C65-8288

[redacted]

DATE 3 May 1965

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Control No. C-120006

FLUCTUATING PRESSURE DATA

5.5% APOLLO-SATURN CONFIGURATION [redacted]

REPORT B662 COPY NO. 5

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~~THIS MATERIAL CONTAI[redacted]RMATIO[redacted]TING THE NATIONAL DEFENSE OF THE UNITED [redacted]E MEANING OF THE ESPIONAGE LAWS. TITLE 1[redacted]ONS 793 AND 794. THE TRANSMISSION OR [redacted] IN ANY MANNER TO AN UNAUTHORIZED PE[redacted]ROHIBIT[redacted] LAW~~

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1. SUMMARY

This report contains plots and tabulations of fluctuating pressure data reduced by McDonnell under Contract NAS1-3179. The purpose of this report is to collect available data together for future reference. No evaluations are made or conclusions drawn from these data.

2. TABLE OF CONTENTS

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3. INTRODUCTION

The fluctuating pressure data presented in this report have been reduced from transonic wind tunnel tests of the Apollo/Saturn PSTL-2 configuration. These tests were conducted by North American Space and Information Systems Division at Ames Research Center in December 1963. Details of the test operation, instrumentation, etc. are given in Reference 1.

The raw data recorded during the tests consist of individual time histories of pressure from a number of transducers in the model. The reduced data consist of the following statistical information which was extracted from selected pairs of time histories:

(a) Normalized auto correlation of each signal

(b) Normalized cross correlation between the two signals

(c) Power spectral density of each signal

(d) Normalized co- and quad-spectral densities between the two signals

(e) Modulus and Phase of coherency between the two signals

The specific definitions of the above quantities will be found in the next sections. Only selected combinations of pressure signals have been reduced based on the needs of the subject contract effort. For each combination selected, tabulations and plots of all of the above are presented herein.

All spectral data are presented versus three frequency scales - model frequency, prototype frequency and reduced frequency. The reduced frequency is given by $\omega \ell / U_\infty$ where ω is the circular frequency, ℓ is a characteristic dimension and U_∞ is the free stream velocity. The power spectra

are plotted and tabulated with the ordinate multiplied by a scale factor for each frequency scale. Consequently, to obtain the true power spectrum appropriate to a given frequency scale, the ordinate,must be divided by the appropriate scale factor. The scale factors are included with both the plots and the tabulations.

An index of plots and tabulations is presented in Section 6. The order of appearance in the index is first by Mach Number, then by transducer pairs. For example, transducer pair I X J is cataloged first by I and then by J. However, the first appearing index is not necessarily the smaller of the two indices. The order of the indices depends upon which of the two signals leads the other in accordance with the definition of the cross-correlation function set forth in the next section.

4. DEFINITIONS AND DISCUSSION OF THE DATA REDUCTION TECHNIQUE

The fluctuating pressure data included in this report were reduced from raw data recorded on magnetic tape at the time the test was conducted. The data reduction was done by the McDonnell Automation Center using digital sampling methods based on the method of Blackman and Tukey, Reference 2.

Briefly, two pressure signals $p_i(t)$ and $p_j(t)$ are sampled simultaneously at intervals of Δt giving a series of discrete values from each signal

$$p_i(1),\ p_i(2),\ p_i(3),\ \ldots\ p_i(N)$$

and

$$p_j(1),\ p_j(2),\ p_j(3),\ \ldots\ p_j(N)$$

where

$$p(k) = p(t) \quad \text{with} \quad t = k\,\Delta t$$

The cross-correlation function, which is defined as

$$R_{ij}(\tau) = \overline{p_i(t)\ p_j(t-\tau)} = \lim_{T\to\infty} \frac{1}{2T} \int_{-T}^{T} p_i(t)\ p_j(t-\tau)\ dt$$

is approximated by

$$R_{ij}(L) = \frac{1}{N-L} \sum_{k=L+1}^{N} p_i(k)\cdot p_j(k-L)$$

where $\tau = L\,\Delta t$. This is done for values of L from zero to m, the number of spectral estimates.

The cross-spectrum is then determined from the cross correlation function, which is now defined at discrete points, by numerically evaluating the Fourier Transform of the cross-correlation function; i.e.,

$$S_{ij}(\omega) = \int_{-\infty}^{\infty} e^{-i\omega\tau} R_{ij}(\tau)\, d\tau$$

The co-spectrum is the cosine transform of the above and the quad-spectrum is the sine transform, i.e.,

$$S_{ij}(\omega) = C_{ij}(\omega) - i\, Q_{ij}(\omega)$$

where

$$C_{ij}(\omega) = \int_{-\infty}^{\infty} \cos \omega\tau\, R_{ij}(\tau)\, d\tau$$

$$Q_{ij}(\omega) = \int_{-\infty}^{\infty} \sin \omega\tau\, R_{ij}(\tau)\, d\tau$$

The signal identified as the J signal in the data has always been lagged relative to the I signal in accordance with the above definitions.

The above outline of the data reduction method outlines only the basic ideas involved and does not include any discussion of statistical smoothing operations which are involved in the computation for better spectrum estimation. The PSD, which is defined mathematically for $-\infty \leq \omega \leq +\infty$ is a symmetrical function. The PSD as presented in the plots and tables herein is defined only for positive ω. Consequently, the ordinates have been multiplied by a factor of two so that the area under these curves from zero to $+\infty$ gives the mean square power of the signal.

All reduced data have been corrected for time shift error between tape recorder channels. The correction times were determined from sinusoidal calibration signals recorded simultaneously on each data channel just prior to recording test data.

Definitions of the symbols appearing in the data together with their engineering (or mathematical) counterpart are listed in Table I at the end of this section. Pertinent digitizing parameters are given with each set of data. Included with these parameters is the number of statistical degrees of freedom, which is given in terms of the number of data samples and the number of spectral estimates as follows:

Degrees of Freedom = 2 (No. of Samples) / (No. of Spectral Est.)

Model scaling considerations, along with the sampling rate and the number of spectral estimates, determine the filter bandwidth in prototype frequency. This information is included with each set of data and is calculated from

$$B_P = (D_M/D_P)(U_P/U_M)(SR/m)$$

where

B_P - - - - - - - - Filter Bandwidth in prototype frequency

D_P, D_M - - - - - Prototype and model characteristic dimension

U_P, U_M - - - - - Prototype and model freestream velocity

SR - - - - - - - - Sampling rate

m - - - - - - - - Number of spectral estimates

The reader is advised that other data of a similar nature to that presented herein is given in References 3 and 4.

TABLE I DEFINITION OF SYMBOLS

ENGINEER SYMBOL	TABULATION SYMBOL	MEANING
τ	TAU	Lag Time for Auto-correlation
$R_{ii}(\tau)$		Auto-correlation
$R_{ii}(o)$	RII(o)	Auto-correlation for zero lag time
$R_{ii}(\tau)/R_{ii}(o)$	NRII(TAU)	Normalized auto-correlation
τ_s		Time shift error between records due to recorder head spacing
τ_c	TAU,C	True τ after correction for τ_s
$R_{ij}(\tau_c)$		Cross-correlation
$R_{ij}(\pm\ \tau_c)/\sqrt{R_{ii}(o)R_{jj}(o)}$	NRIJ(±TAU,C)	Normalized cross-correlation
f_M	MODEL FREQUENCY	Model frequency
f_P	PROTOTYPE FREQ.	Prototype frequency
$\omega\ell/U_\infty$	REDUCED FREQ.	Reduced frequency
$S_{ii}(f)$		Power spectrum
S.F. x $S_{ii}(f)$	S.F. x SII(F)	Scale factor times power spectrum
$C_{ij}(f)$		Co-spectrum
$C_{ij}(f)/\sqrt{S_{ii}(f)S_{jj}(f)}$	NCIJ(F)	Normalized co-spectrum
$Q_{ij}(f)$		Quad-spectrum
$Q_{ij}(f)/\sqrt{S_{ii}(f)S_{jj}(f)}$	NQIJ(F)	Normalized quad-spectrum

TABLE I DEFINITION OF SYMBOLS (CONT'D)

ENGINEER SYMBOL	TABULATION SYMBOL	MEANING
$\rho(f)$	MOD. OF COHER. (MOC)	Modulus of coherency, $\sqrt{[NCIJ(F)]^2 + [NQIJ(F)]^2}$
$\phi(f)$	PHASE OF COHER. (POC)	Phase of coherency, $\mathrm{Tan}^{-1}[NQIJ(F)]/[NCIJ(F)]$
I,J		Indicate transducer number
α		Pitch angle
β		Yaw angle

5. REFERENCES

1. "Aerodynamic Noise Measurements on a 0.055 - Scale Model of the Apollo/Saturn IB Launch Vehicle," SID 64-1545, North American Aviation, Inc., Space and Information Systems Div., Downey, Calif.

2. Blackman, R. B. and Tukey, J. W., The Measurement of Power Spectra (Dover Publications, Inc., New York, 1958).

3. Weissenburger, J. T., and Davis, R. E., "Interim Report on Buffeting Flows Analysis and Experiment Correlation," A932, Vol, III, Parts 1, 2 and 3, McDonnell Aircraft Corp., St. Louis, Mo. (July, 1964).

4. Davis, R. E., "Fluctuating Pressure Data, 32% Mercury - Atlas Configuration," B661, McDonnell Aircraft Corporation, St. Louis, Mo. (April, 1965).

6. APOLLO/SATURN PSTL-2 CONFIGURATION

5.5% SCALE

FLUCTUATING PRESSURE DATA

APOLLO/SATURN TEST INFORMATION
AND DATA REDUCTION
PARAMETERS

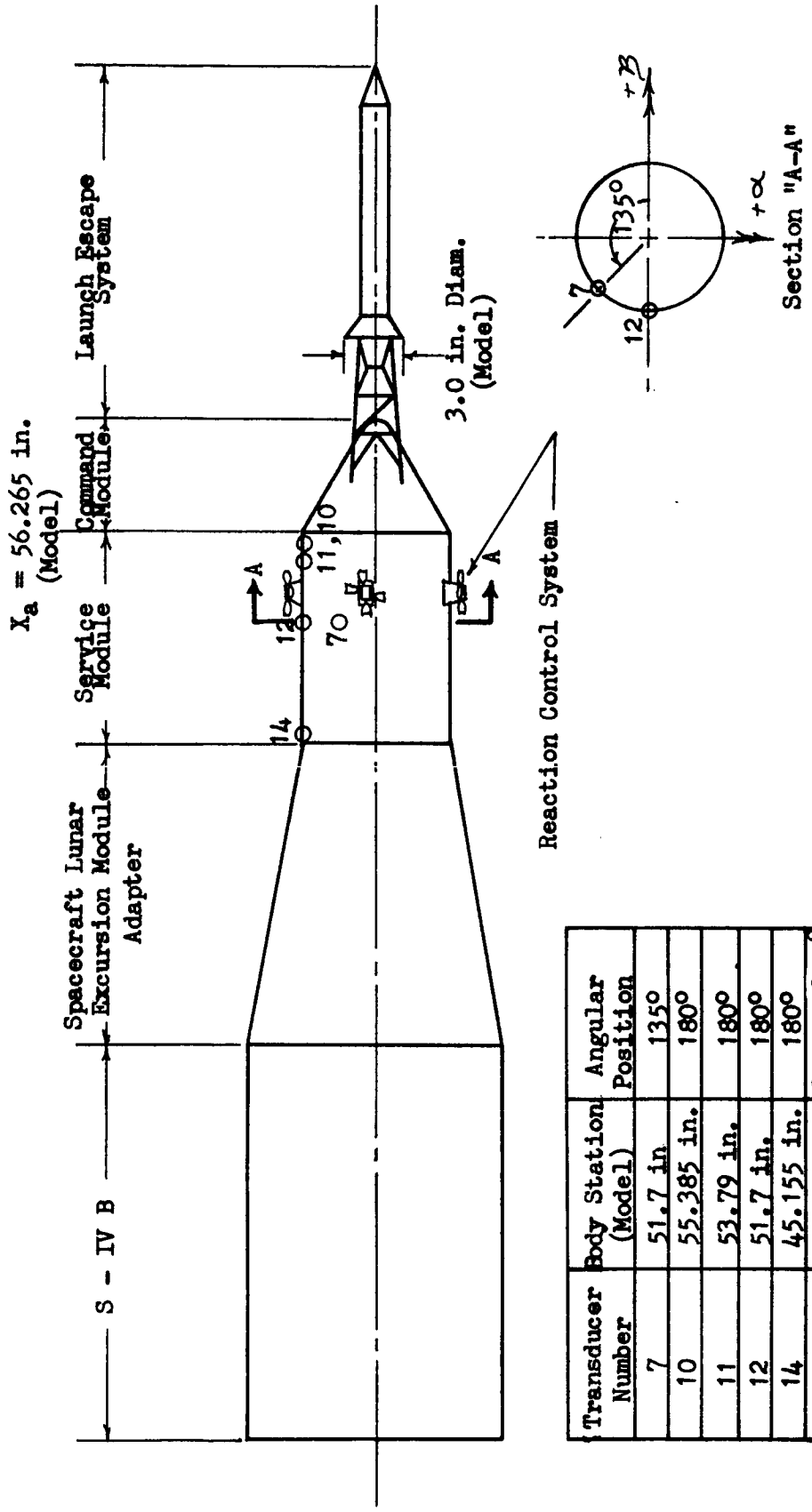
Wind Tunnel	Ames 11' x 11'Transonic
Date of Test	December 1963
Model Size	5.5%
Sample Rate	64,000 / sec.
No. of Samples	12,000
No. of Spectral Estimates	175
Degrees of Freedom	137
Filter Band Width (Prototype Freq.)	19.4 ⟶ 19.8 cps
Characteristic Length (Model)	.25 ft.

[redacted]

APPOLLO-SATURN MODEL PSTL-2

(0.055 Scale)

Location Of Pressure Transducers



Transducer Number	Body Station (Model)	Angular Position
7	51.7 in	135°
10	55.385 in.	180°
11	53.79 in.	180°
12	51.7 in.	180°
14	45.155 in.	180°
R.C.S.	52.745 in.	90°,180°,270°

[redacted]

[redacted]

INDEX OF PLOTS AND TABULATIONS
APOLLO/SATURN 5.5%
PSTL-2 CONFIGURATION

MACH. NO.	α	β	CORREL. IXJ	ITEM		PLOT PAGE	TABULATION PAGE
0.5	0°	0°	11X10	Auto	11X11	18	137
				Auto	10X10	18	137
				Cross	11X10	19	137
				PSD	11X11	20	142
				PSD	10X10	21	142
				C&Q	11X10	22	142
				MOC	11X10	23	142
			11X10	POC	11X10	24	142
			12X10	Auto	12X12	25	145
				Auto	10X10	25	145
				Cross	12X10	26	145
				PSD	12X12	27	150
				PSD	10X10	28	150
				C&Q	12X10	29	150
				MOC	12X10	30	150
			12X10	POC	11X10	31	150
			14X10	Auto	14X14	32	153
				Auto	10X10	32	153
				Cross	14X10	33	153
				PSD	14X14	34	158
				PSD	10X10	35	158
				C&Q	14X10	36	158
				MOC	14X10	37	158
0.5			14X10	POC	14X10	38	158
0.7			11X10	Auto	11X11	39	161
				Auto	10X10	39	161
				Cross	11X10	40	161
				PSD	11X11	41	166
				PSD	10X10	42	166
				C&Q	11X10	43	166
				MOC	11X10	44	166
			11X10	POC	11X10	45	166
			12X10	Auto	12X12	46	169
				Auto	10X10	46	169
				Cross	12X10	47	169
				PSD	12X12	48	174
				PSD	10X10	49	174
				C&Q	12X10	50	174
				MOC	12X10	51	174
0.7	0°	0°	12X10	POC	12X10	52	174

[redacted]

MACH. NO.	α	β	CORREL. IXJ	ITEM		PLOT PAGE	TABULATION PAGE
0.7	0°	0°	14X10	Auto	14X14	53	177
				Auto	10X10	53	177
				Cross	14X10	54	177
				PSD	14X14	55	182
				PSD	10X10	56	182
				C&Q	14X10	57	182
				MOC	14X10	58	182
0.7	0°	0°	14X10	POC	14X10	59	182
0.8	0°	0°	11X10	Auto	11X11	60	185
				Auto	10X10	60	185
				Cross	11X10	61	185
				PSD	11X11	62	190
				PSD	10X10	63	190
				C&Q	11X10	64	190
				MOC	11X10	65	190
			11X10	POC	11X10	66	190
			12X7	Auto	12X12	67	193
				Auto	7X7	67	193
				Cross	12X7	68	193
				PSD	12X12	69	198
				PSD	7X7	70	198
				C&Q	12X7	71	198
				MOC	12X7	72	198
			12X7	POC	12X7	73	198
			12X10	Auto	12X12	74	201
				Auto	10X10	74	201
				Cross	12X10	75	201
				PSD	12X12	76	206
				PSD	10X10	77	206
				C&Q	12X10	78	206
				MOC	12X10	79	206
			12X10	POC	12X10	80	206
			12X11	Auto	12X12	81	209
				Auto	11X11	81	209
				Cross	12X11	82	209
				PSD	12X12	83	214
				PSD	11X11	84	214
				C&Q	12X11	85	214
				MOC	12X11	86	214
0.8	0°	0°	12X11	POC	12X11	87	214

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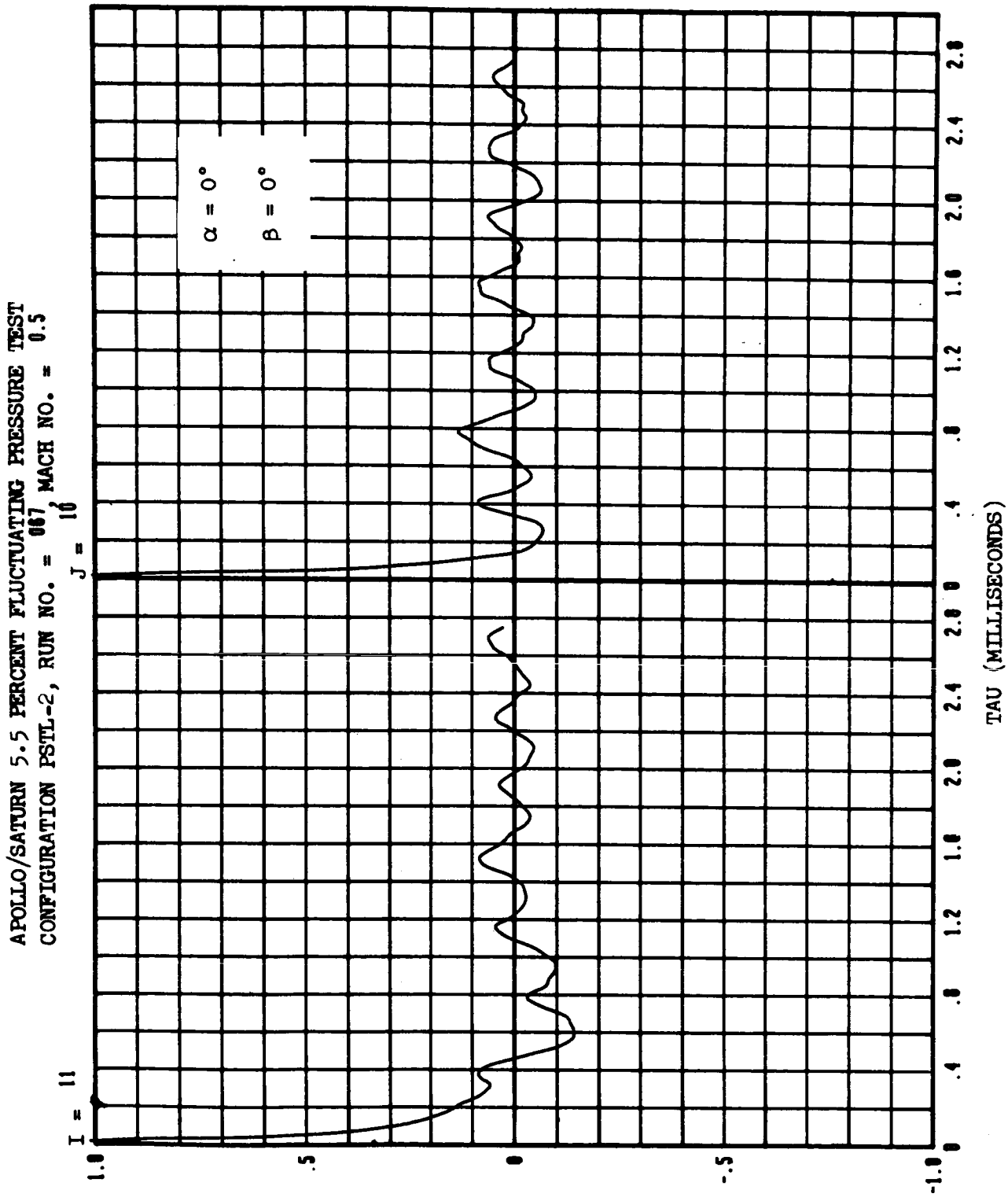
MACH. NO.	α	β	CORREL. IXJ	ITEM		PLOT PAGE	TABULATION PAGE
0.8	0°	0°	14X10	Auto	14X14	88	217
				Auto	10X10	88	217
				Cross	14X10	89	217
				PSD	14X14	90	222
				PSD	10X10	91	222
				C&Q	14X10	92	222
				MOC	14X10	93	222
0.8	0°	0°	14X10	POC	14X10	94	222
0.9	0°	0°	11X10	Auto	11X11	95	225
				Auto	10X10	95	225
				Cross	11X10	96	225
				PSD	11X11	97	230
				PSD	10X10	98	230
				C&Q	11X10	99	230
				MOC	11X10	100	230
			11X10	POC	11X10	101	230
			12X10	Auto	12X12	102	233
				Auto	10X10	102	233
				Cross	12X10	103	233
				PSD	12X12	104	238
				PSD	10X10	105	238
				C&Q	12X10	106	238
				MOC	12X10	107	238
			12X10	POC	12X10	108	238
			14X10	Auto	14X14	109	241
				Auto	10X10	109	241
				Cross	14X10	110	241
				PSD	14X14	111	246
				PSD	10X10	112	246
				C&Q	14X10	113	246
				MOC	14X10	114	246
0.9	0°	0°	14X10	POC	14X10	115	246
1.0	0°	0°	11X10	Auto	11X11	116	249
				Auto	10X10	116	249
				Cross	11X10	117	249
				PSD	11X11	118	254
				PSD	10X10	119	254
				C&Q	11X10	120	254
				MOC	11X10	121	254
1.0	0°	0°	11X10	POC	11X10	122	254

CONFIDENTIAL

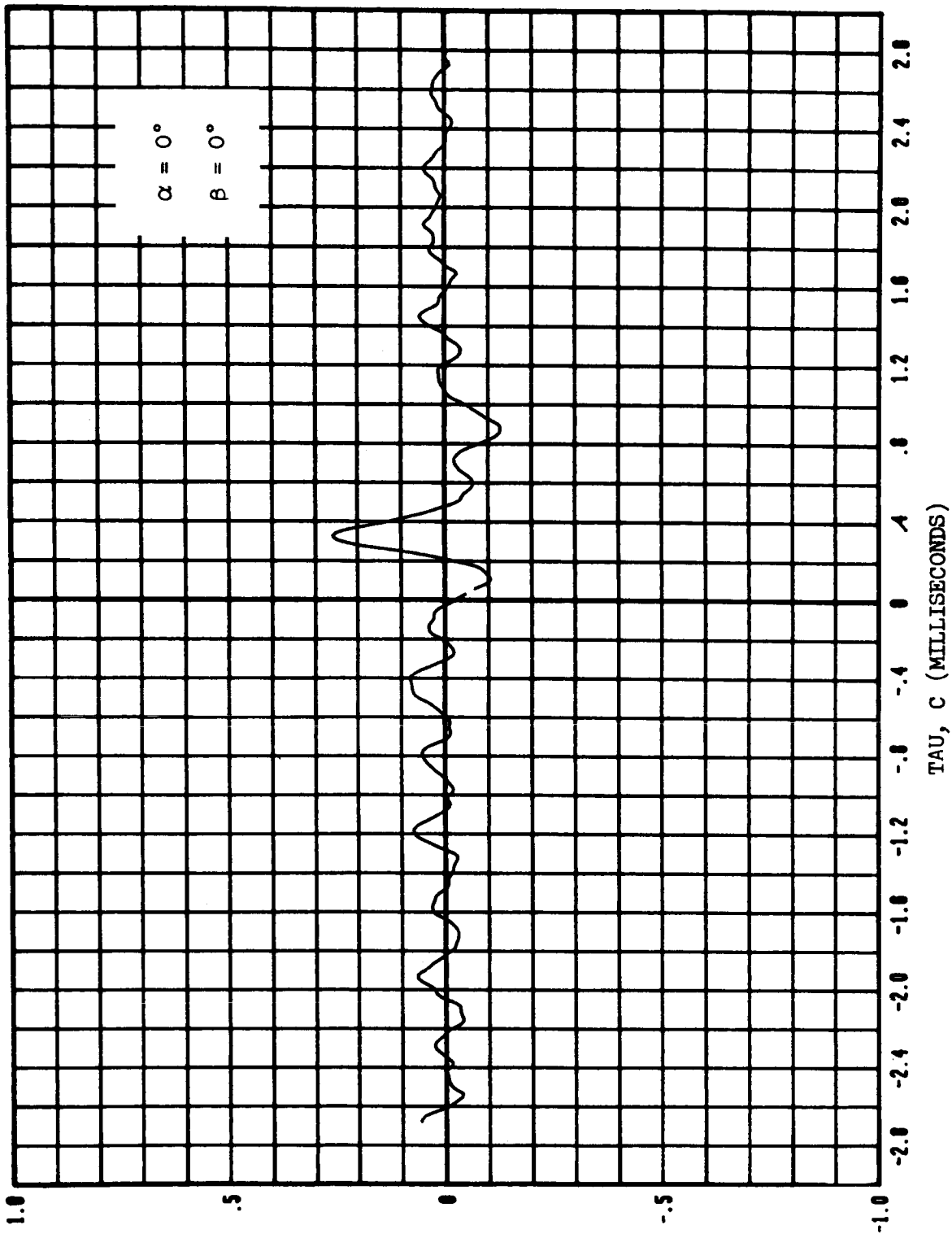
~~CONFIDENTIAL~~

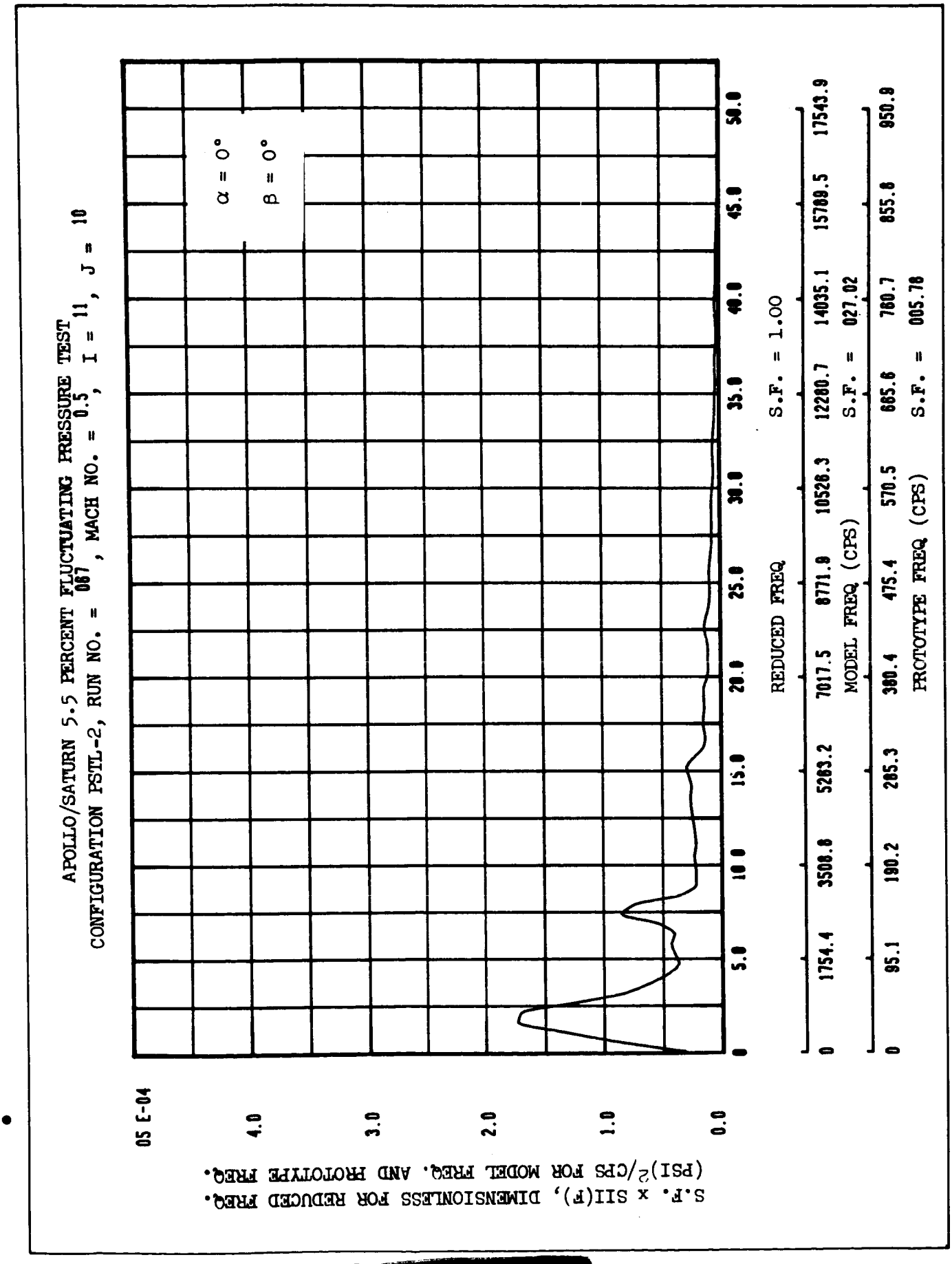
MACH. NO.	α	β	CORREL. IXJ	ITEM		PLOT PAGE	TABULATION PAGE
1.0	0°	0°	12X10	Auto	12X12	123	257
				Auto	10X10	123	257
				Cross	12X10	124	257
				PSD	12X12	125	262
				PSD	10X10	126	262
				C&Q	12X10	127	262
				MOC	12X10	128	262
			12X10	POC	12X10	129	262
			14X10	Auto	14X10	130	265
				Auto	10X10	130	265
				Cross	14X10	131	265
				PSD	14X14	132	270
				PSD	10X10	133	270
				C&Q	14X10	134	270
				MOC	14X10	135	270
1.0	0°	0°	14X10	POC	14X10	136	270

~~CONFIDENTIAL~~


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 087, MACH NO. = 0.5
I = 11
J = 10
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

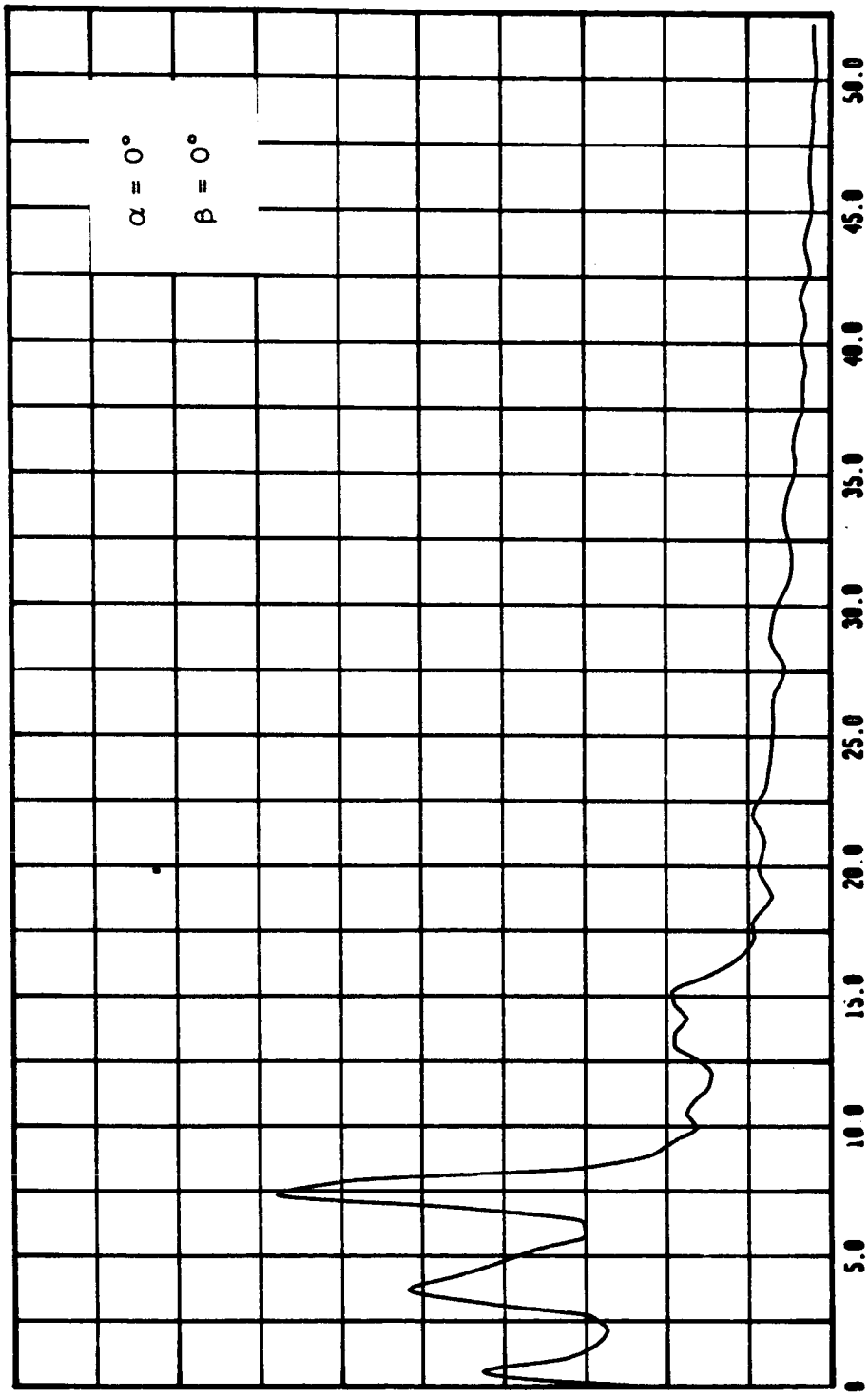
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 11, J = 10




APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 11, J = 10
α = 0°
β = 0°
05 E-04
4.0
3.0
2.0
1.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
S.F. = 027.02
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PROTOTYPE FREQ (CPS)
S.F. = 005.78
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

[redacted]

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 11, J = 10



REDUCED FREQ S.F. = 1.00

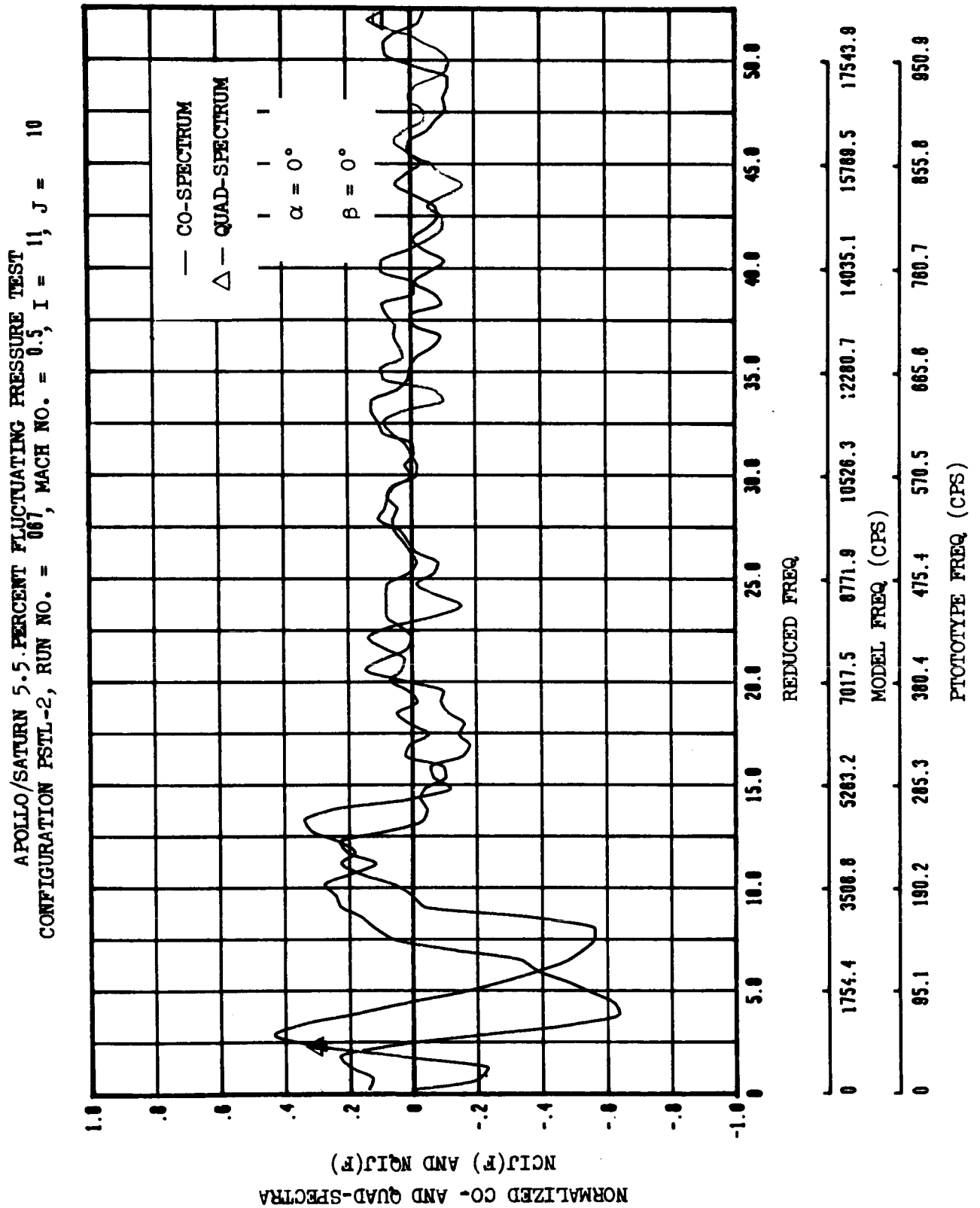
0	1754.4	3508.8	5263.2	7017.5	8771.9	10526.3	12280.7	14035.1	15789.5	17543.9

MODEL FREQ (CPS) S.F. = 027.02

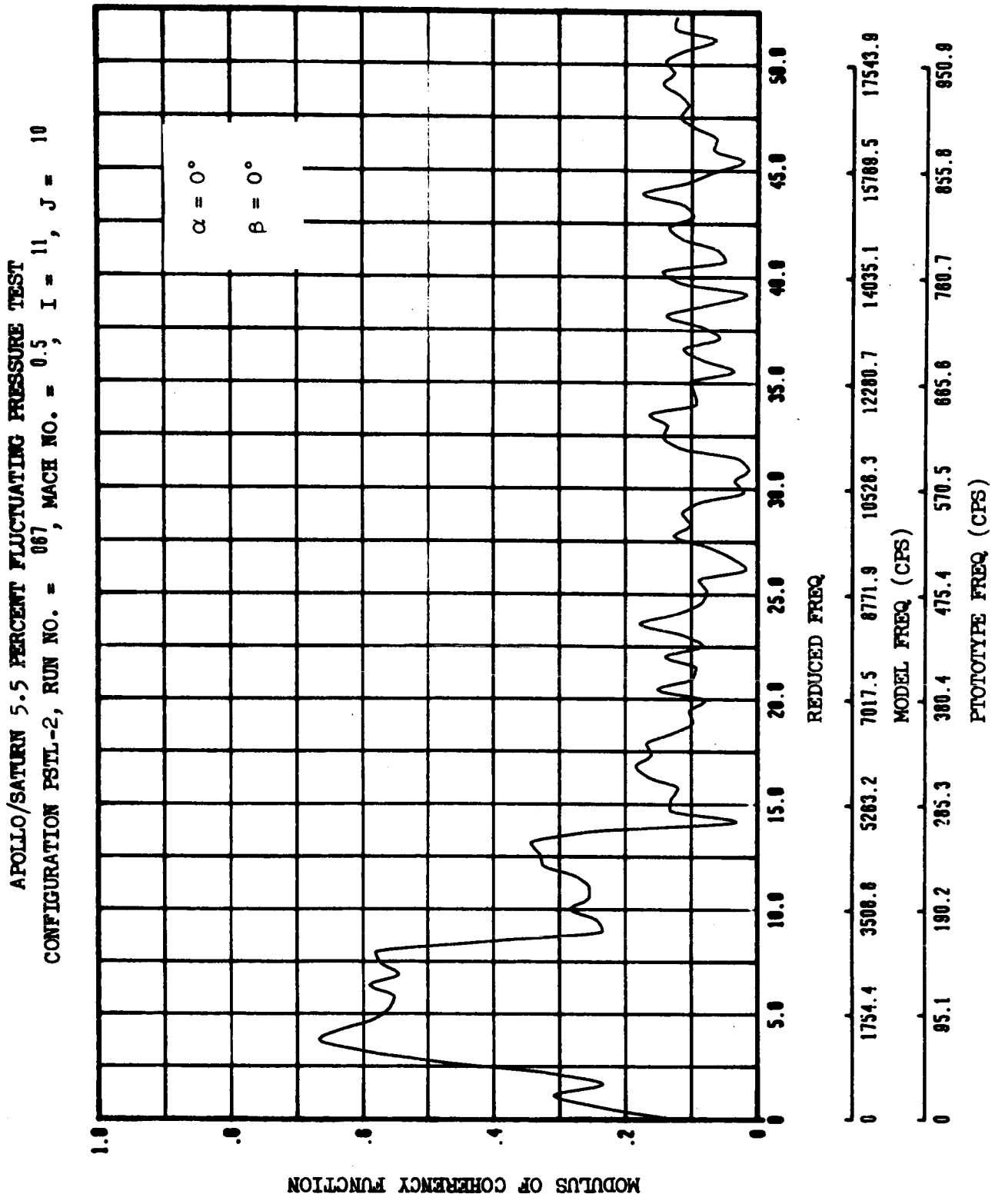
0	95.1	190.2	285.3	380.4	475.4	570.5	665.6	760.7	855.8	950.9

PROTOTYPE FREQ (CPS) S.F. = 005.70

S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 11, J = 10
— CO-SPECTRUM
Δ — QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PROTOTYPE FREQ (CPS)

[redacted]



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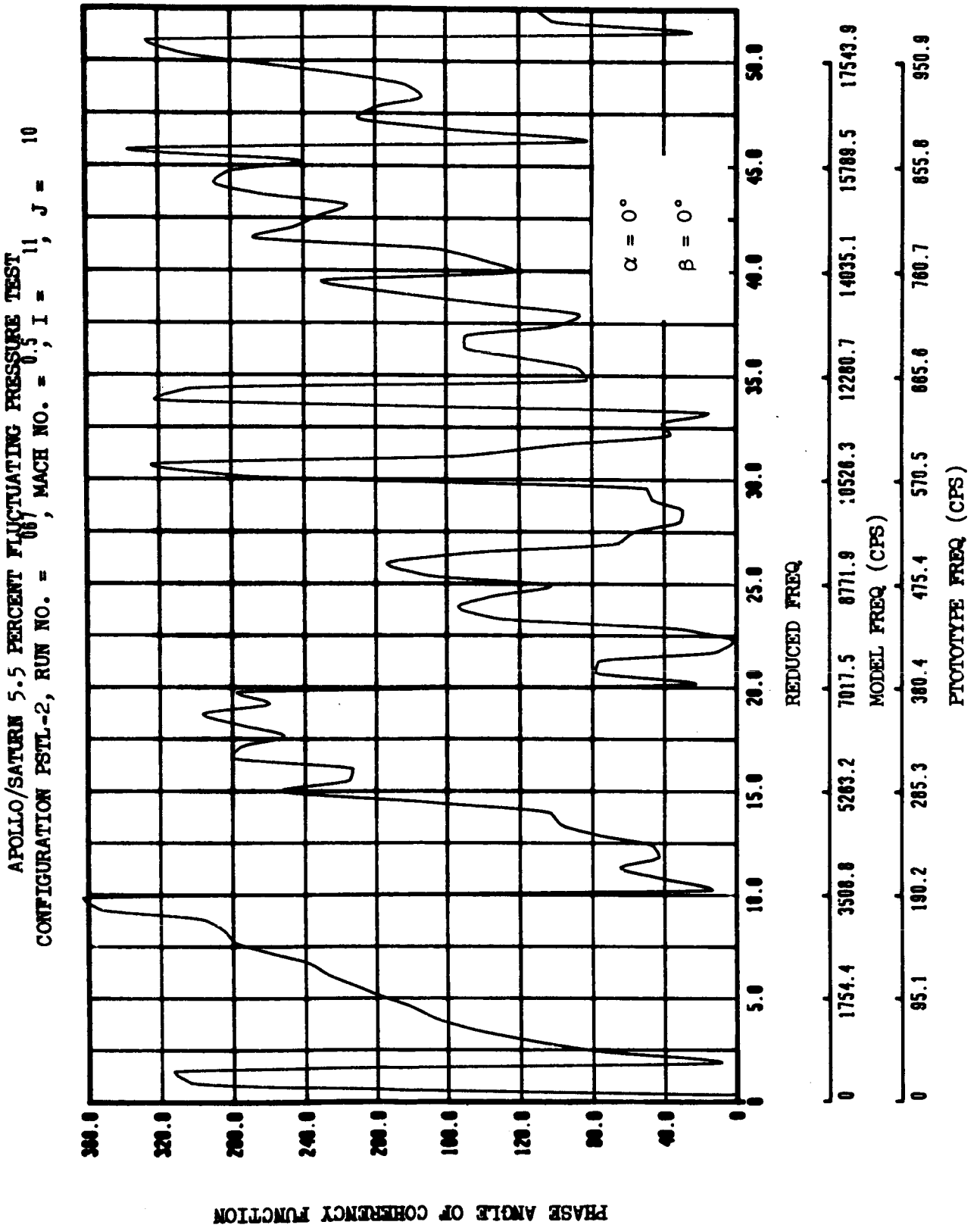
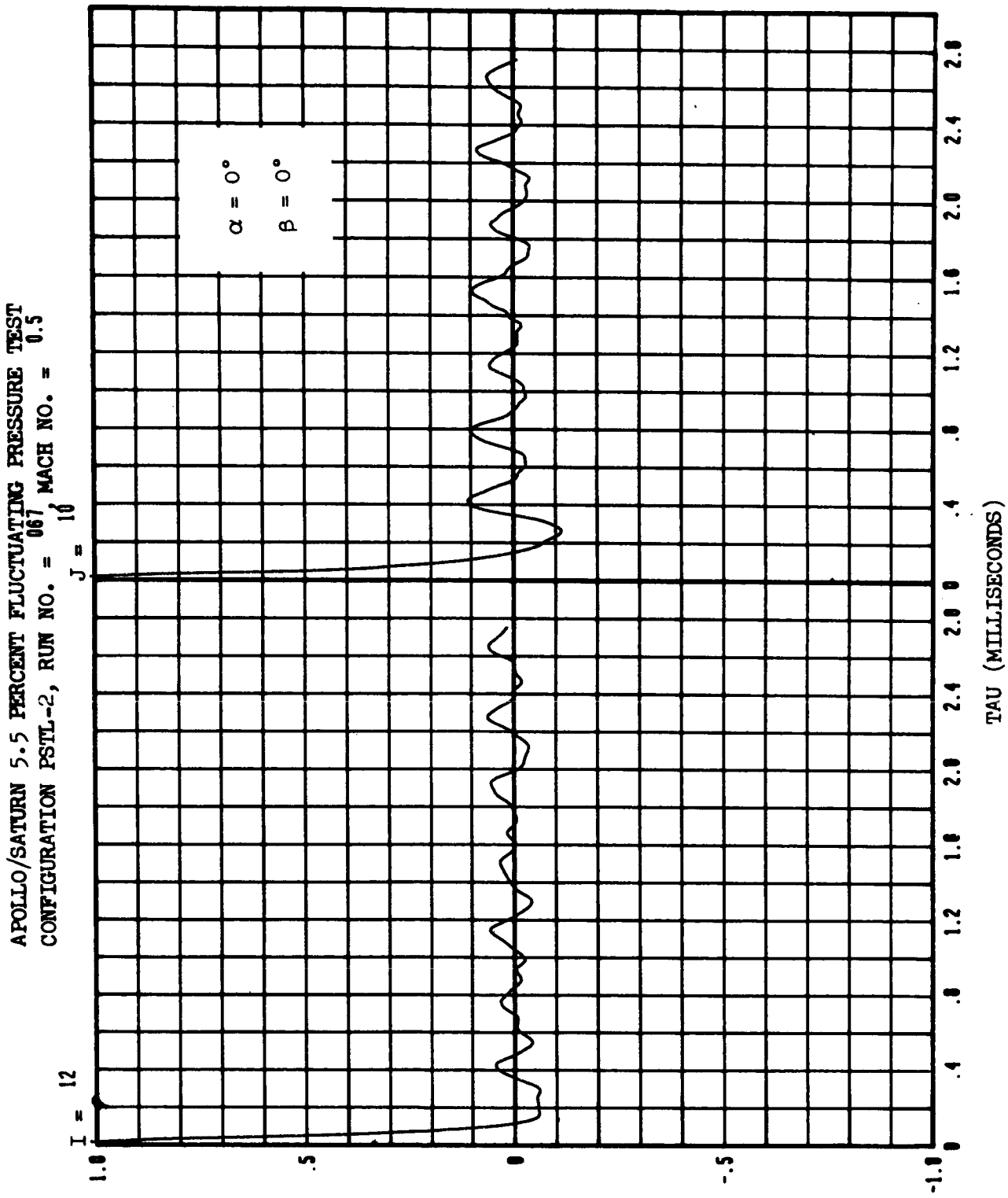
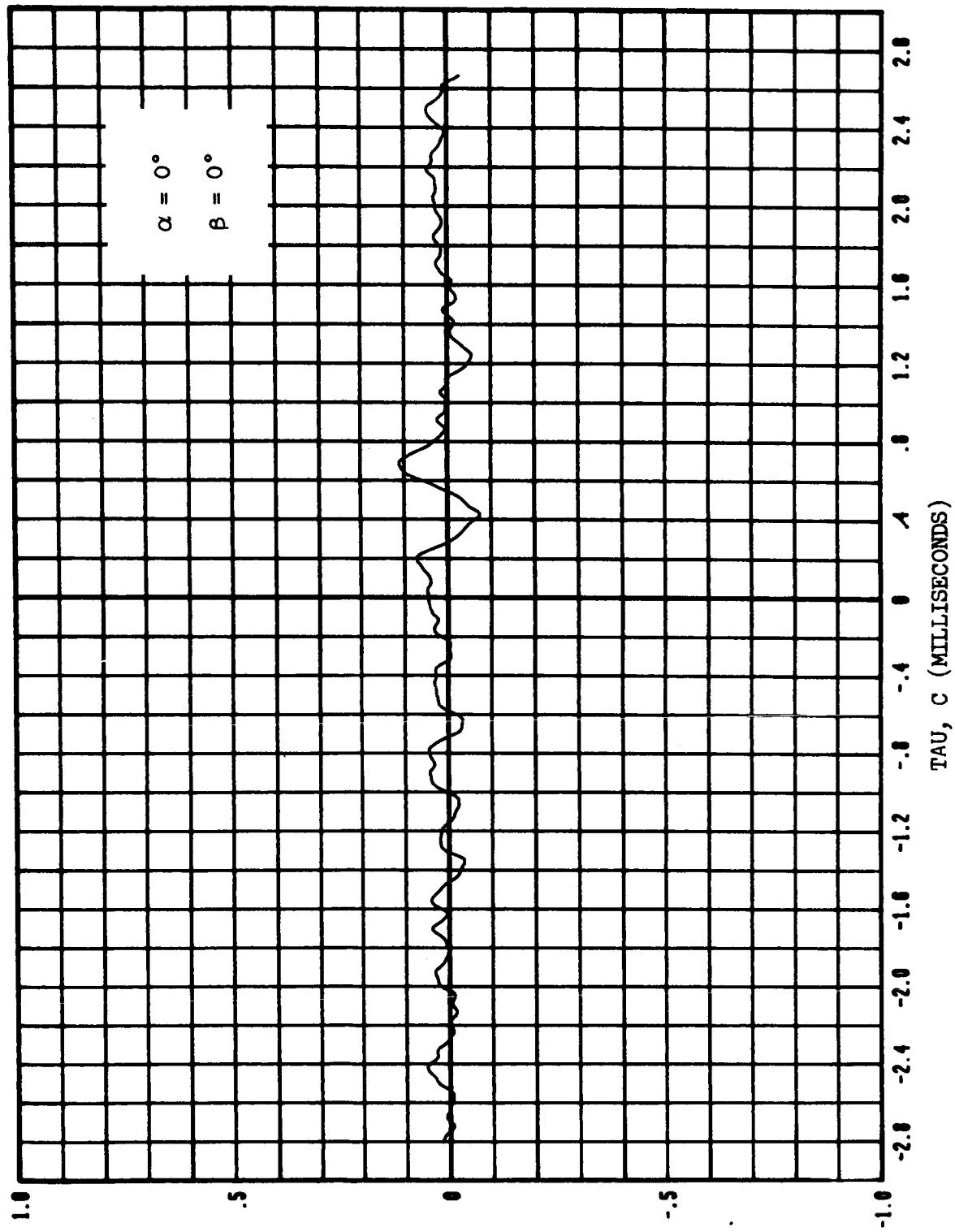
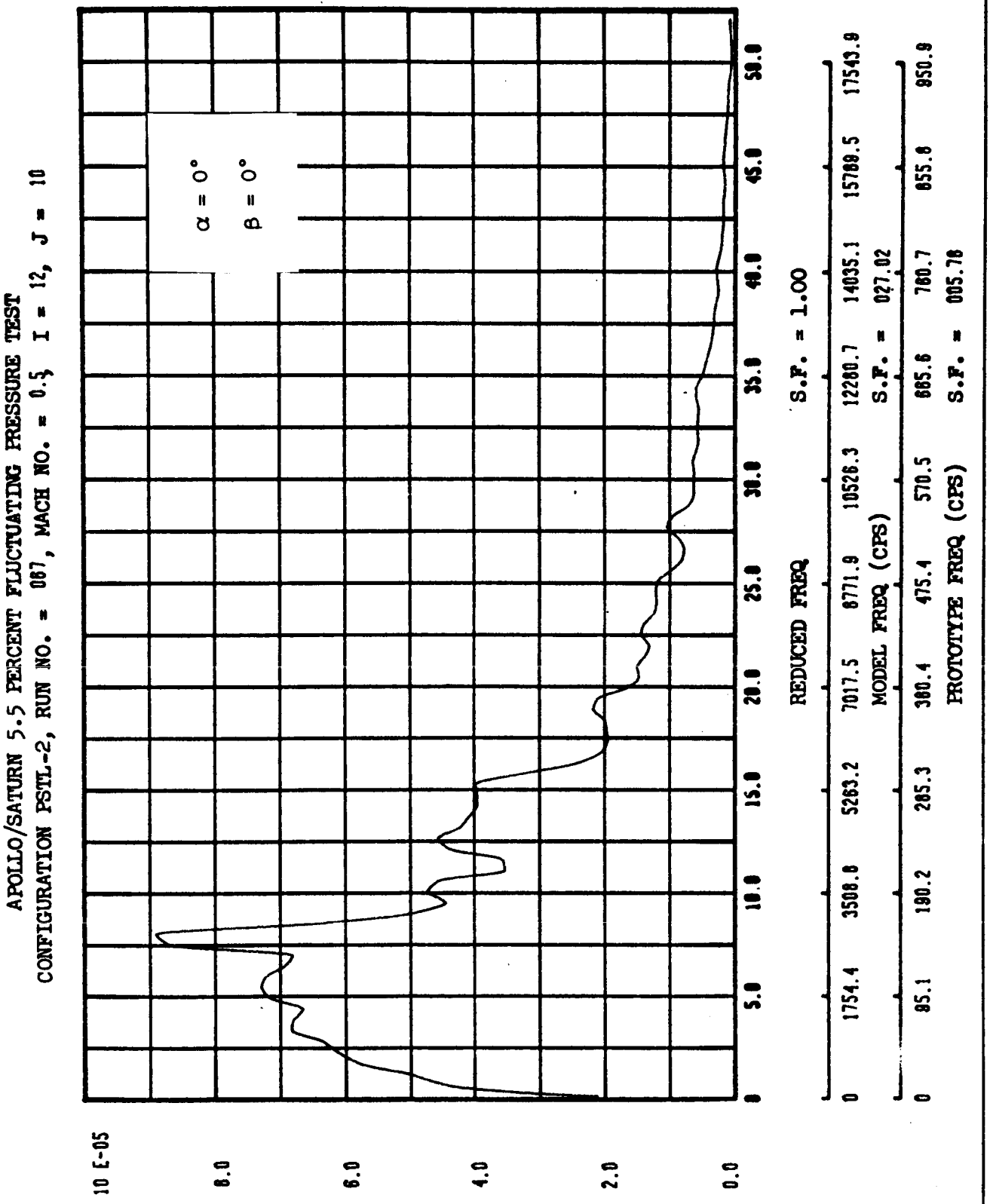
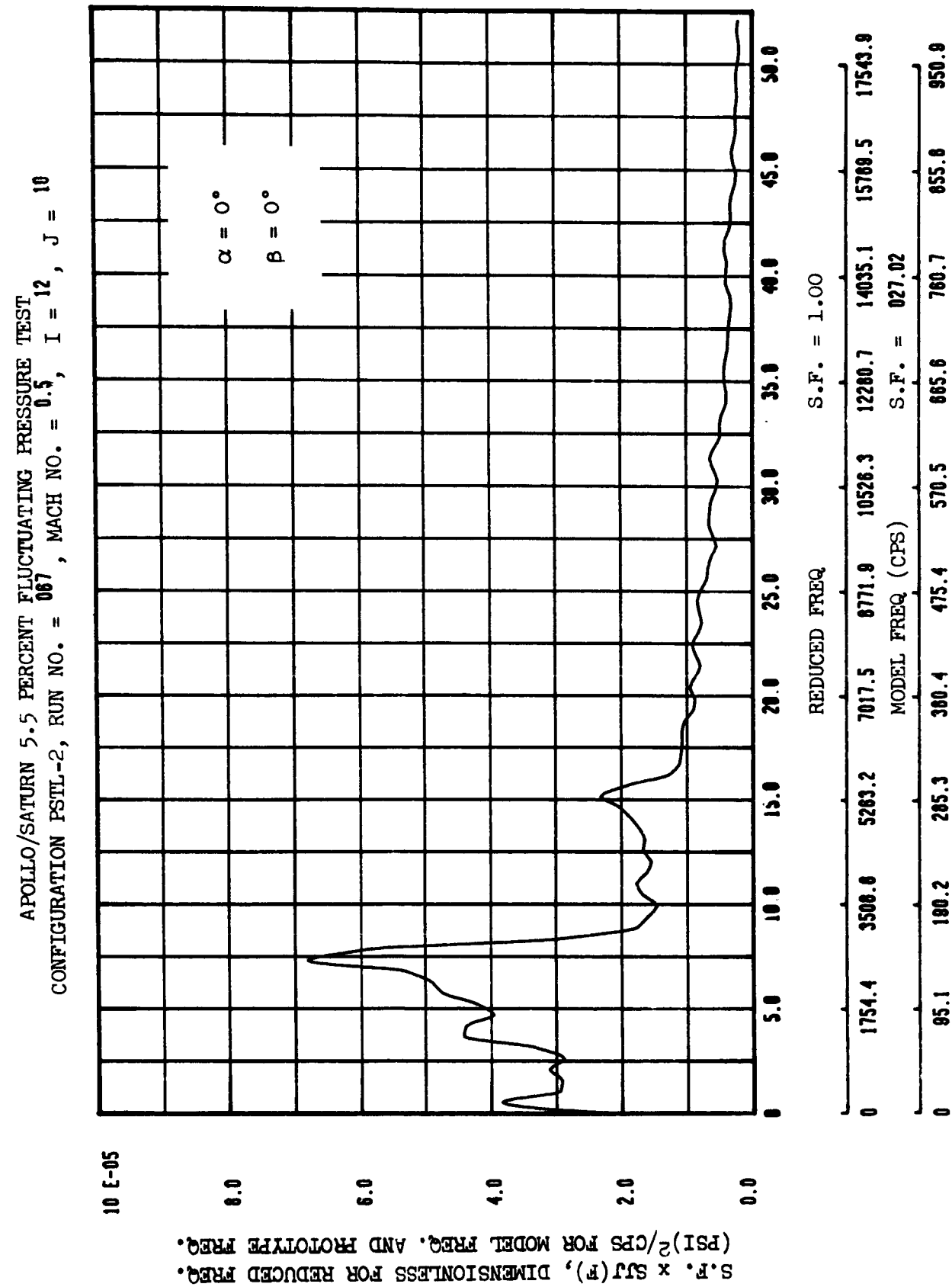

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 11, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PROTOTYPE FREQ (CPS)

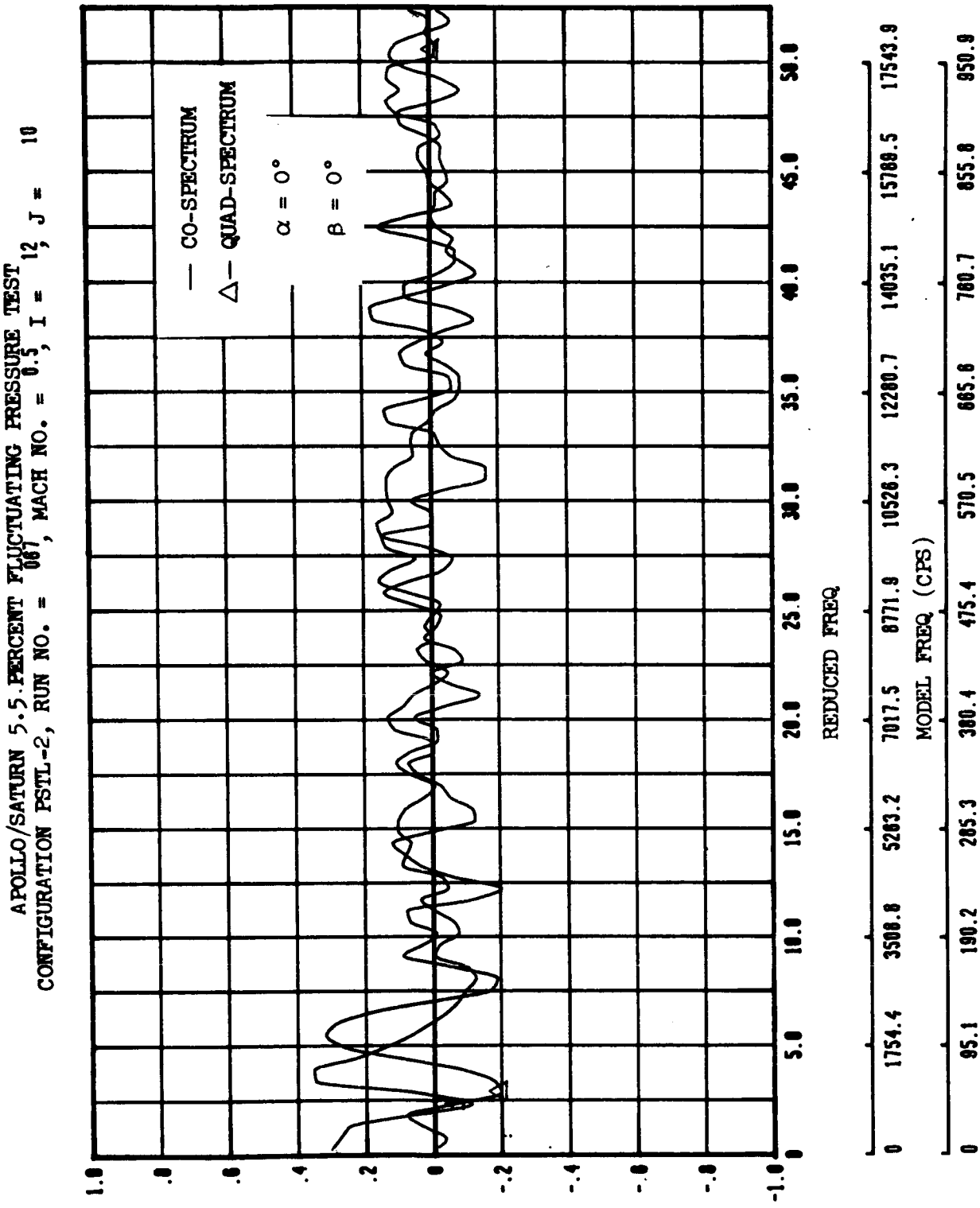

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067 MACH NO. = 0.5
I = 12
J = 10
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

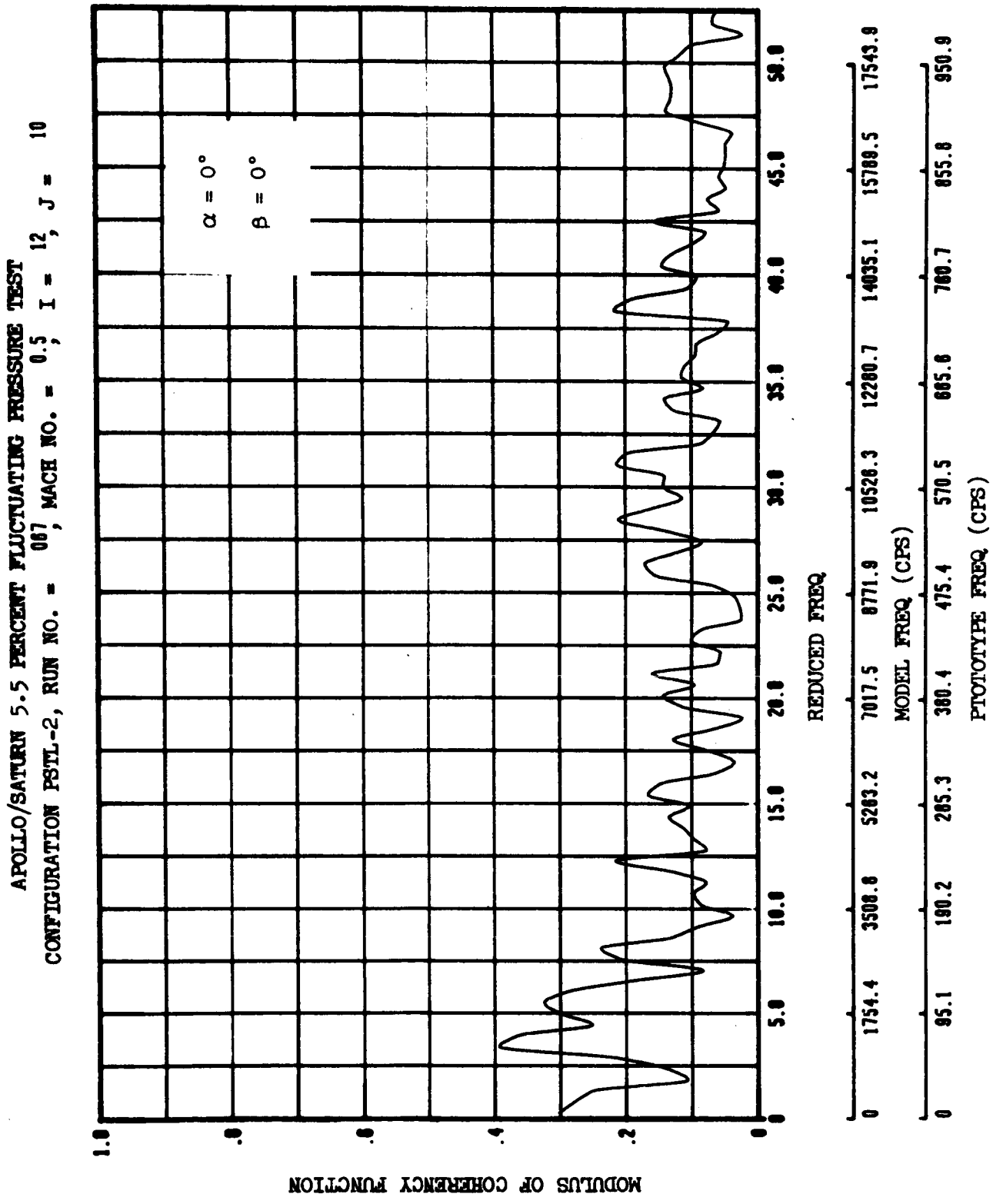
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = '67, MACH NO. = 0.5, I = 12, J = 10

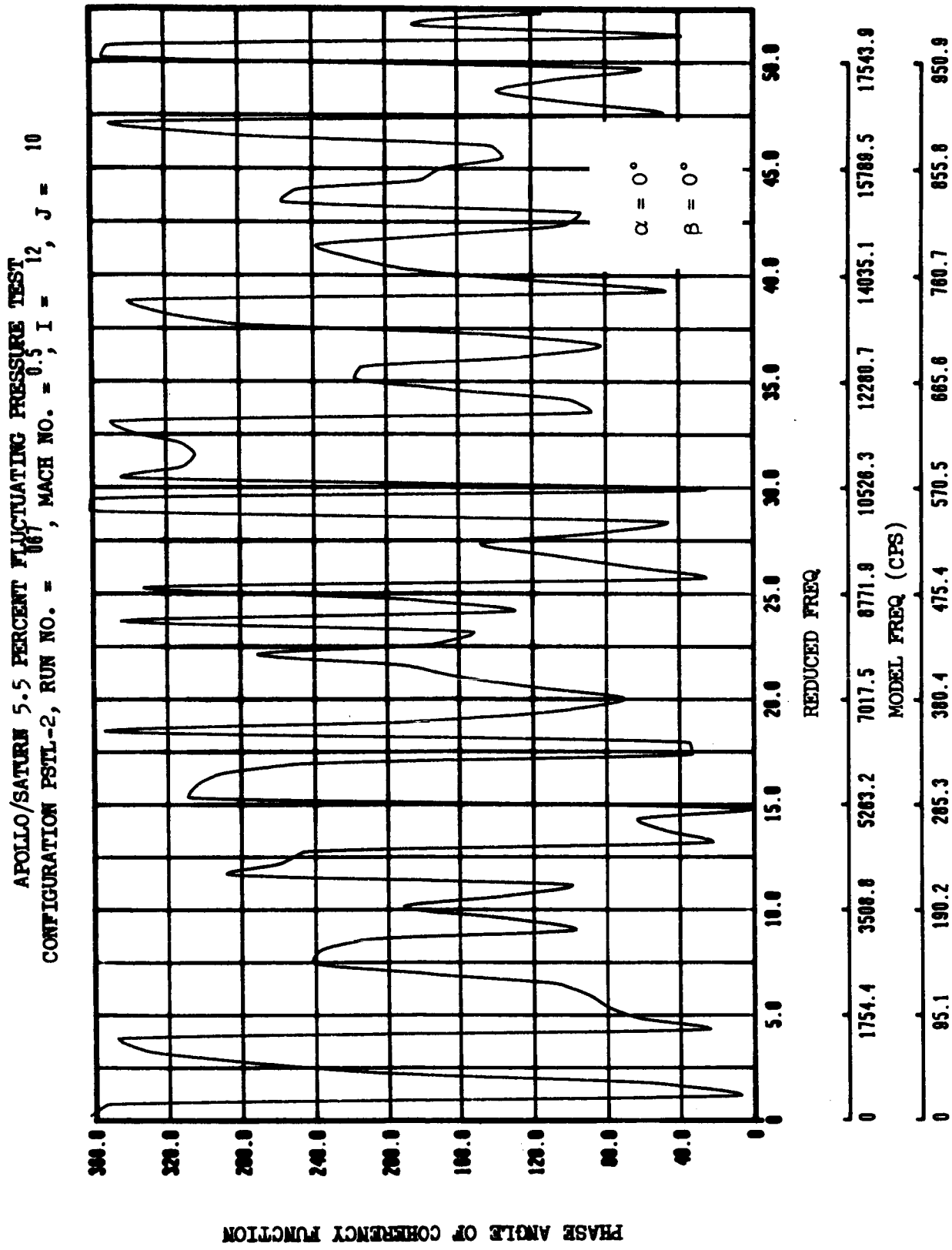


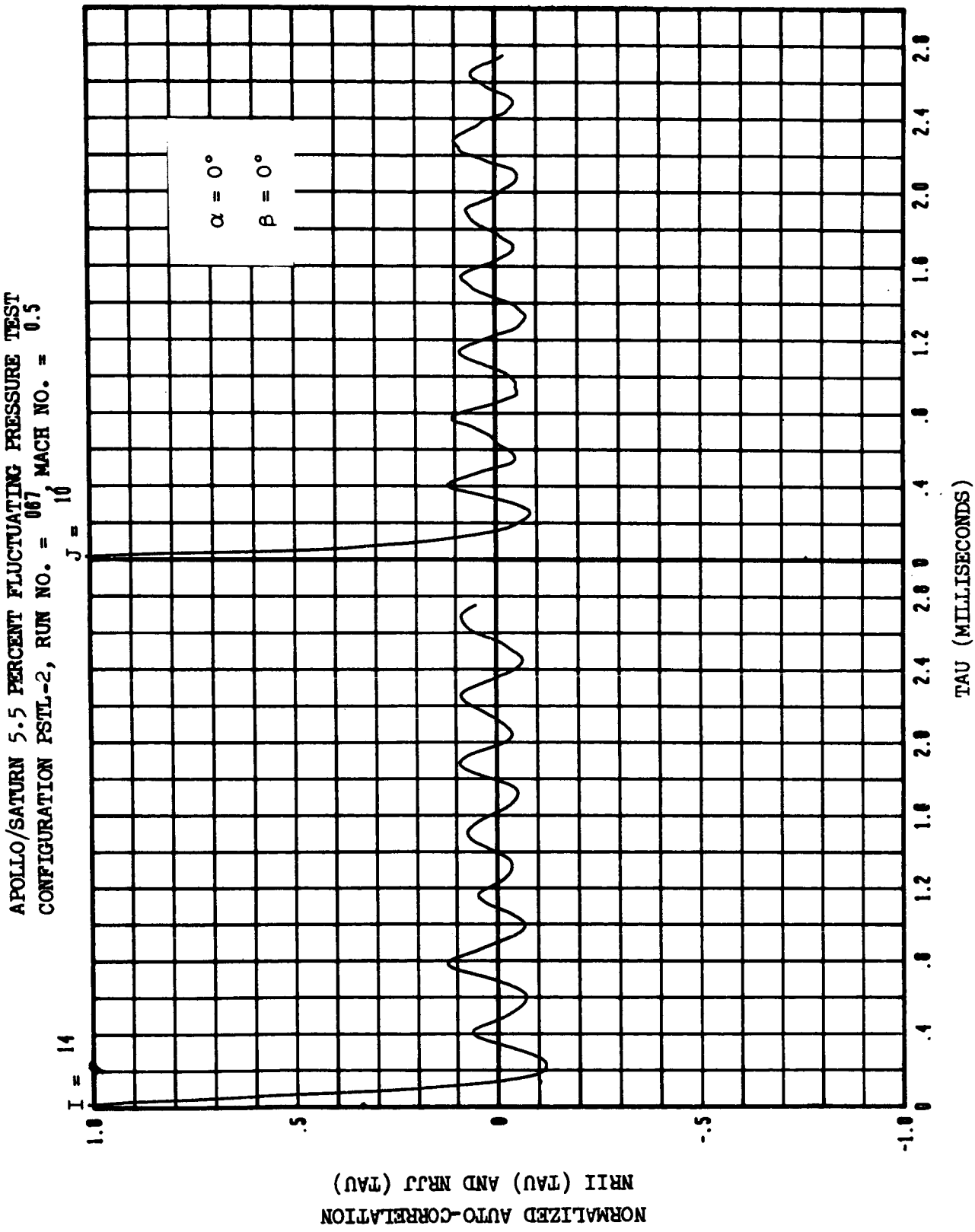

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5 I = 12, J = 10
α = 0°
β = 0°
10 E-05
8.0
6.0
4.0
2.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
S.F. = 027.02
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PROTOTYPE FREQ (CPS)
S.F. = 005.78
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 12, J = 10
α = 0°
β = 0°
10 E-05
8.0
6.0
4.0
2.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
S.F. = 027.02
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PROTOTYPE FREQ (CPS)
S.F. = 005.78
S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

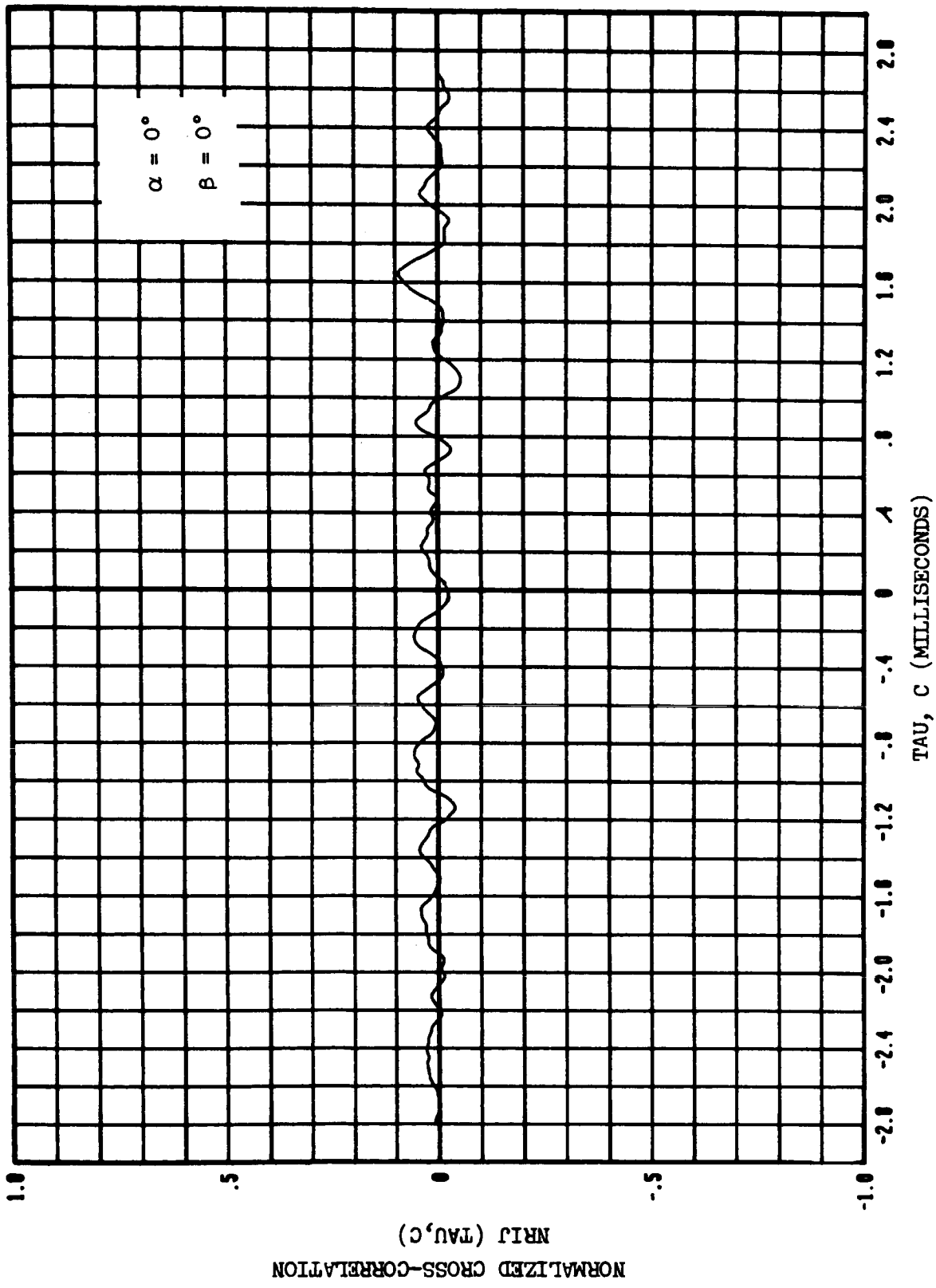

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 12, J = 10
— CO-SPECTRUM
△— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PTOTOTYPE FREQ (CPS)

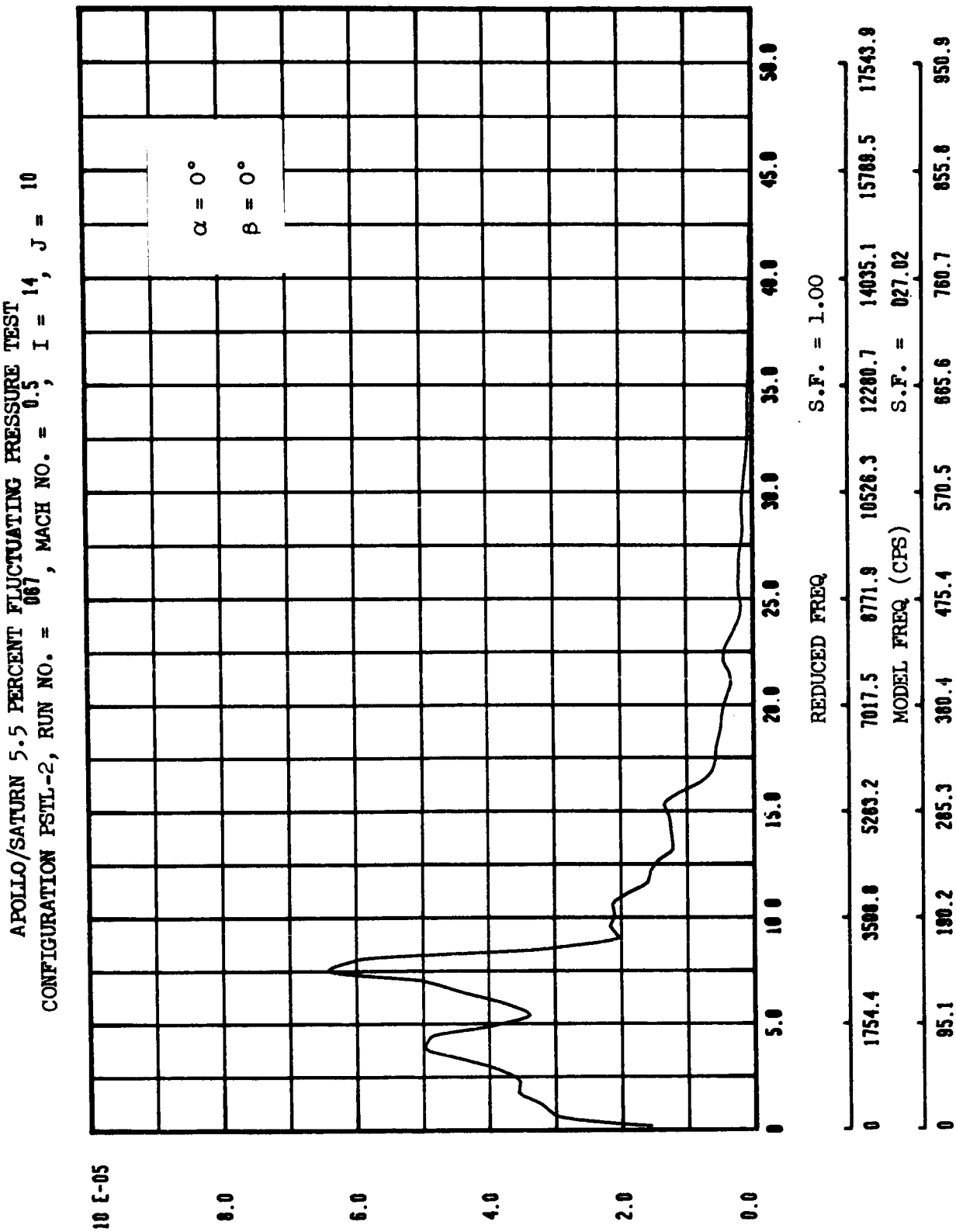

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 12, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PTOTOTYPE FREQ (CPS)

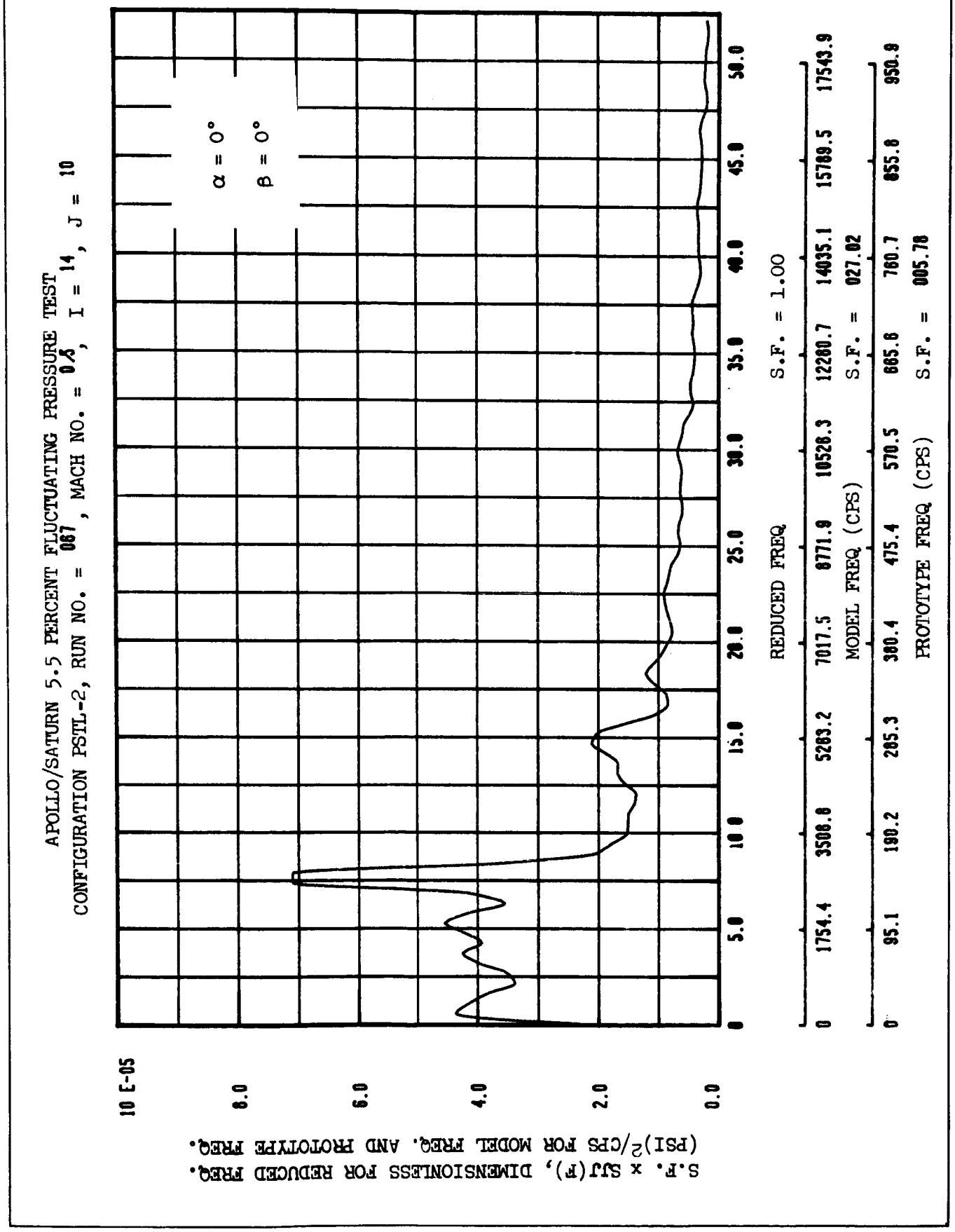

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 12, J = 10
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
α = 0°
β = 0°
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5
I = 14
J = 10
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

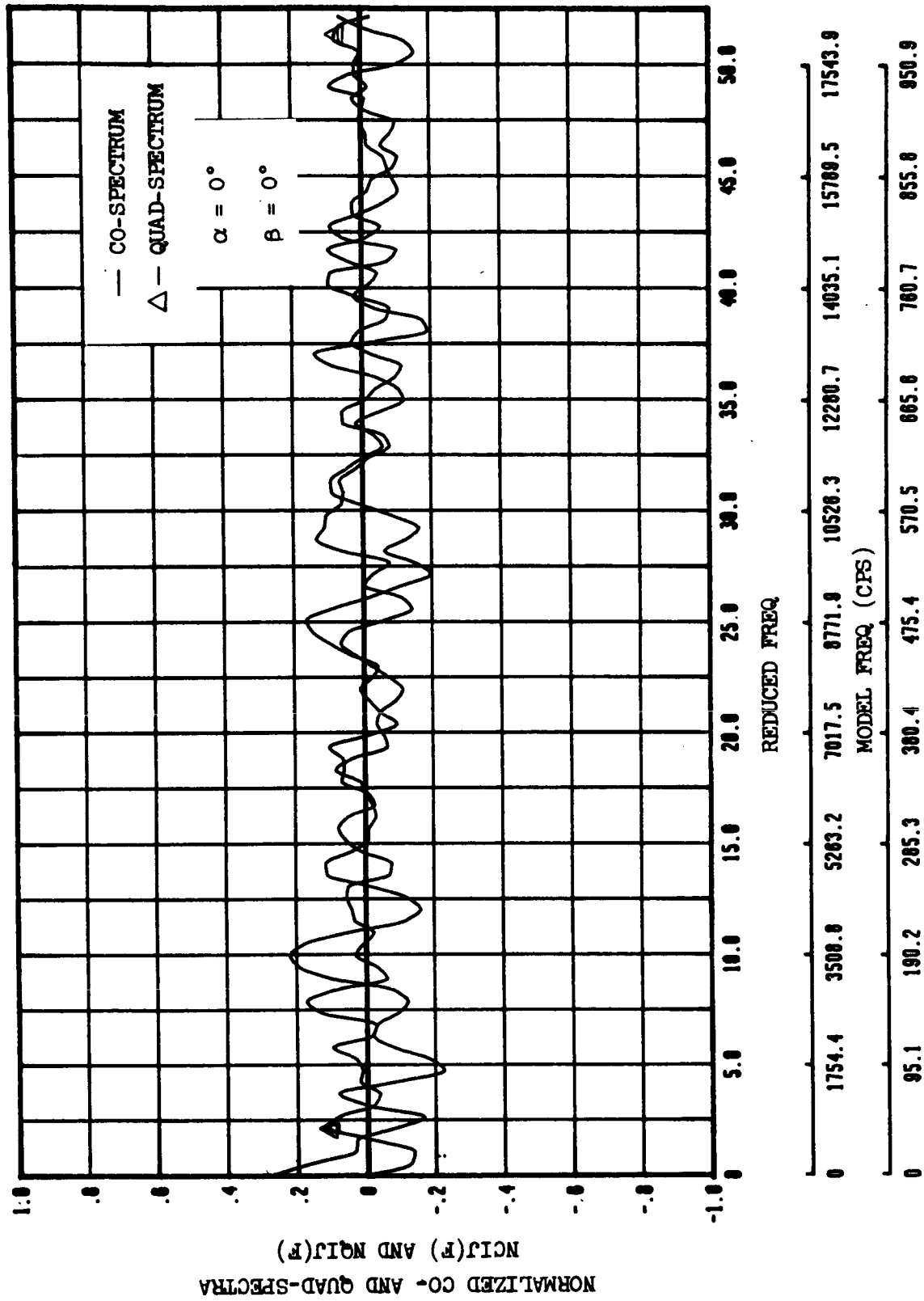
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 14, J = 10

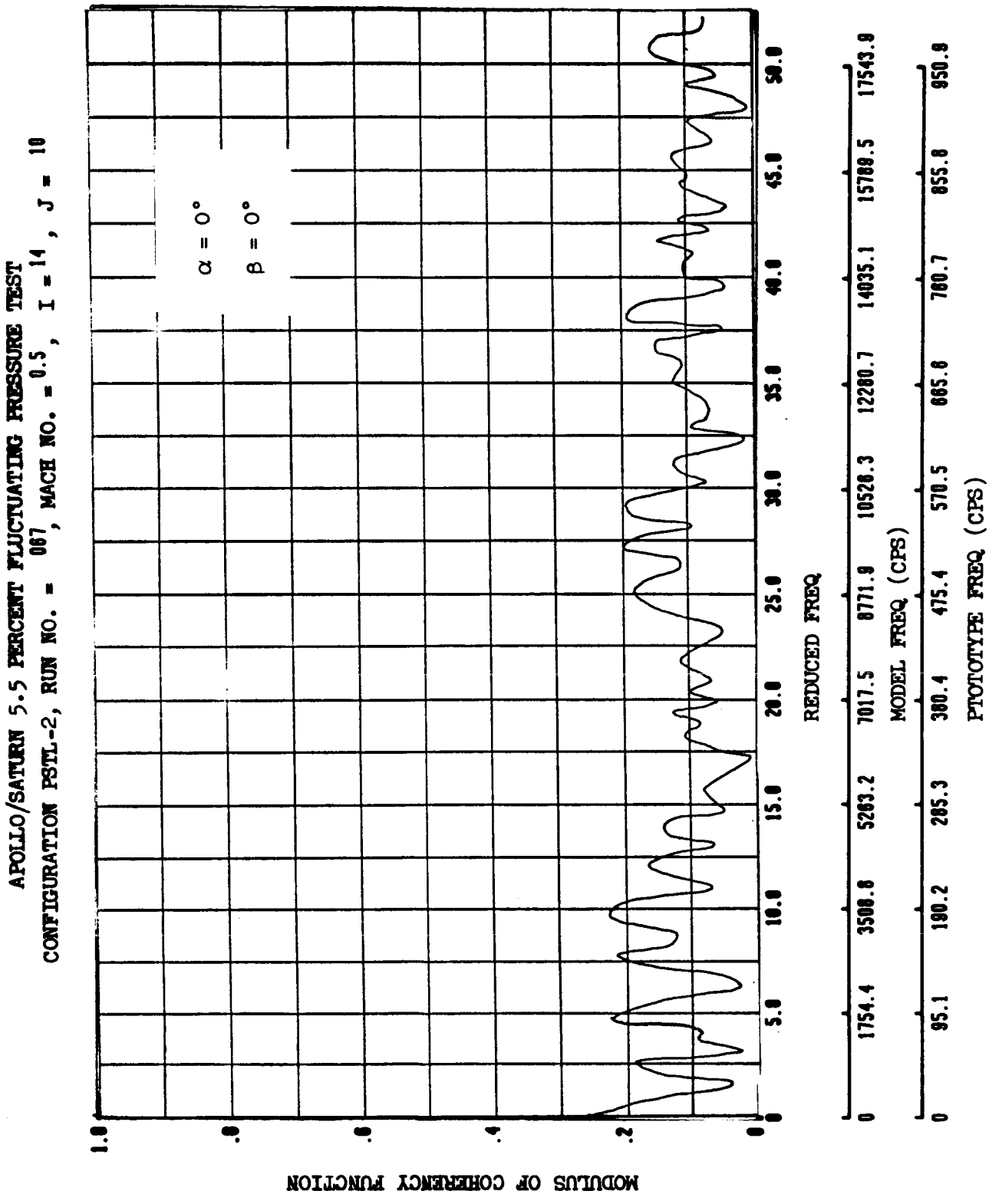


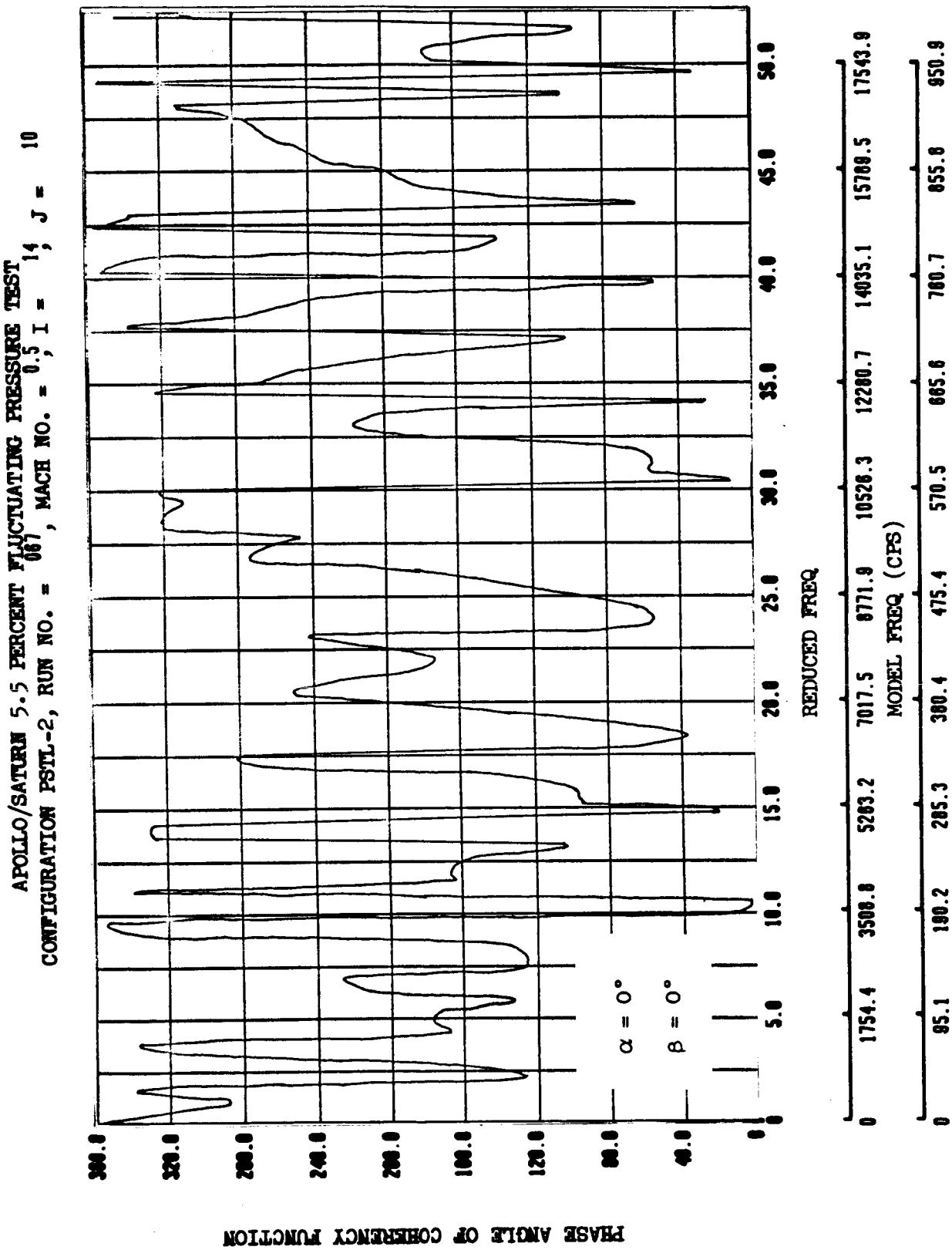

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 14, J = 10
α = 0°
β = 0°
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.
10 E-05
8.0
6.0
4.0
2.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15788.5
17543.9
MODEL FREQ (CPS)
S.F. = 027.02
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PROTOTYPE FREQ (CPS)
S.F. = 005.78

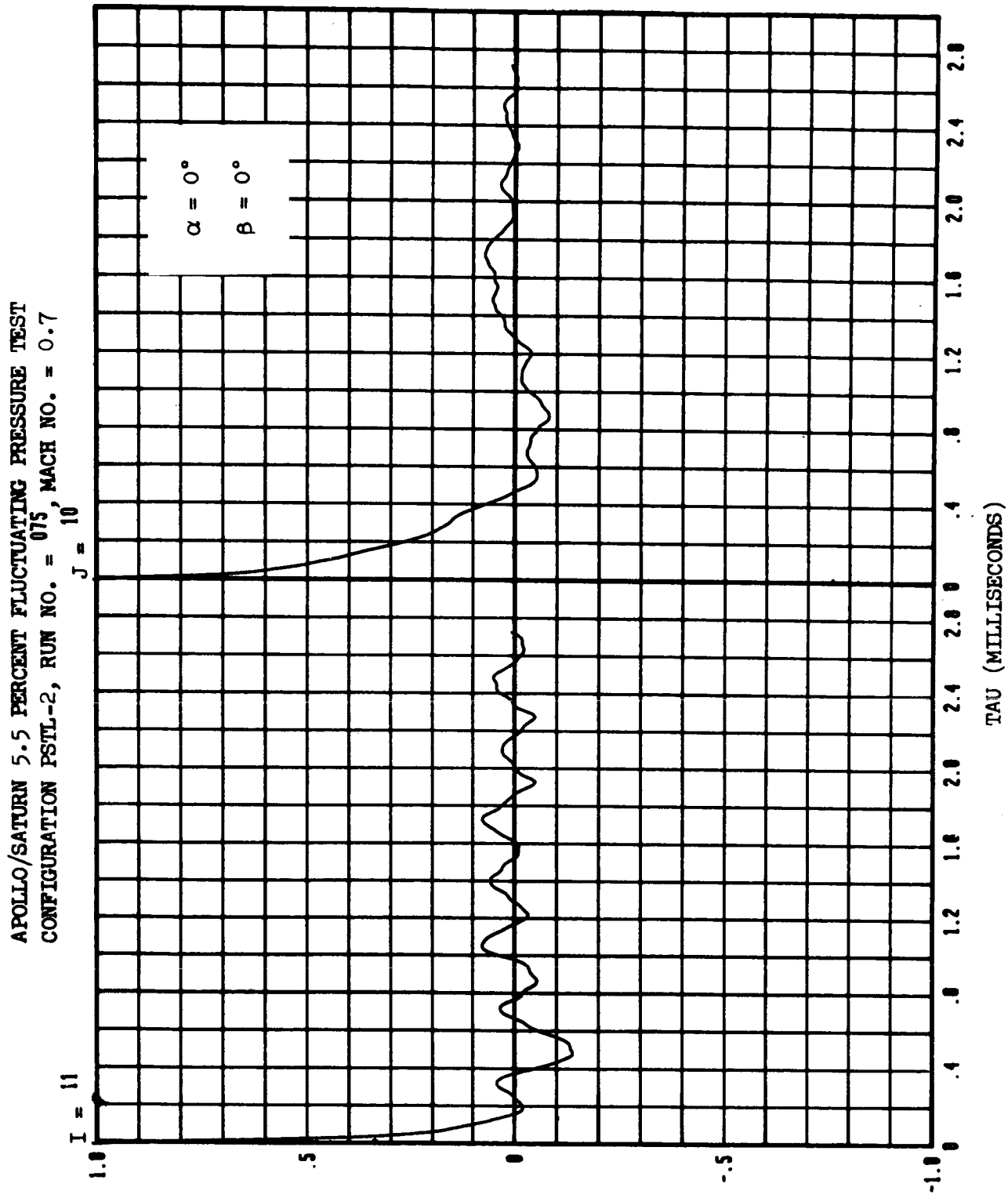

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.8, I = 14, J = 10
α = 0°
β = 0°
10 E-05
8.0
6.0
4.0
2.0
0.0
S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
S.F. = 027.02
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PROTOTYPE FREQ (CPS)
S.F. = 005.78

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 14, J = 10

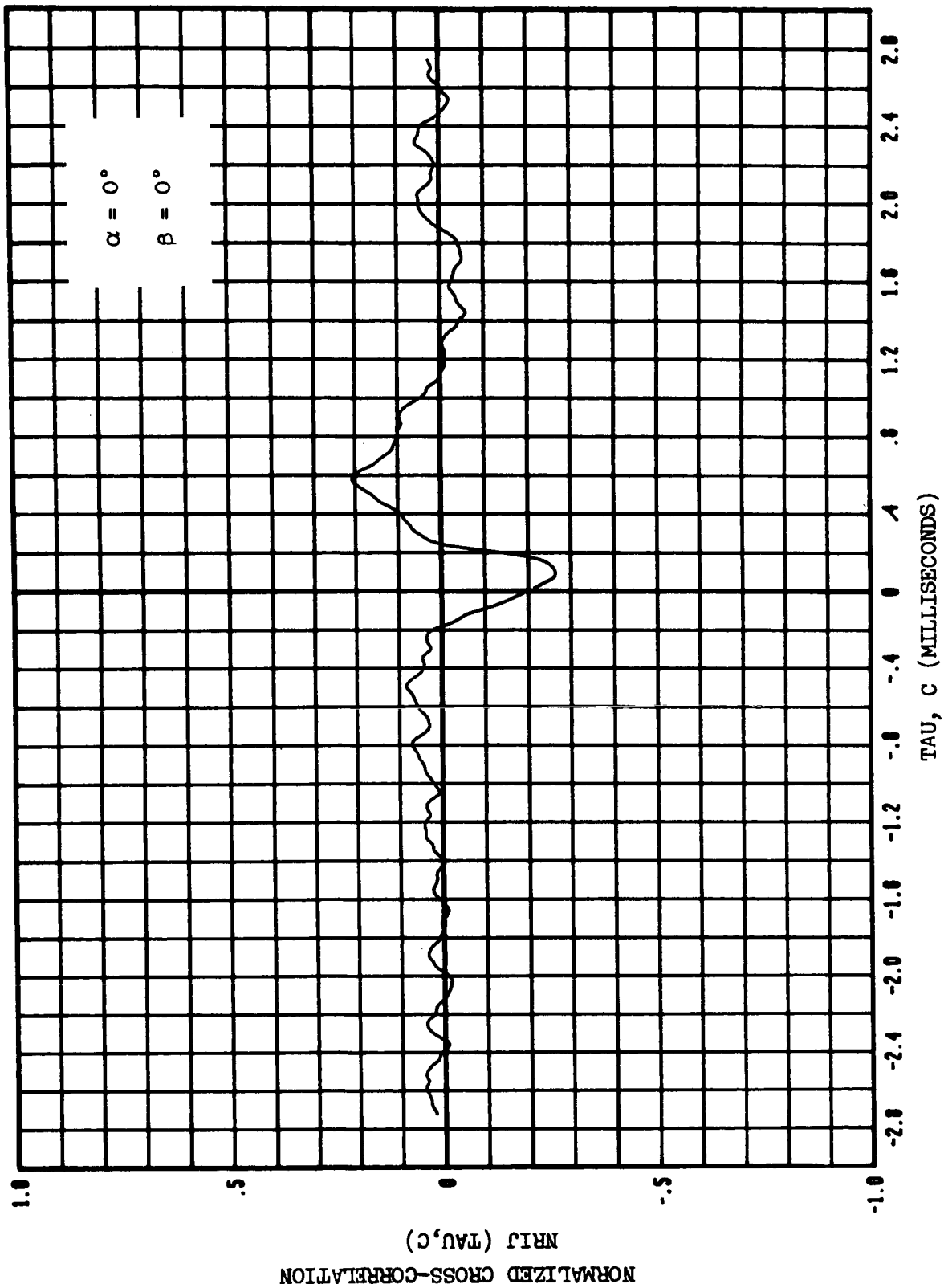


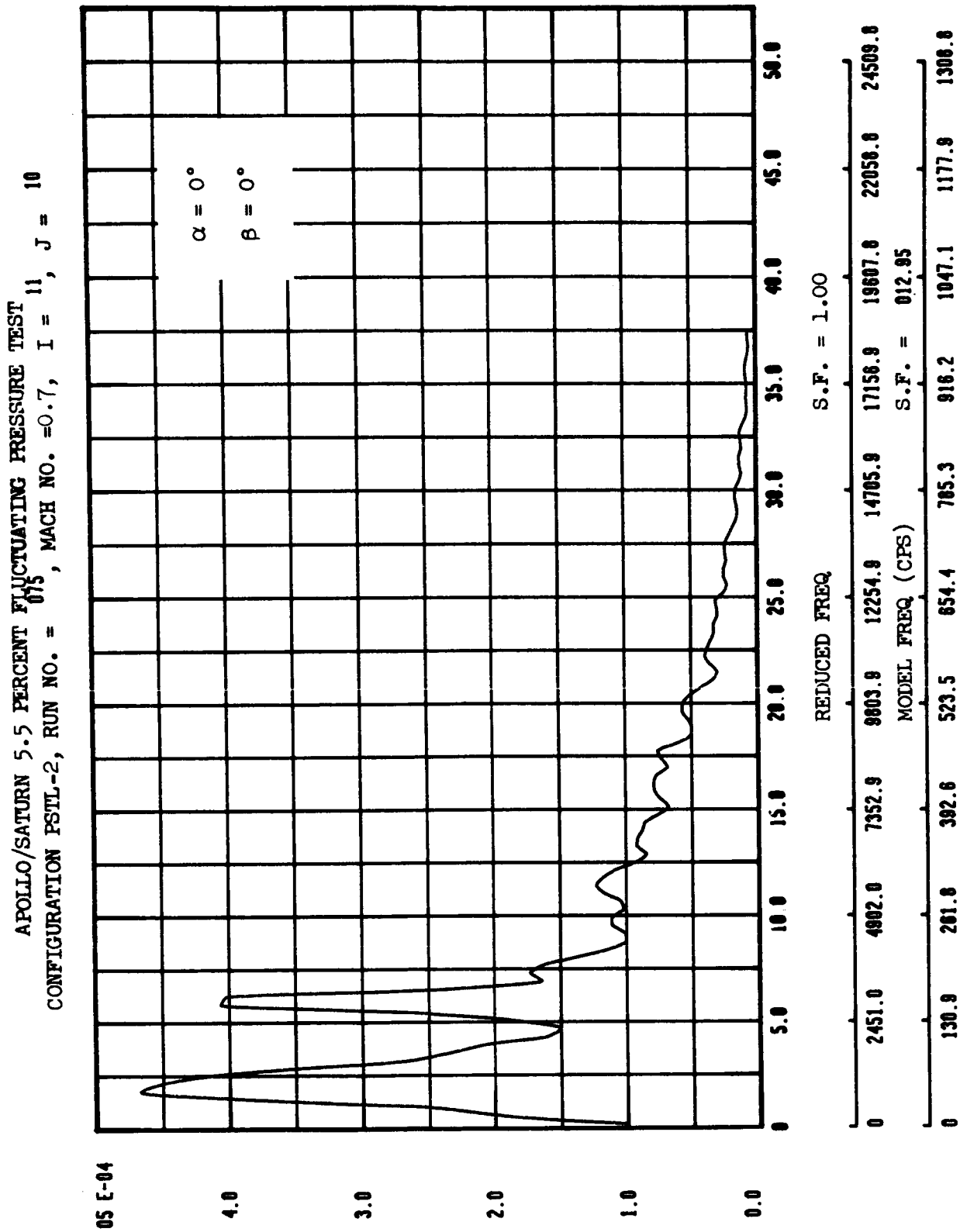

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 14, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 067, MACH NO. = 0.5, I = 14, J = 10
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0.0
α = 0°
β = 0°
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
1754.4
3508.8
5263.2
7017.5
8771.9
10526.3
12280.7
14035.1
15789.5
17543.9
MODEL FREQ (CPS)
0
95.1
190.2
285.3
380.4
475.4
570.5
665.6
760.7
855.8
950.9
PROTOTYPE FREQ (CPS)

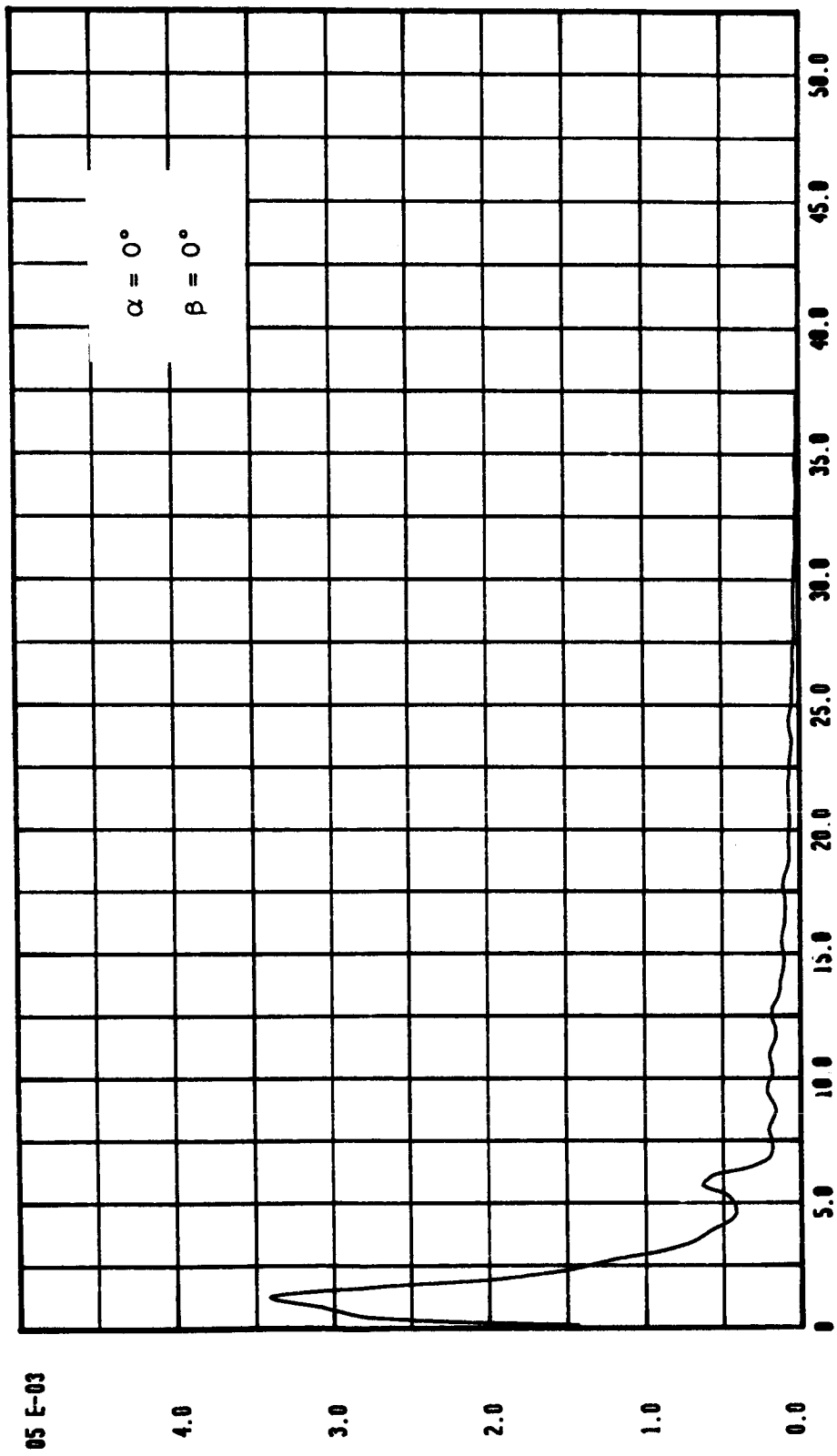

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7
J = 10
I = 11
α = 0°
β = 0°
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)

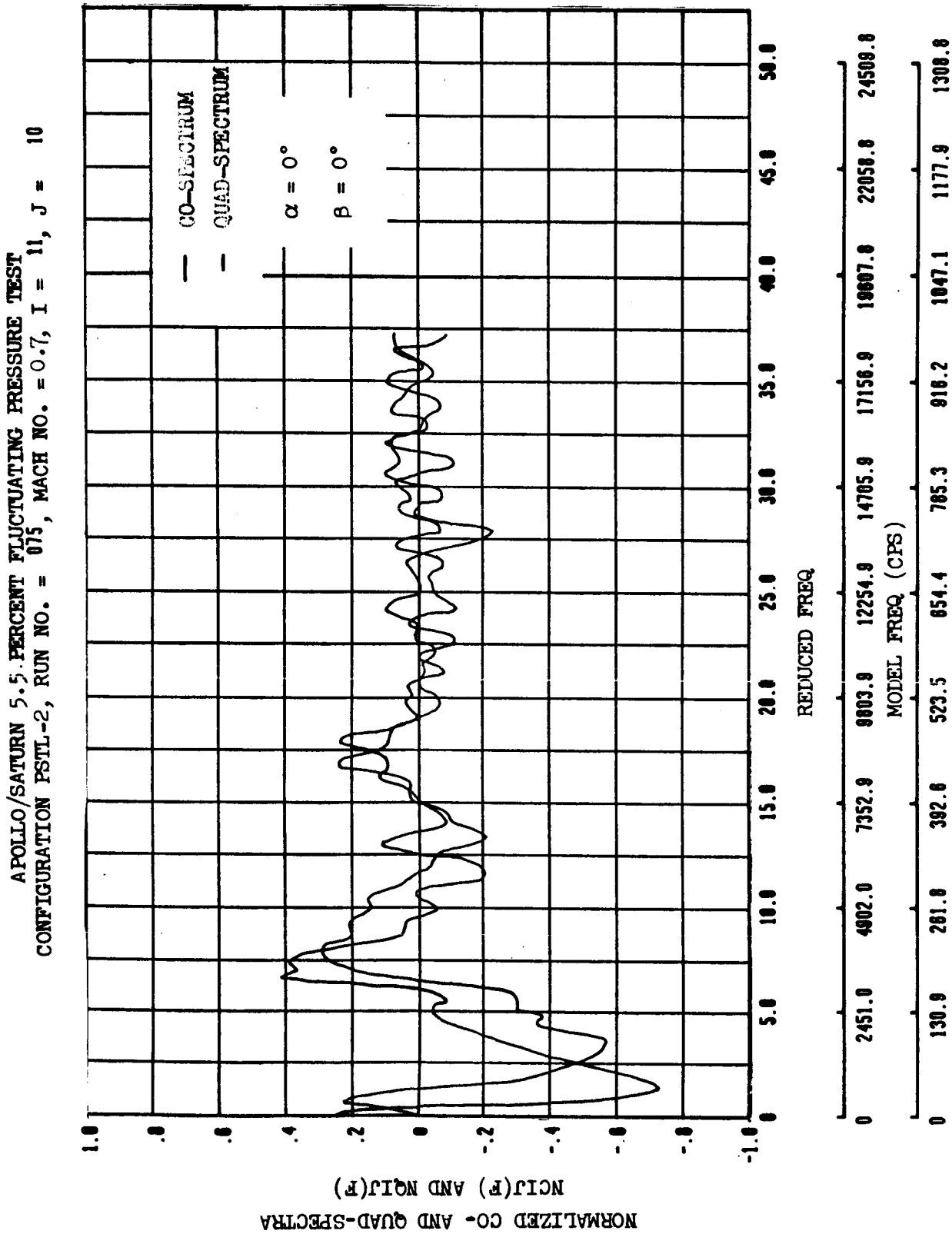
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7, I = 11, J = 10

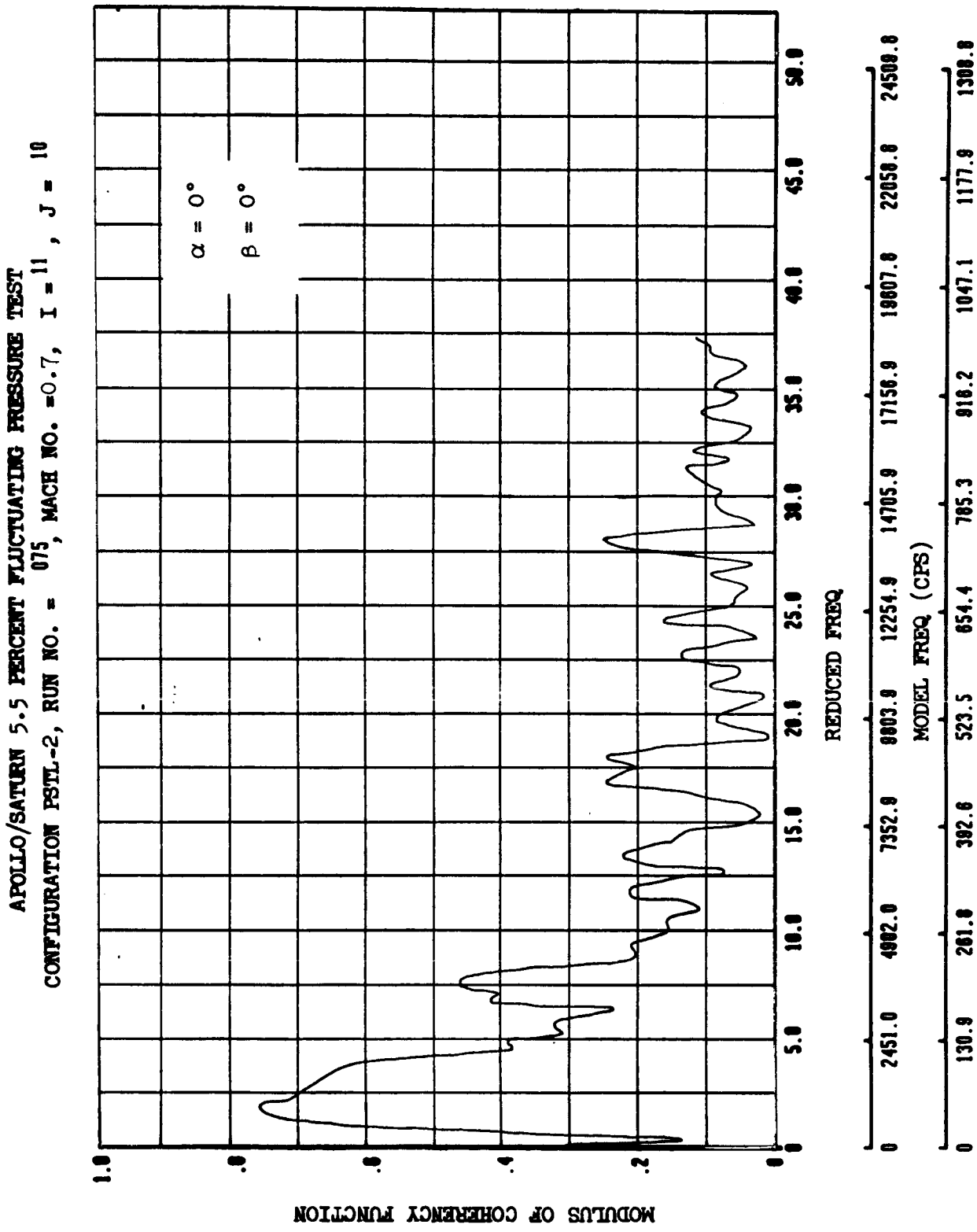


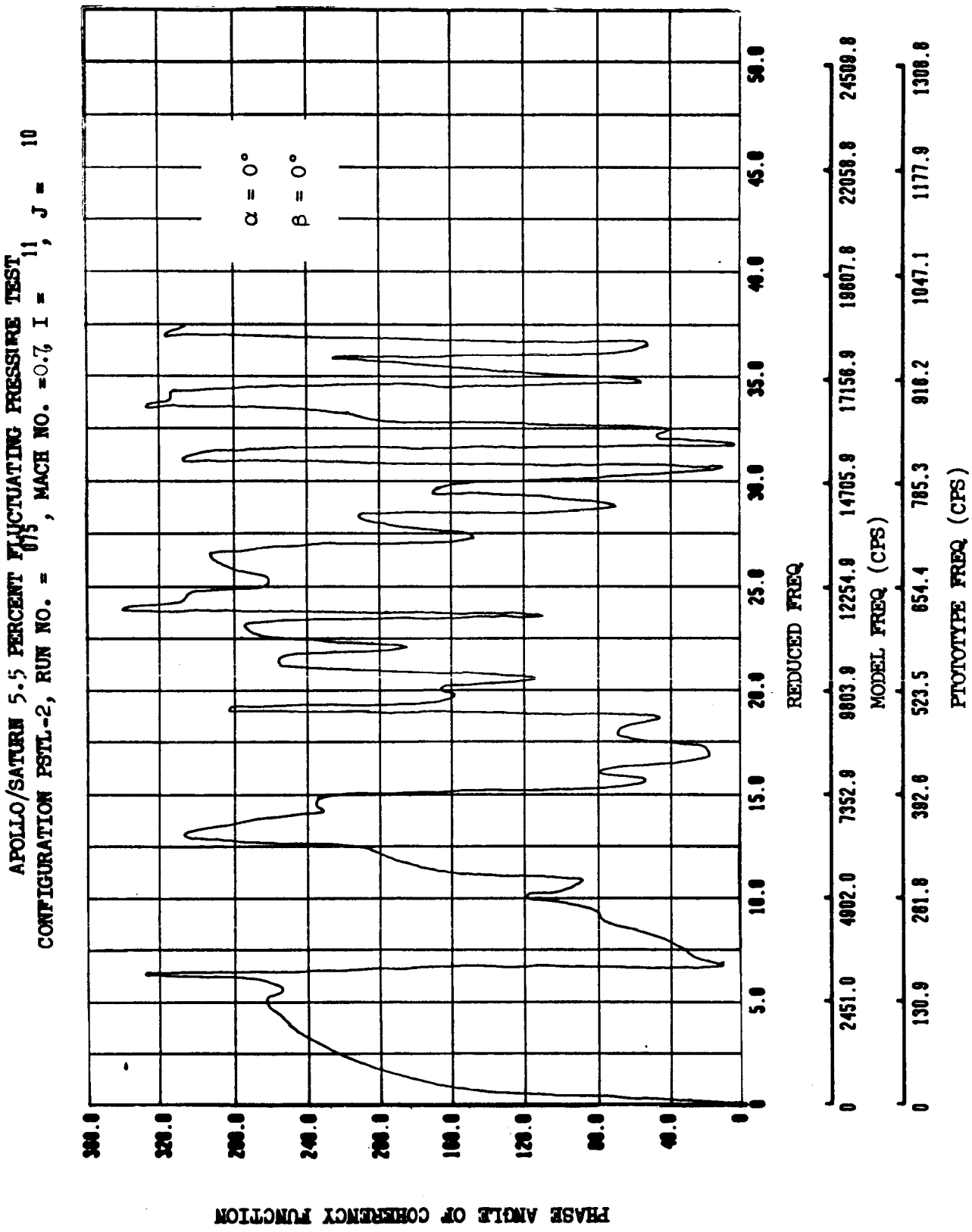

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 015, MACH NO. =0.7, I = 11, J = 10
α = 0°
β = 0°
05 E-04
4.0
3.0
2.0
1.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.8
22058.8
24509.8
MODEL FREQ (CPS)
S.F. = 012.95
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PROTOTYPE FREQ (CPS)
S.F. = 002.99
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

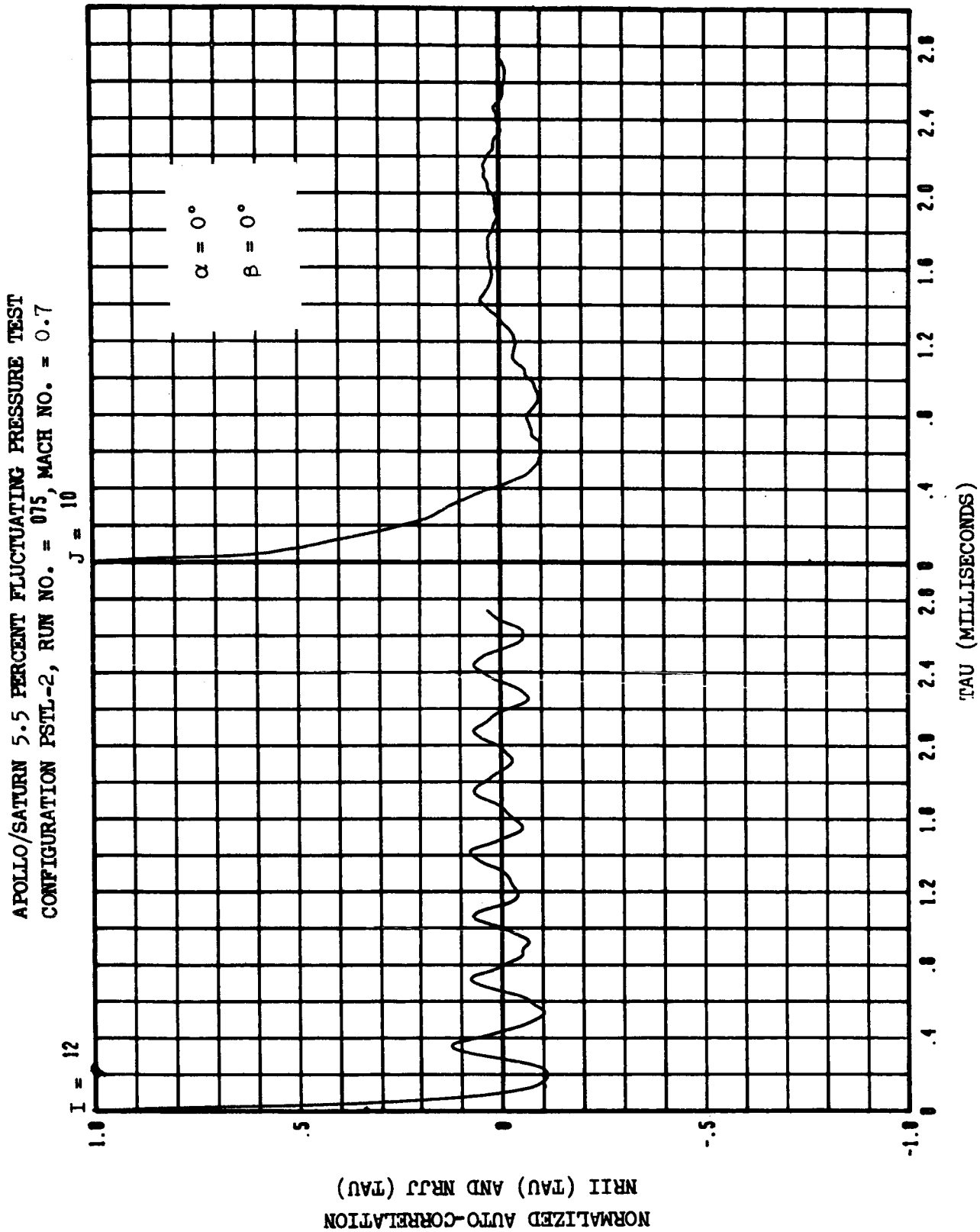
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7, I = 11, J = 18

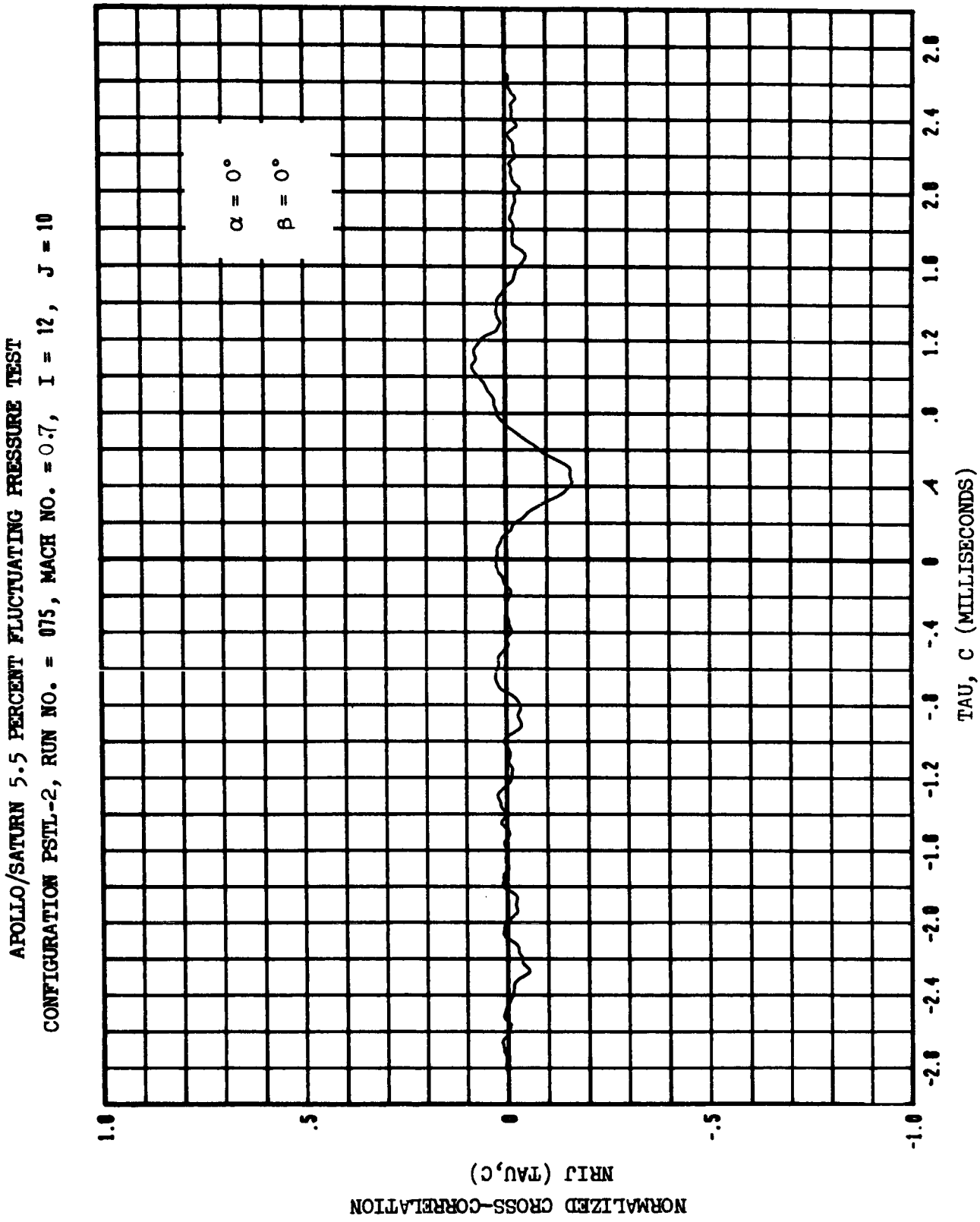


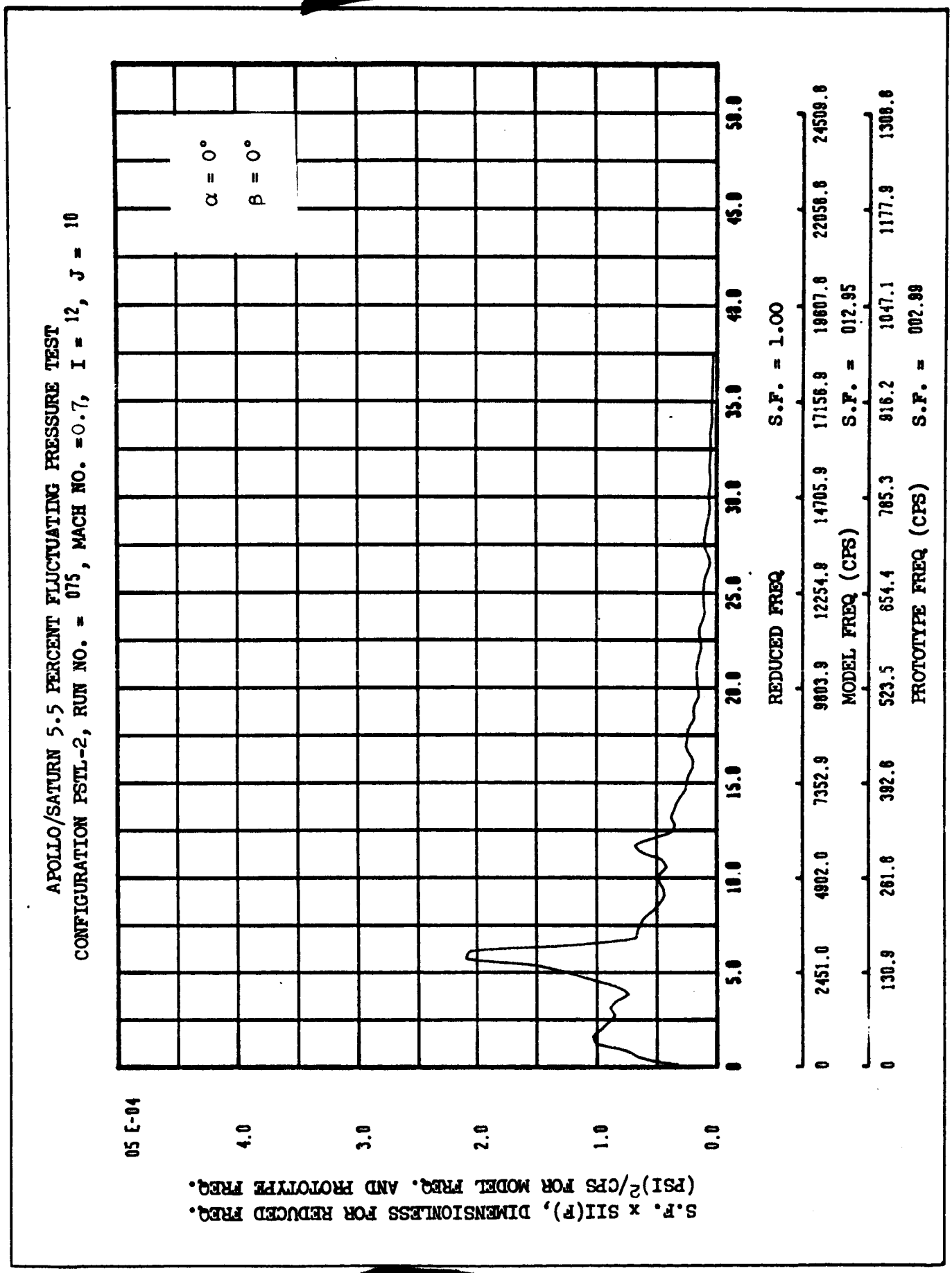

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7, I = 11, J = 10
CO-SPECTRUM
QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.8
22058.8
24509.8
MODEL FREQ (CPS)
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PTCTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. =0.7, I = 11, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.8
22058.8
24509.8
MODEL FREQ (CPS)
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PTOTOTYPE FREQ (CPS)

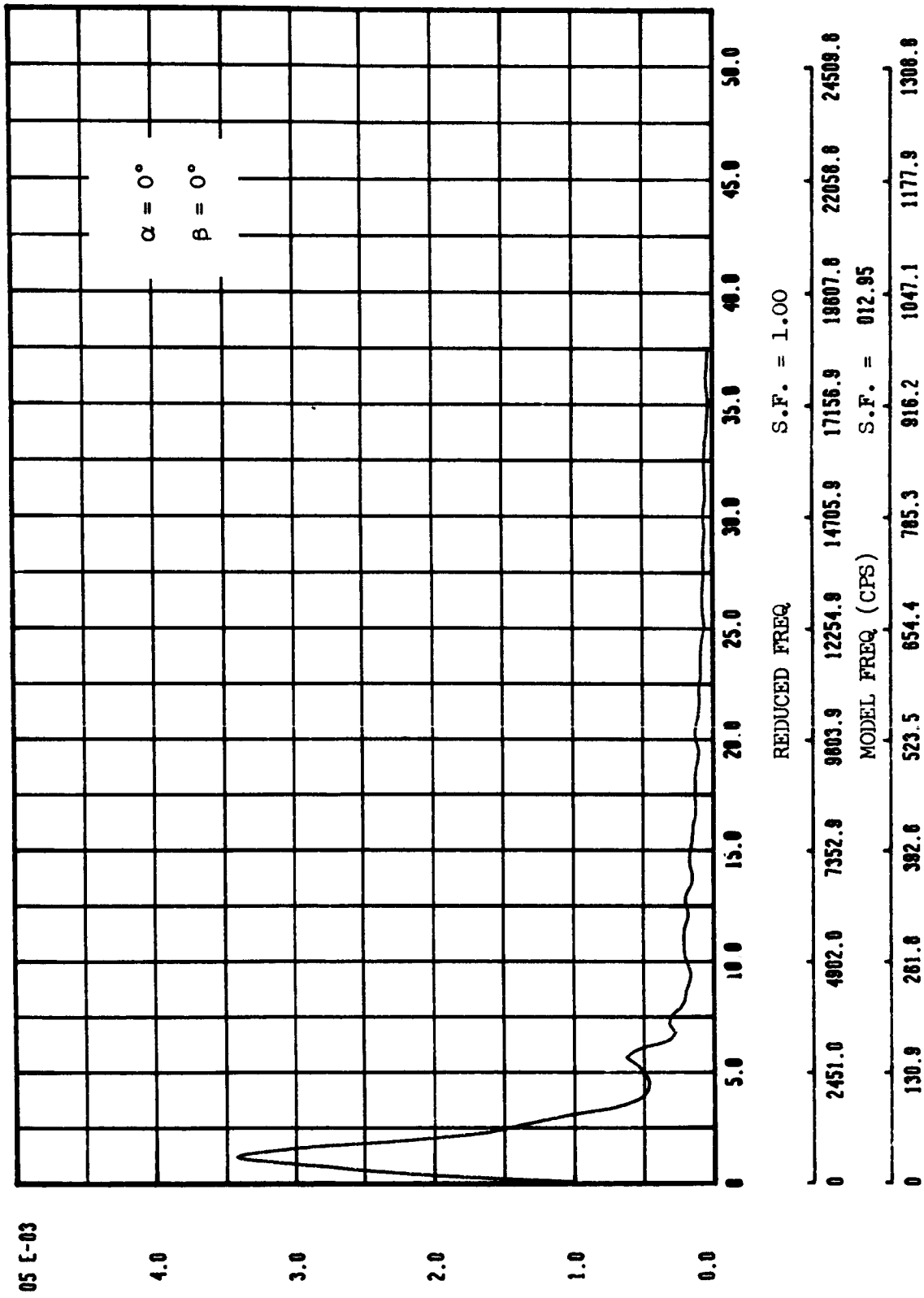

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. =0.7 I = 11, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.8
22058.8
24509.8
MODEL FREQ (CPS)
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7
I = 12
J = 10
α = 0°
β = 0°
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7, I = 12, J = 10
α = 0°
β = 0°
NORMALIZED CROSS-CORRELATION
NRIJ (TAU,C)
1.0
.5
0
-.5
-1.0
-2.8
-2.4
-2.0
-1.6
-1.2
-.8
-.4
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU, C (MILLISECONDS)

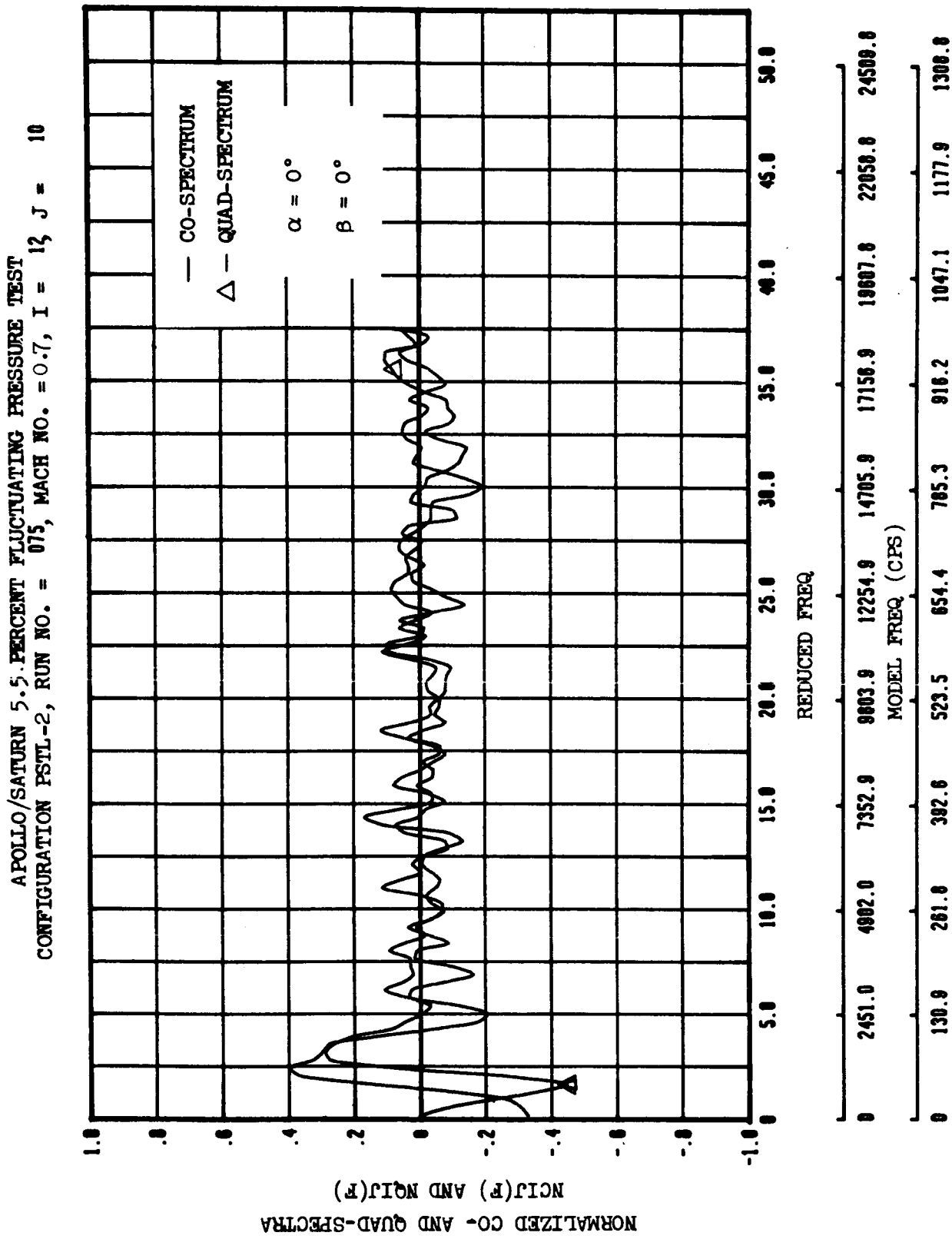

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. =0.7, I = 12, J = 10
α = 0°
β = 0°
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.
05 E-04
4.0
3.0
2.0
1.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
2451.0
4902.0
7352.9
9803.9
12254.8
14705.9
17156.8
19607.8
22058.8
24509.8
MODEL FREQ (CPS)
S.F. = 012.95
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PROTOTYPE FREQ (CPS)
S.F. = 002.99

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7, I = 12, J = 10



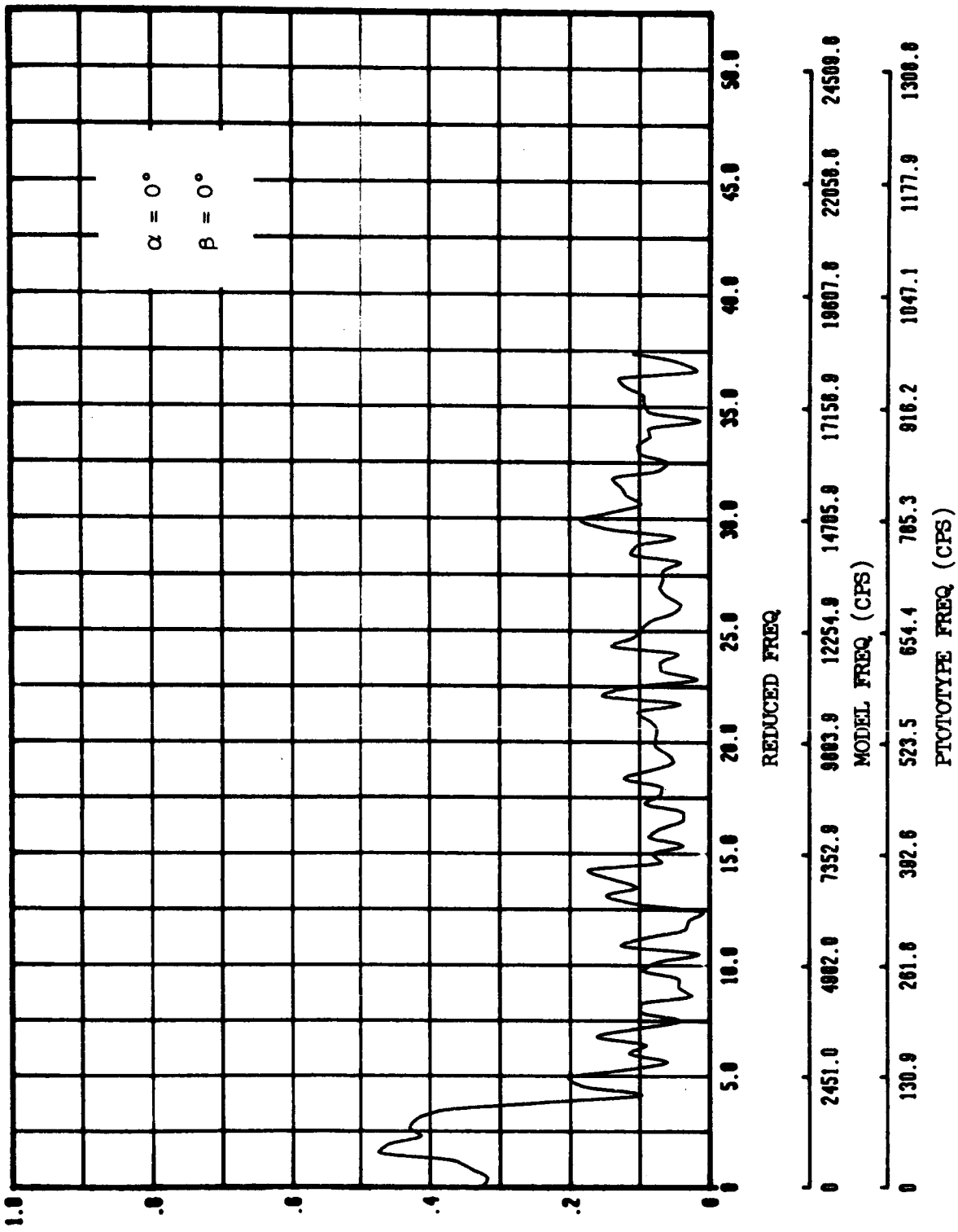
S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

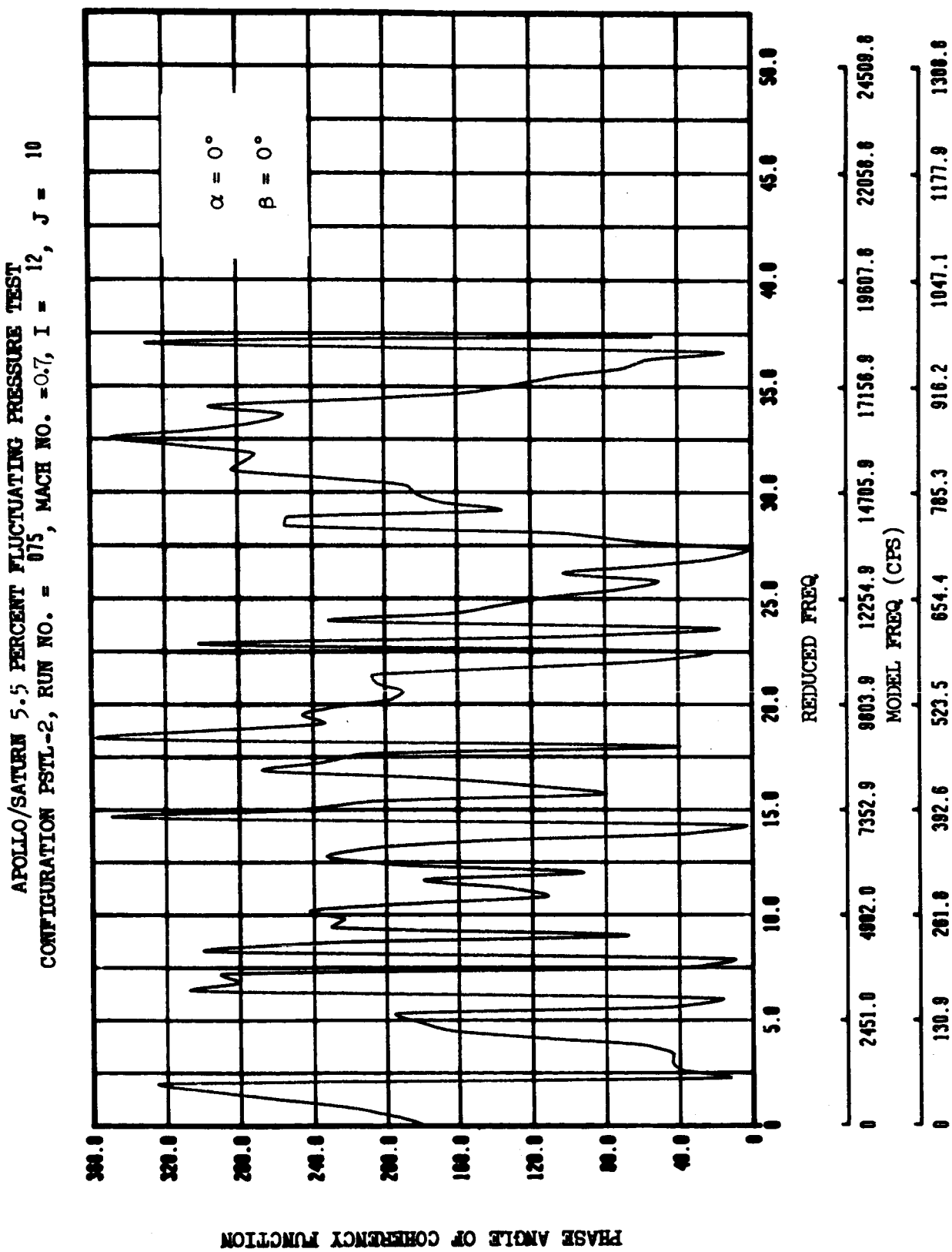
[redacted]

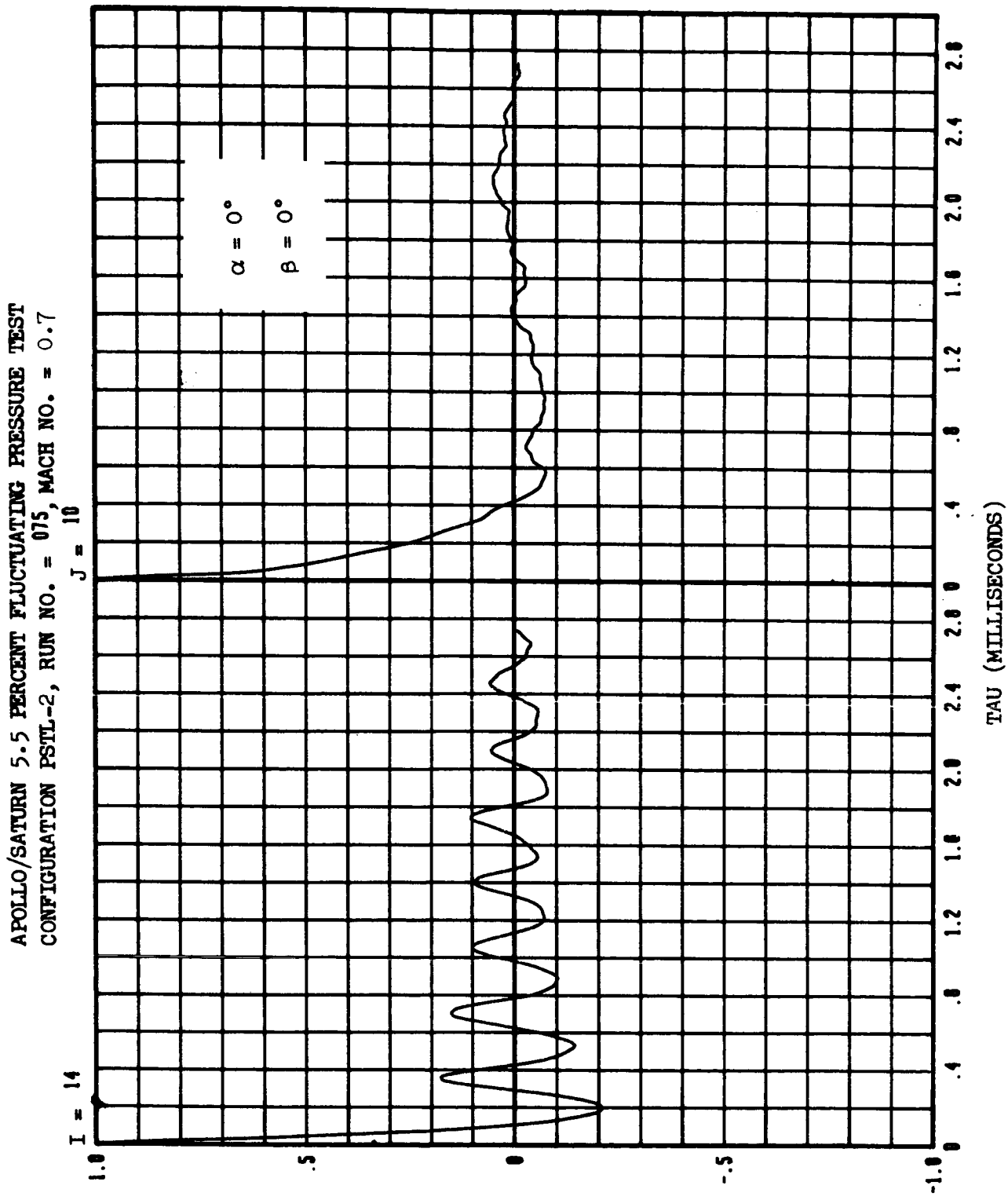


[redacted]

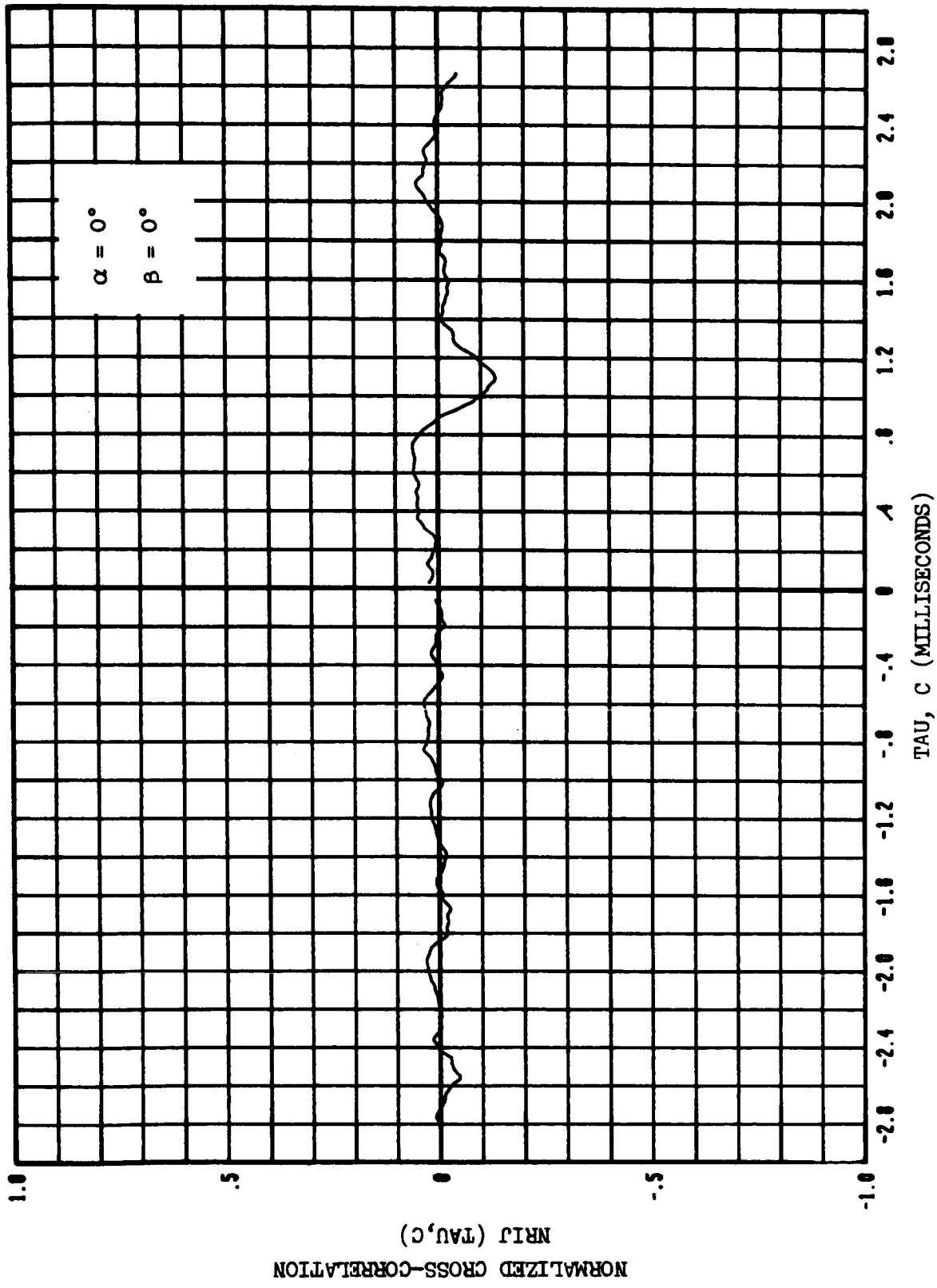
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7, I = 12, J = 10

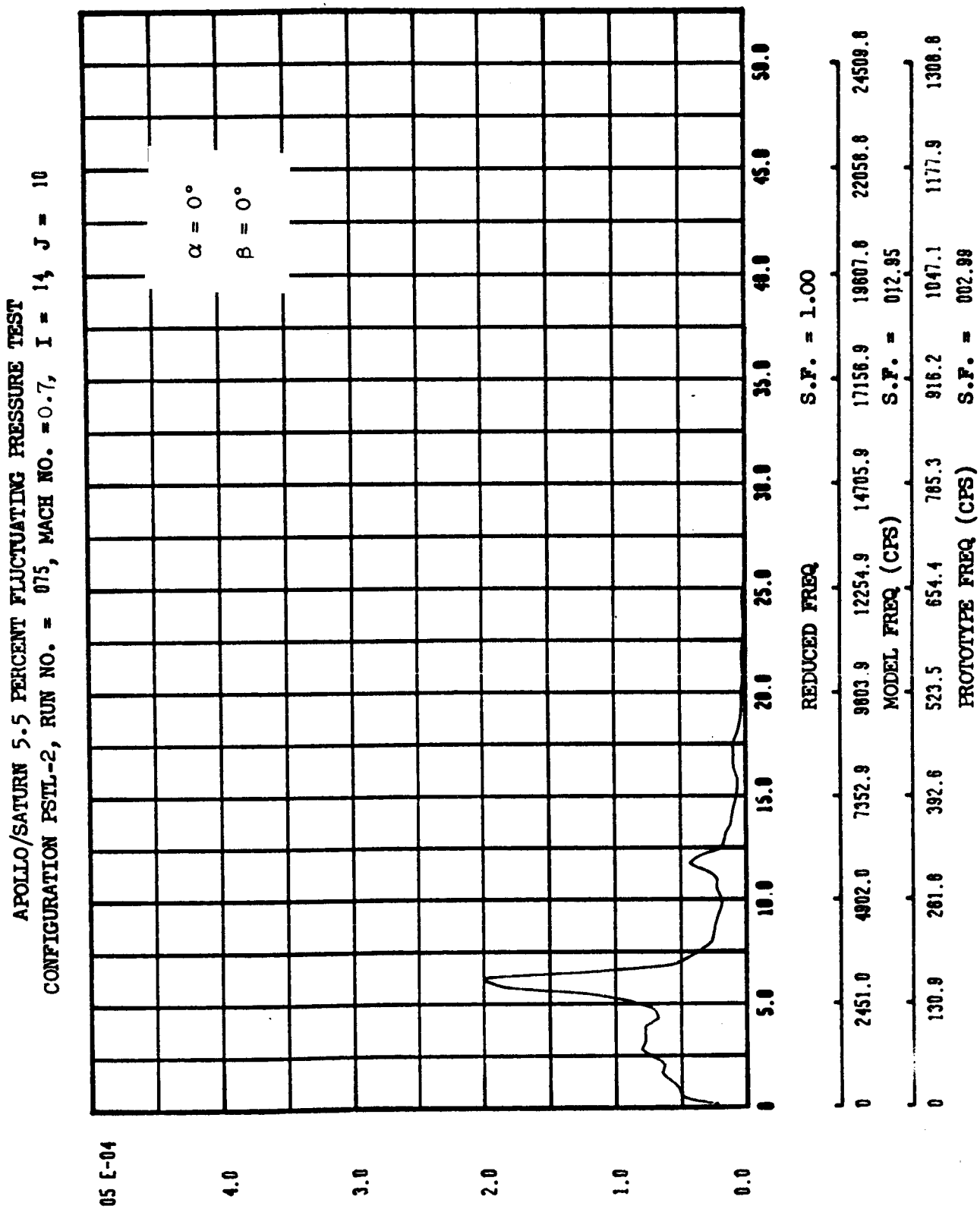



APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. =0.7, I = 12, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.8
22058.8
24509.8
MODEL FREQ (CPS)
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PTOTOTYPE FREQ (CPS)

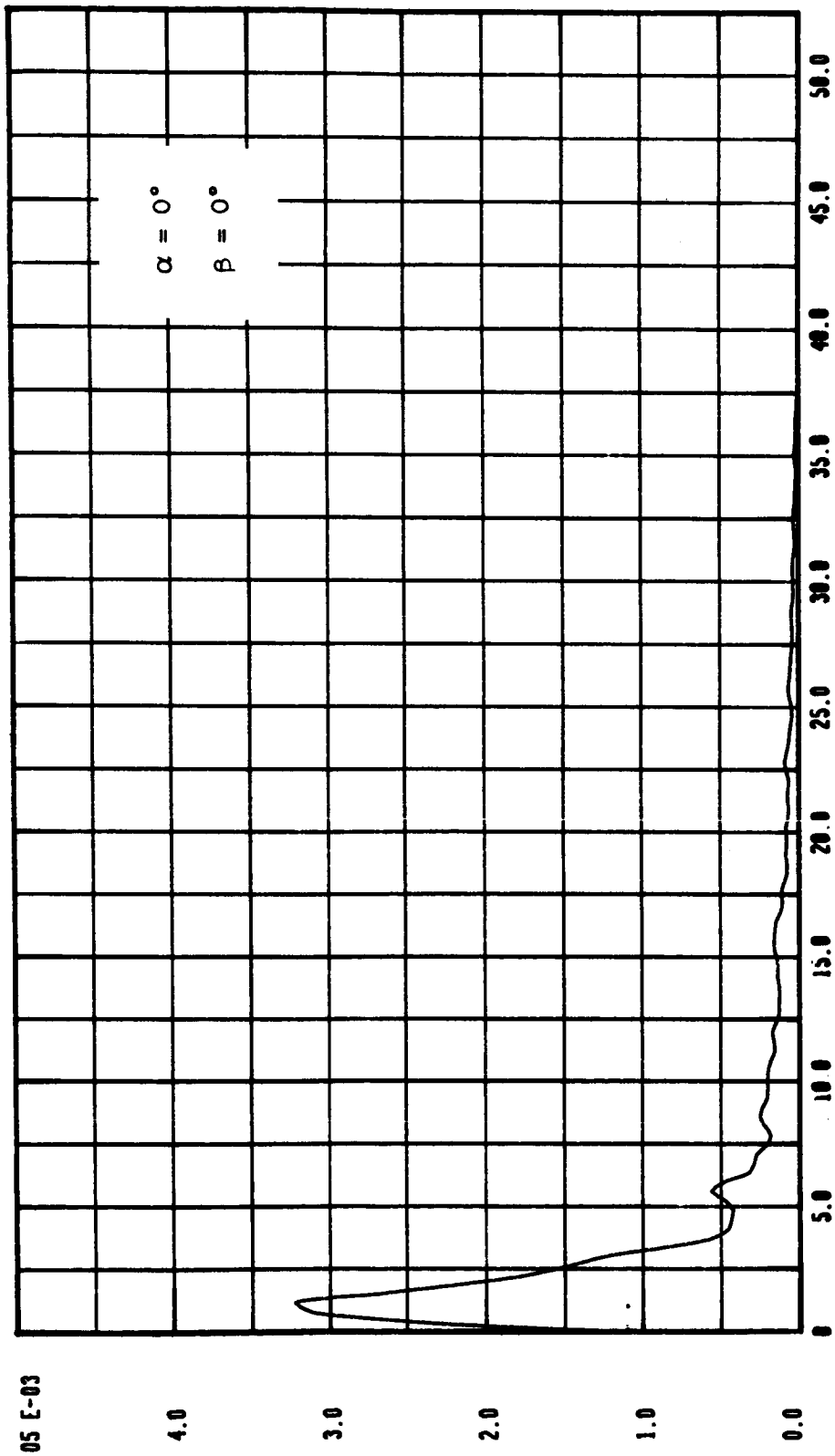

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7
I = 14
J = 10
α = 0°
β = 0°
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7, I = 14, J = 18




APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. =0.7, I = 14, J = 10
α = 0°
β = 0°
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.
05 E-04
4.0
3.0
2.0
1.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.8
22058.8
24509.8
MODEL FREQ (CPS)
S.F. = 012.95
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PROTOTYPE FREQ (CPS)
S.F. = 002.98

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. =0.7, I = 14, J = 10



REDUCED FREQ S.F. = 1.00

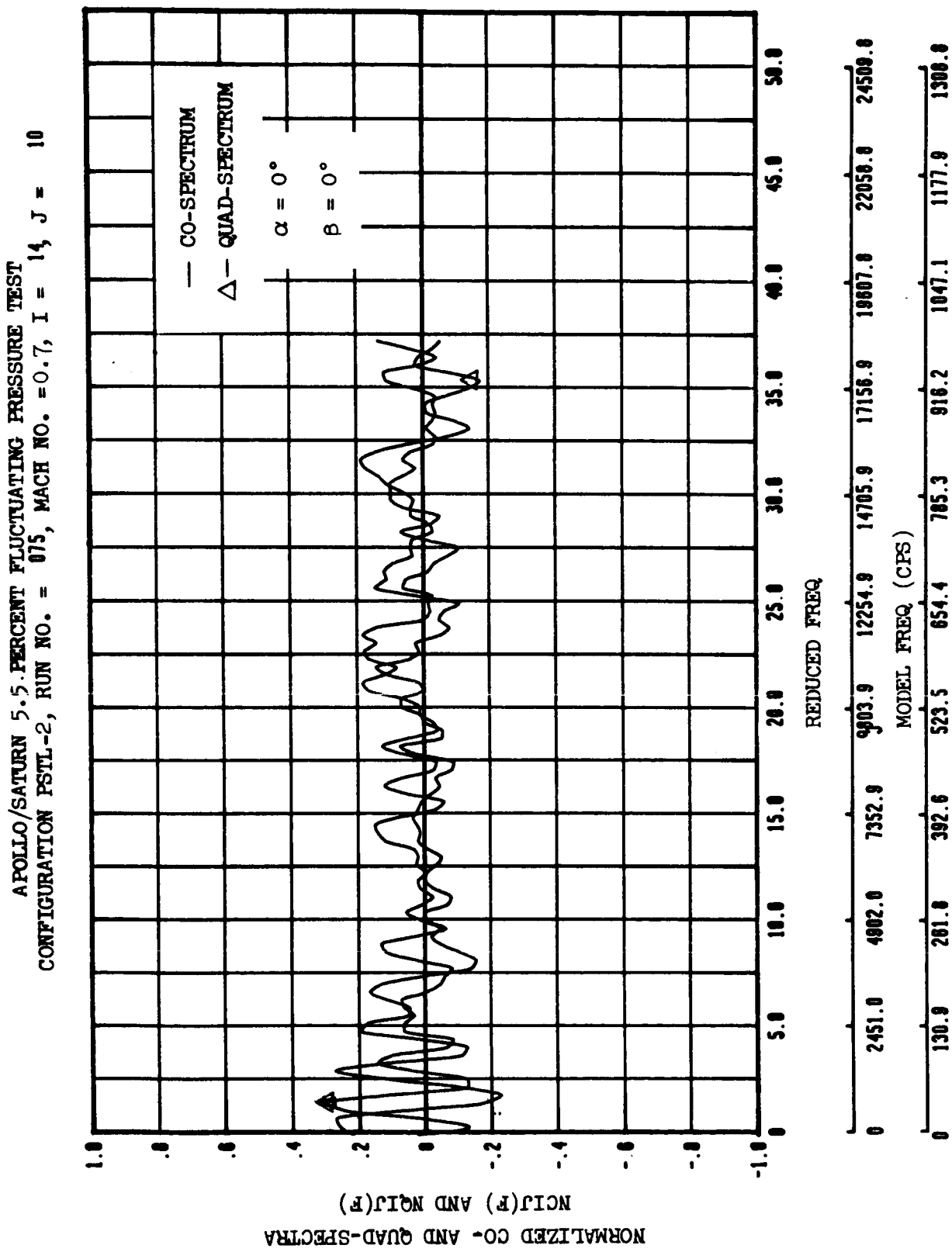
0	2451.0	4902.0	7352.9	9803.9	12254.9	14705.9	17156.9	19607.8	22058.8	24509.8

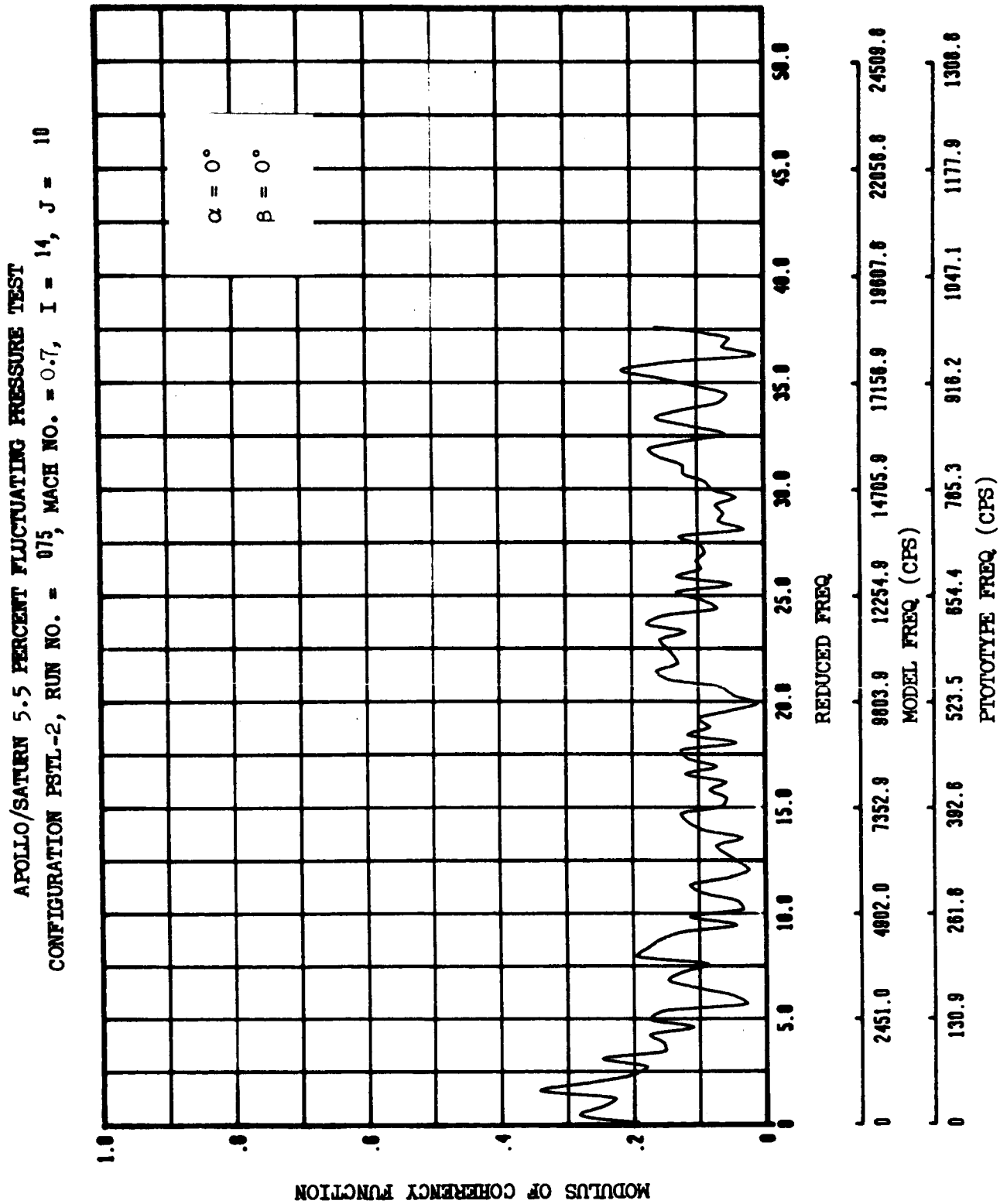
MODEL FREQ (CPS) S.F. = 012.95

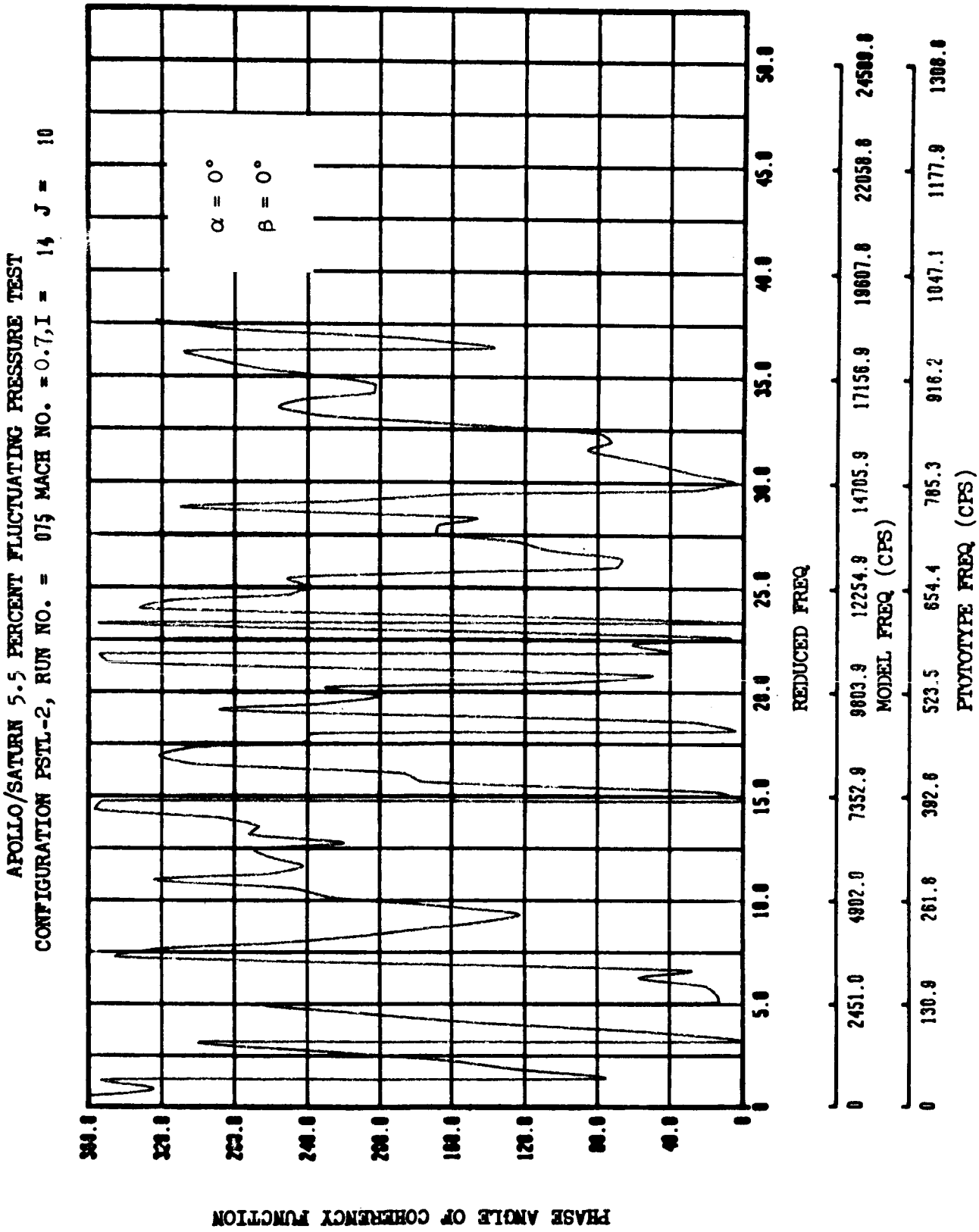
0	130.9	261.8	392.6	523.5	654.4	785.3	916.2	1047.1	1177.9	1308.8

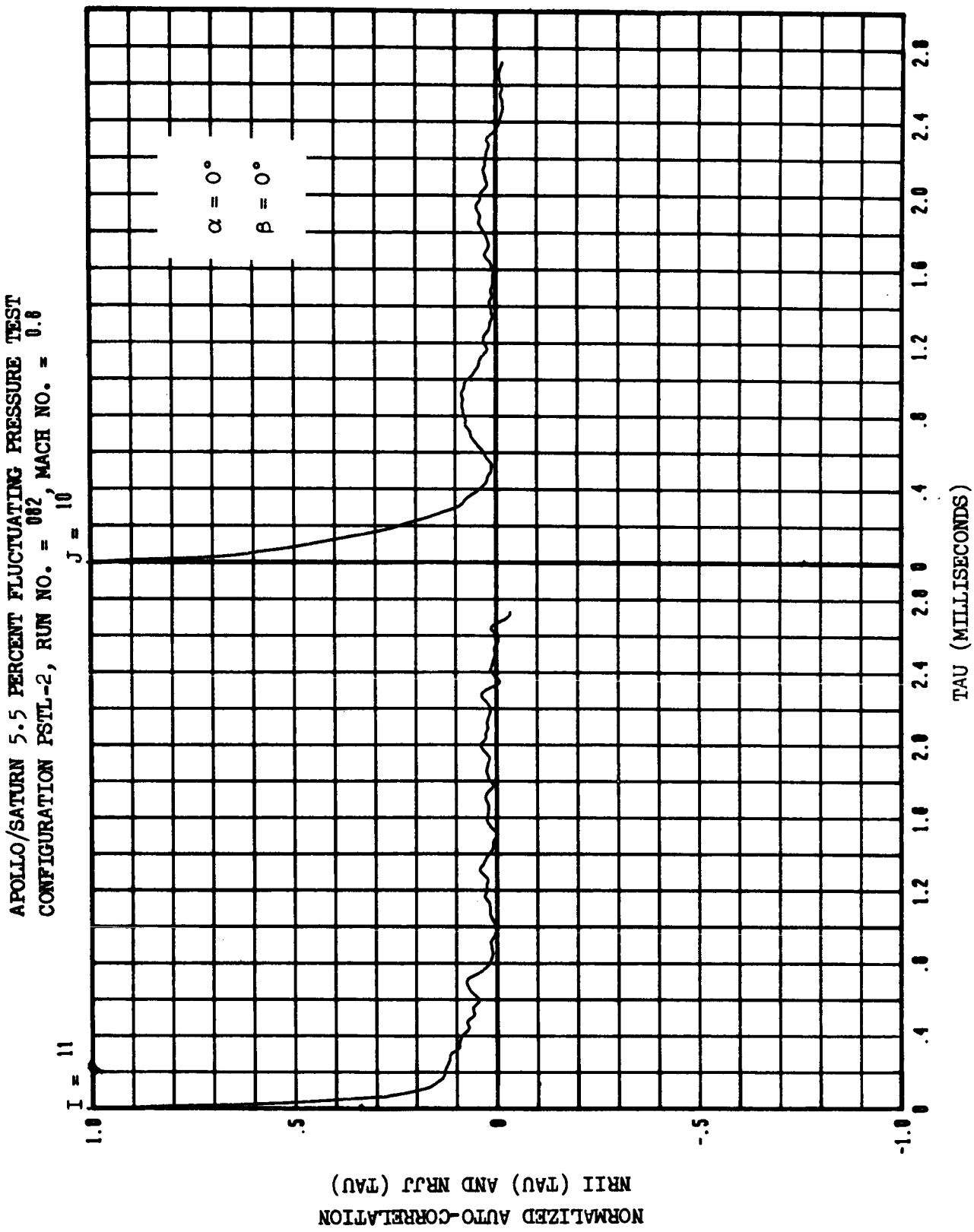
PROTOTYPE FREQ (CPS) S.F. = 002.99

S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

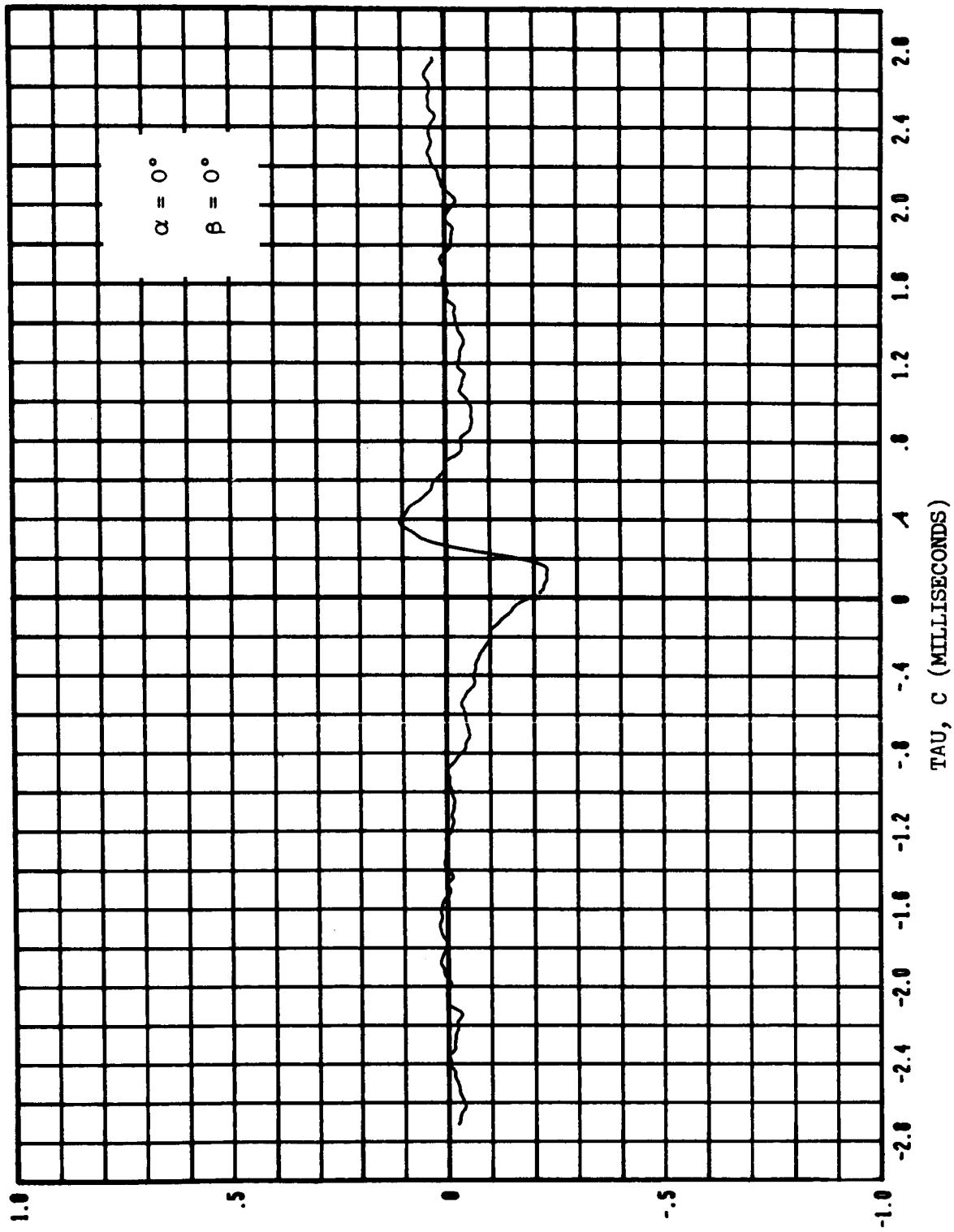

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. =0.7, I = 14, J = 10
— CO-SPECTRUM
Δ— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.0
22058.0
24509.0
MODEL FREQ (CPS)
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PTOTOTYPE FREQ (CPS)

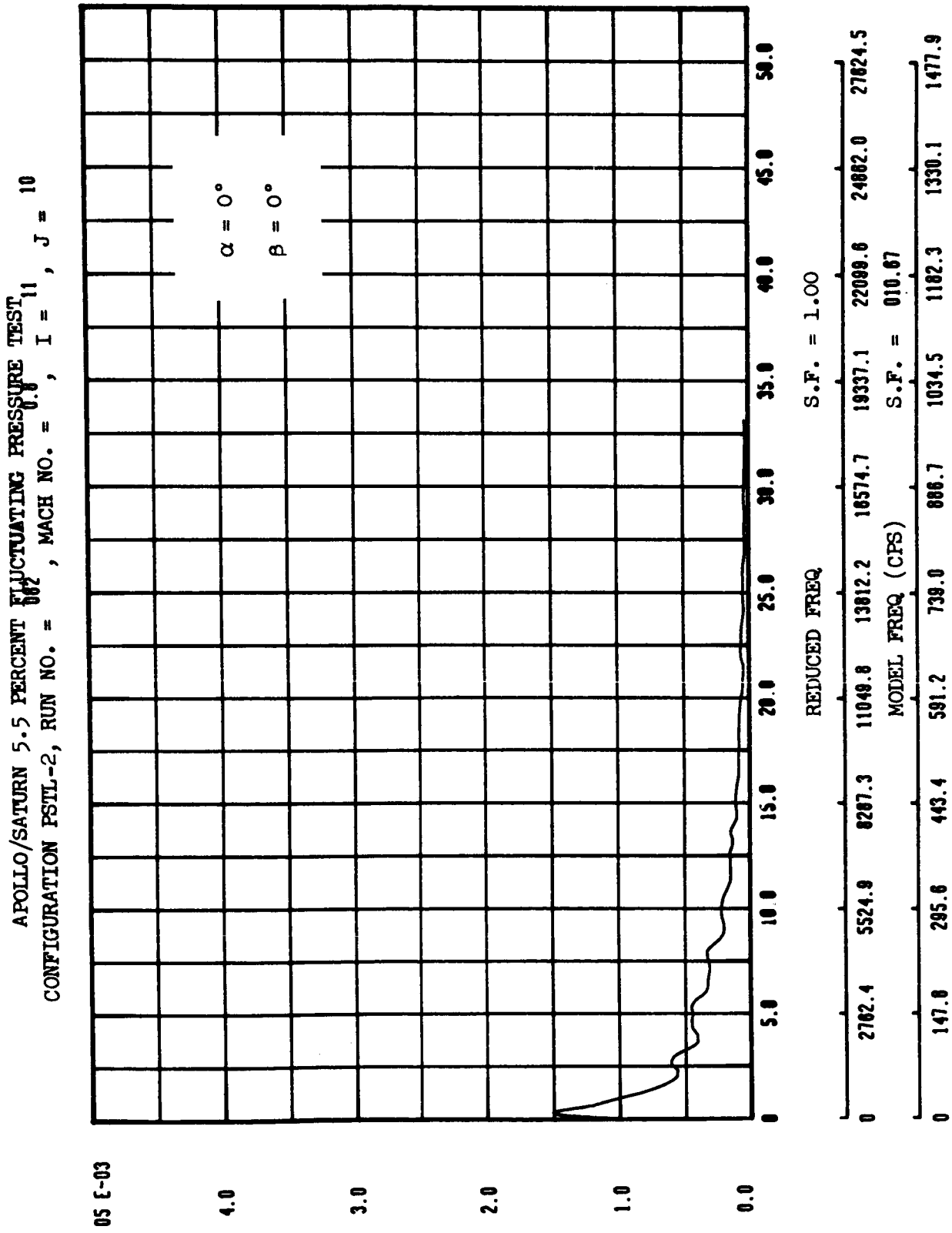

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075, MACH NO. = 0.7, I = 14, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.8
22058.8
24509.8
MODEL FREQ (CPS)
0
130.9
261.8
392.6
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PTOTOTYPE FREQ (CPS)

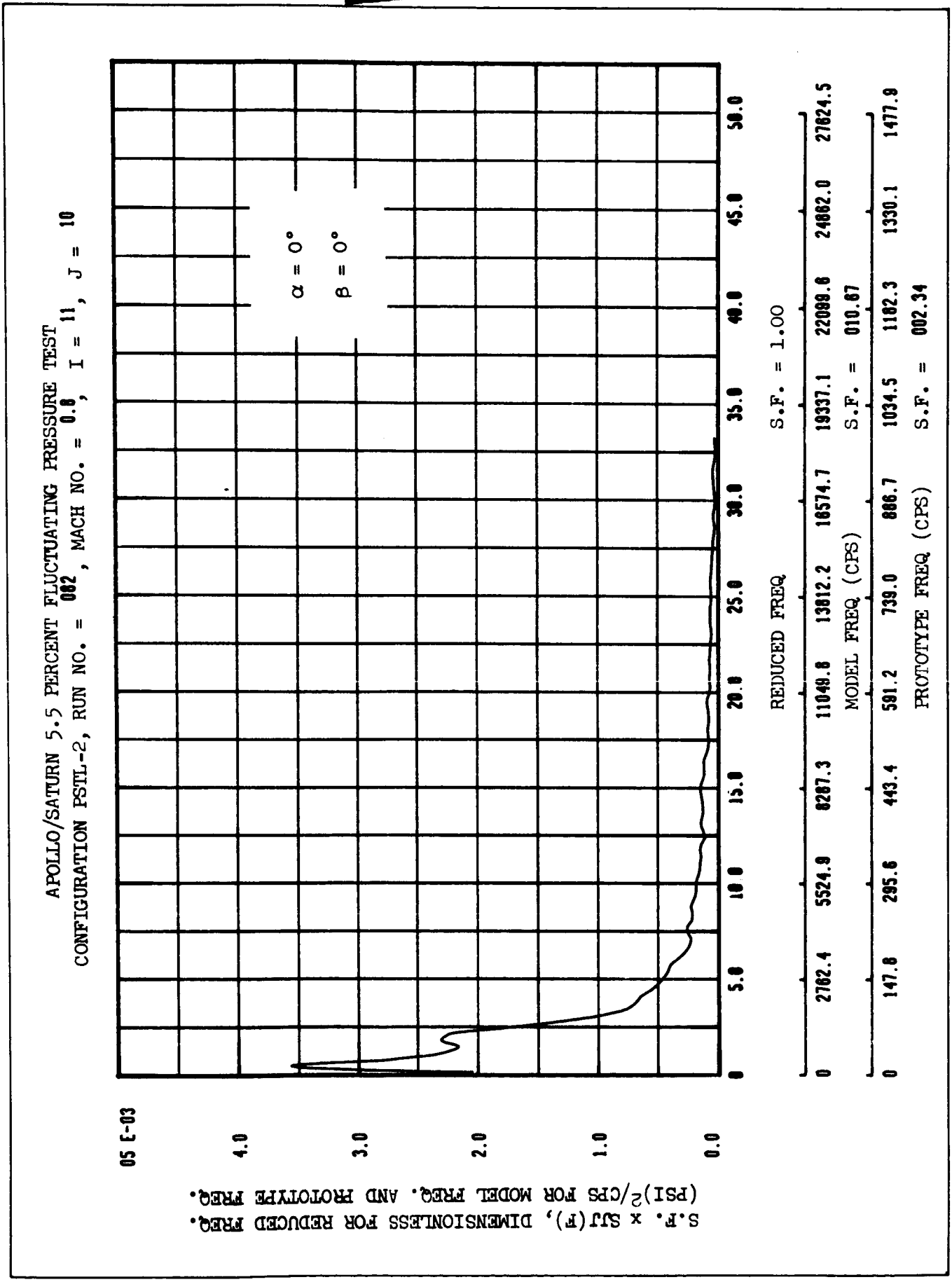

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 075 MACH NO. = 0.7, I = 14 J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2451.0
4902.0
7352.9
9803.9
12254.9
14705.9
17156.9
19607.0
22058.0
24509.0
MODEL FREQ (CPS)
0
130.9
261.8
392.8
523.5
654.4
785.3
916.2
1047.1
1177.9
1308.8
PROTOTYPE FREQ (CPS)

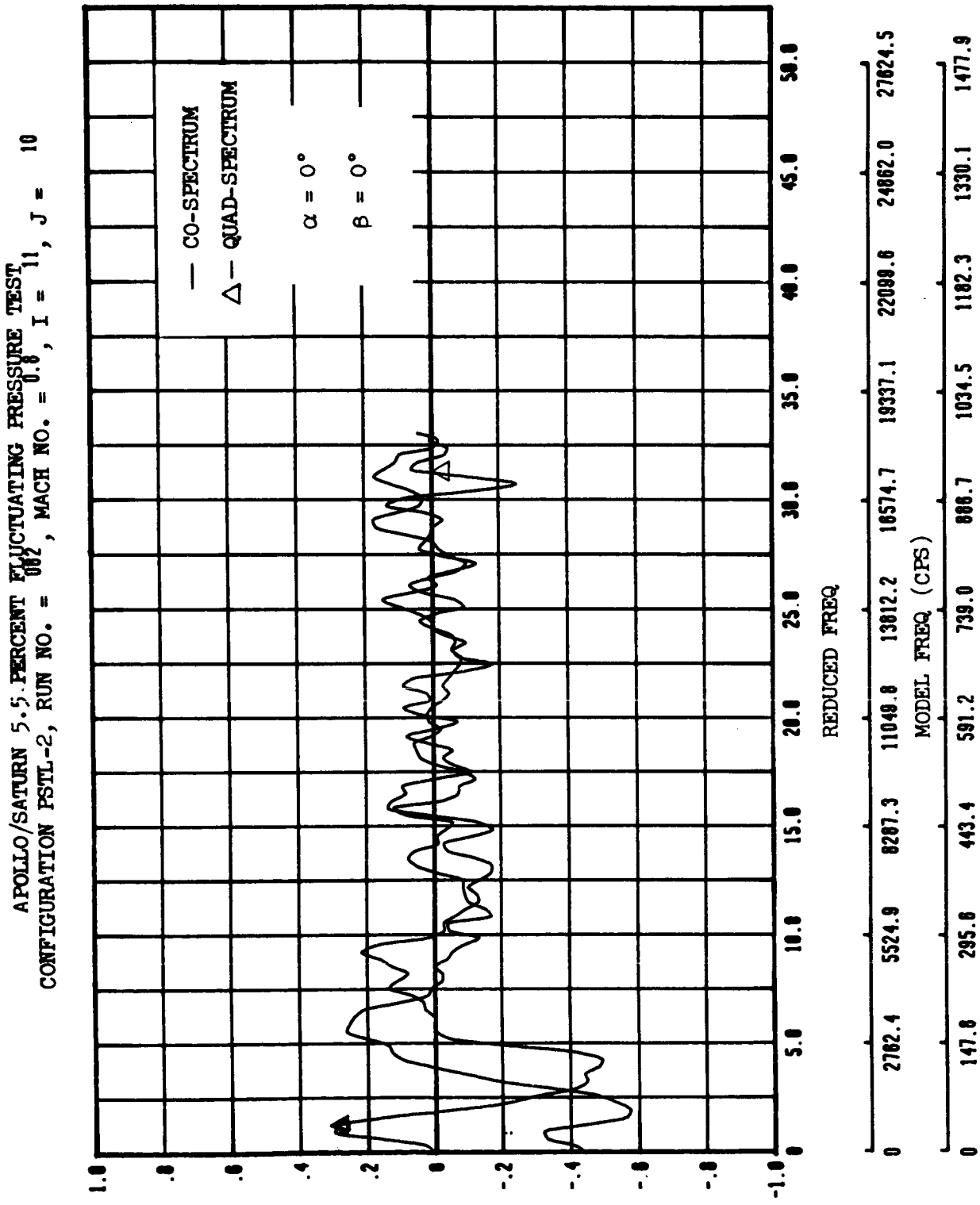

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8
I = 11
J = 10
α = 0°
β = 0°
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)

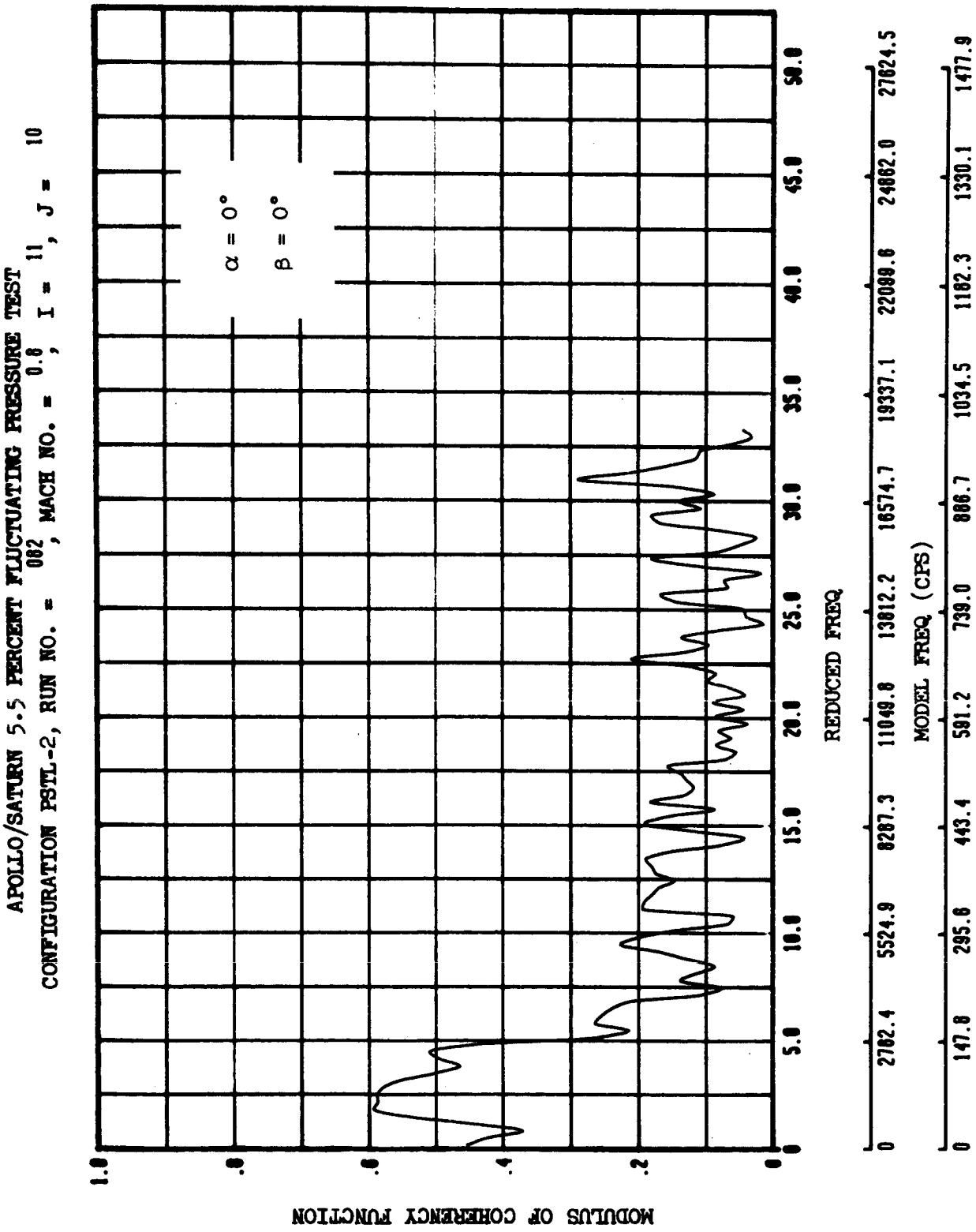
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 11, J = 10

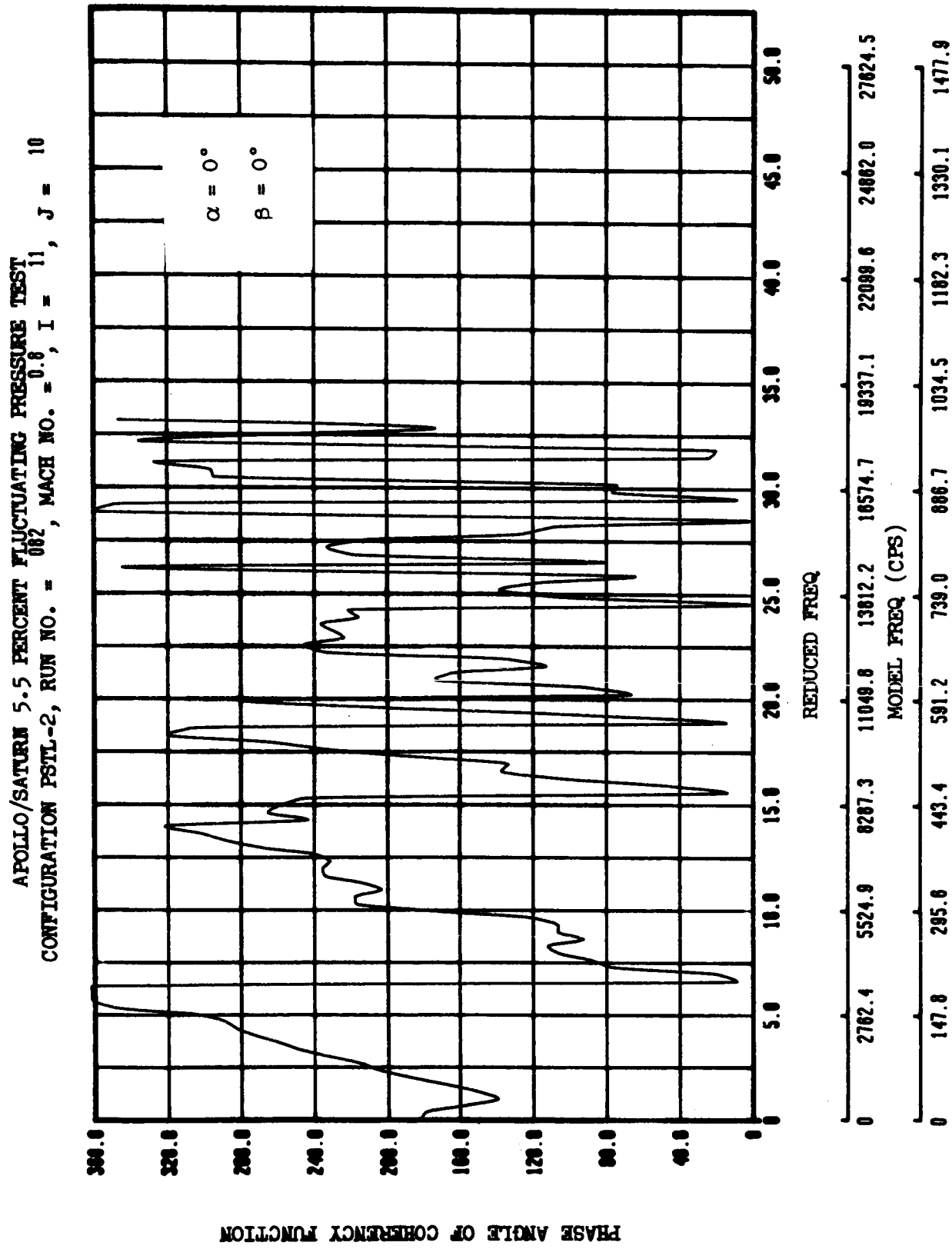


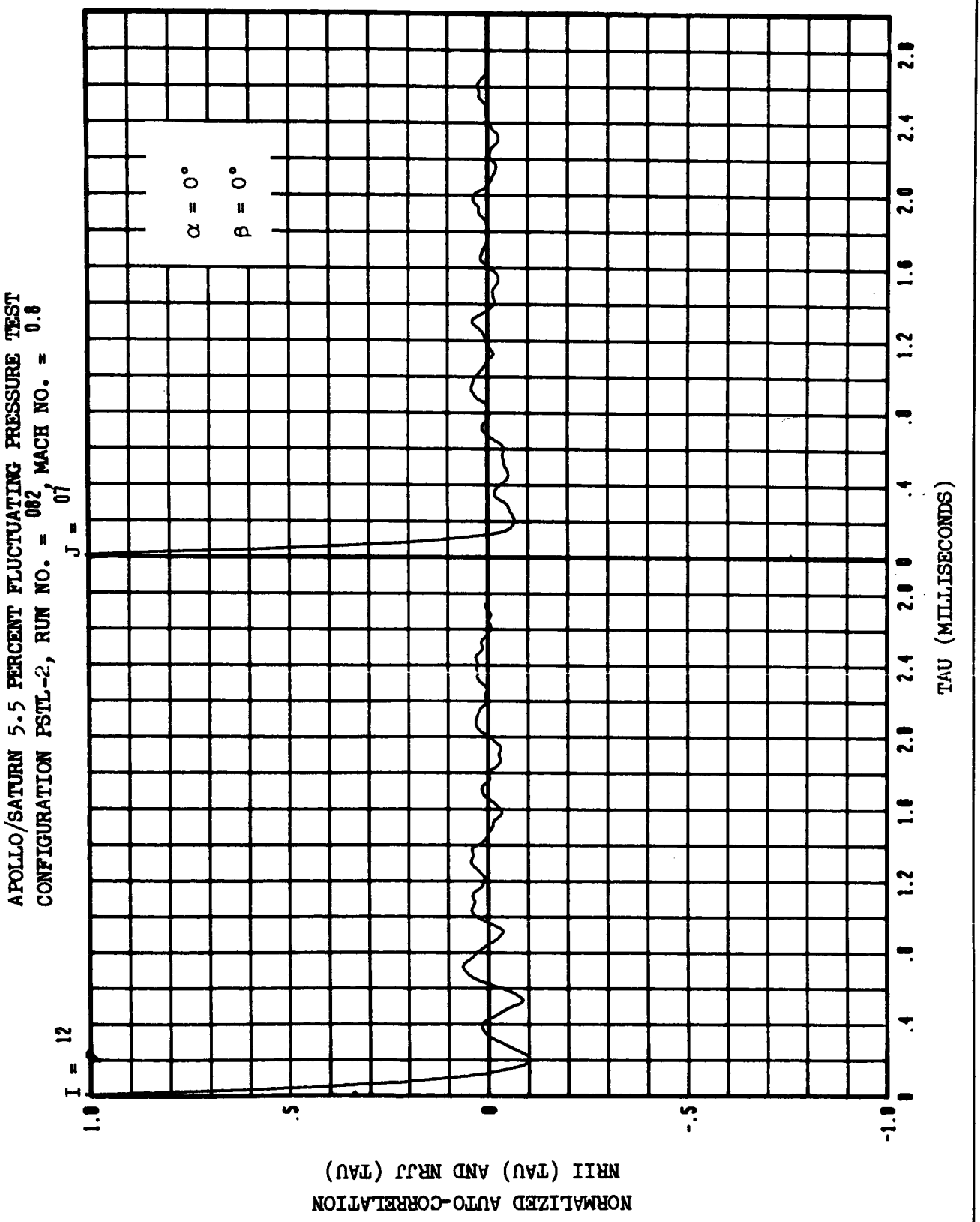

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 062, MACH NO. = 0.0, I = 11, J = 10
α = 0°
β = 0°
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.
05 E-03
4.0
3.0
2.0
1.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
2702.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
S.F. = 010.67
0
147.0
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PROTOTYPE FREQ (CPS)
S.F. = 002.34


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 11, J = 10
α = 0°
β = 0°
S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.
05 E-03
4.0
3.0
2.0
1.0
0.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
S.F. = 1.00
0
2762.4
5524.8
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
S.F. = 010.67
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PROTOTYPE FREQ (CPS)
S.F. = 002.34

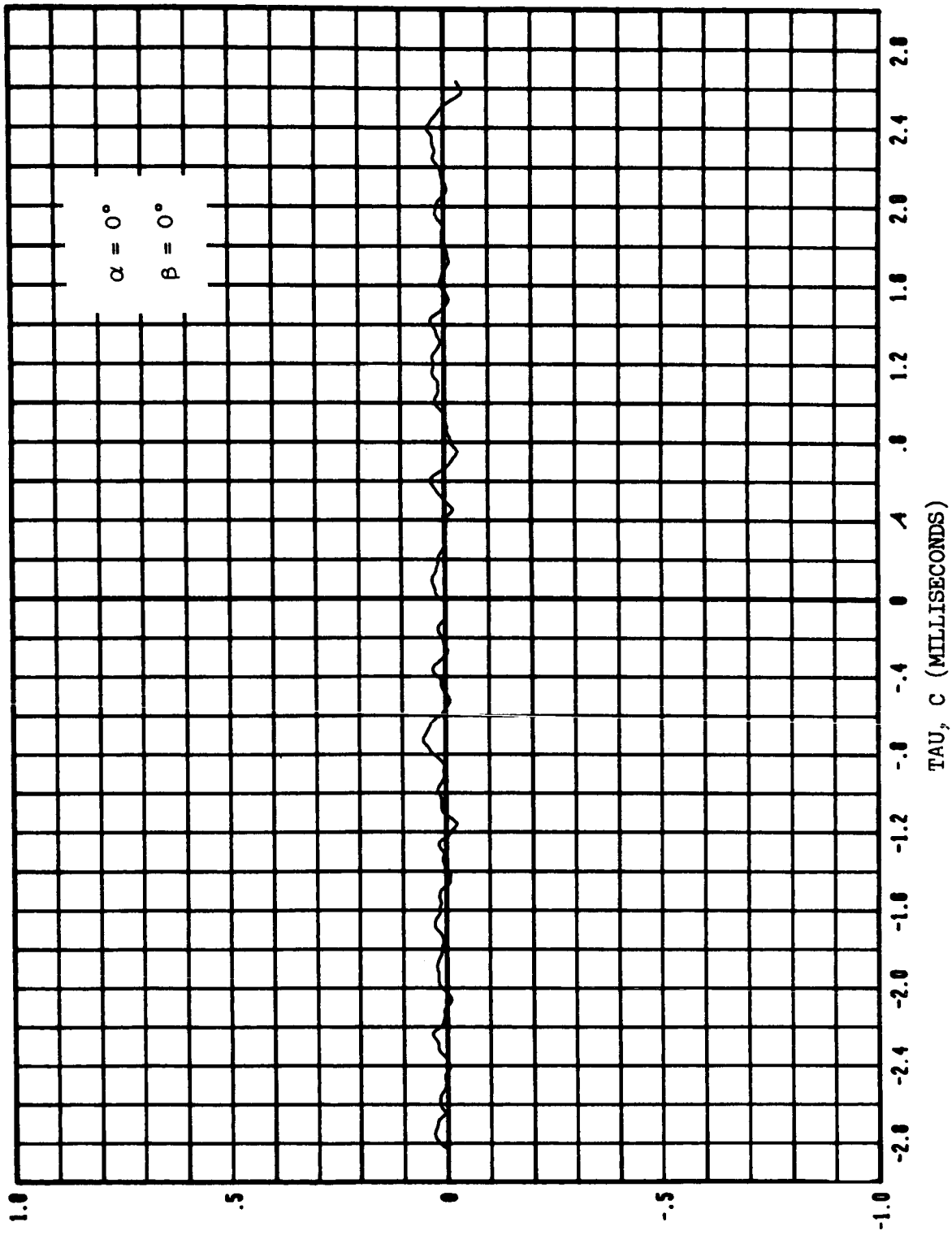

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 11, J = 10
— CO-SPECTRUM
Δ— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)

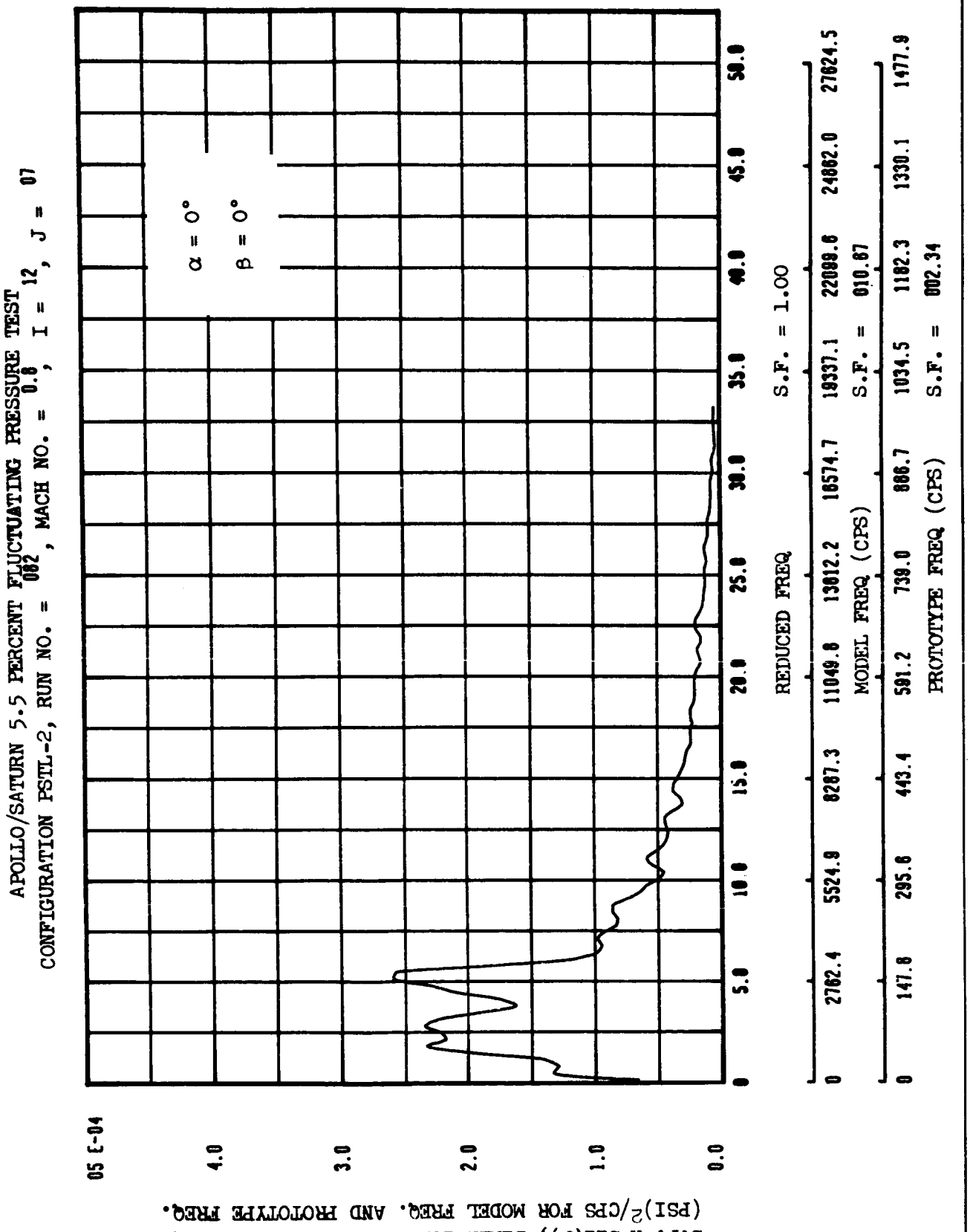

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 11, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2782.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 11, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8
I = 12
J = 07
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

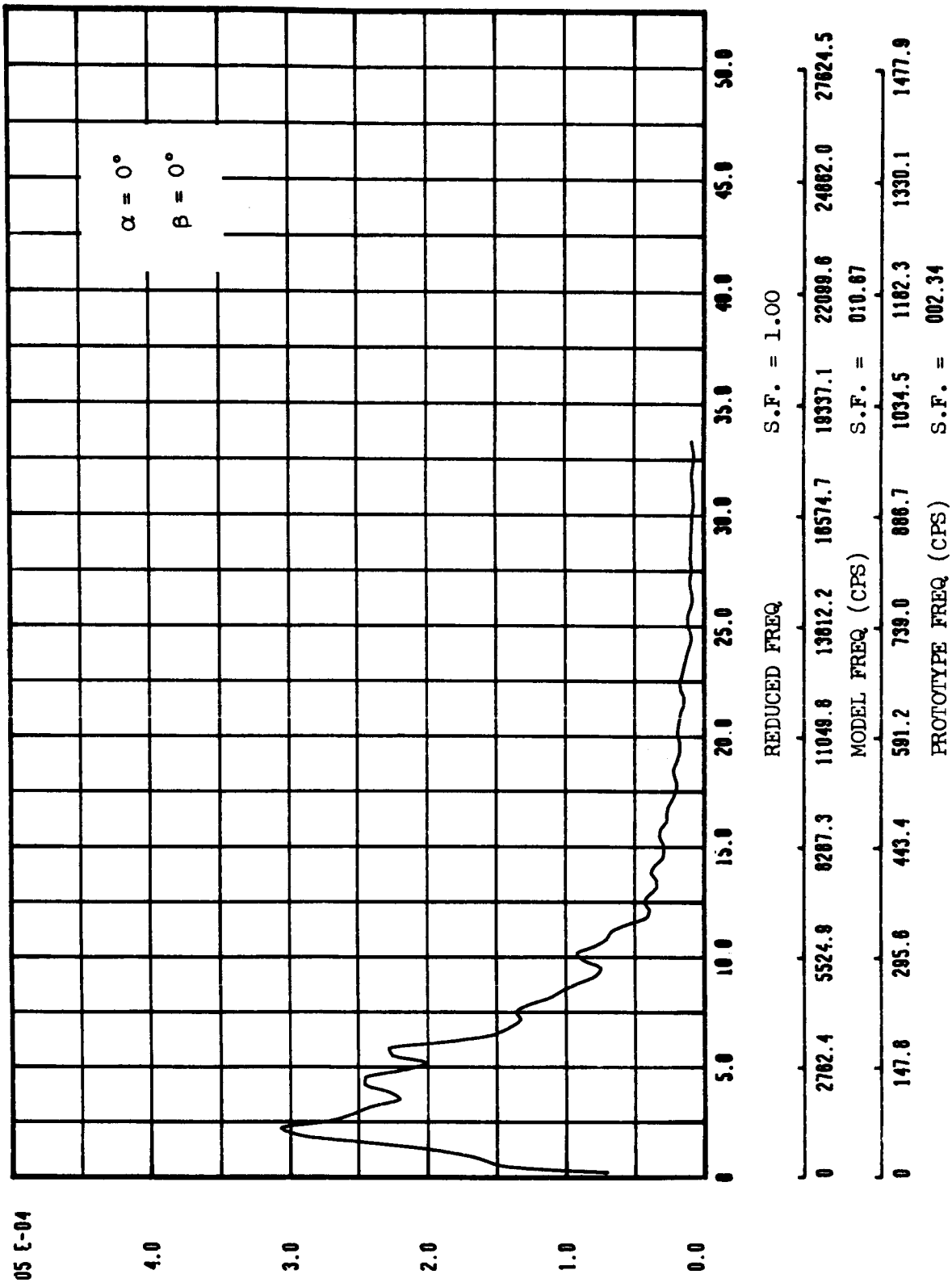
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 07

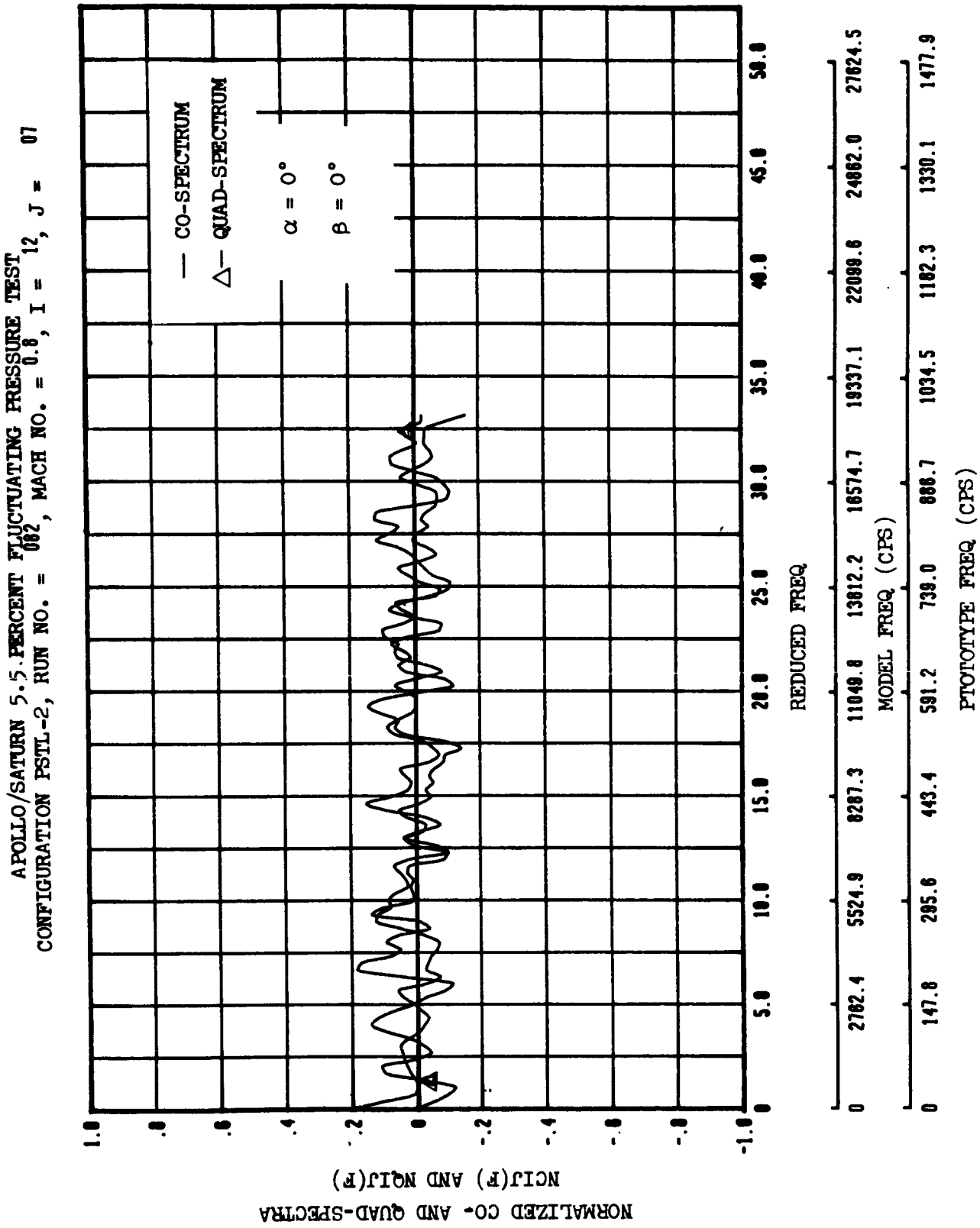


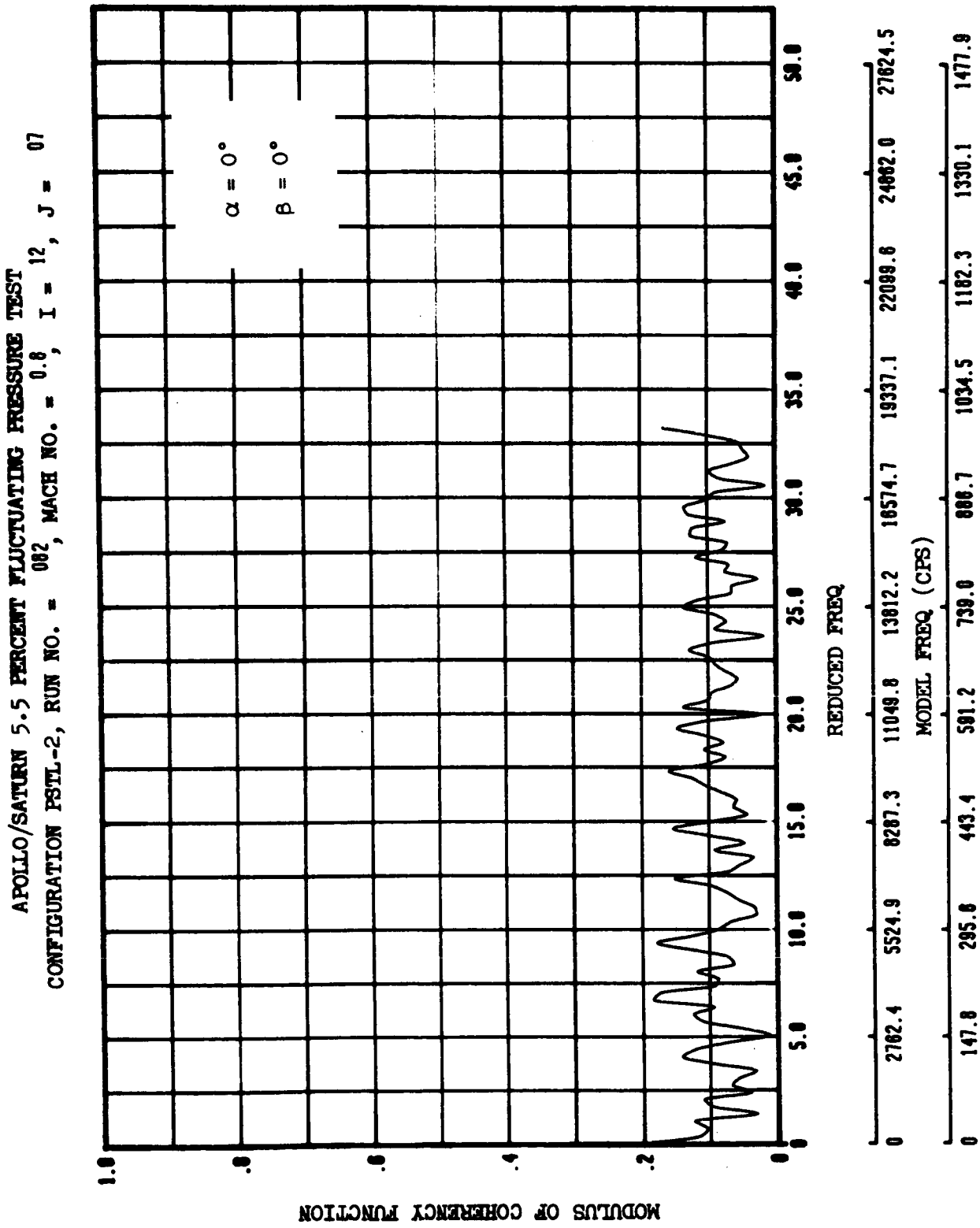


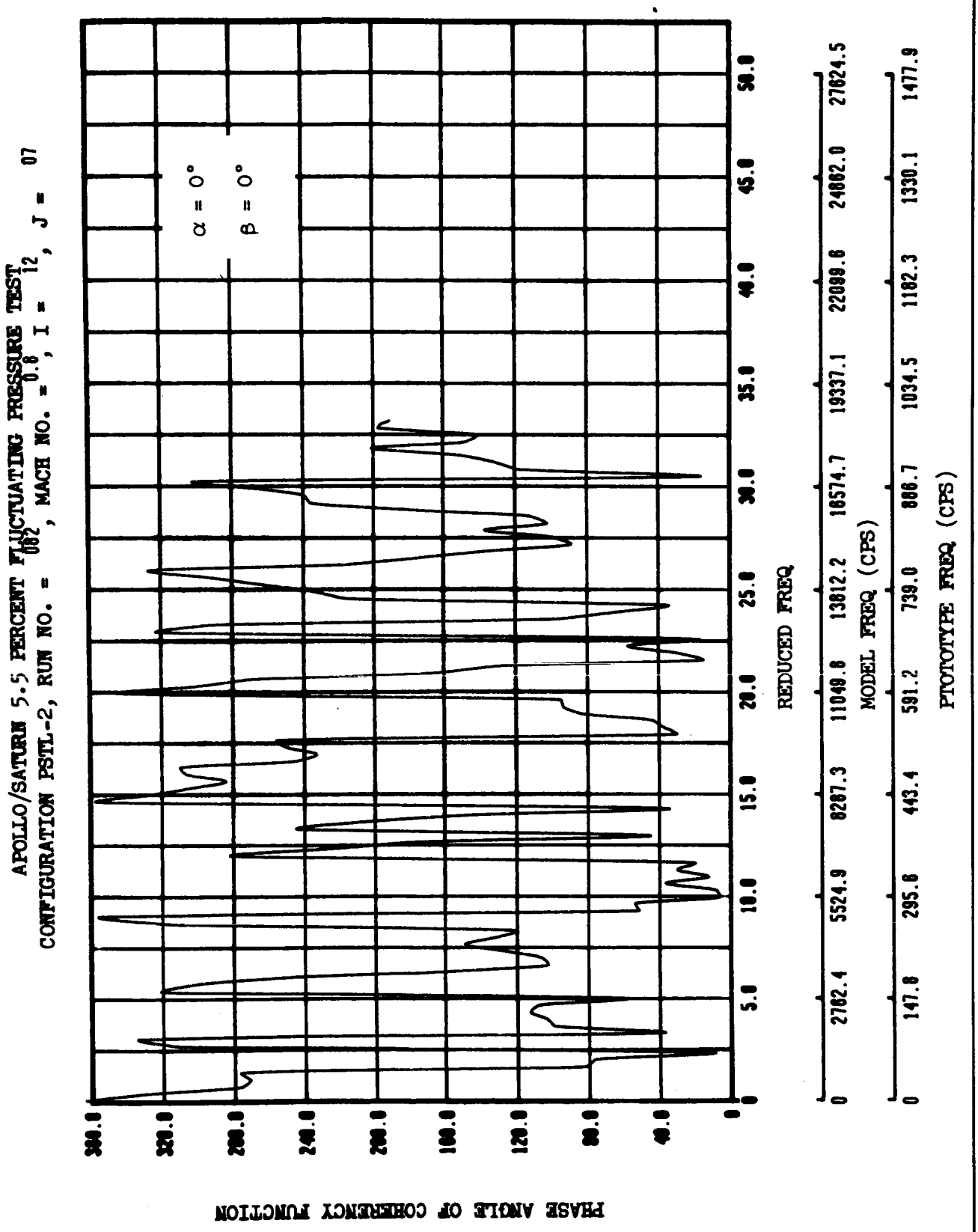
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

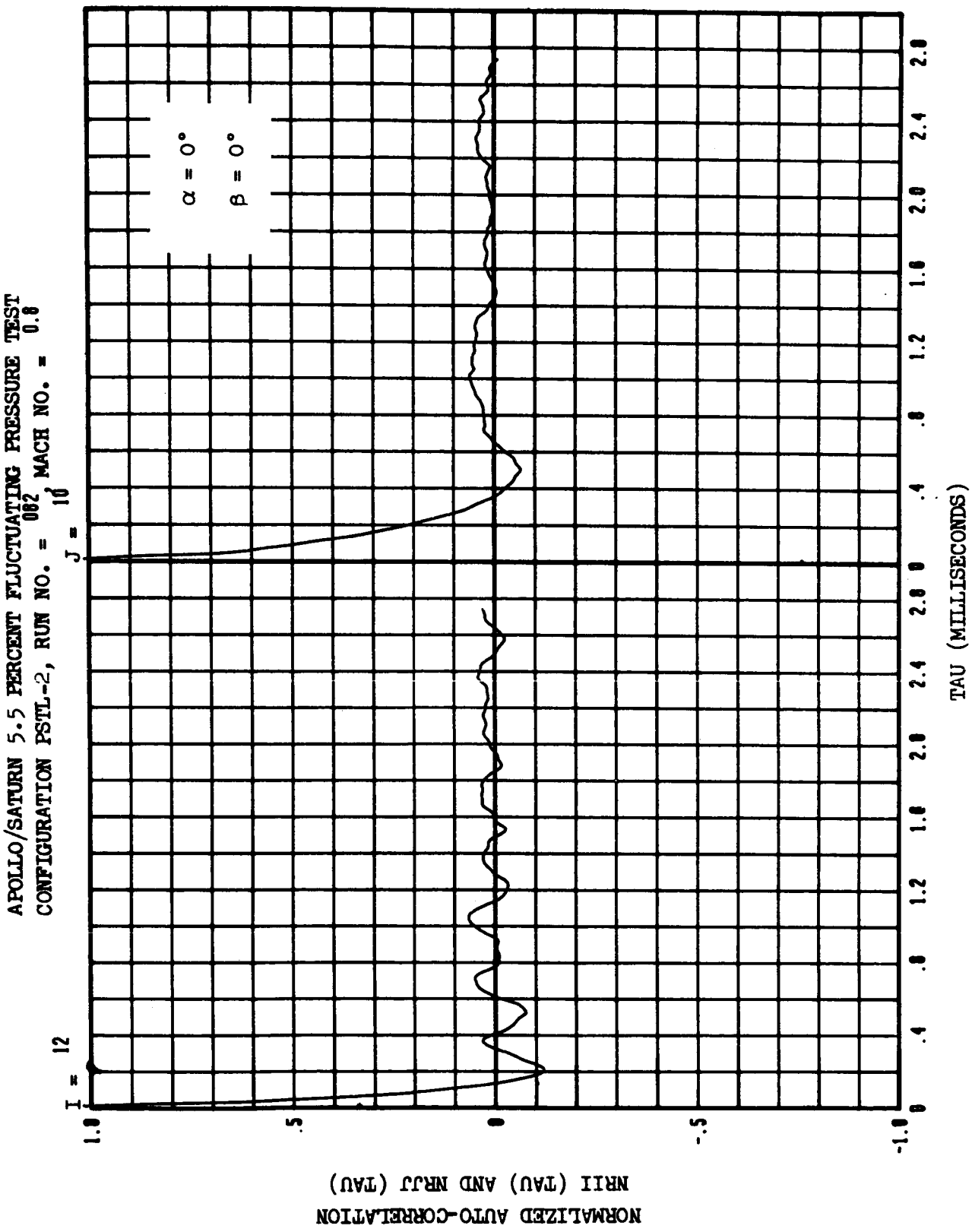
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 07



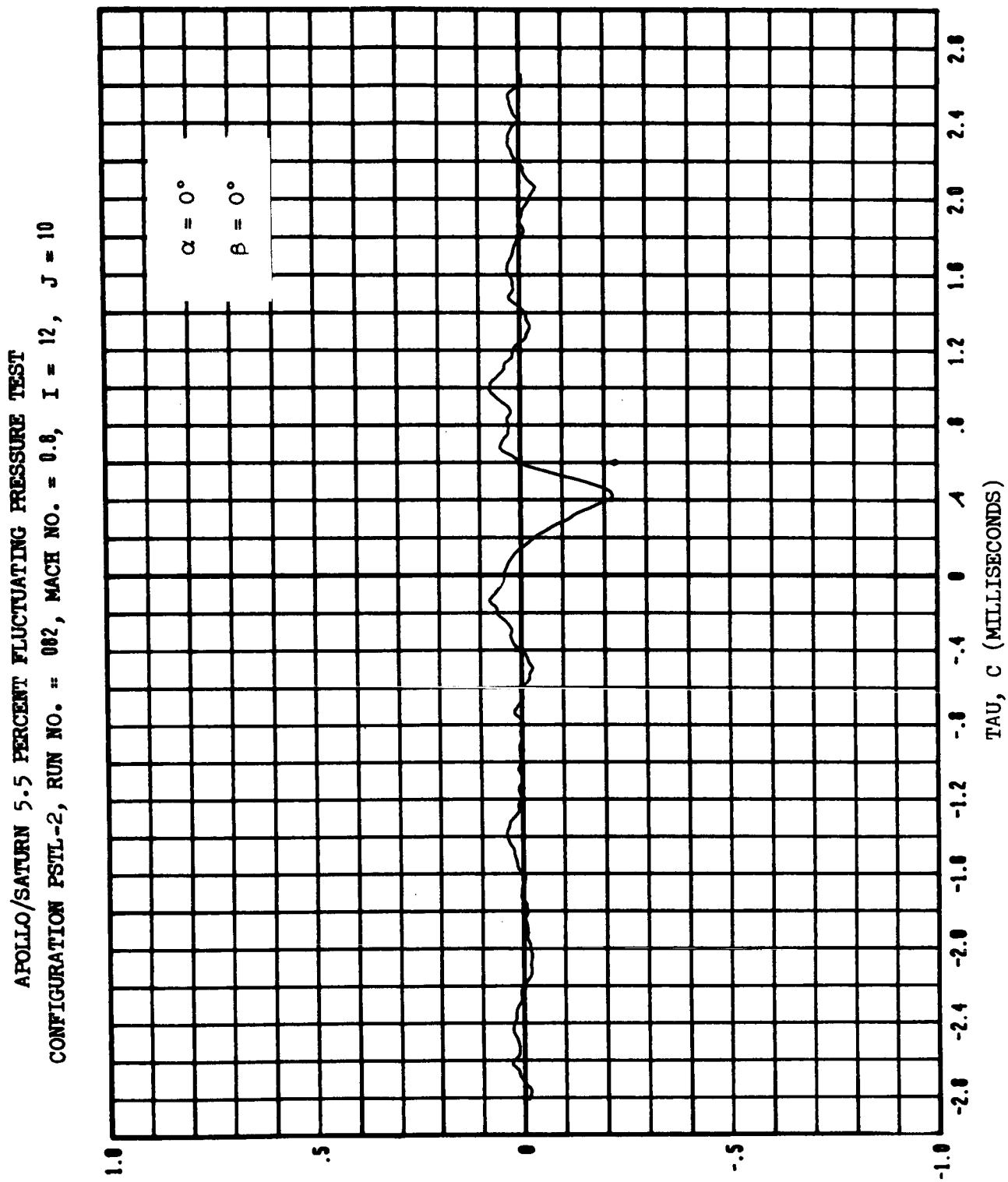

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 07
— CO-SPECTRUM
△— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 07
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)

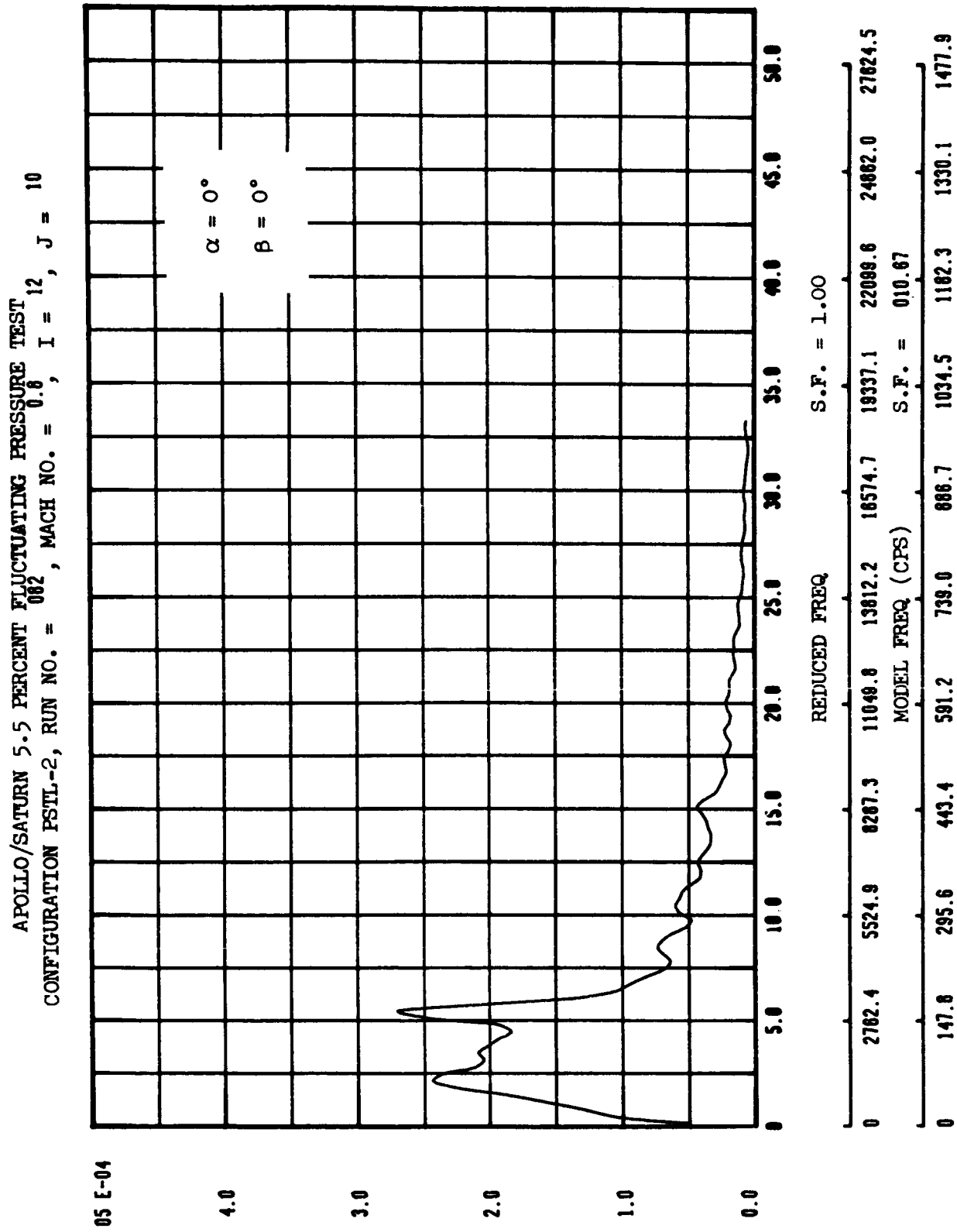

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 07
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8
I = 12
J = 10
α = 0°
β = 0°
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)

[redacted]

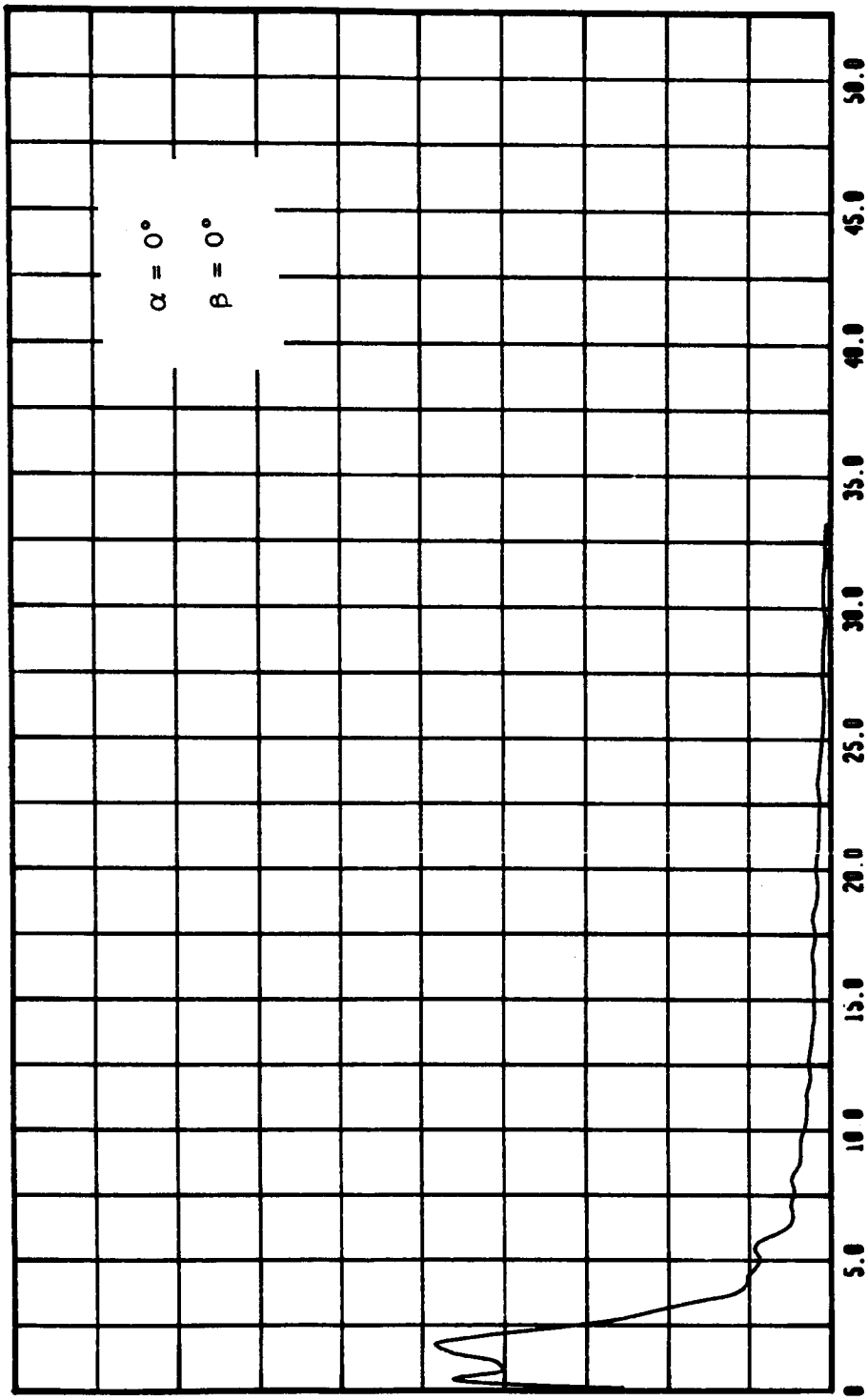


[redacted]



S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 10



REDUCED FREQ S.F. = 1.00

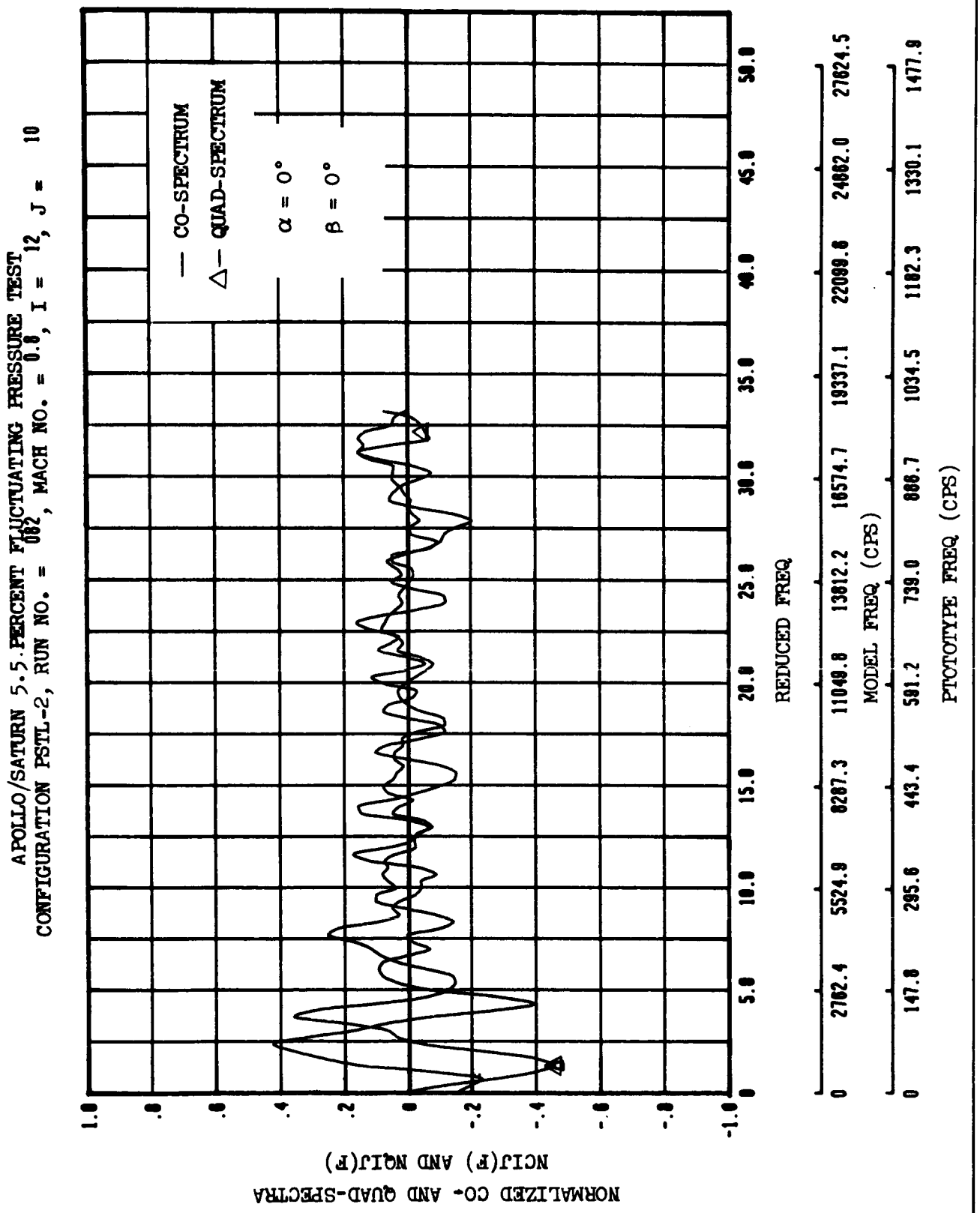
0	2762.4	5524.9	8287.3	11049.8	13812.2	16574.7	19337.1	22099.6	24862.0	27624.5

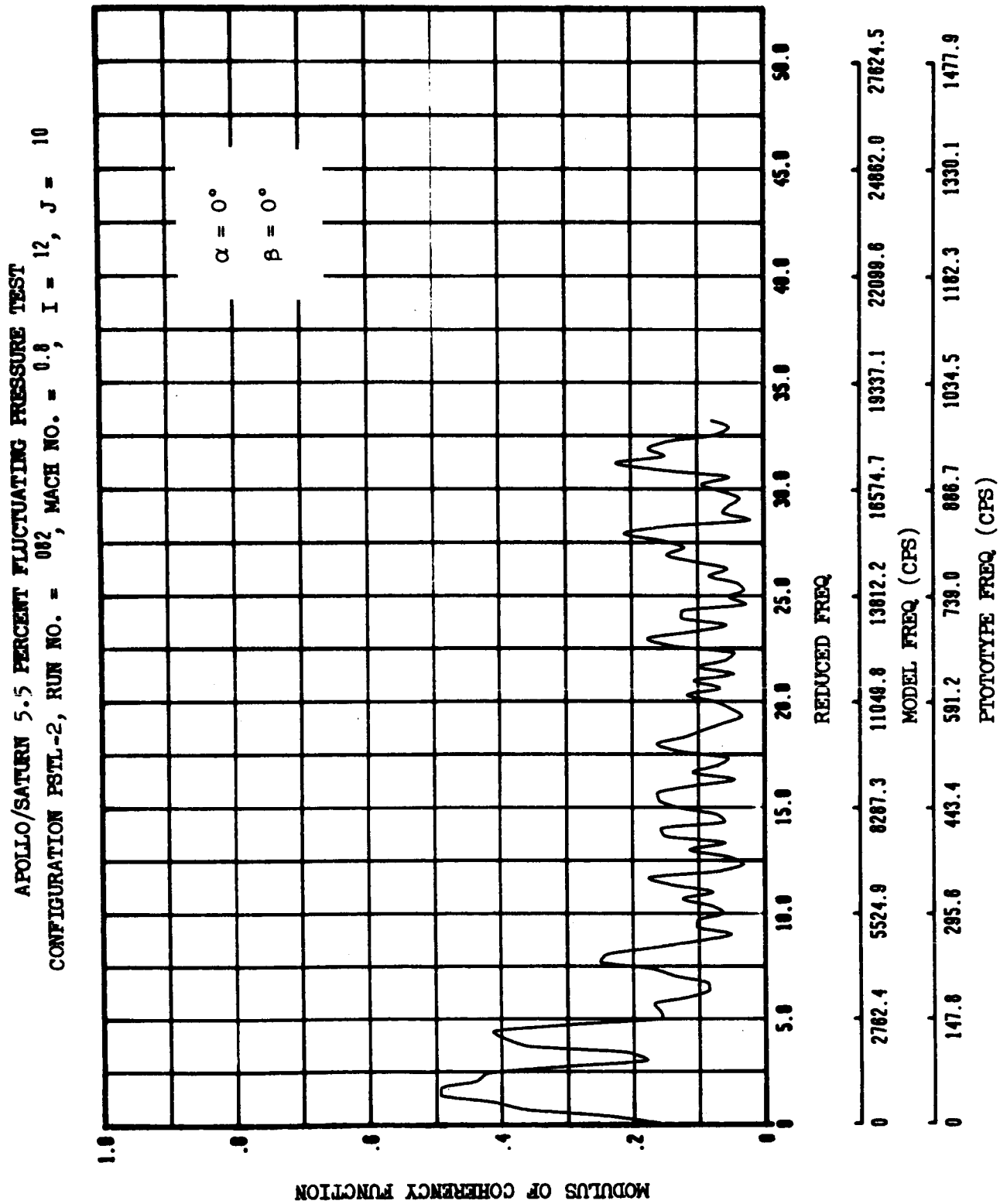
MODEL FREQ (CPS) S.F. = 010.67

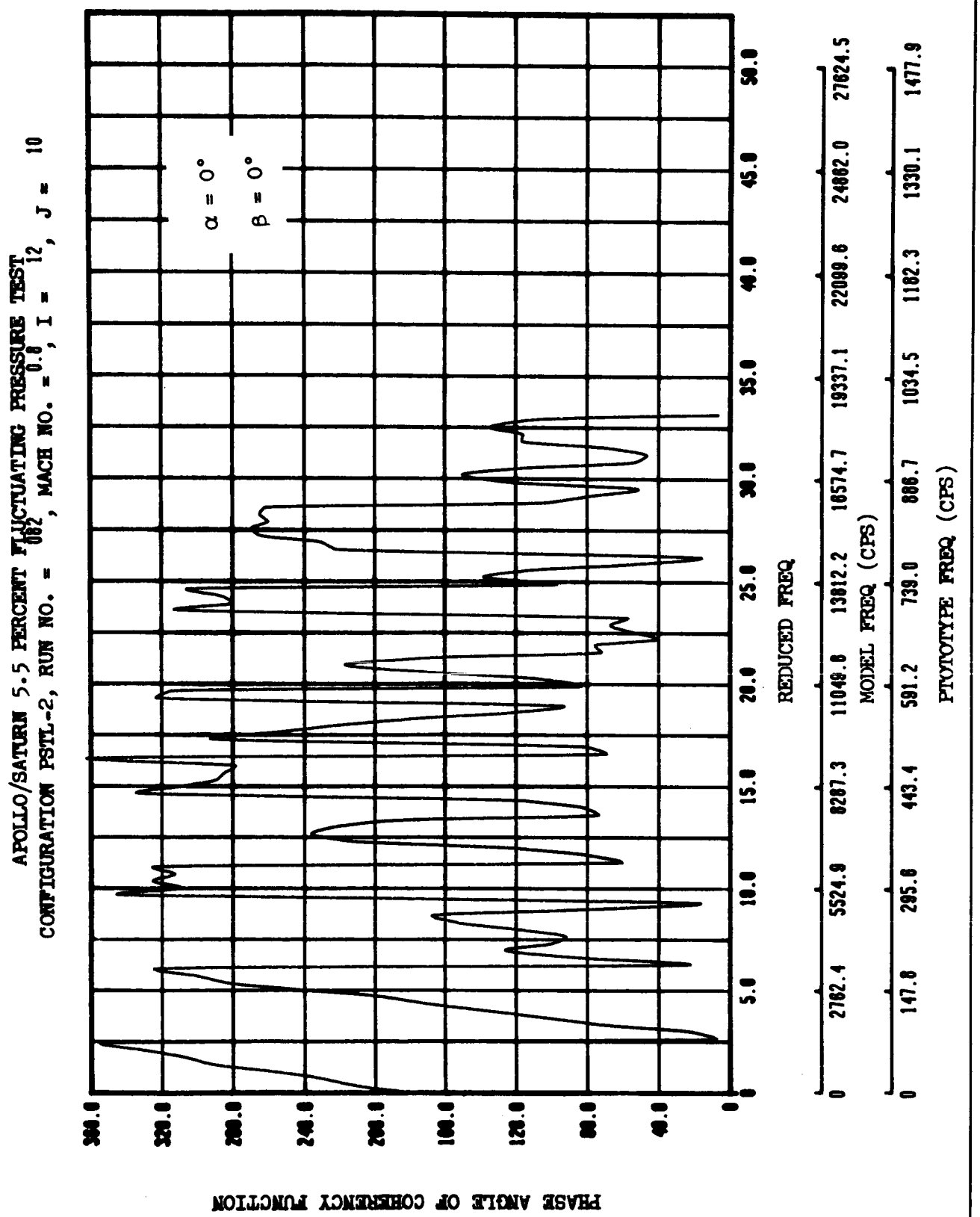
0	147.6	295.6	443.4	591.2	739.0	886.7	1034.5	1182.3	1330.1	1477.9

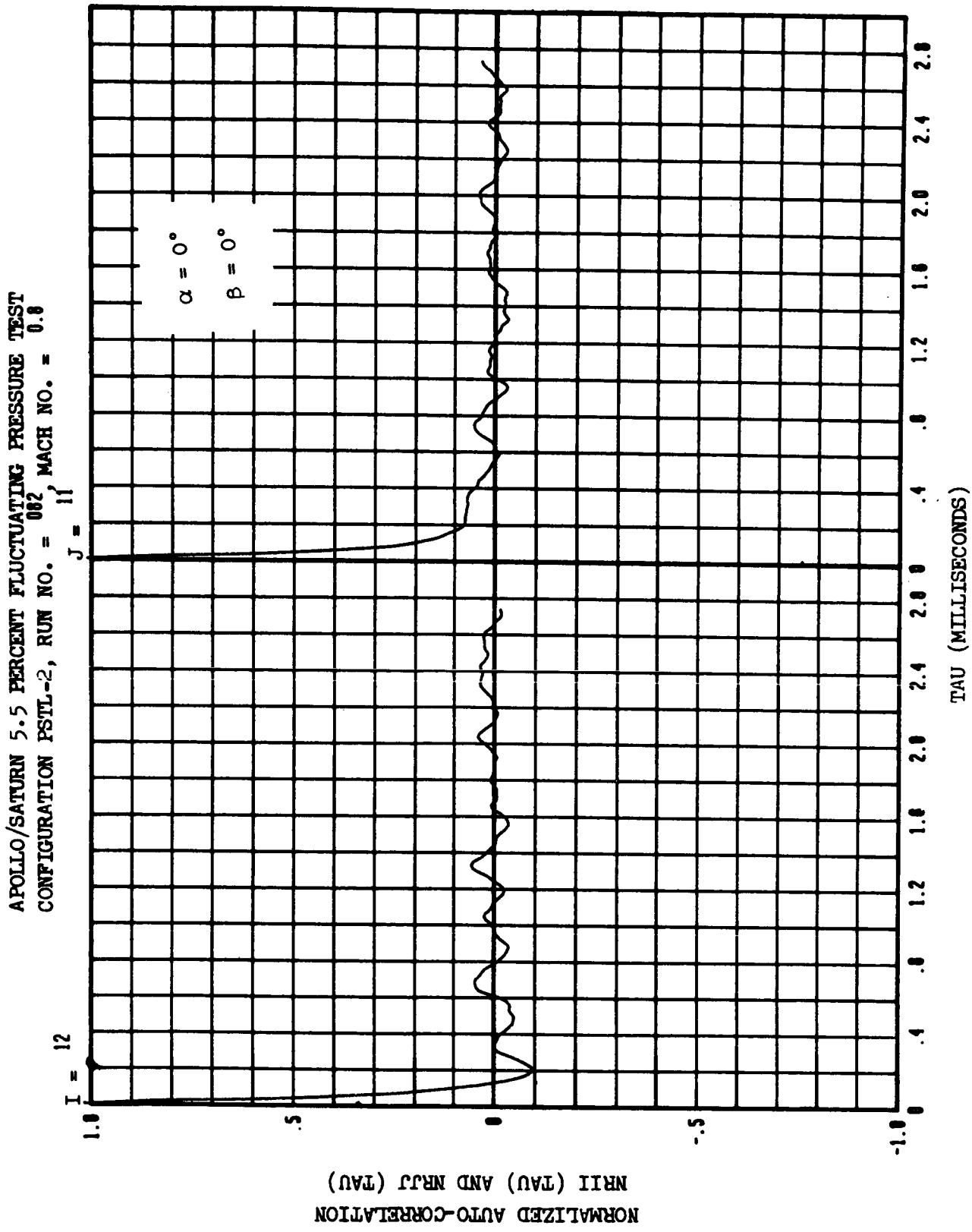
PROTOTYPE FREQ (CPS) S.F. = 002.34

S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

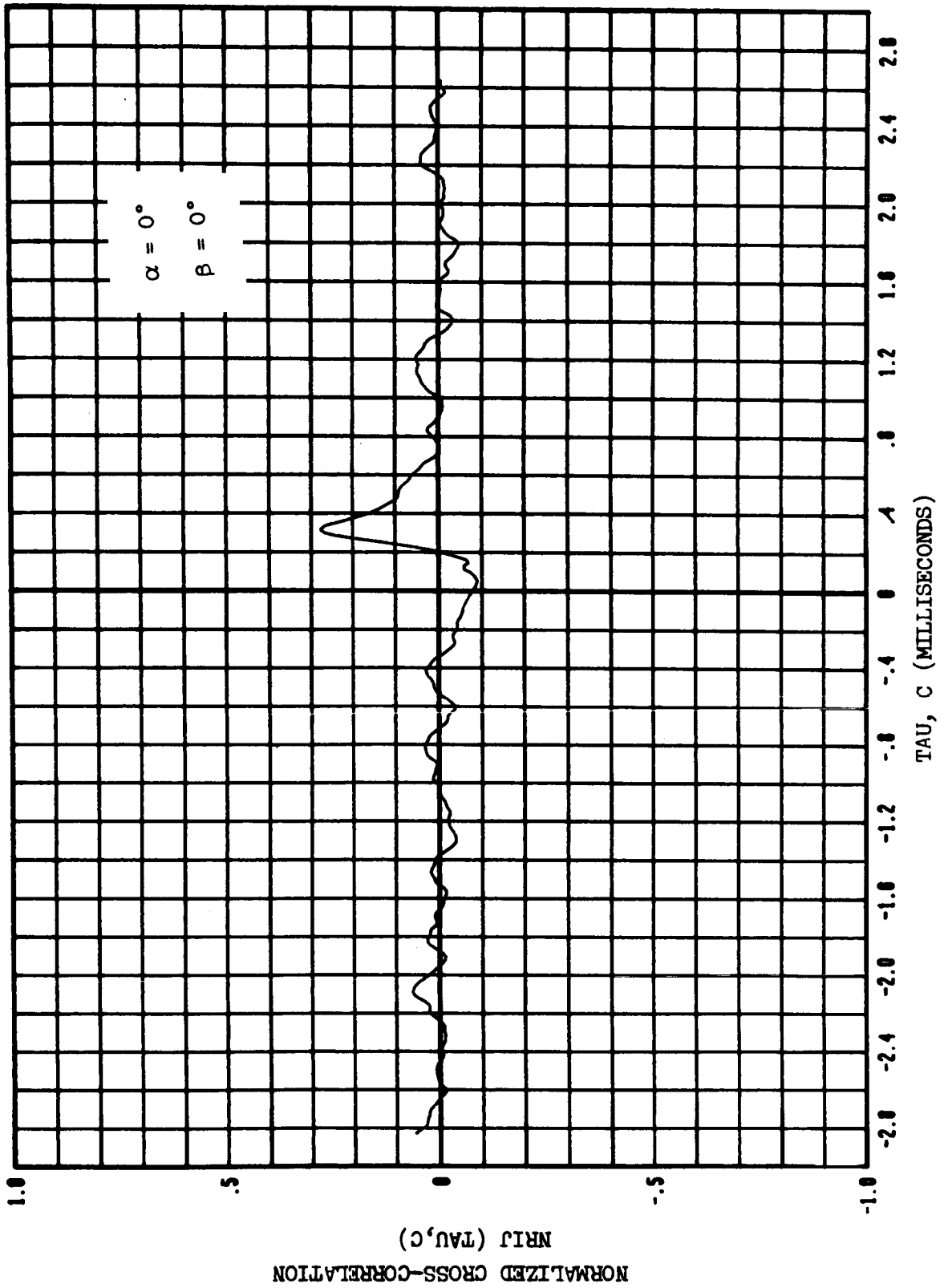

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 10
— CO-SPECTRUM
Δ— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 002, MACH NO. = 0.8, I = 12, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)

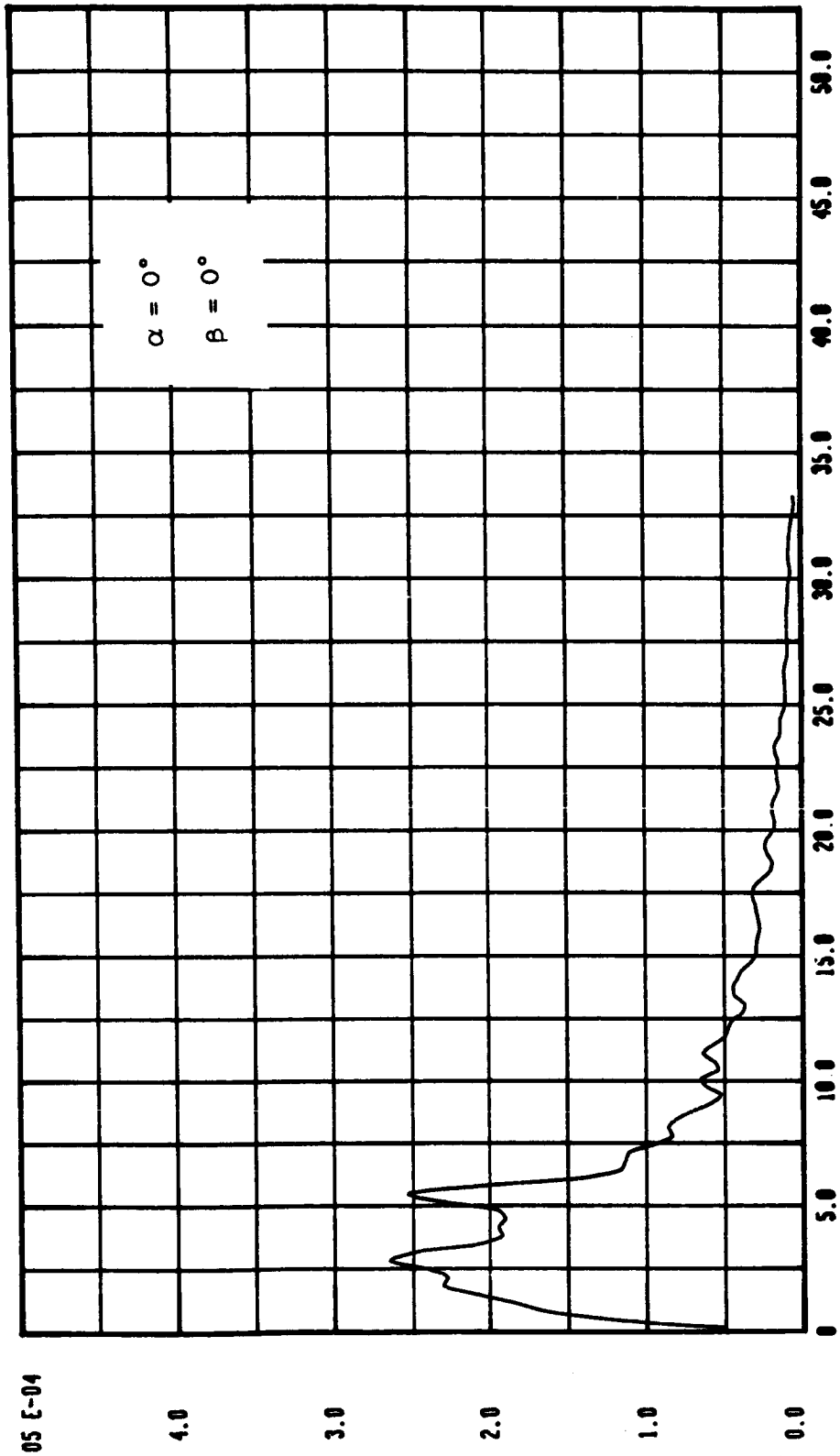

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 062, MACH NO. = 0.8, I = 12, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8
I = 12
J = 11
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 11



APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 002, MACH NO. = 0.0, I = 12, J = 11



S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

REDUCED FREQ S.F. = 1.00

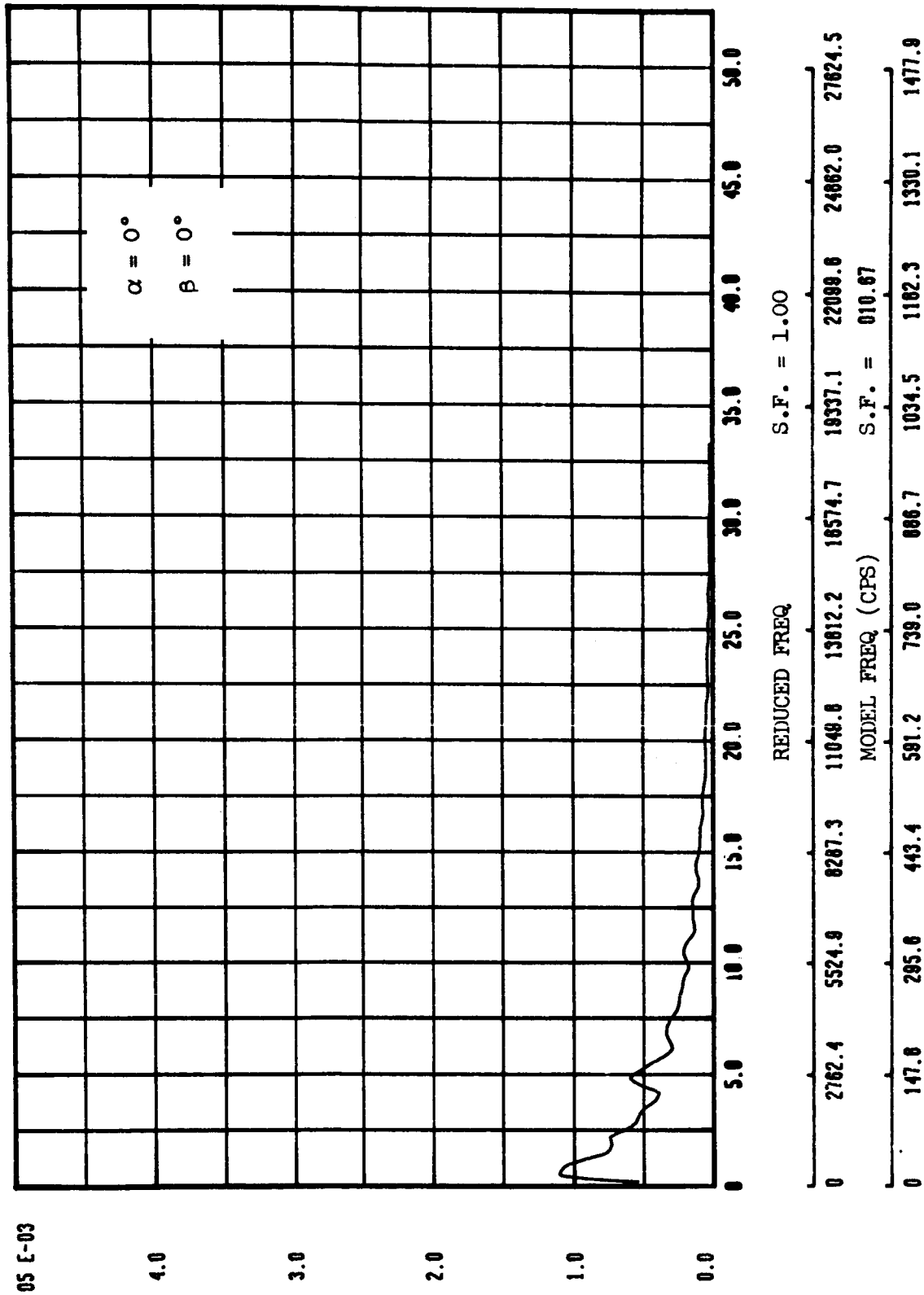
0	2762.4	5524.9	8287.3	11049.8	13812.2	16574.7	19337.1	22099.6	24862.0	27624.5

MODEL FREQ (CPS) S.F. = 010.67

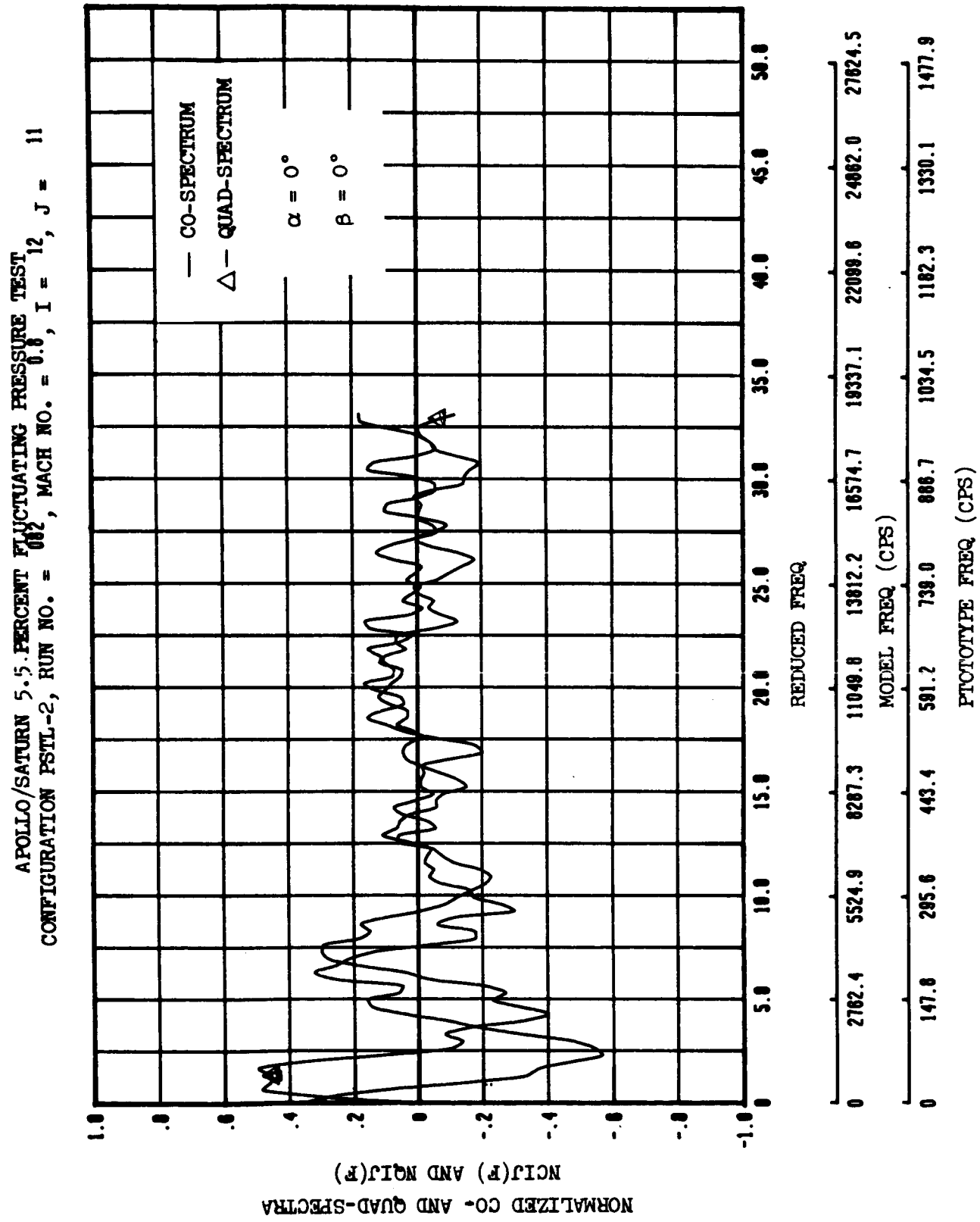
0	147.8	295.6	443.4	591.2	739.0	886.7	1034.5	1182.3	1330.1	1477.9

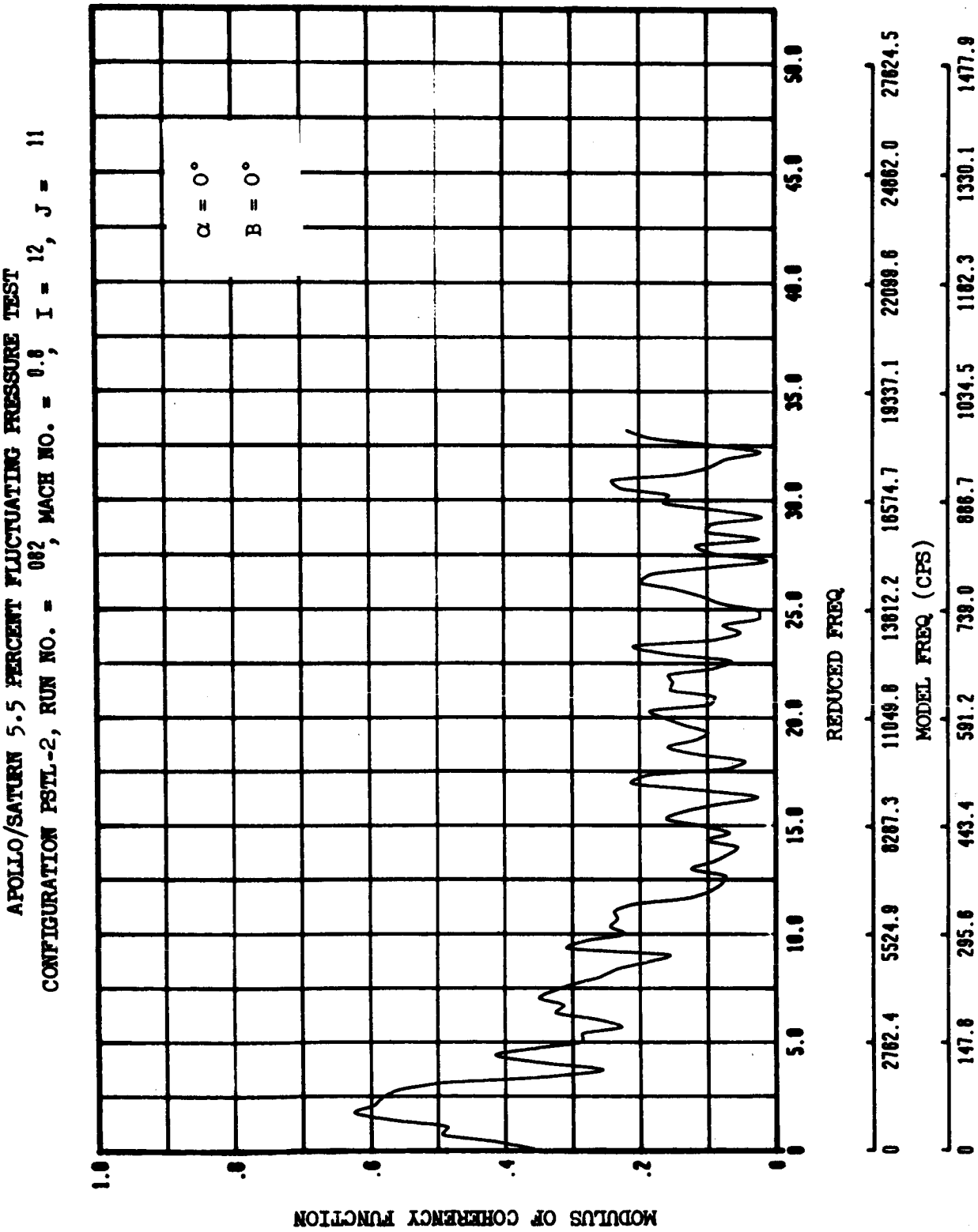
PROTOTYPE FREQ (CPS) S.F. = 002.34

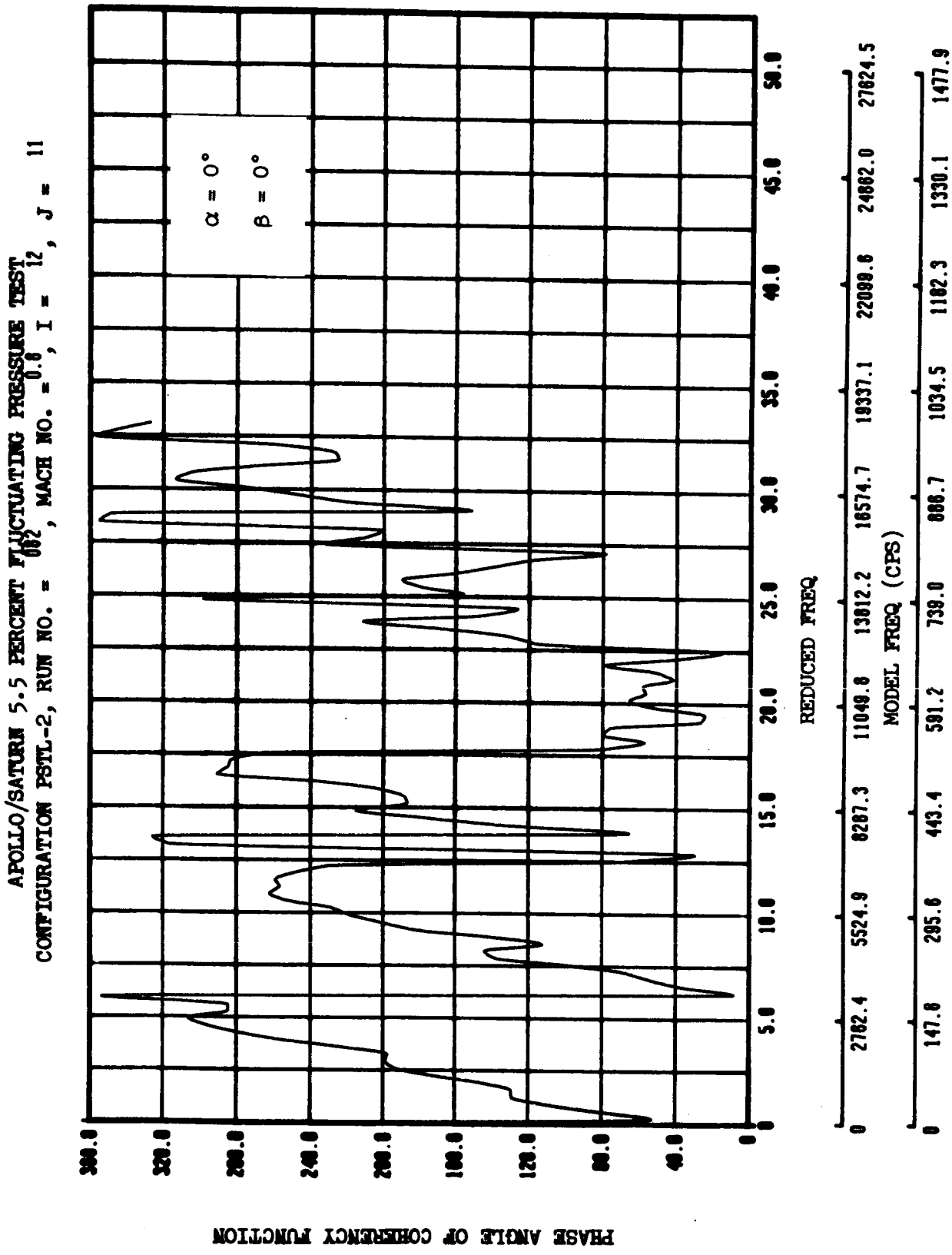
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 062, MACH NO. = 0.6, I = 12, J = 11

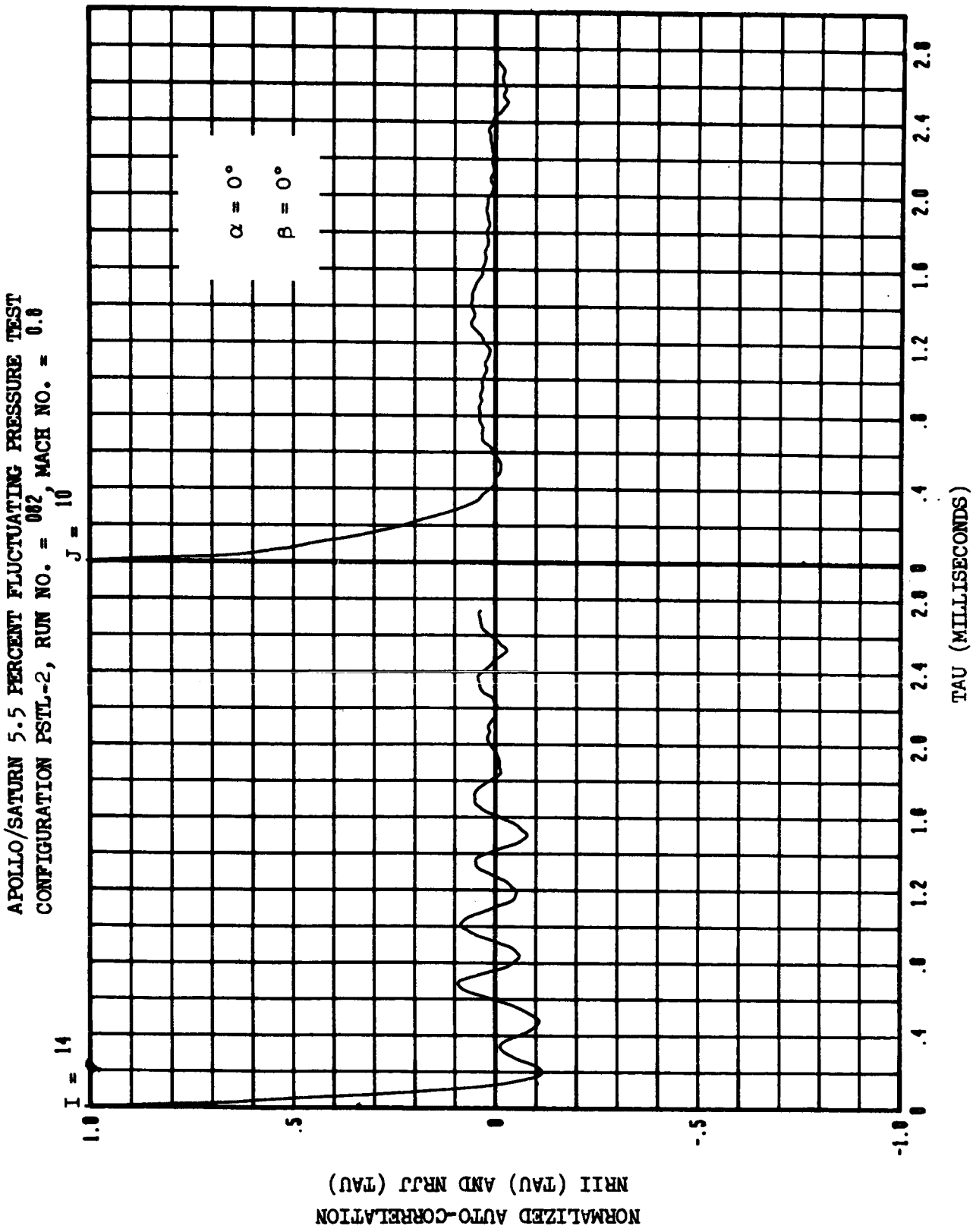


S.F. x SLJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

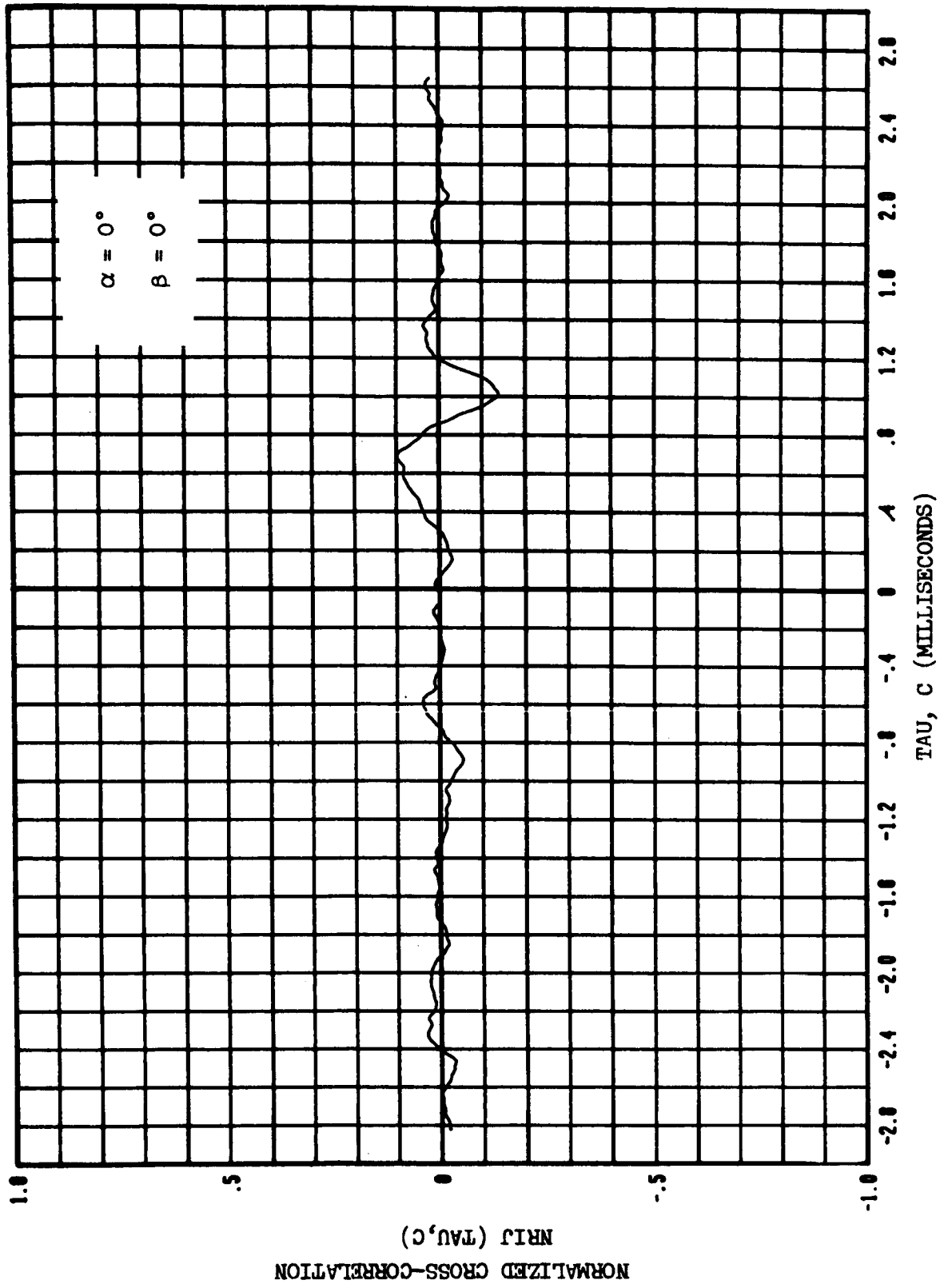

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 002, MACH NO. = 0.8, I = 12, J = 11
— CO-SPECTRUM
Δ— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 12, J = 11
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PROTOTYPE FREQ (CPS)

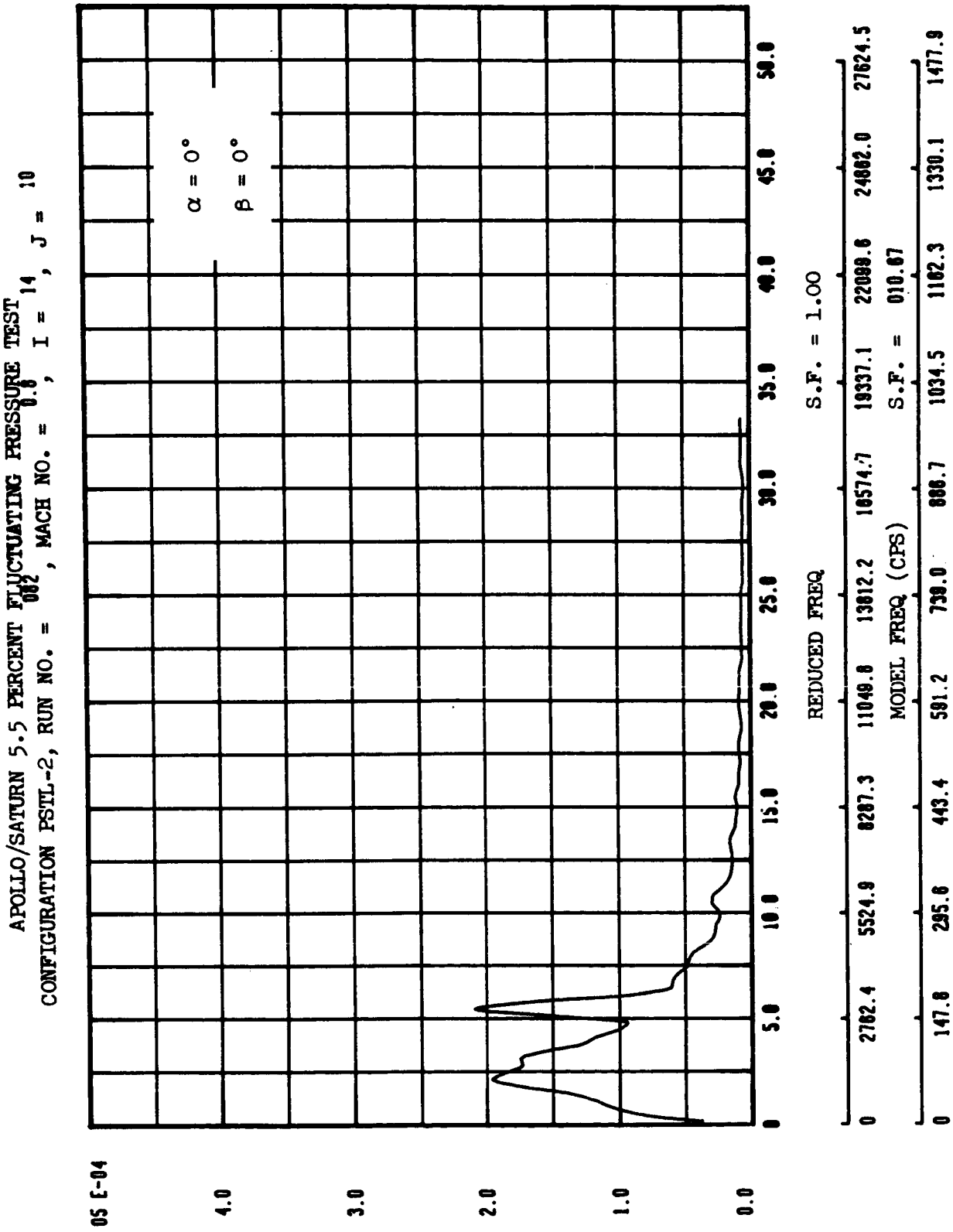

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 002, MACH NO. = 0.8, I = 12, J = 11
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8
J = 10
I = 14
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 14, J = 10

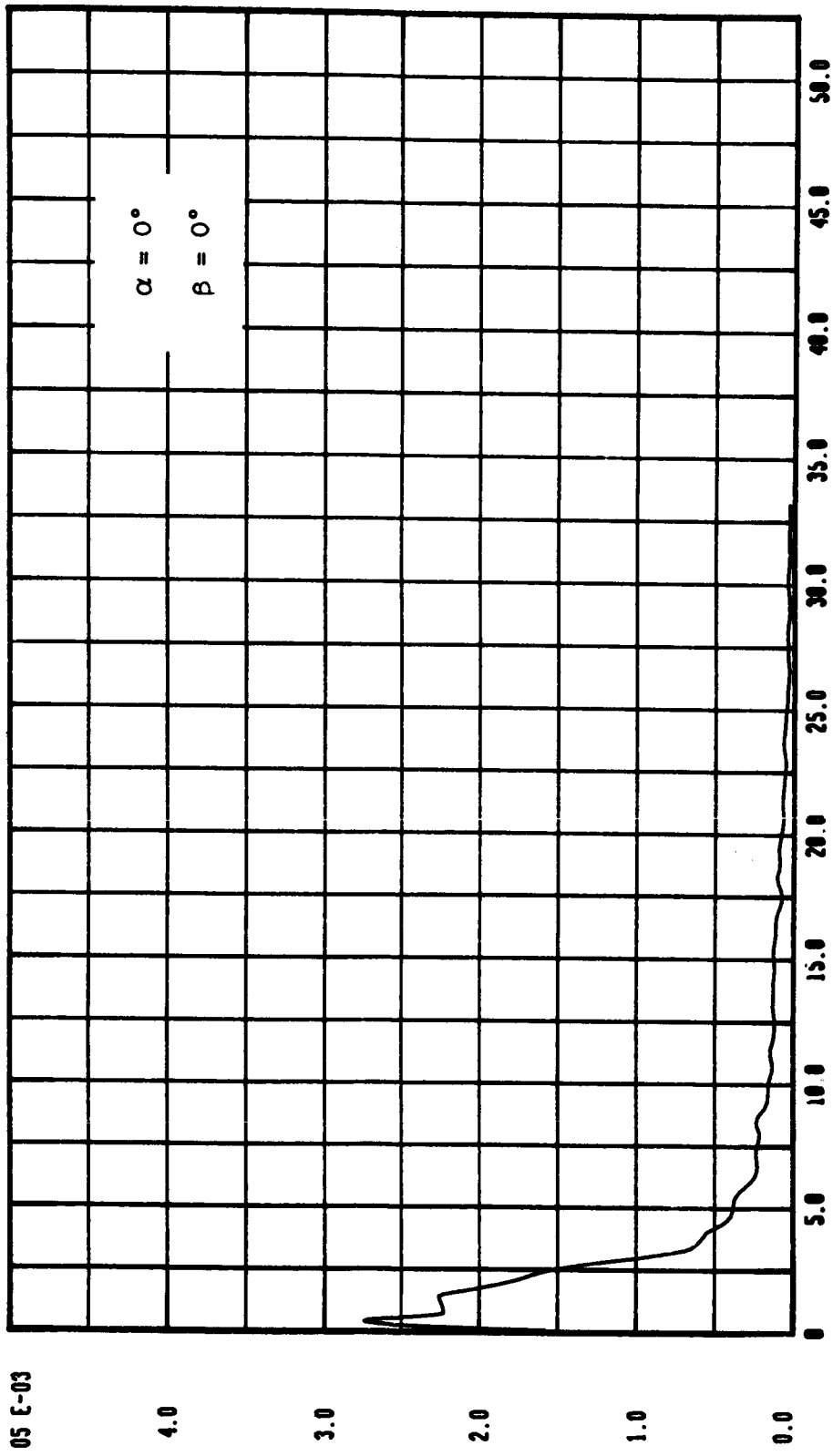


[redacted]

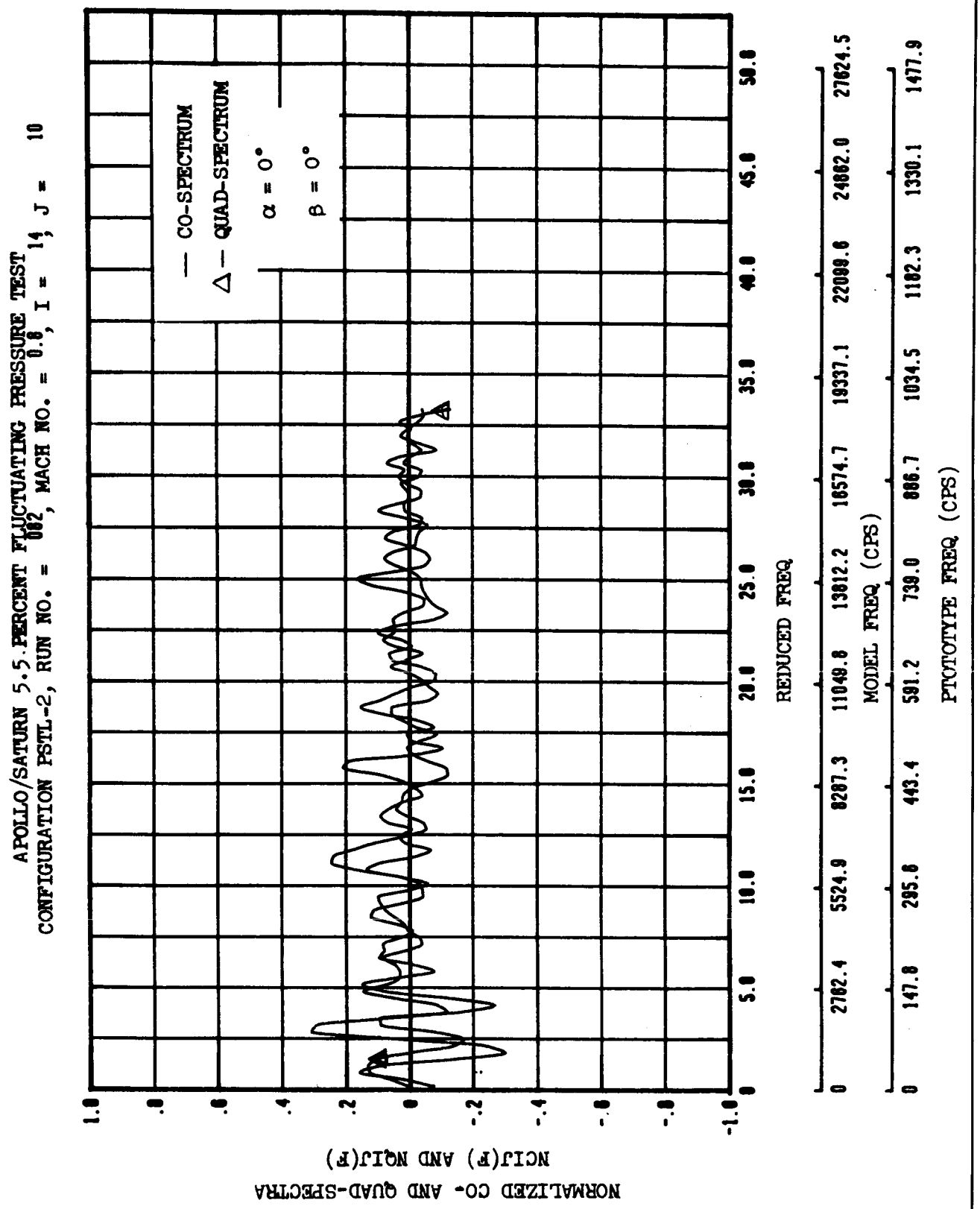


S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

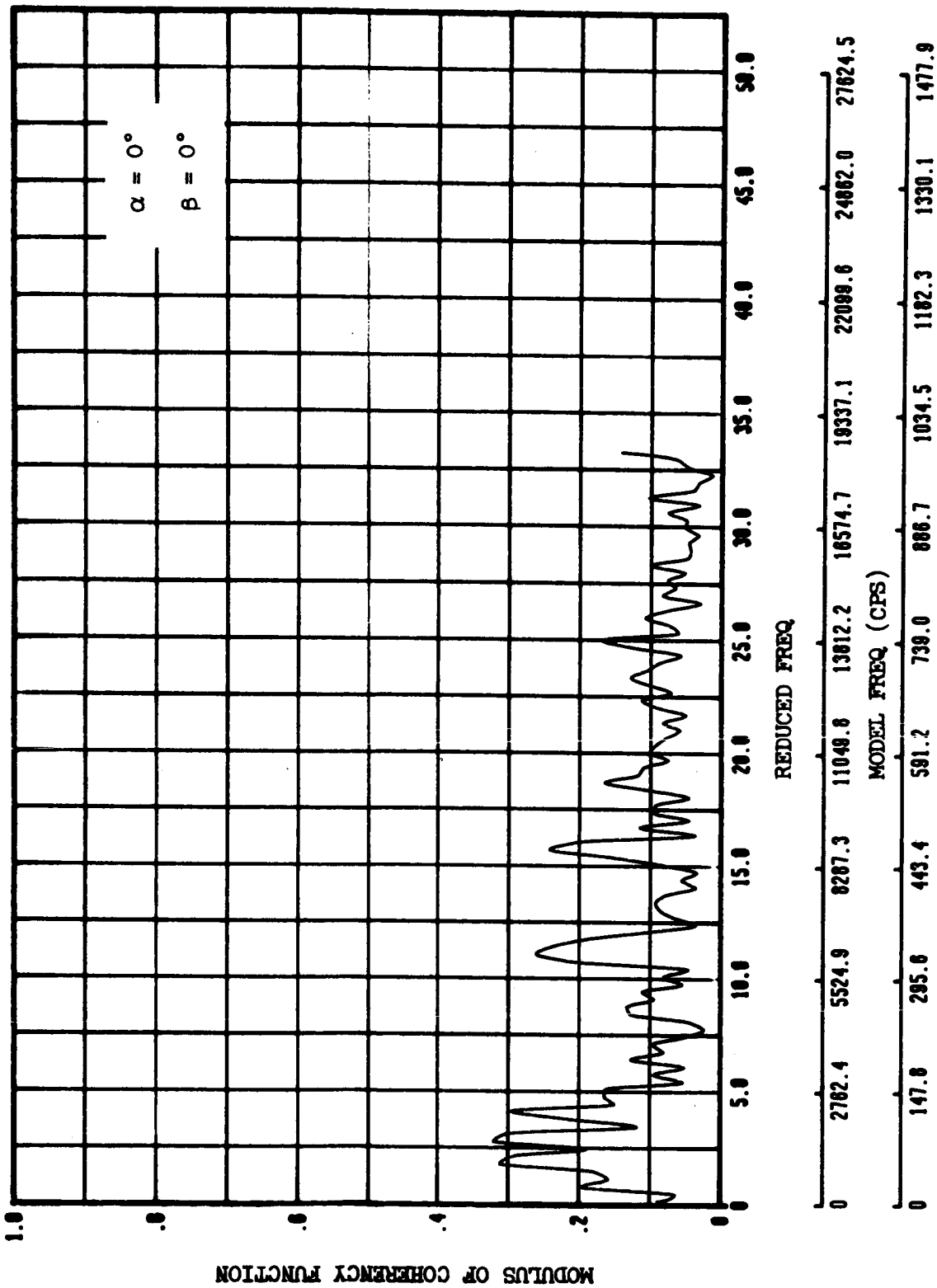
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 14, J = 10

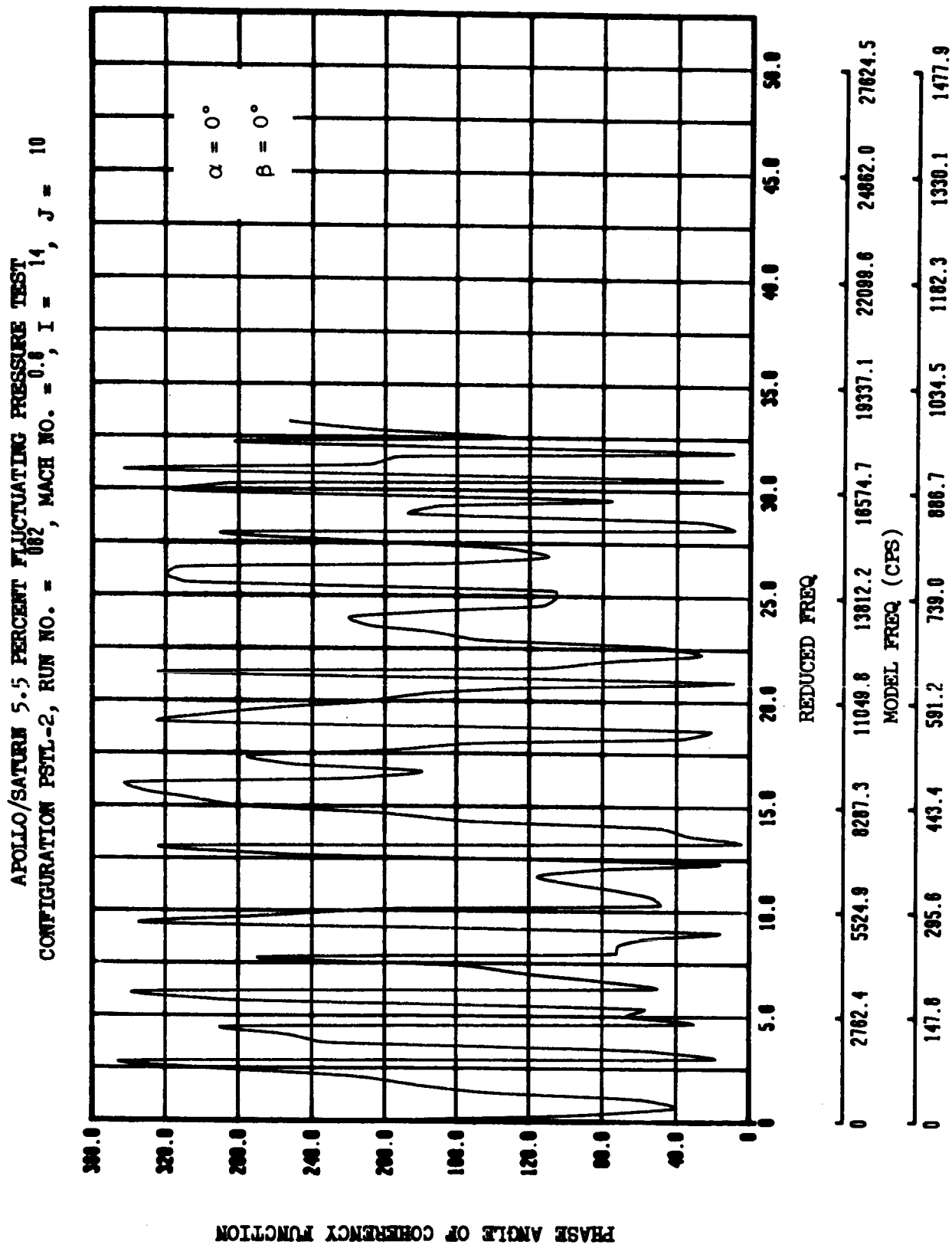


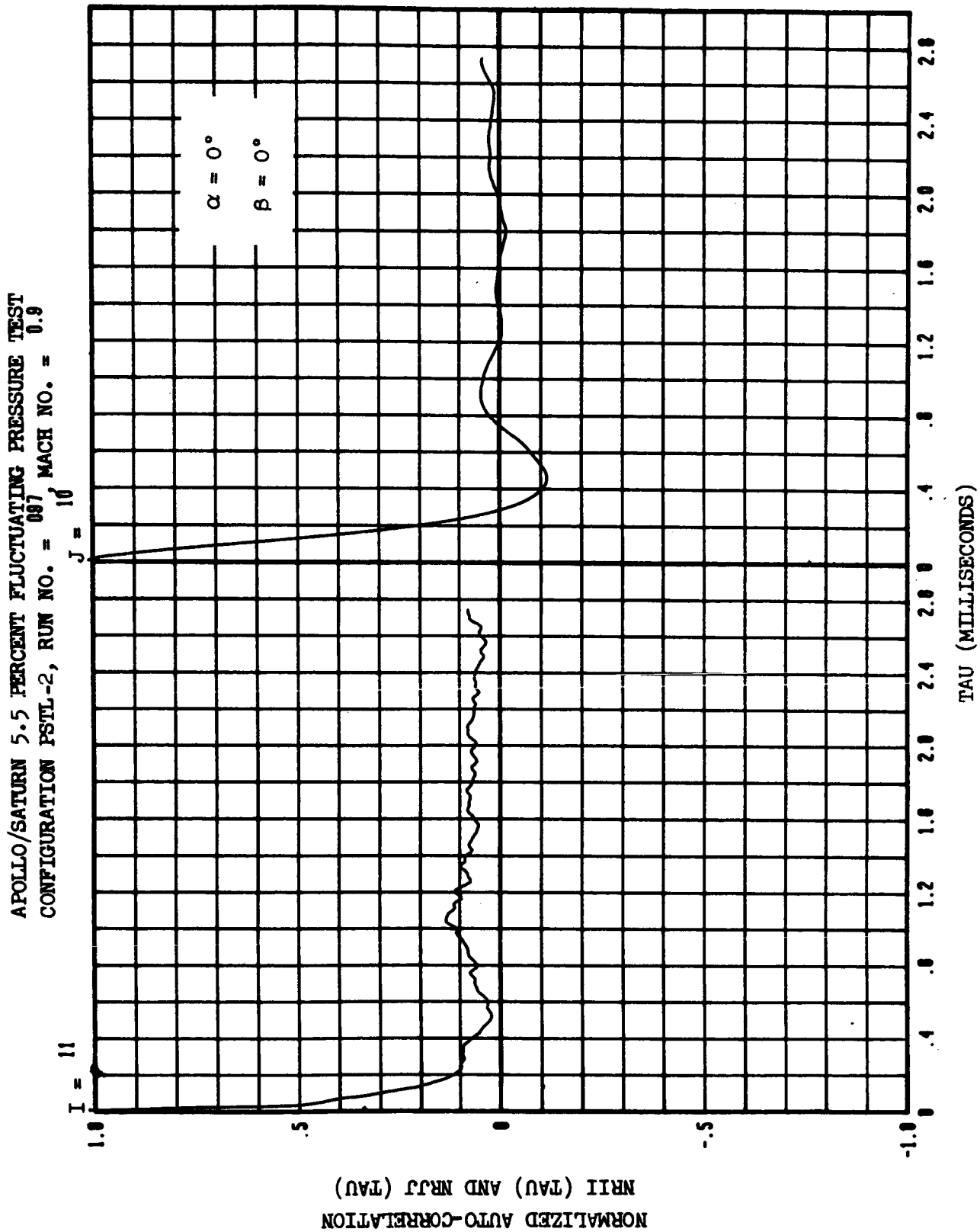
S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 002, MACH NO. = 0.8, I = 14, J = 10
— CO-SPECTRUM
Δ — QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.8
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PROTOTYPE FREQ (CPS)

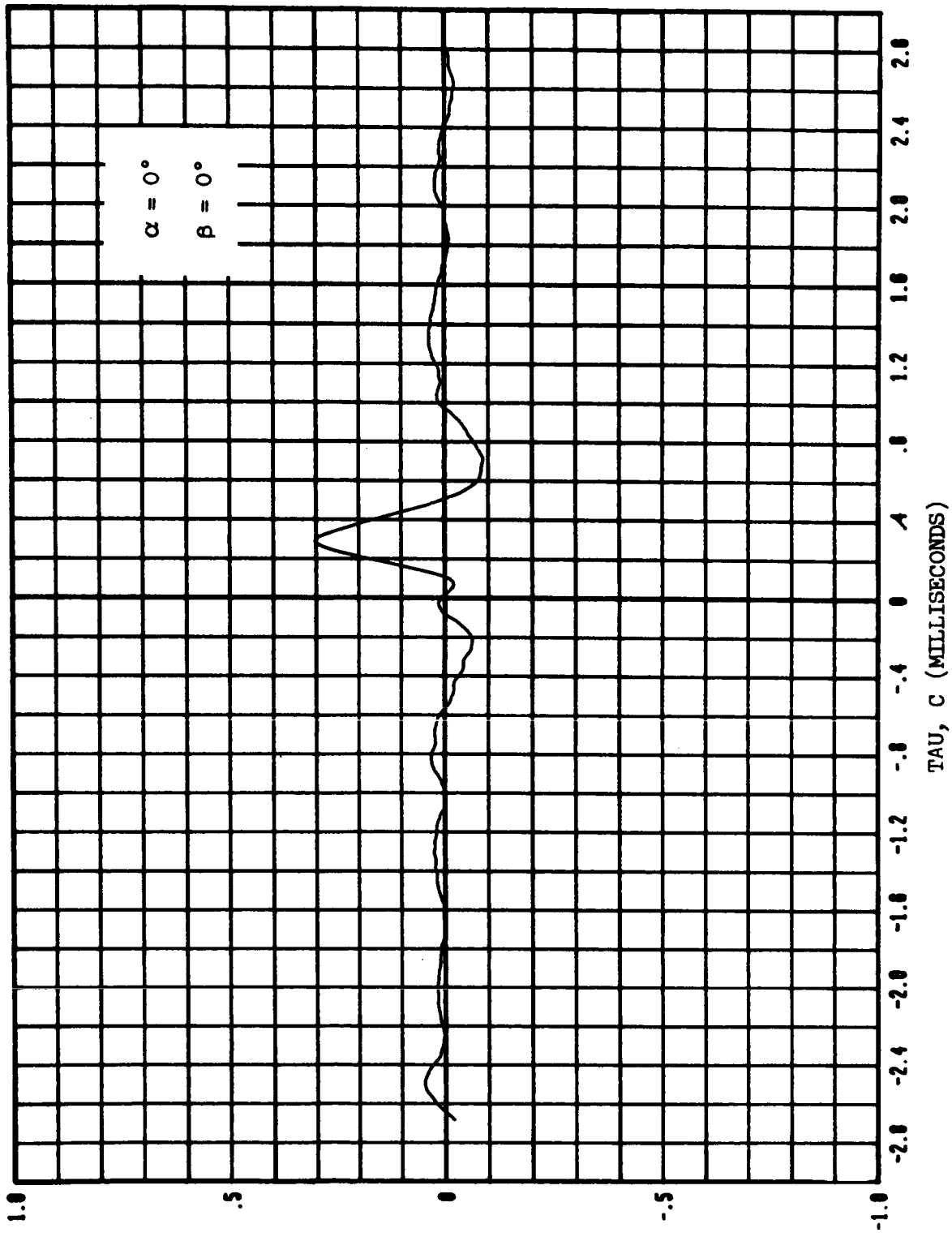
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 082, MACH NO. = 0.8, I = 14, J = 10




APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 062, MACH NO. = 0.8, I = 14, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
2762.4
5524.9
8287.3
11049.8
13812.2
16574.7
19337.1
22099.6
24862.0
27624.5
MODEL FREQ (CPS)
0
147.8
295.6
443.4
591.2
739.0
886.7
1034.5
1182.3
1330.1
1477.9
PTOTOTYPE FREQ (CPS)

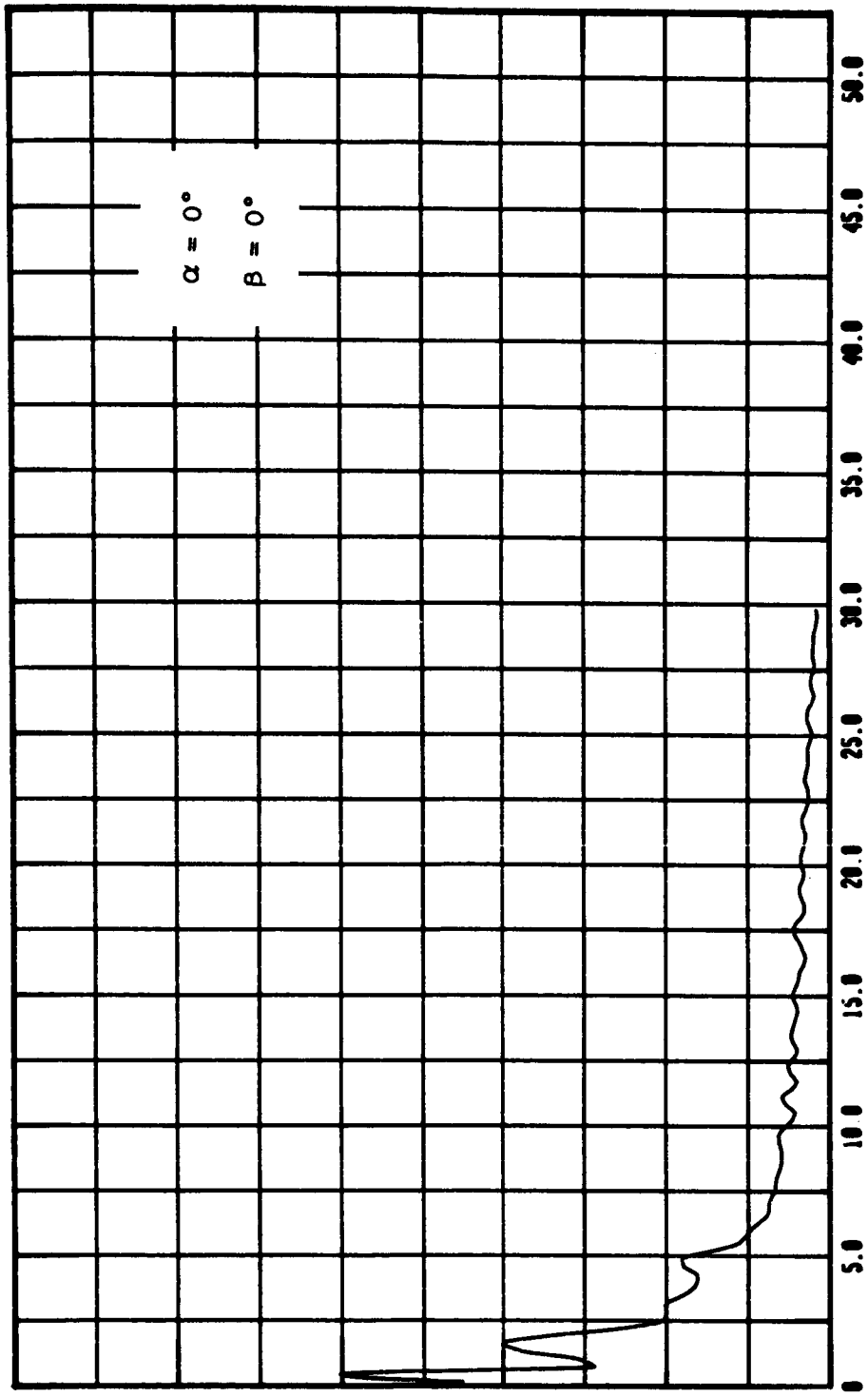

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 097, MACH NO. = 0.9
I = 11
J = 10
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 097, MACH NO. = 0.9, I = 11, J = 10



[redacted]

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 007, MACH NO. = 0.9, I = 11, J = 10



REDUCED FREQ S.F. = 1.00

0	3086.5	6173.0	9259.5	12346.0	15432.5	18519.0	21605.5	24692.0	27778.5	30865.0

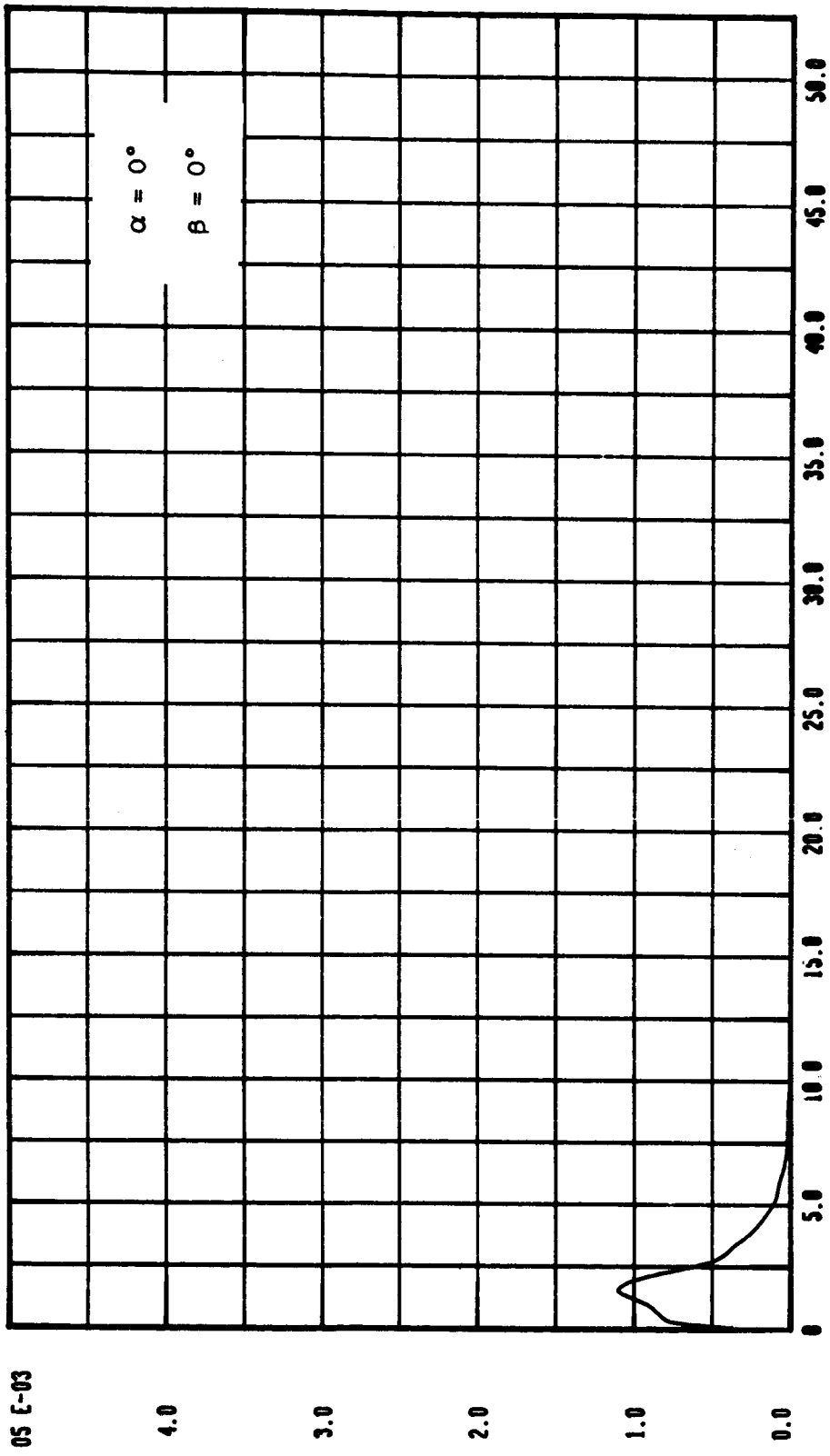
MODEL FREQ (CPS) S.F. = 009.15

0	164.2	328.4	492.6	656.8	821.0	985.2	1149.4	1313.6	1477.8	1642.0

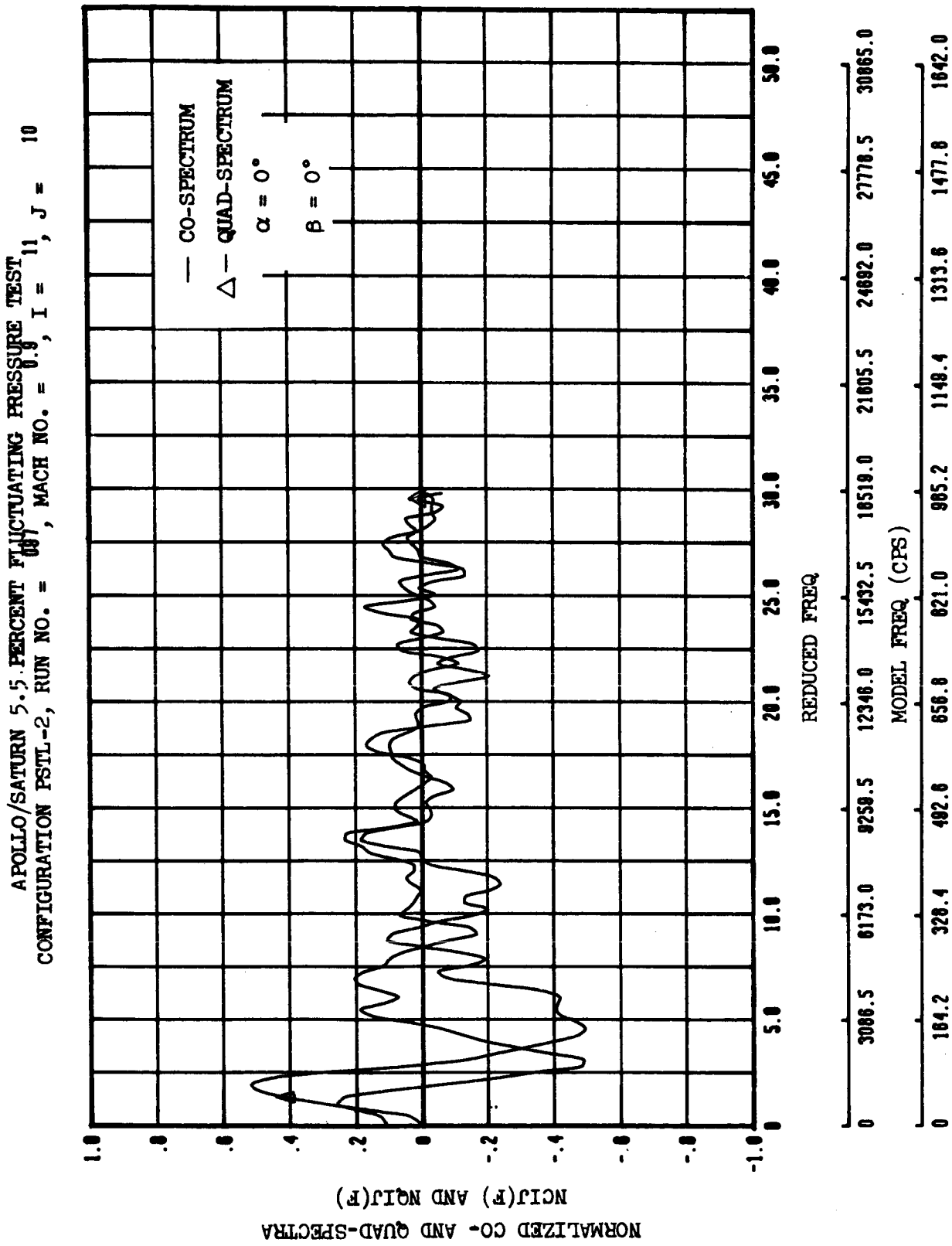
PROTOTYPE FREQ (CPS) S.F. = 001.91

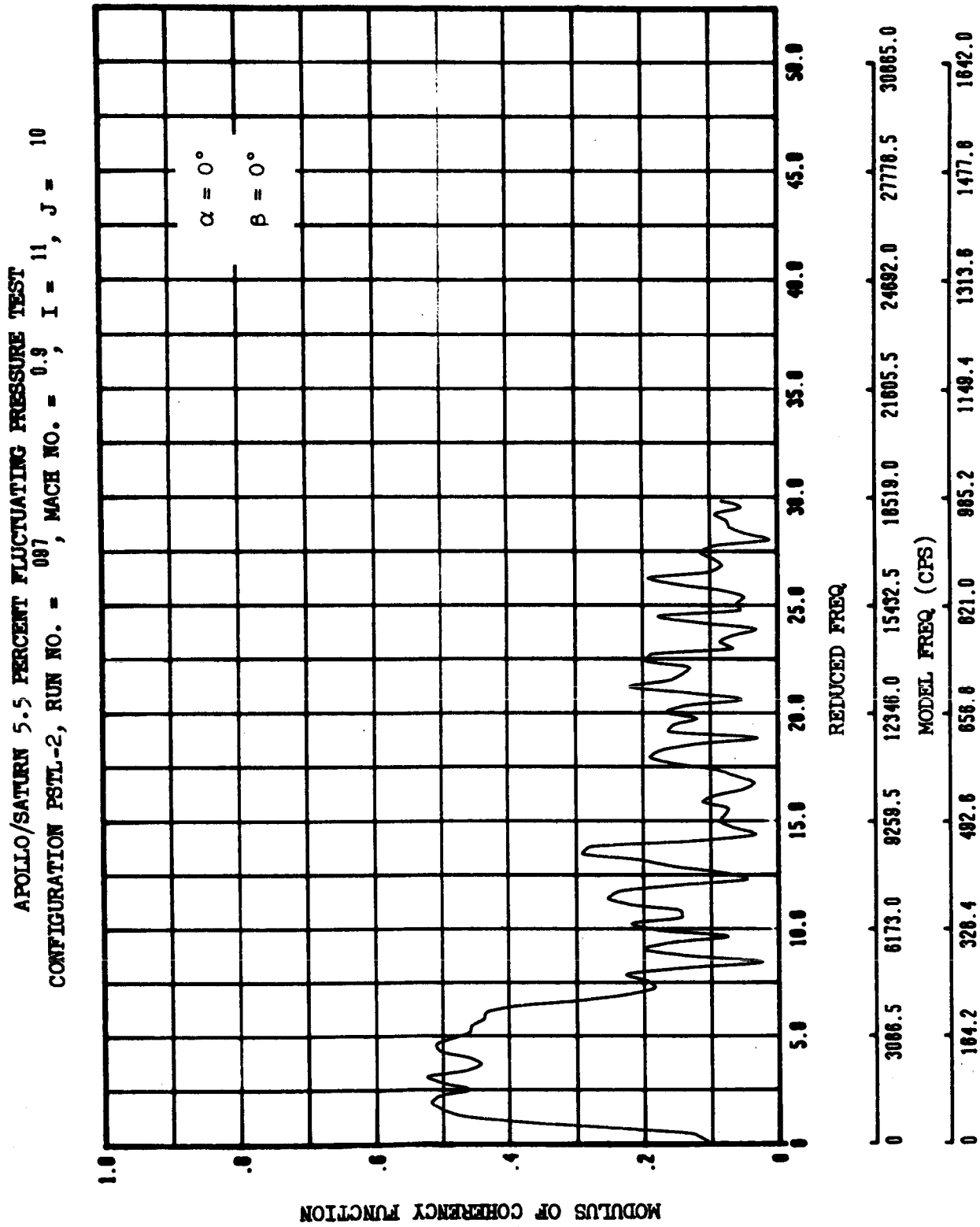
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

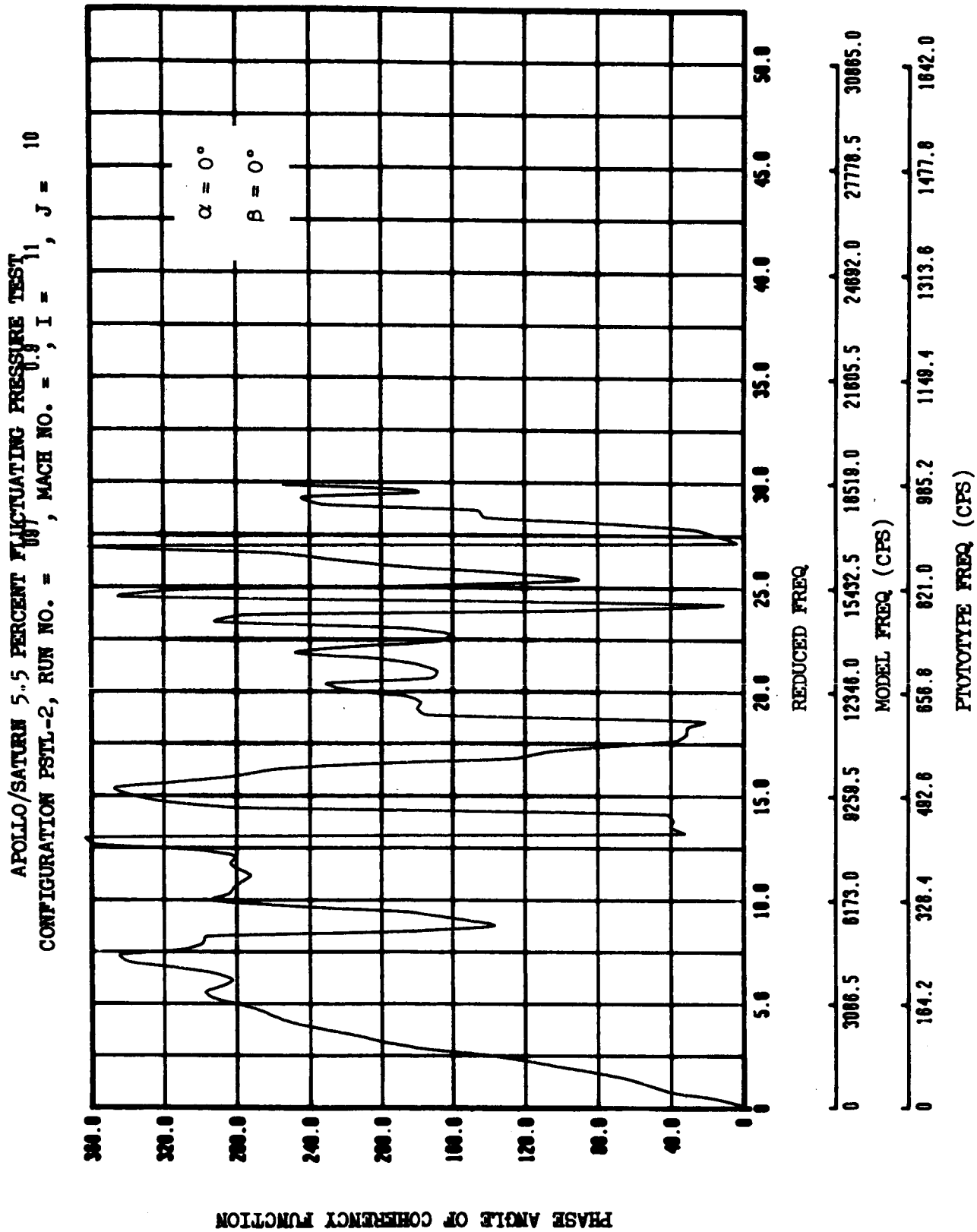
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 007, MACH NO. = 0.9, I = 11, J = 10

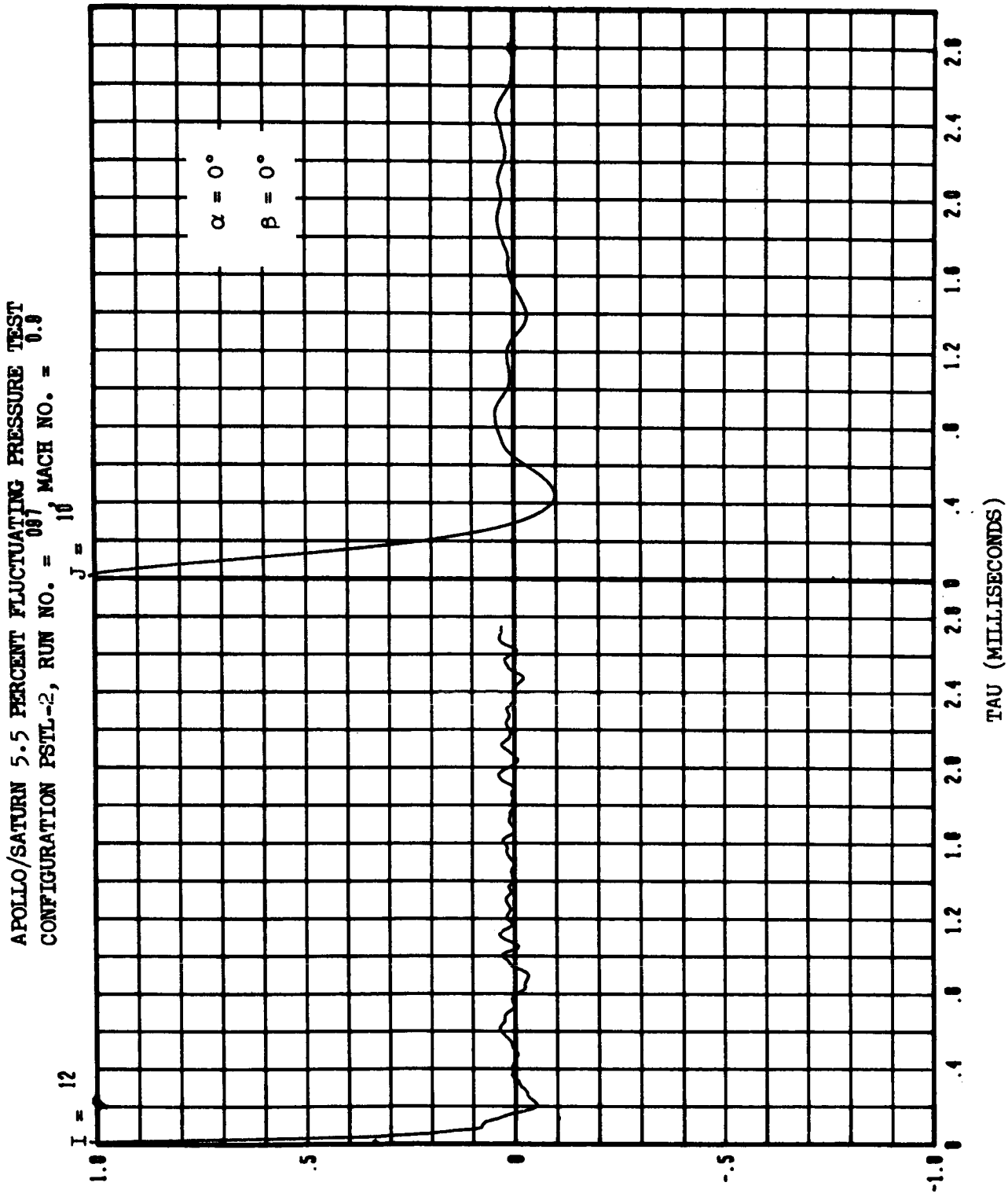


S.F. x SLJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

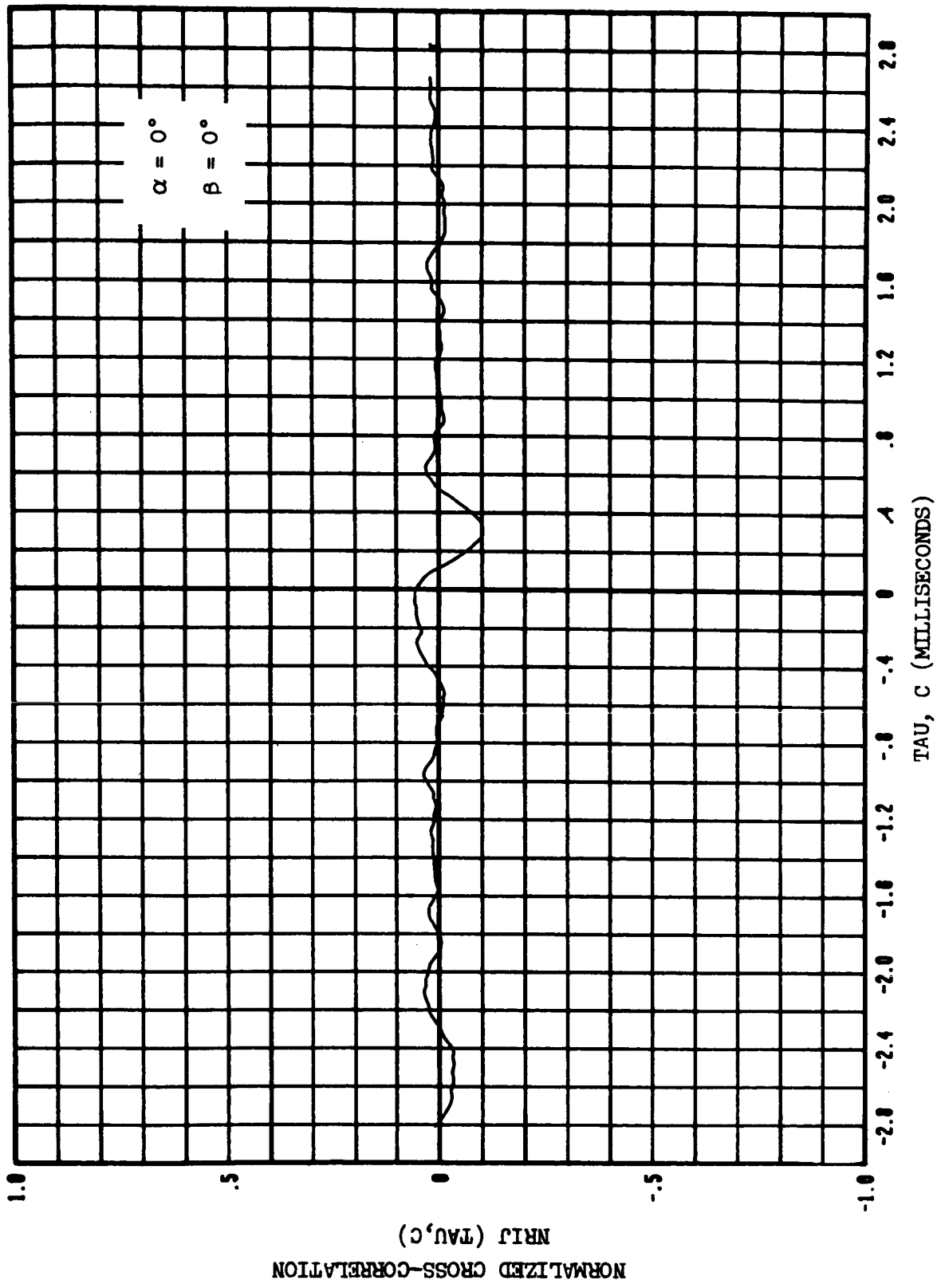

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 007, MACH NO. = 0.9, I = 11, J = 10
— CO-SPECTRUM
△— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1148.4
1313.6
1477.8
1642.0
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 087, MACH NO. = 0.9, I = 11, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ.
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ. (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1148.4
1313.6
1477.8
1642.0
PROTOTYPE FREQ. (CPS)

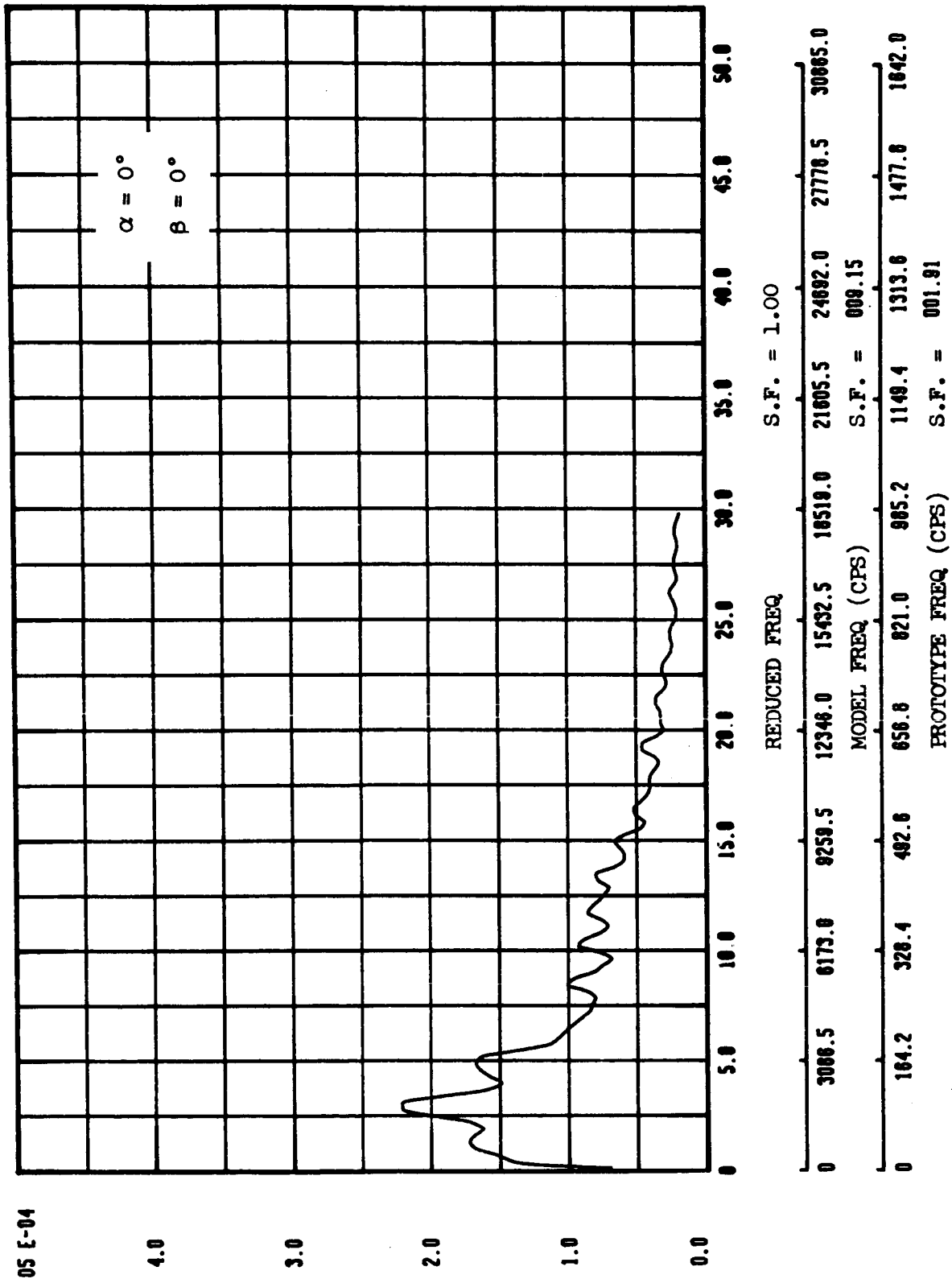

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 09, MACH NO. = 0.9, I = 11, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1149.4
1313.6
1477.8
1642.0
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 097 MACH NO. = 0.8
I = 12
J = 10
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 087, MACH NO. = 0.9, I = 12, J = 10

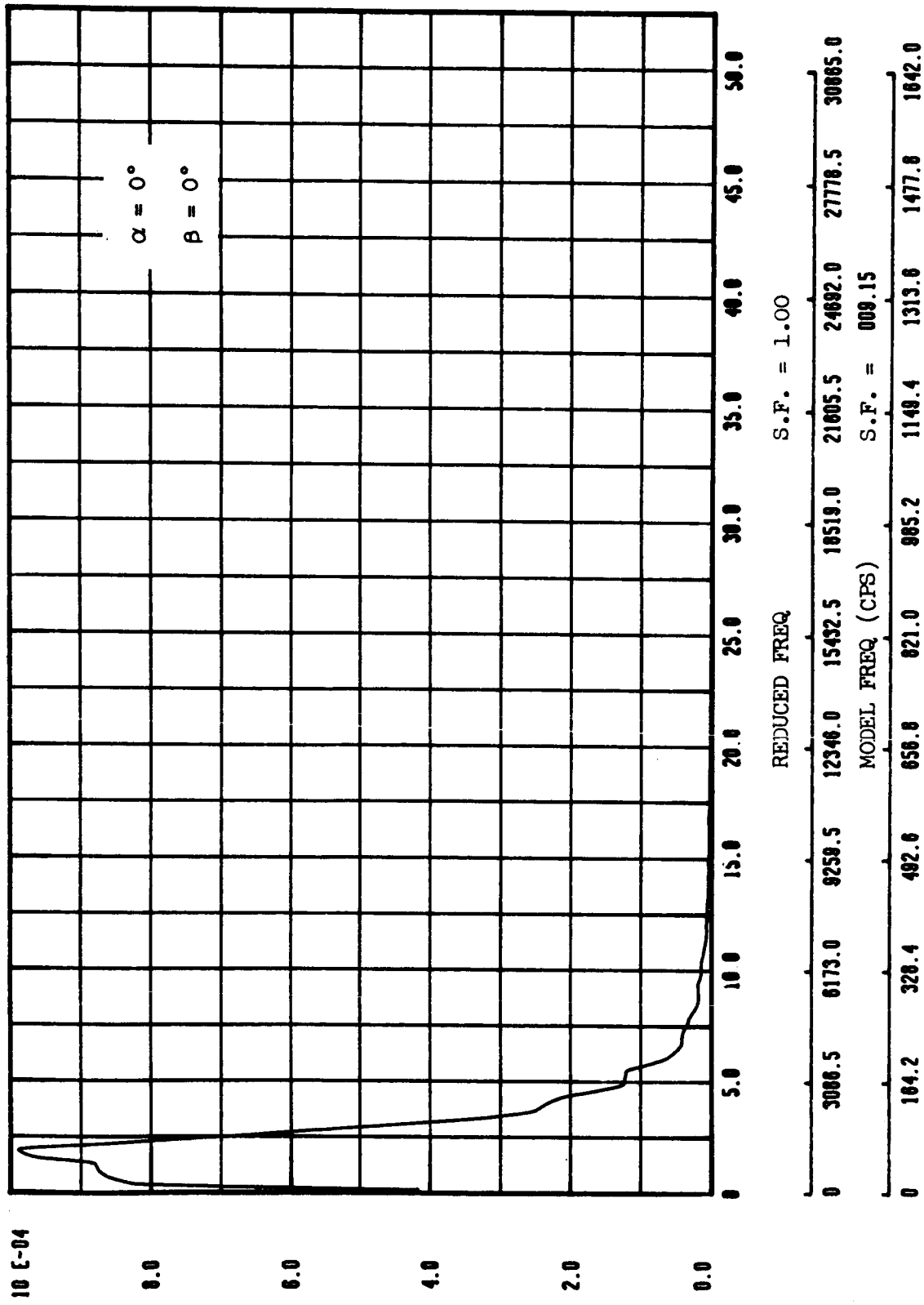


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 07, MACH NO. = 0.9, I = 12, J = 10

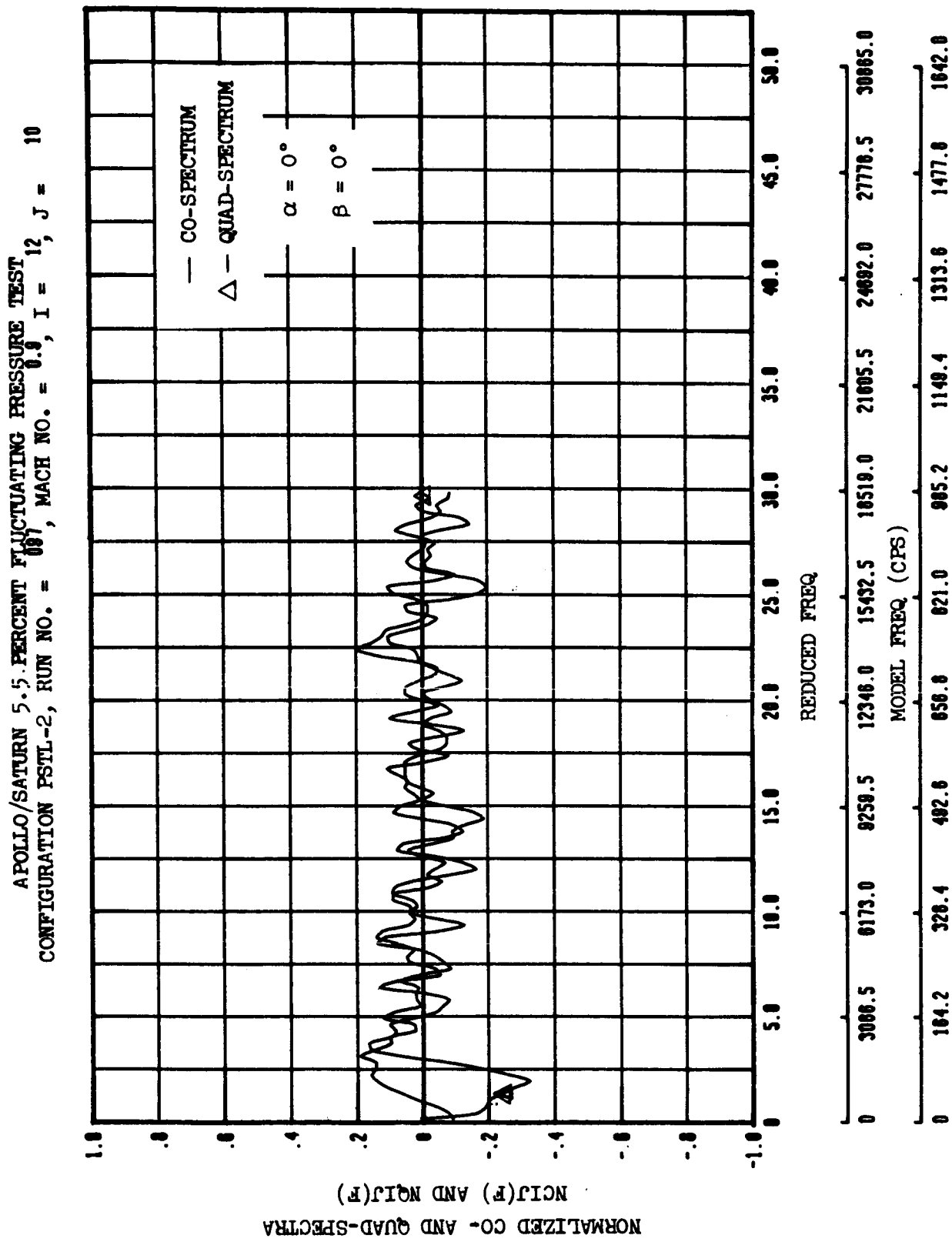


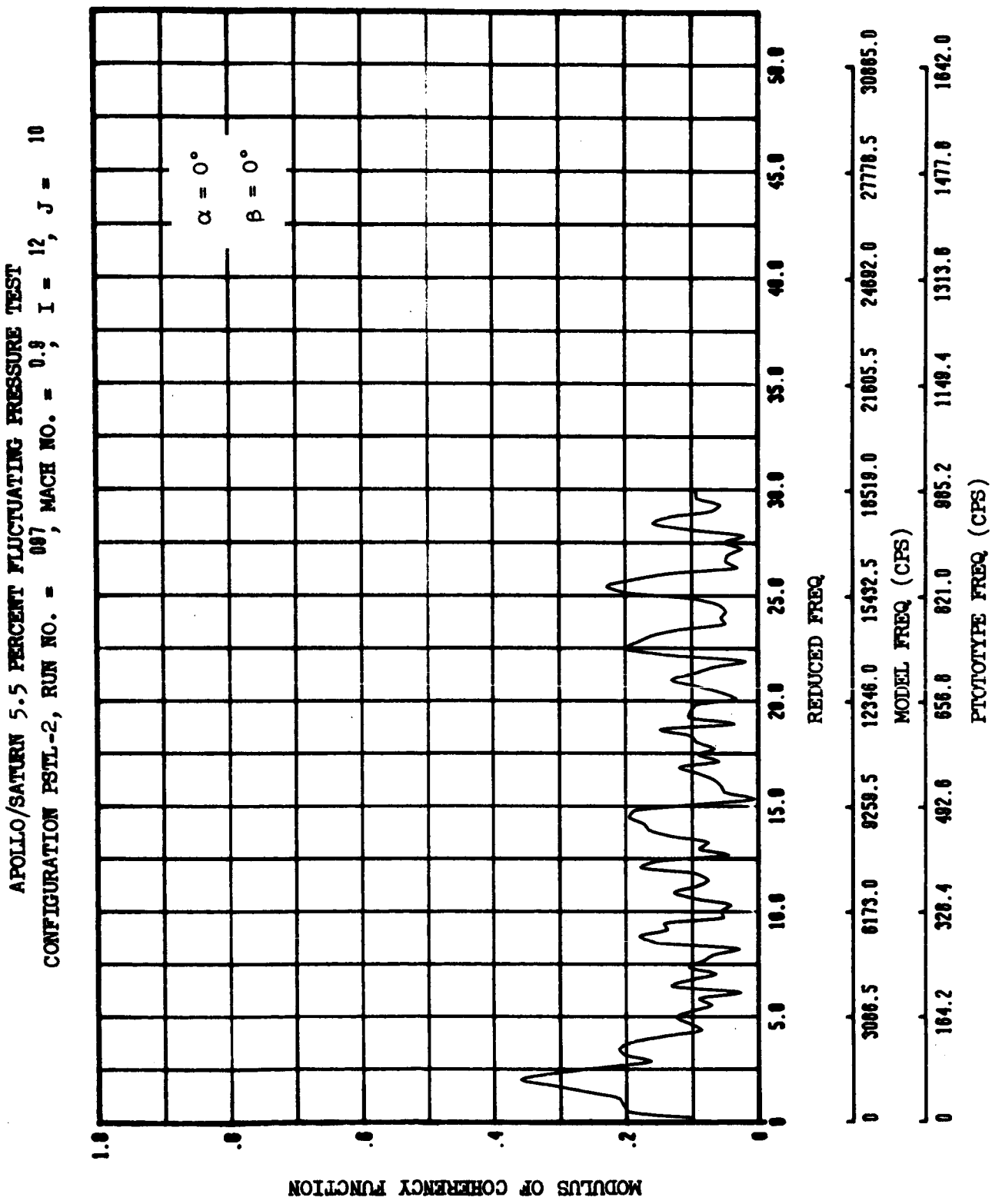
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

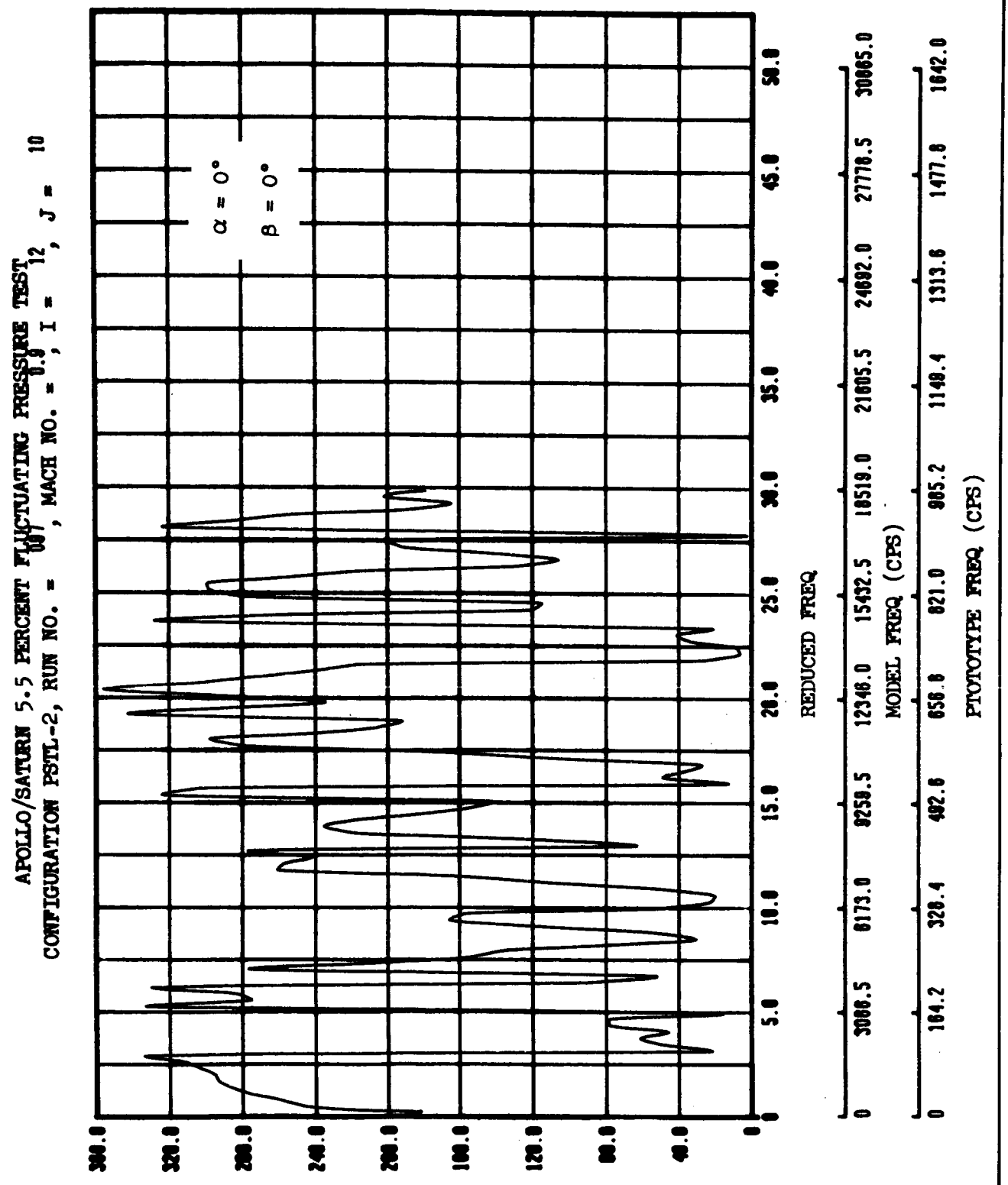
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 007, MACH NO. = 0.9, I = 12, J = 10

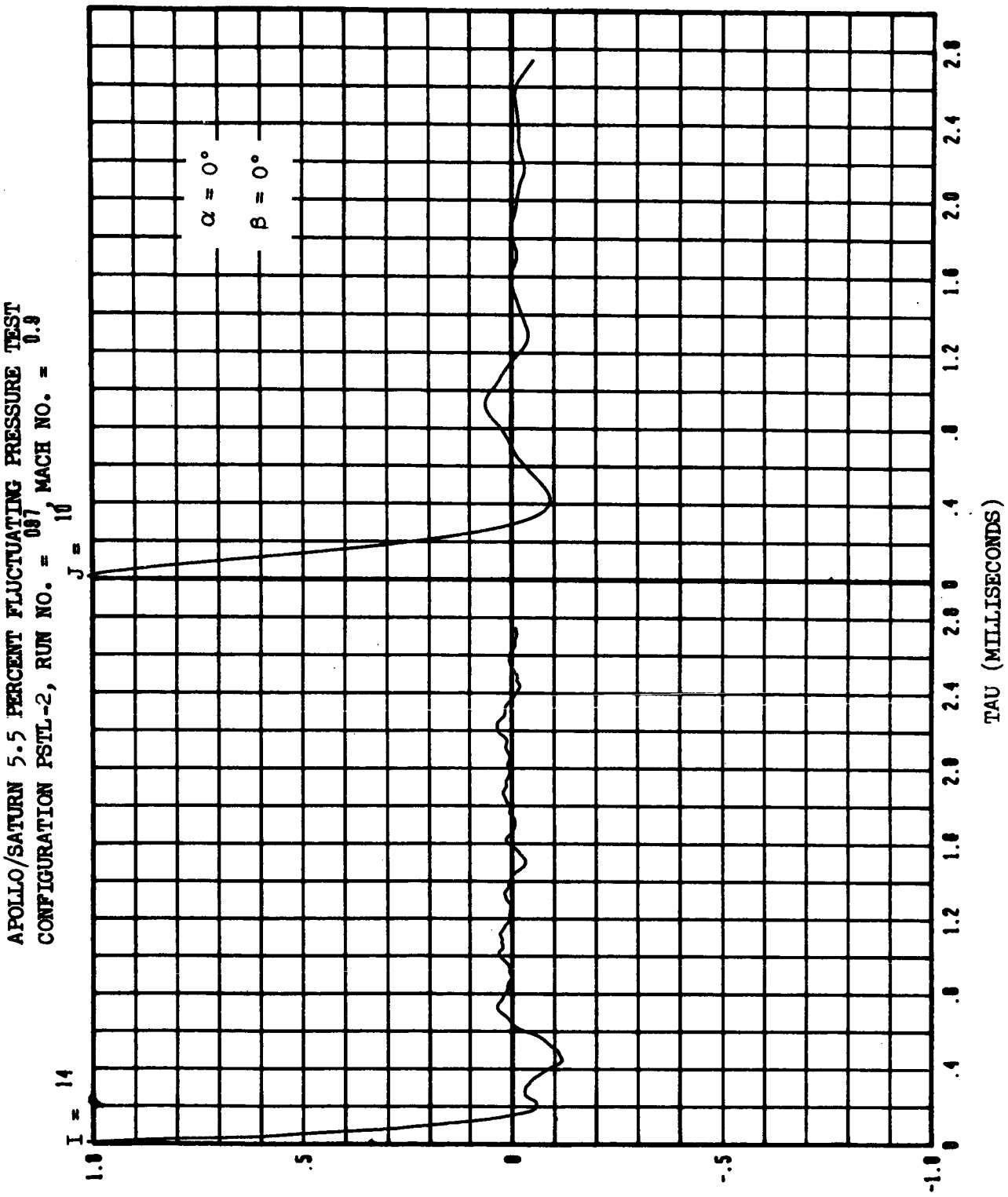


S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

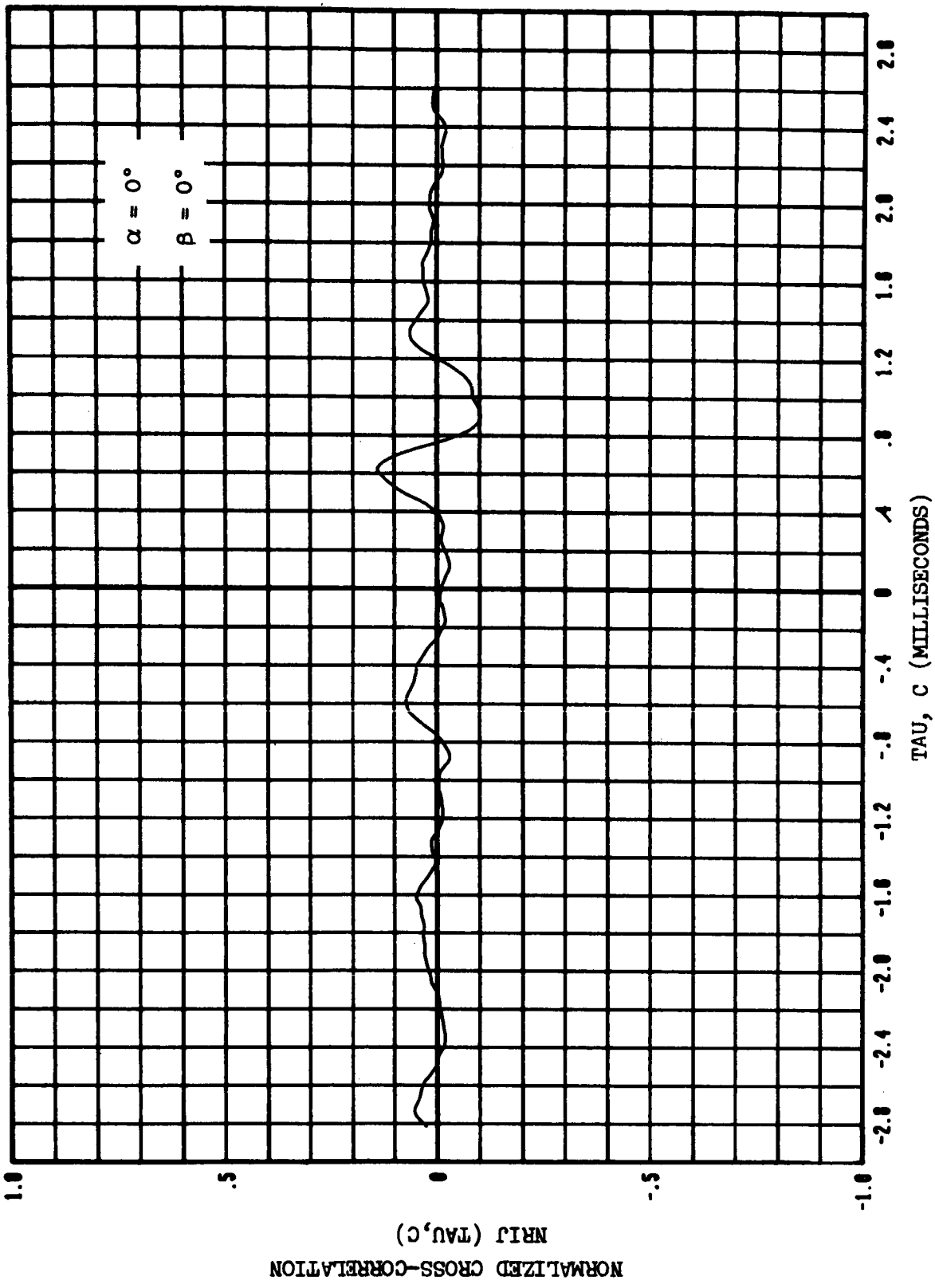

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 007, MACH NO. = 0.9, I = 12, J = 10
— CO-SPECTRUM
Δ — QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1149.4
1313.6
1477.8
1642.0
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 087, MACH NO. = 0.9, I = 12, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1149.4
1313.6
1477.8
1642.0
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 07, MACH NO. = 0.9, I = 12, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1149.4
1313.6
1477.8
1642.0
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 087 MACH NO. = 0.8
I = 14
J = 10
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 087, MACH NO. = 0.9, I = 14, J = 10



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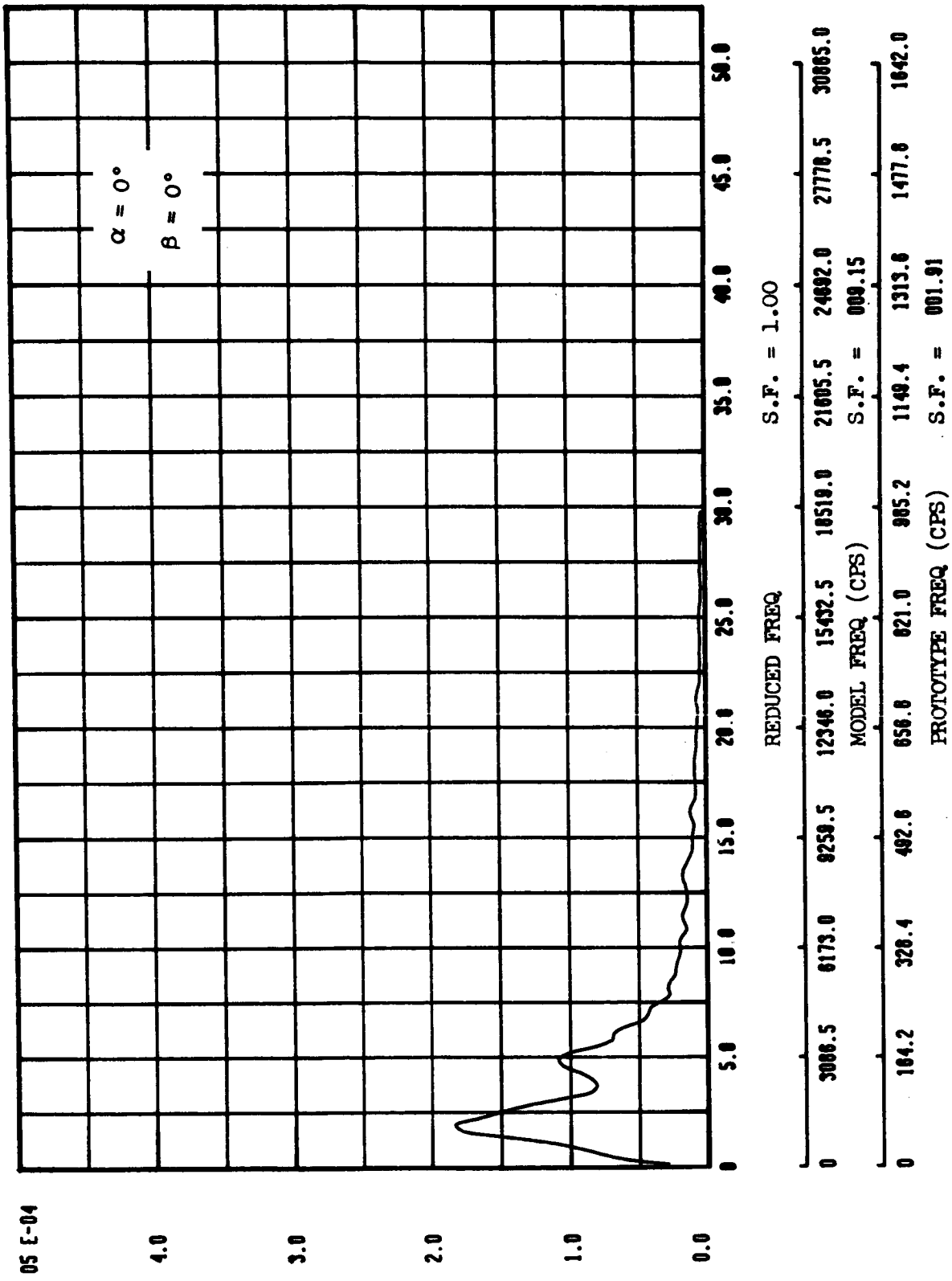
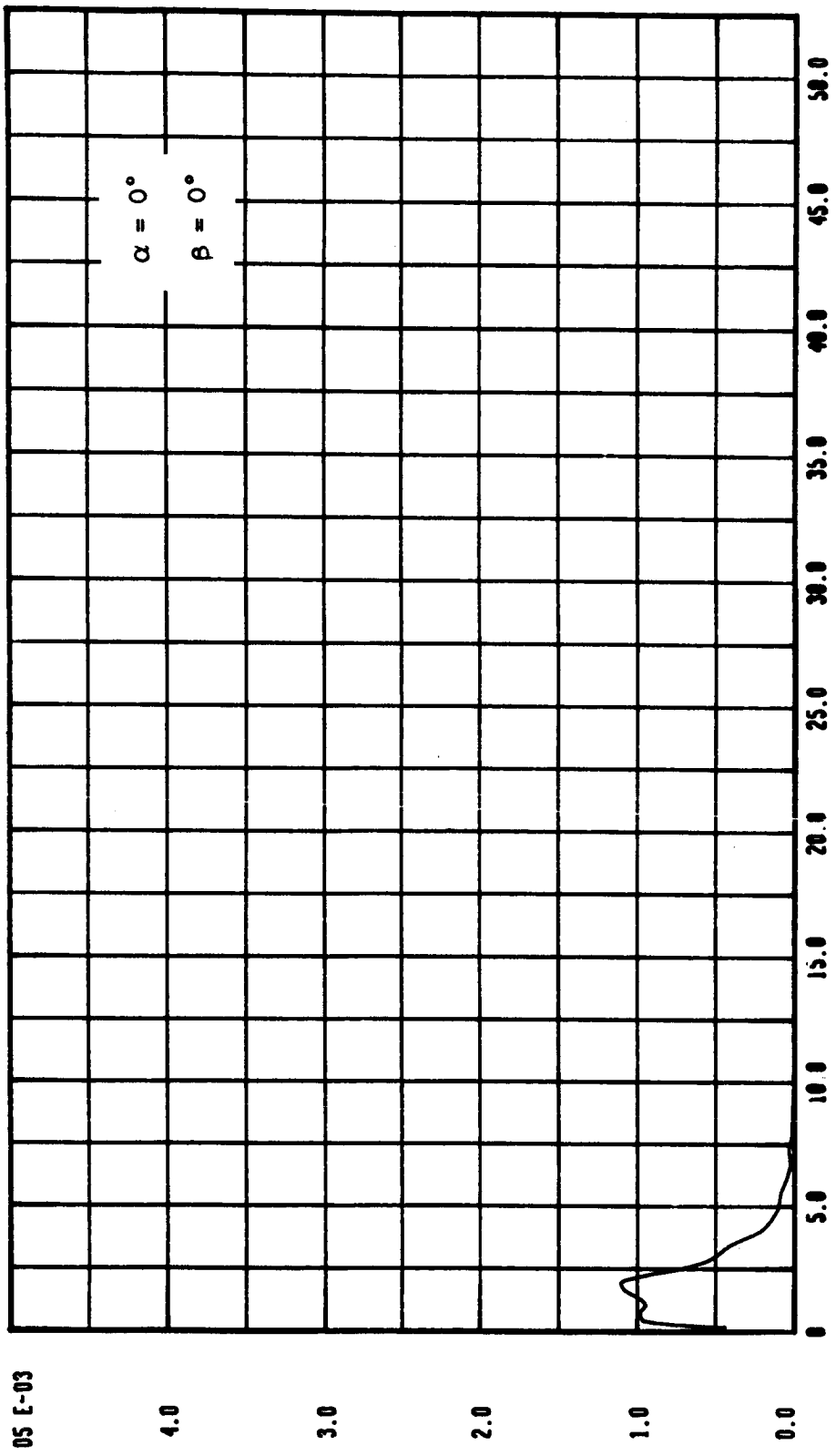
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 007, MACH NO. = 0.9, I = 14, J = 10

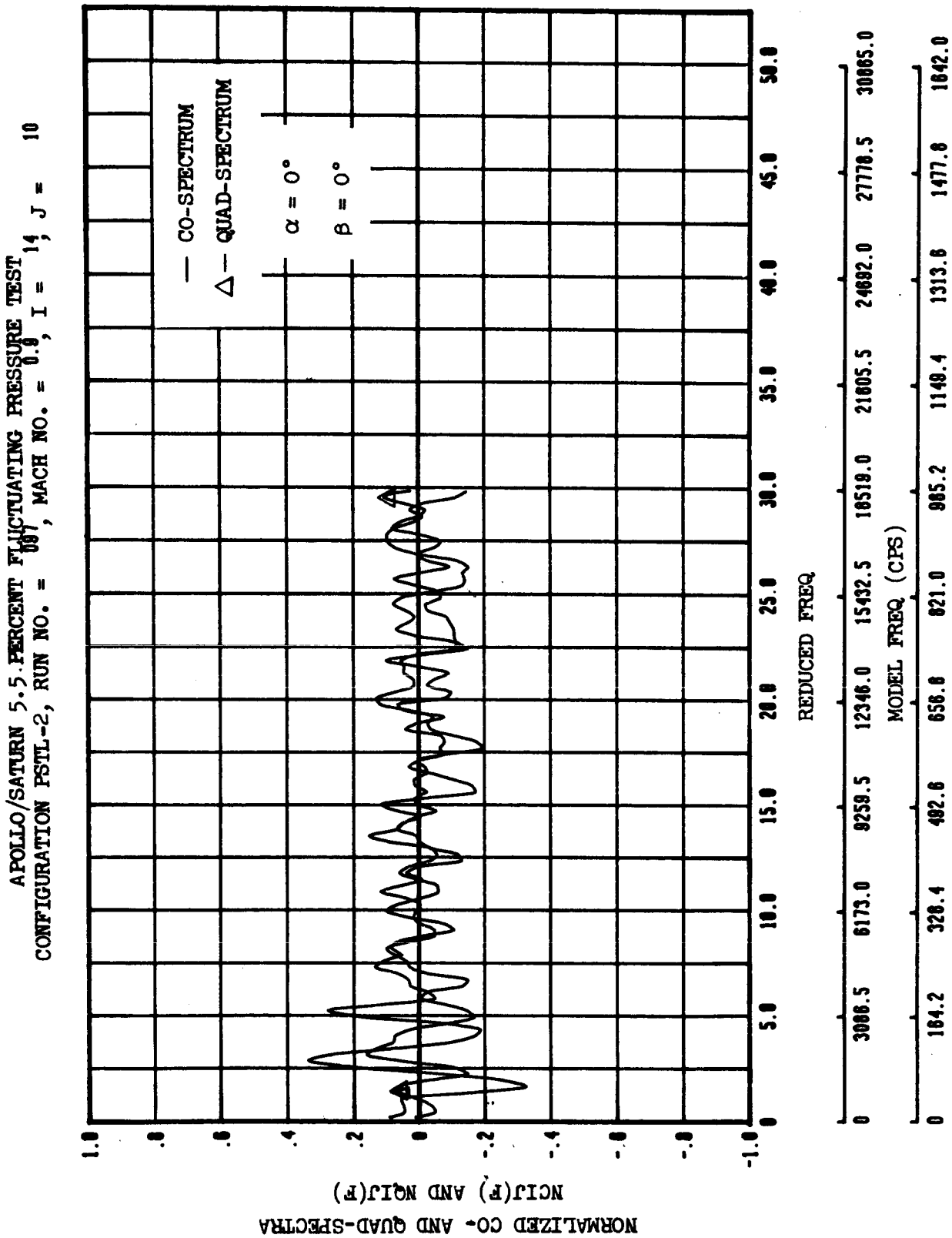


S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

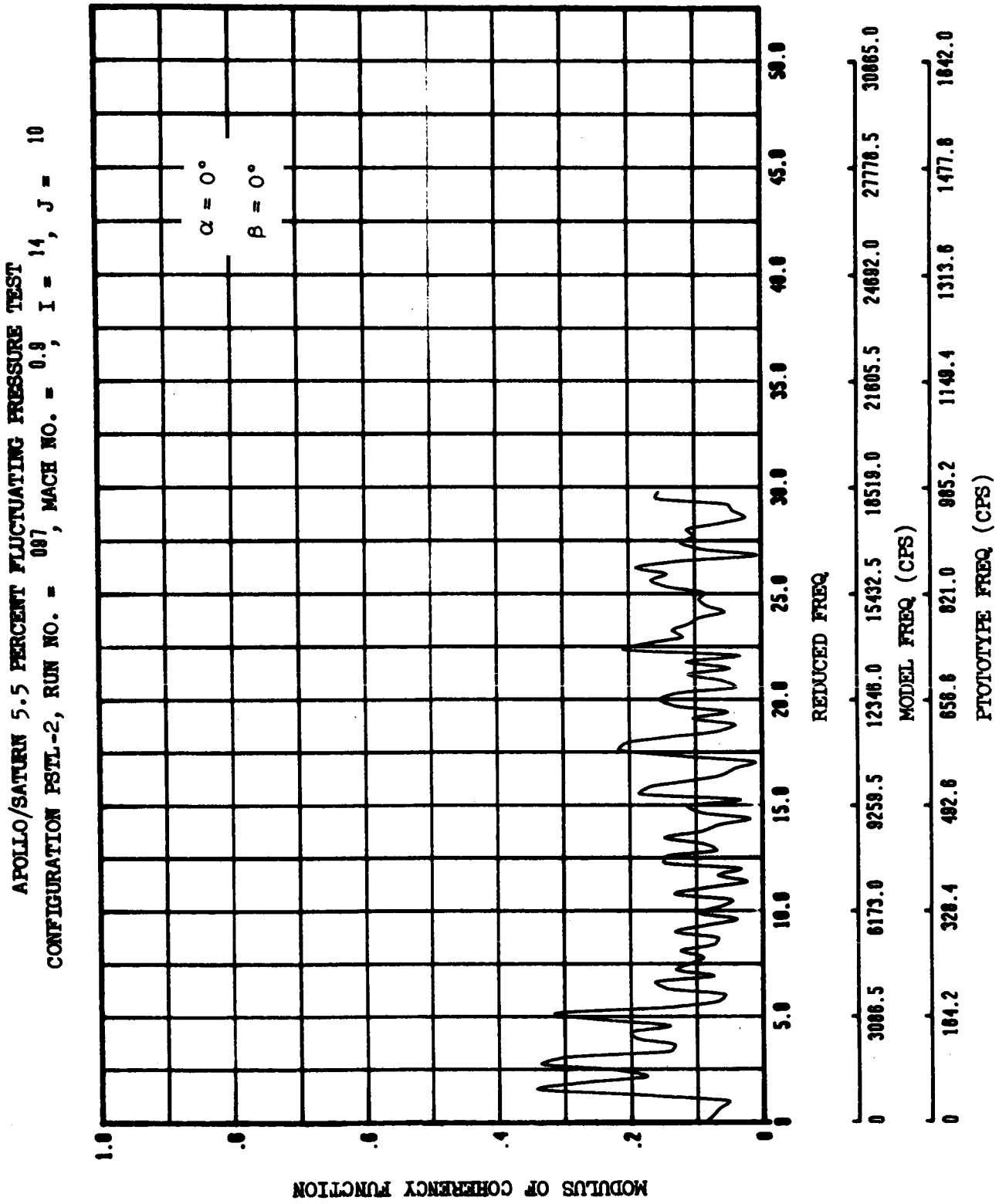
CONFIDENTIAL

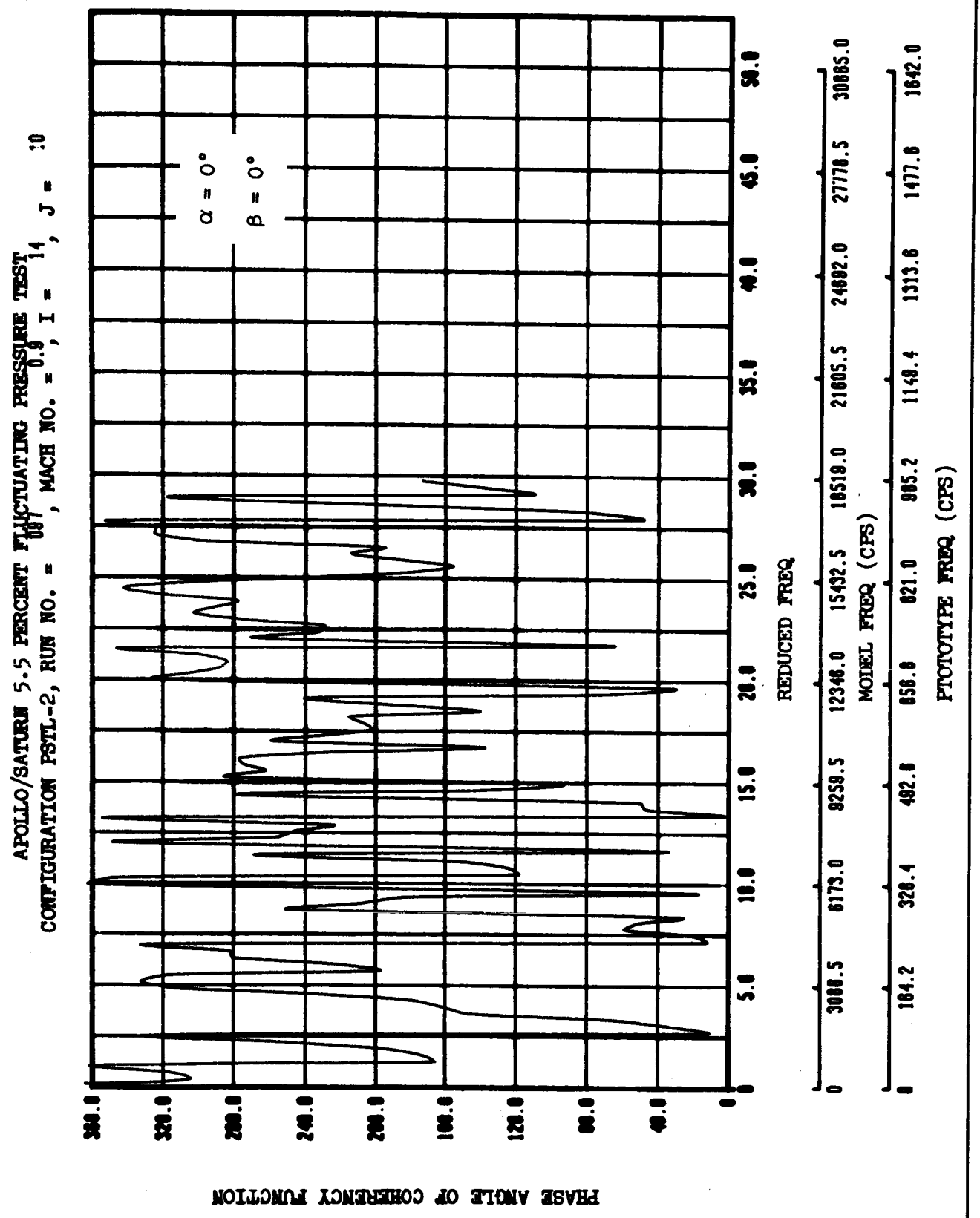
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 097, MACH NO. = 0.9, I = 14, J = 10

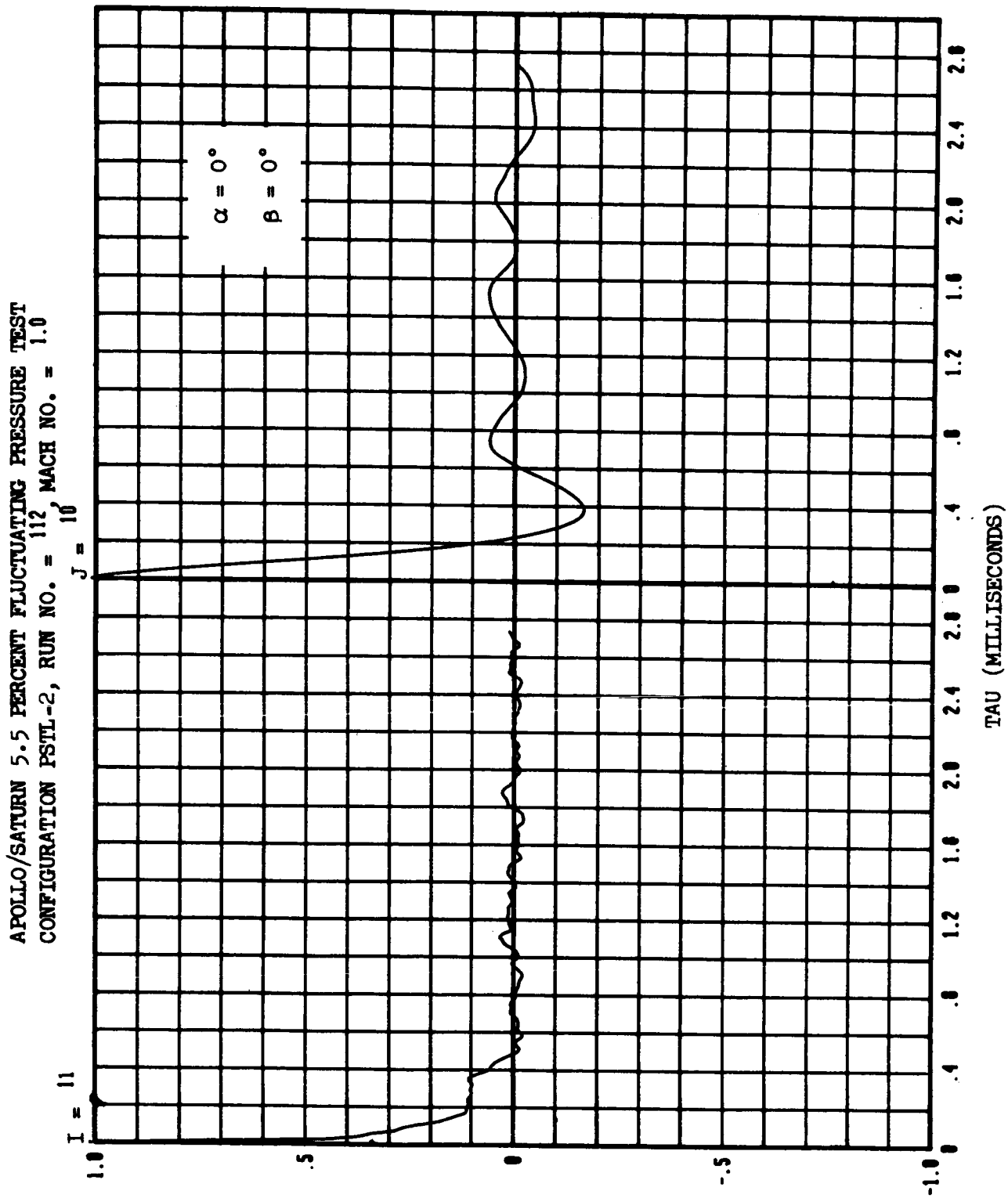



APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 007, MACH NO. = 0.9, I = 14, J = 10
— CO-SPECTRUM
Δ— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1148.4
1313.6
1477.8
1642.0
PTOTOTYPE FREQ (CPS)

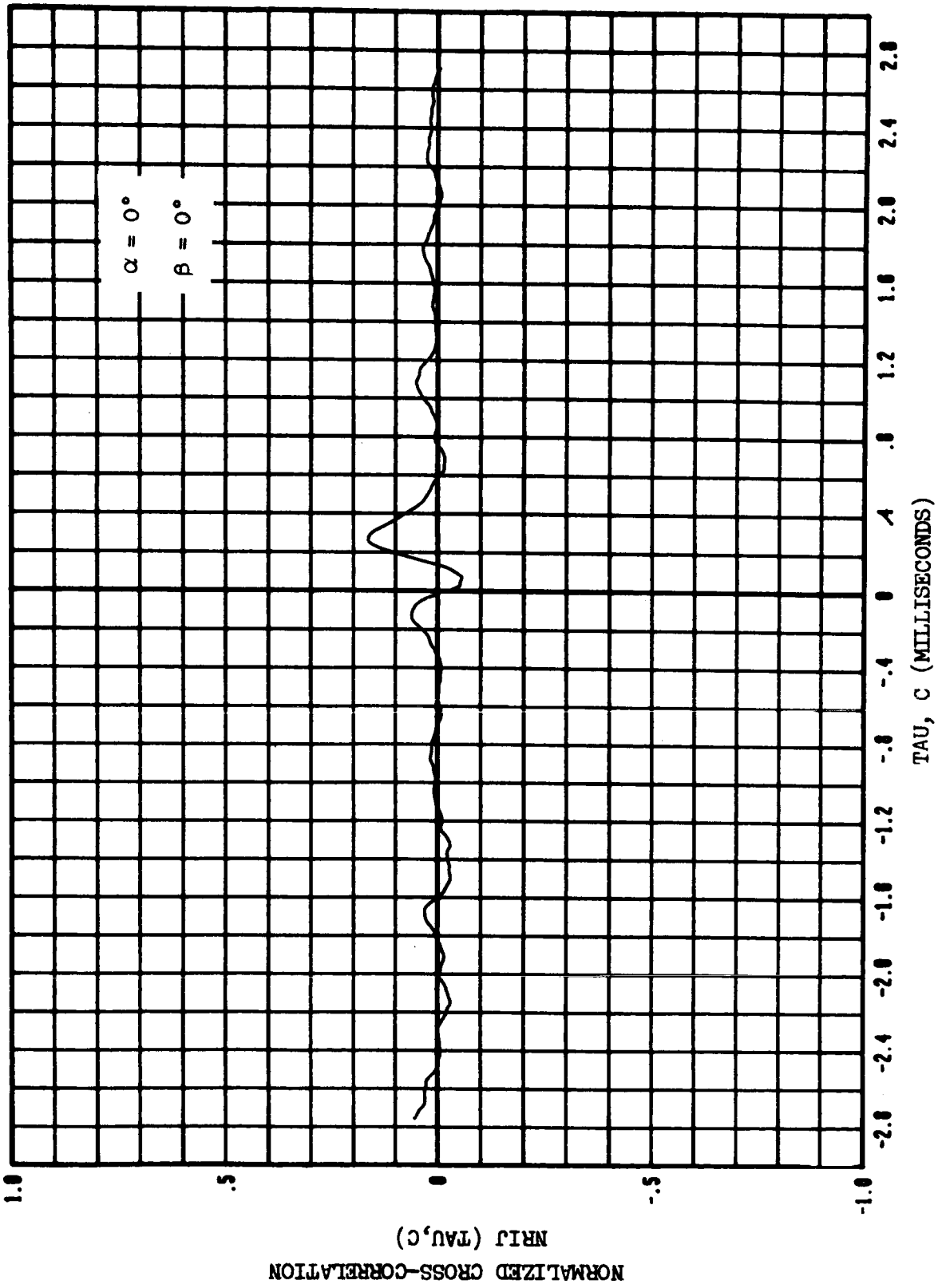
[redacted]


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 087, MACH NO. = 0.9, I = 14, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1149.4
1313.6
1477.8
1642.0
PROTOTYPE FREQ (CPS)

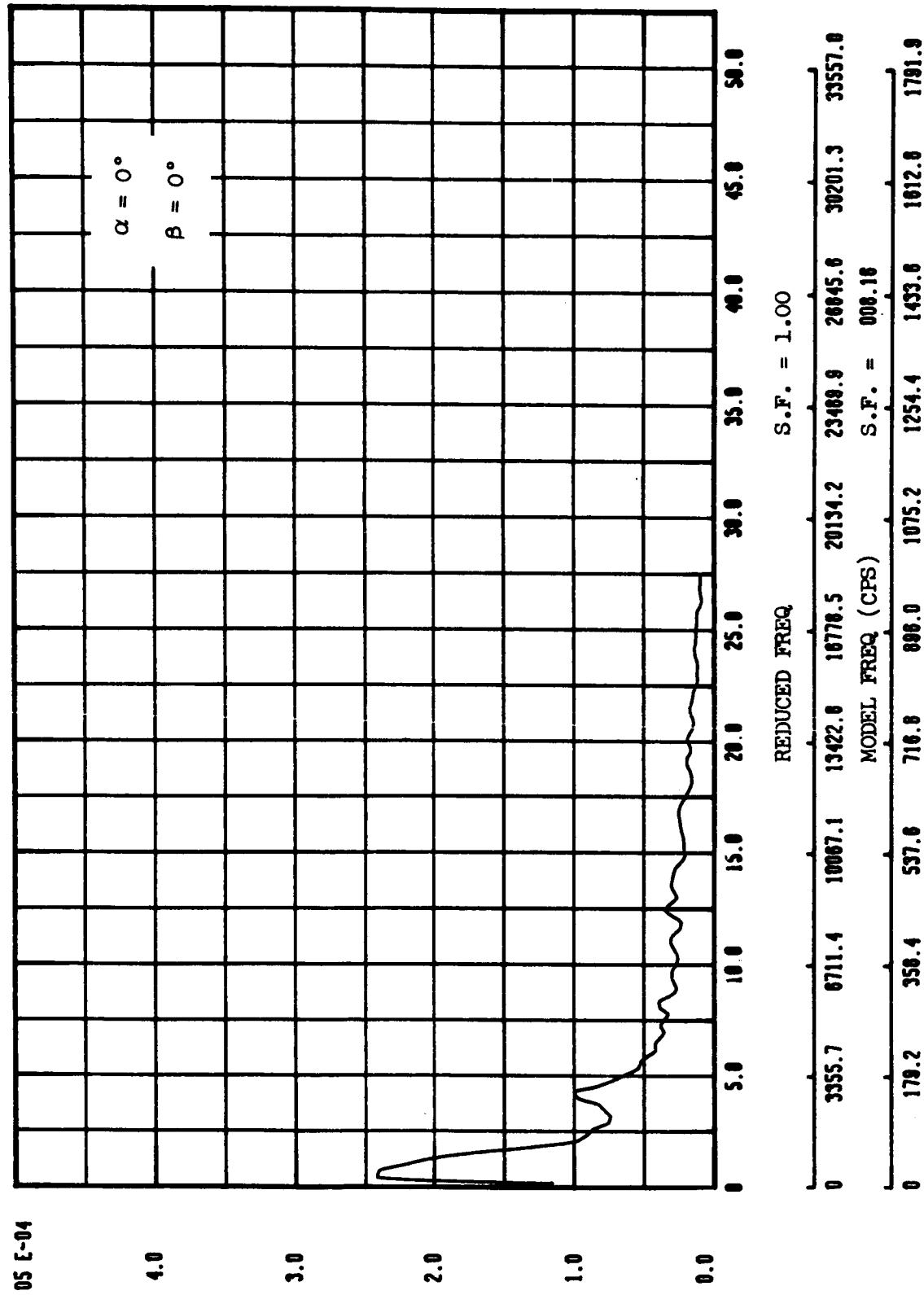

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 007, MACH NO. = 0.9, I = 14, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3086.5
6173.0
9259.5
12346.0
15432.5
18519.0
21605.5
24692.0
27778.5
30865.0
MODEL FREQ (CPS)
0
164.2
328.4
492.6
656.8
821.0
985.2
1148.4
1313.6
1477.8
1642.0
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0
I = 11
J = 10
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 11, J = 10

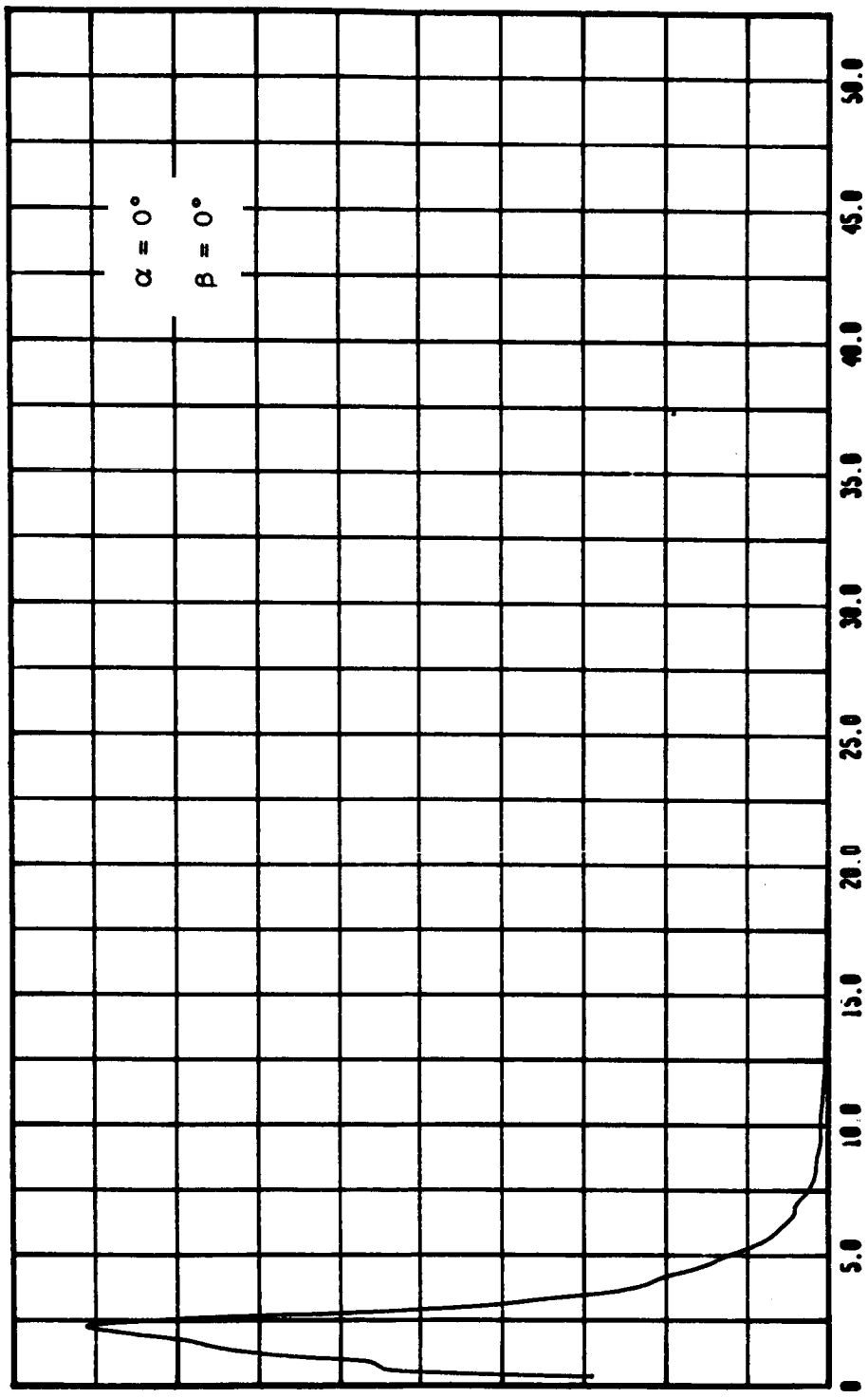


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 11, J = 10

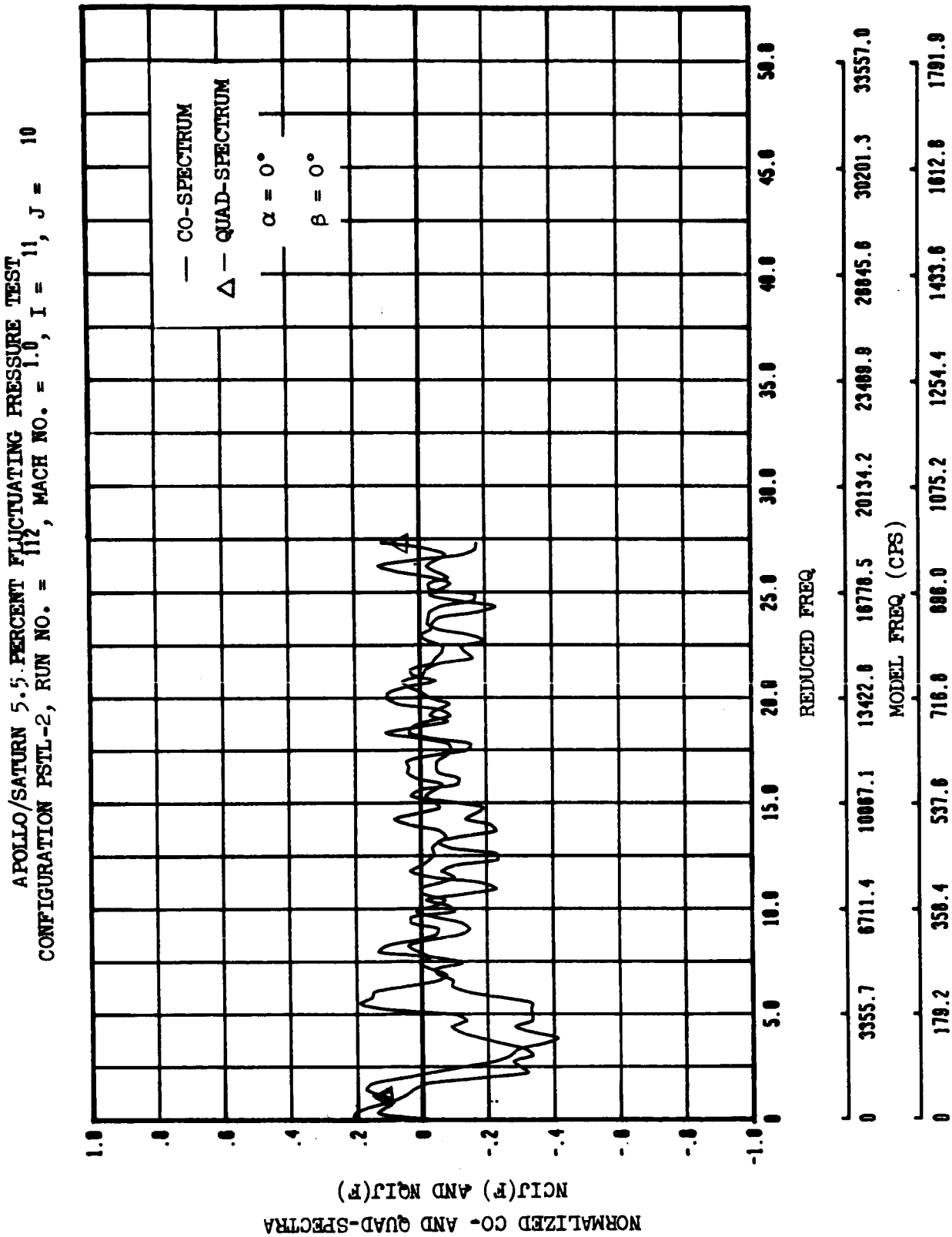


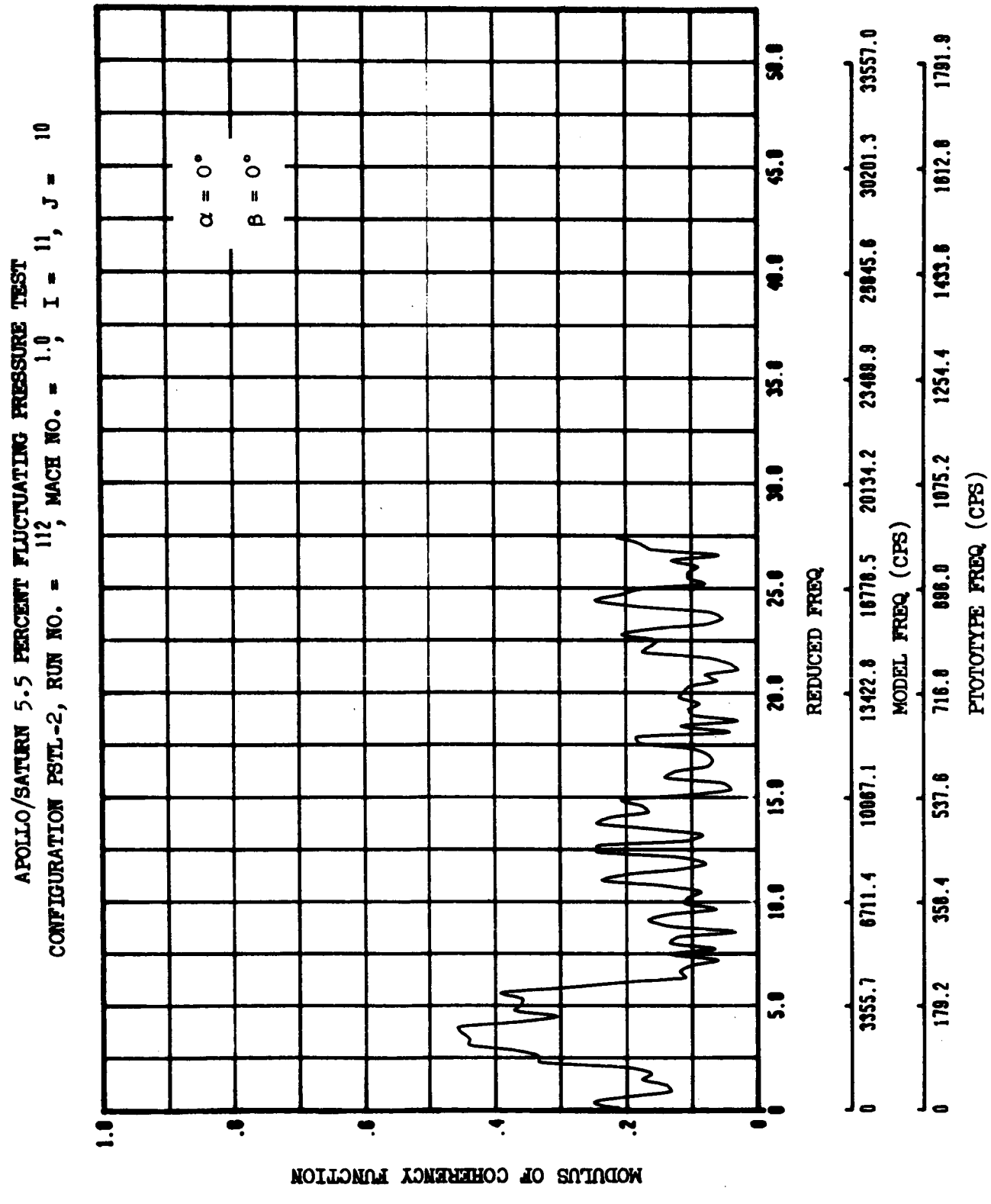
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

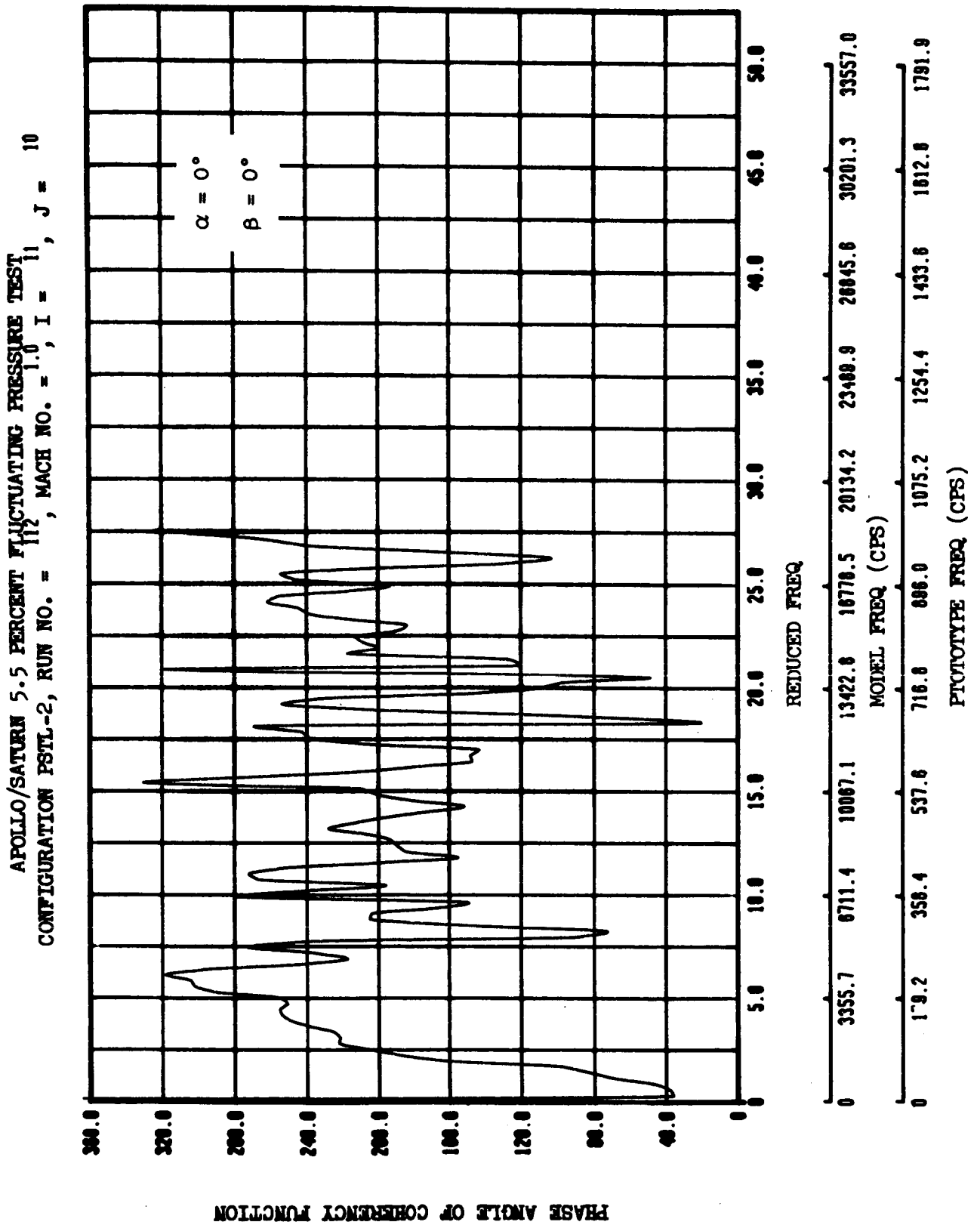
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 11, J = 10

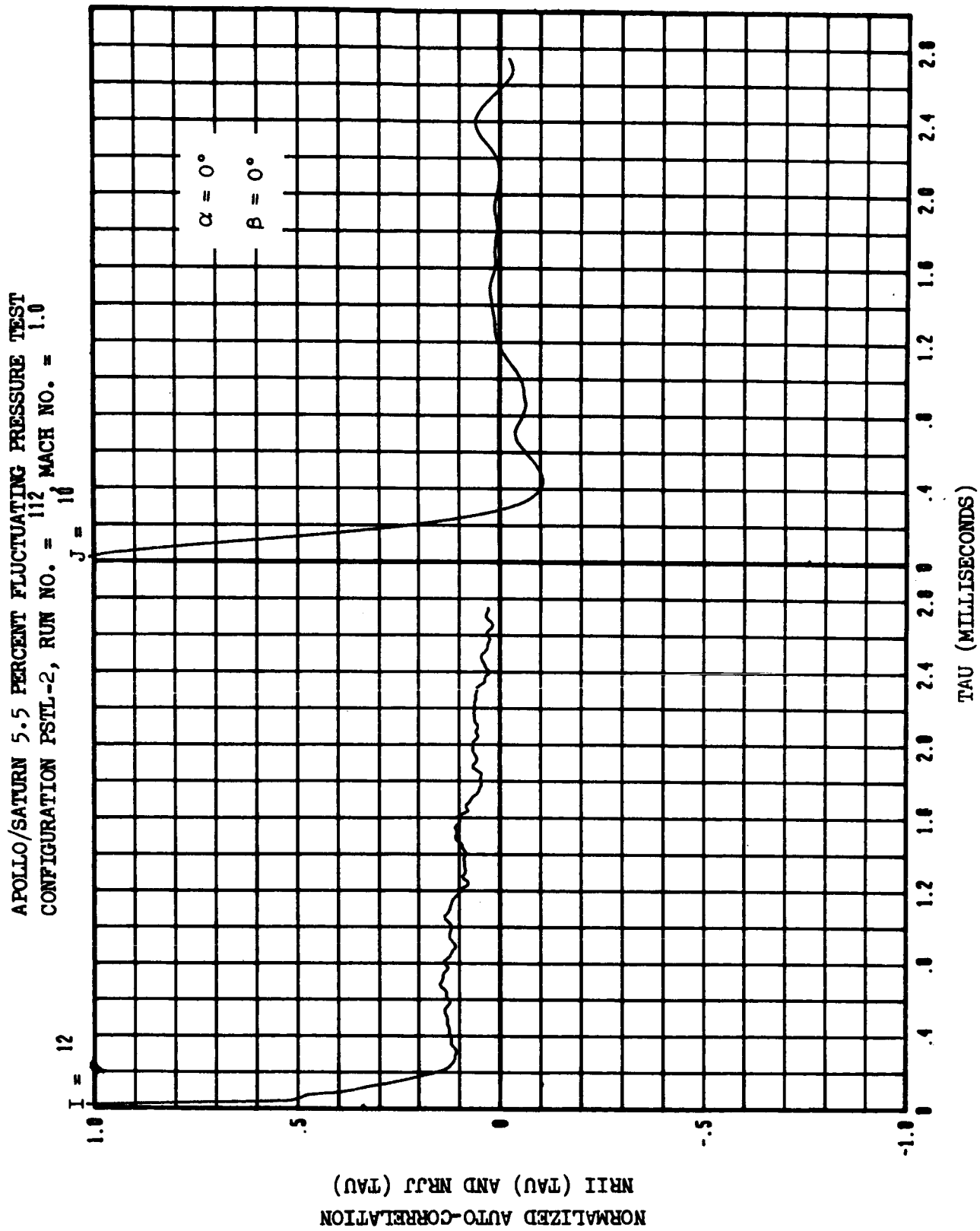


S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

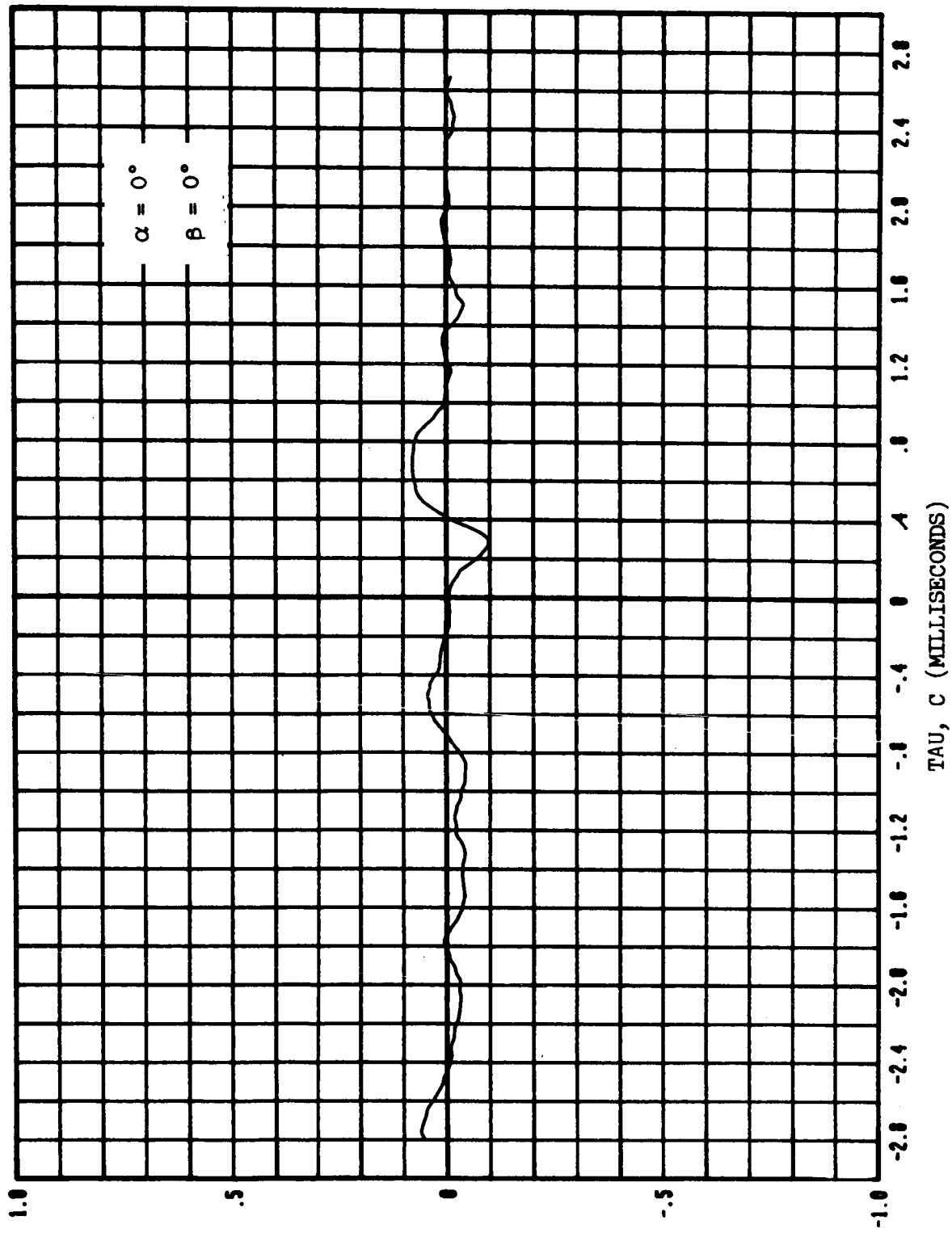

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 11, J = 10
— CO-SPECTRUM
Δ — QUAD-SPECTRUM
α = 0°
β = 0°
NCIJ(F) AND NQIJ(F)
NORMALIZED CO- AND QUAD-SPECTRA
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.8
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
179.2
358.4
537.6
716.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 11, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.9
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
179.2
358.4
537.6
716.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PTOTOTYPE FREQ (CPS)

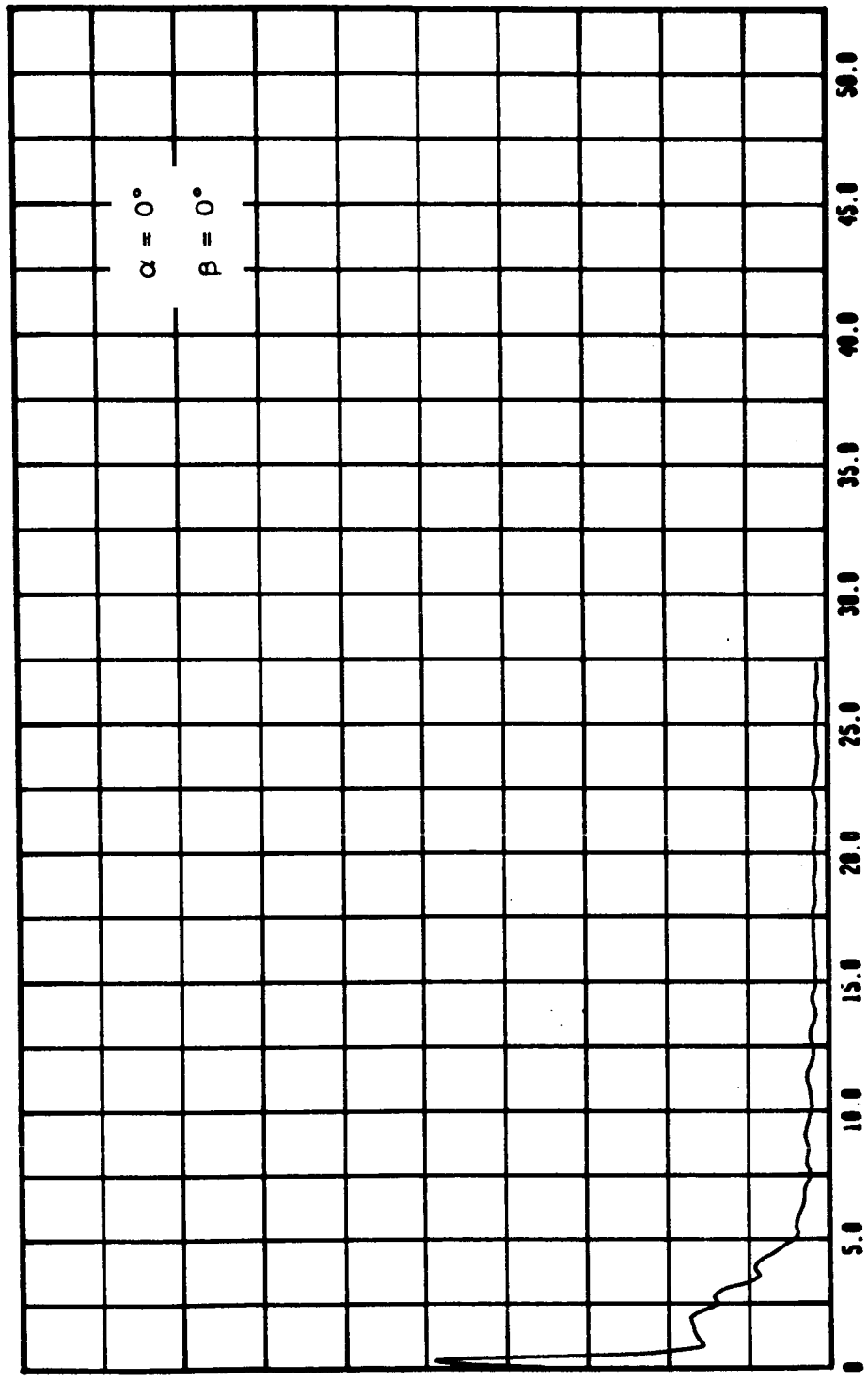

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 11, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.9
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
179.2
358.4
537.6
716.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112 MACH NO. = 1.0
I = 12
J = 10
α = 0°
β = 0°
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 12, J = 10

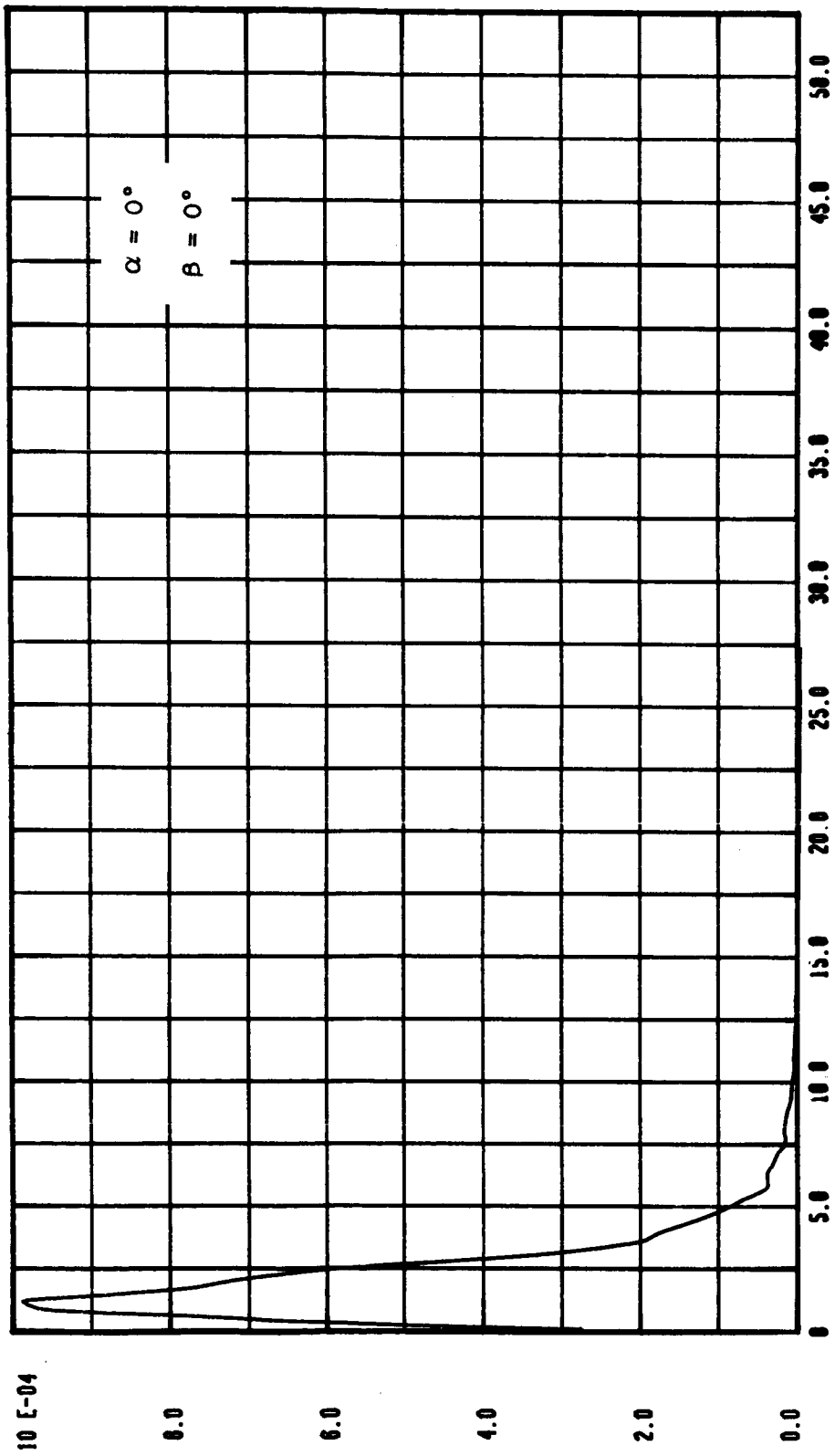


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 12, J = 10



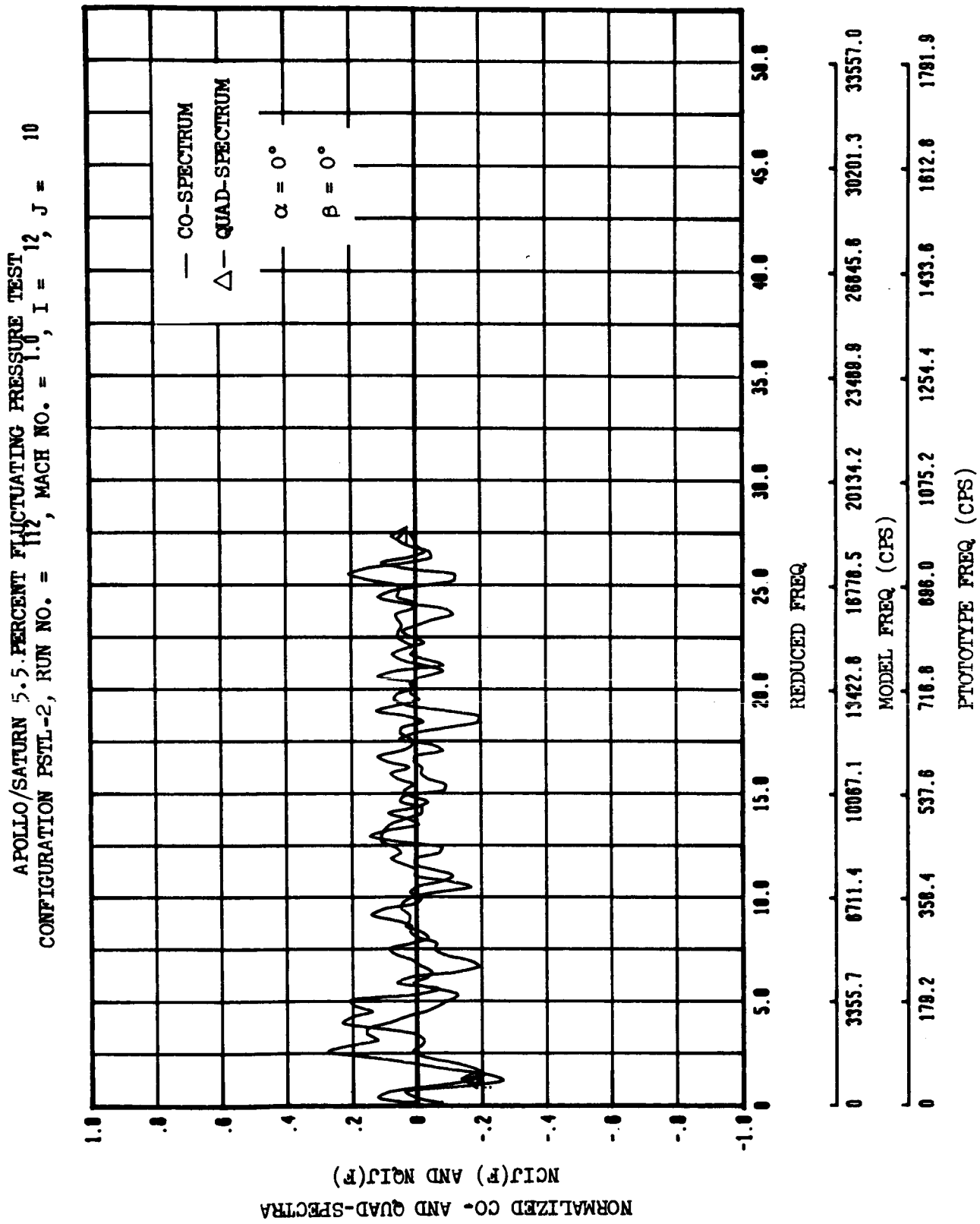
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

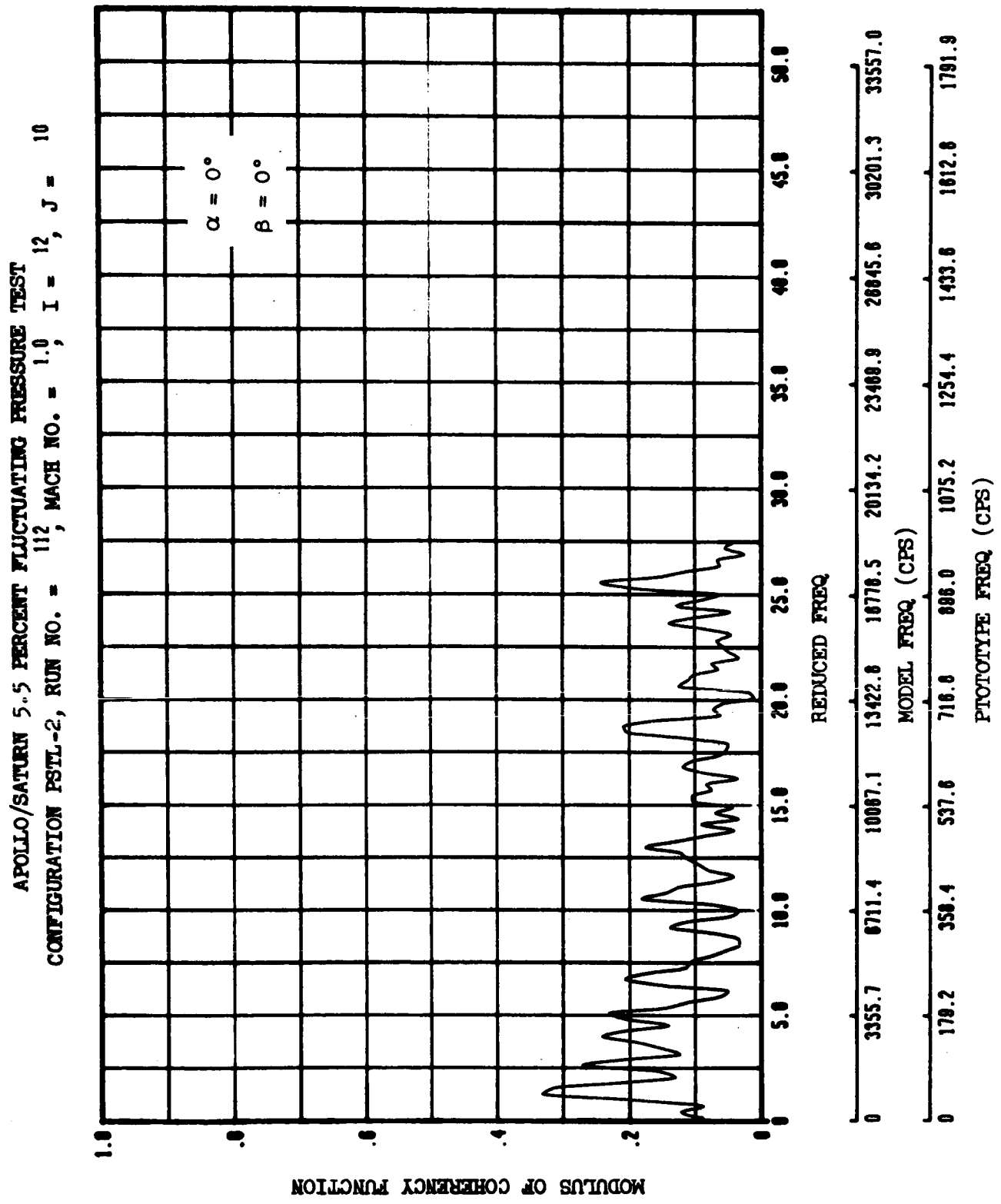
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 12, J = 10

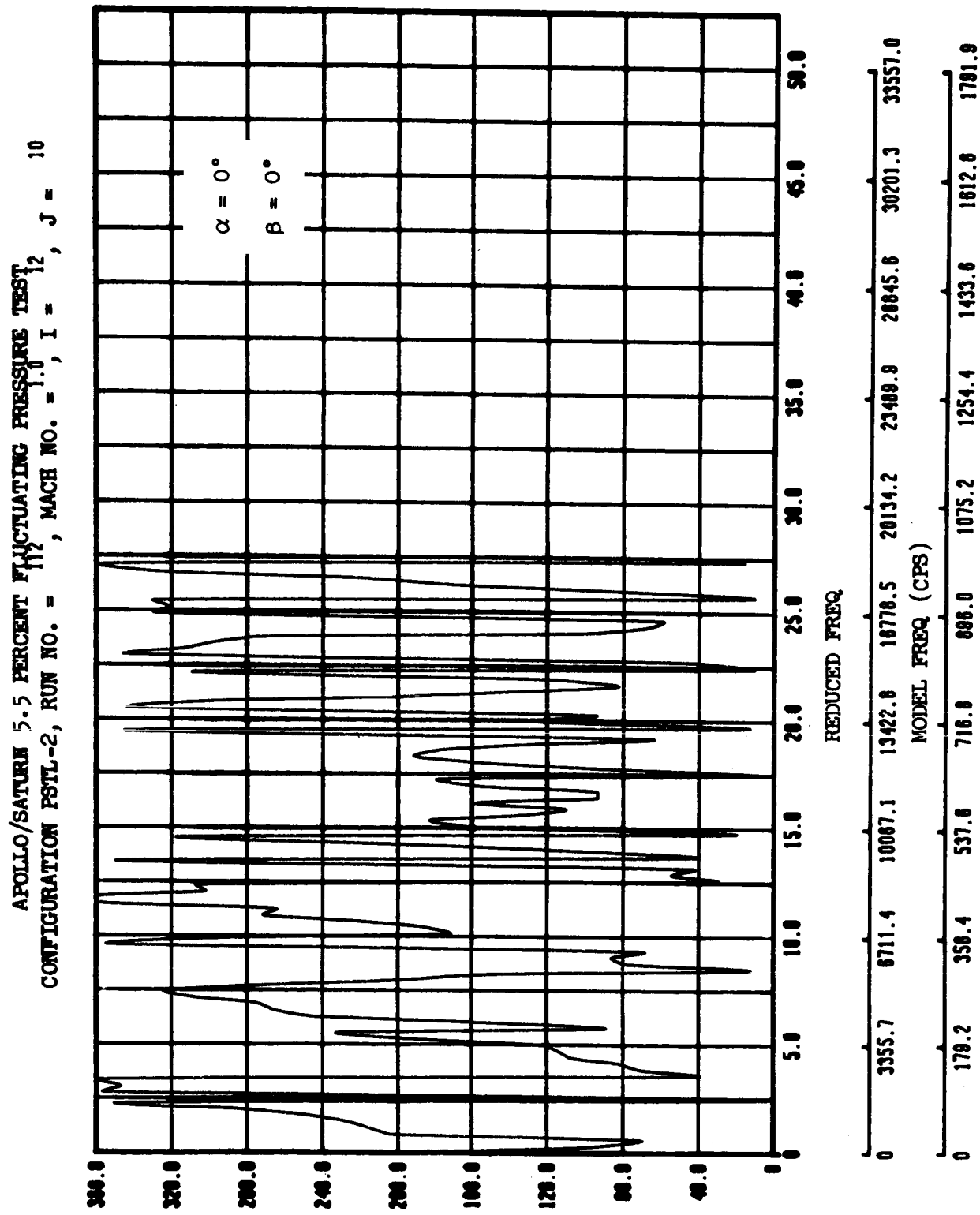


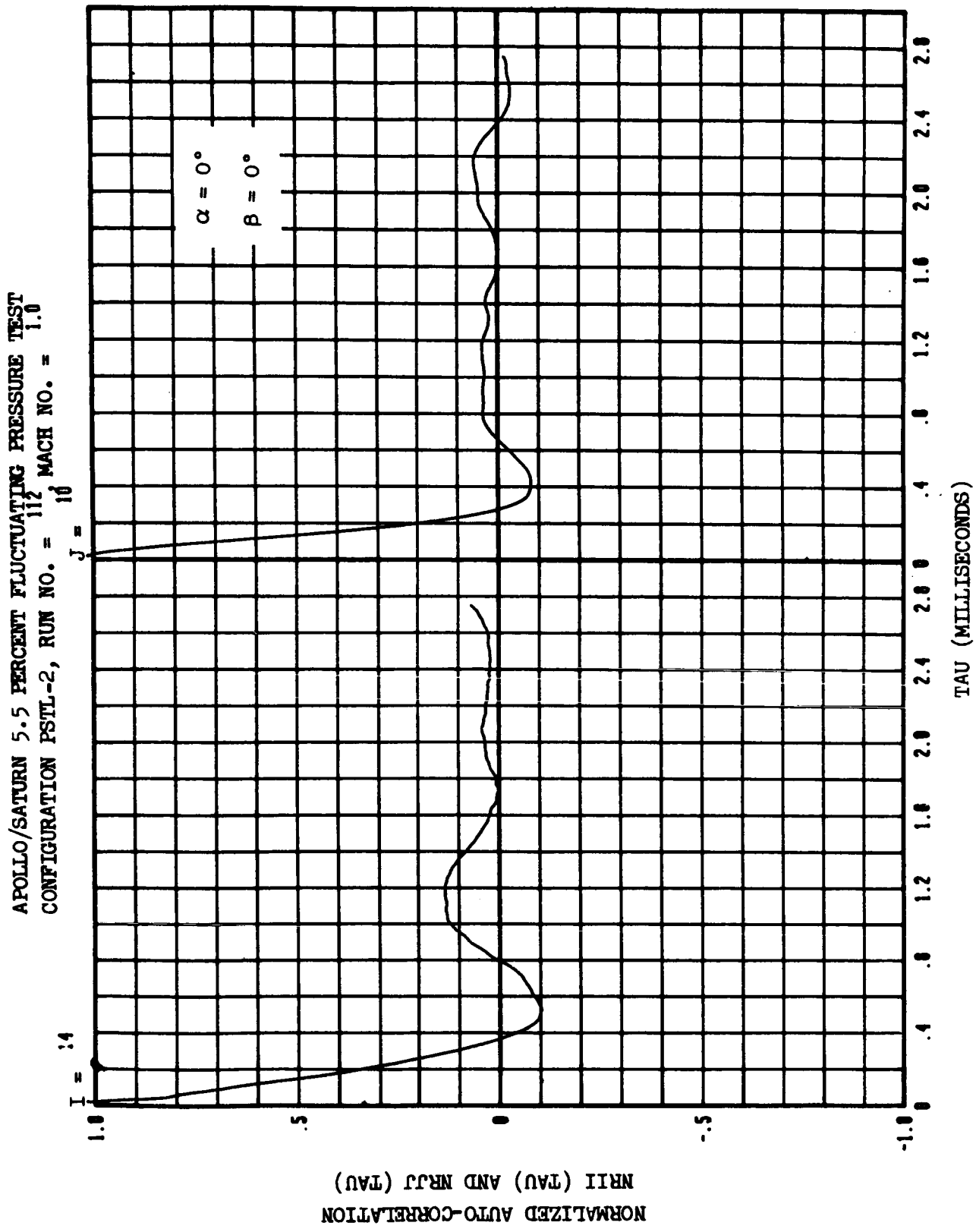
S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
(PSI)²/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

REDUCED FREQ	0	3355.7	6711.4	10067.1	13422.8	16778.5	20134.2	23489.9	26845.6	30201.3	33557.0
S.F. = 1.00											
MODEL FREQ (CPS)	0	178.2	356.4	537.6	716.8	896.0	1075.2	1254.4	1433.6	1612.8	1791.9
S.F. = 000.18											
PROTOTYPE FREQ (CPS)											
S.F. = 001.69											

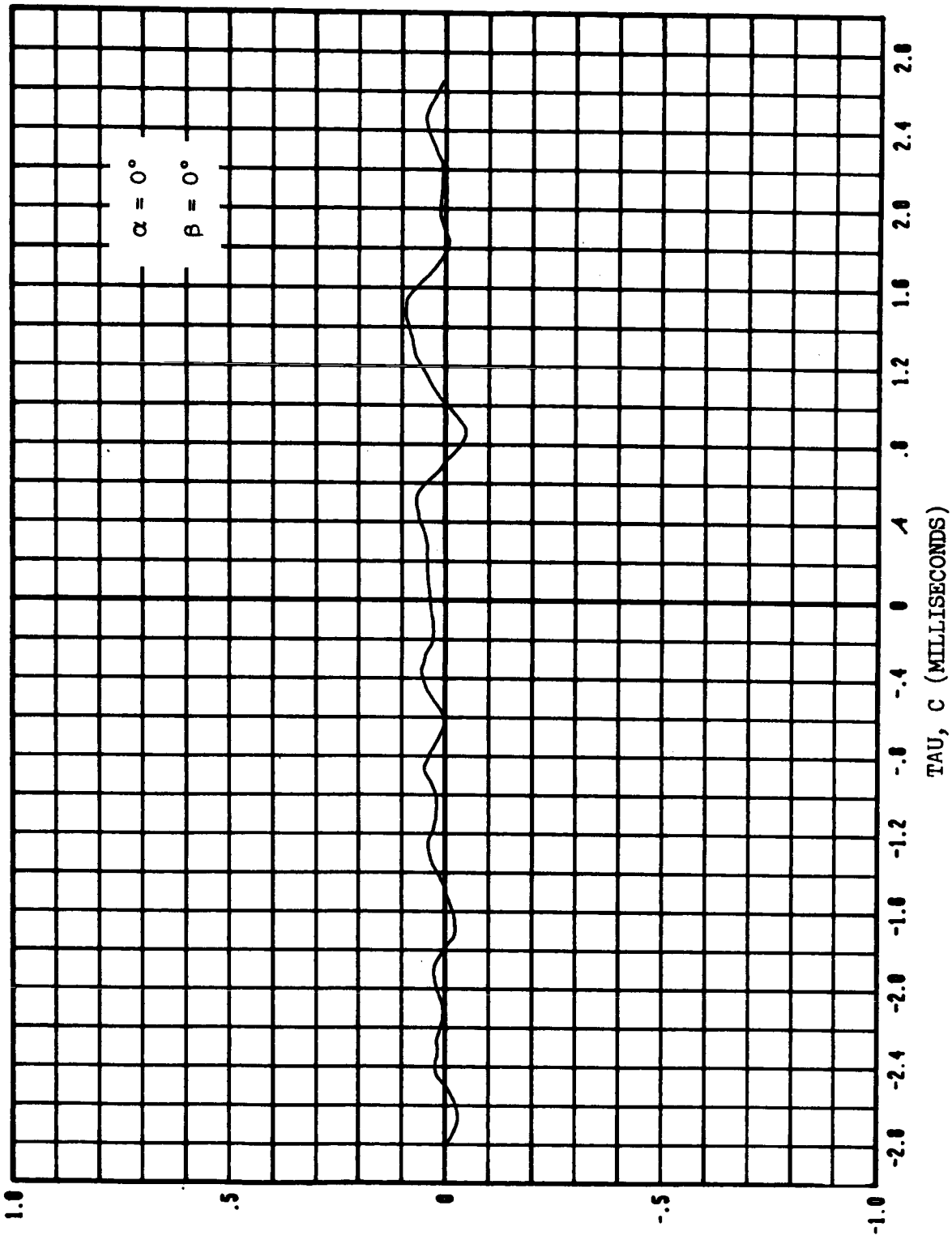

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 12, J = 10
— CO-SPECTRUM
Δ— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.9
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
179.2
358.4
537.6
716.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 12, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.9
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
179.2
358.4
537.6
716.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PTOTOTYPE FREQ (CPS)

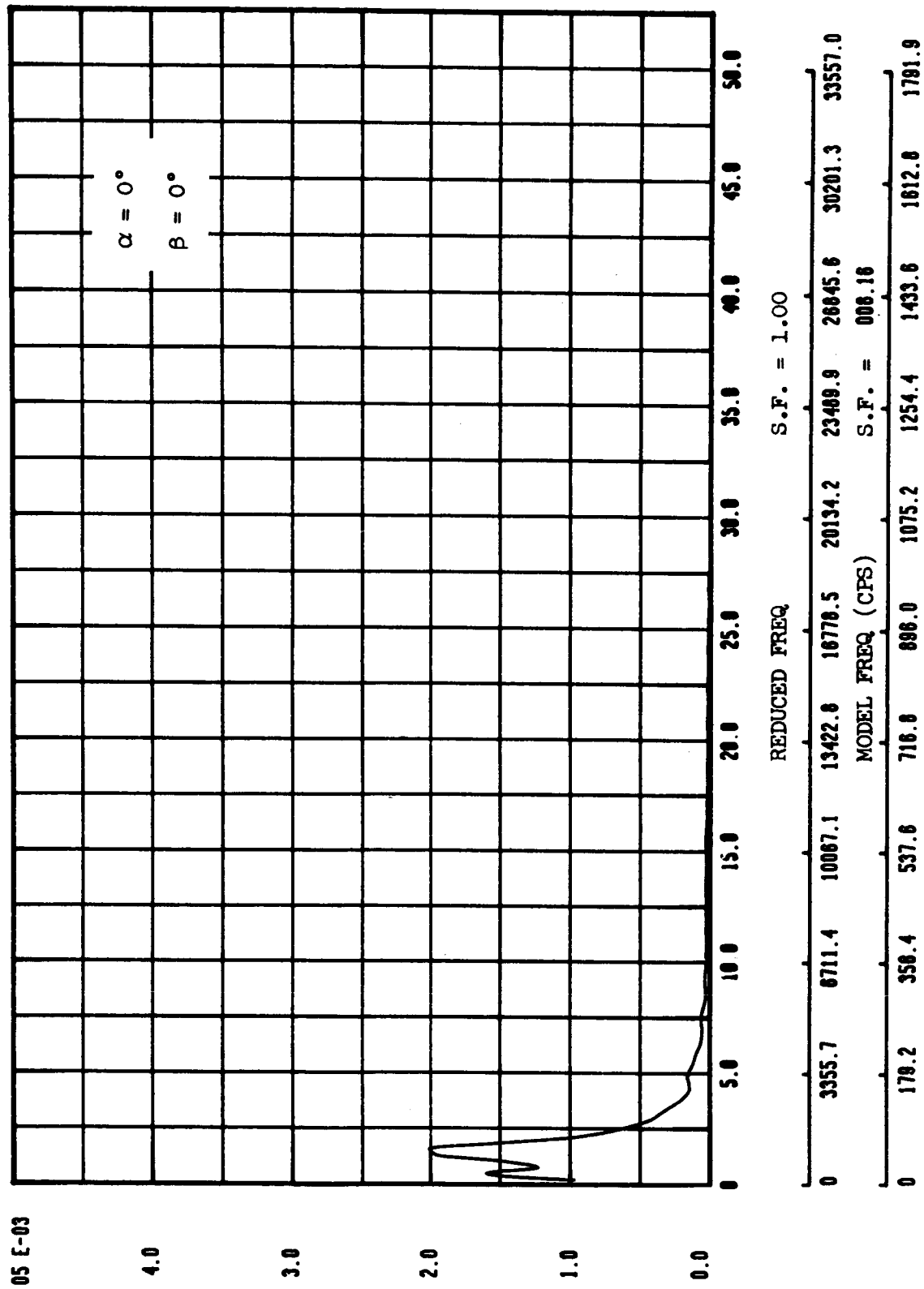

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 12, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.9
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
179.2
358.4
537.6
716.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112 MACH NO. = 1.0
I = 14
J = 10
α = 0°
β = 0°
1.0
.5
0
-.5
-1.0
0
.4
.8
1.2
1.6
2.0
2.4
2.8
TAU (MILLISECONDS)
NORMALIZED AUTO-CORRELATION
NRII (TAU) AND NRJJ (TAU)

APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 14, J = 10

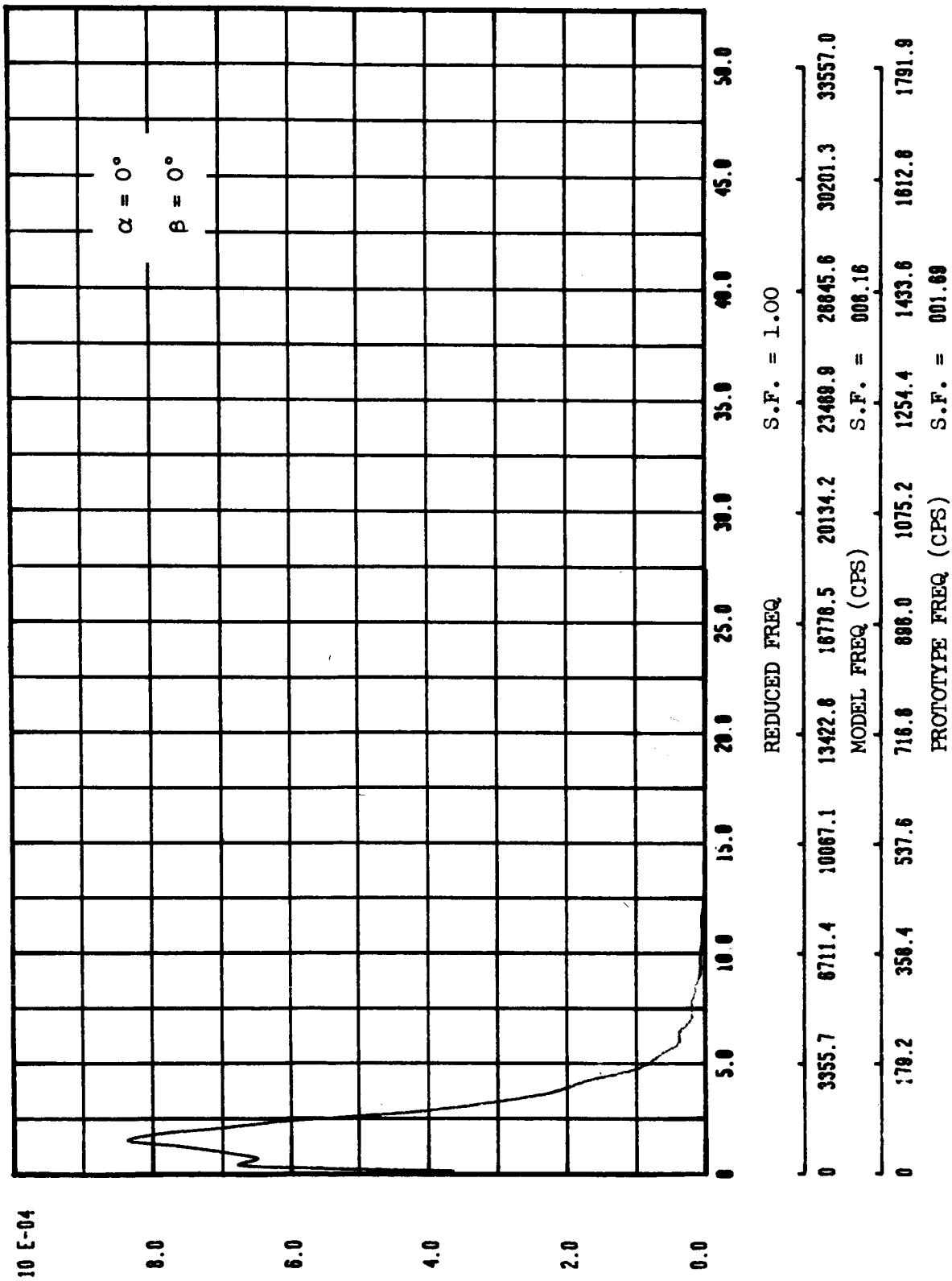


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 14, J = 10

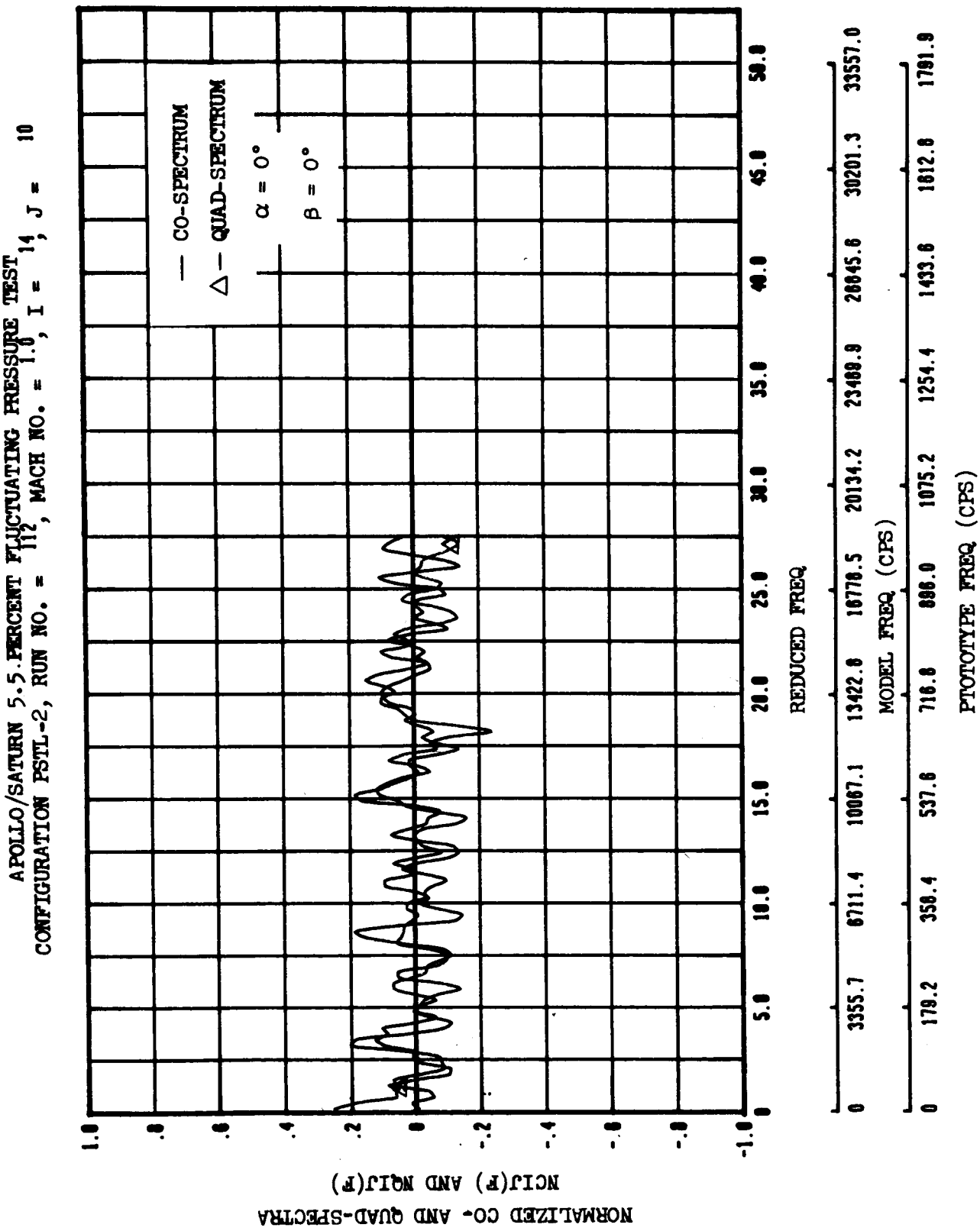


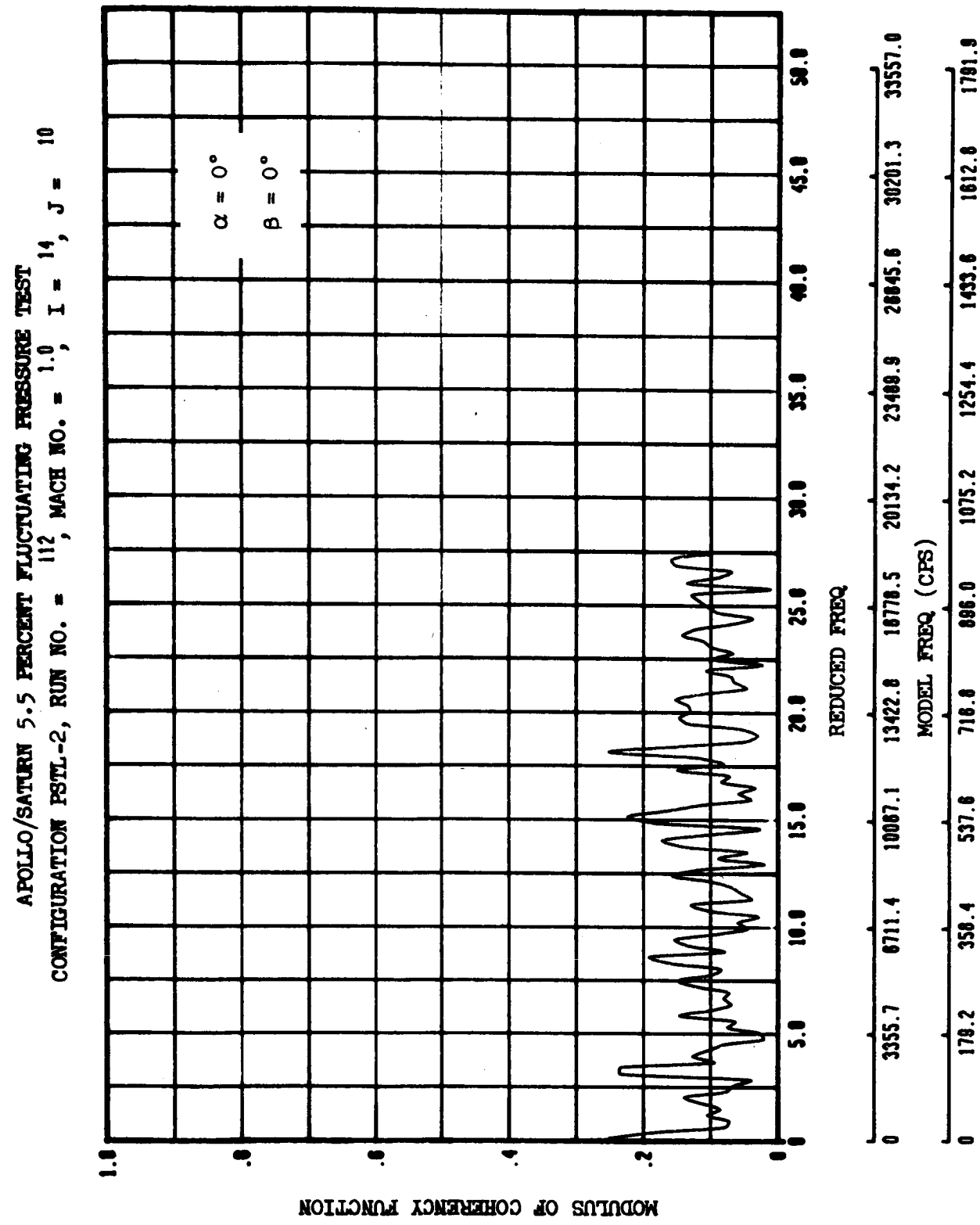
S.F. x SII(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.

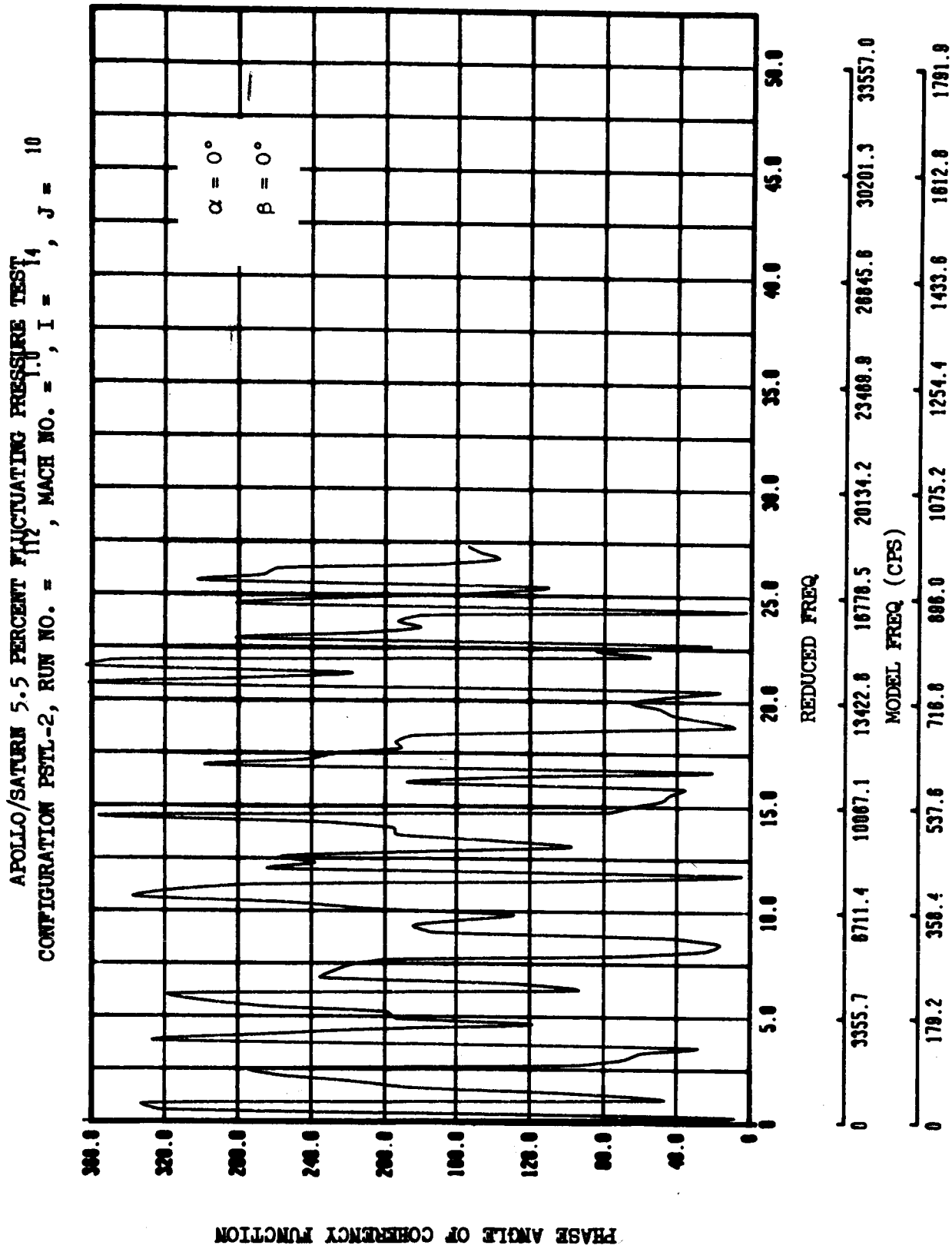
APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 14, J = 10



S.F. x SJJ(F), DIMENSIONLESS FOR REDUCED FREQ.
$(PSI)^2$/CPS FOR MODEL FREQ. AND PROTOTYPE FREQ.


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 14, J = 10
— CO-SPECTRUM
Δ— QUAD-SPECTRUM
α = 0°
β = 0°
NORMALIZED CO- AND QUAD-SPECTRA
NCIJ(F) AND NQIJ(F)
1.0
.8
.6
.4
.2
0
-.2
-.4
-.6
-.8
-1.0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.9
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
179.2
358.4
537.6
716.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PTOTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 14, J = 10
α = 0°
β = 0°
MODULUS OF COHERENCY FUNCTION
1.0
.8
.6
.4
.2
0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.9
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
178.2
356.4
537.6
718.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PROTOTYPE FREQ (CPS)


APOLLO/SATURN 5.5 PERCENT FLUCTUATING PRESSURE TEST
CONFIGURATION PSTL-2, RUN NO. = 112, MACH NO. = 1.0, I = 14, J = 10
α = 0°
β = 0°
PHASE ANGLE OF COHERENCY FUNCTION
360.0
320.0
280.0
240.0
200.0
160.0
120.0
80.0
40.0
0
0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
REDUCED FREQ
0
3355.7
6711.4
10067.1
13422.8
16778.5
20134.2
23489.9
26845.6
30201.3
33557.0
MODEL FREQ (CPS)
0
179.2
358.4
537.6
716.8
896.0
1075.2
1254.4
1433.6
1612.8
1791.9
PROTOTYPE FREQ (CPS)

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 8.9923E-03 RII(0)= 1.5245E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.00	0.02	2.76E 00	-0.01	2.71E 00	0.05
174	2.72E 00	0.01	0.04	2.75E 00	-0.00	2.69E 00	0.05
173	2.70E 00	0.01	0.05	2.73E 00	-0.01	2.67E 00	0.04
172	2.69E 00	0.03	0.06	2.72E 00	-0.01	2.66E 00	0.02
171	2.67E 00	0.04	0.06	2.70E 00	-0.02	2.64E 00	0.01
170	2.66E 00	0.05	0.05	2.69E 00	-0.01	2.63E 00	-0.01
169	2.64E 00	0.05	0.05	2.67E 00	0.00	2.61E 00	-0.02
168	2.62E 00	0.05	0.04	2.65E 00	0.01	2.60E 00	-0.03
167	2.61E 00	0.04	0.03	2.64E 00	0.02	2.58E 00	-0.04
166	2.59E 00	0.03	0.02	2.62E 00	0.02	2.56E 00	-0.04
165	2.58E 00	0.02	0.01	2.61E 00	0.02	2.55E 00	-0.03
164	2.56E 00	0.02	0.00	2.59E 00	0.02	2.53E 00	-0.02
163	2.55E 00	0.01	-0.00	2.58E 00	0.02	2.52E 00	-0.01
162	2.53E 00	-0.00	-0.01	2.56E 00	0.03	2.50E 00	-0.01
161	2.52E 00	-0.02	-0.01	2.54E 00	0.03	2.49E 00	-0.01
160	2.50E 00	-0.02	-0.02	2.53E 00	0.02	2.47E 00	-0.01
159	2.48E 00	-0.02	-0.02	2.51E 00	0.02	2.46E 00	-0.01
158	2.47E 00	-0.02	-0.03	2.50E 00	0.01	2.44E 00	-0.01
157	2.45E 00	-0.02	-0.04	2.48E 00	0.01	2.42E 00	-0.02
156	2.44E 00	-0.03	-0.04	2.47E 00	0.00	2.41E 00	-0.02
155	2.42E 00	-0.03	-0.04	2.45E 00	-0.00	2.39E 00	-0.01
154	2.41E 00	-0.03	-0.04	2.44E 00	-0.01	2.38E 00	-0.01
153	2.39E 00	-0.02	-0.02	2.42E 00	-0.02	2.36E 00	0.00
152	2.37E 00	-0.01	-0.01	2.40E 00	-0.02	2.35E 00	0.01
151	2.36E 00	-0.00	-0.01	2.39E 00	-0.02	2.33E 00	0.02
150	2.34E 00	0.01	-0.00	2.37E 00	-0.01	2.31E 00	0.02
149	2.33E 00	0.03	0.00	2.36E 00	-0.01	2.30E 00	0.02
148	2.31E 00	0.05	0.02	2.34E 00	-0.01	2.28E 00	0.01
147	2.30E 00	0.05	0.03	2.33E 00	-0.01	2.27E 00	0.00
146	2.28E 00	0.05	0.03	2.31E 00	-0.01	2.25E 00	-0.00
145	2.27E 00	0.06	0.04	2.29E 00	-0.00	2.24E 00	-0.01
144	2.25E 00	0.06	0.04	2.28E 00	0.00	2.22E 00	-0.02
143	2.23E 00	0.06	0.04	2.26E 00	0.01	2.21E 00	-0.04
142	2.22E 00	0.05	0.02	2.25E 00	0.02	2.19E 00	-0.04
141	2.20E 00	0.03	0.01	2.23E 00	0.02	2.17E 00	-0.04
140	2.19E 00	0.01	-0.00	2.22E 00	0.03	2.16E 00	-0.04
139	2.17E 00	-0.00	-0.01	2.20E 00	0.04	2.14E 00	-0.04
138	2.16E 00	-0.02	-0.03	2.19E 00	0.04	2.13E 00	-0.04
137	2.14E 00	-0.03	-0.04	2.17E 00	0.04	2.11E 00	-0.04
136	2.12E 00	-0.05	-0.04	2.15E 00	0.04	2.10E 00	-0.03
135	2.11E 00	-0.05	-0.05	2.14E 00	0.03	2.08E 00	-0.01
134	2.09E 00	-0.06	-0.05	2.12E 00	0.03	2.06E 00	0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 8.9923E-03 RII(0)= 1.5245E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	-0.06	-0.05	2.11E 00	0.02	2.05E 00	0.02
132	2.06E 00	-0.07	-0.05	2.09E 00	0.02	2.03E 00	0.02
131	2.05E 00	-0.07	-0.04	2.08E 00	0.02	2.02E 00	0.03
130	2.03E 00	-0.07	-0.04	2.06E 00	0.01	2.00E 00	0.04
129	2.02E 00	-0.06	-0.04	2.04E 00	0.01	1.99E 00	0.05
128	2.00E 00	-0.04	-0.03	2.03E 00	0.01	1.97E 00	0.06
127	1.98E 00	-0.02	-0.02	2.01E 00	0.01	1.96E 00	0.06
126	1.97E 00	-0.01	-0.01	2.00E 00	0.01	1.94E 00	0.05
125	1.95E 00	0.01	0.00	1.98E 00	0.01	1.92E 00	0.04
124	1.94E 00	0.03	0.01	1.97E 00	0.02	1.91E 00	0.03
123	1.92E 00	0.05	0.02	1.95E 00	0.02	1.89E 00	0.02
122	1.91E 00	0.06	0.03	1.94E 00	0.03	1.88E 00	0.01
121	1.89E 00	0.05	0.03	1.92E 00	0.03	1.86E 00	0.00
120	1.87E 00	0.05	0.02	1.90E 00	0.04	1.85E 00	-0.01
119	1.86E 00	0.04	0.01	1.89E 00	0.05	1.83E 00	-0.02
118	1.84E 00	0.03	0.01	1.87E 00	0.04	1.81E 00	-0.02
117	1.83E 00	0.02	-0.00	1.86E 00	0.03	1.80E 00	-0.03
116	1.81E 00	0.01	-0.01	1.84E 00	0.03	1.78E 00	-0.03
115	1.80E 00	0.00	-0.02	1.83E 00	0.02	1.77E 00	-0.03
114	1.78E 00	-0.01	-0.03	1.81E 00	0.02	1.75E 00	-0.03
113	1.77E 00	-0.01	-0.03	1.79E 00	0.02	1.74E 00	-0.03
112	1.75E 00	-0.02	-0.04	1.78E 00	0.03	1.72E 00	-0.03
111	1.73E 00	-0.02	-0.04	1.76E 00	0.03	1.71E 00	-0.03
110	1.72E 00	-0.01	-0.04	1.75E 00	0.03	1.69E 00	-0.02
109	1.70E 00	-0.01	-0.04	1.73E 00	0.02	1.67E 00	-0.01
108	1.69E 00	-0.01	-0.03	1.72E 00	0.01	1.66E 00	0.00
107	1.67E 00	-0.01	-0.02	1.70E 00	0.00	1.64E 00	0.02
106	1.66E 00	-0.01	-0.01	1.69E 00	-0.00	1.63E 00	0.03
105	1.64E 00	0.01	0.00	1.67E 00	-0.01	1.61E 00	0.03
104	1.62E 00	0.03	0.01	1.65E 00	-0.02	1.60E 00	0.03
103	1.61E 00	0.04	0.02	1.64E 00	-0.03	1.58E 00	0.02
102	1.59E 00	0.05	0.02	1.62E 00	-0.03	1.56E 00	0.02
101	1.58E 00	0.07	0.03	1.61E 00	-0.02	1.55E 00	0.02
100	1.56E 00	0.08	0.05	1.59E 00	-0.02	1.53E 00	0.01
99	1.55E 00	0.08	0.06	1.58E 00	-0.01	1.52E 00	0.00
98	1.53E 00	0.08	0.07	1.56E 00	-0.01	1.50E 00	-0.01
97	1.52E 00	0.08	0.08	1.54E 00	-0.00	1.49E 00	-0.01
96	1.50E 00	0.07	0.08	1.53E 00	0.00	1.47E 00	-0.01
95	1.48E 00	0.06	0.07	1.51E 00	0.01	1.46E 00	-0.01
94	1.47E 00	0.04	0.06	1.50E 00	0.01	1.44E 00	-0.02
93	1.45E 00	0.02	0.04	1.48E 00	0.01	1.42E 00	-0.02
92	1.44E 00	0.01	0.02	1.47E 00	0.02	1.41E 00	-0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 8.9923E-03 RII(0)= 1.5245E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	-0.00	0.01	1.45E 00	0.04	1.39E 00	-0.02
90	1.41E 00	-0.02	-0.00	1.44E 00	0.05	1.38E 00	-0.03
89	1.39E 00	-0.04	-0.01	1.42E 00	0.05	1.36E 00	-0.03
88	1.37E 00	-0.05	-0.02	1.40E 00	0.05	1.35E 00	-0.03
87	1.36E 00	-0.05	-0.03	1.39E 00	0.04	1.33E 00	-0.02
86	1.34E 00	-0.05	-0.03	1.37E 00	0.03	1.31E 00	-0.01
85	1.33E 00	-0.05	-0.03	1.36E 00	0.02	1.30E 00	0.01
84	1.31E 00	-0.04	-0.03	1.34E 00	0.00	1.28E 00	0.03
83	1.30E 00	-0.03	-0.03	1.33E 00	-0.00	1.27E 00	0.04
82	1.28E 00	-0.02	-0.03	1.31E 00	-0.01	1.25E 00	0.06
81	1.27E 00	-0.02	-0.03	1.29E 00	-0.02	1.24E 00	0.07
80	1.25E 00	-0.02	-0.02	1.28E 00	-0.03	1.22E 00	0.07
79	1.23E 00	-0.01	-0.02	1.26E 00	-0.04	1.21E 00	0.07
78	1.22E 00	0.00	-0.01	1.25E 00	-0.04	1.19E 00	0.06
77	1.20E 00	0.01	0.00	1.23E 00	-0.04	1.17E 00	0.05
76	1.19E 00	0.03	0.01	1.22E 00	-0.03	1.16E 00	0.03
75	1.17E 00	0.05	0.03	1.20E 00	-0.02	1.14E 00	0.02
74	1.16E 00	0.06	0.04	1.19E 00	-0.01	1.13E 00	0.01
73	1.14E 00	0.05	0.04	1.17E 00	0.00	1.11E 00	-0.00
72	1.12E 00	0.05	0.03	1.15E 00	0.01	1.10E 00	-0.01
71	1.11E 00	0.05	0.02	1.14E 00	0.01	1.08E 00	-0.02
70	1.09E 00	0.04	0.01	1.12E 00	0.01	1.06E 00	-0.01
69	1.08E 00	0.03	-0.01	1.11E 00	0.01	1.05E 00	-0.01
68	1.06E 00	0.01	-0.03	1.09E 00	0.01	1.03E 00	-0.01
67	1.05E 00	-0.01	-0.05	1.08E 00	0.01	1.02E 00	-0.02
66	1.03E 00	-0.02	-0.06	1.06E 00	0.00	1.00E 00	-0.02
65	1.02E 00	-0.04	-0.07	1.04E 00	-0.00	9.87E-01	-0.02
64	10.00E-01	-0.05	-0.08	1.03E 00	-0.01	9.71E-01	-0.01
63	9.84E-01	-0.05	-0.09	1.01E 00	-0.01	9.55E-01	-0.01
62	9.69E-01	-0.05	-0.10	9.98E-01	-0.02	9.40E-01	0.00
61	9.53E-01	-0.06	-0.10	9.82E-01	-0.04	9.24E-01	0.01
60	9.37E-01	-0.05	-0.10	9.67E-01	-0.05	9.08E-01	0.02
59	9.22E-01	-0.04	-0.10	9.51E-01	-0.06	8.93E-01	0.03
58	9.06E-01	-0.03	-0.10	9.35E-01	-0.07	8.77E-01	0.03
57	8.91E-01	-0.01	-0.09	9.20E-01	-0.09	8.62E-01	0.04
56	8.75E-01	0.01	-0.09	9.04E-01	-0.10	8.46E-01	0.05
55	8.59E-01	0.03	-0.09	8.88E-01	-0.11	8.30E-01	0.05
54	8.44E-01	0.05	-0.08	8.73E-01	-0.12	8.15E-01	0.05
53	8.28E-01	0.07	-0.08	8.57E-01	-0.13	7.99E-01	0.05
52	8.12E-01	0.09	-0.06	8.42E-01	-0.13	7.83E-01	0.04
51	7.97E-01	0.11	-0.05	8.26E-01	-0.13	7.68E-01	0.02
50	7.81E-01	0.13	-0.04	8.10E-01	-0.12	7.52E-01	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 8.9923E-03 RII(0)= 1.5245E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.13	-0.04	7.95E-01	-0.11	7.37E-01	-0.01
48	7.50E-01	0.12	-0.05	7.79E-01	-0.09	7.21E-01	-0.02
47	7.34E-01	0.11	-0.06	7.63E-01	-0.08	7.05E-01	-0.02
46	7.19E-01	0.10	-0.08	7.48E-01	-0.06	6.90E-01	-0.01
45	7.03E-01	0.09	-0.10	7.32E-01	-0.04	6.74E-01	-0.01
44	6.87E-01	0.07	-0.12	7.17E-01	-0.03	6.58E-01	-0.02
43	6.72E-01	0.06	-0.13	7.01E-01	-0.03	6.43E-01	-0.01
42	6.56E-01	0.03	-0.13	6.85E-01	-0.02	6.27E-01	-0.00
41	6.41E-01	0.01	-0.14	6.70E-01	-0.02	6.12E-01	0.00
40	6.25E-01	-0.00	-0.14	6.54E-01	-0.03	5.96E-01	0.01
39	6.09E-01	-0.01	-0.15	6.38E-01	-0.04	5.80E-01	0.02
38	5.94E-01	-0.02	-0.15	6.23E-01	-0.04	5.65E-01	0.03
37	5.78E-01	-0.03	-0.15	6.07E-01	-0.05	5.49E-01	0.04
36	5.62E-01	-0.04	-0.15	5.92E-01	-0.06	5.33E-01	0.06
35	5.47E-01	-0.04	-0.14	5.76E-01	-0.07	5.18E-01	0.07
34	5.31E-01	-0.05	-0.13	5.60E-01	-0.07	5.02E-01	0.07
33	5.16E-01	-0.04	-0.11	5.45E-01	-0.06	4.87E-01	0.07
32	5.00E-01	-0.03	-0.09	5.29E-01	-0.06	4.71E-01	0.07
31	4.84E-01	-0.02	-0.06	5.13E-01	-0.05	4.55E-01	0.07
30	4.69E-01	-0.00	-0.04	4.98E-01	-0.04	4.40E-01	0.08
29	4.53E-01	0.01	-0.01	4.82E-01	-0.04	4.24E-01	0.08
28	4.37E-01	0.04	0.02	4.67E-01	-0.03	4.08E-01	0.07
27	4.22E-01	0.06	0.04	4.51E-01	-0.01	3.93E-01	0.05
26	4.06E-01	0.08	0.06	4.35E-01	0.02	3.77E-01	0.04
25	3.91E-01	0.08	0.07	4.20E-01	0.04	3.62E-01	0.02
24	3.75E-01	0.07	0.08	4.04E-01	0.06	3.46E-01	0.00
23	3.59E-01	0.05	0.08	3.88E-01	0.09	3.30E-01	-0.01
22	3.44E-01	0.03	0.07	3.73E-01	0.12	3.15E-01	-0.02
21	3.28E-01	-0.00	0.06	3.57E-01	0.16	2.99E-01	-0.02
20	3.12E-01	-0.03	0.05	3.42E-01	0.19	2.83E-01	-0.02
19	2.97E-01	-0.05	0.05	3.26E-01	0.23	2.68E-01	-0.02
18	2.81E-01	-0.07	0.06	3.10E-01	0.25	2.52E-01	-0.01
17	2.66E-01	-0.07	0.07	2.95E-01	0.26	2.37E-01	-0.00
16	2.50E-01	-0.07	0.08	2.79E-01	0.25	2.21E-01	0.01
15	2.34E-01	-0.07	0.09	2.63E-01	0.23	2.05E-01	0.03
14	2.19E-01	-0.07	0.11	2.48E-01	0.19	1.90E-01	0.03
13	2.03E-01	-0.06	0.13	2.32E-01	0.14	1.74E-01	0.03
12	1.87E-01	-0.06	0.14	2.17E-01	0.09	1.58E-01	0.03
11	1.72E-01	-0.05	0.15	2.01E-01	0.04	1.43E-01	0.03
10	1.56E-01	-0.04	0.17	1.85E-01	0.01	1.27E-01	0.02
9	1.41E-01	-0.02	0.19	1.70E-01	-0.02	1.12E-01	0.02
8	1.25E-01	0.01	0.21	1.54E-01	-0.06	9.59E-02	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 8.9923E-03 RII(0)= 1.5245E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.07	0.24	1.38E-01	-0.08	8.03E-02	0.01
6	9.37E-02	0.12	0.27	1.23E-01	-0.09	6.46E-02	0.00
5	7.81E-02	0.18	0.32	1.07E-01	-0.10	4.90E-02	-0.01
4	6.25E-02	0.27	0.38	9.16E-02	-0.10	3.34E-02	-0.02
3	4.69E-02	0.35	0.46	7.60E-02	-0.11	1.78E-02	-0.04
2	3.12E-02	0.49	0.62	6.04E-02	-0.10	2.14E-03	-0.05
1	1.56E-02	0.80	0.86	4.47E-02	-0.09	-1.35E-02	-0.06
0	0.	1.00	1.00	2.91E-02	-0.07	-2.91E-02	-0.07

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	2.50E-05	3.44E-05	0.14	0.	0.14	0.
182.9	9.9	0.52	4.29E-05	9.09E-05	0.12	-0.21	0.24	300.92
365.7	19.8	1.04	3.24E-05	1.37E-04	0.20	-0.23	0.30	309.88
548.6	29.7	1.56	2.90E-05	1.75E-04	0.23	0.03	0.23	6.45
731.4	39.6	2.08	2.76E-05	1.72E-04	0.07	0.30	0.31	75.98
914.3	49.6	2.61	2.94E-05	1.25E-04	-0.19	0.43	0.47	114.29
1097.1	59.5	3.13	4.27E-05	8.28E-05	-0.48	0.34	0.59	144.63
1280.0	69.4	3.65	5.20E-05	6.28E-05	-0.64	0.17	0.66	164.85
1462.9	79.3	4.17	4.62E-05	4.67E-05	-0.62	0.02	0.62	177.77
1645.7	89.2	4.69	4.09E-05	3.85E-05	-0.55	-0.15	0.57	195.18
1828.6	99.1	5.21	3.62E-05	4.22E-05	-0.48	-0.28	0.55	210.23
2011.4	109.0	5.73	3.03E-05	4.51E-05	-0.39	-0.39	0.55	224.99
2194.3	118.9	6.25	3.05E-05	4.23E-05	-0.34	-0.48	0.58	234.71
2377.1	128.8	6.77	4.45E-05	5.52E-05	-0.12	-0.53	0.54	257.18
2560.0	138.8	7.30	6.82E-05	8.66E-05	0.07	-0.56	0.57	276.91
2742.9	148.7	7.82	6.00E-05	7.64E-05	0.12	-0.56	0.58	281.90
2925.7	158.6	8.34	3.05E-05	3.61E-05	0.16	-0.38	0.41	292.63
3108.6	168.5	8.86	2.20E-05	2.38E-05	0.23	-0.04	0.23	350.79
3291.4	178.4	9.38	1.94E-05	2.38E-05	0.24	-0.00	0.24	359.72
3474.3	188.3	9.90	1.66E-05	2.43E-05	0.27	0.06	0.28	11.60
3657.1	198.2	10.42	1.79E-05	2.53E-05	0.19	0.16	0.25	39.76
3840.0	208.1	10.94	1.69E-05	2.39E-05	0.11	0.22	0.25	63.13
4022.9	218.0	11.47	1.52E-05	2.44E-05	0.20	0.18	0.27	41.40
4205.7	227.9	11.99	1.49E-05	2.55E-05	0.23	0.23	0.32	44.86
4388.6	237.9	12.51	1.67E-05	2.66E-05	0.08	0.32	0.33	75.77
4571.4	247.8	13.03	1.94E-05	2.79E-05	-0.04	0.34	0.34	96.32
4754.3	257.7	13.55	1.93E-05	2.82E-05	-0.05	0.25	0.26	101.32
4937.1	267.6	14.07	1.78E-05	2.73E-05	-0.03	0.00	0.03	170.76
5120.0	277.5	14.59	1.93E-05	2.94E-05	-0.04	-0.12	0.13	250.46
5302.9	287.4	15.11	1.97E-05	3.14E-05	-0.11	-0.07	0.13	212.39
5485.7	297.3	15.63	1.58E-05	2.51E-05	-0.10	-0.06	0.12	210.90
5668.6	307.2	16.16	1.26E-05	1.70E-05	0.02	-0.16	0.16	278.33
5851.4	317.1	16.68	1.06E-05	1.54E-05	0.01	-0.18	0.18	272.80
6034.3	327.1	17.20	9.61E-06	1.68E-05	-0.06	-0.15	0.16	248.80
6217.1	337.0	17.72	9.83E-06	1.70E-05	0.01	-0.16	0.16	273.14
6400.0	346.9	18.24	8.65E-06	1.60E-05	0.05	-0.11	0.12	294.16
6582.9	356.8	18.76	7.44E-06	1.65E-05	-0.02	-0.09	0.09	256.99
6765.7	366.7	19.28	8.28E-06	1.65E-05	0.01	-0.10	0.10	275.51
6948.6	376.6	19.80	9.04E-06	1.38E-05	0.07	0.03	0.07	21.29
7131.4	386.5	20.32	8.66E-06	1.25E-05	0.03	0.14	0.15	76.87
7314.3	396.4	20.85	8.34E-06	1.29E-05	0.02	0.09	0.09	75.12
7497.1	406.3	21.37	8.89E-06	1.26E-05	0.09	0.01	0.09	9.09

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00

$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.0	416.3	21.89	9.77E-06	1.37E-05	0.14	0.00	0.14	0.30
7862.9	426.2	22.41	9.13E-06	1.57E-05	0.07	0.04	0.08	27.23
8045.7	436.1	22.93	8.14E-06	1.49E-05	-0.07	0.08	0.11	132.45
8228.6	446.0	23.45	7.93E-06	1.24E-05	-0.16	0.08	0.18	152.45
8411.4	455.9	23.97	7.64E-06	1.11E-05	-0.08	0.08	0.11	134.15
8594.3	465.8	24.49	7.49E-06	1.07E-05	-0.02	0.08	0.08	101.08
8777.1	475.7	25.01	7.34E-06	1.12E-05	-0.07	0.01	0.07	171.80
8960.0	485.6	25.54	7.28E-06	1.14E-05	-0.08	-0.02	0.09	192.31
9142.9	495.5	26.06	7.37E-06	1.07E-05	-0.01	0.01	0.01	148.17
9325.7	505.5	26.58	7.14E-06	9.81E-06	0.02	0.03	0.04	63.62
9508.6	515.4	27.10	6.26E-06	9.09E-06	0.04	0.06	0.07	55.92
9691.4	525.3	27.62	5.92E-06	9.07E-06	0.11	0.06	0.12	29.87
9874.3	535.2	28.14	6.95E-06	8.91E-06	0.08	0.05	0.10	28.64
10057.1	545.1	28.66	7.62E-06	9.04E-06	0.08	0.08	0.11	46.05
10240.0	555.0	29.18	7.43E-06	9.06E-06	0.06	0.07	0.09	48.69
10422.9	564.9	29.71	7.08E-06	8.40E-06	0.00	-0.02	0.02	274.31
10605.7	574.8	30.23	6.35E-06	7.60E-06	0.03	-0.02	0.03	322.70
10788.6	584.7	30.75	5.47E-06	7.14E-06	-0.01	0.00	0.01	147.18
10971.4	594.7	31.27	5.04E-06	7.44E-06	-0.00	0.02	0.02	96.45
11154.3	604.6	31.79	5.00E-06	7.76E-06	0.09	0.07	0.11	35.22
11337.1	614.5	32.31	5.25E-06	7.54E-06	0.11	0.09	0.14	40.45
11520.0	624.4	32.83	5.71E-06	7.02E-06	0.13	0.03	0.13	14.24
11702.9	634.3	33.35	5.94E-06	6.27E-06	0.12	-0.10	0.16	320.71
11885.7	644.2	33.87	5.76E-06	5.69E-06	0.05	-0.07	0.09	302.79
12068.6	654.1	34.40	5.36E-06	5.67E-06	0.01	0.09	0.09	81.57
12251.4	664.0	34.92	4.72E-06	5.40E-06	0.01	0.10	0.10	85.84
12434.3	673.9	35.44	4.58E-06	4.99E-06	-0.01	0.03	0.03	116.36
12617.1	683.8	35.96	4.80E-06	5.22E-06	-0.07	0.04	0.08	149.07
12800.0	693.8	36.48	4.66E-06	5.45E-06	-0.09	0.06	0.11	148.45
12982.9	703.7	37.00	4.20E-06	5.09E-06	-0.01	0.05	0.05	98.11
13165.7	713.6	37.52	3.62E-06	4.29E-06	0.01	0.08	0.08	85.27
13348.6	723.5	38.04	3.62E-06	3.84E-06	-0.10	0.09	0.13	135.68
13531.4	733.4	38.56	3.57E-06	4.16E-06	-0.07	-0.01	0.07	187.80
13714.3	743.3	39.09	3.26E-06	4.88E-06	-0.01	-0.01	0.01	228.97
13897.1	753.2	39.61	3.59E-06	5.18E-06	-0.06	0.10	0.11	121.19
14080.0	763.1	40.13	3.80E-06	4.91E-06	-0.10	0.09	0.14	138.18
14262.9	773.0	40.65	3.29E-06	4.43E-06	-0.04	0.01	0.04	161.96
14445.7	783.0	41.17	3.37E-06	4.04E-06	-0.00	-0.06	0.06	266.71
14628.6	792.9	41.69	3.90E-06	4.06E-06	-0.05	-0.10	0.11	242.75
14811.4	802.8	42.21	3.36E-06	3.94E-06	-0.08	-0.10	0.13	230.03
14994.3	812.7	42.73	2.70E-06	3.63E-06	-0.08	-0.05	0.09	214.20
15177.1	822.6	43.25	3.03E-06	3.37E-06	-0.01	-0.11	0.11	263.63

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00

$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.0	832.5	43.78	3.39E-06	2.95E-06	0.05	-0.16	0.17	288.15
15542.9	842.4	44.30	3.04E-06	2.87E-06	0.02	-0.10	0.10	280.55
15725.7	852.3	44.82	2.60E-06	2.80E-06	-0.03	-0.05	0.06	240.17
15908.6	862.2	45.34	2.47E-06	2.29E-06	0.02	-0.01	0.02	335.74
16091.4	872.2	45.86	2.63E-06	1.98E-06	0.01	0.06	0.06	81.57
16274.3	882.1	46.38	2.78E-06	2.15E-06	-0.05	0.02	0.06	154.76
16457.1	892.0	46.90	2.68E-06	2.34E-06	-0.08	-0.04	0.09	208.96
16640.0	901.9	47.42	2.61E-06	2.14E-06	-0.11	-0.04	0.11	198.65
16822.9	911.8	47.95	2.42E-06	2.05E-06	-0.10	0.01	0.10	172.87
17005.7	921.7	48.47	2.28E-06	2.19E-06	-0.11	-0.00	0.11	180.95
17188.6	931.6	48.99	2.37E-06	2.15E-06	-0.11	-0.08	0.14	215.33
17371.4	941.5	49.51	2.24E-06	1.93E-06	-0.01	-0.12	0.12	266.05
17554.3	951.4	50.03	2.00E-06	1.61E-06	0.08	-0.11	0.14	307.92
17737.1	961.4	50.55	1.99E-06	1.45E-06	0.09	-0.06	0.11	325.68
17920.0	971.3	51.07	2.17E-06	1.53E-06	0.05	0.02	0.06	24.20
18102.9	981.2	51.59	2.24E-06	1.57E-06	-0.02	0.12	0.12	101.46
18285.7	991.1	52.11	2.25E-06	1.61E-06	-0.04	0.11	0.12	109.56

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 9.1725E-03 RII(0)= 1.5313E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.01	0.01	2.65E 00	-0.04	2.82E 00	0.01
174	2.72E 00	0.00	0.02	2.63E 00	-0.02	2.81E 00	0.01
173	2.70E 00	0.02	0.02	2.62E 00	-0.01	2.79E 00	0.01
172	2.69E 00	0.03	0.03	2.60E 00	0.00	2.77E 00	0.00
171	2.67E 00	0.04	0.04	2.58E 00	0.00	2.76E 00	-0.01
170	2.66E 00	0.05	0.05	2.57E 00	0.00	2.74E 00	-0.01
169	2.64E 00	0.06	0.05	2.55E 00	0.00	2.73E 00	-0.01
168	2.62E 00	0.05	0.05	2.54E 00	0.01	2.71E 00	-0.00
167	2.61E 00	0.05	0.05	2.52E 00	0.02	2.70E 00	0.00
166	2.59E 00	0.04	0.03	2.51E 00	0.03	2.68E 00	0.00
165	2.58E 00	0.04	0.02	2.49E 00	0.04	2.67E 00	-0.00
164	2.56E 00	0.03	0.00	2.48E 00	0.04	2.65E 00	-0.01
163	2.55E 00	0.02	-0.01	2.46E 00	0.04	2.63E 00	-0.01
162	2.53E 00	0.00	-0.01	2.44E 00	0.04	2.62E 00	-0.01
161	2.52E 00	-0.01	-0.01	2.43E 00	0.03	2.60E 00	-0.01
160	2.50E 00	-0.02	-0.01	2.41E 00	0.02	2.59E 00	-0.01
159	2.48E 00	-0.02	-0.01	2.40E 00	0.01	2.57E 00	-0.01
158	2.47E 00	-0.02	-0.02	2.38E 00	0.01	2.56E 00	-0.01
157	2.45E 00	-0.02	-0.02	2.37E 00	-0.00	2.54E 00	0.01
156	2.44E 00	-0.02	-0.02	2.35E 00	-0.00	2.52E 00	0.02
155	2.42E 00	-0.02	-0.02	2.33E 00	0.00	2.51E 00	0.03
154	2.41E 00	-0.03	-0.01	2.32E 00	0.01	2.49E 00	0.03
153	2.39E 00	-0.02	-0.01	2.30E 00	0.01	2.48E 00	0.03
152	2.37E 00	-0.02	-0.01	2.29E 00	0.01	2.46E 00	0.04
151	2.36E 00	-0.01	-0.01	2.27E 00	0.02	2.45E 00	0.05
150	2.34E 00	-0.01	0.00	2.26E 00	0.02	2.43E 00	0.05
149	2.33E 00	0.01	0.02	2.24E 00	0.03	2.42E 00	0.04
148	2.31E 00	0.03	0.03	2.23E 00	0.03	2.40E 00	0.03
147	2.30E 00	0.04	0.04	2.21E 00	0.03	2.38E 00	0.02
146	2.28E 00	0.06	0.05	2.19E 00	0.03	2.37E 00	0.02
145	2.27E 00	0.08	0.06	2.18E 00	0.04	2.35E 00	0.02
144	2.25E 00	0.08	0.06	2.16E 00	0.04	2.34E 00	0.02
143	2.23E 00	0.07	0.05	2.15E 00	0.03	2.32E 00	0.01
142	2.22E 00	0.06	0.03	2.13E 00	0.02	2.31E 00	-0.00
141	2.20E 00	0.04	0.01	2.12E 00	0.02	2.29E 00	-0.00
140	2.19E 00	0.02	0.00	2.10E 00	0.02	2.27E 00	-0.01
139	2.17E 00	0.00	-0.01	2.08E 00	0.02	2.26E 00	-0.01
138	2.16E 00	-0.01	-0.02	2.07E 00	0.02	2.24E 00	-0.01
137	2.14E 00	-0.02	-0.03	2.05E 00	0.02	2.23E 00	-0.01
136	2.12E 00	-0.04	-0.04	2.04E 00	0.02	2.21E 00	-0.01
135	2.11E 00	-0.05	-0.04	2.02E 00	0.02	2.20E 00	-0.01
134	2.09E 00	-0.04	-0.04	2.01E 00	0.02	2.18E 00	-0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 9.1725E-03 RII(0)= 1.5313E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	-0.04	-0.04	1.99E 00	0.02	2.17E 00	-0.02
132	2.06E 00	-0.03	-0.04	1.98E 00	0.02	2.15E 00	-0.02
131	2.05E 00	-0.04	-0.03	1.96E 00	0.02	2.13E 00	-0.02
130	2.03E 00	-0.04	-0.03	1.94E 00	0.02	2.12E 00	-0.01
129	2.02E 00	-0.04	-0.03	1.93E 00	0.01	2.10E 00	-0.01
128	2.00E 00	-0.04	-0.03	1.91E 00	0.01	2.09E 00	-0.01
127	1.98E 00	-0.03	-0.02	1.90E 00	0.00	2.07E 00	-0.02
126	1.97E 00	-0.02	-0.00	1.88E 00	0.01	2.06E 00	-0.02
125	1.95E 00	-0.01	0.02	1.87E 00	0.01	2.04E 00	-0.00
124	1.94E 00	0.00	0.03	1.85E 00	0.02	2.02E 00	0.01
123	1.92E 00	0.02	0.05	1.83E 00	0.02	2.01E 00	0.02
122	1.91E 00	0.03	0.05	1.82E 00	0.02	1.99E 00	0.02
121	1.89E 00	0.03	0.05	1.80E 00	0.02	1.98E 00	0.02
120	1.87E 00	0.04	0.04	1.79E 00	0.01	1.96E 00	0.03
119	1.86E 00	0.05	0.04	1.77E 00	0.01	1.95E 00	0.03
118	1.84E 00	0.04	0.03	1.76E 00	0.01	1.93E 00	0.02
117	1.83E 00	0.03	0.02	1.74E 00	0.01	1.92E 00	0.01
116	1.81E 00	0.02	0.01	1.73E 00	0.01	1.90E 00	0.01
115	1.80E 00	-0.00	0.00	1.71E 00	0.01	1.88E 00	0.00
114	1.78E 00	-0.02	-0.00	1.69E 00	0.02	1.87E 00	-0.00
113	1.77E 00	-0.04	-0.00	1.68E 00	0.02	1.85E 00	-0.00
112	1.75E 00	-0.05	-0.01	1.66E 00	0.01	1.84E 00	-0.00
111	1.73E 00	-0.04	-0.01	1.65E 00	0.01	1.82E 00	-0.00
110	1.72E 00	-0.04	-0.01	1.63E 00	0.00	1.81E 00	0.00
109	1.70E 00	-0.04	-0.01	1.62E 00	-0.01	1.79E 00	0.00
108	1.69E 00	-0.04	-0.01	1.60E 00	-0.02	1.77E 00	0.01
107	1.67E 00	-0.02	0.00	1.58E 00	-0.02	1.76E 00	0.02
106	1.66E 00	-0.01	0.01	1.57E 00	-0.01	1.74E 00	0.03
105	1.64E 00	0.00	0.01	1.55E 00	-0.01	1.73E 00	0.03
104	1.62E 00	0.01	0.01	1.54E 00	-0.02	1.71E 00	0.03
103	1.61E 00	0.01	-0.00	1.52E 00	-0.03	1.70E 00	0.02
102	1.59E 00	0.02	-0.01	1.51E 00	-0.03	1.68E 00	0.01
101	1.58E 00	0.04	-0.01	1.49E 00	-0.02	1.67E 00	0.00
100	1.56E 00	0.06	-0.01	1.48E 00	-0.01	1.65E 00	-0.00
99	1.55E 00	0.08	-0.00	1.46E 00	0.00	1.63E 00	0.00
98	1.53E 00	0.09	0.01	1.44E 00	0.00	1.62E 00	0.01
97	1.52E 00	0.09	0.02	1.43E 00	-0.00	1.60E 00	0.03
96	1.50E 00	0.09	0.03	1.41E 00	-0.01	1.59E 00	0.04
95	1.48E 00	0.08	0.03	1.40E 00	-0.02	1.57E 00	0.03
94	1.47E 00	0.06	0.02	1.38E 00	-0.02	1.56E 00	0.03
93	1.45E 00	0.05	0.02	1.37E 00	-0.02	1.54E 00	0.02
92	1.44E 00	0.04	0.02	1.35E 00	-0.01	1.52E 00	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 9.1725E-03 RII(0)= 1.5313E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.03	0.01	1.33E 00	-0.01	1.51E 00	0.01
90	1.41E 00	0.01	0.01	1.32E 00	-0.01	1.49E 00	0.00
89	1.39E 00	0.01	0.00	1.30E 00	-0.02	1.48E 00	-0.01
88	1.37E 00	0.00	-0.00	1.29E 00	-0.03	1.46E 00	-0.02
87	1.36E 00	-0.01	-0.01	1.27E 00	-0.04	1.45E 00	-0.03
86	1.34E 00	-0.02	-0.01	1.26E 00	-0.05	1.43E 00	-0.03
85	1.33E 00	-0.03	-0.02	1.24E 00	-0.06	1.42E 00	-0.03
84	1.31E 00	-0.02	-0.04	1.23E 00	-0.06	1.40E 00	-0.04
83	1.30E 00	-0.01	-0.05	1.21E 00	-0.06	1.38E 00	-0.04
82	1.28E 00	-0.01	-0.05	1.19E 00	-0.06	1.37E 00	-0.04
81	1.27E 00	-0.01	-0.05	1.18E 00	-0.05	1.35E 00	-0.03
80	1.25E 00	-0.02	-0.04	1.16E 00	-0.05	1.34E 00	-0.01
79	1.23E 00	-0.02	-0.03	1.15E 00	-0.04	1.32E 00	0.00
78	1.22E 00	-0.01	-0.02	1.13E 00	-0.03	1.31E 00	0.01
77	1.20E 00	0.00	-0.01	1.12E 00	-0.01	1.29E 00	0.01
76	1.19E 00	0.02	0.01	1.10E 00	-0.00	1.27E 00	0.01
75	1.17E 00	0.03	0.02	1.08E 00	-0.00	1.26E 00	0.01
74	1.16E 00	0.04	0.04	1.07E 00	-0.01	1.24E 00	0.01
73	1.14E 00	0.05	0.05	1.05E 00	-0.00	1.23E 00	0.01
72	1.12E 00	0.05	0.05	1.04E 00	0.01	1.21E 00	0.01
71	1.11E 00	0.05	0.04	1.02E 00	0.01	1.20E 00	0.00
70	1.09E 00	0.04	0.03	1.01E 00	0.00	1.18E 00	-0.00
69	1.08E 00	0.02	0.02	9.91E-01	-0.00	1.17E 00	-0.01
68	1.06E 00	0.00	0.01	9.75E-01	-0.00	1.15E 00	-0.02
67	1.05E 00	-0.01	0.01	9.60E-01	-0.00	1.13E 00	-0.02
66	1.03E 00	-0.02	-0.00	9.44E-01	-0.00	1.12E 00	-0.02
65	1.02E 00	-0.03	-0.01	9.28E-01	-0.00	1.10E 00	-0.03
64	10.00E-01	-0.03	-0.02	9.13E-01	0.01	1.09E 00	-0.03
63	9.84E-01	-0.03	-0.03	8.97E-01	0.02	1.07E 00	-0.03
62	9.69E-01	-0.03	-0.03	8.82E-01	0.02	1.06E 00	-0.03
61	9.53E-01	-0.04	-0.03	8.66E-01	0.01	1.04E 00	-0.02
60	9.37E-01	-0.03	-0.02	8.50E-01	0.00	1.02E 00	-0.00
59	9.22E-01	-0.02	-0.01	8.35E-01	-0.00	1.01E 00	0.01
58	9.06E-01	-0.02	-0.01	8.19E-01	0.00	9.93E-01	0.02
57	8.91E-01	-0.01	-0.02	8.03E-01	0.01	9.78E-01	0.03
56	8.75E-01	-0.00	-0.02	7.88E-01	0.02	9.62E-01	0.03
55	8.59E-01	0.01	-0.02	7.72E-01	0.03	9.47E-01	0.04
54	8.44E-01	0.02	-0.02	7.57E-01	0.04	9.31E-01	0.04
53	8.28E-01	0.05	-0.01	7.41E-01	0.05	9.15E-01	0.04
52	8.12E-01	0.07	0.00	7.25E-01	0.07	9.00E-01	0.03
51	7.97E-01	0.08	0.01	7.10E-01	0.08	8.84E-01	0.03
50	7.81E-01	0.09	0.01	6.94E-01	0.09	8.68E-01	0.03

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 9.1725E-03 RII(0)= 1.5313E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.09	0.02	6.78E-01	0.10	8.53E-01	0.03
48	7.50E-01	0.09	0.03	6.63E-01	0.11	8.37E-01	0.04
47	7.34E-01	0.08	0.02	6.47E-01	0.10	8.22E-01	0.04
46	7.19E-01	0.06	0.02	6.32E-01	0.10	8.06E-01	0.04
45	7.03E-01	0.04	0.01	6.16E-01	0.09	7.90E-01	0.03
44	6.87E-01	0.01	-0.00	6.00E-01	0.08	7.75E-01	0.02
43	6.72E-01	-0.01	-0.01	5.85E-01	0.06	7.59E-01	0.01
42	6.56E-01	-0.03	-0.02	5.69E-01	0.04	7.43E-01	-0.00
41	6.41E-01	-0.03	-0.01	5.53E-01	0.02	7.28E-01	-0.02
40	6.25E-01	-0.03	-0.01	5.38E-01	0.01	7.12E-01	-0.03
39	6.09E-01	-0.03	-0.01	5.22E-01	-0.01	6.97E-01	-0.04
38	5.94E-01	-0.04	-0.02	5.07E-01	-0.02	6.81E-01	-0.04
37	5.78E-01	-0.03	-0.03	4.91E-01	-0.03	6.65E-01	-0.04
36	5.62E-01	-0.02	-0.04	4.75E-01	-0.04	6.50E-01	-0.04
35	5.47E-01	-0.02	-0.05	4.60E-01	-0.05	6.34E-01	-0.03
34	5.31E-01	-0.01	-0.05	4.44E-01	-0.05	6.18E-01	-0.02
33	5.16E-01	-0.01	-0.05	4.28E-01	-0.07	6.03E-01	-0.00
32	5.00E-01	0.01	-0.03	4.13E-01	-0.08	5.87E-01	0.01
31	4.84E-01	0.03	-0.02	3.97E-01	-0.08	5.72E-01	0.02
30	4.69E-01	0.05	-0.01	3.82E-01	-0.07	5.56E-01	0.02
29	4.53E-01	0.06	0.01	3.66E-01	-0.06	5.40E-01	0.02
28	4.37E-01	0.08	0.02	3.50E-01	-0.05	5.25E-01	0.02
27	4.22E-01	0.09	0.04	3.35E-01	-0.05	5.09E-01	0.02
26	4.06E-01	0.10	0.04	3.19E-01	-0.04	4.93E-01	0.02
25	3.91E-01	0.10	0.03	3.03E-01	-0.03	4.78E-01	0.03
24	3.75E-01	0.09	0.02	2.88E-01	-0.03	4.62E-01	0.03
23	3.59E-01	0.07	0.01	2.72E-01	-0.02	4.47E-01	0.02
22	3.44E-01	0.03	-0.01	2.57E-01	-0.00	4.31E-01	0.02
21	3.28E-01	-0.01	-0.03	2.41E-01	0.01	4.15E-01	0.02
20	3.12E-01	-0.05	-0.05	2.25E-01	0.03	4.00E-01	0.02
19	2.97E-01	-0.08	-0.06	2.10E-01	0.05	3.84E-01	0.02
18	2.81E-01	-0.10	-0.07	1.94E-01	0.06	3.68E-01	0.01
17	2.66E-01	-0.11	-0.07	1.78E-01	0.07	3.53E-01	-0.00
16	2.50E-01	-0.12	-0.06	1.63E-01	0.06	3.37E-01	-0.01
15	2.34E-01	-0.12	-0.06	1.47E-01	0.06	3.22E-01	-0.01
14	2.19E-01	-0.11	-0.06	1.32E-01	0.05	3.06E-01	-0.01
13	2.03E-01	-0.09	-0.06	1.16E-01	0.05	2.90E-01	-0.01
12	1.87E-01	-0.08	-0.06	1.00E-01	0.04	2.75E-01	-0.01
11	1.72E-01	-0.07	-0.06	8.47E-02	0.04	2.59E-01	-0.01
10	1.56E-01	-0.05	-0.07	6.91E-02	0.03	2.43E-01	-0.01
9	1.41E-01	-0.02	-0.06	5.34E-02	0.03	2.28E-01	0.01
8	1.25E-01	0.01	-0.05	3.78E-02	0.04	2.12E-01	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 9.1725E-03 RII(0)= 1.5313E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.05	-0.02	2.22E-02	0.04	1.97E-01	0.03
6	9.37E-02	0.10	0.03	6.56E-03	0.04	1.81E-01	0.03
5	7.81E-02	0.16	0.11	-9.06E-03	0.04	1.65E-01	0.02
4	6.25E-02	0.26	0.22	-2.47E-02	0.03	1.50E-01	0.02
3	4.69E-02	0.35	0.37	-4.03E-02	0.03	1.34E-01	0.02
2	3.12E-02	0.50	0.59	-5.59E-02	0.03	1.18E-01	0.02
1	1.56E-02	0.81	0.86	-7.16E-02	0.03	1.03E-01	0.03
0	0.	1.00	1.00	-8.72E-02	0.03	8.72E-02	0.03

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	2.26E-05	2.20E-05	0.30	-0.	0.30	360.00
182.9	9.9	0.52	3.87E-05	4.50E-05	0.27	-0.04	0.28	351.32
365.7	19.8	1.04	2.97E-05	5.10E-05	0.25	0.03	0.25	6.27
548.6	29.7	1.56	2.95E-05	5.90E-05	0.07	0.08	0.10	49.72
731.4	39.6	2.08	3.14E-05	6.20E-05	-0.12	-0.06	0.13	208.06
914.3	49.6	2.61	2.91E-05	6.43E-05	0.05	-0.20	0.21	282.86
1097.1	59.5	3.13	3.37E-05	6.92E-05	0.34	-0.18	0.39	331.94
1280.0	69.4	3.65	4.45E-05	6.89E-05	0.35	-0.09	0.36	345.19
1462.9	79.3	4.17	4.41E-05	6.74E-05	0.23	0.10	0.25	22.86
1645.7	89.2	4.69	3.99E-05	7.25E-05	0.14	0.26	0.30	62.42
1828.6	99.1	5.21	4.26E-05	7.39E-05	0.06	0.31	0.32	78.78
2011.4	109.0	5.73	4.77E-05	7.33E-05	0.01	0.29	0.29	87.94
2194.3	118.9	6.25	4.92E-05	7.03E-05	-0.04	0.18	0.19	103.57
2377.1	128.8	6.77	5.34E-05	6.90E-05	-0.08	0.00	0.08	178.87
2560.0	138.8	7.30	6.84E-05	8.82E-05	-0.10	-0.18	0.20	239.63
2742.9	148.7	7.82	5.98E-05	9.01E-05	-0.13	-0.19	0.23	236.05
2925.7	158.6	8.34	2.94E-05	6.52E-05	-0.11	-0.07	0.13	212.97
3108.6	168.5	8.86	1.80E-05	5.03E-05	-0.01	0.09	0.09	95.06
3291.4	178.4	9.38	1.63E-05	4.51E-05	-0.02	0.03	0.04	132.68
3474.3	188.3	9.90	1.49E-05	4.81E-05	-0.08	-0.01	0.08	190.15
3657.1	198.2	10.42	1.71E-05	4.64E-05	-0.07	0.07	0.09	135.58
3840.0	208.1	10.94	1.80E-05	3.61E-05	-0.01	0.07	0.08	97.14
4022.9	218.0	11.47	1.65E-05	3.64E-05	0.03	-0.12	0.12	286.13
4205.7	227.9	11.99	1.58E-05	4.47E-05	-0.05	-0.21	0.21	255.87
4388.6	237.9	12.51	1.70E-05	4.64E-05	-0.03	-0.07	0.07	244.58
4571.4	247.8	13.03	1.67E-05	4.29E-05	0.09	0.03	0.09	21.25
4754.3	257.7	13.55	1.76E-05	4.17E-05	0.07	0.08	0.11	47.00
4937.1	267.6	14.07	1.89E-05	4.04E-05	0.06	0.12	0.13	62.42
5120.0	277.5	14.59	2.06E-05	4.04E-05	0.10	0.00	0.10	0.13
5302.9	287.4	15.11	2.34E-05	4.07E-05	0.10	-0.13	0.16	306.89
5485.7	297.3	15.63	1.93E-05	3.32E-05	0.08	-0.12	0.14	302.52
5668.6	307.2	16.16	1.29E-05	2.49E-05	0.02	-0.06	0.06	291.52
5851.4	317.1	16.68	1.14E-05	2.13E-05	-0.01	-0.03	0.03	250.38
6034.3	327.1	17.20	1.12E-05	2.03E-05	0.06	0.04	0.07	32.14
6217.1	337.0	17.72	1.10E-05	2.05E-05	0.10	0.07	0.13	33.75
6400.0	346.9	18.24	1.10E-05	2.07E-05	0.06	-0.01	0.06	351.89
6582.9	356.8	18.76	1.06E-05	2.26E-05	-0.02	0.00	0.02	172.12
6765.7	366.7	19.28	9.23E-06	2.19E-05	-0.02	0.11	0.11	99.39
6948.6	376.6	19.80	9.05E-06	1.74E-05	0.05	0.13	0.14	68.66
7131.4	386.5	20.32	9.78E-06	1.55E-05	-0.04	0.08	0.09	115.71
7314.3	396.4	20.85	9.03E-06	1.58E-05	-0.15	0.05	0.16	159.69
7497.1	406.3	21.37	8.16E-06	1.45E-05	-0.06	-0.01	0.06	183.54

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00

$\alpha = \beta = 0°$

*******FREQUENCY*******			**********	SPECTRA	**********		*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.0	416.3	21.89	8.85E-06	1.39E-05	-0.00	-0.05	0.05	269.29
7862.9	426.2	22.41	9.38E-06	1.52E-05	-0.10	0.02	0.10	170.51
8045.7	436.1	22.93	8.55E-06	1.47E-05	-0.07	0.04	0.08	150.16
8228.6	446.0	23.45	7.96E-06	1.31E-05	0.02	-0.01	0.02	342.92
8411.4	455.9	23.97	8.29E-06	1.28E-05	-0.02	0.02	0.02	128.28
8594.3	465.8	24.49	8.58E-06	1.29E-05	-0.03	-0.00	0.03	188.02
8777.1	475.7	25.01	8.02E-06	1.26E-05	0.05	-0.03	0.06	330.63
8960.0	485.6	25.54	7.12E-06	1.05E-05	0.14	0.06	0.15	24.62
9142.9	495.5	26.06	6.93E-06	8.82E-06	0.07	0.15	0.17	66.55
9325.7	505.5	26.58	6.46E-06	8.53E-06	-0.04	0.12	0.12	108.16
9508.6	515.4	27.10	5.64E-06	9.47E-06	-0.07	0.04	0.08	146.97
9691.4	525.3	27.62	6.19E-06	1.11E-05	0.01	0.13	0.13	84.13
9874.3	535.2	28.14	6.76E-06	1.03E-05	0.15	0.15	0.21	44.85
10057.1	545.1	28.66	6.63E-06	7.78E-06	0.16	-0.00	0.16	359.55
10240.0	555.0	29.18	6.47E-06	6.99E-06	0.11	-0.00	0.11	358.86
10422.9	564.9	29.71	5.76E-06	7.00E-06	0.13	0.06	0.14	24.86
10605.7	574.8	30.23	5.37E-06	6.95E-06	0.13	-0.04	0.14	342.74
10788.6	584.7	30.75	5.96E-06	7.18E-06	0.13	-0.17	0.21	308.27
10971.4	594.7	31.27	6.55E-06	6.64E-06	0.11	-0.17	0.20	302.44
11154.3	604.6	31.79	5.90E-06	6.26E-06	0.05	-0.06	0.08	308.93
11337.1	614.5	32.31	5.00E-06	6.41E-06	0.06	-0.03	0.06	335.77
11520.0	624.4	32.83	5.01E-06	6.35E-06	0.05	-0.01	0.05	348.51
11702.9	634.3	33.35	4.75E-06	6.21E-06	0.01	0.13	0.13	86.80
11885.7	644.2	33.87	4.08E-06	6.61E-06	-0.02	0.14	0.14	96.53
12068.6	654.1	34.40	4.04E-06	6.59E-06	-0.08	0.02	0.08	162.11
12251.4	664.0	34.92	4.31E-06	5.68E-06	-0.09	-0.07	0.11	216.23
12434.3	673.9	35.44	4.39E-06	5.21E-06	-0.09	-0.06	0.11	212.87
12617.1	683.8	35.96	4.19E-06	4.77E-06	-0.05	0.07	0.09	124.56
12800.0	693.8	36.48	3.86E-06	4.32E-06	0.01	0.09	0.09	81.65
12982.9	703.7	37.00	3.75E-06	4.05E-06	-0.04	0.04	0.06	137.55
13165.7	713.6	37.52	3.66E-06	3.84E-06	0.01	-0.04	0.04	284.53
13348.6	723.5	38.04	3.49E-06	3.79E-06	0.17	-0.13	0.21	321.53
13531.4	733.4	38.56	3.27E-06	3.42E-06	0.17	-0.07	0.19	338.88
13714.3	743.3	39.09	3.40E-06	3.17E-06	0.07	0.07	0.10	45.92
13897.1	753.2	39.61	4.00E-06	3.36E-06	-0.05	0.07	0.09	123.92
14080.0	763.1	40.13	3.99E-06	3.46E-06	-0.14	-0.03	0.14	190.31
14262.9	773.0	40.65	3.82E-06	3.10E-06	-0.10	-0.08	0.13	218.12
14445.7	783.0	41.17	4.20E-06	2.73E-06	-0.05	-0.08	0.09	236.95
14628.6	792.9	41.69	4.10E-06	2.63E-06	-0.07	0.01	0.08	168.57
14811.4	802.8	42.21	3.47E-06	2.46E-06	-0.02	0.15	0.15	98.99
14994.3	812.7	42.73	3.23E-06	2.44E-06	-0.00	0.06	0.06	92.01
15177.1	822.6	43.25	3.31E-06	2.45E-06	-0.02	-0.07	0.07	255.39

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00

$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.0	832.5	43.78	3.13E-06	2.27E-06	-0.02	-0.04	0.05	247.94
15542.9	842.4	44.30	2.61E-06	2.21E-06	-0.06	0.00	0.06	178.46
15725.7	852.3	44.82	2.43E-06	2.39E-06	-0.05	0.01	0.05	167.98
15908.6	862.2	45.34	2.87E-06	2.47E-06	-0.03	0.03	0.05	134.19
16091.4	872.2	45.86	3.07E-06	2.32E-06	-0.04	0.03	0.05	140.09
16274.3	882.1	46.38	2.72E-06	2.21E-06	0.01	-0.04	0.04	284.89
16457.1	892.0	46.90	2.46E-06	2.06E-06	0.08	-0.02	0.09	348.83
16640.0	901.9	47.42	2.53E-06	1.86E-06	0.09	0.10	0.14	47.11
16822.9	911.8	47.95	2.47E-06	1.76E-06	-0.02	0.13	0.13	98.43
17005.7	921.7	48.47	2.28E-06	1.76E-06	-0.09	0.08	0.13	137.92
17188.6	931.6	48.99	2.37E-06	1.65E-06	-0.04	0.12	0.13	107.71
17371.4	941.5	49.51	2.39E-06	1.42E-06	0.07	0.12	0.14	59.20
17554.3	951.4	50.03	2.17E-06	1.22E-06	0.12	-0.02	0.12	352.54
17737.1	961.4	50.55	1.93E-06	1.20E-06	0.10	-0.02	0.10	349.51
17920.0	971.3	51.07	1.96E-06	1.31E-06	0.02	0.01	0.02	37.79
18102.9	981.2	51.59	2.21E-06	1.43E-06	-0.07	-0.01	0.07	184.71
18285.7	991.1	52.11	2.05E-06	1.49E-06	-0.02	0.06	0.06	113.73

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 9.1967E-03 RII(0)= 7.1392E-03

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.02	0.05	2.65E 00	-0.01	2.82E 00	0.00
174	2.72E 00	-0.01	0.06	2.63E 00	-0.01	2.81E 00	0.00
173	2.70E 00	0.00	0.07	2.61E 00	-0.02	2.79E 00	-0.00
172	2.69E 00	0.02	0.08	2.60E 00	-0.02	2.78E 00	-0.01
171	2.67E 00	0.04	0.08	2.58E 00	-0.02	2.76E 00	-0.01
170	2.66E 00	0.05	0.08	2.57E 00	-0.02	2.75E 00	-0.01
169	2.64E 00	0.05	0.08	2.55E 00	-0.03	2.73E 00	-0.01
168	2.62E 00	0.05	0.07	2.54E 00	-0.03	2.71E 00	-0.01
167	2.61E 00	0.05	0.06	2.52E 00	-0.03	2.70E 00	-0.00
166	2.59E 00	0.04	0.05	2.50E 00	-0.03	2.68E 00	-0.00
165	2.58E 00	0.02	0.04	2.49E 00	-0.02	2.67E 00	-0.00
164	2.56E 00	0.01	0.02	2.47E 00	-0.01	2.65E 00	-0.00
163	2.55E 00	-0.00	0.00	2.46E 00	-0.01	2.64E 00	0.00
162	2.53E 00	-0.02	-0.02	2.44E 00	-0.01	2.62E 00	0.01
161	2.52E 00	-0.03	-0.03	2.43E 00	-0.00	2.60E 00	0.01
160	2.50E 00	-0.04	-0.04	2.41E 00	0.00	2.59E 00	0.02
159	2.48E 00	-0.05	-0.05	2.40E 00	0.01	2.57E 00	0.02
158	2.47E 00	-0.05	-0.06	2.38E 00	0.02	2.56E 00	0.02
157	2.45E 00	-0.04	-0.07	2.36E 00	0.02	2.54E 00	0.02
156	2.44E 00	-0.04	-0.07	2.35E 00	0.02	2.53E 00	0.02
155	2.42E 00	-0.03	-0.07	2.33E 00	0.01	2.51E 00	0.02
154	2.41E 00	-0.01	-0.06	2.32E 00	0.00	2.50E 00	0.02
153	2.39E 00	0.01	-0.05	2.30E 00	-0.00	2.48E 00	0.02
152	2.37E 00	0.02	-0.04	2.29E 00	-0.01	2.46E 00	0.02
151	2.36E 00	0.03	-0.03	2.27E 00	-0.01	2.45E 00	0.02
150	2.34E 00	0.04	-0.01	2.25E 00	-0.01	2.43E 00	0.02
149	2.33E 00	0.06	0.01	2.24E 00	-0.01	2.42E 00	0.02
148	2.31E 00	0.07	0.02	2.22E 00	-0.01	2.40E 00	0.02
147	2.30E 00	0.08	0.04	2.21E 00	-0.01	2.39E 00	0.02
146	2.28E 00	0.09	0.06	2.19E 00	-0.01	2.37E 00	0.02
145	2.27E 00	0.10	0.07	2.18E 00	-0.02	2.35E 00	0.01
144	2.25E 00	0.09	0.08	2.16E 00	-0.01	2.34E 00	0.01
143	2.23E 00	0.08	0.08	2.15E 00	-0.00	2.32E 00	0.01
142	2.22E 00	0.08	0.08	2.13E 00	0.00	2.31E 00	0.00
141	2.20E 00	0.07	0.07	2.11E 00	0.01	2.29E 00	-0.00
140	2.19E 00	0.05	0.06	2.10E 00	0.02	2.28E 00	-0.01
139	2.17E 00	0.03	0.04	2.08E 00	0.02	2.26E 00	-0.01
138	2.16E 00	0.01	0.03	2.07E 00	0.02	2.25E 00	-0.01
137	2.14E 00	-0.01	0.02	2.05E 00	0.03	2.23E 00	-0.01
136	2.12E 00	-0.03	0.01	2.04E 00	0.04	2.21E 00	-0.00
135	2.11E 00	-0.05	-0.01	2.02E 00	0.04	2.20E 00	0.00
134	2.09E 00	-0.06	-0.02	2.00E 00	0.03	2.18E 00	0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 9.1967E-03 RII(0)= 7.1392E-03

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	-0.06	-0.03	1.99E 00	0.02	2.17E 00	0.01
132	2.06E 00	-0.06	-0.03	1.97E 00	0.02	2.15E 00	0.01
131	2.05E 00	-0.06	-0.04	1.96E 00	0.01	2.14E 00	0.01
130	2.03E 00	-0.05	-0.04	1.94E 00	-0.00	2.12E 00	-0.00
129	2.02E 00	-0.04	-0.04	1.93E 00	-0.01	2.10E 00	-0.01
128	2.00E 00	-0.02	-0.04	1.91E 00	-0.02	2.09E 00	-0.01
127	1.98E 00	-0.02	-0.03	1.90E 00	-0.03	2.07E 00	-0.02
126	1.97E 00	-0.01	-0.01	1.88E 00	-0.03	2.06E 00	-0.02
125	1.95E 00	0.01	0.01	1.86E 00	-0.03	2.04E 00	-0.02
124	1.94E 00	0.02	0.04	1.85E 00	-0.02	2.03E 00	-0.01
123	1.92E 00	0.04	0.06	1.83E 00	-0.02	2.01E 00	-0.01
122	1.91E 00	0.06	0.07	1.82E 00	-0.02	2.00E 00	-0.02
121	1.89E 00	0.07	0.08	1.80E 00	-0.02	1.98E 00	-0.02
120	1.87E 00	0.06	0.09	1.79E 00	-0.02	1.96E 00	-0.02
119	1.86E 00	0.06	0.08	1.77E 00	-0.02	1.95E 00	-0.01
118	1.84E 00	0.05	0.08	1.75E 00	-0.01	1.93E 00	-0.00
117	1.83E 00	0.05	0.06	1.74E 00	-0.00	1.92E 00	0.01
116	1.81E 00	0.04	0.05	1.72E 00	0.01	1.90E 00	0.01
115	1.80E 00	0.02	0.02	1.71E 00	0.02	1.89E 00	0.02
114	1.78E 00	0.00	0.00	1.69E 00	0.04	1.87E 00	0.02
113	1.77E 00	-0.01	-0.02	1.68E 00	0.05	1.85E 00	0.02
112	1.75E 00	-0.02	-0.04	1.66E 00	0.06	1.84E 00	0.02
111	1.73E 00	-0.03	-0.05	1.65E 00	0.07	1.82E 00	0.02
110	1.72E 00	-0.04	-0.06	1.63E 00	0.08	1.81E 00	0.02
109	1.70E 00	-0.05	-0.06	1.61E 00	0.09	1.79E 00	0.02
108	1.69E 00	-0.05	-0.06	1.60E 00	0.09	1.78E 00	0.02
107	1.67E 00	-0.05	-0.05	1.58E 00	0.08	1.76E 00	0.03
106	1.66E 00	-0.04	-0.05	1.57E 00	0.07	1.75E 00	0.03
105	1.64E 00	-0.03	-0.04	1.55E 00	0.07	1.73E 00	0.03
104	1.62E 00	-0.01	-0.03	1.54E 00	0.06	1.71E 00	0.03
103	1.61E 00	0.00	-0.01	1.52E 00	0.05	1.70E 00	0.03
102	1.59E 00	0.02	0.00	1.50E 00	0.04	1.68E 00	0.03
101	1.58E 00	0.04	0.02	1.49E 00	0.03	1.67E 00	0.02
100	1.56E 00	0.06	0.03	1.47E 00	0.01	1.65E 00	0.01
99	1.55E 00	0.07	0.04	1.46E 00	0.00	1.64E 00	0.01
98	1.53E 00	0.08	0.05	1.44E 00	-0.01	1.62E 00	0.00
97	1.52E 00	0.08	0.06	1.43E 00	-0.01	1.60E 00	-0.00
96	1.50E 00	0.07	0.07	1.41E 00	-0.02	1.59E 00	-0.00
95	1.48E 00	0.06	0.07	1.40E 00	-0.02	1.57E 00	-0.01
94	1.47E 00	0.05	0.06	1.38E 00	-0.02	1.56E 00	-0.01
93	1.45E 00	0.04	0.06	1.36E 00	-0.02	1.54E 00	-0.01
92	1.44E 00	0.02	0.05	1.35E 00	-0.02	1.53E 00	-0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 9.1967E-03 RII(0)= 7.1392E-03

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.00	0.03	1.33E 00	-0.01	1.51E 00	-0.00
90	1.41E 00	-0.02	0.02	1.32E 00	-0.01	1.50E 00	0.00
89	1.39E 00	-0.04	0.00	1.30E 00	-0.01	1.48E 00	0.01
88	1.37E 00	-0.05	-0.01	1.29E 00	-0.00	1.46E 00	0.01
87	1.36E 00	-0.06	-0.02	1.27E 00	0.00	1.45E 00	0.02
86	1.34E 00	-0.07	-0.03	1.25E 00	0.01	1.43E 00	0.03
85	1.33E 00	-0.08	-0.04	1.24E 00	0.01	1.42E 00	0.04
84	1.31E 00	-0.08	-0.04	1.22E 00	0.01	1.40E 00	0.04
83	1.30E 00	-0.08	-0.04	1.21E 00	0.00	1.39E 00	0.04
82	1.28E 00	-0.07	-0.04	1.19E 00	-0.00	1.37E 00	0.03
81	1.27E 00	-0.06	-0.04	1.18E 00	-0.01	1.35E 00	0.03
80	1.25E 00	-0.06	-0.03	1.16E 00	-0.02	1.34E 00	0.02
79	1.23E 00	-0.04	-0.02	1.15E 00	-0.03	1.32E 00	0.02
78	1.22E 00	-0.01	-0.01	1.13E 00	-0.04	1.31E 00	0.02
77	1.20E 00	0.01	-0.00	1.11E 00	-0.05	1.29E 00	0.01
76	1.19E 00	0.02	0.01	1.10E 00	-0.05	1.28E 00	0.01
75	1.17E 00	0.04	0.03	1.08E 00	-0.05	1.26E 00	-0.00
74	1.16E 00	0.06	0.04	1.07E 00	-0.06	1.25E 00	-0.02
73	1.14E 00	0.07	0.04	1.05E 00	-0.06	1.23E 00	-0.03
72	1.12E 00	0.08	0.04	1.04E 00	-0.06	1.21E 00	-0.03
71	1.11E 00	0.08	0.03	1.02E 00	-0.05	1.20E 00	-0.04
70	1.09E 00	0.07	0.02	1.00E 00	-0.04	1.18E 00	-0.04
69	1.08E 00	0.06	-0.00	9.89E-01	-0.03	1.17E 00	-0.04
68	1.06E 00	0.04	-0.02	9.74E-01	-0.02	1.15E 00	-0.04
67	1.05E 00	0.02	-0.03	9.58E-01	-0.01	1.14E 00	-0.03
66	1.03E 00	-0.00	-0.05	9.42E-01	0.01	1.12E 00	-0.02
65	1.02E 00	-0.02	-0.06	9.27E-01	0.01	1.10E 00	-0.01
64	10.00E-01	-0.03	-0.07	9.11E-01	0.01	1.09E 00	0.00
63	9.84E-01	-0.04	-0.07	8.96E-01	0.02	1.07E 00	0.02
62	9.69E-01	-0.05	-0.07	8.80E-01	0.03	1.06E 00	0.02
61	9.53E-01	-0.05	-0.07	8.64E-01	0.04	1.04E 00	0.03
60	9.37E-01	-0.05	-0.06	8.49E-01	0.04	1.03E 00	0.03
59	9.22E-01	-0.05	-0.05	8.33E-01	0.05	1.01E 00	0.04
58	9.06E-01	-0.06	-0.03	8.17E-01	0.04	9.95E-01	0.04
57	8.91E-01	-0.06	-0.01	8.02E-01	0.04	9.79E-01	0.04
56	8.75E-01	-0.05	0.01	7.86E-01	0.02	9.64E-01	0.04
55	8.59E-01	-0.03	0.02	7.71E-01	0.01	9.48E-01	0.04
54	8.44E-01	-0.01	0.04	7.55E-01	-0.01	9.33E-01	0.04
53	8.28E-01	0.01	0.06	7.39E-01	-0.02	9.17E-01	0.05
52	8.12E-01	0.04	0.08	7.24E-01	-0.03	9.01E-01	0.05
51	7.97E-01	0.07	0.10	7.08E-01	-0.03	8.86E-01	0.05
50	7.81E-01	0.09	0.11	6.92E-01	-0.04	8.70E-01	0.05

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 9.1967E-03 RII(0)= 7.1392E-03

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.10	0.12	6.77E-01	-0.03	8.54E-01	0.04
48	7.50E-01	0.10	0.11	6.61E-01	-0.02	8.39E-01	0.04
47	7.34E-01	0.09	0.09	6.46E-01	-0.01	8.23E-01	0.03
46	7.19E-01	0.06	0.06	6.30E-01	-0.00	8.08E-01	0.02
45	7.03E-01	0.05	0.04	6.14E-01	0.01	7.92E-01	0.01
44	6.87E-01	0.03	0.01	5.99E-01	0.02	7.76E-01	0.01
43	6.72E-01	0.02	-0.01	5.83E-01	0.03	7.61E-01	0.00
42	6.56E-01	0.01	-0.03	5.67E-01	0.02	7.45E-01	-0.00
41	6.41E-01	-0.00	-0.05	5.52E-01	0.02	7.29E-01	-0.00
40	6.25E-01	-0.01	-0.06	5.36E-01	0.01	7.14E-01	0.00
39	6.09E-01	-0.01	-0.07	5.21E-01	0.01	6.98E-01	0.01
38	5.94E-01	-0.03	-0.08	5.05E-01	0.02	6.83E-01	0.02
37	5.78E-01	-0.04	-0.08	4.89E-01	0.02	6.67E-01	0.02
36	5.62E-01	-0.05	-0.07	4.74E-01	0.01	6.51E-01	0.03
35	5.47E-01	-0.05	-0.07	4.58E-01	0.00	6.36E-01	0.04
34	5.31E-01	-0.05	-0.06	4.42E-01	-0.00	6.20E-01	0.04
33	5.16E-01	-0.05	-0.05	4.27E-01	-0.00	6.04E-01	0.04
32	5.00E-01	-0.03	-0.04	4.11E-01	0.00	5.89E-01	0.04
31	4.84E-01	-0.00	-0.03	3.96E-01	0.01	5.73E-01	0.03
30	4.69E-01	0.02	-0.01	3.80E-01	0.01	5.58E-01	0.02
29	4.53E-01	0.04	0.00	3.64E-01	0.01	5.42E-01	0.01
28	4.37E-01	0.07	0.02	3.49E-01	0.01	5.26E-01	0.00
27	4.22E-01	0.09	0.04	3.33E-01	0.01	5.11E-01	-0.01
26	4.06E-01	0.10	0.05	3.17E-01	0.01	4.95E-01	-0.01
25	3.91E-01	0.11	0.06	3.02E-01	0.01	4.79E-01	-0.02
24	3.75E-01	0.10	0.05	2.86E-01	0.02	4.64E-01	-0.02
23	3.59E-01	0.08	0.03	2.71E-01	0.02	4.48E-01	-0.01
22	3.44E-01	0.04	0.01	2.55E-01	0.02	4.33E-01	-0.01
21	3.28E-01	0.02	-0.01	2.39E-01	0.02	4.17E-01	-0.01
20	3.12E-01	-0.01	-0.04	2.24E-01	0.03	4.01E-01	-0.00
19	2.97E-01	-0.04	-0.06	2.08E-01	0.03	3.86E-01	0.00
18	2.81E-01	-0.06	-0.08	1.92E-01	0.03	3.70E-01	0.01
17	2.66E-01	-0.08	-0.10	1.77E-01	0.03	3.54E-01	0.02
16	2.50E-01	-0.09	-0.11	1.61E-01	0.03	3.39E-01	0.04
15	2.34E-01	-0.09	-0.12	1.46E-01	0.02	3.23E-01	0.04
14	2.19E-01	-0.08	-0.12	1.30E-01	0.02	3.08E-01	0.05
13	2.03E-01	-0.07	-0.12	1.14E-01	0.02	2.92E-01	0.05
12	1.87E-01	-0.06	-0.12	9.87E-02	0.02	2.76E-01	0.05
11	1.72E-01	-0.05	-0.11	8.30E-02	0.02	2.61E-01	0.05
10	1.56E-01	-0.03	-0.09	6.74E-02	0.01	2.45E-01	0.05
9	1.41E-01	-0.00	-0.05	5.18E-02	0.01	2.29E-01	0.04
8	1.25E-01	0.04	0.00	3.62E-02	-0.00	2.14E-01	0.04

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 9.1967E-03 RII(0)= 7.1392E-03

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.08	0.07	2.05E-02	-0.01	1.98E-01	0.03
6	9.37E-02	0.13	0.16	4.92E-03	-0.02	1.83E-01	0.02
5	7.81E-02	0.20	0.27	-1.07E-02	-0.02	1.67E-01	0.01
4	6.25E-02	0.29	0.41	-2.63E-02	-0.03	1.51E-01	-0.00
3	4.69E-02	0.37	0.57	-4.20E-02	-0.03	1.36E-01	-0.01
2	3.12E-02	0.51	0.74	-5.76E-02	-0.04	1.20E-01	-0.02
1	1.56E-02	0.81	0.91	-7.32E-02	-0.03	1.04E-01	-0.02
0	0.	1.00	1.00	-8.88E-02	-0.03	8.88E-02	-0.03

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	2.34E-05	1.58E-05	0.27	-0.	0.27	360.00
182.9	9.9	0.52	4.37E-05	3.04E-05	0.16	-0.13	0.20	320.77
365.7	19.8	1.04	4.15E-05	3.24E-05	0.04	-0.14	0.14	284.43
548.6	29.7	1.56	3.83E-05	3.56E-05	0.03	-0.01	0.04	335.91
731.4	39.6	2.08	3.38E-05	3.54E-05	-0.08	0.11	0.14	125.48
914.3	49.6	2.61	3.51E-05	3.83E-05	-0.17	0.08	0.18	153.22
1097.1	59.5	3.13	3.99E-05	4.39E-05	0.00	-0.02	0.02	282.46
1280.0	69.4	3.65	4.25E-05	4.98E-05	0.08	-0.04	0.09	335.50
1462.9	79.3	4.17	3.93E-05	4.89E-05	-0.08	0.02	0.08	163.99
1645.7	89.2	4.69	4.21E-05	3.97E-05	-0.22	0.02	0.22	176.11
1828.6	99.1	5.21	4.55E-05	3.39E-05	-0.18	0.03	0.19	169.77
2011.4	109.0	5.73	4.17E-05	3.74E-05	-0.08	0.10	0.13	129.17
2194.3	118.9	6.25	3.55E-05	4.36E-05	-0.02	-0.01	0.02	214.36
2377.1	128.8	6.77	4.13E-05	4.93E-05	-0.03	-0.03	0.04	225.61
2560.0	138.8	7.30	7.10E-05	6.43E-05	-0.09	0.13	0.16	125.01
2742.9	148.7	7.82	7.10E-05	5.99E-05	-0.12	0.17	0.21	124.75
2925.7	158.6	8.34	3.59E-05	3.11E-05	-0.08	0.09	0.12	131.25
3108.6	168.5	8.86	2.03E-05	2.05E-05	0.10	-0.06	0.12	328.86
3291.4	178.4	9.38	1.78E-05	2.18E-05	0.20	-0.03	0.20	350.60
3474.3	188.3	9.90	1.53E-05	2.12E-05	0.22	0.03	0.23	8.69
3657.1	198.2	10.42	1.52E-05	2.15E-05	0.18	0.01	0.18	3.34
3840.0	208.1	10.94	1.51E-05	1.91E-05	0.05	-0.02	0.06	337.69
4022.9	218.0	11.47	1.41E-05	1.61E-05	-0.11	0.04	0.12	162.24
4205.7	227.9	11.99	1.39E-05	1.57E-05	-0.16	0.04	0.16	164.65
4388.6	237.9	12.51	1.57E-05	1.44E-05	-0.12	0.06	0.13	154.32
4571.4	247.8	13.03	1.69E-05	1.23E-05	-0.01	0.05	0.05	100.98
4754.3	257.7	13.55	1.69E-05	1.25E-05	0.11	-0.07	0.13	328.02
4937.1	267.6	14.07	1.88E-05	1.27E-05	0.12	-0.08	0.14	327.18
5120.0	277.5	14.59	2.12E-05	1.30E-05	0.04	0.01	0.05	18.99
5302.9	287.4	15.11	2.04E-05	1.37E-05	-0.01	0.06	0.06	95.49
5485.7	297.3	15.63	1.56E-05	1.16E-05	-0.01	0.08	0.08	94.93
5668.6	307.2	16.16	1.04E-05	8.26E-06	-0.03	0.05	0.06	119.73
5851.4	317.1	16.68	8.53E-06	6.56E-06	-0.02	-0.03	0.03	235.45
6034.3	327.1	17.20	8.83E-06	5.99E-06	0.00	-0.01	0.01	280.54
6217.1	337.0	17.72	1.08E-05	5.92E-06	0.02	0.07	0.07	77.04
6400.0	346.9	18.24	1.23E-05	5.52E-06	0.09	0.06	0.11	35.91
6582.9	356.8	18.76	1.10E-05	5.16E-06	0.04	0.07	0.08	57.63
6765.7	366.7	19.28	9.59E-06	5.02E-06	-0.07	0.11	0.12	121.63
6948.6	376.6	19.80	8.68E-06	4.66E-06	-0.05	-0.00	0.06	184.74
7131.4	386.5	20.32	7.84E-06	4.15E-06	-0.03	-0.09	0.10	250.89
7314.3	396.4	20.85	8.03E-06	3.60E-06	-0.04	-0.05	0.06	226.49
7497.1	406.3	21.37	8.58E-06	3.87E-06	-0.09	-0.01	0.09	187.80

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.0	416.3	21.89	8.98E-06	4.74E-06	-0.11	0.02	0.11	171.52
7862.9	426.2	22.41	9.23E-06	4.63E-06	-0.07	-0.02	0.08	195.57
8045.7	436.1	22.93	8.70E-06	3.79E-06	-0.02	-0.04	0.05	241.43
8228.6	446.0	23.45	8.33E-06	3.00E-06	0.03	0.04	0.05	55.98
8411.4	455.9	23.97	7.92E-06	2.33E-06	0.07	0.10	0.12	54.83
8594.3	465.8	24.49	6.85E-06	2.11E-06	0.05	0.15	0.16	72.33
8777.1	475.7	25.01	6.49E-06	2.43E-06	-0.06	0.17	0.18	108.82
8960.0	485.6	25.54	6.84E-06	2.52E-06	-0.14	0.09	0.17	146.01
9142.9	495.5	26.06	6.72E-06	2.40E-06	-0.11	-0.01	0.11	187.43
9325.7	505.5	26.58	6.19E-06	2.42E-06	0.00	-0.11	0.11	271.91
9508.6	515.4	27.10	6.19E-06	2.25E-06	-0.03	-0.19	0.19	262.58
9691.4	525.3	27.62	6.51E-06	1.97E-06	-0.08	-0.15	0.17	242.88
9874.3	535.2	28.14	6.45E-06	1.84E-06	0.07	-0.06	0.09	318.79
10057.1	545.1	28.66	6.25E-06	1.92E-06	0.14	-0.12	0.19	318.57
10240.0	555.0	29.18	6.47E-06	1.99E-06	0.11	-0.16	0.20	305.64
10422.9	564.9	29.71	6.95E-06	1.86E-06	0.11	-0.09	0.14	321.72
10605.7	574.8	30.23	6.63E-06	1.68E-06	0.07	0.01	0.07	10.93
10788.6	584.7	30.75	6.13E-06	1.54E-06	0.06	0.09	0.11	56.70
10971.4	594.7	31.27	5.92E-06	1.34E-06	0.07	0.10	0.12	53.12
11154.3	604.6	31.79	4.91E-06	1.17E-06	0.03	0.05	0.06	63.37
11337.1	614.5	32.31	4.34E-06	1.09E-06	-0.01	0.00	0.01	157.23
11520.0	624.4	32.83	4.75E-06	1.03E-06	-0.08	-0.06	0.10	216.73
11702.9	634.3	33.35	4.81E-06	1.01E-06	-0.06	-0.03	0.07	206.24
11885.7	644.2	33.87	4.38E-06	1.06E-06	0.06	0.03	0.07	22.08
12068.6	654.1	34.40	4.19E-06	1.05E-06	0.06	-0.05	0.08	323.50
12251.4	664.0	34.92	4.10E-06	9.58E-07	-0.00	-0.12	0.12	268.75
12434.3	673.9	35.44	4.25E-06	8.66E-07	-0.04	-0.10	0.11	250.46
12617.1	683.8	35.96	4.53E-06	8.18E-07	-0.09	-0.04	0.10	202.35
12800.0	693.8	36.48	4.36E-06	8.63E-07	-0.11	0.09	0.15	140.84
12982.9	703.7	37.00	4.48E-06	8.39E-07	-0.02	0.14	0.14	99.14
13165.7	713.6	37.52	4.57E-06	7.47E-07	0.04	-0.02	0.04	336.93
13348.6	723.5	38.04	4.05E-06	7.18E-07	0.01	-0.19	0.19	274.20
13531.4	733.4	38.56	3.45E-06	7.67E-07	-0.07	-0.17	0.18	248.52
13714.3	743.3	39.09	3.11E-06	8.31E-07	-0.08	-0.03	0.08	200.85
13897.1	753.2	39.61	3.22E-06	7.91E-07	0.02	0.03	0.04	50.72
14080.0	763.1	40.13	3.46E-06	6.44E-07	0.10	-0.02	0.10	351.23
14262.9	773.0	40.65	3.47E-06	5.61E-07	0.09	-0.04	0.10	335.94
14445.7	783.0	41.17	3.41E-06	6.41E-07	-0.07	0.04	0.08	148.74
14628.6	792.9	41.69	3.46E-06	6.67E-07	-0.10	0.10	0.14	134.49
14811.4	802.8	42.21	3.65E-06	5.80E-07	0.06	-0.01	0.06	354.25
14994.3	812.7	42.73	3.59E-06	5.41E-07	0.10	-0.05	0.11	331.15
15177.1	822.6	43.25	3.21E-06	5.01E-07	0.02	0.03	0.03	60.47

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SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.50 RUN NO.= 67.0 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=27.03 PROTOTYPE= 5.79 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.0	832.5	43.78	3.07E-06	4.81E-07	-0.06	0.03	0.07	152.38
15542.9	842.4	44.30	2.99E-06	5.03E-07	-0.10	-0.01	0.11	186.50
15725.7	852.3	44.82	2.89E-06	4.75E-07	-0.09	-0.03	0.09	196.27
15908.6	862.2	45.34	2.91E-06	4.53E-07	-0.07	-0.09	0.11	230.35
16091.4	872.2	45.86	2.99E-06	4.39E-07	-0.06	-0.10	0.12	239.54
16274.3	882.1	46.38	3.24E-06	4.21E-07	-0.01	-0.05	0.05	258.83
16457.1	892.0	46.90	2.98E-06	4.51E-07	-0.01	-0.08	0.08	264.44
16640.0	901.9	47.42	2.35E-06	4.73E-07	0.01	-0.10	0.10	276.55
16822.9	911.8	47.95	2.02E-06	4.25E-07	0.00	-0.00	0.01	308.56
17005.7	921.7	48.47	2.14E-06	3.67E-07	-0.01	0.03	0.03	100.17
17188.6	931.6	48.99	2.47E-06	3.76E-07	0.10	-0.01	0.10	351.15
17371.4	941.5	49.51	2.39E-06	4.25E-07	0.04	0.02	0.05	28.49
17554.3	951.4	50.03	2.28E-06	4.26E-07	-0.10	0.02	0.11	166.81
17737.1	961.4	50.55	2.22E-06	3.50E-07	-0.15	0.01	0.15	177.61
17920.0	971.3	51.07	1.91E-06	2.92E-07	-0.12	0.08	0.15	146.14
18102.9	981.2	51.59	1.82E-06	3.01E-07	-0.01	0.07	0.07	94.56
18285.7	991.1	52.11	2.05E-06	3.13E-07	0.07	-0.02	0.07	341.25

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CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 4.6802E-01 RII(0)= 1.3488E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	0.00	0.00	2.76E 00	0.02	2.71E 00	0.02
174	2.72E 00	0.00	-0.01	2.75E 00	0.02	2.69E 00	0.02
173	2.70E 00	-0.00	-0.02	2.73E 00	0.02	2.67E 00	0.02
172	2.69E 00	-0.00	-0.02	2.72E 00	0.01	2.66E 00	0.03
171	2.67E 00	-0.01	-0.02	2.70E 00	0.02	2.64E 00	0.03
170	2.66E 00	-0.01	-0.02	2.69E 00	0.02	2.63E 00	0.03
169	2.64E 00	-0.01	-0.03	2.67E 00	0.02	2.61E 00	0.03
168	2.62E 00	-0.01	-0.02	2.65E 00	0.01	2.60E 00	0.04
167	2.61E 00	-0.01	-0.02	2.64E 00	0.00	2.58E 00	0.04
166	2.59E 00	-0.01	-0.01	2.62E 00	-0.01	2.56E 00	0.04
165	2.58E 00	0.00	-0.01	2.61E 00	-0.01	2.55E 00	0.04
164	2.56E 00	0.01	0.00	2.59E 00	-0.01	2.53E 00	0.03
163	2.55E 00	0.02	0.01	2.58E 00	-0.02	2.52E 00	0.04
162	2.53E 00	0.02	0.03	2.56E 00	-0.03	2.50E 00	0.04
161	2.52E 00	0.02	0.04	2.54E 00	-0.02	2.49E 00	0.04
160	2.50E 00	0.02	0.05	2.53E 00	-0.02	2.47E 00	0.03
159	2.48E 00	0.02	0.05	2.51E 00	-0.02	2.46E 00	0.03
158	2.47E 00	0.02	0.04	2.50E 00	-0.01	2.44E 00	0.02
157	2.45E 00	0.02	0.04	2.48E 00	-0.00	2.42E 00	0.01
156	2.44E 00	0.02	0.04	2.47E 00	0.00	2.41E 00	0.01
155	2.42E 00	0.02	0.04	2.45E 00	0.02	2.39E 00	0.01
154	2.41E 00	0.01	0.03	2.44E 00	0.03	2.38E 00	0.00
153	2.39E 00	0.01	0.01	2.42E 00	0.04	2.36E 00	-0.01
152	2.37E 00	0.00	0.00	2.40E 00	0.04	2.35E 00	-0.01
151	2.36E 00	0.00	0.00	2.39E 00	0.04	2.33E 00	-0.01
150	2.34E 00	-0.00	-0.00	2.37E 00	0.04	2.31E 00	0.00
149	2.33E 00	-0.01	-0.01	2.36E 00	0.05	2.30E 00	0.01
148	2.31E 00	-0.01	-0.03	2.34E 00	0.05	2.28E 00	0.02
147	2.30E 00	-0.01	-0.05	2.33E 00	0.05	2.27E 00	0.03
146	2.28E 00	-0.01	-0.05	2.31E 00	0.04	2.25E 00	0.04
145	2.27E 00	-0.00	-0.05	2.29E 00	0.03	2.24E 00	0.04
144	2.25E 00	-0.00	-0.04	2.28E 00	0.02	2.22E 00	0.04
143	2.23E 00	0.00	-0.03	2.26E 00	0.02	2.21E 00	0.03
142	2.22E 00	0.01	-0.02	2.25E 00	0.01	2.19E 00	0.02
141	2.20E 00	0.01	-0.02	2.23E 00	0.01	2.17E 00	0.02
140	2.19E 00	0.01	-0.01	2.22E 00	0.01	2.16E 00	0.02
139	2.17E 00	0.02	0.00	2.20E 00	0.01	2.14E 00	0.01
138	2.16E 00	0.02	0.01	2.19E 00	0.01	2.13E 00	0.01
137	2.14E 00	0.02	0.02	2.17E 00	0.02	2.11E 00	-0.00
136	2.12E 00	0.03	0.02	2.15E 00	0.02	2.10E 00	-0.01
135	2.11E 00	0.03	0.03	2.14E 00	0.02	2.08E 00	-0.01
134	2.09E 00	0.03	0.03	2.12E 00	0.02	2.06E 00	-0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 4.6802E-01 RII(0)= 1.3488E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.03	0.02	2.11E 00	0.03	2.05E 00	-0.02
132	2.06E 00	0.02	0.01	2.09E 00	0.04	2.03E 00	-0.02
131	2.05E 00	0.01	0.00	2.08E 00	0.04	2.02E 00	-0.02
130	2.03E 00	0.01	-0.00	2.06E 00	0.05	2.00E 00	-0.02
129	2.02E 00	0.00	-0.00	2.04E 00	0.05	1.99E 00	-0.01
128	2.00E 00	0.00	-0.01	2.03E 00	0.04	1.97E 00	-0.01
127	1.98E 00	0.00	-0.02	2.01E 00	0.05	1.96E 00	0.01
126	1.97E 00	0.00	-0.03	2.00E 00	0.04	1.94E 00	0.02
125	1.95E 00	0.00	-0.04	1.98E 00	0.04	1.92E 00	0.02
124	1.94E 00	0.00	-0.05	1.97E 00	0.04	1.91E 00	0.02
123	1.92E 00	0.00	-0.05	1.95E 00	0.03	1.89E 00	0.03
122	1.91E 00	0.01	-0.04	1.94E 00	0.02	1.88E 00	0.03
121	1.89E 00	0.01	-0.02	1.92E 00	0.02	1.86E 00	0.03
120	1.87E 00	0.02	-0.01	1.90E 00	0.01	1.85E 00	0.03
119	1.86E 00	0.02	0.00	1.89E 00	-0.01	1.83E 00	0.02
118	1.84E 00	0.03	0.01	1.87E 00	-0.02	1.81E 00	0.02
117	1.83E 00	0.04	0.02	1.86E 00	-0.03	1.80E 00	0.01
116	1.81E 00	0.05	0.02	1.84E 00	-0.04	1.78E 00	0.00
115	1.80E 00	0.05	0.03	1.83E 00	-0.04	1.77E 00	0.00
114	1.78E 00	0.06	0.04	1.81E 00	-0.04	1.75E 00	-0.00
113	1.77E 00	0.06	0.06	1.79E 00	-0.05	1.74E 00	-0.00
112	1.75E 00	0.07	0.07	1.78E 00	-0.05	1.72E 00	0.00
111	1.73E 00	0.07	0.07	1.76E 00	-0.05	1.71E 00	0.00
110	1.72E 00	0.07	0.07	1.75E 00	-0.05	1.69E 00	-0.00
109	1.70E 00	0.06	0.06	1.73E 00	-0.05	1.67E 00	-0.01
108	1.69E 00	0.06	0.05	1.72E 00	-0.05	1.66E 00	-0.01
107	1.67E 00	0.06	0.04	1.70E 00	-0.05	1.64E 00	-0.01
106	1.66E 00	0.05	0.03	1.69E 00	-0.04	1.63E 00	-0.01
105	1.64E 00	0.05	0.01	1.67E 00	-0.04	1.61E 00	-0.01
104	1.62E 00	0.04	-0.00	1.65E 00	-0.03	1.60E 00	0.00
103	1.61E 00	0.05	-0.01	1.64E 00	-0.03	1.58E 00	0.01
102	1.59E 00	0.04	-0.02	1.62E 00	-0.03	1.56E 00	0.02
101	1.58E 00	0.04	-0.01	1.61E 00	-0.03	1.55E 00	0.02
100	1.56E 00	0.04	-0.01	1.59E 00	-0.02	1.53E 00	0.02
99	1.55E 00	0.04	-0.01	1.58E 00	-0.03	1.52E 00	0.02
98	1.53E 00	0.04	-0.01	1.56E 00	-0.03	1.50E 00	0.01
97	1.52E 00	0.05	0.01	1.54E 00	-0.04	1.49E 00	0.01
96	1.50E 00	0.05	0.02	1.53E 00	-0.04	1.47E 00	0.01
95	1.48E 00	0.05	0.02	1.51E 00	-0.04	1.46E 00	0.01
94	1.47E 00	0.05	0.03	1.50E 00	-0.05	1.44E 00	0.01
93	1.45E 00	0.04	0.03	1.48E 00	-0.05	1.42E 00	0.00
92	1.44E 00	0.04	0.04	1.47E 00	-0.06	1.41E 00	-0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 4.6802E-01 RII(0)= 1.3488E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.03	0.05	1.45E 00	-0.06	1.39E 00	0.00
90	1.41E 00	0.03	0.05	1.44E 00	-0.06	1.38E 00	0.00
89	1.39E 00	0.02	0.05	1.42E 00	-0.05	1.36E 00	0.00
88	1.37E 00	0.02	0.04	1.40E 00	-0.04	1.35E 00	0.01
87	1.36E 00	0.02	0.03	1.39E 00	-0.04	1.33E 00	0.02
86	1.34E 00	0.02	0.02	1.37E 00	-0.04	1.31E 00	0.02
85	1.33E 00	0.01	0.01	1.36E 00	-0.03	1.30E 00	0.02
84	1.31E 00	0.00	0.01	1.34E 00	-0.02	1.28E 00	0.03
83	1.30E 00	-0.00	-0.01	1.33E 00	-0.01	1.27E 00	0.04
82	1.28E 00	-0.01	-0.02	1.31E 00	-0.01	1.25E 00	0.04
81	1.27E 00	-0.02	-0.02	1.29E 00	-0.01	1.24E 00	0.04
80	1.25E 00	-0.03	-0.03	1.28E 00	-0.01	1.22E 00	0.04
79	1.23E 00	-0.04	-0.04	1.26E 00	-0.01	1.21E 00	0.04
78	1.22E 00	-0.04	-0.04	1.25E 00	-0.01	1.19E 00	0.04
77	1.20E 00	-0.04	-0.03	1.23E 00	-0.01	1.17E 00	0.03
76	1.19E 00	-0.04	-0.01	1.22E 00	-0.01	1.16E 00	0.03
75	1.17E 00	-0.03	0.00	1.20E 00	-0.01	1.14E 00	0.03
74	1.16E 00	-0.03	0.02	1.19E 00	-0.01	1.13E 00	0.03
73	1.14E 00	-0.02	0.03	1.17E 00	-0.01	1.11E 00	0.03
72	1.12E 00	-0.02	0.04	1.15E 00	-0.01	1.10E 00	0.03
71	1.11E 00	-0.02	0.06	1.14E 00	-0.00	1.08E 00	0.03
70	1.09E 00	-0.02	0.06	1.12E 00	-0.00	1.06E 00	0.02
69	1.08E 00	-0.02	0.07	1.11E 00	0.00	1.05E 00	0.01
68	1.06E 00	-0.02	0.07	1.09E 00	0.01	1.03E 00	0.00
67	1.05E 00	-0.02	0.07	1.08E 00	0.02	1.02E 00	0.01
66	1.03E 00	-0.03	0.06	1.06E 00	0.03	1.00E 00	0.01
65	1.02E 00	-0.03	0.04	1.04E 00	0.03	9.86E-01	0.02
64	10.00E-01	-0.04	0.01	1.03E 00	0.03	9.71E-01	0.02
63	9.84E-01	-0.05	-0.01	1.01E 00	0.04	9.55E-01	0.03
62	9.69E-01	-0.06	-0.03	9.98E-01	0.05	9.39E-01	0.03
61	9.53E-01	-0.06	-0.04	9.82E-01	0.07	9.24E-01	0.04
60	9.37E-01	-0.07	-0.04	9.67E-01	0.08	9.08E-01	0.04
59	9.22E-01	-0.07	-0.04	9.51E-01	0.09	8.93E-01	0.04
58	9.06E-01	-0.08	-0.05	9.36E-01	0.09	8.77E-01	0.05
57	8.91E-01	-0.08	-0.05	9.20E-01	0.09	8.61E-01	0.05
56	8.75E-01	-0.08	-0.06	9.04E-01	0.09	8.46E-01	0.05
55	8.59E-01	-0.08	-0.06	8.89E-01	0.09	8.30E-01	0.06
54	8.44E-01	-0.07	-0.05	8.73E-01	0.09	8.14E-01	0.06
53	8.28E-01	-0.06	-0.03	8.57E-01	0.09	7.99E-01	0.07
52	8.12E-01	-0.06	-0.03	8.42E-01	0.10	7.83E-01	0.07
51	7.97E-01	-0.05	-0.02	8.26E-01	0.10	7.68E-01	0.07
50	7.81E-01	-0.05	-0.01	8.11E-01	0.10	7.52E-01	0.06

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 4.6802E-01 RII(0)= 1.3488E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	-0.04	0.01	7.95E-01	0.10	7.36E-01	0.05
48	7.50E-01	-0.04	0.02	7.79E-01	0.10	7.21E-01	0.04
47	7.34E-01	-0.04	0.03	7.64E-01	0.11	7.05E-01	0.03
46	7.19E-01	-0.04	0.03	7.48E-01	0.11	6.89E-01	0.03
45	7.03E-01	-0.03	0.02	7.32E-01	0.11	6.74E-01	0.03
44	6.87E-01	-0.03	0.01	7.17E-01	0.13	6.58E-01	0.03
43	6.72E-01	-0.03	-0.01	7.01E-01	0.14	6.43E-01	0.03
42	6.56E-01	-0.04	-0.03	6.86E-01	0.14	6.27E-01	0.04
41	6.41E-01	-0.04	-0.04	6.70E-01	0.15	6.11E-01	0.05
40	6.25E-01	-0.05	-0.05	6.54E-01	0.17	5.96E-01	0.05
39	6.09E-01	-0.05	-0.06	6.39E-01	0.18	5.80E-01	0.06
38	5.94E-01	-0.05	-0.08	6.23E-01	0.19	5.64E-01	0.06
37	5.78E-01	-0.06	-0.11	6.07E-01	0.20	5.49E-01	0.06
36	5.62E-01	-0.06	-0.12	5.92E-01	0.21	5.33E-01	0.06
35	5.47E-01	-0.06	-0.13	5.76E-01	0.20	5.18E-01	0.07
34	5.31E-01	-0.05	-0.14	5.61E-01	0.19	5.02E-01	0.08
33	5.16E-01	-0.04	-0.14	5.45E-01	0.18	4.86E-01	0.08
32	5.00E-01	-0.03	-0.14	5.29E-01	0.17	4.71E-01	0.08
31	4.84E-01	-0.01	-0.14	5.14E-01	0.16	4.55E-01	0.07
30	4.69E-01	0.00	-0.13	4.98E-01	0.15	4.39E-01	0.06
29	4.53E-01	0.02	-0.11	4.82E-01	0.14	4.24E-01	0.05
28	4.37E-01	0.03	-0.09	4.67E-01	0.13	4.08E-01	0.04
27	4.22E-01	0.05	-0.07	4.51E-01	0.12	3.93E-01	0.04
26	4.06E-01	0.07	-0.04	4.36E-01	0.11	3.77E-01	0.04
25	3.91E-01	0.09	-0.02	4.20E-01	0.10	3.61E-01	0.04
24	3.75E-01	0.11	0.01	4.04E-01	0.09	3.46E-01	0.04
23	3.59E-01	0.12	0.03	3.89E-01	0.08	3.30E-01	0.04
22	3.44E-01	0.14	0.04	3.73E-01	0.08	3.14E-01	0.03
21	3.28E-01	0.14	0.04	3.57E-01	0.07	2.99E-01	0.03
20	3.12E-01	0.15	0.03	3.42E-01	0.07	2.83E-01	0.02
19	2.97E-01	0.16	0.02	3.26E-01	0.06	2.68E-01	0.03
18	2.81E-01	0.18	0.01	3.11E-01	0.05	2.52E-01	0.03
17	2.66E-01	0.19	-0.00	2.95E-01	0.04	2.36E-01	0.03
16	2.50E-01	0.21	-0.01	2.79E-01	0.03	2.21E-01	0.03
15	2.34E-01	0.23	-0.02	2.64E-01	0.01	2.05E-01	0.03
14	2.19E-01	0.25	-0.02	2.48E-01	-0.02	1.89E-01	0.02
13	2.03E-01	0.27	-0.03	2.32E-01	-0.07	1.74E-01	0.00
12	1.87E-01	0.30	-0.02	2.17E-01	-0.12	1.58E-01	-0.02
11	1.72E-01	0.33	-0.01	2.01E-01	-0.17	1.43E-01	-0.03
10	1.56E-01	0.36	0.02	1.86E-01	-0.21	1.27E-01	-0.05
9	1.41E-01	0.39	0.04	1.70E-01	-0.24	1.11E-01	-0.06
8	1.25E-01	0.42	0.07	1.54E-01	-0.25	9.57E-02	-0.08

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 4.6802E-01 RII(0)= 1.3488E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.45	0.11	1.39E-01	-0.26	8.01E-02	-0.10
6	9.37E-02	0.49	0.14	1.23E-01	-0.26	6.44E-02	-0.12
5	7.81E-02	0.52	0.18	1.07E-01	-0.27	4.88E-02	-0.14
4	6.25E-02	0.57	0.24	9.18E-02	-0.27	3.32E-02	-0.16
3	4.69E-02	0.62	0.35	7.62E-02	-0.26	1.76E-02	-0.17
2	3.12E-02	0.70	0.55	6.05E-02	-0.24	1.95E-03	-0.19
1	1.56E-02	0.88	0.84	4.49E-02	-0.23	-1.37E-02	-0.20
0	0.	1.00	1.00	2.93E-02	-0.22	-2.93E-02	-0.22

[redacted]

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00

$\alpha = \beta = 0°$

*******FREQUENCY*******			********** SPECTRA **********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	1.46E-03	1.01E-04	0.32	0.	0.32	0.
182.9	9.8	0.37	2.85E-03	1.92E-04	0.10	0.09	0.14	39.43
365.7	19.5	0.75	3.12E-03	2.41E-04	-0.37	0.23	0.43	148.32
548.6	29.3	1.12	3.43E-03	3.79E-04	-0.65	0.14	0.66	167.71
731.4	39.1	1.49	2.85E-03	4.66E-04	-0.73	-0.10	0.74	188.14
914.3	48.8	1.87	1.92E-03	4.50E-04	-0.68	-0.33	0.75	205.82
1097.1	58.6	2.24	1.49E-03	4.15E-04	-0.58	-0.41	0.71	214.85
1280.0	68.4	2.61	1.24E-03	3.45E-04	-0.50	-0.48	0.69	223.79
1462.9	78.1	2.98	9.04E-04	2.62E-04	-0.39	-0.54	0.67	233.84
1645.7	87.9	3.36	7.05E-04	2.31E-04	-0.32	-0.56	0.64	240.44
1828.6	97.6	3.73	6.18E-04	2.05E-04	-0.26	-0.57	0.63	245.75
2011.4	107.4	4.10	4.97E-04	1.59E-04	-0.17	-0.46	0.49	250.01
2194.3	117.2	4.48	4.38E-04	1.50E-04	-0.11	-0.36	0.38	252.45
2377.1	126.9	4.85	4.46E-04	1.84E-04	-0.06	-0.38	0.39	260.96
2560.0	136.7	5.22	5.03E-04	2.61E-04	-0.05	-0.31	0.31	261.07
2742.9	146.5	5.60	6.57E-04	4.05E-04	-0.10	-0.31	0.32	251.77
2925.7	156.2	5.97	5.99E-04	4.02E-04	-0.05	-0.30	0.30	261.11
3108.6	166.0	6.34	3.40E-04	2.33E-04	0.20	-0.12	0.23	328.59
3291.4	175.8	6.71	2.23E-04	1.63E-04	0.41	0.08	0.42	10.78
3474.3	185.5	7.09	2.03E-04	1.73E-04	0.36	0.18	0.40	26.34
3657.1	195.3	7.46	2.09E-04	1.63E-04	0.39	0.25	0.46	33.00
3840.0	205.1	7.83	2.27E-04	1.38E-04	0.35	0.28	0.45	39.01
4022.9	214.8	8.21	2.05E-04	1.14E-04	0.22	0.28	0.35	52.19
4205.7	224.6	8.58	1.79E-04	1.00E-04	0.08	0.20	0.21	68.03
4388.6	234.3	8.95	2.01E-04	1.01E-04	0.04	0.20	0.20	79.19
4571.4	244.1	9.33	2.37E-04	1.11E-04	0.04	0.21	0.21	79.41
4754.3	253.9	9.70	2.30E-04	1.11E-04	-0.02	0.17	0.17	96.25
4937.1	263.6	10.07	2.02E-04	1.02E-04	-0.08	0.13	0.15	119.31
5120.0	273.4	10.44	2.08E-04	1.04E-04	-0.01	0.15	0.16	94.96
5302.9	283.2	10.82	2.22E-04	1.16E-04	0.01	0.11	0.11	86.41
5485.7	292.9	11.19	2.03E-04	1.23E-04	-0.11	0.04	0.12	159.63
5668.6	302.7	11.56	1.80E-04	1.18E-04	-0.21	0.01	0.21	176.56
5851.4	312.5	11.94	1.85E-04	1.08E-04	-0.21	-0.05	0.22	192.04
6034.3	322.2	12.31	2.06E-04	9.21E-05	-0.15	-0.06	0.16	202.46
6217.1	332.0	12.68	2.05E-04	8.46E-05	0.00	-0.07	0.07	270.17
6400.0	341.8	13.06	1.71E-04	9.20E-05	0.10	-0.14	0.18	306.11
6582.9	351.5	13.43	1.52E-04	9.15E-05	0.06	-0.22	0.22	285.94
6765.7	361.3	13.80	1.48E-04	8.77E-05	-0.04	-0.18	0.19	256.28
6948.6	371.1	14.18	1.34E-04	8.61E-05	-0.10	-0.11	0.15	228.79
7131.4	380.8	14.55	1.26E-04	7.55E-05	-0.08	-0.11	0.13	234.72
7314.3	390.6	14.92	1.29E-04	6.81E-05	-0.03	-0.04	0.05	231.42
7497.1	400.3	15.29	1.41E-04	7.45E-05	0.00	0.02	0.02	78.23

CONFIDENTIAL

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.0	410.1	15.67	1.37E-04	7.88E-05	0.02	0.03	0.03	53.00
7862.9	419.9	16.04	1.22E-04	7.93E-05	0.02	0.09	0.09	80.13
8045.7	429.6	16.41	1.19E-04	7.70E-05	0.08	0.11	0.14	52.85
8228.6	439.4	16.79	1.16E-04	6.88E-05	0.23	0.08	0.24	19.58
8411.4	449.2	17.16	1.19E-04	7.33E-05	0.22	0.09	0.24	21.09
8594.3	458.9	17.53	1.31E-04	7.63E-05	0.12	0.16	0.20	53.29
8777.1	468.7	17.91	1.25E-04	6.09E-05	0.08	0.23	0.25	70.15
8960.0	478.5	18.28	1.05E-04	5.10E-05	0.09	0.18	0.20	64.19
9142.9	488.2	18.65	9.01E-05	5.05E-05	0.07	0.07	0.09	44.73
9325.7	498.0	19.02	8.97E-05	5.32E-05	0.00	-0.01	0.01	281.54
9508.6	507.8	19.40	9.56E-05	5.75E-05	-0.06	0.01	0.06	169.56
9691.4	517.5	19.77	9.15E-05	5.74E-05	-0.08	0.04	0.09	156.61
9874.3	527.3	20.14	8.65E-05	5.24E-05	-0.06	0.02	0.06	165.33
10057.1	537.1	20.52	8.94E-05	4.38E-05	-0.01	0.03	0.03	112.37
10240.0	546.8	20.89	9.15E-05	3.47E-05	-0.01	-0.00	0.01	198.41
10422.9	556.6	21.26	9.43E-05	3.13E-05	-0.03	-0.09	0.10	253.92
10605.7	566.3	21.64	9.63E-05	3.66E-05	-0.02	-0.06	0.06	253.12
10788.6	576.1	22.01	8.93E-05	4.05E-05	-0.05	-0.00	0.05	183.99
10971.4	585.9	22.38	8.67E-05	3.88E-05	-0.06	-0.08	0.10	231.03
11154.3	595.6	22.75	8.39E-05	3.62E-05	-0.00	-0.14	0.14	269.02
11337.1	605.4	23.13	7.38E-05	3.39E-05	0.00	-0.09	0.09	272.54
11520.0	615.2	23.50	7.25E-05	3.40E-05	-0.01	0.02	0.02	106.37
11702.9	624.9	23.87	8.43E-05	3.14E-05	0.05	-0.02	0.05	338.47
11885.7	634.7	24.25	9.13E-05	3.15E-05	0.09	-0.13	0.16	305.09
12068.6	644.5	24.62	8.05E-05	3.27E-05	0.06	-0.09	0.11	302.64
12251.4	654.2	24.99	7.01E-05	2.64E-05	-0.01	-0.06	0.06	258.38
12434.3	664.0	25.37	7.02E-05	2.37E-05	-0.01	-0.05	0.06	259.33
12617.1	673.8	25.74	7.00E-05	2.62E-05	0.00	-0.04	0.04	276.40
12800.0	683.5	26.11	6.43E-05	2.62E-05	0.02	-0.06	0.06	285.26
12982.9	693.3	26.49	6.12E-05	2.44E-05	0.03	-0.09	0.09	291.25
13165.7	703.0	26.86	6.50E-05	2.54E-05	-0.01	-0.03	0.03	244.31
13348.6	712.8	27.23	6.12E-05	2.55E-05	-0.09	0.07	0.12	144.80
13531.4	722.6	27.60	5.27E-05	2.29E-05	-0.20	0.02	0.20	173.10
13714.3	732.3	27.98	5.30E-05	2.01E-05	-0.24	-0.08	0.25	199.15
13897.1	742.1	28.35	5.56E-05	1.70E-05	-0.12	-0.07	0.14	210.99
14080.0	751.9	28.72	5.64E-05	1.56E-05	0.01	0.03	0.03	67.99
14262.9	761.6	29.10	5.79E-05	1.64E-05	-0.00	0.06	0.06	92.97
14445.7	771.4	29.47	5.67E-05	1.75E-05	-0.08	0.02	0.09	169.43
14628.6	781.2	29.84	5.28E-05	1.70E-05	-0.09	0.03	0.09	159.76
14811.4	790.9	30.22	5.11E-05	1.42E-05	0.02	0.07	0.07	70.89
14994.3	800.7	30.59	4.76E-05	1.25E-05	0.10	0.02	0.10	10.78
15177.1	810.5	30.96	4.12E-05	1.40E-05	0.07	-0.09	0.12	305.92

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00

$\alpha = \beta = 0°$

*******FREQUENCY*******			**********	SPECTRA	**********		*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.0	820.2	31.33	3.97E-05	1.43E-05	0.05	-0.12	0.13	293.90
15542.9	830.0	31.71	4.15E-05	1.25E-05	0.06	0.00	0.06	2.96
15725.7	839.8	32.08	4.14E-05	1.28E-05	0.08	0.09	0.12	48.20
15908.6	849.5	32.45	4.10E-05	1.38E-05	0.05	0.04	0.06	37.07
16091.4	859.3	32.83	3.89E-05	1.20E-05	-0.04	-0.01	0.04	201.69
16274.3	869.0	33.20	3.43E-05	9.07E-06	-0.02	-0.02	0.03	221.82
16457.1	878.8	33.57	3.35E-05	7.92E-06	0.08	-0.06	0.10	325.13
16640.0	888.6	33.95	3.94E-05	8.37E-06	0.07	-0.08	0.11	310.08
16822.9	898.3	34.32	4.44E-05	8.50E-06	0.04	-0.05	0.06	311.56
17005.7	908.1	34.69	4.20E-05	8.29E-06	0.03	0.04	0.05	53.63
17188.6	917.9	35.06	3.71E-05	8.90E-06	-0.02	0.09	0.09	104.59
17371.4	927.6	35.44	3.50E-05	9.39E-06	-0.06	0.03	0.07	151.35
17554.3	937.4	35.81	3.13E-05	8.80E-06	-0.03	-0.03	0.05	224.95
17737.1	947.2	36.18	3.04E-05	7.39E-06	0.01	0.04	0.04	70.47
17920.0	956.9	36.56	3.55E-05	6.55E-06	0.06	0.07	0.09	50.19
18102.9	966.7	36.93	3.57E-05	7.19E-06	0.07	-0.06	0.09	315.35
18285.7	976.5	37.30	3.15E-05	7.40E-06	0.07	-0.10	0.12	303.76

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 4.7722E-01 RII(0)= 5.4398E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.00	0.03	2.65E 00	-0.01	2.82E 00	0.00
174	2.72E 00	-0.01	0.02	2.63E 00	-0.01	2.81E 00	0.01
173	2.70E 00	-0.01	0.02	2.61E 00	-0.01	2.79E 00	0.01
172	2.69E 00	-0.01	0.01	2.60E 00	-0.01	2.78E 00	0.01
171	2.67E 00	-0.01	-0.01	2.58E 00	-0.01	2.76E 00	0.01
170	2.66E 00	-0.01	-0.03	2.57E 00	-0.01	2.74E 00	0.01
169	2.64E 00	-0.01	-0.04	2.55E 00	-0.01	2.73E 00	0.01
168	2.62E 00	-0.01	-0.05	2.54E 00	-0.02	2.71E 00	0.01
167	2.61E 00	-0.01	-0.05	2.52E 00	-0.03	2.70E 00	0.01
166	2.59E 00	-0.01	-0.05	2.51E 00	-0.03	2.68E 00	0.01
165	2.58E 00	-0.01	-0.05	2.49E 00	-0.02	2.67E 00	0.02
164	2.56E 00	-0.01	-0.05	2.47E 00	-0.02	2.65E 00	0.01
163	2.55E 00	-0.01	-0.03	2.46E 00	-0.02	2.64E 00	0.01
162	2.53E 00	-0.01	-0.01	2.44E 00	-0.02	2.62E 00	0.00
161	2.52E 00	-0.00	0.01	2.43E 00	-0.02	2.60E 00	-0.00
160	2.50E 00	0.00	0.03	2.41E 00	-0.02	2.59E 00	-0.00
159	2.48E 00	0.01	0.04	2.40E 00	-0.02	2.57E 00	-0.01
158	2.47E 00	0.02	0.05	2.38E 00	-0.02	2.56E 00	0.00
157	2.45E 00	0.01	0.06	2.36E 00	-0.03	2.54E 00	0.01
156	2.44E 00	0.01	0.07	2.35E 00	-0.03	2.53E 00	0.01
155	2.42E 00	0.01	0.06	2.33E 00	-0.02	2.51E 00	0.01
154	2.41E 00	0.01	0.05	2.32E 00	-0.01	2.49E 00	0.01
153	2.39E 00	0.01	0.04	2.30E 00	-0.01	2.48E 00	0.01
152	2.37E 00	0.00	0.03	2.29E 00	-0.01	2.46E 00	0.00
151	2.36E 00	0.00	0.02	2.27E 00	-0.02	2.45E 00	-0.00
150	2.34E 00	-0.00	0.00	2.26E 00	-0.02	2.43E 00	-0.01
149	2.33E 00	0.00	-0.02	2.24E 00	-0.02	2.42E 00	-0.01
148	2.31E 00	0.01	-0.04	2.22E 00	-0.02	2.40E 00	-0.01
147	2.30E 00	0.01	-0.05	2.21E 00	-0.02	2.39E 00	-0.01
146	2.28E 00	0.02	-0.06	2.19E 00	-0.03	2.37E 00	-0.01
145	2.27E 00	0.02	-0.06	2.18E 00	-0.02	2.35E 00	-0.01
144	2.25E 00	0.02	-0.07	2.16E 00	-0.01	2.34E 00	-0.02
143	2.23E 00	0.02	-0.06	2.15E 00	-0.01	2.32E 00	-0.03
142	2.22E 00	0.03	-0.05	2.13E 00	-0.02	2.31E 00	-0.04
141	2.20E 00	0.03	-0.03	2.11E 00	-0.02	2.29E 00	-0.05
140	2.19E 00	0.03	-0.01	2.10E 00	-0.01	2.28E 00	-0.05
139	2.17E 00	0.04	0.01	2.08E 00	-0.02	2.26E 00	-0.05
138	2.16E 00	0.04	0.02	2.07E 00	-0.02	2.24E 00	-0.04
137	2.14E 00	0.04	0.03	2.05E 00	-0.02	2.23E 00	-0.03
136	2.12E 00	0.04	0.03	2.04E 00	-0.03	2.21E 00	-0.03
135	2.11E 00	0.04	0.05	2.02E 00	-0.04	2.20E 00	-0.03
134	2.09E 00	0.04	0.06	2.01E 00	-0.04	2.18E 00	-0.03

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 4.7722E-01 RII(0)= 5.4398E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.04	0.07	1.99E 00	-0.03	2.17E 00	-0.02
132	2.06E 00	0.03	0.06	1.97E 00	-0.02	2.15E 00	-0.02
131	2.05E 00	0.03	0.06	1.96E 00	-0.02	2.14E 00	-0.02
130	2.03E 00	0.03	0.04	1.94E 00	-0.03	2.12E 00	-0.01
129	2.02E 00	0.03	0.03	1.93E 00	-0.02	2.10E 00	-0.00
128	2.00E 00	0.02	0.01	1.91E 00	-0.02	2.09E 00	0.01
127	1.98E 00	0.01	-0.00	1.90E 00	-0.02	2.07E 00	0.01
126	1.97E 00	0.01	-0.01	1.88E 00	-0.02	2.06E 00	0.01
125	1.95E 00	0.01	-0.01	1.86E 00	-0.01	2.04E 00	0.01
124	1.94E 00	0.01	-0.02	1.85E 00	-0.01	2.03E 00	0.01
123	1.92E 00	0.01	-0.03	1.83E 00	-0.02	2.01E 00	0.00
122	1.91E 00	0.01	-0.03	1.82E 00	-0.02	1.99E 00	-0.00
121	1.89E 00	0.01	-0.02	1.80E 00	-0.02	1.98E 00	-0.01
120	1.87E 00	0.00	-0.01	1.79E 00	-0.02	1.96E 00	-0.02
119	1.86E 00	0.01	-0.00	1.77E 00	-0.02	1.95E 00	-0.02
118	1.84E 00	0.01	0.01	1.76E 00	-0.02	1.93E 00	-0.02
117	1.83E 00	0.01	0.02	1.74E 00	-0.02	1.92E 00	-0.02
116	1.81E 00	0.02	0.03	1.72E 00	-0.02	1.90E 00	-0.02
115	1.80E 00	0.02	0.04	1.71E 00	-0.02	1.89E 00	-0.02
114	1.78E 00	0.02	0.05	1.69E 00	-0.03	1.87E 00	-0.02
113	1.77E 00	0.03	0.06	1.68E 00	-0.04	1.85E 00	-0.02
112	1.75E 00	0.03	0.07	1.66E 00	-0.05	1.84E 00	-0.01
111	1.73E 00	0.03	0.06	1.65E 00	-0.05	1.82E 00	0.01
110	1.72E 00	0.03	0.06	1.63E 00	-0.05	1.81E 00	0.01
109	1.70E 00	0.03	0.04	1.61E 00	-0.04	1.79E 00	0.01
108	1.69E 00	0.03	0.02	1.60E 00	-0.04	1.78E 00	0.01
107	1.67E 00	0.03	0.01	1.58E 00	-0.03	1.76E 00	0.01
106	1.66E 00	0.03	-0.00	1.57E 00	-0.03	1.74E 00	0.01
105	1.64E 00	0.03	-0.01	1.55E 00	-0.02	1.73E 00	0.01
104	1.62E 00	0.02	-0.02	1.54E 00	-0.02	1.71E 00	-0.00
103	1.61E 00	0.02	-0.02	1.52E 00	-0.02	1.70E 00	-0.00
102	1.59E 00	0.02	-0.03	1.51E 00	-0.02	1.68E 00	0.00
101	1.58E 00	0.02	-0.04	1.49E 00	-0.01	1.67E 00	0.01
100	1.56E 00	0.02	-0.05	1.47E 00	0.00	1.65E 00	0.01
99	1.55E 00	0.02	-0.05	1.46E 00	0.00	1.64E 00	0.00
98	1.53E 00	0.02	-0.05	1.44E 00	0.01	1.62E 00	0.00
97	1.52E 00	0.02	-0.03	1.43E 00	0.02	1.60E 00	0.00
96	1.50E 00	0.03	-0.02	1.41E 00	0.02	1.59E 00	0.01
95	1.48E 00	0.03	0.00	1.40E 00	0.02	1.57E 00	0.01
94	1.47E 00	0.04	0.02	1.38E 00	0.02	1.56E 00	0.01
93	1.45E 00	0.04	0.04	1.36E 00	0.02	1.54E 00	0.00
92	1.44E 00	0.05	0.06	1.35E 00	0.02	1.53E 00	-0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 4.7722E-01 RII(0)= 5.4398E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.05	0.08	1.33E 00	0.02	1.51E 00	-0.00
90	1.41E 00	0.04	0.08	1.32E 00	0.02	1.49E 00	0.00
89	1.39E 00	0.03	0.07	1.30E 00	0.01	1.48E 00	0.01
88	1.37E 00	0.03	0.06	1.29E 00	0.01	1.46E 00	0.02
87	1.36E 00	0.02	0.05	1.27E 00	0.02	1.45E 00	0.01
86	1.34E 00	0.01	0.03	1.26E 00	0.02	1.43E 00	0.01
85	1.33E 00	0.00	0.01	1.24E 00	0.02	1.42E 00	0.00
84	1.31E 00	-0.00	-0.00	1.22E 00	0.03	1.40E 00	0.01
83	1.30E 00	-0.01	-0.01	1.21E 00	0.05	1.39E 00	0.01
82	1.28E 00	-0.02	-0.02	1.19E 00	0.06	1.37E 00	0.02
81	1.27E 00	-0.02	-0.02	1.18E 00	0.06	1.35E 00	0.02
80	1.25E 00	-0.03	-0.02	1.16E 00	0.07	1.34E 00	0.02
79	1.23E 00	-0.03	-0.03	1.15E 00	0.08	1.32E 00	0.02
78	1.22E 00	-0.03	-0.03	1.13E 00	0.08	1.31E 00	0.02
77	1.20E 00	-0.04	-0.04	1.11E 00	0.08	1.29E 00	0.02
76	1.19E 00	-0.04	-0.04	1.10E 00	0.07	1.28E 00	0.01
75	1.17E 00	-0.04	-0.04	1.08E 00	0.07	1.26E 00	0.00
74	1.16E 00	-0.03	-0.03	1.07E 00	0.08	1.24E 00	-0.00
73	1.14E 00	-0.03	-0.02	1.05E 00	0.08	1.23E 00	-0.01
72	1.12E 00	-0.03	-0.00	1.04E 00	0.08	1.21E 00	-0.01
71	1.11E 00	-0.03	0.03	1.02E 00	0.08	1.20E 00	-0.01
70	1.09E 00	-0.04	0.05	1.01E 00	0.07	1.18E 00	-0.01
69	1.08E 00	-0.04	0.06	9.90E-01	0.07	1.17E 00	-0.01
68	1.06E 00	-0.05	0.07	9.74E-01	0.06	1.15E 00	-0.01
67	1.05E 00	-0.06	0.06	9.59E-01	0.06	1.14E 00	-0.00
66	1.03E 00	-0.06	0.04	9.43E-01	0.05	1.12E 00	-0.00
65	1.02E 00	-0.06	0.02	9.27E-01	0.05	1.10E 00	-0.00
64	10.00E-01	-0.07	-0.00	9.12E-01	0.04	1.09E 00	-0.01
63	9.84E-01	-0.08	-0.02	8.96E-01	0.04	1.07E 00	-0.01
62	9.69E-01	-0.08	-0.03	8.81E-01	0.03	1.06E 00	-0.00
61	9.53E-01	-0.08	-0.05	8.65E-01	0.03	1.04E 00	0.00
60	9.37E-01	-0.09	-0.06	8.49E-01	0.03	1.03E 00	0.01
59	9.22E-01	-0.09	-0.07	8.34E-01	0.03	1.01E 00	0.01
58	9.06E-01	-0.09	-0.06	8.18E-01	0.03	9.94E-01	0.00
57	8.91E-01	-0.09	-0.05	8.02E-01	0.02	9.79E-01	-0.01
56	8.75E-01	-0.09	-0.05	7.87E-01	0.02	9.63E-01	-0.02
55	8.59E-01	-0.09	-0.05	7.71E-01	0.02	9.48E-01	-0.03
54	8.44E-01	-0.08	-0.05	7.56E-01	0.01	9.32E-01	-0.03
53	8.28E-01	-0.08	-0.03	7.40E-01	0.01	9.16E-01	-0.03
52	8.12E-01	-0.07	-0.02	7.24E-01	0.00	9.01E-01	-0.03
51	7.97E-01	-0.06	-0.00	7.09E-01	-0.01	8.85E-01	-0.03
50	7.81E-01	-0.06	0.01	6.93E-01	-0.02	8.69E-01	-0.03

[redacted]

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 4.7722E-01 RII(0)= 5.4398E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	-0.07	0.03	6.77E-01	-0.03	8.54E-01	-0.03
48	7.50E-01	-0.07	0.05	6.62E-01	-0.04	8.38E-01	-0.03
47	7.34E-01	-0.07	0.07	6.46E-01	-0.05	8.23E-01	-0.03
46	7.19E-01	-0.08	0.08	6.31E-01	-0.06	8.07E-01	-0.03
45	7.03E-01	-0.08	0.07	6.15E-01	-0.07	7.91E-01	-0.03
44	6.87E-01	-0.08	0.05	5.99E-01	-0.08	7.76E-01	-0.02
43	6.72E-01	-0.08	0.03	5.84E-01	-0.08	7.60E-01	-0.01
42	6.56E-01	-0.10	0.00	5.68E-01	-0.09	7.44E-01	0.00
41	6.41E-01	-0.10	-0.02	5.52E-01	-0.10	7.29E-01	0.01
40	6.25E-01	-0.10	-0.05	5.37E-01	-0.12	7.13E-01	0.02
39	6.09E-01	-0.10	-0.07	5.21E-01	-0.13	6.98E-01	0.02
38	5.94E-01	-0.10	-0.07	5.06E-01	-0.15	6.82E-01	0.03
37	5.78E-01	-0.10	-0.08	4.90E-01	-0.16	6.66E-01	0.03
36	5.62E-01	-0.09	-0.09	4.74E-01	-0.16	6.51E-01	0.03
35	5.47E-01	-0.09	-0.10	4.59E-01	-0.16	6.35E-01	0.03
34	5.31E-01	-0.09	-0.10	4.43E-01	-0.16	6.19E-01	0.03
33	5.16E-01	-0.08	-0.09	4.27E-01	-0.16	6.04E-01	0.02
32	5.00E-01	-0.08	-0.08	4.12E-01	-0.16	5.88E-01	0.02
31	4.84E-01	-0.07	-0.07	3.96E-01	-0.16	5.73E-01	0.02
30	4.69E-01	-0.06	-0.05	3.81E-01	-0.15	5.57E-01	0.02
29	4.53E-01	-0.04	-0.03	3.65E-01	-0.15	5.41E-01	0.02
28	4.37E-01	-0.03	-0.00	3.49E-01	-0.14	5.26E-01	0.01
27	4.22E-01	-0.01	0.02	3.34E-01	-0.13	5.10E-01	0.01
26	4.06E-01	0.01	0.05	3.18E-01	-0.11	4.94E-01	-0.00
25	3.91E-01	0.03	0.08	3.02E-01	-0.10	4.79E-01	-0.00
24	3.75E-01	0.05	0.11	2.87E-01	-0.09	4.63E-01	-0.00
23	3.59E-01	0.07	0.12	2.71E-01	-0.07	4.48E-01	0.00
22	3.44E-01	0.08	0.12	2.56E-01	-0.06	4.32E-01	-0.01
21	3.28E-01	0.10	0.10	2.40E-01	-0.05	4.16E-01	-0.01
20	3.12E-01	0.12	0.07	2.24E-01	-0.05	4.01E-01	-0.01
19	2.97E-01	0.13	0.03	2.09E-01	-0.04	3.85E-01	-0.01
18	2.81E-01	0.14	-0.01	1.93E-01	-0.03	3.69E-01	-0.01
17	2.66E-01	0.15	-0.05	1.77E-01	-0.02	3.54E-01	-0.00
16	2.50E-01	0.17	-0.08	1.62E-01	-0.01	3.38E-01	-0.00
15	2.34E-01	0.18	-0.10	1.46E-01	-0.01	3.23E-01	0.00
14	2.19E-01	0.21	-0.11	1.31E-01	-0.00	3.07E-01	0.00
13	2.03E-01	0.23	-0.11	1.15E-01	0.01	2.91E-01	-0.00
12	1.87E-01	0.26	-0.11	9.93E-02	0.01	2.76E-01	0.00
11	1.72E-01	0.29	-0.11	8.37E-02	0.02	2.60E-01	0.00
10	1.56E-01	0.32	-0.10	6.81E-02	0.02	2.44E-01	-0.00
9	1.41E-01	0.35	-0.08	5.24E-02	0.02	2.29E-01	-0.00
8	1.25E-01	0.39	-0.06	3.68E-02	0.02	2.13E-01	-0.01

[redacted]

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 4.7722E-01 RII(0)= 5.4398E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.42	-0.02	2.12E-02	0.02	1.98E-01	-0.01
6	9.37E-02	0.45	0.03	5.56E-03	0.02	1.82E-01	-0.01
5	7.81E-02	0.49	0.10	-1.01E-02	0.02	1.66E-01	-0.00
4	6.25E-02	0.53	0.20	-2.57E-02	0.03	1.51E-01	0.00
3	4.69E-02	0.57	0.32	-4.13E-02	0.03	1.35E-01	0.01
2	3.12E-02	0.66	0.52	-5.69E-02	0.03	1.19E-01	0.01
1	1.56E-02	0.87	0.82	-7.26E-02	0.02	1.04E-01	0.01
0	0.	1.00	1.00	-8.82E-02	0.02	8.82E-02	0.02

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	1.01E-03	3.59E-05	-0.32	0.	0.32	180.00
182.9	9.8	0.37	2.20E-03	6.74E-05	-0.31	-0.08	0.32	195.18
365.7	19.5	0.75	2.89E-03	7.96E-05	-0.27	-0.20	0.34	217.08
548.6	29.3	1.12	3.43E-03	1.04E-04	-0.10	-0.35	0.36	253.53
731.4	39.1	1.49	3.03E-03	1.06E-04	0.17	-0.44	0.47	291.22
914.3	48.8	1.87	2.20E-03	9.91E-05	0.37	-0.27	0.46	324.31
1097.1	58.6	2.24	1.61E-03	9.34E-05	0.40	0.09	0.41	11.98
1280.0	68.4	2.61	1.34E-03	8.78E-05	0.33	0.28	0.43	40.32
1462.9	78.1	2.98	1.05E-03	9.16E-05	0.30	0.29	0.42	44.20
1645.7	87.9	3.36	6.97E-04	8.65E-05	0.28	0.26	0.39	43.39
1828.6	97.6	3.73	5.35E-04	7.66E-05	0.13	0.21	0.25	57.26
2011.4	107.4	4.10	4.80E-04	8.66E-05	-0.04	0.09	0.10	116.70
2194.3	117.2	4.48	4.70E-04	1.08E-04	-0.18	0.04	0.18	166.45
2377.1	126.9	4.85	5.00E-04	1.27E-04	-0.20	-0.01	0.20	181.83
2560.0	136.7	5.22	5.49E-04	1.53E-04	-0.12	-0.03	0.12	195.18
2742.9	146.5	5.60	6.30E-04	2.12E-04	0.05	0.04	0.06	40.84
2925.7	156.2	5.97	5.43E-04	2.10E-04	0.11	0.03	0.12	16.00
3108.6	166.0	6.34	3.34E-04	1.16E-04	0.05	-0.07	0.09	306.74
3291.4	175.8	6.71	2.79E-04	6.99E-05	0.03	-0.16	0.16	279.29
3474.3	185.5	7.09	3.24E-04	6.86E-05	0.04	-0.10	0.10	290.04
3657.1	195.3	7.46	3.12E-04	6.61E-05	0.04	0.02	0.04	32.32
3840.0	205.1	7.83	2.45E-04	6.21E-05	0.10	0.02	0.10	9.36
4022.9	214.8	8.21	2.12E-04	5.46E-05	0.05	-0.09	0.10	299.31
4205.7	224.6	8.58	2.04E-04	4.97E-05	-0.01	-0.02	0.03	234.78
4388.6	234.3	8.95	1.82E-04	4.63E-05	0.02	0.04	0.05	67.65
4571.4	244.1	9.33	1.70E-04	4.70E-05	-0.03	-0.03	0.04	229.85
4754.3	253.9	9.70	1.84E-04	5.07E-05	-0.07	-0.06	0.10	222.15
4937.1	263.6	10.07	2.08E-04	5.03E-05	-0.04	-0.07	0.08	241.87
5120.0	273.4	10.44	2.16E-04	4.44E-05	-0.02	-0.00	0.02	185.97
5302.9	283.2	10.82	2.18E-04	4.78E-05	-0.05	0.12	0.13	110.98
5485.7	292.9	11.19	2.18E-04	6.40E-05	-0.06	0.07	0.09	132.61
5668.6	302.7	11.56	2.06E-04	7.07E-05	-0.03	0.00	0.03	179.40
5851.4	312.5	11.94	1.87E-04	5.63E-05	-0.00	0.03	0.03	91.83
6034.3	322.2	12.31	1.94E-04	3.95E-05	-0.01	-0.00	0.01	196.68
6217.1	332.0	12.68	2.08E-04	3.72E-05	-0.06	-0.08	0.11	232.20
6400.0	341.8	13.06	1.90E-04	4.01E-05	-0.13	-0.08	0.15	210.60
6582.9	351.5	13.43	1.61E-04	3.79E-05	-0.09	0.05	0.10	150.05
6765.7	361.3	13.80	1.57E-04	3.57E-05	0.12	0.08	0.14	34.18
6948.6	371.1	14.18	1.73E-04	3.21E-05	0.17	0.01	0.18	3.29
7131.4	380.8	14.55	1.77E-04	2.78E-05	0.07	-0.01	0.07	348.55
7314.3	390.6	14.92	1.70E-04	2.71E-05	-0.04	-0.07	0.08	244.35
7497.1	400.3	15.29	1.58E-04	2.52E-05	-0.03	-0.02	0.04	208.39

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.0	410.1	15.67	1.53E-04	2.21E-05	0.02	0.09	0.09	79.38
7862.9	419.9	16.04	1.49E-04	2.16E-05	-0.03	0.06	0.07	119.43
8045.7	429.6	16.41	1.35E-04	2.49E-05	-0.04	0.00	0.04	175.18
8228.6	439.4	16.79	1.32E-04	2.74E-05	-0.00	-0.04	0.04	267.48
8411.4	449.2	17.16	1.35E-04	2.66E-05	-0.06	-0.08	0.09	233.47
8594.3	458.9	17.53	1.34E-04	2.61E-05	-0.06	-0.04	0.07	213.67
8777.1	468.7	17.91	1.35E-04	2.36E-05	0.05	0.04	0.07	39.56
8960.0	478.5	18.28	1.33E-04	2.05E-05	0.12	-0.01	0.12	357.10
9142.9	488.2	18.65	1.26E-04	2.12E-05	0.04	-0.08	0.09	294.82
9325.7	498.0	19.02	1.13E-04	1.98E-05	-0.03	-0.04	0.05	232.64
9508.6	507.8	19.40	1.09E-04	1.69E-05	-0.03	-0.06	0.06	245.49
9691.4	517.5	19.77	1.24E-04	1.73E-05	-0.05	-0.06	0.08	227.16
9874.3	527.3	20.14	1.35E-04	1.79E-05	-0.07	-0.02	0.08	196.26
10057.1	537.1	20.52	1.28E-04	1.83E-05	-0.08	-0.01	0.08	189.88
10240.0	546.8	20.89	1.13E-04	1.83E-05	-0.08	-0.04	0.09	204.41
10422.9	556.6	21.26	1.07E-04	1.74E-05	-0.09	-0.05	0.10	207.56
10605.7	566.3	21.64	1.03E-04	1.60E-05	-0.03	0.03	0.04	127.76
10788.6	576.1	22.01	1.05E-04	1.45E-05	0.10	0.12	0.16	50.70
10971.4	585.9	22.38	1.02E-04	1.51E-05	0.11	0.04	0.11	21.53
11154.3	595.6	22.75	9.20E-05	1.63E-05	0.01	-0.02	0.02	301.37
11337.1	605.4	23.13	9.27E-05	1.54E-05	-0.01	0.07	0.07	95.97
11520.0	615.2	23.50	9.26E-05	1.29E-05	0.07	0.02	0.07	17.58
11702.9	624.9	23.87	9.13E-05	1.15E-05	-0.03	-0.04	0.05	230.89
11885.7	634.7	24.25	8.73E-05	1.22E-05	-0.13	0.05	0.14	158.09
12068.6	644.5	24.62	7.41E-05	1.25E-05	-0.08	0.08	0.11	135.11
12251.4	654.2	24.99	6.61E-05	1.23E-05	-0.03	0.09	0.10	109.20
12434.3	664.0	25.37	7.19E-05	1.21E-05	0.03	0.08	0.09	70.62
12617.1	673.8	25.74	7.83E-05	1.07E-05	0.03	0.04	0.05	50.62
12800.0	683.5	26.11	7.93E-05	8.43E-06	-0.01	0.04	0.04	102.85
12982.9	693.3	26.49	7.88E-05	6.94E-06	0.04	0.05	0.06	53.90
13165.7	703.0	26.86	7.41E-05	8.48E-06	0.07	0.02	0.07	17.39
13348.6	712.8	27.23	7.01E-05	1.11E-05	0.07	0.00	0.07	2.20
13531.4	722.6	27.60	6.93E-05	1.17E-05	0.03	0.06	0.07	62.45
13714.3	732.3	27.98	7.07E-05	1.06E-05	-0.01	0.04	0.04	99.95
13897.1	742.1	28.35	7.16E-05	9.71E-06	-0.03	-0.11	0.11	254.68
14080.0	751.9	28.72	6.61E-05	8.39E-06	-0.03	-0.10	0.11	253.60
14262.9	761.6	29.10	6.10E-05	7.11E-06	-0.04	0.03	0.05	135.72
14445.7	771.4	29.47	6.39E-05	6.96E-06	-0.15	0.03	0.15	170.17
14628.6	781.2	29.84	6.99E-05	7.44E-06	-0.19	-0.01	0.19	183.01
14811.4	790.9	30.22	6.63E-05	7.32E-06	-0.14	-0.02	0.14	187.22
14994.3	800.7	30.59	5.56E-05	6.13E-06	-0.06	-0.08	0.10	233.92
15177.1	810.5	30.96	5.39E-05	6.14E-06	0.03	-0.12	0.12	283.38

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.0	820.2	31.33	5.66E-05	6.89E-06	0.01	-0.13	0.13	276.05
15542.9	830.0	31.71	5.78E-05	6.51E-06	0.00	-0.14	0.14	270.58
15725.7	839.8	32.08	6.24E-05	6.01E-06	0.05	-0.06	0.07	309.09
15908.6	849.5	32.45	6.10E-05	5.74E-06	0.06	-0.01	0.06	348.87
16091.4	859.3	32.83	5.78E-05	5.88E-06	0.05	-0.09	0.10	300.51
16274.3	869.0	33.20	5.51E-05	6.06E-06	-0.00	-0.10	0.10	268.81
16457.1	878.8	33.57	4.53E-05	5.27E-06	-0.02	-0.08	0.09	254.82
16640.0	888.6	33.95	4.03E-05	4.68E-06	0.04	-0.08	0.09	295.88
16822.9	898.3	34.32	3.89E-05	5.03E-06	-0.01	-0.01	0.01	210.95
17005.7	908.1	34.69	3.34E-05	4.89E-06	-0.08	0.04	0.09	150.07
17188.6	917.9	35.06	3.23E-05	4.44E-06	-0.05	0.08	0.09	125.25
17371.4	927.6	35.44	3.90E-05	4.31E-06	-0.02	0.09	0.09	103.13
17554.3	937.4	35.81	4.63E-05	4.17E-06	0.04	0.11	0.12	69.05
17737.1	947.2	36.18	4.62E-05	4.15E-06	0.07	0.11	0.13	57.86
17920.0	956.9	36.56	4.06E-05	4.14E-06	0.02	0.00	0.02	14.98
18102.9	966.7	36.93	3.74E-05	3.94E-06	0.04	-0.02	0.05	329.98
18285.7	976.5	37.30	3.37E-05	3.76E-06	0.06	0.09	0.11	54.38

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 4.7610E-01 RII(0)= 3.5864E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.01	-0.00	2.64E 00	-0.04	2.82E 00	0.00
174	2.72E 00	-0.01	-0.01	2.63E 00	-0.04	2.81E 00	0.00
173	2.70E 00	-0.01	-0.02	2.61E 00	-0.03	2.79E 00	0.01
172	2.69E 00	-0.01	-0.03	2.60E 00	-0.02	2.78E 00	0.01
171	2.67E 00	-0.01	-0.04	2.58E 00	-0.02	2.76E 00	0.00
170	2.66E 00	-0.01	-0.04	2.57E 00	-0.01	2.75E 00	0.00
169	2.64E 00	0.00	-0.03	2.55E 00	-0.01	2.73E 00	-0.00
168	2.62E 00	0.01	-0.03	2.53E 00	-0.01	2.72E 00	-0.01
167	2.61E 00	0.01	-0.03	2.52E 00	-0.01	2.70E 00	-0.01
166	2.59E 00	0.00	-0.02	2.50E 00	-0.01	2.68E 00	-0.01
165	2.58E 00	0.00	-0.02	2.49E 00	-0.01	2.67E 00	-0.01
164	2.56E 00	-0.00	-0.01	2.47E 00	-0.01	2.65E 00	-0.02
163	2.55E 00	0.00	0.00	2.46E 00	-0.00	2.64E 00	-0.02
162	2.53E 00	0.01	0.01	2.44E 00	0.00	2.62E 00	-0.03
161	2.52E 00	0.01	0.03	2.43E 00	0.00	2.61E 00	-0.04
160	2.50E 00	0.02	0.04	2.41E 00	0.01	2.59E 00	-0.05
159	2.48E 00	0.02	0.05	2.39E 00	0.01	2.57E 00	-0.05
158	2.47E 00	0.03	0.05	2.38E 00	0.01	2.56E 00	-0.04
157	2.45E 00	0.03	0.06	2.36E 00	0.01	2.54E 00	-0.03
156	2.44E 00	0.02	0.06	2.35E 00	0.01	2.53E 00	-0.03
155	2.42E 00	0.02	0.05	2.33E 00	0.01	2.51E 00	-0.03
154	2.41E 00	0.02	0.03	2.32E 00	0.01	2.50E 00	-0.03
153	2.39E 00	0.03	0.02	2.30E 00	0.01	2.48E 00	-0.03
152	2.37E 00	0.03	-0.00	2.28E 00	0.02	2.47E 00	-0.02
151	2.36E 00	0.03	-0.02	2.27E 00	0.03	2.45E 00	-0.00
150	2.34E 00	0.02	-0.03	2.25E 00	0.03	2.43E 00	0.00
149	2.33E 00	0.03	-0.05	2.24E 00	0.04	2.42E 00	0.00
148	2.31E 00	0.02	-0.05	2.22E 00	0.03	2.40E 00	0.01
147	2.30E 00	0.02	-0.05	2.21E 00	0.03	2.39E 00	0.02
146	2.28E 00	0.03	-0.05	2.19E 00	0.03	2.37E 00	0.01
145	2.27E 00	0.03	-0.05	2.18E 00	0.03	2.36E 00	0.01
144	2.25E 00	0.04	-0.05	2.16E 00	0.03	2.34E 00	-0.00
143	2.23E 00	0.04	-0.05	2.14E 00	0.04	2.32E 00	-0.00
142	2.22E 00	0.04	-0.05	2.13E 00	0.04	2.31E 00	-0.00
141	2.20E 00	0.04	-0.04	2.11E 00	0.04	2.29E 00	-0.00
140	2.19E 00	0.04	-0.03	2.10E 00	0.04	2.28E 00	-0.00
139	2.17E 00	0.04	-0.02	2.08E 00	0.05	2.26E 00	-0.00
138	2.16E 00	0.05	0.00	2.07E 00	0.05	2.25E 00	-0.00
137	2.14E 00	0.05	0.02	2.05E 00	0.05	2.23E 00	-0.00
136	2.12E 00	0.05	0.04	2.03E 00	0.04	2.22E 00	0.00
135	2.11E 00	0.05	0.05	2.02E 00	0.04	2.20E 00	0.00
134	2.09E 00	0.05	0.06	2.00E 00	0.03	2.18E 00	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 4.7610E-01 RII(0)= 3.5864E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.05	0.05	1.99E 00	0.03	2.17E 00	0.00
132	2.06E 00	0.05	0.04	1.97E 00	0.03	2.15E 00	0.01
131	2.05E 00	0.04	0.03	1.96E 00	0.02	2.14E 00	0.01
130	2.03E 00	0.04	0.01	1.94E 00	0.02	2.12E 00	0.01
129	2.02E 00	0.03	-0.01	1.93E 00	0.01	2.11E 00	0.01
128	2.00E 00	0.03	-0.03	1.91E 00	0.00	2.09E 00	0.02
127	1.98E 00	0.03	-0.04	1.89E 00	-0.00	2.07E 00	0.02
126	1.97E 00	0.02	-0.06	1.88E 00	-0.01	2.06E 00	0.02
125	1.95E 00	0.01	-0.06	1.86E 00	-0.01	2.04E 00	0.02
124	1.94E 00	0.01	-0.07	1.85E 00	-0.01	2.03E 00	0.03
123	1.92E 00	0.02	-0.07	1.83E 00	-0.01	2.01E 00	0.03
122	1.91E 00	0.02	-0.07	1.82E 00	-0.01	2.00E 00	0.03
121	1.89E 00	0.02	-0.07	1.80E 00	-0.00	1.98E 00	0.03
120	1.87E 00	0.02	-0.08	1.78E 00	-0.01	1.97E 00	0.03
119	1.86E 00	0.02	-0.07	1.77E 00	-0.01	1.95E 00	0.03
118	1.84E 00	0.02	-0.06	1.75E 00	-0.01	1.93E 00	0.02
117	1.83E 00	0.01	-0.04	1.74E 00	-0.00	1.92E 00	0.02
116	1.81E 00	0.01	-0.01	1.72E 00	-0.00	1.90E 00	0.02
115	1.80E 00	0.01	0.03	1.71E 00	-0.00	1.89E 00	0.01
114	1.78E 00	0.01	0.06	1.69E 00	-0.01	1.87E 00	0.00
113	1.77E 00	0.01	0.09	1.68E 00	-0.02	1.86E 00	-0.01
112	1.75E 00	0.01	0.10	1.66E 00	-0.02	1.84E 00	-0.02
111	1.73E 00	0.01	0.11	1.64E 00	-0.01	1.82E 00	-0.02
110	1.72E 00	0.01	0.09	1.63E 00	-0.01	1.81E 00	-0.02
109	1.70E 00	0.00	0.07	1.61E 00	-0.01	1.79E 00	-0.02
108	1.69E 00	-0.01	0.05	1.60E 00	-0.01	1.78E 00	-0.02
107	1.67E 00	-0.02	0.03	1.58E 00	-0.02	1.76E 00	-0.02
106	1.66E 00	-0.02	0.01	1.57E 00	-0.02	1.75E 00	-0.02
105	1.64E 00	-0.02	-0.00	1.55E 00	-0.02	1.73E 00	-0.02
104	1.62E 00	-0.02	-0.01	1.53E 00	-0.02	1.72E 00	-0.02
103	1.61E 00	-0.02	-0.02	1.52E 00	-0.02	1.70E 00	-0.03
102	1.59E 00	-0.02	-0.03	1.50E 00	-0.02	1.68E 00	-0.02
101	1.58E 00	-0.03	-0.04	1.49E 00	-0.02	1.67E 00	-0.01
100	1.56E 00	-0.02	-0.04	1.47E 00	-0.02	1.65E 00	-0.01
99	1.55E 00	-0.02	-0.05	1.46E 00	-0.01	1.64E 00	-0.01
98	1.53E 00	-0.01	-0.05	1.44E 00	-0.01	1.62E 00	-0.01
97	1.52E 00	-0.00	-0.05	1.43E 00	-0.01	1.61E 00	-0.00
96	1.50E 00	-0.00	-0.04	1.41E 00	-0.01	1.59E 00	0.00
95	1.48E 00	-0.00	-0.02	1.39E 00	-0.01	1.57E 00	0.01
94	1.47E 00	0.00	-0.00	1.38E 00	-0.01	1.56E 00	0.01
93	1.45E 00	0.01	0.03	1.36E 00	-0.01	1.54E 00	0.01
92	1.44E 00	0.01	0.06	1.35E 00	-0.01	1.53E 00	0.00

CORRELATICN DATA

APCLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 4.7610E-01 RII(0)= 3.5864E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.01	0.08	1.33E 00	-0.02	1.51E 00	-0.00
90	1.41E 00	0.01	0.09	1.32E 00	-0.03	1.50E 00	-0.01
89	1.39E 00	0.00	0.10	1.30E 00	-0.03	1.48E 00	-0.01
88	1.37E 00	-0.00	0.08	1.28E 00	-0.03	1.47E 00	-0.01
87	1.36E 00	-0.01	0.06	1.27E 00	-0.03	1.45E 00	-0.01
86	1.34E 00	-0.01	0.04	1.25E 00	-0.04	1.43E 00	-0.01
85	1.33E 00	-0.02	0.01	1.24E 00	-0.04	1.42E 00	-0.02
84	1.31E 00	-0.03	-0.02	1.22E 00	-0.05	1.40E 00	-0.01
83	1.30E 00	-0.04	-0.04	1.21E 00	-0.06	1.39E 00	-0.01
82	1.28E 00	-0.04	-0.05	1.19E 00	-0.08	1.37E 00	-0.00
81	1.27E 00	-0.04	-0.06	1.18E 00	-0.09	1.36E 00	-0.00
80	1.25E 00	-0.04	-0.06	1.16E 00	-0.09	1.34E 00	0.00
79	1.23E 00	-0.04	-0.07	1.14E 00	-0.10	1.32E 00	0.01
78	1.22E 00	-0.04	-0.07	1.13E 00	-0.11	1.31E 00	0.01
77	1.20E 00	-0.04	-0.07	1.11E 00	-0.12	1.29E 00	0.01
76	1.19E 00	-0.04	-0.06	1.10E 00	-0.13	1.28E 00	0.01
75	1.17E 00	-0.04	-0.05	1.08E 00	-0.13	1.26E 00	0.01
74	1.16E 00	-0.04	-0.04	1.07E 00	-0.13	1.25E 00	0.02
73	1.14E 00	-0.04	-0.02	1.05E 00	-0.13	1.23E 00	0.02
72	1.12E 00	-0.05	0.01	1.03E 00	-0.12	1.22E 00	0.02
71	1.11E 00	-0.06	0.04	1.02E 00	-0.12	1.20E 00	0.02
70	1.09E 00	-0.06	0.06	1.00E 00	-0.11	1.18E 00	0.02
69	1.08E 00	-0.06	0.09	9.88E-01	-0.11	1.17E 00	0.02
68	1.06E 00	-0.06	0.10	9.72E-01	-0.09	1.15E 00	0.02
67	1.05E 00	-0.06	0.10	9.57E-01	-0.09	1.14E 00	0.02
66	1.03E 00	-0.06	0.09	9.41E-01	-0.08	1.12E 00	0.02
65	1.02E 00	-0.06	0.07	9.26E-01	-0.06	1.11E 00	0.02
64	10.00E-01	-0.06	0.05	9.10E-01	-0.05	1.09E 00	0.01
63	9.84E-01	-0.07	0.01	8.94E-01	-0.04	1.07E 00	0.00
62	9.69E-01	-0.07	-0.02	8.79E-01	-0.02	1.06E 00	-0.01
61	9.53E-01	-0.07	-0.04	8.63E-01	-0.00	1.04E 00	-0.01
60	9.37E-01	-0.07	-0.06	8.47E-01	0.00	1.03E 00	-0.00
59	9.22E-01	-0.07	-0.08	8.32E-01	0.01	1.01E 00	0.00
58	9.06E-01	-0.07	-0.09	8.16E-01	0.02	9.96E-01	0.01
57	8.91E-01	-0.07	-0.10	8.01E-01	0.03	9.81E-01	0.01
56	8.75E-01	-0.06	-0.10	7.85E-01	0.04	9.65E-01	0.01
55	8.59E-01	-0.06	-0.09	7.69E-01	0.05	9.49E-01	0.01
54	8.44E-01	-0.06	-0.09	7.54E-01	0.05	9.34E-01	0.02
53	8.28E-01	-0.06	-0.07	7.38E-01	0.06	9.18E-01	0.02
52	8.12E-01	-0.05	-0.06	7.22E-01	0.06	9.03E-01	0.02
51	7.97E-01	-0.04	-0.04	7.07E-01	0.06	8.87E-01	0.03
50	7.81E-01	-0.04	0.00	6.91E-01	0.06	8.71E-01	0.04

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 4.7610E-01 RII(0)= 3.5864E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	-0.04	0.05	6.76E-01	0.06	8.56E-01	0.03
48	7.50E-01	-0.03	0.09	6.60E-01	0.06	8.40E-01	0.03
47	7.34E-01	-0.03	0.12	6.44E-01	0.06	8.24E-01	0.03
46	7.19E-01	-0.03	0.15	6.29E-01	0.06	8.09E-01	0.03
45	7.03E-01	-0.03	0.15	6.13E-01	0.06	7.93E-01	0.02
44	6.87E-01	-0.03	0.15	5.97E-01	0.06	7.78E-01	0.03
43	6.72E-01	-0.04	0.13	5.82E-01	0.06	7.62E-01	0.03
42	6.56E-01	-0.04	0.09	5.66E-01	0.06	7.46E-01	0.02
41	6.41E-01	-0.04	0.05	5.51E-01	0.05	7.31E-01	0.02
40	6.25E-01	-0.04	0.01	5.35E-01	0.05	7.15E-01	0.03
39	6.09E-01	-0.06	-0.03	5.19E-01	0.05	6.99E-01	0.03
38	5.94E-01	-0.07	-0.06	5.04E-01	0.05	6.84E-01	0.03
37	5.78E-01	-0.07	-0.09	4.88E-01	0.05	6.68E-01	0.03
36	5.62E-01	-0.07	-0.11	4.72E-01	0.05	6.53E-01	0.03
35	5.47E-01	-0.07	-0.13	4.57E-01	0.05	6.37E-01	0.04
34	5.31E-01	-0.07	-0.14	4.41E-01	0.05	6.21E-01	0.04
33	5.16E-01	-0.06	-0.14	4.26E-01	0.05	6.06E-01	0.03
32	5.00E-01	-0.06	-0.12	4.10E-01	0.05	5.90E-01	0.03
31	4.84E-01	-0.05	-0.11	3.94E-01	0.05	5.74E-01	0.02
30	4.69E-01	-0.04	-0.09	3.79E-01	0.05	5.59E-01	0.01
29	4.53E-01	-0.03	-0.07	3.63E-01	0.05	5.43E-01	0.01
28	4.37E-01	-0.02	-0.04	3.47E-01	0.05	5.28E-01	0.00
27	4.22E-01	-0.00	0.01	3.32E-01	0.05	5.12E-01	-0.00
26	4.06E-01	0.02	0.06	3.16E-01	0.04	4.96E-01	-0.01
25	3.91E-01	0.03	0.11	3.01E-01	0.04	4.81E-01	-0.01
24	3.75E-01	0.05	0.15	2.85E-01	0.03	4.65E-01	-0.00
23	3.59E-01	0.06	0.18	2.69E-01	0.03	4.49E-01	0.00
22	3.44E-01	0.07	0.17	2.54E-01	0.02	4.34E-01	0.01
21	3.28E-01	0.08	0.14	2.38E-01	0.01	4.18E-01	0.01
20	3.12E-01	0.09	0.09	2.22E-01	0.01	4.03E-01	0.01
19	2.97E-01	0.11	0.03	2.07E-01	0.01	3.87E-01	0.02
18	2.81E-01	0.14	-0.03	1.91E-01	0.01	3.71E-01	0.02
17	2.66E-01	0.16	-0.09	1.76E-01	0.01	3.56E-01	0.02
16	2.50E-01	0.18	-0.13	1.60E-01	0.01	3.40E-01	0.01
15	2.34E-01	0.20	-0.17	1.44E-01	0.02	3.24E-01	0.01
14	2.19E-01	0.22	-0.19	1.29E-01	0.02	3.09E-01	0.01
13	2.03E-01	0.24	-0.21	1.13E-01	0.02	2.93E-01	0.01
12	1.87E-01	0.27	-0.20	9.74E-02	0.03	2.78E-01	0.01
11	1.72E-01	0.30	-0.19	8.18E-02	0.02	2.62E-01	0.00
10	1.56E-01	0.34	-0.16	6.62E-02	0.02	2.46E-01	-0.00
9	1.41E-01	0.37	-0.13	5.05E-02	0.01	2.31E-01	-0.01
8	1.25E-01	0.40	-0.08	3.49E-02	0.02	2.15E-01	-0.01

CORRELATICN DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 4.7610E-01 RII(0)= 3.5864E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.44	-0.02	1.93E-02	0.02	1.99E-01	-0.01
6	9.37E-02	0.47	0.07	3.67E-03	0.02	1.84E-01	-0.01
5	7.81E-02	0.51	0.17	-1.20E-02	0.02	1.68E-01	-0.01
4	6.25E-02	0.56	0.32	-2.76E-02	0.02	1.53E-01	-0.01
3	4.69E-02	0.60	0.48	-4.32E-02	0.02	1.37E-01	-0.00
2	3.12E-02	0.68	0.63	-5.88E-02	0.02	1.21E-01	0.00
1	1.56E-02	0.87	0.86	-7.45E-02	0.01	1.06E-01	0.01
0	0.	1.00	1.00	-9.01E-02	0.01	9.01E-02	0.01

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	1.11E-03	2.50E-05	0.20	-0.	0.20	360.00
182.9	9.8	0.37	2.49E-03	5.24E-05	0.24	-0.16	0.28	326.22
365.7	19.5	0.75	3.13E-03	5.45E-05	0.25	-0.02	0.25	355.27
548.6	29.3	1.12	3.24E-03	6.12E-05	0.06	0.22	0.23	75.76
731.4	39.1	1.49	2.67E-03	6.73E-05	-0.20	0.28	0.34	125.84
914.3	48.8	1.87	2.16E-03	6.54E-05	-0.25	0.08	0.27	161.84
1097.1	58.6	2.24	1.74E-03	7.41E-05	-0.13	-0.15	0.20	230.21
1280.0	68.4	2.61	1.48E-03	8.30E-05	0.10	-0.15	0.18	302.05
1462.9	78.1	2.98	1.26E-03	8.00E-05	0.25	0.01	0.25	1.34
1645.7	87.9	3.36	8.63E-04	8.02E-05	0.09	0.12	0.15	52.51
1828.6	97.6	3.73	5.62E-04	8.00E-05	-0.14	0.08	0.16	150.74
2011.4	107.4	4.10	4.66E-04	7.03E-05	-0.15	-0.09	0.18	210.95
2194.3	117.2	4.48	4.49E-04	7.24E-05	-0.01	-0.11	0.11	265.54
2377.1	126.9	4.85	4.40E-04	8.87E-05	0.17	0.04	0.18	13.82
2560.0	136.7	5.22	4.90E-04	1.19E-04	0.15	0.04	0.16	15.37
2742.9	146.5	5.60	5.81E-04	1.90E-04	0.03	0.01	0.03	20.86
2925.7	156.2	5.97	5.02E-04	2.04E-04	0.03	0.04	0.05	58.80
3108.6	166.0	6.34	3.37E-04	1.17E-04	0.09	0.05	0.10	28.80
3291.4	175.8	6.71	3.05E-04	5.72E-05	0.15	-0.03	0.15	347.91
3474.3	185.5	7.09	2.90E-04	4.54E-05	0.10	-0.07	0.13	325.11
3657.1	195.3	7.46	2.23E-04	3.59E-05	-0.02	-0.09	0.09	257.07
3840.0	205.1	7.83	1.99E-04	2.90E-05	-0.16	-0.11	0.20	213.20
4022.9	214.8	8.21	2.34E-04	2.77E-05	-0.18	0.00	0.18	179.37
4205.7	224.6	8.58	2.67E-04	2.67E-05	-0.13	0.09	0.16	144.68
4388.6	234.3	8.95	2.51E-04	2.50E-05	-0.07	0.11	0.13	124.19
4571.4	244.1	9.33	2.22E-04	2.29E-05	-0.04	0.01	0.04	168.53
4754.3	253.9	9.70	2.18E-04	2.14E-05	-0.07	-0.09	0.12	229.96
4937.1	263.6	10.07	2.20E-04	2.32E-05	-0.01	-0.03	0.03	247.51
5120.0	273.4	10.44	2.14E-04	2.54E-05	0.04	-0.02	0.04	326.76
5302.9	283.2	10.82	1.99E-04	2.51E-05	-0.02	-0.09	0.09	260.38
5485.7	292.9	11.19	1.74E-04	3.30E-05	-0.05	-0.10	0.12	244.25
5668.6	302.7	11.56	1.77E-04	4.59E-05	-0.01	-0.06	0.06	261.59
5851.4	312.5	11.94	1.88E-04	3.78E-05	0.00	-0.03	0.03	271.86
6034.3	322.2	12.31	1.66E-04	2.19E-05	-0.03	-0.03	0.04	221.92
6217.1	332.0	12.68	1.46E-04	1.97E-05	0.01	-0.06	0.06	274.78
6400.0	341.8	13.06	1.46E-04	1.84E-05	-0.00	-0.08	0.08	268.93
6582.9	351.5	13.43	1.42E-04	1.49E-05	0.01	-0.03	0.04	288.88
6765.7	361.3	13.80	1.44E-04	1.40E-05	0.10	-0.00	0.10	359.64
6948.6	371.1	14.18	1.54E-04	1.29E-05	0.12	-0.01	0.12	355.96
7131.4	380.8	14.55	1.53E-04	1.13E-05	0.13	0.00	0.13	0.72
7314.3	390.6	14.92	1.58E-04	1.03E-05	0.06	0.02	0.06	13.82
7497.1	400.3	15.29	1.76E-04	9.42E-06	-0.06	-0.00	0.06	180.18

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.0	410.1	15.67	1.77E-04	9.52E-06	-0.08	-0.01	0.08	188.30
7862.9	419.9	16.04	1.72E-04	1.16E-05	0.04	-0.05	0.06	308.08
8045.7	429.6	16.41	1.64E-04	1.28E-05	0.10	-0.07	0.12	324.67
8228.6	439.4	16.79	1.35E-04	1.25E-05	0.05	-0.06	0.07	308.97
8411.4	449.2	17.16	1.25E-04	1.29E-05	-0.05	-0.11	0.12	243.34
8594.3	458.9	17.53	1.29E-04	1.18E-05	-0.06	-0.11	0.13	241.63
8777.1	468.7	17.91	1.16E-04	9.40E-06	0.04	0.00	0.04	5.84
8960.0	478.5	18.28	9.59E-05	7.91E-06	0.11	0.05	0.12	26.65
9142.9	488.2	18.65	9.47E-05	6.94E-06	0.03	-0.08	0.08	291.44
9325.7	498.0	19.02	1.03E-04	6.29E-06	-0.06	-0.08	0.10	230.78
9508.6	507.8	19.40	9.83E-05	6.30E-06	-0.05	-0.02	0.06	203.04
9691.4	517.5	19.77	9.91E-05	6.26E-06	-0.01	-0.01	0.01	233.18
9874.3	527.3	20.14	1.00E-04	5.67E-06	-0.01	0.05	0.05	97.67
10057.1	537.1	20.52	8.84E-05	5.15E-06	0.04	0.05	0.06	51.72
10240.0	546.8	20.89	8.32E-05	5.39E-06	0.15	-0.02	0.15	352.41
10422.9	556.6	21.26	9.05E-05	5.98E-06	0.16	-0.01	0.17	357.74
10605.7	566.3	21.64	8.82E-05	6.06E-06	0.10	0.09	0.13	41.29
10788.6	576.1	22.01	8.29E-05	5.45E-06	0.06	0.12	0.14	63.83
10971.4	585.9	22.38	9.75E-05	4.74E-06	0.15	0.02	0.15	8.86
11154.3	595.6	22.75	1.09E-04	4.47E-06	0.16	-0.00	0.16	358.24
11337.1	605.4	23.13	9.79E-05	4.58E-06	0.12	0.01	0.12	3.40
11520.0	615.2	23.50	8.54E-05	4.79E-06	0.16	-0.07	0.18	335.72
11702.9	624.9	23.87	7.94E-05	5.13E-06	0.12	-0.10	0.16	319.85
11885.7	634.7	24.25	7.19E-05	5.52E-06	-0.02	-0.07	0.07	251.99
12068.6	644.5	24.62	6.38E-05	5.19E-06	-0.04	-0.08	0.09	242.71
12251.4	654.2	24.99	6.58E-05	4.38E-06	-0.04	-0.13	0.13	254.61
12434.3	664.0	25.37	8.02E-05	3.81E-06	-0.05	0.01	0.05	170.06
12617.1	673.8	25.74	8.68E-05	3.74E-06	0.04	0.13	0.13	71.00
12800.0	683.5	26.11	7.98E-05	3.63E-06	0.03	0.09	0.10	68.82
12982.9	693.3	26.49	7.52E-05	3.62E-06	-0.04	0.10	0.10	109.89
13165.7	703.0	26.86	7.19E-05	4.02E-06	-0.05	0.07	0.09	126.23
13348.6	712.8	27.23	6.66E-05	3.71E-06	-0.10	0.01	0.10	171.89
13531.4	722.6	27.60	6.30E-05	3.22E-06	-0.13	0.02	0.13	170.92
13714.3	732.3	27.98	6.31E-05	3.56E-06	-0.03	0.02	0.03	148.96
13897.1	742.1	28.35	6.70E-05	3.95E-06	0.05	-0.05	0.07	314.16
14080.0	751.9	28.72	6.83E-05	3.87E-06	-0.05	-0.04	0.06	222.54
14262.9	761.6	29.10	6.10E-05	3.73E-06	-0.07	0.02	0.07	165.40
14445.7	771.4	29.47	5.50E-05	3.77E-06	0.04	0.02	0.04	26.99
14628.6	781.2	29.84	5.63E-05	3.73E-06	0.08	0.01	0.08	7.25
14811.4	790.9	30.22	5.84E-05	3.45E-06	0.08	0.04	0.09	29.19
14994.3	800.7	30.59	5.96E-05	3.02E-06	0.08	0.09	0.12	47.76
15177.1	810.5	30.96	5.35E-05	2.59E-06	0.04	0.12	0.12	69.80

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.70 RUN NO.= 75.0 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=12.96 PROTOTYPE= 3.00 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.0	820.2	31.33	4.59E-05	2.41E-06	0.00	0.16	0.16	88.50
15542.9	830.0	31.71	4.63E-05	2.46E-06	0.04	0.17	0.17	75.34
15725.7	839.8	32.08	5.11E-05	2.64E-06	0.02	0.12	0.12	80.44
15908.6	849.5	32.45	5.45E-05	3.09E-06	-0.05	0.03	0.06	152.76
16091.4	859.3	32.83	5.00E-05	3.38E-06	-0.06	-0.10	0.11	239.16
16274.3	869.0	33.20	4.35E-05	3.06E-06	-0.03	-0.16	0.16	260.10
16457.1	878.8	33.57	4.19E-05	2.53E-06	-0.05	-0.11	0.12	246.43
16640.0	888.6	33.95	3.97E-05	2.57E-06	-0.06	-0.03	0.07	206.76
16822.9	898.3	34.32	3.58E-05	2.72E-06	-0.05	-0.03	0.06	206.39
17005.7	908.1	34.69	4.16E-05	2.63E-06	-0.06	-0.08	0.10	234.50
17188.6	917.9	35.06	4.77E-05	2.86E-06	0.01	-0.16	0.16	272.83
17371.4	927.6	35.44	4.05E-05	2.96E-06	0.09	-0.19	0.21	295.52
17554.3	937.4	35.81	3.69E-05	2.58E-06	0.10	-0.11	0.15	312.81
17737.1	947.2	36.18	3.91E-05	2.46E-06	-0.01	0.01	0.01	140.30
17920.0	956.9	36.56	3.61E-05	2.65E-06	-0.06	-0.00	0.06	183.04
18102.9	966.7	36.93	3.13E-05	2.55E-06	0.02	-0.05	0.05	290.34
18285.7	976.5	37.30	2.89E-05	2.29E-06	0.12	-0.07	0.14	328.12

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 6.1434E-01 RII(0)= 3.6523E-01

I	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.02	-0.04	2.75E 00	0.02	2.72E 00	-0.03
174	2.72E 00	-0.02	-0.04	2.74E 00	0.02	2.70E 00	-0.03
173	2.70E 00	-0.02	-0.03	2.72E 00	0.03	2.69E 00	-0.03
172	2.69E 00	-0.01	-0.02	2.70E 00	0.03	2.67E 00	-0.03
171	2.67E 00	-0.01	-0.01	2.69E 00	0.04	2.65E 00	-0.03
170	2.66E 00	-0.01	0.01	2.67E 00	0.04	2.64E 00	-0.04
169	2.64E 00	-0.01	0.01	2.66E 00	0.04	2.62E 00	-0.04
168	2.62E 00	-0.01	0.00	2.64E 00	0.04	2.61E 00	-0.04
167	2.61E 00	-0.02	-0.01	2.63E 00	0.03	2.59E 00	-0.04
166	2.59E 00	-0.02	-0.01	2.61E 00	0.03	2.58E 00	-0.03
165	2.58E 00	-0.02	-0.01	2.60E 00	0.03	2.56E 00	-0.03
164	2.56E 00	-0.01	-0.01	2.58E 00	0.03	2.55E 00	-0.03
163	2.55E 00	-0.02	-0.00	2.56E 00	0.03	2.53E 00	-0.03
162	2.53E 00	-0.02	0.00	2.55E 00	0.03	2.51E 00	-0.02
161	2.52E 00	-0.02	-0.00	2.53E 00	0.03	2.50E 00	-0.02
160	2.50E 00	-0.02	-0.00	2.52E 00	0.03	2.48E 00	-0.02
159	2.48E 00	-0.02	-0.00	2.50E 00	0.03	2.47E 00	-0.02
158	2.47E 00	-0.02	0.00	2.49E 00	0.03	2.45E 00	-0.02
157	2.45E 00	-0.02	0.00	2.47E 00	0.02	2.44E 00	-0.01
156	2.44E 00	-0.02	0.01	2.45E 00	0.02	2.42E 00	-0.01
155	2.42E 00	-0.01	0.01	2.44E 00	0.02	2.40E 00	-0.01
154	2.41E 00	-0.01	0.01	2.42E 00	0.02	2.39E 00	-0.01
153	2.39E 00	-0.01	0.00	2.41E 00	0.03	2.37E 00	-0.00
152	2.37E 00	-0.01	-0.01	2.39E 00	0.03	2.36E 00	-0.01
151	2.36E 00	-0.00	-0.01	2.38E 00	0.03	2.34E 00	-0.01
150	2.34E 00	0.01	-0.01	2.36E 00	0.03	2.33E 00	-0.02
149	2.33E 00	0.01	-0.00	2.35E 00	0.03	2.31E 00	-0.02
148	2.31E 00	0.02	0.01	2.33E 00	0.03	2.30E 00	-0.02
147	2.30E 00	0.02	0.03	2.31E 00	0.03	2.28E 00	-0.02
146	2.28E 00	0.01	0.03	2.30E 00	0.03	2.26E 00	-0.02
145	2.27E 00	0.01	0.03	2.28E 00	0.03	2.25E 00	-0.02
144	2.25E 00	0.02	0.02	2.27E 00	0.04	2.23E 00	-0.02
143	2.23E 00	0.02	0.02	2.25E 00	0.03	2.22E 00	-0.02
142	2.22E 00	0.02	0.01	2.24E 00	0.03	2.20E 00	-0.02
141	2.20E 00	0.02	0.01	2.22E 00	0.03	2.19E 00	-0.02
140	2.19E 00	0.02	0.01	2.20E 00	0.02	2.17E 00	-0.03
139	2.17E 00	0.02	0.01	2.19E 00	0.02	2.15E 00	-0.03
138	2.16E 00	0.03	0.01	2.17E 00	0.01	2.14E 00	-0.03
137	2.14E 00	0.03	0.02	2.16E 00	0.01	2.12E 00	-0.02
136	2.12E 00	0.02	0.02	2.14E 00	0.01	2.11E 00	-0.01
135	2.11E 00	0.02	0.02	2.13E 00	0.01	2.09E 00	-0.00
134	2.09E 00	0.02	0.02	2.11E 00	0.00	2.08E 00	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.=82 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 6.1434E-01 RII(0)= 3.6523E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.02	0.02	2.10E 00	0.00	2.06E 00	0.00
132	2.06E 00	0.02	0.02	2.08E 00	-0.00	2.05E 00	0.00
131	2.05E 00	0.02	0.02	2.06E 00	-0.01	2.03E 00	-0.00
130	2.03E 00	0.03	0.02	2.05E 00	-0.02	2.01E 00	-0.01
129	2.02E 00	0.03	0.03	2.03E 00	-0.03	2.00E 00	-0.01
128	2.00E 00	0.03	0.03	2.02E 00	-0.03	1.98E 00	-0.01
127	1.98E 00	0.03	0.03	2.00E 00	-0.03	1.97E 00	-0.00
126	1.97E 00	0.04	0.02	1.99E 00	-0.02	1.95E 00	0.00
125	1.95E 00	0.04	0.02	1.97E 00	-0.01	1.94E 00	0.01
124	1.94E 00	0.04	0.01	1.95E 00	-0.01	1.92E 00	0.01
123	1.92E 00	0.04	0.01	1.94E 00	-0.01	1.90E 00	0.01
122	1.91E 00	0.04	0.01	1.92E 00	-0.00	1.89E 00	0.01
121	1.89E 00	0.03	0.02	1.91E 00	-0.01	1.87E 00	0.01
120	1.87E 00	0.04	0.02	1.89E 00	-0.02	1.86E 00	0.01
119	1.86E 00	0.04	0.02	1.88E 00	-0.02	1.84E 00	0.01
118	1.84E 00	0.03	0.02	1.86E 00	-0.02	1.83E 00	0.00
117	1.83E 00	0.03	0.02	1.85E 00	-0.02	1.81E 00	0.00
116	1.81E 00	0.03	0.01	1.83E 00	-0.02	1.80E 00	0.00
115	1.80E 00	0.02	0.01	1.81E 00	-0.02	1.78E 00	-0.00
114	1.78E 00	0.02	0.00	1.80E 00	-0.02	1.76E 00	0.00
113	1.77E 00	0.02	0.01	1.78E 00	-0.02	1.75E 00	0.01
112	1.75E 00	0.01	0.01	1.77E 00	-0.01	1.73E 00	0.01
111	1.73E 00	0.01	0.02	1.75E 00	-0.00	1.72E 00	0.01
110	1.72E 00	0.02	0.02	1.74E 00	0.00	1.70E 00	0.02
109	1.70E 00	0.02	0.02	1.72E 00	0.01	1.69E 00	0.02
108	1.69E 00	0.02	0.02	1.70E 00	0.01	1.67E 00	0.01
107	1.67E 00	0.02	0.01	1.69E 00	-0.00	1.65E 00	0.01
106	1.66E 00	0.01	0.01	1.67E 00	-0.00	1.64E 00	0.01
105	1.64E 00	0.01	0.01	1.66E 00	-0.01	1.62E 00	0.01
104	1.62E 00	0.01	0.02	1.64E 00	-0.00	1.61E 00	0.01
103	1.61E 00	0.00	0.02	1.63E 00	0.00	1.59E 00	0.01
102	1.59E 00	0.00	0.02	1.61E 00	0.00	1.58E 00	0.01
101	1.58E 00	0.00	0.02	1.60E 00	-0.00	1.56E 00	0.01
100	1.56E 00	0.00	0.01	1.58E 00	-0.01	1.55E 00	-0.00
99	1.55E 00	0.00	0.01	1.56E 00	-0.01	1.53E 00	-0.01
98	1.53E 00	0.00	-0.00	1.55E 00	-0.01	1.51E 00	-0.01
97	1.52E 00	0.00	-0.01	1.53E 00	-0.01	1.50E 00	-0.01
96	1.50E 00	0.01	-0.01	1.52E 00	-0.01	1.48E 00	-0.00
95	1.48E 00	0.01	-0.00	1.50E 00	-0.02	1.47E 00	-0.01
94	1.47E 00	0.01	0.00	1.49E 00	-0.03	1.45E 00	-0.01
93	1.45E 00	0.01	0.00	1.47E 00	-0.03	1.44E 00	-0.01
92	1.44E 00	0.01	0.00	1.45E 00	-0.02	1.42E 00	-0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 6.1434E-01 RII(0)= 3.6523E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.01	0.01	1.44E 00	-0.03	1.40E 00	-0.00
90	1.41E 00	0.01	0.01	1.42E 00	-0.03	1.39E 00	0.00
89	1.39E 00	0.01	0.02	1.41E 00	-0.03	1.37E 00	0.00
88	1.37E 00	0.01	0.02	1.39E 00	-0.03	1.36E 00	0.00
87	1.36E 00	0.01	0.02	1.38E 00	-0.03	1.34E 00	0.00
86	1.34E 00	0.01	0.03	1.36E 00	-0.03	1.33E 00	0.00
85	1.33E 00	0.01	0.03	1.35E 00	-0.04	1.31E 00	0.00
84	1.31E 00	0.01	0.04	1.33E 00	-0.04	1.30E 00	-0.00
83	1.30E 00	0.01	0.03	1.31E 00	-0.05	1.28E 00	-0.00
82	1.28E 00	0.01	0.02	1.30E 00	-0.05	1.26E 00	-0.00
81	1.27E 00	0.02	0.02	1.28E 00	-0.04	1.25E 00	0.00
80	1.25E 00	0.02	0.02	1.27E 00	-0.04	1.23E 00	-0.00
79	1.23E 00	0.03	0.02	1.25E 00	-0.04	1.22E 00	-0.01
78	1.22E 00	0.03	0.02	1.24E 00	-0.04	1.20E 00	-0.01
77	1.20E 00	0.02	0.02	1.22E 00	-0.04	1.19E 00	-0.01
76	1.19E 00	0.02	0.02	1.20E 00	-0.03	1.17E 00	-0.02
75	1.17E 00	0.02	0.02	1.19E 00	-0.03	1.15E 00	-0.02
74	1.16E 00	0.02	0.02	1.17E 00	-0.03	1.14E 00	-0.01
73	1.14E 00	0.03	0.01	1.16E 00	-0.04	1.12E 00	-0.01
72	1.12E 00	0.03	0.01	1.14E 00	-0.05	1.11E 00	-0.02
71	1.11E 00	0.04	0.01	1.13E 00	-0.05	1.09E 00	-0.02
70	1.09E 00	0.04	0.01	1.11E 00	-0.04	1.08E 00	-0.02
69	1.08E 00	0.04	0.01	1.10E 00	-0.04	1.06E 00	-0.02
68	1.06E 00	0.04	0.01	1.08E 00	-0.04	1.05E 00	-0.02
67	1.05E 00	0.05	0.00	1.06E 00	-0.04	1.03E 00	-0.01
66	1.03E 00	0.05	0.00	1.05E 00	-0.04	1.01E 00	-0.01
65	1.02E 00	0.06	-0.01	1.03E 00	-0.04	9.98E-01	-0.01
64	10.00E-01	0.07	-0.01	1.02E 00	-0.05	9.83E-01	-0.01
63	9.84E-01	0.07	-0.01	1.00E 00	-0.05	9.67E-01	-0.01
62	9.69E-01	0.07	-0.00	9.86E-01	-0.06	9.51E-01	-0.01
61	9.53E-01	0.08	-0.00	9.70E-01	-0.06	9.36E-01	-0.01
60	9.37E-01	0.08	0.00	9.55E-01	-0.06	9.20E-01	-0.01
59	9.22E-01	0.08	0.01	9.39E-01	-0.06	9.05E-01	-0.00
58	9.06E-01	0.08	0.01	9.24E-01	-0.06	8.89E-01	-0.00
57	8.91E-01	0.08	0.01	9.08E-01	-0.06	8.73E-01	-0.01
56	8.75E-01	0.08	0.01	8.92E-01	-0.06	8.58E-01	-0.02
55	8.59E-01	0.08	0.00	8.77E-01	-0.06	8.42E-01	-0.02
54	8.44E-01	0.08	0.00	8.61E-01	-0.06	8.26E-01	-0.03
53	8.28E-01	0.08	0.01	8.45E-01	-0.06	8.11E-01	-0.04
52	8.12E-01	0.08	0.01	8.30E-01	-0.05	7.95E-01	-0.04
51	7.97E-01	0.07	0.01	8.14E-01	-0.04	7.80E-01	-0.05
50	7.81E-01	0.07	0.02	7.99E-01	-0.04	7.64E-01	-0.04

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 6.1434E-01 RII(0)= 3.6523E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.07	0.03	7.83E-01	-0.04	7.48E-01	-0.05
48	7.50E-01	0.07	0.04	7.67E-01	-0.04	7.33E-01	-0.05
47	7.34E-01	0.06	0.05	7.52E-01	-0.04	7.17E-01	-0.05
46	7.19E-01	0.06	0.07	7.36E-01	-0.04	7.01E-01	-0.05
45	7.03E-01	0.06	0.07	7.20E-01	-0.03	6.86E-01	-0.05
44	6.87E-01	0.06	0.07	7.05E-01	-0.02	6.70E-01	-0.05
43	6.72E-01	0.05	0.06	6.89E-01	-0.01	6.55E-01	-0.05
42	6.56E-01	0.04	0.06	6.74E-01	-0.00	6.39E-01	-0.05
41	6.41E-01	0.04	0.05	6.58E-01	-0.00	6.23E-01	-0.04
40	6.25E-01	0.03	0.04	6.42E-01	-0.00	6.08E-01	-0.04
39	6.09E-01	0.03	0.04	6.27E-01	0.00	5.92E-01	-0.04
38	5.94E-01	0.02	0.04	6.11E-01	0.01	5.76E-01	-0.04
37	5.78E-01	0.02	0.05	5.95E-01	0.02	5.61E-01	-0.04
36	5.62E-01	0.01	0.05	5.80E-01	0.03	5.45E-01	-0.04
35	5.47E-01	0.01	0.05	5.64E-01	0.03	5.30E-01	-0.04
34	5.31E-01	0.01	0.05	5.49E-01	0.03	5.14E-01	-0.05
33	5.16E-01	0.01	0.05	5.33E-01	0.03	4.98E-01	-0.05
32	5.00E-01	0.01	0.06	5.17E-01	0.04	4.83E-01	-0.06
31	4.84E-01	0.01	0.07	5.02E-01	0.05	4.67E-01	-0.06
30	4.69E-01	0.02	0.06	4.86E-01	0.06	4.51E-01	-0.07
29	4.53E-01	0.02	0.06	4.70E-01	0.07	4.36E-01	-0.07
28	4.37E-01	0.02	0.06	4.55E-01	0.08	4.20E-01	-0.06
27	4.22E-01	0.03	0.07	4.39E-01	0.09	4.05E-01	-0.06
26	4.06E-01	0.03	0.08	4.24E-01	0.09	3.89E-01	-0.07
25	3.91E-01	0.04	0.08	4.08E-01	0.09	3.73E-01	-0.07
24	3.75E-01	0.05	0.08	3.92E-01	0.10	3.58E-01	-0.07
23	3.59E-01	0.07	0.09	3.77E-01	0.10	3.42E-01	-0.07
22	3.44E-01	0.07	0.08	3.61E-01	0.10	3.26E-01	-0.07
21	3.28E-01	0.08	0.09	3.45E-01	0.09	3.11E-01	-0.08
20	3.12E-01	0.09	0.10	3.30E-01	0.08	2.95E-01	-0.08
19	2.97E-01	0.10	0.11	3.14E-01	0.07	2.80E-01	-0.09
18	2.81E-01	0.12	0.11	2.99E-01	0.06	2.64E-01	-0.09
17	2.66E-01	0.14	0.11	2.83E-01	0.04	2.48E-01	-0.09
16	2.50E-01	0.16	0.11	2.67E-01	0.02	2.33E-01	-0.10
15	2.34E-01	0.19	0.12	2.52E-01	-0.01	2.17E-01	-0.10
14	2.19E-01	0.22	0.12	2.36E-01	-0.05	2.01E-01	-0.10
13	2.03E-01	0.24	0.12	2.20E-01	-0.09	1.86E-01	-0.10
12	1.87E-01	0.26	0.12	2.05E-01	-0.13	1.70E-01	-0.11
11	1.72E-01	0.29	0.13	1.89E-01	-0.17	1.55E-01	-0.12
10	1.56E-01	0.33	0.14	1.74E-01	-0.20	1.39E-01	-0.12
9	1.41E-01	0.37	0.15	1.58E-01	-0.22	1.23E-01	-0.13
8	1.25E-01	0.40	0.16	1.42E-01	-0.23	1.08E-01	-0.14

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 6.1434E-01 RII(0)= 3.6523E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.44	0.19	1.27E-01	-0.23	9.21E-02	-0.15
6	9.37E-02	0.48	0.22	1.11E-01	-0.23	7.65E-02	-0.15
5	7.81E-02	0.52	0.27	9.54E-02	-0.23	6.08E-02	-0.16
4	6.25E-02	0.58	0.35	7.98E-02	-0.23	4.52E-02	-0.16
3	4.69E-02	0.62	0.45	6.42E-02	-0.23	2.96E-02	-0.18
2	3.12E-02	0.69	0.59	4.85E-02	-0.22	1.40E-02	-0.19
1	1.56E-02	0.88	0.84	3.29E-02	-0.22	-1.66E-03	-0.21
0	0.	1.00	1.00	1.73E-02	-0.22	-1.73E-02	-0.22

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	2.06E-03	8.58E-04	-0.44	-0.	0.44	180.00
182.86	9.8	0.33	3.57E-03	1.51E-03	-0.42	0.02	0.42	177.25
365.71	19.6	0.66	2.74E-03	1.22E-03	-0.33	0.14	0.36	156.42
548.57	29.3	0.99	2.31E-03	1.02E-03	-0.32	0.30	0.44	137.39
731.43	39.1	1.32	2.16E-03	8.08E-04	-0.45	0.28	0.53	148.16
914.29	48.9	1.65	2.32E-03	6.62E-04	-0.57	0.15	0.59	165.52
1097.14	58.7	1.99	2.25E-03	5.78E-04	-0.58	-0.05	0.58	185.23
1280.00	68.5	2.32	1.79E-03	5.71E-04	-0.54	-0.22	0.58	202.12
1462.86	78.3	2.65	1.34E-03	6.20E-04	-0.48	-0.31	0.57	212.46
1645.71	88.0	2.98	9.80E-04	5.97E-04	-0.35	-0.42	0.55	230.09
1828.57	97.8	3.31	7.63E-04	4.96E-04	-0.19	-0.45	0.49	246.75
2011.43	107.6	3.64	6.92E-04	4.13E-04	-0.10	-0.44	0.45	257.40
2194.29	117.4	3.97	6.50E-04	4.15E-04	0.00	-0.49	0.49	270.40
2377.14	127.2	4.30	5.64E-04	4.56E-04	0.09	-0.49	0.50	280.52
2560.00	137.0	4.63	5.05E-04	4.61E-04	0.12	-0.42	0.44	286.28
2742.86	146.7	4.96	4.58E-04	4.52E-04	0.13	-0.22	0.25	301.42
2925.71	156.5	5.30	4.25E-04	4.63E-04	0.20	-0.05	0.21	347.21
3108.57	166.3	5.63	4.05E-04	4.30E-04	0.26	-0.00	0.26	358.93
3291.43	176.1	5.96	3.42E-04	3.57E-04	0.25	-0.00	0.25	359.19
3474.29	185.9	6.29	2.87E-04	3.33E-04	0.23	-0.00	0.23	359.31
3657.14	195.7	6.62	2.51E-04	3.32E-04	0.21	0.03	0.21	7.75
3840.00	205.4	6.95	2.37E-04	3.21E-04	0.10	0.03	0.10	17.77
4022.86	215.2	7.28	2.66E-04	3.19E-04	0.02	0.07	0.07	76.39
4205.71	225.0	7.61	2.69E-04	3.33E-04	0.01	0.13	0.13	87.30
4388.57	234.8	7.94	2.29E-04	3.37E-04	-0.03	0.11	0.11	105.18
4571.43	244.6	8.27	2.25E-04	2.87E-04	-0.03	0.08	0.08	110.99
4754.29	254.4	8.61	2.39E-04	2.29E-04	-0.00	0.12	0.12	91.02
4937.14	264.1	8.94	2.21E-04	2.06E-04	-0.04	0.16	0.16	105.51
5120.00	273.9	9.27	1.99E-04	2.07E-04	-0.06	0.21	0.22	105.16
5302.86	283.7	9.60	1.94E-04	2.24E-04	-0.09	0.17	0.19	118.63
5485.71	293.5	9.93	1.93E-04	2.25E-04	-0.14	0.01	0.14	174.55
5668.57	303.3	10.26	1.76E-04	2.21E-04	-0.05	-0.03	0.06	215.74
5851.43	313.1	10.59	1.63E-04	2.06E-04	-0.04	-0.03	0.05	216.13
6034.29	322.8	10.92	1.60E-04	1.80E-04	-0.18	-0.07	0.19	201.29
6217.14	332.6	11.25	1.52E-04	1.59E-04	-0.16	-0.10	0.18	212.60
6400.00	342.4	11.58	1.61E-04	1.54E-04	-0.11	-0.14	0.17	232.50
6582.86	352.2	11.91	1.51E-04	1.56E-04	-0.10	-0.13	0.16	233.78
6765.71	362.0	12.25	1.22E-04	1.56E-04	-0.09	-0.11	0.14	229.08
6948.57	371.7	12.58	1.34E-04	1.61E-04	-0.09	-0.14	0.17	237.02
7131.43	381.5	12.91	1.55E-04	1.42E-04	-0.01	-0.17	0.17	267.29
7314.29	391.3	13.24	1.47E-04	1.37E-04	0.05	-0.18	0.18	286.23
7497.14	401.1	13.57	1.36E-04	1.54E-04	0.07	-0.13	0.15	299.72

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	410.9	13.90	1.38E-04	1.33E-04	0.05	-0.05	0.07	319.92
7862.86	420.7	14.23	1.44E-04	1.06E-04	-0.02	-0.03	0.04	241.05
8045.71	430.4	14.56	1.55E-04	1.05E-04	-0.01	-0.12	0.12	263.93
8228.57	440.2	14.89	1.58E-04	1.14E-04	-0.04	-0.18	0.19	256.94
8411.43	450.0	15.22	1.42E-04	1.13E-04	-0.06	-0.14	0.15	245.30
8594.29	459.8	15.56	1.27E-04	1.07E-04	0.08	0.02	0.08	13.17
8777.14	469.6	15.89	1.28E-04	1.00E-04	0.12	0.13	0.18	49.00
8960.00	479.4	16.22	1.30E-04	8.96E-05	-0.03	0.12	0.12	106.26
9142.86	489.1	16.55	1.13E-04	8.72E-05	-0.08	0.08	0.11	136.26
9325.71	498.9	16.88	9.57E-05	8.75E-05	-0.08	0.09	0.12	132.10
9508.57	508.7	17.21	8.91E-05	8.80E-05	-0.13	-0.00	0.13	181.75
9691.43	518.5	17.54	9.26E-05	8.50E-05	-0.10	-0.12	0.15	230.30
9874.29	528.3	17.87	9.77E-05	8.34E-05	-0.01	-0.06	0.06	260.72
10057.14	538.1	18.20	9.06E-05	8.45E-05	0.04	-0.03	0.05	318.72
10240.00	547.8	18.53	8.76E-05	8.28E-05	0.05	-0.07	0.08	305.39
10422.86	557.6	18.87	9.41E-05	8.20E-05	0.05	0.01	0.06	13.72
10605.71	567.4	19.20	1.03E-04	7.80E-05	0.00	0.08	0.08	89.03
10788.57	577.2	19.53	9.89E-05	7.33E-05	-0.03	-0.01	0.03	197.77
10971.43	587.0	19.86	7.88E-05	6.72E-05	0.01	-0.08	0.08	277.74
11154.29	596.8	20.19	7.67E-05	5.63E-05	0.02	0.03	0.04	65.29
11337.14	606.5	20.52	8.28E-05	5.18E-05	0.00	0.08	0.08	89.81
11520.00	616.3	20.85	7.67E-05	5.07E-05	-0.04	0.00	0.04	172.50
11702.86	626.1	21.18	7.74E-05	4.36E-05	-0.05	0.02	0.06	162.82
11885.71	635.9	21.51	8.17E-05	4.53E-05	-0.03	0.09	0.09	111.44
12068.57	645.7	21.84	7.72E-05	6.10E-05	-0.05	0.06	0.08	132.14
12251.43	655.5	22.18	7.39E-05	6.59E-05	-0.07	-0.10	0.12	234.04
12434.29	665.2	22.51	7.07E-05	6.03E-05	-0.09	-0.18	0.20	244.43
12617.14	675.0	22.84	6.45E-05	5.92E-05	-0.09	-0.08	0.12	222.03
12800.00	684.8	23.17	6.90E-05	5.84E-05	-0.06	-0.07	0.09	227.51
12982.86	694.6	23.50	7.49E-05	5.32E-05	-0.08	-0.11	0.13	235.04
13165.71	704.4	23.83	7.47E-05	4.32E-05	-0.07	-0.04	0.08	214.09
13348.57	714.1	24.16	7.66E-05	3.83E-05	-0.01	-0.00	0.01	220.34
13531.43	723.9	24.49	7.18E-05	4.26E-05	0.04	0.00	0.04	0.07
13714.29	733.7	24.82	6.78E-05	4.56E-05	-0.01	0.04	0.04	105.08
13897.14	743.5	25.15	7.22E-05	4.39E-05	-0.10	0.09	0.14	137.43
14080.00	753.3	25.48	7.51E-05	4.28E-05	-0.07	0.14	0.16	117.21
14262.86	763.1	25.82	7.33E-05	4.45E-05	0.03	0.05	0.06	63.07
14445.71	772.8	26.15	6.69E-05	4.40E-05	0.06	-0.02	0.07	342.86
14628.57	782.6	26.48	6.35E-05	3.70E-05	0.00	0.01	0.01	79.86
14811.43	792.4	26.81	6.25E-05	3.01E-05	-0.08	-0.07	0.11	219.18
14994.29	802.2	27.14	5.76E-05	2.86E-05	-0.11	-0.14	0.18	231.72
15177.14	812.0	27.47	5.48E-05	2.94E-05	-0.06	-0.04	0.07	212.20

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.=82 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.00	821.8	27.80	5.28E-05	3.20E-05	-0.02	0.04	0.04	124.58
15542.86	831.5	28.13	4.40E-05	3.13E-05	-0.01	0.02	0.02	107.94
15725.71	841.3	28.46	4.10E-05	2.70E-05	0.08	0.00	0.08	0.73
15908.57	851.1	28.79	5.00E-05	2.83E-05	0.16	-0.00	0.16	358.46
16091.43	860.9	29.13	5.02E-05	3.24E-05	0.17	-0.04	0.18	347.09
16274.29	870.7	29.46	4.03E-05	3.36E-05	0.10	0.01	0.10	8.31
16457.14	880.5	29.79	3.62E-05	3.19E-05	0.03	0.13	0.13	76.26
16640.00	890.2	30.12	4.10E-05	2.86E-05	0.02	0.08	0.08	73.12
16822.86	900.0	30.45	4.65E-05	2.72E-05	0.05	-0.13	0.14	293.25
17005.71	909.8	30.78	4.88E-05	2.65E-05	0.12	-0.26	0.28	294.44
17188.57	919.6	31.11	5.42E-05	2.39E-05	0.17	-0.11	0.20	325.88
17371.43	929.4	31.44	5.34E-05	2.22E-05	0.13	0.06	0.15	23.24
17554.29	939.2	31.77	4.35E-05	2.14E-05	0.10	0.04	0.11	19.55
17737.14	948.9	32.10	3.51E-05	2.07E-05	0.09	-0.05	0.10	334.03
17920.00	958.7	32.44	3.33E-05	2.12E-05	-0.01	-0.06	0.06	260.74
18102.86	968.5	32.77	3.78E-05	2.31E-05	-0.03	0.00	0.03	171.91
18285.71	978.3	33.10	3.99E-05	2.45E-05	0.04	-0.01	0.04	345.17
18468.57	988.1	33.43	3.72E-05	2.33E-05	0.06	-0.08	0.10	306.93
18651.43	997.9	33.76	3.49E-05	2.24E-05	-0.01	-0.08	0.08	261.63
18834.29	1007.6	34.09	3.47E-05	2.32E-05	-0.05	-0.03	0.06	209.22
19017.14	1017.4	34.42	3.36E-05	2.18E-05	0.02	0.01	0.03	26.62
19200.00	1027.2	34.75	2.98E-05	2.25E-05	0.04	0.11	0.11	70.84
19382.86	1037.0	35.08	2.78E-05	2.61E-05	0.03	0.15	0.15	77.16
19565.71	1046.8	35.41	2.65E-05	2.47E-05	0.10	0.06	0.12	29.93
19748.57	1056.5	35.74	2.33E-05	2.07E-05	0.12	0.01	0.12	4.00
19931.43	1066.3	36.08	2.13E-05	1.68E-05	0.06	0.08	0.10	54.71

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J= 7 I=12
$\alpha = \beta = 0°$ RJJ(0)= 1.2121E-01 RII(0)= 1.0540E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.01	0.00	2.63E 00	-0.03	2.84E 00	-0.01
174	2.72E 00	-0.00	0.00	2.62E 00	-0.04	2.82E 00	0.00
173	2.70E 00	-0.00	-0.00	2.60E 00	-0.04	2.80E 00	0.01
172	2.69E 00	0.00	-0.01	2.59E 00	-0.05	2.79E 00	0.02
171	2.67E 00	-0.00	-0.01	2.57E 00	-0.05	2.77E 00	0.02
170	2.66E 00	0.00	-0.01	2.55E 00	-0.04	2.76E 00	0.02
169	2.64E 00	0.01	-0.01	2.54E 00	-0.02	2.74E 00	0.02
168	2.62E 00	0.02	-0.01	2.52E 00	-0.01	2.73E 00	0.02
167	2.61E 00	0.02	-0.01	2.51E 00	-0.00	2.71E 00	0.02
166	2.59E 00	0.02	-0.01	2.49E 00	0.00	2.70E 00	0.02
165	2.58E 00	0.02	-0.01	2.48E 00	0.01	2.68E 00	0.01
164	2.56E 00	0.02	-0.00	2.46E 00	0.01	2.66E 00	0.00
163	2.55E 00	0.02	0.00	2.45E 00	0.02	2.65E 00	-0.00
162	2.53E 00	0.01	0.01	2.43E 00	0.02	2.63E 00	0.00
161	2.52E 00	0.01	0.01	2.41E 00	0.03	2.62E 00	0.01
160	2.50E 00	0.00	0.01	2.40E 00	0.03	2.60E 00	0.01
159	2.48E 00	0.00	0.01	2.38E 00	0.03	2.59E 00	0.01
158	2.47E 00	0.00	0.01	2.37E 00	0.03	2.57E 00	0.01
157	2.45E 00	0.00	0.02	2.35E 00	0.02	2.55E 00	0.01
156	2.44E 00	-0.00	0.03	2.34E 00	0.02	2.54E 00	0.00
155	2.42E 00	-0.00	0.02	2.32E 00	0.02	2.52E 00	-0.00
154	2.41E 00	-0.01	0.02	2.30E 00	0.02	2.51E 00	-0.00
153	2.39E 00	-0.01	0.02	2.29E 00	0.02	2.49E 00	-0.00
152	2.37E 00	-0.01	0.02	2.27E 00	0.02	2.48E 00	-0.00
151	2.36E 00	-0.02	0.02	2.26E 00	0.02	2.46E 00	-0.00
150	2.34E 00	-0.03	0.02	2.24E 00	0.02	2.45E 00	-0.00
149	2.33E 00	-0.03	0.02	2.23E 00	0.02	2.43E 00	-0.01
148	2.31E 00	-0.03	0.02	2.21E 00	0.01	2.41E 00	-0.01
147	2.30E 00	-0.03	0.01	2.20E 00	0.01	2.40E 00	-0.01
146	2.28E 00	-0.02	0.00	2.18E 00	0.00	2.38E 00	-0.01
145	2.27E 00	-0.02	-0.00	2.16E 00	0.00	2.37E 00	-0.00
144	2.25E 00	-0.01	-0.00	2.15E 00	0.00	2.35E 00	0.00
143	2.23E 00	-0.01	0.00	2.13E 00	-0.00	2.34E 00	0.01
142	2.22E 00	-0.01	0.00	2.12E 00	-0.01	2.32E 00	0.01
141	2.20E 00	-0.01	-0.00	2.10E 00	-0.01	2.30E 00	0.01
140	2.19E 00	-0.02	-0.00	2.09E 00	-0.01	2.29E 00	0.01
139	2.17E 00	-0.02	0.00	2.07E 00	-0.01	2.27E 00	0.02
138	2.16E 00	-0.03	0.01	2.05E 00	-0.01	2.26E 00	0.02
137	2.14E 00	-0.02	0.02	2.04E 00	0.00	2.24E 00	0.03
136	2.12E 00	-0.02	0.02	2.02E 00	0.01	2.23E 00	0.02
135	2.11E 00	-0.02	0.02	2.01E 00	0.01	2.21E 00	0.01
134	2.09E 00	-0.01	0.02	1.99E 00	0.01	2.20E 00	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J= 7 I=12
$\alpha = \beta = 0°$ RJJ(0)= 1.2121E-01 RII(0)= 1.0540E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	-0.01	0.03	1.98E 00	0.01	2.18E 00	0.00
132	2.06E 00	-0.01	0.02	1.96E 00	0.02	2.16E 00	0.00
131	2.05E 00	-0.00	0.02	1.95E 00	0.01	2.15E 00	-0.00
130	2.03E 00	0.01	0.02	1.93E 00	0.01	2.13E 00	-0.00
129	2.02E 00	0.02	0.01	1.91E 00	0.00	2.12E 00	-0.00
128	2.00E 00	0.03	-0.00	1.90E 00	-0.00	2.10E 00	-0.01
127	1.98E 00	0.03	-0.01	1.88E 00	-0.00	2.09E 00	-0.01
126	1.97E 00	0.03	-0.02	1.87E 00	0.00	2.07E 00	-0.02
125	1.95E 00	0.03	-0.03	1.85E 00	-0.00	2.05E 00	-0.02
124	1.94E 00	0.02	-0.04	1.84E 00	-0.00	2.04E 00	-0.01
123	1.92E 00	0.02	-0.04	1.82E 00	0.00	2.02E 00	-0.00
122	1.91E 00	0.02	-0.03	1.80E 00	-0.00	2.01E 00	0.00
121	1.89E 00	0.01	-0.03	1.79E 00	-0.00	1.99E 00	0.01
120	1.87E 00	0.01	-0.04	1.77E 00	-0.01	1.98E 00	0.01
119	1.86E 00	0.00	-0.04	1.76E 00	-0.01	1.96E 00	0.01
118	1.84E 00	-0.00	-0.03	1.74E 00	-0.01	1.95E 00	0.01
117	1.83E 00	-0.00	-0.03	1.73E 00	-0.01	1.93E 00	0.01
116	1.81E 00	-0.01	-0.02	1.71E 00	-0.02	1.91E 00	0.01
115	1.80E 00	-0.01	-0.01	1.70E 00	-0.01	1.90E 00	0.02
114	1.78E 00	-0.01	-0.01	1.68E 00	-0.01	1.88E 00	0.01
113	1.77E 00	-0.01	-0.01	1.66E 00	-0.00	1.87E 00	0.01
112	1.75E 00	-0.00	-0.01	1.65E 00	-0.00	1.85E 00	0.01
111	1.73E 00	-0.00	0.00	1.63E 00	0.00	1.84E 00	0.01
110	1.72E 00	0.00	0.01	1.62E 00	0.00	1.82E 00	0.01
109	1.70E 00	0.01	0.01	1.60E 00	0.01	1.80E 00	0.00
108	1.69E 00	0.01	0.01	1.59E 00	0.00	1.79E 00	0.00
107	1.67E 00	0.01	0.01	1.57E 00	-0.00	1.77E 00	0.00
106	1.66E 00	0.01	-0.00	1.55E 00	-0.01	1.76E 00	0.00
105	1.64E 00	0.01	-0.01	1.54E 00	-0.01	1.74E 00	0.00
104	1.62E 00	0.01	-0.02	1.52E 00	-0.02	1.73E 00	0.01
103	1.61E 00	-0.00	-0.03	1.51E 00	-0.01	1.71E 00	0.01
102	1.59E 00	-0.01	-0.04	1.49E 00	-0.01	1.70E 00	0.02
101	1.58E 00	-0.02	-0.04	1.48E 00	-0.00	1.68E 00	0.02
100	1.56E 00	-0.03	-0.04	1.46E 00	0.00	1.66E 00	0.02
99	1.55E 00	-0.03	-0.03	1.45E 00	0.01	1.65E 00	0.02
98	1.53E 00	-0.03	-0.02	1.43E 00	0.02	1.63E 00	0.01
97	1.52E 00	-0.03	-0.02	1.41E 00	0.03	1.62E 00	0.01
96	1.50E 00	-0.02	-0.02	1.40E 00	0.02	1.60E 00	0.01
95	1.48E 00	-0.02	-0.01	1.38E 00	0.02	1.59E 00	0.01
94	1.47E 00	-0.02	-0.01	1.37E 00	0.02	1.57E 00	0.01
93	1.45E 00	-0.02	-0.01	1.35E 00	0.01	1.55E 00	0.01
92	1.44E 00	-0.02	-0.00	1.34E 00	0.01	1.54E 00	0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.=82 J= 7 I=12
$\alpha = \beta = 0°$ RJJ(0)= 1.2121E-01 RII(0)= 1.0540E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	-0.02	0.00	1.32E 00	0.01	1.52E 00	0.01
90	1.41E 00	-0.02	0.01	1.30E 00	0.00	1.51E 00	0.01
89	1.39E 00	-0.02	0.02	1.29E 00	0.01	1.49E 00	0.00
88	1.37E 00	-0.01	0.03	1.27E 00	0.01	1.48E 00	-0.01
87	1.36E 00	-0.00	0.03	1.26E 00	0.01	1.46E 00	-0.01
86	1.34E 00	0.01	0.03	1.24E 00	0.02	1.45E 00	-0.01
85	1.33E 00	0.02	0.03	1.23E 00	0.02	1.43E 00	-0.02
84	1.31E 00	0.03	0.03	1.21E 00	0.02	1.41E 00	-0.02
83	1.30E 00	0.03	0.04	1.20E 00	0.02	1.40E 00	-0.01
82	1.28E 00	0.03	0.03	1.18E 00	0.02	1.38E 00	-0.00
81	1.27E 00	0.02	0.02	1.16E 00	0.02	1.37E 00	-0.00
80	1.25E 00	0.01	0.02	1.15E 00	0.02	1.35E 00	0.00
79	1.23E 00	0.01	0.01	1.13E 00	0.02	1.34E 00	0.00
78	1.22E 00	0.00	0.00	1.12E 00	0.02	1.32E 00	-0.00
77	1.20E 00	0.00	0.00	1.10E 00	0.01	1.30E 00	0.00
76	1.19E 00	-0.00	0.01	1.09E 00	0.01	1.29E 00	0.01
75	1.17E 00	-0.01	0.01	1.07E 00	0.01	1.27E 00	0.01
74	1.16E 00	-0.01	0.01	1.05E 00	0.01	1.26E 00	0.01
73	1.14E 00	-0.01	0.02	1.04E 00	0.01	1.24E 00	-0.00
72	1.12E 00	-0.02	0.03	1.02E 00	0.02	1.23E 00	-0.01
71	1.11E 00	-0.01	0.03	1.01E 00	0.02	1.21E 00	-0.02
70	1.09E 00	-0.01	0.03	9.92E-01	0.02	1.20E 00	-0.02
69	1.08E 00	-0.00	0.03	9.77E-01	0.01	1.18E 00	-0.03
68	1.06E 00	0.00	0.03	9.61E-01	0.01	1.16E 00	-0.03
67	1.05E 00	0.01	0.03	9.45E-01	-0.00	1.15E 00	-0.02
66	1.03E 00	0.01	0.03	9.30E-01	-0.00	1.13E 00	-0.01
65	1.02E 00	0.02	0.03	9.14E-01	-0.00	1.12E 00	-0.00
64	10.00E-01	0.02	0.03	8.98E-01	-0.01	1.10E 00	0.00
63	9.84E-01	0.03	0.01	8.83E-01	-0.01	1.09E 00	0.00
62	9.69E-01	0.03	-0.00	8.67E-01	-0.01	1.07E 00	0.00
61	9.53E-01	0.03	-0.02	8.52E-01	-0.01	1.05E 00	0.00
60	9.37E-01	0.04	-0.03	8.36E-01	-0.01	1.04E 00	0.01
59	9.22E-01	0.04	-0.04	8.20E-01	-0.02	1.02E 00	0.01
58	9.06E-01	0.03	-0.04	8.05E-01	-0.02	1.01E 00	0.01
57	8.91E-01	0.03	-0.04	7.89E-01	-0.02	9.92E-01	0.01
56	8.75E-01	0.02	-0.03	7.73E-01	-0.02	9.77E-01	0.01
55	8.59E-01	0.01	-0.02	7.58E-01	-0.03	9.61E-01	0.01
54	8.44E-01	-0.00	-0.01	7.42E-01	-0.03	9.45E-01	0.00
53	8.28E-01	-0.00	0.00	7.27E-01	-0.03	9.30E-01	-0.00
52	8.12E-01	-0.00	0.01	7.11E-01	-0.03	9.14E-01	-0.00
51	7.97E-01	-0.01	0.02	6.95E-01	-0.02	8.98E-01	-0.00
50	7.81E-01	-0.01	0.03	6.80E-01	-0.02	8.83E-01	-0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J= 7 I=12
$\alpha = \beta = 0°$ RJJ(0)= 1.2121E-01 RII(0)= 1.0540E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	-0.01	0.03	6.64E-01	-0.01	8.67E-01	-0.00
48	7.50E-01	-0.00	0.04	6.48E-01	-0.00	8.52E-01	0.00
47	7.34E-01	0.01	0.05	6.33E-01	0.01	8.36E-01	0.01
46	7.19E-01	0.01	0.06	6.17E-01	0.02	8.20E-01	0.02
45	7.03E-01	0.01	0.05	6.02E-01	0.03	8.05E-01	0.02
44	6.87E-01	0.00	0.05	5.86E-01	0.03	7.89E-01	0.03
43	6.72E-01	-0.00	0.04	5.70E-01	0.02	7.73E-01	0.03
42	6.56E-01	-0.01	0.03	5.55E-01	0.02	7.58E-01	0.04
41	6.41E-01	-0.02	0.02	5.39E-01	0.01	7.42E-01	0.05
40	6.25E-01	-0.04	-0.00	5.23E-01	0.01	7.27E-01	0.05
39	6.09E-01	-0.04	-0.02	5.08E-01	0.00	7.11E-01	0.04
38	5.94E-01	-0.04	-0.04	4.92E-01	-0.00	6.95E-01	0.04
37	5.78E-01	-0.04	-0.06	4.77E-01	-0.01	6.80E-01	0.03
36	5.62E-01	-0.04	-0.08	4.61E-01	-0.02	6.64E-01	0.03
35	5.47E-01	-0.04	-0.09	4.45E-01	-0.02	6.48E-01	0.03
34	5.31E-01	-0.04	-0.09	4.30E-01	-0.02	6.33E-01	0.02
33	5.16E-01	-0.04	-0.09	4.14E-01	-0.01	6.17E-01	0.01
32	5.00E-01	-0.05	-0.07	3.98E-01	-0.01	6.02E-01	0.00
31	4.84E-01	-0.05	-0.06	3.83E-01	-0.01	5.86E-01	-0.00
30	4.69E-01	-0.05	-0.04	3.67E-01	-0.01	5.70E-01	-0.01
29	4.53E-01	-0.06	-0.03	3.52E-01	-0.01	5.55E-01	-0.01
28	4.37E-01	-0.06	-0.02	3.36E-01	-0.01	5.39E-01	-0.02
27	4.22E-01	-0.05	-0.01	3.20E-01	-0.01	5.23E-01	-0.02
26	4.06E-01	-0.04	0.01	3.05E-01	-0.01	5.08E-01	-0.01
25	3.91E-01	-0.03	0.01	2.89E-01	-0.01	4.92E-01	-0.00
24	3.75E-01	-0.03	0.01	2.73E-01	-0.01	4.77E-01	-0.00
23	3.59E-01	-0.02	0.01	2.58E-01	-0.00	4.61E-01	0.00
22	3.44E-01	-0.02	0.00	2.42E-01	-0.00	4.45E-01	0.00
21	3.28E-01	-0.02	-0.01	2.27E-01	0.00	4.30E-01	0.00
20	3.12E-01	-0.03	-0.02	2.11E-01	0.01	4.14E-01	0.01
19	2.97E-01	-0.05	-0.04	1.95E-01	0.01	3.98E-01	0.02
18	2.81E-01	-0.05	-0.05	1.80E-01	0.01	3.83E-01	0.02
17	2.66E-01	-0.06	-0.06	1.64E-01	0.01	3.67E-01	0.02
16	2.50E-01	-0.06	-0.08	1.48E-01	0.01	3.52E-01	0.02
15	2.34E-01	-0.06	-0.09	1.33E-01	0.02	3.36E-01	0.01
14	2.19E-01	-0.07	-0.10	1.17E-01	0.02	3.20E-01	0.00
13	2.03E-01	-0.07	-0.11	1.02E-01	0.02	3.05E-01	-0.00
12	1.87E-01	-0.07	-0.11	8.59E-02	0.03	2.89E-01	-0.01
11	1.72E-01	-0.07	-0.10	7.03E-02	0.02	2.73E-01	-0.01
10	1.56E-01	-0.06	-0.07	5.46E-02	0.02	2.58E-01	-0.01
9	1.41E-01	-0.05	-0.04	3.90E-02	0.02	2.42E-01	-0.00
8	1.25E-01	-0.02	-0.01	2.34E-02	0.02	2.27E-01	-0.00

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CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J= 7 I=12
$\alpha = \beta = 0°$ RJJ(0)= 1.2121E-01 RII(0)= 1.0540E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.04	0.04	7.78E-03	0.01	2.11E-01	0.00
6	9.37E-02	0.10	0.12	-7.85E-03	0.01	1.95E-01	0.01
5	7.81E-02	0.19	0.20	-2.35E-02	0.00	1.80E-01	0.01
4	6.25E-02	0.32	0.29	-3.91E-02	-0.00	1.64E-01	0.01
3	4.69E-02	0.46	0.40	-5.47E-02	-0.01	1.48E-01	0.01
2	3.12E-02	0.62	0.57	-7.03E-02	-0.01	1.33E-01	0.00
1	1.56E-02	0.86	0.84	-8.60E-02	-0.01	1.17E-01	-0.00
0	0.	1.00	1.00	-1.02E-01	-0.01	1.02E-01	-0.01

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SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J= 7 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	7.06E-05	6.69E-05	0.19	-0.	0.19	360.00
182.86	9.8	0.33	1.50E-04	1.33E-04	0.09	-0.06	0.11	326.58
365.71	19.6	0.66	1.66E-04	1.29E-04	0.01	-0.10	0.10	272.87
548.57	29.3	0.99	1.95E-04	1.40E-04	-0.00	-0.12	0.12	267.96
731.43	39.1	1.32	2.41E-04	1.97E-04	0.00	-0.03	0.03	274.16
914.29	48.9	1.65	2.93E-04	2.32E-04	0.02	0.09	0.09	79.30
1097.14	58.7	1.99	3.07E-04	2.17E-04	0.03	0.11	0.11	74.83
1280.00	68.5	2.32	2.72E-04	2.21E-04	0.04	0.00	0.04	7.23
1462.86	78.3	2.65	2.54E-04	2.34E-04	0.04	-0.05	0.07	309.82
1645.71	88.0	2.98	2.40E-04	2.23E-04	0.05	-0.03	0.06	331.53
1828.57	97.8	3.31	2.20E-04	1.90E-04	0.02	0.02	0.03	35.15
2011.43	107.6	3.64	2.28E-04	1.62E-04	-0.01	0.09	0.09	97.68
2194.29	117.4	3.97	2.45E-04	1.76E-04	-0.03	0.14	0.14	101.62
2377.14	127.2	4.30	2.45E-04	2.09E-04	-0.04	0.11	0.12	110.88
2560.00	137.0	4.63	2.18E-04	2.29E-04	-0.02	0.07	0.07	106.35
2742.86	146.7	4.96	2.01E-04	2.60E-04	0.01	0.01	0.01	56.15
2925.71	156.5	5.30	2.25E-04	2.58E-04	0.04	-0.03	0.05	318.31
3108.57	166.3	5.63	2.28E-04	1.81E-04	0.06	-0.09	0.11	300.73
3291.43	176.1	5.96	1.82E-04	1.17E-04	-0.04	-0.12	0.12	251.57
3474.29	185.9	6.29	1.51E-04	9.80E-05	-0.08	0.04	0.09	153.36
3657.14	195.7	6.62	1.40E-04	9.48E-05	-0.03	0.18	0.18	100.41
3840.00	205.4	6.95	1.33E-04	9.85E-05	-0.04	0.17	0.17	104.09
4022.86	215.2	7.28	1.36E-04	9.31E-05	-0.05	0.07	0.09	125.05
4205.71	225.0	7.61	1.27E-04	8.37E-05	-0.07	0.05	0.08	146.99
4388.57	234.8	7.94	1.11E-04	8.25E-05	-0.08	0.09	0.12	129.91
4571.43	244.6	8.27	1.02E-04	8.67E-05	-0.03	0.05	0.06	118.02
4754.29	254.4	8.61	9.02E-05	8.63E-05	0.05	-0.05	0.07	315.17
4937.14	264.1	8.94	7.81E-05	7.46E-05	0.12	-0.01	0.12	353.12
5120.00	273.9	9.27	7.48E-05	6.46E-05	0.11	0.14	0.18	49.82
5302.86	283.7	9.60	8.70E-05	5.95E-05	0.07	0.10	0.12	52.39
5485.71	293.5	9.93	9.25E-05	4.97E-05	0.08	0.01	0.08	4.60
5668.57	303.3	10.26	7.94E-05	4.60E-05	0.07	0.01	0.07	6.59
5851.43	313.1	10.59	7.05E-05	5.52E-05	0.02	0.02	0.03	35.23
6034.29	322.8	10.92	6.71E-05	5.97E-05	0.03	0.01	0.03	10.49
6217.14	332.6	11.25	5.54E-05	5.30E-05	0.05	0.03	0.05	28.92
6400.00	342.4	11.58	4.10E-05	4.64E-05	0.07	0.02	0.07	18.00
6582.86	352.2	11.91	3.96E-05	4.35E-05	0.02	-0.09	0.09	279.76
6765.71	362.0	12.25	4.34E-05	4.28E-05	-0.11	-0.11	0.15	224.61
6948.57	371.7	12.58	3.99E-05	4.46E-05	-0.07	0.01	0.07	175.40
7131.43	381.5	12.91	3.44E-05	4.54E-05	0.04	0.03	0.05	43.11
7314.29	391.3	13.24	3.43E-05	3.95E-05	-0.01	-0.03	0.03	242.54
7497.14	401.1	13.57	3.84E-05	3.16E-05	-0.08	-0.04	0.09	204.33

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J= 7 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	410.9	13.90	3.56E-05	3.31E-05	-0.04	0.03	0.05	145.49
7862.86	420.7	14.23	3.00E-05	3.88E-05	0.08	0.05	0.10	32.53
8045.71	430.4	14.56	2.90E-05	3.82E-05	0.15	-0.01	0.15	354.58
8228.57	440.2	14.89	2.97E-05	3.50E-05	0.08	-0.05	0.09	324.31
8411.43	450.0	15.22	3.23E-05	3.24E-05	0.02	-0.03	0.04	301.41
8594.29	459.8	15.56	3.14E-05	3.01E-05	0.01	-0.06	0.06	280.99
8777.14	469.6	15.89	2.70E-05	2.93E-05	0.03	-0.05	0.06	303.82
8960.00	479.4	16.22	2.69E-05	2.79E-05	0.05	-0.06	0.08	307.45
9142.86	489.1	16.55	2.60E-05	2.49E-05	-0.05	-0.09	0.10	241.75
9325.71	498.9	16.88	2.30E-05	2.51E-05	-0.08	-0.09	0.12	230.14
9508.57	508.7	17.21	2.11E-05	2.54E-05	-0.06	-0.15	0.16	247.44
9691.43	518.5	17.54	1.97E-05	2.37E-05	-0.03	-0.09	0.10	253.65
9874.29	528.3	17.87	2.10E-05	2.53E-05	0.06	0.03	0.07	28.47
10057.14	538.1	18.20	2.22E-05	2.53E-05	0.09	0.06	0.11	36.04
10240.00	547.8	18.53	2.03E-05	2.27E-05	0.06	0.05	0.08	41.91
10422.86	557.6	18.87	1.85E-05	2.17E-05	0.01	0.10	0.10	82.63
10605.71	567.4	19.20	1.75E-05	2.21E-05	-0.01	0.14	0.15	92.18
10788.57	577.2	19.53	1.78E-05	2.20E-05	-0.01	0.10	0.10	93.20
10971.43	587.0	19.86	1.93E-05	2.16E-05	0.02	-0.01	0.02	343.07
11154.29	596.8	20.19	1.88E-05	1.98E-05	0.06	-0.12	0.14	297.25
11337.14	606.5	20.52	1.78E-05	1.69E-05	-0.00	-0.10	0.10	268.33
11520.00	616.3	20.85	1.69E-05	1.83E-05	-0.09	0.03	0.09	161.86
11702.86	626.1	21.18	1.48E-05	1.97E-05	-0.04	0.05	0.06	127.85
11885.71	635.9	21.51	1.47E-05	1.68E-05	0.05	0.01	0.05	13.26
12068.57	645.7	21.84	1.69E-05	1.72E-05	0.06	0.03	0.07	28.55
12251.43	655.5	22.18	1.75E-05	2.08E-05	0.05	0.07	0.09	56.30
12434.29	665.2	22.51	1.61E-05	2.14E-05	0.09	0.03	0.10	15.51
12617.14	675.0	22.84	1.49E-05	1.91E-05	0.10	-0.08	0.13	320.81
12800.00	684.8	23.17	1.36E-05	1.60E-05	0.03	-0.09	0.09	290.83
12982.86	694.6	23.50	1.23E-05	1.48E-05	-0.00	0.02	0.02	94.34
13165.71	704.4	23.83	1.07E-05	1.45E-05	0.04	0.08	0.09	62.51
13348.57	714.1	24.16	9.32E-06	1.37E-05	0.06	0.04	0.07	32.48
13531.43	723.9	24.49	1.02E-05	1.33E-05	-0.07	-0.05	0.09	215.44
13714.29	733.7	24.82	1.20E-05	1.37E-05	-0.08	-0.11	0.13	232.36
13897.14	743.5	25.15	1.21E-05	1.36E-05	-0.02	-0.11	0.11	262.14
14080.00	753.3	25.48	1.05E-05	1.23E-05	0.02	-0.06	0.06	290.14
14262.86	763.1	25.82	8.86E-06	1.30E-05	0.05	-0.04	0.06	324.97
14445.71	772.8	26.15	8.84E-06	1.41E-05	-0.02	-0.01	0.02	211.75
14628.57	782.6	26.48	1.01E-05	1.25E-05	-0.07	0.01	0.07	171.47
14811.43	792.4	26.81	1.04E-05	1.11E-05	-0.04	0.05	0.07	132.11
14994.29	802.2	27.14	9.49E-06	1.12E-05	0.01	0.12	0.12	87.03
15177.14	812.0	27.47	9.47E-06	1.13E-05	-0.01	0.07	0.07	97.77

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SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J= 7 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.00	821.8	27.80	1.00E-05	9.96E-06	-0.05	0.05	0.07	135.72
15542.86	831.5	28.13	9.62E-06	8.98E-06	-0.02	0.12	0.12	100.81
15725.71	841.3	28.46	9.48E-06	8.82E-06	-0.04	0.11	0.12	109.44
15908.57	851.1	28.79	9.48E-06	8.43E-06	-0.07	0.00	0.07	179.37
16091.43	860.9	29.13	8.89E-06	8.74E-06	-0.07	-0.10	0.13	234.36
16274.29	870.7	29.46	8.85E-06	8.65E-06	-0.07	-0.11	0.13	237.09
16457.14	880.5	29.79	8.51E-06	7.07E-06	-0.01	-0.10	0.10	262.47
16640.00	890.2	30.12	7.59E-06	7.06E-06	0.04	-0.07	0.09	300.13
16822.86	900.0	30.45	7.67E-06	7.69E-06	0.01	0.00	0.01	14.72
17005.71	909.8	30.78	7.87E-06	6.19E-06	-0.04	0.07	0.08	117.76
17188.57	919.6	31.11	8.25E-06	4.96E-06	-0.06	0.07	0.10	129.39
17371.43	929.4	31.44	8.75E-06	5.21E-06	-0.05	0.03	0.06	148.47
17554.29	939.2	31.77	8.25E-06	5.63E-06	-0.03	-0.01	0.04	199.84
17737.14	948.9	32.10	7.44E-06	5.92E-06	-0.04	0.03	0.04	145.32
17920.00	958.7	32.44	7.09E-06	6.11E-06	-0.04	0.03	0.05	138.67
18102.86	968.5	32.77	8.00E-06	5.84E-06	-0.09	-0.03	0.10	195.87
18285.71	978.3	33.10	8.81E-06	5.58E-06	-0.16	-0.03	0.16	189.49
18468.57	988.1	33.43	7.81E-06	5.19E-06	-0.17	-0.01	0.17	182.40
18651.43	997.9	33.76	6.55E-06	4.41E-06	-0.05	0.02	0.05	163.61
18834.29	1007.6	34.09	6.77E-06	4.50E-06	0.03	0.01	0.03	20.24
19017.14	1017.4	34.42	6.73E-06	4.74E-06	-0.06	0.03	0.07	155.35
19200.00	1027.2	34.75	5.99E-06	4.45E-06	-0.03	0.04	0.05	128.14
19382.86	1037.0	35.08	6.47E-06	4.38E-06	0.08	-0.04	0.09	332.46
19565.71	1046.8	35.41	6.41E-06	4.47E-06	0.01	-0.00	0.01	355.76
19748.57	1056.5	35.74	5.69E-06	4.64E-06	-0.05	0.19	0.20	105.09
19931.43	1066.3	36.08	5.88E-06	4.72E-06	0.09	0.20	0.22	66.23

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 5.5199E-01 RII(0)= 1.0396E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.01	0.02	2.65E 00	-0.01	2.82E 00	-0.01
174	2.72E 00	-0.01	0.02	2.63E 00	-0.01	2.81E 00	-0.02
173	2.70E 00	0.00	0.02	2.62E 00	-0.01	2.79E 00	-0.02
172	2.69E 00	0.00	0.01	2.60E 00	-0.01	2.78E 00	-0.02
171	2.67E 00	0.00	0.01	2.58E 00	-0.00	2.76E 00	-0.02
170	2.66E 00	0.00	0.01	2.57E 00	0.01	2.74E 00	-0.01
169	2.64E 00	0.00	-0.00	2.55E 00	0.02	2.73E 00	-0.00
168	2.62E 00	0.01	-0.01	2.54E 00	0.02	2.71E 00	0.00
167	2.61E 00	0.01	-0.02	2.52E 00	0.02	2.70E 00	0.01
166	2.59E 00	0.01	-0.03	2.51E 00	0.02	2.68E 00	0.01
165	2.58E 00	0.01	-0.03	2.49E 00	0.02	2.67E 00	0.01
164	2.56E 00	0.01	-0.03	2.47E 00	0.02	2.65E 00	0.02
163	2.55E 00	0.02	-0.03	2.46E 00	0.01	2.63E 00	0.02
162	2.53E 00	0.02	-0.02	2.44E 00	0.01	2.62E 00	0.02
161	2.52E 00	0.03	-0.02	2.43E 00	0.01	2.60E 00	0.02
160	2.50E 00	0.02	-0.01	2.41E 00	-0.00	2.59E 00	0.01
159	2.48E 00	0.02	-0.01	2.40E 00	-0.00	2.57E 00	0.01
158	2.47E 00	0.02	-0.00	2.38E 00	0.01	2.56E 00	0.01
157	2.45E 00	0.02	0.01	2.37E 00	0.01	2.54E 00	0.01
156	2.44E 00	0.02	0.02	2.35E 00	0.02	2.53E 00	0.01
155	2.42E 00	0.02	0.02	2.33E 00	0.02	2.51E 00	0.01
154	2.41E 00	0.03	0.03	2.32E 00	0.02	2.49E 00	0.01
153	2.39E 00	0.03	0.03	2.30E 00	0.02	2.48E 00	0.02
152	2.37E 00	0.03	0.03	2.29E 00	0.02	2.46E 00	0.02
151	2.36E 00	0.03	0.03	2.27E 00	0.02	2.45E 00	0.02
150	2.34E 00	0.03	0.03	2.26E 00	0.02	2.43E 00	0.02
149	2.33E 00	0.03	0.02	2.24E 00	0.01	2.42E 00	0.02
148	2.31E 00	0.04	0.01	2.22E 00	0.01	2.40E 00	0.02
147	2.30E 00	0.04	0.01	2.21E 00	0.01	2.38E 00	0.01
146	2.28E 00	0.03	0.01	2.19E 00	0.00	2.37E 00	0.01
145	2.27E 00	0.03	0.01	2.18E 00	-0.00	2.35E 00	0.01
144	2.25E 00	0.03	0.01	2.16E 00	-0.01	2.34E 00	0.01
143	2.23E 00	0.03	0.01	2.15E 00	-0.01	2.32E 00	0.01
142	2.22E 00	0.03	0.01	2.13E 00	-0.01	2.31E 00	0.00
141	2.20E 00	0.02	0.01	2.12E 00	-0.02	2.29E 00	0.00
140	2.19E 00	0.02	0.01	2.10E 00	-0.02	2.28E 00	0.00
139	2.17E 00	0.01	0.02	2.08E 00	-0.03	2.26E 00	0.00
138	2.16E 00	0.00	0.02	2.07E 00	-0.04	2.24E 00	0.00
137	2.14E 00	0.00	0.02	2.05E 00	-0.04	2.23E 00	-0.00
136	2.12E 00	0.01	0.02	2.04E 00	-0.04	2.21E 00	-0.01
135	2.11E 00	0.01	0.01	2.02E 00	-0.04	2.20E 00	-0.01
134	2.09E 00	0.01	0.01	2.01E 00	-0.03	2.18E 00	-0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 5.5199E-01 RII(0)= 1.0396E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.01	0.01	1.99E 00	-0.03	2.17E 00	-0.02
132	2.06E 00	0.01	0.02	1.97E 00	-0.03	2.15E 00	-0.02
131	2.05E 00	0.01	0.02	1.96E 00	-0.02	2.13E 00	-0.02
130	2.03E 00	0.01	0.01	1.94E 00	-0.02	2.12E 00	-0.02
129	2.02E 00	0.00	0.01	1.93E 00	-0.01	2.10E 00	-0.02
128	2.00E 00	0.00	0.00	1.91E 00	-0.01	2.09E 00	-0.02
127	1.98E 00	0.00	0.00	1.90E 00	-0.01	2.07E 00	-0.02
126	1.97E 00	0.00	0.00	1.88E 00	-0.01	2.06E 00	-0.02
125	1.95E 00	-0.00	-0.01	1.87E 00	-0.00	2.04E 00	-0.02
124	1.94E 00	-0.00	-0.01	1.85E 00	-0.01	2.03E 00	-0.02
123	1.92E 00	-0.00	-0.02	1.83E 00	-0.01	2.01E 00	-0.02
122	1.91E 00	-0.00	-0.02	1.82E 00	-0.02	1.99E 00	-0.02
121	1.89E 00	-0.00	-0.02	1.80E 00	-0.01	1.98E 00	-0.02
120	1.87E 00	0.00	-0.03	1.79E 00	-0.01	1.96E 00	-0.01
119	1.86E 00	0.00	-0.02	1.77E 00	0.00	1.95E 00	-0.01
118	1.84E 00	0.00	-0.01	1.76E 00	0.00	1.93E 00	-0.01
117	1.83E 00	0.00	0.00	1.74E 00	0.01	1.92E 00	-0.01
116	1.81E 00	0.01	0.01	1.72E 00	0.01	1.90E 00	-0.01
115	1.80E 00	0.01	0.02	1.71E 00	0.01	1.88E 00	-0.01
114	1.78E 00	0.01	0.02	1.69E 00	0.01	1.87E 00	-0.01
113	1.77E 00	0.01	0.02	1.68E 00	0.02	1.85E 00	-0.01
112	1.75E 00	0.02	0.02	1.66E 00	0.02	1.84E 00	-0.01
111	1.73E 00	0.02	0.02	1.65E 00	0.02	1.82E 00	-0.02
110	1.72E 00	0.02	0.02	1.63E 00	0.03	1.81E 00	-0.01
109	1.70E 00	0.01	0.02	1.62E 00	0.03	1.79E 00	-0.01
108	1.69E 00	0.01	0.02	1.60E 00	0.02	1.78E 00	-0.01
107	1.67E 00	0.01	0.02	1.58E 00	0.02	1.76E 00	-0.01
106	1.66E 00	0.01	0.02	1.57E 00	0.02	1.74E 00	0.00
105	1.64E 00	0.01	0.01	1.55E 00	0.01	1.73E 00	0.00
104	1.62E 00	0.02	0.00	1.54E 00	0.01	1.71E 00	0.00
103	1.61E 00	0.01	-0.01	1.52E 00	0.01	1.70E 00	-0.00
102	1.59E 00	0.01	-0.01	1.51E 00	0.01	1.68E 00	-0.00
101	1.58E 00	0.01	-0.01	1.49E 00	0.02	1.67E 00	-0.00
100	1.56E 00	0.01	-0.01	1.47E 00	0.02	1.65E 00	-0.01
99	1.55E 00	0.00	-0.03	1.46E 00	0.02	1.63E 00	-0.01
98	1.53E 00	-0.00	-0.04	1.44E 00	0.01	1.62E 00	-0.00
97	1.52E 00	-0.01	-0.03	1.43E 00	0.00	1.60E 00	0.00
96	1.50E 00	-0.01	-0.02	1.41E 00	-0.01	1.59E 00	0.01
95	1.48E 00	-0.01	-0.01	1.40E 00	-0.01	1.57E 00	0.01
94	1.47E 00	-0.01	0.00	1.38E 00	-0.02	1.56E 00	0.01
93	1.45E 00	-0.01	0.01	1.37E 00	-0.02	1.54E 00	0.01
92	1.44E 00	-0.01	0.01	1.35E 00	-0.02	1.53E 00	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 5.5199E-01 RII(0)= 1.0396E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	-0.00	0.01	1.33E 00	-0.02	1.51E 00	0.02
90	1.41E 00	0.00	0.01	1.32E 00	-0.03	1.49E 00	0.02
89	1.39E 00	0.01	0.02	1.30E 00	-0.03	1.48E 00	0.02
88	1.37E 00	0.01	0.02	1.29E 00	-0.02	1.46E 00	0.02
87	1.36E 00	0.01	0.02	1.27E 00	-0.02	1.45E 00	0.03
86	1.34E 00	0.03	0.02	1.26E 00	-0.02	1.43E 00	0.03
85	1.33E 00	0.03	0.01	1.24E 00	-0.02	1.42E 00	0.03
84	1.31E 00	0.04	0.00	1.22E 00	-0.00	1.40E 00	0.04
83	1.30E 00	0.04	-0.00	1.21E 00	0.01	1.38E 00	0.03
82	1.28E 00	0.04	-0.01	1.19E 00	0.01	1.37E 00	0.03
81	1.27E 00	0.04	-0.02	1.18E 00	0.01	1.35E 00	0.03
80	1.25E 00	0.04	-0.03	1.16E 00	0.01	1.34E 00	0.03
79	1.23E 00	0.04	-0.04	1.15E 00	0.02	1.32E 00	0.02
78	1.22E 00	0.04	-0.04	1.13E 00	0.02	1.31E 00	0.01
77	1.20E 00	0.04	-0.04	1.12E 00	0.03	1.29E 00	0.01
76	1.19E 00	0.04	-0.04	1.10E 00	0.04	1.28E 00	0.00
75	1.17E 00	0.04	-0.03	1.08E 00	0.03	1.26E 00	0.01
74	1.16E 00	0.04	-0.03	1.07E 00	0.04	1.24E 00	0.01
73	1.14E 00	0.04	-0.02	1.05E 00	0.05	1.23E 00	0.00
72	1.12E 00	0.04	-0.01	1.04E 00	0.05	1.21E 00	-0.00
71	1.11E 00	0.05	0.01	1.02E 00	0.06	1.20E 00	0.00
70	1.09E 00	0.05	0.03	1.01E 00	0.07	1.18E 00	0.00
69	1.08E 00	0.05	0.04	9.90E-01	0.07	1.17E 00	0.01
68	1.06E 00	0.04	0.05	9.74E-01	0.07	1.15E 00	0.00
67	1.05E 00	0.04	0.05	9.59E-01	0.07	1.13E 00	-0.00
66	1.03E 00	0.04	0.05	9.43E-01	0.06	1.12E 00	-0.00
65	1.02E 00	0.05	0.05	9.28E-01	0.05	1.10E 00	-0.00
64	10.00E-01	0.05	0.04	9.12E-01	0.04	1.09E 00	-0.00
63	9.84E-01	0.05	0.03	8.96E-01	0.03	1.07E 00	0.00
62	9.69E-01	0.05	0.02	8.81E-01	0.02	1.06E 00	0.01
61	9.53E-01	0.05	0.01	8.65E-01	0.02	1.04E 00	0.00
60	9.37E-01	0.04	-0.01	8.49E-01	0.02	1.03E 00	-0.00
59	9.22E-01	0.04	-0.02	8.34E-01	0.02	1.01E 00	-0.00
58	9.06E-01	0.04	-0.02	8.18E-01	0.03	9.94E-01	0.00
57	8.91E-01	0.03	-0.02	8.03E-01	0.03	9.79E-01	0.00
56	8.75E-01	0.03	-0.01	7.87E-01	0.02	9.63E-01	0.00
55	8.59E-01	0.02	-0.02	7.71E-01	0.02	9.47E-01	0.00
54	8.44E-01	0.02	-0.02	7.56E-01	0.03	9.32E-01	0.00
53	8.28E-01	0.02	-0.02	7.40E-01	0.03	9.16E-01	0.00
52	8.12E-01	0.02	-0.02	7.24E-01	0.03	9.01E-01	-0.00
51	7.97E-01	0.02	-0.02	7.09E-01	0.04	8.85E-01	-0.00
50	7.81E-01	0.02	-0.02	6.93E-01	0.04	8.69E-01	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 5.5199E-01 RII(0)= 1.0396E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.02	-0.01	6.78E-01	0.04	8.54E-01	0.00
48	7.50E-01	0.02	0.01	6.62E-01	0.05	8.38E-01	-0.00
47	7.34E-01	0.01	0.03	6.46E-01	0.04	8.22E-01	-0.01
46	7.19E-01	0.02	0.04	6.31E-01	0.03	8.07E-01	-0.01
45	7.03E-01	0.02	0.04	6.15E-01	0.01	7.91E-01	-0.00
44	6.87E-01	0.01	0.04	5.99E-01	0.00	7.76E-01	0.00
43	6.72E-01	0.00	0.03	5.84E-01	-0.00	7.60E-01	0.01
42	6.56E-01	-0.00	0.03	5.68E-01	-0.02	7.44E-01	0.01
41	6.41E-01	-0.01	0.02	5.53E-01	-0.04	7.29E-01	0.01
40	6.25E-01	-0.02	0.01	5.37E-01	-0.07	7.13E-01	0.00
39	6.09E-01	-0.03	-0.01	5.21E-01	-0.09	6.97E-01	0.00
38	5.94E-01	-0.04	-0.03	5.06E-01	-0.12	6.82E-01	-0.01
37	5.78E-01	-0.05	-0.05	4.90E-01	-0.14	6.66E-01	-0.01
36	5.62E-01	-0.06	-0.07	4.74E-01	-0.17	6.51E-01	-0.00
35	5.47E-01	-0.06	-0.08	4.59E-01	-0.19	6.35E-01	0.00
34	5.31E-01	-0.06	-0.09	4.43E-01	-0.21	6.19E-01	-0.00
33	5.16E-01	-0.07	-0.09	4.28E-01	-0.22	6.04E-01	-0.01
32	5.00E-01	-0.07	-0.08	4.12E-01	-0.22	5.88E-01	-0.02
31	4.84E-01	-0.07	-0.07	3.96E-01	-0.22	5.72E-01	-0.02
30	4.69E-01	-0.06	-0.06	3.81E-01	-0.21	5.57E-01	-0.02
29	4.53E-01	-0.06	-0.06	3.65E-01	-0.19	5.41E-01	-0.02
28	4.37E-01	-0.06	-0.05	3.49E-01	-0.18	5.26E-01	-0.03
27	4.22E-01	-0.05	-0.04	3.34E-01	-0.16	5.10E-01	-0.03
26	4.06E-01	-0.04	-0.02	3.18E-01	-0.14	4.94E-01	-0.02
25	3.91E-01	-0.03	0.00	3.03E-01	-0.13	4.79E-01	-0.02
24	3.75E-01	-0.03	0.02	2.87E-01	-0.12	4.63E-01	-0.02
23	3.59E-01	-0.02	0.02	2.71E-01	-0.11	4.47E-01	-0.02
22	3.44E-01	-0.00	0.01	2.56E-01	-0.09	4.32E-01	-0.01
21	3.28E-01	0.01	-0.00	2.40E-01	-0.08	4.16E-01	-0.00
20	3.12E-01	0.03	-0.02	2.24E-01	-0.07	4.01E-01	0.01
19	2.97E-01	0.04	-0.05	2.09E-01	-0.06	3.85E-01	0.02
18	2.81E-01	0.06	-0.06	1.93E-01	-0.04	3.69E-01	0.02
17	2.66E-01	0.08	-0.08	1.78E-01	-0.03	3.54E-01	0.02
16	2.50E-01	0.10	-0.09	1.62E-01	-0.02	3.38E-01	0.02
15	2.34E-01	0.13	-0.11	1.46E-01	-0.02	3.22E-01	0.02
14	2.19E-01	0.16	-0.13	1.31E-01	-0.01	3.07E-01	0.02
13	2.03E-01	0.18	-0.13	1.15E-01	0.00	2.91E-01	0.02
12	1.87E-01	0.21	-0.12	9.94E-02	0.01	2.76E-01	0.03
11	1.72E-01	0.25	-0.10	8.38E-02	0.02	2.60E-01	0.03
10	1.56E-01	0.28	-0.07	6.81E-02	0.02	2.44E-01	0.04
9	1.41E-01	0.31	-0.04	5.25E-02	0.03	2.29E-01	0.05
8	1.25E-01	0.35	0.01	3.69E-02	0.03	2.13E-01	0.06

[redacted]

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 5.5199E-01 RII(0)= 1.0396E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.41	0.07	2.13E-02	0.03	1.97E-01	0.06
6	9.37E-02	0.45	0.13	5.65E-03	0.04	1.82E-01	0.06
5	7.81E-02	0.50	0.20	-9.98E-03	0.04	1.66E-01	0.07
4	6.25E-02	0.56	0.30	-2.56E-02	0.04	1.51E-01	0.07
3	4.69E-02	0.60	0.41	-4.12E-02	0.04	1.35E-01	0.07
2	3.12E-02	0.67	0.57	-5.68E-02	0.04	1.19E-01	0.06
1	1.56E-02	0.87	0.84	-7.25E-02	0.04	1.04E-01	0.06
0	0.	1.00	1.00	-8.81E-02	0.05	8.81E-02	0.05

[redacted]

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	1.29E-03	5.36E-05	-0.16	0.	0.16	180.00
182.86	9.8	0.33	2.31E-03	1.10E-04	-0.20	-0.12	0.23	211.51
365.71	19.6	0.66	2.01E-03	1.32E-04	-0.24	-0.28	0.36	229.03
548.57	29.3	0.99	2.05E-03	1.59E-04	-0.09	-0.40	0.41	257.90
731.43	39.1	1.32	2.32E-03	1.87E-04	0.17	-0.46	0.49	289.79
914.29	48.9	1.65	2.43E-03	2.25E-04	0.27	-0.40	0.49	303.94
1097.14	58.7	1.99	2.14E-03	2.44E-04	0.36	-0.24	0.43	326.05
1280.00	68.5	2.32	1.69E-03	2.37E-04	0.42	-0.06	0.42	352.00
1462.86	78.3	2.65	1.30E-03	2.12E-04	0.31	0.03	0.31	5.87
1645.71	88.0	2.98	1.08E-03	2.05E-04	0.17	0.06	0.18	19.25
1828.57	97.8	3.31	8.38E-04	2.10E-04	0.07	0.19	0.20	69.52
2011.43	107.6	3.64	5.89E-04	2.02E-04	-0.07	0.35	0.36	101.61
2194.29	117.4	3.97	5.18E-04	1.94E-04	-0.27	0.28	0.39	134.81
2377.14	127.2	4.30	5.13E-04	1.84E-04	-0.40	0.08	0.41	168.33
2560.00	137.0	4.63	4.62E-04	1.93E-04	-0.29	-0.07	0.30	193.70
2742.86	146.7	4.96	4.38E-04	2.48E-04	-0.07	-0.13	0.15	241.22
2925.71	156.5	5.30	4.74E-04	2.71E-04	0.03	-0.15	0.16	281.72
3108.57	166.3	5.63	4.45E-04	2.02E-04	0.08	-0.15	0.17	297.88
3291.43	176.1	5.96	3.31E-04	1.29E-04	0.09	-0.07	0.11	322.02
3474.29	185.9	6.29	2.51E-04	1.04E-04	0.08	0.03	0.08	20.53
3657.14	195.7	6.62	2.36E-04	9.41E-05	0.00	0.08	0.08	88.05
3840.00	205.4	6.95	2.51E-04	8.22E-05	-0.08	0.11	0.13	124.33
4022.86	215.2	7.28	2.40E-04	6.96E-05	-0.02	0.16	0.17	97.20
4205.71	225.0	7.61	2.29E-04	6.49E-05	0.00	0.25	0.25	89.67
4388.57	234.8	7.94	2.48E-04	6.98E-05	-0.10	0.22	0.24	115.83
4571.43	244.6	8.27	2.30E-04	7.49E-05	-0.15	0.08	0.17	150.57
4754.29	254.4	8.61	1.95E-04	7.14E-05	-0.10	0.02	0.10	165.57
4937.14	264.1	8.94	1.88E-04	6.41E-05	0.01	0.05	0.05	80.34
5120.00	273.9	9.27	1.90E-04	5.30E-05	0.10	0.03	0.10	14.96
5302.86	283.7	9.60	1.85E-04	4.94E-05	0.10	-0.03	0.10	342.94
5485.71	293.5	9.93	1.67E-04	5.84E-05	0.03	-0.05	0.06	305.94
5668.57	303.3	10.26	1.54E-04	6.16E-05	0.06	-0.05	0.08	322.91
5851.43	313.1	10.59	1.49E-04	5.84E-05	0.08	-0.10	0.12	309.28
6034.29	322.8	10.92	1.48E-04	5.63E-05	0.06	-0.05	0.08	323.12
6217.14	332.6	11.25	1.52E-04	5.06E-05	0.07	0.12	0.14	58.74
6400.00	342.4	11.58	1.38E-04	4.32E-05	0.04	0.17	0.17	76.94
6582.86	352.2	11.91	1.27E-04	4.25E-05	-0.03	0.06	0.06	117.85
6765.71	362.0	12.25	1.35E-04	4.50E-05	-0.03	-0.02	0.03	212.84
6948.57	371.7	12.58	1.37E-04	4.25E-05	-0.03	-0.04	0.05	234.24
7131.43	381.5	12.91	1.30E-04	3.80E-05	-0.08	-0.07	0.11	221.75
7314.29	391.3	13.24	1.21E-04	3.50E-05	-0.06	-0.01	0.06	190.55
7497.14	401.1	13.57	1.18E-04	3.49E-05	0.05	0.14	0.15	71.73

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********		*COHERENCY*			
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	410.9	13.90	1.12E-04	3.71E-05	0.03	0.15	0.16	79.73
7862.86	420.7	14.23	1.05E-04	3.84E-05	-0.02	0.05	0.06	111.72
8045.71	430.4	14.56	1.07E-04	4.16E-05	0.06	-0.03	0.07	332.24
8228.57	440.2	14.89	1.06E-04	4.56E-05	0.08	-0.10	0.13	306.09
8411.43	450.0	15.22	1.06E-04	4.09E-05	0.04	-0.15	0.16	286.21
8594.29	459.8	15.56	1.12E-04	3.18E-05	0.03	-0.16	0.16	282.20
8777.14	469.6	15.89	1.08E-04	2.84E-05	0.01	-0.11	0.11	275.88
8960.00	479.4	16.22	1.11E-04	2.61E-05	0.04	-0.00	0.04	359.89
9142.86	489.1	16.55	1.21E-04	2.32E-05	0.04	0.10	0.11	67.43
9325.71	498.9	16.88	1.11E-04	2.42E-05	0.01	0.07	0.07	78.23
9508.57	508.7	17.21	1.00E-04	2.49E-05	0.02	-0.05	0.05	290.61
9691.43	518.5	17.54	1.04E-04	2.18E-05	-0.04	-0.12	0.13	253.24
9874.29	528.3	17.87	1.15E-04	1.99E-05	-0.12	-0.11	0.16	220.96
10057.14	538.1	18.20	1.12E-04	2.30E-05	-0.12	0.00	0.12	179.74
10240.00	547.8	18.53	9.50E-05	2.47E-05	-0.05	0.08	0.09	121.49
10422.86	557.6	18.87	8.61E-05	2.09E-05	-0.00	0.06	0.06	91.10
10605.71	567.4	19.20	8.40E-05	1.98E-05	0.02	-0.02	0.03	321.18
10788.57	577.2	19.53	8.94E-05	2.27E-05	0.03	-0.03	0.05	312.37
10971.43	587.0	19.86	9.49E-05	2.34E-05	0.01	0.07	0.07	81.64
11154.29	596.8	20.19	9.33E-05	2.12E-05	-0.03	0.11	0.12	103.99
11337.14	606.5	20.52	8.57E-05	2.05E-05	-0.06	0.01	0.06	170.81
11520.00	616.3	20.85	7.93E-05	2.09E-05	-0.09	-0.06	0.11	215.46
11702.86	626.1	21.18	7.87E-05	1.80E-05	-0.04	0.01	0.04	171.66
11885.71	635.9	21.51	7.84E-05	1.56E-05	0.03	0.09	0.10	70.32
12068.57	645.7	21.84	7.76E-05	1.68E-05	0.01	0.05	0.05	74.72
12251.43	655.5	22.18	7.42E-05	1.76E-05	0.03	0.03	0.04	38.68
12434.29	665.2	22.51	7.26E-05	1.69E-05	0.08	0.11	0.14	54.02
12617.14	675.0	22.84	8.10E-05	1.71E-05	0.07	0.16	0.18	66.07
12800.00	684.8	23.17	8.65E-05	1.51E-05	0.06	0.09	0.11	55.95
12982.86	694.6	23.50	8.00E-05	1.25E-05	0.04	-0.04	0.05	311.04
13165.71	704.4	23.83	7.31E-05	1.27E-05	0.02	-0.12	0.12	277.63
13348.57	714.1	24.16	6.98E-05	1.35E-05	0.03	-0.12	0.12	283.84
13531.43	723.9	24.49	6.41E-05	1.38E-05	0.01	-0.02	0.03	304.28
13714.29	733.7	24.82	5.91E-05	1.21E-05	-0.00	0.05	0.05	95.43
13897.14	743.5	25.15	5.44E-05	1.05E-05	-0.02	0.02	0.03	137.17
14080.00	753.3	25.48	5.14E-05	1.02E-05	-0.02	0.04	0.04	113.09
14262.86	763.1	25.82	5.09E-05	9.55E-06	0.05	0.07	0.08	52.84
14445.71	772.8	26.15	4.72E-05	9.68E-06	0.05	0.01	0.05	14.80
14628.57	782.6	26.48	4.69E-05	1.08E-05	-0.08	-0.07	0.10	221.02
14811.43	792.4	26.81	5.21E-05	1.11E-05	-0.10	-0.11	0.15	228.31
14994.29	802.2	27.14	5.58E-05	1.07E-05	-0.01	-0.12	0.12	263.87
15177.14	812.0	27.47	5.36E-05	1.01E-05	-0.01	-0.15	0.15	268.01

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.00	821.8	27.80	5.20E-05	8.70E-06	-0.04	-0.20	0.21	258.10
15542.86	831.5	28.13	5.34E-05	8.06E-06	-0.02	-0.15	0.15	263.47
15725.71	841.3	28.46	5.06E-05	8.82E-06	-0.00	-0.02	0.02	260.68
15908.57	851.1	28.79	4.55E-05	8.31E-06	-0.01	0.06	0.06	100.77
16091.43	860.9	29.13	4.05E-05	7.97E-06	0.01	0.05	0.05	76.45
16274.29	870.7	29.46	3.78E-05	9.08E-06	0.02	0.03	0.03	50.14
16457.14	880.5	29.79	4.37E-05	9.23E-06	-0.04	0.05	0.06	125.32
16640.00	890.2	30.12	4.96E-05	8.46E-06	-0.08	0.05	0.09	149.35
16822.86	900.0	30.45	4.91E-05	7.86E-06	-0.02	0.04	0.05	116.88
17005.71	909.8	30.78	5.03E-05	7.37E-06	0.09	0.12	0.15	52.07
17188.57	919.6	31.11	4.89E-05	6.72E-06	0.16	0.16	0.22	45.40
17371.43	929.4	31.44	4.17E-05	5.81E-06	0.06	0.13	0.15	66.00
17554.29	939.2	31.77	3.74E-05	5.45E-06	-0.07	0.16	0.17	115.61
17737.14	948.9	32.10	3.90E-05	6.18E-06	-0.06	0.13	0.14	114.69
17920.00	958.7	32.44	3.96E-05	7.39E-06	-0.05	0.05	0.07	133.86
18102.86	968.5	32.77	3.62E-05	7.77E-06	-0.02	0.04	0.05	115.75
18285.71	978.3	33.10	3.25E-05	7.30E-06	0.08	0.01	0.08	5.89
18468.57	988.1	33.43	3.51E-05	7.49E-06	0.10	-0.09	0.13	318.21
18651.43	997.9	33.76	4.24E-05	7.81E-06	0.08	-0.10	0.13	308.54
18834.29	1007.6	34.09	3.98E-05	6.95E-06	0.07	-0.10	0.12	304.77
19017.14	1017.4	34.42	3.14E-05	5.88E-06	-0.00	-0.12	0.12	269.08
19200.00	1027.2	34.75	2.90E-05	5.43E-06	-0.05	-0.08	0.09	237.47
19382.86	1037.0	35.08	2.98E-05	5.01E-06	0.01	-0.04	0.04	277.87
19565.71	1046.8	35.41	3.16E-05	4.83E-06	0.09	0.01	0.09	4.40
19748.57	1056.5	35.74	3.30E-05	5.26E-06	0.20	0.19	0.27	43.65
19931.43	1066.3	36.08	3.02E-05	5.31E-06	0.20	0.24	0.32	50.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=11 I=12
$\alpha = \beta = 0°$ RJJ(0)= 3.4570E-01 RII(0)= 1.0871E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	0.03	-0.02	2.63E 00	-0.01	2.84E 00	0.05
174	2.72E 00	0.03	-0.02	2.61E 00	-0.01	2.82E 00	0.04
173	2.70E 00	0.02	-0.03	2.60E 00	-0.01	2.81E 00	0.03
172	2.69E 00	0.01	-0.02	2.58E 00	-0.01	2.79E 00	0.03
171	2.67E 00	0.01	-0.01	2.57E 00	-0.02	2.78E 00	0.03
170	2.66E 00	0.00	-0.01	2.55E 00	-0.01	2.76E 00	0.02
169	2.64E 00	-0.01	-0.00	2.54E 00	-0.00	2.75E 00	0.02
168	2.62E 00	-0.01	0.01	2.52E 00	0.01	2.73E 00	0.02
167	2.61E 00	-0.02	0.01	2.50E 00	0.01	2.71E 00	0.02
166	2.59E 00	-0.03	0.02	2.49E 00	0.02	2.70E 00	0.01
165	2.58E 00	-0.03	0.02	2.47E 00	0.02	2.68E 00	0.01
164	2.56E 00	-0.02	0.02	2.46E 00	0.01	2.67E 00	0.00
163	2.55E 00	-0.02	0.02	2.44E 00	0.01	2.65E 00	-0.00
162	2.53E 00	-0.01	0.02	2.43E 00	0.01	2.64E 00	-0.01
161	2.52E 00	-0.02	0.01	2.41E 00	0.00	2.62E 00	-0.02
160	2.50E 00	-0.02	0.01	2.39E 00	0.00	2.61E 00	-0.01
159	2.48E 00	-0.01	0.01	2.38E 00	0.00	2.59E 00	-0.01
158	2.47E 00	-0.01	0.01	2.36E 00	0.00	2.57E 00	-0.00
157	2.45E 00	-0.02	0.01	2.35E 00	0.00	2.56E 00	0.00
156	2.44E 00	-0.01	0.02	2.33E 00	0.01	2.54E 00	0.00
155	2.42E 00	0.00	0.03	2.32E 00	0.01	2.53E 00	0.00
154	2.41E 00	0.01	0.03	2.30E 00	0.01	2.51E 00	0.00
153	2.39E 00	0.01	0.02	2.29E 00	0.02	2.50E 00	0.00
152	2.37E 00	0.01	0.02	2.27E 00	0.03	2.48E 00	0.00
151	2.36E 00	-0.00	0.02	2.25E 00	0.03	2.46E 00	-0.00
150	2.34E 00	-0.01	0.03	2.24E 00	0.04	2.45E 00	-0.01
149	2.33E 00	-0.01	0.03	2.22E 00	0.04	2.43E 00	-0.01
148	2.31E 00	-0.01	0.03	2.21E 00	0.04	2.42E 00	-0.01
147	2.30E 00	-0.02	0.02	2.19E 00	0.04	2.40E 00	-0.01
146	2.28E 00	-0.03	0.01	2.18E 00	0.03	2.39E 00	-0.01
145	2.27E 00	-0.03	0.01	2.16E 00	0.01	2.37E 00	-0.01
144	2.25E 00	-0.03	-0.00	2.14E 00	0.00	2.36E 00	-0.01
143	2.23E 00	-0.03	-0.00	2.13E 00	-0.01	2.34E 00	-0.02
142	2.22E 00	-0.03	-0.01	2.11E 00	-0.01	2.32E 00	-0.02
141	2.20E 00	-0.02	-0.01	2.10E 00	-0.01	2.31E 00	-0.01
140	2.19E 00	-0.02	-0.01	2.08E 00	-0.02	2.29E 00	-0.01
139	2.17E 00	-0.01	-0.01	2.07E 00	-0.02	2.28E 00	-0.01
138	2.16E 00	-0.01	-0.02	2.05E 00	-0.02	2.26E 00	-0.01
137	2.14E 00	-0.01	-0.01	2.04E 00	-0.01	2.25E 00	0.00
136	2.12E 00	-0.00	-0.01	2.02E 00	-0.02	2.23E 00	0.01
135	2.11E 00	-0.00	-0.01	2.00E 00	-0.01	2.21E 00	0.02
134	2.09E 00	-0.00	0.00	1.99E 00	-0.01	2.20E 00	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=11 I=12
$\alpha = \beta = 0°$ RJJ(0)= 3.4570E-01 RII(0)= 1.0871E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.00	0.01	1.97E 00	-0.01	2.18E 00	0.02
132	2.06E 00	0.01	0.02	1.96E 00	-0.01	2.17E 00	0.02
131	2.05E 00	0.02	0.03	1.94E 00	-0.01	2.15E 00	0.03
130	2.03E 00	0.03	0.03	1.93E 00	-0.01	2.14E 00	0.04
129	2.02E 00	0.03	0.03	1.91E 00	-0.01	2.12E 00	0.05
128	2.00E 00	0.03	0.02	1.89E 00	-0.01	2.11E 00	0.06
127	1.98E 00	0.03	0.01	1.88E 00	-0.01	2.09E 00	0.06
126	1.97E 00	0.03	0.00	1.86E 00	-0.01	2.07E 00	0.05
125	1.95E 00	0.03	-0.00	1.85E 00	-0.02	2.06E 00	0.05
124	1.94E 00	0.02	-0.01	1.83E 00	-0.02	2.04E 00	0.04
123	1.92E 00	0.01	-0.01	1.82E 00	-0.03	2.03E 00	0.03
122	1.91E 00	0.00	-0.01	1.80E 00	-0.04	2.01E 00	0.02
121	1.89E 00	-0.00	-0.01	1.79E 00	-0.05	2.00E 00	0.01
120	1.87E 00	-0.00	-0.01	1.77E 00	-0.05	1.98E 00	0.00
119	1.86E 00	-0.00	-0.01	1.75E 00	-0.04	1.96E 00	-0.00
118	1.84E 00	-0.00	-0.01	1.74E 00	-0.04	1.95E 00	-0.01
117	1.83E 00	0.00	-0.01	1.72E 00	-0.04	1.93E 00	-0.02
116	1.81E 00	0.00	-0.00	1.71E 00	-0.03	1.92E 00	-0.02
115	1.80E 00	-0.00	0.00	1.69E 00	-0.02	1.90E 00	-0.01
114	1.78E 00	-0.00	-0.00	1.68E 00	-0.02	1.89E 00	-0.00
113	1.77E 00	-0.00	-0.01	1.66E 00	-0.02	1.87E 00	0.01
112	1.75E 00	0.00	-0.01	1.64E 00	-0.03	1.86E 00	0.02
111	1.73E 00	0.01	-0.01	1.63E 00	-0.02	1.84E 00	0.03
110	1.72E 00	0.01	-0.01	1.61E 00	-0.02	1.82E 00	0.02
109	1.70E 00	0.01	-0.02	1.60E 00	-0.01	1.81E 00	0.02
108	1.69E 00	0.01	-0.01	1.58E 00	-0.00	1.79E 00	0.02
107	1.67E 00	0.01	-0.01	1.57E 00	-0.01	1.78E 00	0.02
106	1.66E 00	0.01	-0.00	1.55E 00	-0.01	1.76E 00	0.01
105	1.64E 00	0.01	-0.00	1.54E 00	-0.01	1.75E 00	0.00
104	1.62E 00	0.01	-0.02	1.52E 00	-0.00	1.73E 00	0.00
103	1.61E 00	0.01	-0.03	1.50E 00	-0.00	1.71E 00	0.01
102	1.59E 00	0.01	-0.04	1.49E 00	-0.00	1.70E 00	0.01
101	1.58E 00	0.01	-0.04	1.47E 00	0.00	1.68E 00	0.00
100	1.56E 00	0.00	-0.04	1.46E 00	0.00	1.67E 00	-0.01
99	1.55E 00	0.00	-0.04	1.44E 00	-0.01	1.65E 00	-0.01
98	1.53E 00	-0.01	-0.04	1.43E 00	-0.02	1.64E 00	-0.01
97	1.52E 00	-0.02	-0.03	1.41E 00	-0.03	1.62E 00	-0.01
96	1.50E 00	-0.02	-0.02	1.39E 00	-0.03	1.61E 00	-0.02
95	1.48E 00	-0.03	-0.02	1.38E 00	-0.03	1.59E 00	-0.02
94	1.47E 00	-0.03	-0.01	1.36E 00	-0.03	1.57E 00	-0.02
93	1.45E 00	-0.03	-0.01	1.35E 00	-0.02	1.56E 00	-0.01
92	1.44E 00	-0.03	-0.01	1.33E 00	-0.01	1.54E 00	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=11 I=12
$\alpha = \beta = 0°$ RJJ(0)= 3.4570E-01 RII(0)= 1.0871E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	-0.03	-0.00	1.32E 00	-0.00	1.53E 00	0.01
90	1.41E 00	-0.03	0.01	1.30E 00	0.01	1.51E 00	0.01
89	1.39E 00	-0.03	0.01	1.29E 00	0.02	1.50E 00	0.01
88	1.37E 00	-0.03	0.02	1.27E 00	0.03	1.48E 00	0.02
87	1.36E 00	-0.03	0.03	1.25E 00	0.03	1.46E 00	0.02
86	1.34E 00	-0.03	0.04	1.24E 00	0.03	1.45E 00	0.01
85	1.33E 00	-0.04	0.05	1.22E 00	0.04	1.43E 00	0.01
84	1.31E 00	-0.03	0.04	1.21E 00	0.05	1.42E 00	0.01
83	1.30E 00	-0.02	0.03	1.19E 00	0.05	1.40E 00	0.00
82	1.28E 00	-0.02	0.02	1.18E 00	0.05	1.39E 00	-0.00
81	1.27E 00	-0.02	0.00	1.16E 00	0.04	1.37E 00	-0.02
80	1.25E 00	-0.01	-0.00	1.14E 00	0.05	1.36E 00	-0.03
79	1.23E 00	-0.01	-0.01	1.13E 00	0.05	1.34E 00	-0.03
78	1.22E 00	-0.01	-0.03	1.11E 00	0.05	1.32E 00	-0.04
77	1.20E 00	-0.01	-0.03	1.10E 00	0.04	1.31E 00	-0.04
76	1.19E 00	0.00	-0.03	1.08E 00	0.04	1.29E 00	-0.04
75	1.17E 00	0.01	-0.03	1.07E 00	0.04	1.28E 00	-0.04
74	1.16E 00	0.01	-0.03	1.05E 00	0.03	1.26E 00	-0.03
73	1.14E 00	0.01	-0.02	1.04E 00	0.03	1.25E 00	-0.03
72	1.12E 00	0.00	-0.01	1.02E 00	0.02	1.23E 00	-0.02
71	1.11E 00	0.01	-0.01	1.00E 00	0.01	1.21E 00	-0.02
70	1.09E 00	0.01	-0.00	9.88E-01	-0.00	1.20E 00	-0.02
69	1.08E 00	0.01	0.00	9.73E-01	-0.01	1.18E 00	-0.03
68	1.06E 00	0.01	0.01	9.57E-01	-0.01	1.17E 00	-0.03
67	1.05E 00	0.01	0.01	9.41E-01	-0.01	1.15E 00	-0.02
66	1.03E 00	0.01	0.01	9.26E-01	-0.01	1.14E 00	-0.02
65	1.02E 00	0.00	0.00	9.10E-01	-0.01	1.12E 00	-0.02
64	1.00E-01	-0.01	-0.01	8.94E-01	-0.00	1.11E 00	-0.01
63	9.84E-01	-0.02	-0.01	8.79E-01	0.00	1.09E 00	-0.01
62	9.69E-01	-0.03	-0.01	8.63E-01	0.01	1.07E 00	-0.00
61	9.53E-01	-0.04	-0.01	8.48E-01	0.01	1.06E 00	-0.00
60	9.37E-01	-0.03	-0.02	8.32E-01	0.02	1.04E 00	-0.00
59	9.22E-01	-0.03	-0.03	8.16E-01	0.02	1.03E 00	-0.00
58	9.06E-01	-0.02	-0.04	8.01E-01	0.02	1.01E 00	0.01
57	8.91E-01	-0.01	-0.04	7.85E-01	0.01	9.96E-01	0.01
56	8.75E-01	0.00	-0.05	7.69E-01	0.01	9.81E-01	0.01
55	8.59E-01	0.01	-0.04	7.54E-01	0.00	9.65E-01	0.01
54	8.44E-01	0.02	-0.04	7.38E-01	-0.00	9.49E-01	0.01
53	8.28E-01	0.02	-0.03	7.23E-01	-0.00	9.34E-01	0.00
52	8.12E-01	0.02	-0.03	7.07E-01	-0.00	9.18E-01	0.00
51	7.97E-01	0.03	-0.02	6.91E-01	0.00	9.02E-01	0.01
50	7.81E-01	0.03	-0.01	6.76E-01	0.01	8.87E-01	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=11 I=12
$\alpha = \beta = 0°$ RJJ(0)= 3.4570E-01 RII(0)= 1.0871E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.04	0.01	6.60E-01	0.02	8.71E-01	0.03
48	7.50E-01	0.05	0.02	6.44E-01	0.03	8.56E-01	0.03
47	7.34E-01	0.04	0.02	6.29E-01	0.04	8.40E-01	0.03
46	7.19E-01	0.04	0.03	6.13E-01	0.04	8.24E-01	0.03
45	7.03E-01	0.04	0.03	5.98E-01	0.05	8.09E-01	0.03
44	6.87E-01	0.03	0.04	5.82E-01	0.06	7.93E-01	0.02
43	6.72E-01	0.01	0.04	5.66E-01	0.06	7.77E-01	0.02
42	6.56E-01	0.00	0.03	5.51E-01	0.07	7.62E-01	0.01
41	6.41E-01	-0.00	0.03	5.35E-01	0.08	7.46E-01	0.01
40	6.25E-01	-0.00	0.01	5.19E-01	0.09	7.31E-01	-0.00
39	6.09E-01	-0.01	-0.01	5.04E-01	0.09	7.15E-01	-0.01
38	5.94E-01	-0.02	-0.03	4.88E-01	0.09	6.99E-01	-0.02
37	5.78E-01	-0.02	-0.04	4.73E-01	0.09	6.84E-01	-0.02
36	5.62E-01	-0.01	-0.05	4.57E-01	0.10	6.68E-01	-0.02
35	5.47E-01	-0.00	-0.05	4.41E-01	0.11	6.52E-01	-0.03
34	5.31E-01	0.00	-0.05	4.26E-01	0.12	6.37E-01	-0.04
33	5.16E-01	0.00	-0.05	4.10E-01	0.13	6.21E-01	-0.04
32	5.00E-01	0.01	-0.06	3.94E-01	0.15	6.06E-01	-0.03
31	4.84E-01	0.01	-0.06	3.79E-01	0.17	5.90E-01	-0.03
30	4.69E-01	0.02	-0.06	3.63E-01	0.19	5.74E-01	-0.02
29	4.53E-01	0.03	-0.06	3.48E-01	0.22	5.59E-01	-0.01
28	4.37E-01	0.03	-0.05	3.32E-01	0.25	5.43E-01	0.00
27	4.22E-01	0.04	-0.04	3.16E-01	0.27	5.27E-01	0.01
26	4.06E-01	0.04	-0.03	3.01E-01	0.28	5.12E-01	0.01
25	3.91E-01	0.05	-0.02	2.85E-01	0.27	4.96E-01	0.01
24	3.75E-01	0.06	-0.02	2.69E-01	0.24	4.81E-01	0.01
23	3.59E-01	0.06	-0.02	2.54E-01	0.19	4.65E-01	0.02
22	3.44E-01	0.06	-0.01	2.38E-01	0.13	4.49E-01	0.03
21	3.28E-01	0.06	-0.01	2.23E-01	0.09	4.34E-01	0.03
20	3.12E-01	0.06	-0.02	2.07E-01	0.04	4.18E-01	0.02
19	2.97E-01	0.06	-0.03	1.91E-01	0.01	4.02E-01	0.02
18	2.81E-01	0.06	-0.05	1.76E-01	-0.02	3.87E-01	0.01
17	2.66E-01	0.06	-0.07	1.60E-01	-0.04	3.71E-01	0.01
16	2.50E-01	0.07	-0.08	1.44E-01	-0.07	3.56E-01	-0.00
15	2.34E-01	0.07	-0.09	1.29E-01	-0.07	3.40E-01	-0.01
14	2.19E-01	0.07	-0.10	1.13E-01	-0.06	3.24E-01	-0.02
13	2.03E-01	0.07	-0.11	9.75E-02	-0.06	3.09E-01	-0.03
12	1.87E-01	0.07	-0.10	8.19E-02	-0.07	2.93E-01	-0.04
11	1.72E-01	0.08	-0.09	6.63E-02	-0.08	2.77E-01	-0.04
10	1.56E-01	0.10	-0.06	5.06E-02	-0.09	2.62E-01	-0.03
9	1.41E-01	0.12	-0.03	3.50E-02	-0.09	2.46E-01	-0.03
8	1.25E-01	0.14	0.01	1.94E-02	-0.09	2.31E-01	-0.04

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=11 I=12
$\alpha = \beta = 0°$ RJJ(0)= 3.4570E-01 RII(0)= 1.0871E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.17	0.06	3.78E-03	-0.09	2.15E-01	-0.04
6	9.37E-02	0.20	0.13	-1.18E-02	-0.08	1.99E-01	-0.04
5	7.81E-02	0.25	0.20	-2.75E-02	-0.07	1.84E-01	-0.04
4	6.25E-02	0.34	0.30	-4.31E-02	-0.06	1.68E-01	-0.05
3	4.69E-02	0.45	0.42	-5.87E-02	-0.05	1.52E-01	-0.05
2	3.12E-02	0.58	0.58	-7.43E-02	-0.05	1.37E-01	-0.05
1	1.56E-02	0.83	0.85	-9.00E-02	-0.05	1.21E-01	-0.06
0	0.	1.00	1.00	-1.06E-01	-0.06	1.06E-01	-0.06

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=11 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	5.49E-04	5.05E-05	0.35	-0.	0.35	360.00
182.86	9.8	0.33	1.11E-03	1.25E-04	0.26	0.32	0.41	51.07
365.71	19.6	0.66	1.07E-03	1.66E-04	0.08	0.48	0.49	80.14
548.57	29.3	0.99	9.30E-04	1.85E-04	-0.15	0.45	0.48	108.91
731.43	39.1	1.32	7.58E-04	2.09E-04	-0.34	0.45	0.56	127.08
914.29	48.9	1.65	7.31E-04	2.29E-04	-0.37	0.49	0.62	127.19
1097.14	58.7	1.99	7.43E-04	2.26E-04	-0.47	0.35	0.59	143.73
1280.00	68.5	2.32	6.36E-04	2.39E-04	-0.57	0.09	0.58	170.56
1462.86	78.3	2.65	5.60E-04	2.64E-04	-0.55	-0.11	0.56	191.39
1645.71	88.0	2.98	5.38E-04	2.49E-04	-0.48	-0.14	0.50	196.49
1828.57	97.8	3.31	4.92E-04	2.05E-04	-0.32	-0.09	0.33	195.05
2011.43	107.6	3.64	4.18E-04	1.91E-04	-0.19	-0.17	0.25	221.34
2194.29	117.4	3.97	3.93E-04	1.94E-04	-0.09	-0.33	0.34	255.09
2377.14	127.2	4.30	5.20E-04	1.89E-04	0.05	-0.41	0.41	277.57
2560.00	137.0	4.63	6.01E-04	1.93E-04	0.14	-0.32	0.35	293.95
2742.86	146.7	4.96	5.32E-04	2.27E-04	0.15	-0.23	0.28	303.53
2925.71	156.5	5.30	4.51E-04	2.53E-04	0.06	-0.28	0.28	281.69
3108.57	166.3	5.63	3.56E-04	2.05E-04	0.05	-0.22	0.22	282.05
3291.43	176.1	5.96	2.97E-04	1.39E-04	0.25	-0.04	0.26	350.51
3474.29	185.9	6.29	3.17E-04	1.15E-04	0.32	0.04	0.32	6.81
3657.14	195.7	6.62	3.40E-04	1.13E-04	0.25	0.18	0.31	35.45
3840.00	205.4	6.95	3.35E-04	1.11E-04	0.21	0.27	0.34	52.53
4022.86	215.2	7.28	3.07E-04	9.42E-05	0.13	0.29	0.32	65.68
4205.71	225.0	7.61	2.71E-04	8.25E-05	-0.04	0.29	0.29	96.92
4388.57	234.8	7.94	2.53E-04	8.55E-05	-0.18	0.17	0.25	136.32
4571.43	244.6	8.27	2.48E-04	8.03E-05	-0.18	0.14	0.23	142.09
4754.29	254.4	8.61	2.31E-04	6.98E-05	-0.06	0.18	0.19	110.13
4937.14	264.1	8.94	2.25E-04	5.83E-05	-0.11	0.10	0.15	139.37
5120.00	273.9	9.27	2.07E-04	5.22E-05	-0.30	-0.02	0.30	183.15
5302.86	283.7	9.60	1.82E-04	6.22E-05	-0.26	-0.09	0.27	199.62
5485.71	293.5	9.93	2.01E-04	6.46E-05	-0.17	-0.13	0.22	215.98
5668.57	303.3	10.26	2.21E-04	5.39E-05	-0.17	-0.17	0.24	225.75
5851.43	313.1	10.59	2.09E-04	5.65E-05	-0.08	-0.21	0.23	250.14
6034.29	322.8	10.92	1.71E-04	6.35E-05	-0.04	-0.23	0.23	259.78
6217.14	332.6	11.25	1.41E-04	5.80E-05	-0.06	-0.20	0.21	253.86
6400.00	342.4	11.58	1.47E-04	4.99E-05	-0.03	-0.12	0.12	256.67
6582.86	352.2	11.91	1.55E-04	4.78E-05	-0.04	-0.08	0.09	246.33
6765.71	362.0	12.25	1.55E-04	4.53E-05	-0.05	-0.06	0.08	228.85
6948.57	371.7	12.58	1.59E-04	3.80E-05	0.03	0.06	0.07	64.33
7131.43	381.5	12.91	1.43E-04	3.68E-05	0.11	0.06	0.12	28.15
7314.29	391.3	13.24	1.14E-04	4.38E-05	0.06	-0.06	0.09	313.96
7497.14	401.1	13.57	1.13E-04	4.46E-05	0.05	-0.04	0.07	323.04

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=11 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	410.9	13.90	1.30E-04	4.16E-05	0.02	0.05	0.05	63.80
7862.86	420.7	14.23	1.33E-04	3.88E-05	-0.07	0.07	0.10	131.83
8045.71	430.4	14.56	1.19E-04	3.26E-05	-0.06	0.00	0.06	175.95
8228.57	440.2	14.89	1.10E-04	2.93E-05	-0.09	-0.06	0.10	213.27
8411.43	450.0	15.22	1.04E-04	2.93E-05	-0.16	-0.01	0.16	185.27
8594.29	459.8	15.56	1.03E-04	2.83E-05	-0.13	-0.02	0.13	186.68
8777.14	469.6	15.89	1.02E-04	2.71E-05	-0.08	-0.03	0.08	199.43
8960.00	479.4	16.22	8.86E-05	2.80E-05	-0.01	-0.02	0.02	231.38
9142.86	489.1	16.55	8.11E-05	2.91E-05	0.03	-0.10	0.11	288.31
9325.71	498.9	16.88	8.44E-05	3.00E-05	0.05	-0.20	0.21	282.43
9508.57	508.7	17.21	8.54E-05	3.19E-05	0.04	-0.18	0.19	281.04
9691.43	518.5	17.54	7.91E-05	3.06E-05	-0.01	-0.06	0.06	265.16
9874.29	528.3	17.87	6.98E-05	2.54E-05	0.01	0.04	0.04	77.99
0057.14	538.1	18.20	6.14E-05	2.01E-05	0.06	0.09	0.11	55.80
0240.00	547.8	18.53	6.03E-05	1.92E-05	0.03	0.15	0.16	78.71
0422.86	557.6	18.87	6.11E-05	2.21E-05	0.03	0.11	0.11	74.51
0605.71	567.4	19.20	5.82E-05	2.37E-05	0.09	0.04	0.09	25.72
0788.57	577.2	19.53	6.34E-05	2.14E-05	0.12	0.05	0.13	23.21
0971.43	587.0	19.86	6.66E-05	1.78E-05	0.10	0.12	0.16	51.82
1154.29	596.8	20.19	6.30E-05	1.75E-05	0.08	0.16	0.18	64.44
1337.14	606.5	20.52	5.94E-05	1.90E-05	0.05	0.08	0.09	55.47
1520.00	616.3	20.85	5.63E-05	1.90E-05	0.05	0.07	0.08	57.29
1702.86	626.1	21.18	5.76E-05	1.67E-05	0.12	0.10	0.15	40.61
1885.71	635.9	21.51	5.35E-05	1.49E-05	0.10	0.11	0.15	49.15
2068.57	645.7	21.84	4.45E-05	1.59E-05	0.03	0.15	0.15	77.53
2251.43	655.5	22.18	4.14E-05	1.64E-05	0.07	0.05	0.09	38.69
2434.29	665.2	22.51	4.39E-05	1.52E-05	0.06	0.01	0.06	13.90
2617.14	675.0	22.84	4.69E-05	1.68E-05	-0.06	0.14	0.16	114.17
2800.00	684.8	23.17	4.80E-05	1.76E-05	-0.13	0.16	0.21	128.87
2982.86	694.6	23.50	4.98E-05	1.47E-05	-0.08	0.02	0.08	164.22
3165.71	704.4	23.83	4.92E-05	1.39E-05	-0.04	-0.02	0.05	210.10
3348.57	714.1	24.16	4.24E-05	1.42E-05	-0.06	0.04	0.07	143.05
3531.43	723.9	24.49	3.85E-05	1.24E-05	-0.01	0.02	0.02	124.55
3714.29	733.7	24.82	4.31E-05	1.08E-05	0.01	-0.02	0.02	296.23
3897.14	743.5	25.15	4.07E-05	1.08E-05	-0.07	0.03	0.08	153.97
4080.00	753.3	25.48	3.33E-05	1.10E-05	-0.10	0.00	0.10	178.28
4262.86	763.1	25.82	3.43E-05	1.13E-05	-0.14	-0.02	0.14	188.83
4445.71	772.8	26.15	4.01E-05	1.16E-05	-0.18	0.07	0.20	158.86
4628.57	782.6	26.48	4.10E-05	1.06E-05	-0.13	0.12	0.18	137.35
4811.43	792.4	26.81	3.47E-05	9.41E-06	-0.04	0.09	0.10	116.94
4994.29	802.2	27.14	2.81E-05	9.35E-06	0.00	0.01	0.01	77.04
5177.14	812.0	27.47	2.80E-05	9.73E-06	-0.06	-0.07	0.09	230.41

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=11 I=12
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
5360.00	821.8	27.80	3.20E-05	9.81E-06	-0.10	-0.05	0.11	208.43
5542.86	831.5	28.13	3.11E-05	9.83E-06	-0.02	-0.01	0.02	198.63
5725.71	841.3	28.46	2.86E-05	9.98E-06	0.10	-0.01	0.10	352.91
5908.57	851.1	28.79	3.14E-05	9.32E-06	0.09	-0.02	0.09	346.97
6091.43	860.9	29.13	3.47E-05	8.80E-06	-0.01	0.01	0.02	150.03
6274.29	870.7	29.46	3.37E-05	8.89E-06	-0.06	-0.05	0.08	218.82
6457.14	880.5	29.79	3.10E-05	7.91E-06	-0.06	-0.15	0.16	247.15
6640.00	890.2	30.12	2.65E-05	7.21E-06	0.02	-0.15	0.15	276.01
6822.86	900.0	30.45	2.39E-05	8.13E-06	0.15	-0.17	0.23	311.46
7005.71	909.8	30.78	2.66E-05	8.56E-06	0.13	-0.20	0.24	302.81
7188.57	919.6	31.11	2.87E-05	8.20E-06	-0.01	-0.13	0.13	267.60
7371.43	929.4	31.44	2.71E-05	7.93E-06	-0.07	-0.06	0.09	223.11
7554.29	939.2	31.77	2.73E-05	7.29E-06	-0.05	-0.05	0.07	224.94
7737.14	948.9	32.10	2.87E-05	6.46E-06	-0.00	-0.02	0.02	255.17
7920.00	958.7	32.44	2.74E-05	5.45E-06	0.09	-0.01	0.09	355.08
8102.86	968.5	32.77	2.79E-05	4.82E-06	0.17	-0.06	0.18	342.19
8285.71	978.3	33.10	3.02E-05	5.33E-06	0.18	-0.12	0.22	325.25
8468.57	988.1	33.43	2.91E-05	6.32E-06	0.16	-0.12	0.20	322.88
8651.43	997.9	33.76	2.54E-05	6.37E-06	0.12	-0.01	0.12	353.93
8834.29	1007.6	34.09	2.39E-05	5.79E-06	0.04	0.13	0.14	70.70
9017.14	1017.4	34.42	2.28E-05	5.39E-06	0.09	0.16	0.18	62.00
9200.00	1027.2	34.75	2.22E-05	4.67E-06	0.13	0.11	0.18	40.48
9382.86	1037.0	35.08	2.38E-05	4.39E-06	0.10	0.08	0.13	40.77
9565.71	1046.8	35.41	2.19E-05	4.62E-06	0.10	0.08	0.13	41.53
9748.57	1056.5	35.74	1.95E-05	4.52E-06	0.04	0.10	0.11	68.78
9931.43	1066.3	36.08	2.09E-05	4.28E-06	-0.02	0.10	0.10	99.77
0114.29	1076.1	36.41	2.07E-05	4.06E-06	-0.01	0.08	0.08	94.75
0297.14	1085.9	36.74	1.79E-05	3.79E-06	-0.04	0.03	0.05	145.97
0480.00	1095.7	37.07	1.70E-05	4.01E-06	-0.03	0.09	0.09	108.71
0662.86	1105.5	37.40	2.06E-05	4.42E-06	0.03	0.21	0.21	82.00
0845.71	1115.2	37.73	2.29E-05	4.25E-06	0.02	0.16	0.16	84.55
1028.57	1125.0	38.06	1.93E-05	3.96E-06	-0.05	0.10	0.12	116.65
1211.43	1134.8	38.39	1.52E-05	3.27E-06	-0.07	0.14	0.16	116.20
1394.29	1144.6	38.72	1.31E-05	2.70E-06	-0.01	0.07	0.07	99.24
1577.14	1154.4	39.05	1.12E-05	2.75E-06	0.01	0.01	0.02	21.97
1760.00	1164.2	39.39	9.79E-06	2.38E-06	0.02	0.00	0.02	9.02
1942.86	1173.9	39.72	8.96E-06	1.85E-06	0.02	0.04	0.05	65.69
2125.71	1183.7	40.05	8.38E-06	1.76E-06	-0.03	0.08	0.08	112.34
2308.57	1193.5	40.38	8.60E-06	1.94E-06	-0.08	0.02	0.08	165.64
2491.43	1203.3	40.71	8.78E-06	1.96E-06	-0.07	0.03	0.07	156.55
2674.29	1213.1	41.04	7.79E-06	1.72E-06	-0.04	0.14	0.15	104.75
2857.14	1222.9	41.37	6.80E-06	1.53E-06	-0.02	0.18	0.18	97.22

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 5.4915E-01 RII(0)= 6.6226E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.01	0.03	2.64E 00	0.01	2.83E 00	-0.03
174	2.72E 00	-0.02	0.04	2.63E 00	0.02	2.81E 00	-0.02
173	2.70E 00	-0.02	0.03	2.61E 00	0.02	2.80E 00	-0.02
172	2.69E 00	-0.02	0.03	2.60E 00	0.02	2.78E 00	-0.02
171	2.67E 00	-0.02	0.03	2.58E 00	0.02	2.76E 00	-0.02
170	2.66E 00	-0.02	0.03	2.56E 00	0.01	2.75E 00	-0.01
169	2.64E 00	-0.02	0.03	2.55E 00	0.01	2.73E 00	-0.01
168	2.62E 00	-0.02	0.02	2.53E 00	0.01	2.72E 00	-0.01
167	2.61E 00	-0.02	0.01	2.52E 00	0.01	2.70E 00	-0.01
166	2.59E 00	-0.03	0.00	2.50E 00	0.00	2.69E 00	-0.01
165	2.58E 00	-0.03	-0.01	2.49E 00	0.00	2.67E 00	-0.01
164	2.56E 00	-0.02	-0.01	2.47E 00	-0.00	2.65E 00	-0.01
163	2.55E 00	-0.02	-0.02	2.45E 00	-0.00	2.64E 00	-0.01
162	2.53E 00	-0.03	-0.03	2.44E 00	-0.01	2.62E 00	-0.01
161	2.52E 00	-0.03	-0.03	2.42E 00	-0.02	2.61E 00	-0.01
160	2.50E 00	-0.03	-0.03	2.41E 00	-0.02	2.59E 00	-0.02
159	2.48E 00	-0.02	-0.02	2.39E 00	-0.02	2.58E 00	-0.02
158	2.47E 00	-0.02	-0.01	2.38E 00	-0.02	2.56E 00	-0.03
157	2.45E 00	-0.01	0.00	2.36E 00	-0.01	2.55E 00	-0.03
156	2.44E 00	-0.00	0.01	2.35E 00	-0.01	2.53E 00	-0.03
155	2.42E 00	0.00	0.01	2.33E 00	-0.02	2.51E 00	-0.04
154	2.41E 00	0.00	0.02	2.31E 00	-0.01	2.50E 00	-0.04
153	2.39E 00	0.00	0.03	2.30E 00	-0.01	2.48E 00	-0.04
152	2.37E 00	0.01	0.04	2.28E 00	-0.01	2.47E 00	-0.04
151	2.36E 00	0.01	0.04	2.27E 00	-0.01	2.45E 00	-0.03
150	2.34E 00	0.01	0.03	2.25E 00	-0.01	2.44E 00	-0.02
149	2.33E 00	0.01	0.03	2.24E 00	-0.01	2.42E 00	-0.01
148	2.31E 00	0.01	0.03	2.22E 00	-0.00	2.40E 00	-0.00
147	2.30E 00	0.01	0.03	2.20E 00	-0.01	2.39E 00	0.01
146	2.28E 00	0.01	0.02	2.19E 00	-0.01	2.37E 00	0.01
145	2.27E 00	0.01	0.01	2.17E 00	-0.01	2.36E 00	0.02
144	2.25E 00	0.00	-0.00	2.16E 00	-0.01	2.34E 00	0.03
143	2.23E 00	0.00	-0.00	2.14E 00	-0.01	2.33E 00	0.03
142	2.22E 00	0.00	-0.01	2.13E 00	-0.01	2.31E 00	0.02
141	2.20E 00	0.00	-0.01	2.11E 00	-0.01	2.30E 00	0.02
140	2.19E 00	0.00	-0.00	2.10E 00	-0.02	2.28E 00	0.02
139	2.17E 00	0.00	-0.01	2.08E 00	-0.02	2.26E 00	0.02
138	2.16E 00	0.00	-0.01	2.06E 00	-0.02	2.25E 00	0.02
137	2.14E 00	0.00	0.00	2.05E 00	-0.03	2.23E 00	0.02
136	2.12E 00	0.00	0.01	2.03E 00	-0.03	2.22E 00	0.01
135	2.11E 00	0.01	0.01	2.02E 00	-0.03	2.20E 00	0.01
134	2.09E 00	0.01	0.01	2.00E 00	-0.02	2.19E 00	0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 5.4915E-01 RII(0)= 6.6226E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.01	0.01	1.99E 00	-0.02	2.17E 00	0.01
132	2.06E 00	0.00	0.01	1.97E 00	-0.01	2.15E 00	0.01
131	2.05E 00	0.00	0.01	1.95E 00	-0.00	2.14E 00	0.01
130	2.03E 00	0.00	0.02	1.94E 00	0.00	2.12E 00	0.01
129	2.02E 00	0.01	0.01	1.92E 00	0.00	2.11E 00	0.01
128	2.00E 00	0.01	0.01	1.91E 00	0.00	2.09E 00	0.02
127	1.98E 00	0.01	0.00	1.89E 00	0.01	2.08E 00	0.02
126	1.97E 00	0.01	-0.00	1.88E 00	0.01	2.06E 00	0.02
125	1.95E 00	0.02	-0.01	1.86E 00	0.01	2.05E 00	0.02
124	1.94E 00	0.02	-0.01	1.85E 00	0.01	2.03E 00	0.02
123	1.92E 00	0.02	-0.01	1.83E 00	0.00	2.01E 00	0.02
122	1.91E 00	0.02	-0.02	1.81E 00	0.00	2.00E 00	0.02
121	1.89E 00	0.01	-0.02	1.80E 00	0.00	1.98E 00	0.01
120	1.87E 00	0.01	-0.01	1.78E 00	-0.00	1.97E 00	0.01
119	1.86E 00	0.01	-0.02	1.77E 00	-0.01	1.95E 00	0.01
118	1.84E 00	0.01	-0.02	1.75E 00	-0.01	1.94E 00	0.00
117	1.83E 00	0.01	-0.01	1.74E 00	-0.01	1.92E 00	-0.00
116	1.81E 00	0.02	0.00	1.72E 00	-0.01	1.90E 00	-0.01
115	1.80E 00	0.02	0.01	1.70E 00	-0.01	1.89E 00	-0.02
114	1.78E 00	0.02	0.02	1.69E 00	-0.01	1.87E 00	-0.02
113	1.77E 00	0.01	0.03	1.67E 00	-0.01	1.86E 00	-0.03
112	1.75E 00	0.01	0.04	1.66E 00	-0.02	1.84E 00	-0.02
111	1.73E 00	0.01	0.04	1.64E 00	-0.02	1.83E 00	-0.02
110	1.72E 00	0.02	0.05	1.63E 00	-0.01	1.81E 00	-0.02
109	1.70E 00	0.02	0.04	1.61E 00	-0.01	1.80E 00	-0.02
108	1.69E 00	0.02	0.05	1.60E 00	-0.00	1.78E 00	-0.02
107	1.67E 00	0.02	0.04	1.58E 00	-0.00	1.76E 00	-0.01
106	1.66E 00	0.02	0.03	1.56E 00	0.00	1.75E 00	-0.01
105	1.64E 00	0.02	0.02	1.55E 00	0.01	1.73E 00	-0.00
104	1.62E 00	0.03	0.01	1.53E 00	0.01	1.72E 00	0.00
103	1.61E 00	0.03	-0.01	1.52E 00	0.01	1.70E 00	0.00
102	1.59E 00	0.03	-0.02	1.50E 00	0.01	1.69E 00	0.00
101	1.58E 00	0.03	-0.04	1.49E 00	0.01	1.67E 00	0.00
100	1.56E 00	0.03	-0.06	1.47E 00	0.01	1.65E 00	0.01
99	1.55E 00	0.04	-0.06	1.45E 00	0.00	1.64E 00	0.00
98	1.53E 00	0.04	-0.07	1.44E 00	0.00	1.62E 00	0.00
97	1.52E 00	0.05	-0.08	1.42E 00	0.01	1.61E 00	0.00
96	1.50E 00	0.05	-0.08	1.41E 00	0.02	1.59E 00	0.00
95	1.48E 00	0.05	-0.08	1.39E 00	0.02	1.58E 00	-0.00
94	1.47E 00	0.05	-0.07	1.38E 00	0.03	1.56E 00	-0.00
93	1.45E 00	0.05	-0.05	1.36E 00	0.03	1.55E 00	-0.00
92	1.44E 00	0.05	-0.03	1.35E 00	0.03	1.53E 00	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 5.4915E-01 RII(0)= 6.6226E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.06	-0.01	1.33E 00	0.02	1.51E 00	0.00
90	1.41E 00	0.06	0.01	1.31E 00	0.02	1.50E 00	0.00
89	1.39E 00	0.05	0.03	1.30E 00	0.02	1.48E 00	0.01
88	1.37E 00	0.05	0.04	1.28E 00	0.02	1.47E 00	0.01
87	1.36E 00	0.05	0.04	1.27E 00	0.02	1.45E 00	0.00
86	1.34E 00	0.05	0.04	1.25E 00	0.02	1.44E 00	-0.00
85	1.33E 00	0.05	0.04	1.24E 00	0.02	1.42E 00	0.00
84	1.31E 00	0.06	0.03	1.22E 00	0.01	1.40E 00	0.00
83	1.30E 00	0.05	0.01	1.20E 00	0.01	1.39E 00	0.00
82	1.28E 00	0.05	-0.00	1.19E 00	-0.00	1.37E 00	0.01
81	1.27E 00	0.04	-0.01	1.17E 00	-0.02	1.36E 00	0.00
80	1.25E 00	0.03	-0.03	1.16E 00	-0.03	1.34E 00	-0.01
79	1.23E 00	0.03	-0.04	1.14E 00	-0.05	1.33E 00	-0.01
78	1.22E 00	0.03	-0.05	1.13E 00	-0.07	1.31E 00	-0.01
77	1.20E 00	0.02	-0.06	1.11E 00	-0.09	1.30E 00	-0.01
76	1.19E 00	0.02	-0.06	1.10E 00	-0.10	1.28E 00	-0.02
75	1.17E 00	0.01	-0.06	1.08E 00	-0.12	1.26E 00	-0.02
74	1.16E 00	0.01	-0.05	1.06E 00	-0.13	1.25E 00	-0.02
73	1.14E 00	0.01	-0.05	1.05E 00	-0.13	1.23E 00	-0.02
72	1.12E 00	0.01	-0.03	1.03E 00	-0.14	1.22E 00	-0.02
71	1.11E 00	0.02	-0.01	1.02E 00	-0.14	1.20E 00	-0.02
70	1.09E 00	0.02	0.01	1.00E 00	-0.15	1.19E 00	-0.02
69	1.08E 00	0.02	0.03	9.86E-01	-0.14	1.17E 00	-0.02
68	1.06E 00	0.02	0.05	9.70E-01	-0.13	1.15E 00	-0.02
67	1.05E 00	0.02	0.06	9.54E-01	-0.12	1.14E 00	-0.02
66	1.03E 00	0.02	0.07	9.39E-01	-0.11	1.12E 00	-0.03
65	1.02E 00	0.03	0.08	9.23E-01	-0.09	1.11E 00	-0.03
64	10.00E-01	0.03	0.08	9.08E-01	-0.07	1.09E 00	-0.03
63	9.84E-01	0.03	0.06	8.92E-01	-0.05	1.08E 00	-0.02
62	9.69E-01	0.03	0.05	8.76E-01	-0.04	1.06E 00	-0.02
61	9.53E-01	0.03	0.04	8.61E-01	-0.02	1.05E 00	-0.02
60	9.37E-01	0.03	0.02	8.45E-01	-0.00	1.03E 00	-0.03
59	9.22E-01	0.03	-0.00	8.29E-01	0.01	1.01E 00	-0.03
58	9.06E-01	0.03	-0.02	8.14E-01	0.02	9.99E-01	-0.03
57	8.91E-01	0.03	-0.04	7.98E-01	0.03	9.83E-01	-0.04
56	8.75E-01	0.03	-0.05	7.83E-01	0.04	9.67E-01	-0.04
55	8.59E-01	0.04	-0.06	7.67E-01	0.04	9.52E-01	-0.05
54	8.44E-01	0.04	-0.07	7.51E-01	0.05	9.36E-01	-0.05
53	8.28E-01	0.03	-0.06	7.36E-01	0.06	9.21E-01	-0.06
52	8.12E-01	0.03	-0.06	7.20E-01	0.07	9.05E-01	-0.06
51	7.97E-01	0.03	-0.05	7.04E-01	0.09	8.89E-01	-0.06
50	7.81E-01	0.04	-0.04	6.89E-01	0.09	8.74E-01	-0.06

[redacted]

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 5.4915E-01 RII(0)= 6.6226E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.03	-0.01	6.73E-01	0.09	8.58E-01	-0.05
48	7.50E-01	0.03	0.01	6.58E-01	0.09	8.42E-01	-0.04
47	7.34E-01	0.03	0.04	6.42E-01	0.08	8.27E-01	-0.04
46	7.19E-01	0.03	0.06	6.26E-01	0.08	8.11E-01	-0.03
45	7.03E-01	0.03	0.08	6.11E-01	0.07	7.96E-01	-0.02
44	6.87E-01	0.03	0.09	5.95E-01	0.08	7.80E-01	-0.02
43	6.72E-01	0.03	0.08	5.79E-01	0.08	7.64E-01	-0.01
42	6.56E-01	0.02	0.07	5.64E-01	0.08	7.49E-01	-0.01
41	6.41E-01	0.01	0.06	5.48E-01	0.07	7.33E-01	-0.01
40	6.25E-01	0.01	0.03	5.33E-01	0.07	7.17E-01	0.00
39	6.09E-01	0.01	0.01	5.17E-01	0.06	7.02E-01	0.01
38	5.94E-01	0.00	-0.01	5.01E-01	0.06	6.86E-01	0.01
37	5.78E-01	-0.01	-0.04	4.86E-01	0.05	6.71E-01	0.02
36	5.62E-01	-0.01	-0.06	4.70E-01	0.05	6.55E-01	0.03
35	5.47E-01	-0.02	-0.07	4.54E-01	0.04	6.39E-01	0.03
34	5.31E-01	-0.02	-0.08	4.39E-01	0.04	6.24E-01	0.03
33	5.16E-01	-0.02	-0.10	4.23E-01	0.04	6.08E-01	0.03
32	5.00E-01	-0.02	-0.11	4.08E-01	0.03	5.92E-01	0.03
31	4.84E-01	-0.01	-0.11	3.92E-01	0.03	5.77E-01	0.03
30	4.69E-01	-0.01	-0.11	3.76E-01	0.03	5.61E-01	0.02
29	4.53E-01	-0.00	-0.10	3.61E-01	0.03	5.46E-01	0.01
28	4.37E-01	-0.00	-0.10	3.45E-01	0.02	5.30E-01	0.00
27	4.22E-01	-0.00	-0.08	3.29E-01	0.01	5.14E-01	0.01
26	4.06E-01	0.01	-0.07	3.14E-01	0.00	4.99E-01	0.01
25	3.91E-01	0.02	-0.05	2.98E-01	-0.01	4.83E-01	0.01
24	3.75E-01	0.03	-0.03	2.83E-01	-0.01	4.67E-01	0.00
23	3.59E-01	0.03	-0.02	2.67E-01	-0.02	4.52E-01	0.00
22	3.44E-01	0.04	-0.02	2.51E-01	-0.02	4.36E-01	-0.00
21	3.28E-01	0.05	-0.02	2.36E-01	-0.02	4.21E-01	-0.00
20	3.12E-01	0.06	-0.03	2.20E-01	-0.02	4.05E-01	-0.00
19	2.97E-01	0.08	-0.04	2.04E-01	-0.03	3.89E-01	-0.01
18	2.81E-01	0.10	-0.05	1.89E-01	-0.03	3.74E-01	-0.01
17	2.66E-01	0.12	-0.07	1.73E-01	-0.03	3.58E-01	-0.01
16	2.50E-01	0.15	-0.09	1.58E-01	-0.04	3.42E-01	-0.02
15	2.34E-01	0.17	-0.11	1.42E-01	-0.04	3.27E-01	-0.02
14	2.19E-01	0.20	-0.12	1.26E-01	-0.03	3.11E-01	-0.01
13	2.03E-01	0.22	-0.12	1.11E-01	-0.03	2.96E-01	-0.01
12	1.87E-01	0.25	-0.12	9.51E-02	-0.02	2.80E-01	-0.01
11	1.72E-01	0.28	-0.10	7.95E-02	-0.01	2.64E-01	-0.01
10	1.56E-01	0.31	-0.06	6.38E-02	-0.01	2.49E-01	-0.01
9	1.41E-01	0.34	-0.03	4.82E-02	-0.00	2.33E-01	-0.01
8	1.25E-01	0.38	0.02	3.26E-02	0.00	2.17E-01	-0.01

[redacted]

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 5.4915E-01 RII(0)= 6.6226E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.43	0.11	1.70E-02	0.01	2.02E-01	-0.01
6	9.37E-02	0.47	0.20	1.35E-03	0.01	1.86E-01	-0.00
5	7.81E-02	0.50	0.29	-1.43E-02	0.01	1.71E-01	-0.00
4	6.25E-02	0.55	0.42	-2.99E-02	0.00	1.55E-01	0.00
3	4.69E-02	0.59	0.56	-4.55E-02	-0.00	1.39E-01	0.01
2	3.12E-02	0.67	0.64	-6.11E-02	-0.00	1.24E-01	0.01
1	1.56E-02	0.86	0.84	-7.68E-02	-0.00	1.08E-01	0.00
0	0.	1.00	1.00	-9.24E-02	-0.00	9.24E-02	-0.00

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	1.59E-03	3.84E-05	-0.08	0.	0.08	180.00
182.86	9.8	0.33	2.75E-03	8.63E-05	0.01	0.06	0.06	76.87
365.71	19.6	0.66	2.23E-03	1.07E-04	0.15	0.12	0.19	38.06
548.57	29.3	0.99	2.24E-03	1.19E-04	0.09	0.12	0.15	54.90
731.43	39.1	1.32	2.26E-03	1.38E-04	-0.14	0.10	0.17	146.30
914.29	48.9	1.65	2.02E-03	1.76E-04	-0.31	-0.02	0.31	183.03
1097.14	58.7	1.99	1.78E-03	1.96E-04	-0.25	-0.15	0.29	210.87
1280.00	68.5	2.32	1.62E-03	1.85E-04	0.04	-0.18	0.18	283.89
1462.86	78.3	2.65	1.34E-03	1.73E-04	0.30	-0.09	0.32	343.12
1645.71	88.0	2.98	9.32E-04	1.75E-04	0.28	0.09	0.30	16.95
1828.57	97.8	3.31	6.61E-04	1.56E-04	0.07	0.09	0.11	51.98
2011.43	107.6	3.64	5.97E-04	1.28E-04	-0.13	-0.17	0.21	233.65
2194.29	117.4	3.97	5.58E-04	1.18E-04	-0.10	-0.27	0.29	250.56
2377.14	127.2	4.30	4.59E-04	1.01E-04	0.04	-0.14	0.14	287.76
2560.00	137.0	4.63	4.06E-04	9.36E-05	0.14	0.08	0.16	28.47
2742.86	146.7	4.96	3.92E-04	1.49E-04	0.07	0.14	0.16	65.18
2925.71	156.5	5.30	3.84E-04	2.09E-04	0.03	0.04	0.05	54.96
3108.57	166.3	5.63	3.47E-04	1.67E-04	0.03	-0.09	0.09	287.50
3291.43	176.1	5.96	2.87E-04	8.84E-05	0.04	-0.02	0.05	336.17
3474.29	185.9	6.29	2.47E-04	6.07E-05	0.08	0.09	0.12	48.74
3657.14	195.7	6.62	2.37E-04	5.97E-05	0.01	0.07	0.08	79.30
3840.00	205.4	6.95	2.45E-04	5.56E-05	-0.05	0.08	0.09	120.77
4022.86	215.2	7.28	2.45E-04	4.88E-05	-0.04	0.02	0.05	149.85
4205.71	225.0	7.61	2.30E-04	4.76E-05	-0.00	-0.02	0.02	267.30
4388.57	234.8	7.94	2.23E-04	4.41E-05	0.01	0.04	0.04	70.59
4571.43	244.6	8.27	2.44E-04	3.58E-05	0.04	0.12	0.12	70.09
4754.29	254.4	8.61	2.36E-04	2.93E-05	0.07	0.11	0.13	56.85
4937.14	264.1	8.94	1.95E-04	2.76E-05	0.09	0.02	0.09	14.58
5120.00	273.9	9.27	1.72E-04	2.69E-05	0.09	-0.05	0.11	332.02
5302.86	283.7	9.60	1.69E-04	2.41E-05	-0.00	-0.05	0.05	267.32
5485.71	293.5	9.93	1.67E-04	2.51E-05	-0.07	-0.04	0.08	210.92
5668.57	303.3	10.26	1.54E-04	2.99E-05	0.03	0.03	0.04	47.17
5851.43	313.1	10.59	1.43E-04	2.95E-05	0.13	0.16	0.21	51.51
6034.29	322.8	10.92	1.52E-04	2.40E-05	0.09	0.24	0.26	69.29
6217.14	332.6	11.25	1.58E-04	1.89E-05	-0.03	0.23	0.23	96.41
6400.00	342.4	11.58	1.43E-04	1.62E-05	-0.08	0.17	0.19	114.18
6582.86	352.2	11.91	1.32E-04	1.51E-05	0.01	0.10	0.10	83.80
6765.71	362.0	12.25	1.29E-04	1.47E-05	0.03	0.01	0.03	14.75
6948.57	371.7	12.58	1.32E-04	1.48E-05	-0.02	-0.06	0.06	255.65
7131.43	381.5	12.91	1.41E-04	1.57E-05	0.07	-0.05	0.08	321.66
7314.29	391.3	13.24	1.40E-04	1.64E-05	0.09	0.00	0.09	3.14
7497.14	401.1	13.57	1.38E-04	1.46E-05	0.06	0.04	0.07	32.46

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	410.9	13.90	1.39E-04	1.22E-05	0.02	0.02	0.03	45.22
7862.86	420.7	14.23	1.32E-04	1.17E-05	-0.05	0.02	0.05	158.42
8045.71	430.4	14.56	1.30E-04	1.09E-05	-0.03	-0.01	0.03	199.42
8228.57	440.2	14.89	1.37E-04	1.08E-05	0.01	-0.08	0.08	280.69
8411.43	450.0	15.22	1.38E-04	1.21E-05	0.08	-0.12	0.15	303.50
8594.29	459.8	15.56	1.31E-04	1.12E-05	0.20	-0.12	0.24	329.32
8777.14	469.6	15.89	1.24E-04	9.29E-06	0.19	-0.07	0.20	340.32
8960.00	479.4	16.22	1.24E-04	9.40E-06	-0.03	-0.02	0.03	213.93
9142.86	489.1	16.55	1.21E-04	9.03E-06	-0.11	0.00	0.11	177.51
9325.71	498.9	16.88	1.06E-04	8.04E-06	-0.01	-0.04	0.04	251.93
9508.57	508.7	17.21	8.82E-05	8.43E-06	0.01	-0.09	0.09	273.67
9691.43	518.5	17.54	8.68E-05	9.06E-06	-0.08	-0.03	0.09	197.42
9874.29	528.3	17.87	1.08E-04	8.95E-06	-0.04	0.02	0.04	152.68
10057.14	538.1	18.20	1.17E-04	8.00E-06	0.08	0.06	0.10	33.95
10240.00	547.8	18.53	1.01E-04	6.90E-06	0.15	0.05	0.16	19.90
10422.86	557.6	18.87	10.00E-05	7.30E-06	0.09	-0.07	0.11	322.81
10605.71	567.4	19.20	1.07E-04	8.08E-06	0.04	-0.10	0.11	294.65
10788.57	577.2	19.53	9.98E-05	8.84E-06	-0.01	-0.07	0.07	258.78
10971.43	587.0	19.86	9.21E-05	9.04E-06	-0.09	-0.05	0.10	208.98
11154.29	596.8	20.19	8.17E-05	8.46E-06	-0.09	-0.01	0.09	183.85
11337.14	606.5	20.52	7.65E-05	8.47E-06	-0.05	0.06	0.07	128.24
11520.00	616.3	20.85	8.15E-05	8.47E-06	0.05	0.01	0.05	7.89
11702.86	626.1	21.18	8.33E-05	8.39E-06	0.06	-0.05	0.08	322.30
11885.71	635.9	21.51	7.93E-05	7.28E-06	-0.01	0.04	0.04	106.92
12068.57	645.7	21.84	7.32E-05	6.29E-06	0.02	0.08	0.09	74.38
12251.43	655.5	22.18	6.99E-05	6.61E-06	0.10	0.05	0.11	25.49
12434.29	665.2	22.51	6.48E-05	6.61E-06	0.05	0.05	0.07	44.72
12617.14	675.0	22.84	6.25E-05	6.72E-06	-0.08	0.05	0.10	148.90
12800.00	684.8	23.17	7.15E-05	7.11E-06	-0.12	0.02	0.12	171.60
12982.86	694.6	23.50	7.82E-05	7.02E-06	-0.09	-0.05	0.10	208.92
13165.71	704.4	23.83	7.40E-05	6.77E-06	-0.07	-0.05	0.08	218.73
13348.57	714.1	24.16	6.88E-05	6.66E-06	-0.05	0.01	0.05	173.85
13531.43	723.9	24.49	6.51E-05	6.66E-06	-0.04	0.11	0.12	110.40
13714.29	733.7	24.82	5.99E-05	6.93E-06	-0.04	0.16	0.17	104.59
13897.14	743.5	25.15	5.53E-05	6.28E-06	-0.01	0.05	0.06	104.30
14080.00	753.3	25.48	5.32E-05	5.41E-06	0.04	-0.05	0.07	308.48
14262.86	763.1	25.82	5.08E-05	5.71E-06	0.08	-0.07	0.10	318.22
14445.71	772.8	26.15	4.63E-05	5.68E-06	0.05	-0.05	0.07	312.37
14628.57	782.6	26.48	4.46E-05	5.31E-06	-0.02	0.01	0.03	153.63
14811.43	792.4	26.81	4.90E-05	5.48E-06	-0.03	0.08	0.08	108.70
14994.29	802.2	27.14	5.23E-05	5.63E-06	-0.04	0.05	0.06	127.18
15177.14	812.0	27.47	5.34E-05	5.60E-06	-0.06	-0.04	0.07	211.32

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.80 RUN NO.= 82 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL=10.68 PROTOTYPE= 2.35 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.00	821.8	27.80	5.37E-05	5.48E-06	0.02	-0.04	0.05	288.85
15542.86	831.5	28.13	5.26E-05	5.34E-06	0.10	0.01	0.10	7.98
15725.71	841.3	28.46	4.65E-05	5.19E-06	0.04	0.02	0.04	23.76
15908.57	851.1	28.79	4.09E-05	5.37E-06	-0.04	-0.00	0.04	186.82
16091.43	860.9	29.13	4.18E-05	5.51E-06	-0.04	0.01	0.04	170.96
16274.29	870.7	29.46	4.53E-05	4.84E-06	0.01	0.03	0.03	74.17
16457.14	880.5	29.79	5.15E-05	4.42E-06	0.03	-0.03	0.05	314.97
16640.00	890.2	30.12	5.28E-05	4.55E-06	0.01	-0.04	0.05	285.91
16822.86	900.0	30.45	4.81E-05	5.10E-06	0.07	0.02	0.07	14.91
17005.71	909.8	30.78	4.34E-05	6.05E-06	0.03	-0.01	0.03	341.41
17188.57	919.6	31.11	4.14E-05	6.47E-06	-0.09	-0.04	0.10	205.54
17371.43	929.4	31.44	4.30E-05	6.25E-06	-0.03	-0.01	0.03	194.06
17554.29	939.2	31.77	4.54E-05	5.97E-06	0.03	0.00	0.03	8.77
17737.14	948.9	32.10	4.24E-05	5.85E-06	0.00	-0.01	0.01	281.29
17920.00	958.7	32.44	3.78E-05	6.00E-06	-0.03	0.03	0.04	131.23
18102.86	968.5	32.77	4.10E-05	6.42E-06	-0.05	-0.03	0.06	209.12
18285.71	978.3	33.10	4.27E-05	6.36E-06	-0.04	-0.13	0.14	251.21
18468.57	988.1	33.43	4.04E-05	6.03E-06	-0.05	-0.07	0.08	235.08
18651.43	997.9	33.76	3.65E-05	6.69E-06	-0.08	0.04	0.09	153.29
18834.29	1007.6	34.09	3.16E-05	7.25E-06	-0.06	0.07	0.10	130.31
19017.14	1017.4	34.42	3.14E-05	6.20E-06	0.00	0.05	0.05	86.77
19200.00	1027.2	34.75	3.29E-05	4.71E-06	0.02	-0.01	0.02	326.91
19382.86	1037.0	35.08	3.30E-05	4.79E-06	-0.06	0.02	0.06	163.45
19565.71	1046.8	35.41	3.24E-05	6.46E-06	-0.04	0.03	0.05	140.94
19748.57	1056.5	35.74	3.17E-05	6.76E-06	0.03	-0.06	0.06	298.73
19931.43	1066.3	36.08	2.92E-05	5.67E-06	0.07	-0.10	0.12	304.39

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.2259E-01 RII(0)= 1.6835E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C
175	2.73E 00	0.03	0.07	2.76E 00	-0.02	2.71E 00	-0.03
174	2.72E 00	0.04	0.07	2.74E 00	-0.02	2.70E 00	-0.02
173	2.70E 00	0.03	0.07	2.73E 00	-0.02	2.68E 00	-0.01
172	2.69E 00	0.03	0.07	2.71E 00	-0.02	2.66E 00	-0.00
171	2.67E 00	0.03	0.06	2.70E 00	-0.02	2.65E 00	0.01
170	2.66E 00	0.03	0.05	2.68E 00	-0.02	2.63E 00	0.01
169	2.64E 00	0.02	0.04	2.66E 00	-0.02	2.62E 00	0.02
168	2.62E 00	0.02	0.04	2.65E 00	-0.03	2.60E 00	0.02
167	2.61E 00	0.01	0.04	2.63E 00	-0.03	2.59E 00	0.03
166	2.59E 00	0.01	0.04	2.62E 00	-0.03	2.57E 00	0.03
165	2.58E 00	0.01	0.03	2.60E 00	-0.03	2.55E 00	0.04
164	2.56E 00	0.01	0.03	2.59E 00	-0.03	2.54E 00	0.04
163	2.55E 00	0.00	0.03	2.57E 00	-0.03	2.52E 00	0.04
162	2.53E 00	0.00	0.03	2.55E 00	-0.03	2.51E 00	0.04
161	2.52E 00	0.00	0.04	2.54E 00	-0.03	2.49E 00	0.04
160	2.50E 00	0.01	0.04	2.52E 00	-0.03	2.48E 00	0.03
159	2.48E 00	0.01	0.03	2.51E 00	-0.02	2.46E 00	0.03
158	2.47E 00	0.01	0.03	2.49E 00	-0.02	2.45E 00	0.03
157	2.45E 00	0.01	0.04	2.48E 00	-0.02	2.43E 00	0.02
156	2.44E 00	0.01	0.04	2.46E 00	-0.02	2.41E 00	0.02
155	2.42E 00	0.01	0.05	2.45E 00	-0.02	2.40E 00	0.01
154	2.41E 00	0.01	0.05	2.43E 00	-0.02	2.38E 00	0.01
153	2.39E 00	0.01	0.05	2.41E 00	-0.02	2.37E 00	0.00
152	2.37E 00	0.01	0.05	2.40E 00	-0.01	2.35E 00	0.00
151	2.36E 00	0.01	0.06	2.38E 00	-0.01	2.34E 00	-0.00
150	2.34E 00	0.02	0.05	2.37E 00	-0.01	2.32E 00	-0.00
149	2.33E 00	0.02	0.05	2.35E 00	-0.00	2.30E 00	-0.00
148	2.31E 00	0.02	0.05	2.34E 00	-0.00	2.29E 00	-0.00
147	2.30E 00	0.02	0.05	2.32E 00	-0.00	2.27E 00	-0.00
146	2.28E 00	0.02	0.04	2.30E 00	0.00	2.26E 00	-0.00
145	2.27E 00	0.02	0.05	2.29E 00	0.00	2.24E 00	-0.00
144	2.25E 00	0.02	0.06	2.27E 00	0.00	2.23E 00	-0.00
143	2.23E 00	0.01	0.06	2.26E 00	0.00	2.21E 00	0.00
142	2.22E 00	0.01	0.05	2.24E 00	0.00	2.20E 00	0.01
141	2.20E 00	0.01	0.06	2.23E 00	0.00	2.18E 00	0.01
140	2.19E 00	0.01	0.06	2.21E 00	0.00	2.16E 00	0.01
139	2.17E 00	0.02	0.06	2.20E 00	0.00	2.15E 00	0.01
138	2.16E 00	0.02	0.06	2.18E 00	0.00	2.13E 00	0.01
137	2.14E 00	0.02	0.06	2.16E 00	0.01	2.12E 00	0.01
136	2.12E 00	0.02	0.06	2.15E 00	0.01	2.10E 00	0.01
135	2.11E 00	0.01	0.07	2.13E 00	0.01	2.09E 00	0.01
134	2.09E 00	0.01	0.07	2.12E 00	0.01	2.07E 00	0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.2259E-01 RII(0)= 1.6835E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C
133	2.08E 00	0.01	0.07	2.10E 00	0.01	2.05E 00	0.01
132	2.06E 00	0.01	0.07	2.09E 00	0.01	2.04E 00	0.01
131	2.05E 00	0.01	0.07	2.07E 00	0.01	2.02E 00	0.01
130	2.03E 00	0.00	0.06	2.05E 00	0.01	2.01E 00	0.01
129	2.02E 00	-0.00	0.05	2.04E 00	0.01	1.99E 00	0.01
128	2.00E 00	-0.00	0.05	2.02E 00	0.01	1.98E 00	0.01
127	1.98E 00	-0.01	0.06	2.01E 00	0.01	1.96E 00	0.01
126	1.97E 00	-0.01	0.06	1.99E 00	0.00	1.95E 00	0.01
125	1.95E 00	-0.01	0.06	1.98E 00	-0.00	1.93E 00	0.01
124	1.94E 00	-0.01	0.06	1.96E 00	-0.01	1.91E 00	0.00
123	1.92E 00	-0.01	0.05	1.95E 00	-0.01	1.90E 00	0.00
122	1.91E 00	-0.01	0.05	1.93E 00	-0.01	1.88E 00	0.00
121	1.89E 00	-0.01	0.05	1.91E 00	-0.01	1.87E 00	0.00
120	1.87E 00	-0.01	0.06	1.90E 00	-0.01	1.85E 00	0.00
119	1.86E 00	-0.02	0.06	1.88E 00	-0.01	1.84E 00	0.00
118	1.84E 00	-0.02	0.05	1.87E 00	-0.01	1.82E 00	0.00
117	1.83E 00	-0.02	0.05	1.85E 00	-0.01	1.80E 00	0.00
116	1.81E 00	-0.02	0.06	1.84E 00	-0.02	1.79E 00	-0.00
115	1.80E 00	-0.02	0.06	1.82E 00	-0.02	1.77E 00	-0.00
114	1.78E 00	-0.02	0.06	1.80E 00	-0.02	1.76E 00	-0.01
113	1.77E 00	-0.02	0.07	1.79E 00	-0.02	1.74E 00	-0.01
112	1.75E 00	-0.02	0.08	1.77E 00	-0.02	1.73E 00	-0.01
111	1.73E 00	-0.02	0.07	1.76E 00	-0.02	1.71E 00	-0.01
110	1.72E 00	-0.02	0.07	1.74E 00	-0.02	1.70E 00	-0.01
109	1.70E 00	-0.02	0.07	1.73E 00	-0.01	1.68E 00	-0.00
108	1.69E 00	-0.01	0.07	1.71E 00	-0.01	1.66E 00	-0.00
107	1.67E 00	-0.01	0.07	1.70E 00	-0.01	1.65E 00	-0.00
106	1.66E 00	-0.01	0.07	1.68E 00	-0.01	1.63E 00	-0.00
105	1.64E 00	-0.01	0.07	1.66E 00	-0.00	1.62E 00	-0.01
104	1.62E 00	-0.01	0.07	1.65E 00	-0.00	1.60E 00	-0.00
103	1.61E 00	-0.01	0.06	1.63E 00	-0.00	1.59E 00	-0.00
102	1.59E 00	-0.01	0.06	1.62E 00	-0.00	1.57E 00	0.00
101	1.58E 00	-0.01	0.05	1.60E 00	0.00	1.55E 00	0.00
100	1.56E 00	-0.00	0.05	1.59E 00	0.00	1.54E 00	0.01
99	1.55E 00	-0.00	0.05	1.57E 00	0.01	1.52E 00	0.01
98	1.53E 00	-0.00	0.05	1.55E 00	0.01	1.51E 00	0.01
97	1.52E 00	-0.00	0.05	1.54E 00	0.01	1.49E 00	0.01
96	1.50E 00	-0.00	0.06	1.52E 00	0.01	1.48E 00	0.01
95	1.48E 00	0.00	0.06	1.51E 00	0.01	1.46E 00	0.01
94	1.47E 00	0.00	0.07	1.49E 00	0.01	1.45E 00	0.01
93	1.45E 00	0.00	0.07	1.48E 00	0.01	1.43E 00	0.01
92	1.44E 00	-0.00	0.07	1.46E 00	0.02	1.41E 00	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.2259E-01 RII(0)= 1.6835E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C
91	1.42E 00	-0.00	0.06	1.45E 00	0.02	1.40E 00	0.02
90	1.41E 00	-0.00	0.07	1.43E 00	0.02	1.38E 00	0.01
89	1.39E 00	-0.00	0.08	1.41E 00	0.02	1.37E 00	0.02
88	1.37E 00	-0.01	0.08	1.40E 00	0.02	1.35E 00	0.02
87	1.36E 00	-0.01	0.08	1.38E 00	0.02	1.34E 00	0.02
86	1.34E 00	-0.01	0.09	1.37E 00	0.02	1.32E 00	0.02
85	1.33E 00	-0.01	0.09	1.35E 00	0.03	1.30E 00	0.02
84	1.31E 00	-0.01	0.08	1.34E 00	0.03	1.29E 00	0.02
83	1.30E 00	-0.01	0.07	1.32E 00	0.03	1.27E 00	0.02
82	1.28E 00	-0.01	0.07	1.30E 00	0.03	1.26E 00	0.01
81	1.27E 00	-0.01	0.07	1.29E 00	0.03	1.24E 00	0.01
80	1.25E 00	-0.01	0.07	1.27E 00	0.03	1.23E 00	0.01
79	1.23E 00	-0.01	0.08	1.26E 00	0.03	1.21E 00	0.01
78	1.22E 00	-0.01	0.09	1.24E 00	0.02	1.20E 00	0.01
77	1.20E 00	-0.01	0.10	1.23E 00	0.02	1.18E 00	0.01
76	1.19E 00	-0.01	0.10	1.21E 00	0.02	1.16E 00	0.01
75	1.17E 00	-0.00	0.09	1.20E 00	0.02	1.15E 00	0.00
74	1.16E 00	0.00	0.09	1.18E 00	0.01	1.13E 00	0.00
73	1.14E 00	0.01	0.10	1.16E 00	0.01	1.12E 00	-0.00
72	1.12E 00	0.01	0.11	1.15E 00	0.01	1.10E 00	-0.01
71	1.11E 00	0.01	0.10	1.13E 00	0.00	1.09E 00	-0.01
70	1.09E 00	0.02	0.11	1.12E 00	0.00	1.07E 00	-0.01
69	1.08E 00	0.02	0.12	1.10E 00	0.00	1.05E 00	-0.01
68	1.06E 00	0.02	0.12	1.09E 00	0.00	1.04E 00	-0.01
67	1.05E 00	0.03	0.12	1.07E 00	0.00	1.02E 00	-0.01
66	1.03E 00	0.03	0.13	1.05E 00	0.00	1.01E 00	-0.00
65	1.02E 00	0.03	0.12	1.04E 00	0.01	9.92E-01	-0.00
64	10.00E-01	0.03	0.10	1.02E 00	0.01	9.77E-01	0.00
63	9.84E-01	0.03	0.10	1.01E 00	0.01	9.61E-01	0.00
62	9.69E-01	0.03	0.10	9.92E-01	0.01	9.46E-01	0.01
61	9.53E-01	0.04	0.09	9.76E-01	0.01	9.30E-01	0.01
60	9.37E-01	0.04	0.09	9.61E-01	0.00	9.14E-01	0.02
59	9.22E-01	0.04	0.08	9.45E-01	-0.01	8.99E-01	0.02
58	9.06E-01	0.04	0.08	9.29E-01	-0.02	8.83E-01	0.02
57	8.91E-01	0.04	0.07	9.14E-01	-0.03	8.67E-01	0.02
56	8.75E-01	0.04	0.07	8.98E-01	-0.03	8.52E-01	0.02
55	8.59E-01	0.03	0.07	8.83E-01	-0.04	8.36E-01	0.02
54	8.44E-01	0.03	0.07	8.67E-01	-0.05	8.21E-01	0.02
53	8.28E-01	0.03	0.06	8.51E-01	-0.05	8.05E-01	0.02
52	8.12E-01	0.02	0.06	8.36E-01	-0.06	7.89E-01	0.02
51	7.97E-01	0.02	0.05	8.20E-01	-0.06	7.74E-01	0.01
50	7.81E-01	0.01	0.05	8.04E-01	-0.06	7.58E-01	0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.2259E-01 RII(0)= 1.6835E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.01	0.06	7.89E-01	-0.07	7.42E-01	0.02
48	7.50E-01	-0.00	0.07	7.73E-01	-0.07	7.27E-01	0.02
47	7.34E-01	-0.01	0.06	7.58E-01	-0.08	7.11E-01	0.02
46	7.19E-01	-0.02	0.05	7.42E-01	-0.08	6.96E-01	0.02
45	7.03E-01	-0.03	0.06	7.26E-01	-0.09	6.80E-01	0.01
44	6.87E-01	-0.04	0.05	7.11E-01	-0.09	6.64E-01	0.01
43	6.72E-01	-0.05	0.05	6.95E-01	-0.09	6.49E-01	0.01
42	6.56E-01	-0.06	0.05	6.79E-01	-0.10	6.33E-01	0.01
41	6.41E-01	-0.06	0.04	6.64E-01	-0.09	6.17E-01	0.00
40	6.25E-01	-0.07	0.03	6.48E-01	-0.09	6.02E-01	-0.01
39	6.09E-01	-0.08	0.03	6.33E-01	-0.09	5.86E-01	-0.01
38	5.94E-01	-0.08	0.02	6.17E-01	-0.09	5.71E-01	-0.02
37	5.78E-01	-0.09	0.02	6.01E-01	-0.09	5.55E-01	-0.02
36	5.62E-01	-0.09	0.03	5.86E-01	-0.09	5.39E-01	-0.02
35	5.47E-01	-0.10	0.02	5.70E-01	-0.08	5.24E-01	-0.03
34	5.31E-01	-0.11	0.02	5.54E-01	-0.08	5.08E-01	-0.03
33	5.16E-01	-0.11	0.01	5.39E-01	-0.07	4.92E-01	-0.03
32	5.00E-01	-0.12	0.02	5.23E-01	-0.06	4.77E-01	-0.03
31	4.84E-01	-0.12	0.02	5.08E-01	-0.04	4.61E-01	-0.03
30	4.69E-01	-0.12	0.03	4.92E-01	-0.03	4.46E-01	-0.03
29	4.53E-01	-0.12	0.04	4.76E-01	-0.01	4.30E-01	-0.04
28	4.37E-01	-0.12	0.04	4.61E-01	0.01	4.14E-01	-0.04
27	4.22E-01	-0.12	0.05	4.45E-01	0.03	3.99E-01	-0.05
26	4.06E-01	-0.12	0.06	4.29E-01	0.06	3.83E-01	-0.05
25	3.91E-01	-0.11	0.06	4.14E-01	0.08	3.67E-01	-0.05
24	3.75E-01	-0.10	0.07	3.98E-01	0.11	3.52E-01	-0.05
23	3.59E-01	-0.09	0.08	3.83E-01	0.14	3.36E-01	-0.05
22	3.44E-01	-0.08	0.09	3.67E-01	0.16	3.21E-01	-0.06
21	3.28E-01	-0.07	0.08	3.51E-01	0.19	3.05E-01	-0.06
20	3.12E-01	-0.05	0.09	3.36E-01	0.21	2.89E-01	-0.07
19	2.97E-01	-0.04	0.08	3.20E-01	0.24	2.74E-01	-0.07
18	2.81E-01	-0.02	0.08	3.04E-01	0.26	2.58E-01	-0.07
17	2.66E-01	0.01	0.09	2.89E-01	0.28	2.42E-01	-0.07
16	2.50E-01	0.04	0.09	2.73E-01	0.29	2.27E-01	-0.07
15	2.34E-01	0.07	0.09	2.58E-01	0.29	2.11E-01	-0.06
14	2.19E-01	0.11	0.09	2.42E-01	0.29	1.96E-01	-0.06
13	2.03E-01	0.16	0.10	2.26E-01	0.27	1.80E-01	-0.05
12	1.87E-01	0.21	0.11	2.11E-01	0.25	1.64E-01	-0.04
11	1.72E-01	0.27	0.13	1.95E-01	0.22	1.49E-01	-0.03
10	1.56E-01	0.33	0.15	1.79E-01	0.19	1.33E-01	-0.02
9	1.41E-01	0.40	0.18	1.64E-01	0.15	1.17E-01	-0.01
8	1.25E-01	0.47	0.20	1.48E-01	0.12	1.02E-01	-0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.2259E-01 RII(0)= 1.6835E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.55	0.25	1.33E-01	0.09	8.62E-02	0.00
6	9.37E-02	0.63	0.29	1.17E-01	0.06	7.05E-02	0.01
5	7.81E-02	0.71	0.33	1.01E-01	0.03	5.49E-02	0.01
4	6.25E-02	0.79	0.40	8.57E-02	0.00	3.93E-02	0.00
3	4.69E-02	0.86	0.43	7.01E-02	-0.02	2.37E-02	-0.00
2	3.12E-02	0.92	0.49	5.44E-02	-0.03	8.05E-03	-0.01
1	1.56E-02	0.97	0.78	3.88E-02	-0.03	-7.58E-03	-0.02
0	0.	1.00	1.00	2.32E-02	-0.03	-2.32E-02	-0.03

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	3.88E-04	4.48E-04	0.10	0.	0.10	0.
182.86	9.7	0.30	8.04E-04	6.00E-04	0.12	0.03	0.12	13.86
365.71	19.5	0.59	8.56E-04	2.86E-04	0.19	0.14	0.24	37.69
548.57	29.2	0.89	9.14E-04	3.06E-04	0.25	0.29	0.38	48.87
731.43	38.9	1.18	1.03E-03	3.76E-04	0.23	0.41	0.47	60.26
914.29	48.6	1.48	1.11E-03	4.00E-04	0.11	0.48	0.50	76.94
1097.14	58.4	1.78	1.05E-03	3.39E-04	-0.07	0.51	0.51	97.72
1280.00	68.1	2.07	8.97E-04	2.49E-04	-0.22	0.45	0.50	116.63
1462.86	77.8	2.37	6.84E-04	2.02E-04	-0.35	0.29	0.45	140.42
1645.71	87.6	2.67	5.01E-04	1.99E-04	-0.49	0.04	0.49	175.51
1828.57	97.3	2.96	4.23E-04	2.01E-04	-0.50	-0.15	0.52	196.53
2011.43	107.0	3.26	3.73E-04	1.83E-04	-0.39	-0.24	0.46	211.21
2194.29	116.7	3.55	3.09E-04	1.68E-04	-0.29	-0.33	0.43	228.78
2377.14	126.5	3.85	2.53E-04	1.62E-04	-0.19	-0.41	0.46	245.65
2560.00	136.2	4.15	2.12E-04	1.62E-04	-0.12	-0.48	0.50	255.53
2742.86	145.9	4.44	1.76E-04	1.79E-04	-0.06	-0.50	0.50	263.25
2925.71	155.6	4.74	1.42E-04	1.80E-04	0.04	-0.48	0.48	275.27
3108.57	165.4	5.04	1.13E-04	1.43E-04	0.15	-0.43	0.45	289.02
3291.43	175.1	5.33	9.65E-05	1.10E-04	0.18	-0.41	0.45	293.76
3474.29	184.8	5.63	8.76E-05	1.02E-04	0.11	-0.42	0.43	284.31
3657.14	194.6	5.92	7.71E-05	9.47E-05	0.06	-0.42	0.43	278.69
3840.00	204.3	6.22	6.19E-05	8.26E-05	0.12	-0.37	0.39	287.71
4022.86	214.0	6.52	4.80E-05	7.46E-05	0.18	-0.22	0.29	310.08
4205.71	223.7	6.81	4.04E-05	7.46E-05	0.20	-0.09	0.21	336.59
4388.57	233.5	7.11	3.18E-05	7.09E-05	0.17	-0.06	0.18	341.10
4571.43	243.2	7.41	2.74E-05	6.62E-05	0.11	-0.16	0.19	304.17
4754.29	252.9	7.70	2.82E-05	6.57E-05	0.09	-0.20	0.22	294.90
4937.14	262.7	8.00	2.47E-05	6.29E-05	0.06	-0.13	0.14	293.90
5120.00	272.4	8.29	2.32E-05	5.92E-05	-0.02	-0.00	0.02	180.96
5302.86	282.1	8.59	2.43E-05	5.81E-05	-0.09	0.10	0.14	133.79
5485.71	291.8	8.89	2.13E-05	5.82E-05	-0.18	0.08	0.20	154.27
5668.57	301.6	9.18	1.79E-05	6.13E-05	-0.16	0.00	0.16	178.81
5851.43	311.3	9.48	1.51E-05	6.20E-05	-0.03	-0.06	0.07	245.99
6034.29	321.0	9.78	1.26E-05	5.47E-05	0.06	-0.16	0.18	290.70
6217.14	330.8	10.07	1.12E-05	4.53E-05	0.04	-0.21	0.21	280.51
6400.00	340.5	10.37	1.03E-05	4.21E-05	0.02	-0.14	0.14	278.19
6582.86	350.2	10.66	9.30E-06	5.22E-05	0.01	-0.14	0.14	273.45
6765.71	359.9	10.96	9.58E-06	5.78E-05	-0.00	-0.22	0.22	268.79
6948.57	369.7	11.26	1.02E-05	4.57E-05	0.02	-0.25	0.25	275.64
7131.43	379.4	11.55	8.78E-06	3.97E-05	0.04	-0.23	0.23	280.27
7314.29	389.1	11.85	7.45E-06	4.69E-05	0.02	-0.15	0.15	276.83
7497.14	398.8	12.15	7.07E-06	5.04E-05	0.02	-0.04	0.04	295.19

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 977 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	408.6	12.44	6.86E-06	4.39E-05	0.08	-0.01	0.08	355.60
7862.86	418.3	12.74	6.74E-06	3.91E-05	0.15	-0.00	0.15	359.61
8045.71	428.0	13.03	5.66E-06	4.39E-05	0.17	0.10	0.20	30.16
8228.57	437.8	13.33	5.10E-06	4.67E-05	0.22	0.18	0.29	38.27
8411.43	447.5	13.63	5.85E-06	4.42E-05	0.22	0.16	0.28	36.55
8594.29	457.2	13.92	6.29E-06	4.16E-05	0.09	0.07	0.11	39.32
8777.14	466.9	14.22	5.85E-06	3.90E-05	0.01	-0.03	0.03	283.25
8960.00	476.7	14.52	4.84E-06	4.09E-05	0.05	-0.04	0.06	319.82
9142.86	486.4	14.81	4.44E-06	4.50E-05	0.07	-0.03	0.08	335.66
9325.71	496.1	15.11	4.52E-06	4.18E-05	0.07	-0.02	0.07	344.19
9508.57	505.9	15.40	4.18E-06	3.80E-05	0.04	-0.05	0.07	309.74
9691.43	515.6	15.70	4.05E-06	3.67E-05	0.01	-0.11	0.11	277.28
9874.29	525.3	16.00	4.06E-06	3.16E-05	-0.02	-0.09	0.09	258.30
10057.14	535.0	16.29	4.21E-06	2.93E-05	-0.04	-0.02	0.05	208.40
10240.00	544.8	16.59	4.71E-06	3.28E-05	-0.02	0.03	0.03	122.27
10422.86	554.5	16.89	4.21E-06	3.68E-05	-0.02	0.06	0.06	105.47
10605.71	564.2	17.18	3.54E-06	4.28E-05	0.03	0.08	0.09	69.96
10788.57	574.0	17.48	3.96E-06	4.35E-05	0.13	0.08	0.15	33.60
10971.43	583.7	17.77	3.99E-06	3.54E-05	0.16	0.09	0.18	29.16
11154.29	593.4	18.07	3.72E-06	3.04E-05	0.15	0.08	0.17	29.04
11337.14	603.1	18.37	3.74E-06	3.13E-05	0.11	0.04	0.12	18.98
11520.00	612.9	18.66	3.44E-06	3.54E-05	-0.02	0.00	0.03	172.98
11702.86	622.6	18.96	2.99E-06	3.66E-05	-0.16	0.01	0.16	177.42
11885.71	632.3	19.25	2.79E-06	3.24E-05	-0.15	0.01	0.15	174.94
12068.57	642.0	19.55	2.64E-06	3.09E-05	-0.11	-0.01	0.11	183.44
12251.43	651.8	19.85	2.50E-06	3.44E-05	-0.13	-0.09	0.16	215.94
12434.29	661.5	20.14	2.58E-06	3.49E-05	-0.09	-0.10	0.13	228.03
12617.14	671.2	20.44	2.76E-06	3.19E-05	-0.05	0.01	0.05	168.05
12800.00	681.0	20.74	3.06E-06	2.97E-05	-0.12	0.03	0.13	165.55
12982.86	690.7	21.03	2.95E-06	2.88E-05	-0.21	0.02	0.22	175.26
13165.71	700.4	21.33	2.47E-06	3.20E-05	-0.15	-0.04	0.15	195.61
13348.57	710.1	21.62	2.32E-06	3.32E-05	-0.06	-0.12	0.14	245.18
13531.43	719.9	21.92	2.24E-06	2.87E-05	-0.10	-0.07	0.12	214.35
13714.29	729.6	22.22	2.31E-06	2.60E-05	-0.18	0.05	0.19	163.59
13897.14	739.3	22.51	2.36E-06	2.53E-05	-0.17	0.07	0.18	158.23
14080.00	749.1	22.81	1.96E-06	2.66E-05	-0.06	-0.00	0.06	183.14
14262.86	758.8	23.11	1.74E-06	2.98E-05	0.03	-0.08	0.08	289.26
14445.71	768.5	23.40	1.92E-06	2.83E-05	0.01	-0.06	0.06	275.02
14628.57	778.2	23.70	2.03E-06	2.58E-05	-0.00	0.03	0.03	90.45
14811.43	788.0	23.99	1.93E-06	2.62E-05	0.11	0.02	0.11	9.01
14994.29	797.7	24.29	1.69E-06	2.63E-05	0.16	-0.05	0.17	342.25
15177.14	807.4	24.59	1.51E-06	2.35E-05	0.03	-0.04	0.05	313.14

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
15360.00	817.2	24.88	1.70E-06	2.14E-05	-0.05	0.02	0.06	163.78
15542.86	826.9	25.18	1.91E-06	2.42E-05	0.00	0.04	0.04	88.06
15725.71	836.6	25.48	1.94E-06	2.73E-05	-0.04	0.06	0.08	126.73
15908.57	846.3	25.77	1.83E-06	2.66E-05	-0.14	-0.01	0.14	185.43
16091.43	856.1	26.07	1.57E-06	2.17E-05	-0.14	-0.12	0.19	221.77
16274.29	865.8	26.36	1.35E-06	1.89E-05	-0.03	-0.09	0.09	252.14
16457.14	875.5	26.66	1.23E-06	2.22E-05	0.08	-0.00	0.08	358.19
16640.00	885.2	26.96	1.35E-06	2.29E-05	0.09	0.00	0.09	1.86
16822.86	895.0	27.25	1.41E-06	1.90E-05	0.11	0.02	0.11	11.60
17005.71	904.7	27.55	1.40E-06	1.82E-05	0.08	0.04	0.09	23.62
17188.57	914.4	27.85	1.58E-06	2.02E-05	0.00	0.01	0.01	71.41
17371.43	924.2	28.14	1.53E-06	1.99E-05	-0.03	0.03	0.04	140.61
17554.29	933.9	28.44	1.31E-06	1.91E-05	-0.05	0.04	0.07	142.80
17737.14	943.6	28.73	1.25E-06	1.87E-05	-0.04	-0.06	0.07	232.22
17920.00	953.3	29.03	1.20E-06	1.61E-05	-0.04	-0.08	0.09	241.70
18102.86	963.1	29.33	1.03E-06	1.48E-05	-0.05	0.00	0.05	176.06
18285.71	972.8	29.62	9.06E-07	1.56E-05	-0.02	-0.07	0.08	251.63
18468.57	982.5	29.92	1.02E-06	1.74E-05	0.05	-0.21	0.21	284.31
18651.43	992.3	30.22	1.27E-06	1.90E-05	0.12	-0.18	0.22	303.18
18834.29	1002.0	30.51	1.28E-06	1.68E-05	0.09	-0.14	0.17	302.41
19017.14	1011.7	30.81	1.13E-06	1.38E-05	0.08	-0.12	0.15	304.13
19200.00	1021.4	31.10	1.06E-06	1.44E-05	0.08	-0.03	0.08	335.98
19382.86	1031.2	31.40	9.87E-07	1.76E-05	0.02	-0.05	0.06	288.02
19565.71	1040.9	31.70	9.61E-07	1.82E-05	0.02	-0.16	0.17	278.01
19748.57	1050.6	31.99	9.93E-07	1.53E-05	0.07	-0.16	0.18	293.54
19931.43	1060.4	32.29	1.05E-06	1.49E-05	0.11	-0.02	0.11	350.54

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.=97 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.1380E-01 RII(0)= 1.5099E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.01	0.02	2.65E 00	0.01	2.82E 00	0.00
174	2.72E 00	-0.01	0.02	2.63E 00	0.01	2.81E 00	-0.00
173	2.70E 00	-0.01	0.02	2.62E 00	0.01	2.79E 00	-0.01
172	2.69E 00	-0.01	0.03	2.60E 00	0.01	2.77E 00	-0.01
171	2.67E 00	-0.01	0.03	2.58E 00	0.01	2.76E 00	-0.02
170	2.66E 00	-0.01	0.02	2.57E 00	0.01	2.74E 00	-0.02
169	2.64E 00	-0.00	0.01	2.55E 00	0.01	2.73E 00	-0.03
168	2.62E 00	-0.00	-0.00	2.54E 00	0.01	2.71E 00	-0.03
167	2.61E 00	-0.00	-0.02	2.52E 00	0.01	2.70E 00	-0.03
166	2.59E 00	0.00	-0.01	2.51E 00	0.01	2.68E 00	-0.04
165	2.58E 00	0.00	0.00	2.49E 00	0.00	2.67E 00	-0.04
164	2.56E 00	0.01	0.01	2.48E 00	0.00	2.65E 00	-0.04
163	2.55E 00	0.01	0.01	2.46E 00	-0.00	2.63E 00	-0.03
162	2.53E 00	0.02	0.01	2.44E 00	-0.00	2.62E 00	-0.04
161	2.52E 00	0.02	0.00	2.43E 00	-0.00	2.60E 00	-0.04
160	2.50E 00	0.03	-0.00	2.41E 00	0.00	2.59E 00	-0.04
159	2.48E 00	0.03	-0.02	2.40E 00	0.00	2.57E 00	-0.04
158	2.47E 00	0.03	-0.03	2.38E 00	0.01	2.56E 00	-0.04
157	2.45E 00	0.03	-0.03	2.37E 00	0.01	2.54E 00	-0.04
156	2.44E 00	0.03	-0.02	2.35E 00	0.01	2.52E 00	-0.04
155	2.42E 00	0.03	-0.01	2.33E 00	0.01	2.51E 00	-0.04
154	2.41E 00	0.03	-0.01	2.32E 00	0.01	2.49E 00	-0.04
153	2.39E 00	0.02	-0.01	2.30E 00	0.01	2.48E 00	-0.04
152	2.37E 00	0.02	-0.01	2.29E 00	0.01	2.46E 00	-0.04
151	2.36E 00	0.02	-0.01	2.27E 00	0.01	2.45E 00	-0.04
150	2.34E 00	0.02	-0.01	2.26E 00	0.01	2.43E 00	-0.04
149	2.33E 00	0.02	-0.01	2.24E 00	0.01	2.42E 00	-0.04
148	2.31E 00	0.02	0.00	2.23E 00	0.00	2.40E 00	-0.03
147	2.30E 00	0.01	0.01	2.21E 00	0.00	2.38E 00	-0.03
146	2.28E 00	0.01	0.01	2.19E 00	0.01	2.37E 00	-0.02
145	2.27E 00	0.01	0.00	2.18E 00	0.01	2.35E 00	-0.02
144	2.25E 00	0.01	0.00	2.16E 00	0.01	2.34E 00	-0.01
143	2.23E 00	0.01	0.01	2.15E 00	0.00	2.32E 00	-0.01
142	2.22E 00	0.01	0.01	2.13E 00	-0.01	2.31E 00	-0.01
141	2.20E 00	0.01	0.01	2.12E 00	-0.01	2.29E 00	-0.00
140	2.19E 00	0.01	0.00	2.10E 00	-0.02	2.27E 00	0.00
139	2.17E 00	0.02	0.00	2.08E 00	-0.02	2.26E 00	0.01
138	2.16E 00	0.02	0.00	2.07E 00	-0.02	2.24E 00	0.01
137	2.14E 00	0.02	0.00	2.05E 00	-0.02	2.23E 00	0.02
136	2.12E 00	0.02	0.01	2.04E 00	-0.02	2.21E 00	0.02
135	2.11E 00	0.03	0.02	2.02E 00	-0.02	2.20E 00	0.02
134	2.09E 00	0.03	0.02	2.01E 00	-0.02	2.18E 00	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.1380E-01 RII(0)= 1.5099E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.03	0.01	1.99E 00	-0.02	2.17E 00	0.02
132	2.06E 00	0.03	-0.00	1.98E 00	-0.02	2.15E 00	0.03
131	2.05E 00	0.02	-0.01	1.96E 00	-0.02	2.13E 00	0.03
130	2.03E 00	0.02	-0.02	1.94E 00	-0.02	2.12E 00	0.03
129	2.02E 00	0.02	-0.02	1.93E 00	-0.02	2.10E 00	0.03
128	2.00E 00	0.02	-0.01	1.91E 00	-0.02	2.09E 00	0.02
127	1.98E 00	0.02	0.01	1.90E 00	-0.02	2.07E 00	0.03
126	1.97E 00	0.02	0.02	1.88E 00	-0.02	2.06E 00	0.03
125	1.95E 00	0.02	0.03	1.87E 00	-0.02	2.04E 00	0.02
124	1.94E 00	0.03	0.03	1.85E 00	-0.02	2.02E 00	0.02
123	1.92E 00	0.03	0.02	1.83E 00	-0.02	2.01E 00	0.02
122	1.91E 00	0.03	0.01	1.82E 00	-0.02	1.99E 00	0.02
121	1.89E 00	0.03	-0.01	1.80E 00	-0.02	1.98E 00	0.02
120	1.87E 00	0.03	-0.01	1.79E 00	-0.01	1.96E 00	0.01
119	1.86E 00	0.03	-0.00	1.77E 00	-0.01	1.95E 00	0.01
118	1.84E 00	0.03	-0.00	1.76E 00	-0.00	1.93E 00	0.00
117	1.83E 00	0.03	-0.01	1.74E 00	0.00	1.92E 00	-0.00
116	1.81E 00	0.02	-0.00	1.73E 00	0.01	1.90E 00	-0.01
115	1.80E 00	0.02	-0.00	1.71E 00	0.01	1.88E 00	-0.01
114	1.78E 00	0.02	-0.01	1.69E 00	0.02	1.87E 00	-0.01
113	1.77E 00	0.02	-0.00	1.68E 00	0.02	1.85E 00	-0.01
112	1.75E 00	0.01	0.00	1.66E 00	0.02	1.84E 00	-0.01
111	1.73E 00	0.01	0.00	1.65E 00	0.02	1.82E 00	-0.01
110	1.72E 00	0.01	0.00	1.63E 00	0.01	1.81E 00	-0.01
109	1.70E 00	0.00	0.00	1.62E 00	0.01	1.79E 00	-0.00
108	1.69E 00	0.00	-0.00	1.60E 00	0.01	1.77E 00	0.00
107	1.67E 00	0.00	-0.01	1.58E 00	0.01	1.76E 00	0.01
106	1.66E 00	0.00	-0.01	1.57E 00	0.01	1.74E 00	0.01
105	1.64E 00	0.00	-0.01	1.55E 00	0.01	1.73E 00	0.02
104	1.62E 00	0.00	0.00	1.54E 00	0.00	1.71E 00	0.02
103	1.61E 00	0.00	0.02	1.52E 00	-0.00	1.70E 00	0.02
102	1.59E 00	0.00	0.02	1.51E 00	-0.01	1.68E 00	0.02
101	1.58E 00	-0.00	0.01	1.49E 00	-0.01	1.67E 00	0.01
100	1.56E 00	-0.00	0.01	1.48E 00	-0.02	1.65E 00	0.01
99	1.55E 00	-0.01	0.01	1.46E 00	-0.02	1.63E 00	0.01
98	1.53E 00	-0.01	0.01	1.44E 00	-0.02	1.62E 00	0.00
97	1.52E 00	-0.01	0.00	1.43E 00	-0.02	1.60E 00	-0.00
96	1.50E 00	-0.02	-0.00	1.41E 00	-0.02	1.59E 00	-0.01
95	1.48E 00	-0.02	-0.01	1.40E 00	-0.01	1.57E 00	-0.00
94	1.47E 00	-0.03	-0.01	1.38E 00	-0.01	1.56E 00	-0.00
93	1.45E 00	-0.03	-0.00	1.37E 00	-0.01	1.54E 00	0.00
92	1.44E 00	-0.03	-0.00	1.35E 00	-0.01	1.52E 00	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.1380E-01 RII(0)= 1.5099E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	-0.04	-0.00	1.33E 00	-0.01	1.51E 00	0.00
90	1.41E 00	-0.04	-0.00	1.32E 00	-0.01	1.49E 00	0.00
89	1.39E 00	-0.04	-0.01	1.30E 00	-0.01	1.48E 00	0.00
88	1.37E 00	-0.04	-0.00	1.29E 00	-0.01	1.46E 00	0.00
87	1.36E 00	-0.04	0.00	1.27E 00	-0.01	1.45E 00	0.00
86	1.34E 00	-0.04	0.00	1.26E 00	-0.02	1.43E 00	0.00
85	1.33E 00	-0.03	-0.00	1.24E 00	-0.02	1.42E 00	0.00
84	1.31E 00	-0.03	0.01	1.23E 00	-0.01	1.40E 00	0.01
83	1.30E 00	-0.02	0.01	1.21E 00	-0.01	1.38E 00	0.01
82	1.28E 00	-0.02	0.01	1.19E 00	-0.01	1.37E 00	0.01
81	1.27E 00	-0.01	0.01	1.18E 00	-0.00	1.35E 00	0.01
80	1.25E 00	-0.00	0.00	1.16E 00	-0.00	1.34E 00	0.01
79	1.23E 00	0.00	0.00	1.15E 00	-0.00	1.32E 00	0.01
78	1.22E 00	0.00	0.00	1.13E 00	-0.00	1.31E 00	0.01
77	1.20E 00	0.01	0.01	1.12E 00	-0.00	1.29E 00	0.01
76	1.19E 00	0.01	0.01	1.10E 00	-0.00	1.27E 00	0.01
75	1.17E 00	0.01	-0.00	1.08E 00	-0.00	1.26E 00	0.01
74	1.16E 00	0.01	-0.00	1.07E 00	-0.01	1.24E 00	0.01
73	1.14E 00	0.01	0.00	1.05E 00	-0.01	1.23E 00	0.01
72	1.12E 00	0.00	0.02	1.04E 00	-0.01	1.21E 00	0.00
71	1.11E 00	0.00	0.03	1.02E 00	-0.01	1.20E 00	0.00
70	1.09E 00	0.00	0.02	1.01E 00	-0.01	1.18E 00	0.00
69	1.08E 00	0.00	0.01	9.91E-01	-0.01	1.17E 00	0.00
68	1.06E 00	0.00	-0.00	9.76E-01	-0.01	1.15E 00	-0.00
67	1.05E 00	-0.00	-0.02	9.60E-01	-0.01	1.13E 00	-0.00
66	1.03E 00	0.00	-0.02	9.44E-01	-0.01	1.12E 00	0.00
65	1.02E 00	0.00	0.00	9.29E-01	-0.01	1.10E 00	0.01
64	10.00E-01	0.00	0.02	9.13E-01	-0.02	1.09E 00	0.01
63	9.84E-01	0.01	0.02	8.97E-01	-0.02	1.07E 00	0.01
62	9.69E-01	0.01	0.01	8.82E-01	-0.02	1.06E 00	0.01
61	9.53E-01	0.02	0.00	8.66E-01	-0.02	1.04E 00	0.02
60	9.37E-01	0.02	-0.00	8.51E-01	-0.02	1.02E 00	0.02
59	9.22E-01	0.03	-0.02	8.35E-01	-0.01	1.01E 00	0.02
58	9.06E-01	0.03	-0.04	8.19E-01	-0.01	9.93E-01	0.03
57	8.91E-01	0.03	-0.04	8.04E-01	-0.00	9.78E-01	0.03
56	8.75E-01	0.03	-0.04	7.88E-01	0.00	9.62E-01	0.03
55	8.59E-01	0.04	-0.04	7.72E-01	0.00	9.46E-01	0.02
54	8.44E-01	0.04	-0.03	7.57E-01	0.00	9.31E-01	0.02
53	8.28E-01	0.03	-0.03	7.41E-01	0.00	9.15E-01	0.01
52	8.12E-01	0.03	-0.03	7.26E-01	-0.00	8.99E-01	0.01
51	7.97E-01	0.03	-0.02	7.10E-01	0.00	8.84E-01	0.00
50	7.81E-01	0.03	-0.01	6.94E-01	0.00	8.68E-01	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.1380E-01 RII(0)= 1.5099E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.03	-0.00	6.79E-01	0.01	8.53E-01	0.00
48	7.50E-01	0.02	-0.00	6.63E-01	0.01	8.37E-01	-0.00
47	7.34E-01	0.02	-0.01	6.47E-01	0.02	8.21E-01	-0.00
46	7.19E-01	0.02	-0.01	6.32E-01	0.02	8.06E-01	-0.00
45	7.03E-01	0.02	-0.00	6.16E-01	0.02	7.90E-01	-0.00
44	6.87E-01	0.01	0.01	6.01E-01	0.02	7.74E-01	-0.00
43	6.72E-01	0.01	0.02	5.85E-01	0.02	7.59E-01	-0.00
42	6.56E-01	0.00	0.01	5.69E-01	0.02	7.43E-01	-0.00
41	6.41E-01	-0.00	0.02	5.54E-01	0.01	7.28E-01	-0.00
40	6.25E-01	-0.01	0.02	5.38E-01	0.00	7.12E-01	-0.01
39	6.09E-01	-0.02	0.03	5.22E-01	-0.00	6.96E-01	-0.01
38	5.94E-01	-0.03	0.02	5.07E-01	-0.01	6.81E-01	-0.02
37	5.78E-01	-0.04	0.02	4.91E-01	-0.02	6.65E-01	-0.02
36	5.62E-01	-0.06	0.01	4.76E-01	-0.03	6.49E-01	-0.02
35	5.47E-01	-0.07	0.00	4.60E-01	-0.04	6.34E-01	-0.02
34	5.31E-01	-0.07	-0.00	4.44E-01	-0.05	6.18E-01	-0.02
33	5.16E-01	-0.08	-0.00	4.29E-01	-0.06	6.03E-01	-0.02
32	5.00E-01	-0.09	-0.00	4.13E-01	-0.07	5.87E-01	-0.02
31	4.84E-01	-0.10	-0.01	3.97E-01	-0.08	5.71E-01	-0.02
30	4.69E-01	-0.10	-0.02	3.82E-01	-0.08	5.56E-01	-0.02
29	4.53E-01	-0.10	-0.01	3.66E-01	-0.09	5.40E-01	-0.02
28	4.37E-01	-0.11	-0.01	3.51E-01	-0.10	5.24E-01	-0.02
27	4.22E-01	-0.11	-0.01	3.35E-01	-0.11	5.09E-01	-0.01
26	4.06E-01	-0.10	-0.00	3.19E-01	-0.11	4.93E-01	-0.01
25	3.91E-01	-0.10	-0.00	3.04E-01	-0.11	4.78E-01	-0.00
24	3.75E-01	-0.09	-0.00	2.88E-01	-0.11	4.62E-01	-0.00
23	3.59E-01	-0.09	-0.00	2.72E-01	-0.11	4.46E-01	0.00
22	3.44E-01	-0.07	-0.01	2.57E-01	-0.11	4.31E-01	0.01
21	3.28E-01	-0.06	-0.02	2.41E-01	-0.10	4.15E-01	0.02
20	3.12E-01	-0.05	-0.02	2.26E-01	-0.09	3.99E-01	0.02
19	2.97E-01	-0.03	-0.02	2.10E-01	-0.09	3.84E-01	0.03
18	2.81E-01	-0.01	-0.03	1.94E-01	-0.08	3.68E-01	0.03
17	2.66E-01	0.02	-0.04	1.79E-01	-0.07	3.53E-01	0.03
16	2.50E-01	0.05	-0.04	1.63E-01	-0.06	3.37E-01	0.04
15	2.34E-01	0.08	-0.04	1.47E-01	-0.05	3.21E-01	0.04
14	2.19E-01	0.12	-0.05	1.32E-01	-0.04	3.06E-01	0.04
13	2.03E-01	0.16	-0.06	1.16E-01	-0.03	2.90E-01	0.04
12	1.87E-01	0.21	-0.06	1.01E-01	-0.01	2.74E-01	0.04
11	1.72E-01	0.27	-0.04	8.50E-02	0.00	2.59E-01	0.04
10	1.56E-01	0.33	-0.01	6.93E-02	0.01	2.43E-01	0.03
9	1.41E-01	0.40	0.01	5.37E-02	0.02	2.28E-01	0.03
8	1.25E-01	0.47	0.03	3.81E-02	0.03	2.12E-01	0.04

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.1380E-01 RII(0)= 1.5099E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.54	0.06	2.25E-02	0.04	1.96E-01	0.04
6	9.37E-02	0.62	0.07	6.85E-03	0.04	1.81E-01	0.04
5	7.81E-02	0.70	0.07	-8.78E-03	0.04	1.65E-01	0.04
4	6.25E-02	0.78	0.13	-2.44E-02	0.05	1.49E-01	0.05
3	4.69E-02	0.85	0.20	-4.00E-02	0.05	1.34E-01	0.05
2	3.12E-02	0.92	0.33	-5.56E-02	0.05	1.18E-01	0.05
1	1.56E-02	0.97	0.72	-7.13E-02	0.05	1.03E-01	0.05
0	0.	1.00	1.00	-8.69E-02	0.05	8.69E-02	0.05

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	4.18E-04	6.99E-05	-0.10	0.	0.10	180.00
182.86	9.7	0.30	8.29E-04	1.40E-04	-0.08	-0.18	0.19	244.62
365.71	19.5	0.59	8.62E-04	1.51E-04	-0.04	-0.20	0.20	257.51
548.57	29.2	0.89	8.75E-04	1.67E-04	0.02	-0.21	0.21	274.35
731.43	38.9	1.18	8.80E-04	1.71E-04	0.06	-0.25	0.25	283.93
914.29	48.6	1.48	9.70E-04	1.68E-04	0.11	-0.28	0.30	290.50
1097.14	58.4	1.78	9.89E-04	1.61E-04	0.13	-0.33	0.36	292.20
1280.00	68.1	2.07	8.55E-04	1.70E-04	0.15	-0.27	0.31	300.14
1462.86	77.8	2.37	6.93E-04	1.98E-04	0.14	-0.18	0.23	307.54
1645.71	87.6	2.67	5.62E-04	2.20E-04	0.14	-0.08	0.16	331.07
1828.57	97.3	2.96	4.29E-04	2.20E-04	0.19	0.07	0.20	19.80
2011.43	107.0	3.26	3.13E-04	1.91E-04	0.14	0.15	0.21	48.20
2194.29	116.7	3.55	2.50E-04	1.57E-04	0.09	0.16	0.19	59.79
2377.14	126.5	3.85	2.34E-04	1.47E-04	0.10	0.09	0.14	43.82
2560.00	136.2	4.15	2.13E-04	1.56E-04	0.02	0.08	0.08	76.23
2742.86	145.9	4.44	1.62E-04	1.63E-04	0.02	0.10	0.10	77.30
2925.71	155.6	4.74	1.25E-04	1.67E-04	0.12	0.03	0.12	14.13
3108.57	165.4	5.04	1.23E-04	1.63E-04	0.08	-0.05	0.10	330.43
3291.43	175.1	5.33	1.21E-04	1.36E-04	0.00	-0.07	0.07	271.84
3474.29	184.8	5.63	8.94E-05	1.12E-04	0.02	-0.09	0.09	280.38
3657.14	194.6	5.92	6.27E-05	1.06E-04	0.02	-0.01	0.02	327.19
3840.00	204.3	6.22	5.12E-05	1.01E-04	0.01	0.13	0.13	85.83
4022.86	214.0	6.52	4.33E-05	9.51E-05	0.06	0.08	0.10	49.90
4205.71	223.7	6.81	4.29E-05	8.92E-05	0.00	-0.06	0.06	274.31
4388.57	233.5	7.11	4.08E-05	8.34E-05	-0.09	-0.05	0.10	206.17
4571.43	243.2	7.41	3.55E-05	8.21E-05	-0.07	0.04	0.08	151.44
4754.29	252.9	7.70	3.27E-05	7.95E-05	-0.05	0.05	0.07	135.31
4937.14	262.7	8.00	2.67E-05	8.48E-05	0.01	0.02	0.03	77.60
5120.00	272.4	8.29	2.10E-05	1.00E-04	0.13	0.07	0.15	28.74
5302.86	282.1	8.59	1.93E-05	9.45E-05	0.11	0.14	0.18	51.17
5485.71	291.8	8.89	1.97E-05	8.00E-05	-0.06	0.12	0.13	117.69
5668.57	301.6	9.18	2.03E-05	7.41E-05	-0.13	0.04	0.14	163.83
5851.43	311.3	9.48	1.69E-05	6.74E-05	-0.04	0.02	0.05	155.09
6034.29	321.0	9.78	1.51E-05	7.63E-05	0.04	0.04	0.05	47.56
6217.14	330.8	10.07	1.57E-05	9.23E-05	0.03	0.01	0.04	21.33
6400.00	340.5	10.37	1.39E-05	8.69E-05	0.09	0.03	0.09	18.69
6582.86	350.2	10.66	1.17E-05	7.55E-05	0.09	0.09	0.12	45.97
6765.71	359.9	10.96	1.00E-05	7.02E-05	-0.03	0.08	0.09	108.31
6948.57	369.7	11.26	8.30E-06	7.48E-05	-0.07	0.03	0.07	156.34
7131.43	379.4	11.55	7.77E-06	8.52E-05	-0.02	-0.09	0.09	258.58
7314.29	389.1	11.85	7.88E-06	8.19E-05	-0.05	-0.17	0.18	254.81
7497.14	398.8	12.15	7.17E-06	7.64E-05	-0.08	-0.13	0.15	239.38

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	408.6	12.44	6.98E-06	7.24E-05	0.00	-0.04	0.04	274.92
7862.86	418.3	12.74	6.81E-06	6.95E-05	0.04	0.08	0.09	61.25
8045.71	428.0	13.03	5.82E-06	7.75E-05	-0.04	0.06	0.07	122.38
8228.57	437.8	13.33	5.16E-06	7.94E-05	-0.10	-0.08	0.13	218.22
8411.43	447.5	13.63	5.11E-06	6.62E-05	-0.10	-0.13	0.16	233.25
8594.29	457.2	13.92	5.24E-06	5.88E-05	-0.14	-0.10	0.17	216.03
8777.14	466.9	14.22	5.03E-06	5.85E-05	-0.19	0.00	0.19	179.15
8960.00	476.7	14.52	5.11E-06	6.17E-05	-0.16	0.09	0.19	152.28
9142.86	486.4	14.81	4.87E-06	6.54E-05	-0.07	0.06	0.10	139.59
9325.71	496.1	15.11	4.11E-06	5.78E-05	0.00	-0.00	0.00	321.67
9508.57	505.9	15.40	4.06E-06	4.60E-05	0.03	-0.04	0.05	302.17
9691.43	515.6	15.70	4.19E-06	4.38E-05	0.05	0.01	0.05	11.33
9874.29	525.3	16.00	4.03E-06	5.03E-05	0.04	0.05	0.06	48.09
0057.14	535.0	16.29	4.35E-06	5.16E-05	0.07	0.05	0.09	34.86
0240.00	544.8	16.59	4.86E-06	4.64E-05	0.10	0.05	0.12	25.77
0422.86	554.5	16.89	4.36E-06	4.22E-05	-0.02	0.05	0.05	106.90
0605.71	564.2	17.18	3.59E-06	3.99E-05	-0.09	0.01	0.09	172.75
0788.57	574.0	17.48	3.56E-06	4.03E-05	0.01	-0.06	0.06	279.35
0971.43	583.7	17.77	3.69E-06	3.95E-05	0.04	-0.08	0.09	295.71
1154.29	593.4	18.07	3.41E-06	3.61E-05	-0.05	-0.08	0.10	236.19
1337.14	603.1	18.37	3.25E-06	3.33E-05	-0.13	-0.06	0.15	203.23
1520.00	612.9	18.66	3.28E-06	3.67E-05	-0.03	-0.01	0.03	190.03
1702.86	622.6	18.96	2.97E-06	4.55E-05	0.10	-0.03	0.10	340.27
1885.71	632.3	19.25	2.86E-06	4.49E-05	0.03	-0.10	0.10	285.78
2068.57	642.0	19.55	2.77E-06	3.44E-05	-0.06	-0.07	0.09	231.97
2251.43	651.8	19.85	2.40E-06	2.98E-05	0.01	-0.03	0.03	290.52
2434.29	661.5	20.14	2.44E-06	3.16E-05	0.05	-0.01	0.05	353.42
2617.14	671.2	20.44	2.70E-06	3.19E-05	0.05	-0.08	0.09	302.76
2800.00	681.0	20.74	2.57E-06	3.23E-05	0.00	-0.13	0.13	272.03
2982.86	690.7	21.03	2.33E-06	3.53E-05	-0.05	-0.08	0.09	239.85
3165.71	700.4	21.33	2.44E-06	3.51E-05	-0.05	-0.04	0.07	216.24
3348.57	710.1	21.62	2.47E-06	3.03E-05	0.01	0.01	0.02	23.50
3531.43	719.9	21.92	2.09E-06	2.75E-05	0.14	0.01	0.14	5.06
3714.29	729.6	22.22	2.00E-06	2.86E-05	0.20	0.02	0.20	6.78
3897.14	739.3	22.51	2.20E-06	3.06E-05	0.15	0.10	0.18	32.62
4080.00	749.1	22.81	2.12E-06	3.00E-05	0.12	0.10	0.16	40.17
4262.86	758.8	23.11	2.02E-06	2.70E-05	0.11	0.04	0.11	19.76
4445.71	768.5	23.40	1.93E-06	2.40E-05	0.04	-0.03	0.05	325.74
4628.57	778.2	23.70	1.88E-06	2.33E-05	-0.01	-0.05	0.05	259.51
4811.43	788.0	23.99	1.87E-06	2.48E-05	-0.02	0.04	0.04	118.24
4994.29	797.7	24.29	1.67E-06	2.50E-05	-0.02	0.05	0.05	113.22
5177.14	807.4	24.59	1.65E-06	2.33E-05	0.02	-0.09	0.09	279.22

[redacted]

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
5360.00	817.2	24.88	1.71E-06	2.06E-05	0.09	-0.18	0.20	295.60
5542.86	826.9	25.18	1.63E-06	2.03E-05	0.10	-0.20	0.22	296.93
5725.71	836.6	25.48	1.67E-06	2.12E-05	-0.05	-0.18	0.18	255.12
5908.57	846.3	25.77	1.68E-06	2.32E-05	-0.11	-0.08	0.13	217.16
6091.43	856.1	26.07	1.40E-06	2.53E-05	-0.02	0.02	0.03	125.28
6274.29	865.8	26.36	1.23E-06	2.27E-05	-0.01	0.04	0.05	104.34
6457.14	875.5	26.66	1.28E-06	1.98E-05	-0.03	0.03	0.04	140.41
6640.00	885.2	26.96	1.31E-06	2.07E-05	-0.02	-0.00	0.02	190.86
6822.86	895.0	27.25	1.26E-06	2.20E-05	-0.05	-0.01	0.05	198.11
7005.71	904.7	27.55	1.23E-06	2.19E-05	0.02	0.00	0.02	1.36
7188.57	914.4	27.85	1.25E-06	2.06E-05	0.08	-0.06	0.10	321.51
7371.43	924.2	28.14	1.26E-06	1.93E-05	0.04	-0.15	0.16	284.09
7554.29	933.9	28.44	1.30E-06	1.99E-05	-0.03	-0.12	0.13	254.48
7737.14	943.6	28.73	1.15E-06	2.13E-05	-0.06	-0.01	0.06	185.22
7920.00	953.3	29.03	9.04E-07	2.09E-05	-0.05	0.02	0.05	162.07
8102.86	963.1	29.33	9.38E-07	1.92E-05	-0.08	-0.03	0.09	200.21
8285.71	972.8	29.62	1.05E-06	1.76E-05	-0.09	0.00	0.09	177.07
8468.57	982.5	29.92	1.14E-06	1.62E-05	-0.01	0.00	0.01	163.64
8651.43	992.3	30.22	1.24E-06	1.59E-05	0.02	0.01	0.02	26.22
8834.29	1002.0	30.51	1.16E-06	1.66E-05	0.01	0.08	0.08	82.12
9017.14	1011.7	30.81	1.02E-06	1.69E-05	0.03	0.07	0.07	65.63
9200.00	1021.4	31.10	1.01E-06	1.73E-05	0.04	-0.00	0.04	354.79
9382.86	1031.2	31.40	9.74E-07	1.73E-05	0.01	0.02	0.03	70.11
9565.71	1040.9	31.70	9.27E-07	1.57E-05	-0.10	0.14	0.17	124.88
9748.57	1050.6	31.99	8.51E-07	1.59E-05	-0.16	0.12	0.20	142.10
9931.43	1060.4	32.29	7.55E-07	1.73E-05	-0.13	-0.01	0.13	185.28

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.3451E-01 RII(0)= 6.7822E-02

I	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.06	-0.02	2.64E 00	-0.01	2.82E 00	0.02
174	2.72E 00	-0.05	-0.02	2.63E 00	-0.01	2.81E 00	0.02
173	2.70E 00	-0.05	-0.02	2.61E 00	-0.00	2.79E 00	0.03
172	2.69E 00	-0.04	-0.02	2.60E 00	-0.00	2.78E 00	0.04
171	2.67E 00	-0.04	-0.02	2.58E 00	-0.00	2.76E 00	0.04
170	2.66E 00	-0.03	-0.01	2.57E 00	0.00	2.75E 00	0.04
169	2.64E 00	-0.03	-0.02	2.55E 00	0.00	2.73E 00	0.04
168	2.62E 00	-0.02	-0.01	2.53E 00	0.00	2.72E 00	0.04
167	2.61E 00	-0.02	-0.01	2.52E 00	0.00	2.70E 00	0.04
166	2.59E 00	-0.02	-0.00	2.50E 00	0.00	2.68E 00	0.03
165	2.58E 00	-0.02	-0.00	2.49E 00	0.00	2.67E 00	0.03
164	2.56E 00	-0.01	-0.00	2.47E 00	-0.00	2.65E 00	0.03
163	2.55E 00	-0.01	-0.00	2.46E 00	-0.01	2.64E 00	0.03
162	2.53E 00	-0.02	-0.01	2.44E 00	-0.01	2.62E 00	0.03
161	2.52E 00	-0.02	-0.01	2.43E 00	-0.02	2.61E 00	0.02
160	2.50E 00	-0.02	-0.01	2.41E 00	-0.02	2.59E 00	0.02
159	2.48E 00	-0.02	-0.02	2.39E 00	-0.02	2.57E 00	0.01
158	2.47E 00	-0.02	-0.02	2.38E 00	-0.03	2.56E 00	0.01
157	2.45E 00	-0.02	-0.02	2.36E 00	-0.03	2.54E 00	0.00
156	2.44E 00	-0.02	-0.02	2.35E 00	-0.02	2.53E 00	-0.00
155	2.42E 00	-0.02	-0.03	2.33E 00	-0.02	2.51E 00	-0.01
154	2.41E 00	-0.02	-0.02	2.32E 00	-0.02	2.50E 00	-0.01
153	2.39E 00	-0.02	-0.02	2.30E 00	-0.02	2.48E 00	-0.01
152	2.37E 00	-0.02	-0.01	2.28E 00	-0.02	2.47E 00	-0.01
151	2.36E 00	-0.02	-0.01	2.27E 00	-0.02	2.45E 00	-0.01
150	2.34E 00	-0.02	-0.00	2.25E 00	-0.02	2.43E 00	-0.02
149	2.33E 00	-0.02	0.00	2.24E 00	-0.02	2.42E 00	-0.02
148	2.31E 00	-0.02	0.01	2.22E 00	-0.02	2.40E 00	-0.03
147	2.30E 00	-0.02	0.01	2.21E 00	-0.02	2.39E 00	-0.03
146	2.28E 00	-0.02	0.01	2.19E 00	-0.02	2.37E 00	-0.03
145	2.27E 00	-0.03	0.01	2.18E 00	-0.02	2.36E 00	-0.03
144	2.25E 00	-0.03	0.02	2.16E 00	-0.02	2.34E 00	-0.03
143	2.23E 00	-0.03	0.03	2.14E 00	-0.02	2.32E 00	-0.02
142	2.22E 00	-0.03	0.03	2.13E 00	-0.01	2.31E 00	-0.02
141	2.20E 00	-0.03	0.03	2.11E 00	-0.01	2.29E 00	-0.02
140	2.19E 00	-0.04	0.03	2.10E 00	-0.00	2.28E 00	-0.02
139	2.17E 00	-0.04	0.02	2.08E 00	0.00	2.26E 00	-0.02
138	2.16E 00	-0.04	0.01	2.07E 00	0.00	2.25E 00	-0.02
137	2.14E 00	-0.04	0.00	2.05E 00	0.01	2.23E 00	-0.02
136	2.12E 00	-0.04	0.00	2.03E 00	0.01	2.22E 00	-0.02
135	2.11E 00	-0.03	0.01	2.02E 00	0.01	2.20E 00	-0.01
134	2.09E 00	-0.03	0.01	2.00E 00	0.01	2.18E 00	-0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.3451E-01 RII(0)= 6.7822E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	-0.03	0.00	1.99E 00	0.01	2.17E 00	-0.01
132	2.06E 00	-0.03	-0.00	1.97E 00	0.01	2.15E 00	-0.01
131	2.05E 00	-0.02	-0.00	1.96E 00	0.01	2.14E 00	-0.01
130	2.03E 00	-0.02	-0.00	1.94E 00	0.01	2.12E 00	-0.01
129	2.02E 00	-0.02	0.00	1.93E 00	0.00	2.11E 00	-0.00
128	2.00E 00	-0.02	0.00	1.91E 00	0.00	2.09E 00	0.00
127	1.98E 00	-0.02	-0.00	1.89E 00	0.00	2.07E 00	0.01
126	1.97E 00	-0.02	-0.00	1.88E 00	0.00	2.06E 00	0.01
125	1.95E 00	-0.02	-0.00	1.86E 00	0.00	2.04E 00	0.01
124	1.94E 00	-0.02	0.00	1.85E 00	0.01	2.03E 00	0.01
123	1.92E 00	-0.02	0.01	1.83E 00	0.01	2.01E 00	0.01
122	1.91E 00	-0.01	0.01	1.82E 00	0.01	2.00E 00	0.01
121	1.89E 00	-0.01	0.01	1.80E 00	0.01	1.98E 00	0.02
120	1.87E 00	-0.01	0.01	1.78E 00	0.01	1.97E 00	0.02
119	1.86E 00	-0.01	0.01	1.77E 00	0.01	1.95E 00	0.02
118	1.84E 00	-0.00	0.01	1.75E 00	0.01	1.93E 00	0.02
117	1.83E 00	-0.01	0.01	1.74E 00	0.02	1.92E 00	0.02
116	1.81E 00	-0.01	0.01	1.72E 00	0.02	1.90E 00	0.02
115	1.80E 00	-0.01	0.00	1.71E 00	0.02	1.89E 00	0.02
114	1.78E 00	-0.01	-0.00	1.69E 00	0.03	1.87E 00	0.02
113	1.77E 00	-0.01	-0.00	1.68E 00	0.03	1.86E 00	0.02
112	1.75E 00	-0.02	-0.00	1.66E 00	0.03	1.84E 00	0.02
111	1.73E 00	-0.02	-0.01	1.64E 00	0.03	1.82E 00	0.02
110	1.72E 00	-0.02	-0.01	1.63E 00	0.03	1.81E 00	0.02
109	1.70E 00	-0.02	-0.01	1.61E 00	0.03	1.79E 00	0.02
108	1.69E 00	-0.02	-0.01	1.60E 00	0.03	1.78E 00	0.02
107	1.67E 00	-0.02	-0.01	1.58E 00	0.02	1.76E 00	0.02
106	1.66E 00	-0.02	-0.01	1.57E 00	0.02	1.75E 00	0.03
105	1.64E 00	-0.01	-0.00	1.55E 00	0.02	1.73E 00	0.03
104	1.62E 00	-0.01	0.00	1.53E 00	0.02	1.72E 00	0.03
103	1.61E 00	-0.01	0.01	1.52E 00	0.02	1.70E 00	0.03
102	1.59E 00	-0.01	0.00	1.50E 00	0.01	1.68E 00	0.03
101	1.58E 00	-0.01	-0.01	1.49E 00	0.01	1.67E 00	0.03
100	1.56E 00	-0.01	-0.02	1.47E 00	0.02	1.65E 00	0.04
99	1.55E 00	-0.01	-0.02	1.46E 00	0.02	1.64E 00	0.04
98	1.53E 00	-0.01	-0.03	1.44E 00	0.03	1.62E 00	0.04
97	1.52E 00	-0.01	-0.03	1.43E 00	0.03	1.61E 00	0.04
96	1.50E 00	-0.01	-0.04	1.41E 00	0.04	1.59E 00	0.04
95	1.48E 00	-0.02	-0.04	1.39E 00	0.04	1.57E 00	0.03
94	1.47E 00	-0.02	-0.04	1.38E 00	0.04	1.56E 00	0.03
93	1.45E 00	-0.02	-0.03	1.36E 00	0.05	1.54E 00	0.02
92	1.44E 00	-0.02	-0.02	1.35E 00	0.05	1.53E 00	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.3451E-01 RII(0)= 6.7822E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	-0.03	-0.01	1.33E 00	0.06	1.51E 00	0.01
90	1.41E 00	-0.03	-0.01	1.32E 00	0.06	1.50E 00	0.01
89	1.39E 00	-0.03	-0.00	1.30E 00	0.06	1.48E 00	0.00
88	1.37E 00	-0.03	0.00	1.28E 00	0.05	1.47E 00	-0.00
87	1.36E 00	-0.04	-0.00	1.27E 00	0.05	1.45E 00	-0.00
86	1.34E 00	-0.04	0.00	1.25E 00	0.04	1.43E 00	-0.00
85	1.33E 00	-0.04	0.01	1.24E 00	0.03	1.42E 00	-0.00
84	1.31E 00	-0.04	0.01	1.22E 00	0.02	1.40E 00	0.00
83	1.30E 00	-0.05	0.01	1.21E 00	0.01	1.39E 00	0.00
82	1.28E 00	-0.05	0.00	1.19E 00	-0.00	1.37E 00	0.00
81	1.27E 00	-0.05	-0.00	1.18E 00	-0.02	1.36E 00	0.01
80	1.25E 00	-0.04	-0.01	1.16E 00	-0.03	1.34E 00	0.01
79	1.23E 00	-0.04	-0.00	1.14E 00	-0.04	1.32E 00	0.00
78	1.22E 00	-0.04	-0.00	1.13E 00	-0.05	1.31E 00	0.00
77	1.20E 00	-0.03	-0.00	1.11E 00	-0.06	1.29E 00	-0.01
76	1.19E 00	-0.03	-0.00	1.10E 00	-0.07	1.28E 00	-0.01
75	1.17E 00	-0.02	0.00	1.08E 00	-0.08	1.26E 00	-0.01
74	1.16E 00	-0.01	0.01	1.07E 00	-0.08	1.25E 00	-0.02
73	1.14E 00	-0.01	0.01	1.05E 00	-0.09	1.23E 00	-0.02
72	1.12E 00	-0.00	0.02	1.03E 00	-0.09	1.22E 00	-0.02
71	1.11E 00	0.00	0.02	1.02E 00	-0.09	1.20E 00	-0.02
70	1.09E 00	0.01	0.02	1.00E 00	-0.09	1.18E 00	-0.02
69	1.08E 00	0.01	0.02	9.88E-01	-0.09	1.17E 00	-0.02
68	1.06E 00	0.02	0.02	9.72E-01	-0.09	1.15E 00	-0.02
67	1.05E 00	0.02	0.01	9.56E-01	-0.10	1.14E 00	-0.02
66	1.03E 00	0.03	0.01	9.41E-01	-0.10	1.12E 00	-0.02
65	1.02E 00	0.03	0.02	9.25E-01	-0.10	1.11E 00	-0.02
64	10.00E-01	0.04	0.02	9.09E-01	-0.11	1.09E 00	-0.02
63	9.84E-01	0.04	0.02	8.94E-01	-0.11	1.07E 00	-0.01
62	9.69E-01	0.05	0.01	8.78E-01	-0.11	1.06E 00	-0.01
61	9.53E-01	0.05	0.01	8.63E-01	-0.11	1.04E 00	-0.01
60	9.37E-01	0.05	-0.00	8.47E-01	-0.10	1.03E 00	-0.01
59	9.22E-01	0.06	-0.00	8.31E-01	-0.09	1.01E 00	-0.01
58	9.06E-01	0.06	-0.00	8.16E-01	-0.08	9.97E-01	-0.01
57	8.91E-01	0.05	-0.01	8.00E-01	-0.07	9.81E-01	-0.01
56	8.75E-01	0.05	-0.01	7.84E-01	-0.06	9.66E-01	-0.02
55	8.59E-01	0.05	-0.00	7.69E-01	-0.04	9.50E-01	-0.02
54	8.44E-01	0.04	0.00	7.53E-01	-0.02	9.34E-01	-0.03
53	8.28E-01	0.03	0.00	7.38E-01	0.01	9.19E-01	-0.03
52	8.12E-01	0.03	0.00	7.22E-01	0.03	9.03E-01	-0.04
51	7.97E-01	0.02	0.01	7.06E-01	0.05	8.87E-01	-0.04
50	7.81E-01	0.02	0.01	6.91E-01	0.08	8.72E-01	-0.04

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.3451E-01 RII(0)= 6.7822E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.01	0.01	6.75E-01	0.09	8.56E-01	-0.03
48	7.50E-01	0.01	0.02	6.59E-01	0.11	8.41E-01	-0.03
47	7.34E-01	0.00	0.03	6.44E-01	0.12	8.25E-01	-0.02
46	7.19E-01	-0.00	0.03	6.28E-01	0.13	8.09E-01	-0.02
45	7.03E-01	-0.00	0.03	6.13E-01	0.13	7.94E-01	-0.01
44	6.87E-01	-0.01	0.02	5.97E-01	0.13	7.78E-01	-0.01
43	6.72E-01	-0.01	0.01	5.81E-01	0.13	7.62E-01	0.00
42	6.56E-01	-0.02	0.00	5.66E-01	0.12	7.47E-01	0.01
41	6.41E-01	-0.02	-0.00	5.50E-01	0.11	7.31E-01	0.02
40	6.25E-01	-0.02	-0.01	5.34E-01	0.10	7.16E-01	0.03
39	6.09E-01	-0.03	-0.02	5.19E-01	0.09	7.00E-01	0.04
38	5.94E-01	-0.04	-0.03	5.03E-01	0.09	6.84E-01	0.05
37	5.78E-01	-0.04	-0.06	4.88E-01	0.07	6.69E-01	0.05
36	5.62E-01	-0.05	-0.07	4.72E-01	0.06	6.53E-01	0.06
35	5.47E-01	-0.05	-0.08	4.56E-01	0.05	6.37E-01	0.06
34	5.31E-01	-0.06	-0.09	4.41E-01	0.03	6.22E-01	0.06
33	5.16E-01	-0.07	-0.10	4.25E-01	0.02	6.06E-01	0.06
32	5.00E-01	-0.08	-0.11	4.09E-01	0.01	5.91E-01	0.06
31	4.84E-01	-0.08	-0.12	3.94E-01	0.00	5.75E-01	0.06
30	4.69E-01	-0.09	-0.12	3.78E-01	-0.01	5.59E-01	0.06
29	4.53E-01	-0.09	-0.12	3.63E-01	-0.01	5.44E-01	0.05
28	4.37E-01	-0.10	-0.13	3.47E-01	-0.02	5.28E-01	0.05
27	4.22E-01	-0.10	-0.12	3.31E-01	-0.02	5.12E-01	0.05
26	4.06E-01	-0.10	-0.11	3.16E-01	-0.02	4.97E-01	0.05
25	3.91E-01	-0.10	-0.09	3.00E-01	-0.02	4.81E-01	0.04
24	3.75E-01	-0.09	-0.08	2.84E-01	-0.02	4.66E-01	0.04
23	3.59E-01	-0.09	-0.07	2.69E-01	-0.02	4.50E-01	0.04
22	3.44E-01	-0.08	-0.06	2.53E-01	-0.02	4.34E-01	0.04
21	3.28E-01	-0.07	-0.05	2.38E-01	-0.02	4.19E-01	0.04
20	3.12E-01	-0.05	-0.05	2.22E-01	-0.02	4.03E-01	0.04
19	2.97E-01	-0.03	-0.04	2.06E-01	-0.02	3.87E-01	0.03
18	2.81E-01	-0.01	-0.04	1.91E-01	-0.02	3.72E-01	0.03
17	2.66E-01	0.02	-0.04	1.75E-01	-0.03	3.56E-01	0.02
16	2.50E-01	0.05	-0.04	1.59E-01	-0.03	3.41E-01	0.02
15	2.34E-01	0.09	-0.05	1.44E-01	-0.03	3.25E-01	0.01
14	2.19E-01	0.14	-0.06	1.28E-01	-0.03	3.09E-01	0.01
13	2.03E-01	0.18	-0.07	1.13E-01	-0.04	2.94E-01	0.00
12	1.87E-01	0.24	-0.06	9.69E-02	-0.04	2.78E-01	-0.00
11	1.72E-01	0.29	-0.06	8.13E-02	-0.03	2.62E-01	-0.01
10	1.56E-01	0.36	-0.03	6.56E-02	-0.03	2.47E-01	-0.01
9	1.41E-01	0.42	0.01	5.00E-02	-0.03	2.31E-01	-0.02
8	1.25E-01	0.50	0.05	3.44E-02	-0.02	2.16E-01	-0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.3451E-01 RII(0)= 6.7822E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.57	0.12	1.88E-02	-0.02	2.00E-01	-0.02
6	9.37E-02	0.65	0.20	3.15E-03	-0.02	1.84E-01	-0.03
5	7.81E-02	0.72	0.26	-1.25E-02	-0.01	1.69E-01	-0.03
4	6.25E-02	0.80	0.37	-2.81E-02	-0.01	1.53E-01	-0.02
3	4.69E-02	0.86	0.49	-4.37E-02	-0.01	1.37E-01	-0.02
2	3.12E-02	0.92	0.60	-5.93E-02	-0.01	1.22E-01	-0.02
1	1.56E-02	0.97	0.83	-7.50E-02	-0.02	1.06E-01	-0.02
0	0.	1.00	1.00	-9.06E-02	-0.02	9.06E-02	-0.02

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	4.56E-04	3.02E-05	0.08	-0.	0.08	360.00
182.86	9.7	0.30	9.79E-04	6.85E-05	0.04	-0.06	0.07	300.38
365.71	19.5	0.59	9.98E-04	8.66E-05	0.04	-0.05	0.06	311.27
548.57	29.2	0.89	9.55E-04	1.08E-04	0.05	-0.00	0.05	358.05
731.43	38.9	1.18	1.00E-03	1.40E-04	-0.17	0.05	0.18	162.83
914.29	48.6	1.48	1.09E-03	1.77E-04	-0.33	0.05	0.34	170.84
1097.14	58.4	1.78	1.12E-03	1.84E-04	-0.26	-0.05	0.27	191.22
1280.00	68.1	2.07	9.58E-04	1.67E-04	-0.07	-0.16	0.17	247.57
1462.86	77.8	2.37	7.16E-04	1.50E-04	0.19	-0.11	0.22	328.87
1645.71	87.6	2.67	5.58E-04	1.32E-04	0.33	0.05	0.33	8.56
1828.57	97.3	2.96	4.85E-04	1.07E-04	0.25	0.15	0.30	30.92
2011.43	107.0	3.26	4.24E-04	8.51E-05	0.06	0.12	0.14	62.14
2194.29	116.7	3.55	3.21E-04	8.15E-05	-0.11	0.07	0.13	147.25
2377.14	126.5	3.85	2.24E-04	8.52E-05	-0.18	0.07	0.19	159.42
2560.00	136.2	4.15	1.77E-04	9.37E-05	-0.20	0.02	0.20	174.39
2742.86	145.9	4.44	1.45E-04	1.06E-04	-0.09	-0.10	0.14	227.55
2925.71	155.6	4.74	1.16E-04	1.09E-04	0.16	-0.18	0.24	312.66
3108.57	165.4	5.04	1.08E-04	1.01E-04	0.27	-0.16	0.31	329.60
3291.43	175.1	5.33	1.02E-04	8.17E-05	0.10	-0.09	0.13	317.22
3474.29	184.8	5.63	8.41E-05	6.98E-05	-0.06	-0.02	0.06	194.43
3657.14	194.6	5.92	6.38E-05	6.91E-05	-0.04	-0.03	0.05	220.22
3840.00	204.3	6.22	4.92E-05	6.07E-05	0.02	-0.14	0.14	277.81
4022.86	214.0	6.52	3.79E-05	4.80E-05	0.02	-0.16	0.16	278.86
4205.71	223.7	6.81	4.12E-05	4.41E-05	0.06	-0.04	0.07	329.95
4388.57	233.5	7.11	4.85E-05	4.24E-05	0.13	0.02	0.13	9.87
4571.43	243.2	7.41	3.72E-05	3.37E-05	0.10	0.03	0.10	17.72
4754.29	252.9	7.70	2.61E-05	2.84E-05	0.05	0.07	0.09	57.69
4937.14	262.7	8.00	2.53E-05	2.98E-05	0.08	0.09	0.12	49.48
5120.00	272.4	8.29	2.40E-05	2.82E-05	0.06	0.03	0.07	23.62
5302.86	282.1	8.59	2.28E-05	2.45E-05	-0.02	-0.06	0.06	248.33
5485.71	291.8	8.89	2.13E-05	2.39E-05	-0.12	-0.06	0.13	206.40
5668.57	301.6	9.18	1.81E-05	2.30E-05	-0.08	-0.01	0.08	185.59
5851.43	311.3	9.48	1.54E-05	2.10E-05	0.03	0.01	0.03	15.00
6034.29	321.0	9.78	1.44E-05	2.05E-05	0.10	-0.00	0.10	359.36
6217.14	330.8	10.07	1.36E-05	2.12E-05	0.06	-0.01	0.06	346.28
6400.00	340.5	10.37	1.17E-05	1.90E-05	-0.02	0.04	0.04	115.85
6582.86	350.2	10.66	1.04E-05	1.58E-05	-0.07	0.11	0.13	121.80
6765.71	359.9	10.96	9.44E-06	1.74E-05	-0.07	0.05	0.08	145.48
6948.57	369.7	11.26	8.73E-06	1.92E-05	-0.00	-0.02	0.02	266.11
7131.43	379.4	11.55	8.80E-06	1.75E-05	0.05	0.03	0.06	32.40
7314.29	389.1	11.85	8.69E-06	1.57E-05	0.03	-0.01	0.03	345.03
7497.14	398.8	12.15	8.06E-06	1.54E-05	-0.05	-0.14	0.15	251.66

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	408.6	12.44	6.97E-06	1.60E-05	-0.06	-0.13	0.14	243.16
7862.86	418.3	12.74	6.35E-06	1.71E-05	-0.05	-0.04	0.06	220.32
8045.71	428.0	13.03	6.60E-06	1.89E-05	0.08	-0.01	0.08	351.47
8228.57	437.8	13.33	6.40E-06	1.85E-05	0.15	0.00	0.15	0.14
8411.43	447.5	13.63	5.88E-06	1.60E-05	0.06	0.06	0.09	45.96
8594.29	457.2	13.92	5.55E-06	1.38E-05	0.04	0.05	0.06	47.83
8777.14	466.9	14.22	4.81E-06	1.16E-05	0.00	-0.02	0.02	276.55
8960.00	476.7	14.52	4.79E-06	1.14E-05	-0.06	0.06	0.09	133.76
9142.86	486.4	14.81	5.55E-06	1.17E-05	-0.00	0.11	0.11	90.88
9325.71	496.1	15.11	5.51E-06	1.05E-05	0.01	-0.03	0.03	283.44
9508.57	505.9	15.40	5.00E-06	1.02E-05	-0.03	-0.18	0.18	259.07
9691.43	515.6	15.70	4.46E-06	1.18E-05	0.01	-0.17	0.17	272.10
9874.29	525.3	16.00	3.90E-06	1.32E-05	0.01	-0.11	0.11	274.71
0057.14	535.0	16.29	3.67E-06	1.16E-05	-0.03	-0.04	0.06	231.29
0240.00	544.8	16.59	3.79E-06	9.19E-06	-0.03	0.03	0.04	135.28
0422.86	554.5	16.89	4.11E-06	8.77E-06	-0.00	-0.01	0.01	257.06
0605.71	564.2	17.18	4.06E-06	8.95E-06	-0.09	-0.08	0.12	224.08
0788.57	574.0	17.48	3.71E-06	9.34E-06	-0.20	-0.07	0.21	199.34
0971.43	583.7	17.77	3.65E-06	9.69E-06	-0.18	-0.09	0.20	205.39
1154.29	593.4	18.07	3.45E-06	9.64E-06	-0.11	-0.08	0.14	213.53
1337.14	603.1	18.37	2.93E-06	9.65E-06	-0.04	0.04	0.06	138.04
1520.00	612.9	18.66	2.53E-06	8.77E-06	-0.04	-0.00	0.04	186.50
1702.86	622.6	18.96	2.65E-06	8.09E-06	-0.05	-0.09	0.10	238.70
1885.71	632.3	19.25	3.04E-06	8.46E-06	0.02	0.04	0.05	63.49
2068.57	642.0	19.55	3.19E-06	7.89E-06	0.11	0.06	0.13	28.43
2251.43	651.8	19.85	3.07E-06	7.32E-06	0.12	-0.09	0.15	324.79
2434.29	661.5	20.14	2.84E-06	7.51E-06	0.07	-0.11	0.12	302.50
2617.14	671.2	20.44	2.73E-06	7.01E-06	0.01	-0.03	0.03	285.65
2800.00	681.0	20.74	2.96E-06	7.26E-06	0.01	-0.05	0.05	280.84
2982.86	690.7	21.03	3.14E-06	8.38E-06	0.04	-0.10	0.11	293.85
3165.71	700.4	21.33	2.88E-06	7.89E-06	0.04	-0.01	0.04	343.72
3348.57	710.1	21.62	2.69E-06	6.45E-06	0.05	0.10	0.11	62.29
3531.43	719.9	21.92	2.38E-06	5.47E-06	-0.00	-0.03	0.03	268.35
3714.29	729.6	22.22	2.05E-06	5.43E-06	-0.13	-0.16	0.21	229.44
3897.14	739.3	22.51	2.35E-06	5.47E-06	-0.12	-0.12	0.17	226.11
4080.00	749.1	22.81	2.70E-06	5.24E-06	0.01	-0.11	0.11	273.65
4262.86	758.8	23.11	2.59E-06	5.54E-06	0.07	-0.11	0.13	300.44
4445.71	768.5	23.40	2.31E-06	5.43E-06	0.03	-0.10	0.11	287.42
4628.57	778.2	23.70	2.14E-06	5.15E-06	0.01	-0.09	0.09	274.87
4811.43	788.0	23.99	1.95E-06	5.44E-06	0.04	-0.03	0.05	317.80
4994.29	797.7	24.29	1.68E-06	5.84E-06	0.08	-0.03	0.08	340.02
5177.14	807.4	24.59	1.68E-06	5.88E-06	0.05	-0.07	0.09	304.34

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=0.90 RUN NO.= 97 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL= 9.16 PROTOTYPE= 1.92 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
5360.00	817.2	24.88	1.71E-06	5.85E-06	-0.05	-0.07	0.08	235.04
5542.86	826.9	25.18	1.63E-06	5.66E-06	-0.14	0.01	0.14	177.50
5725.71	836.6	25.48	1.78E-06	4.91E-06	-0.15	0.07	0.16	153.66
5908.57	846.3	25.77	1.78E-06	4.58E-06	-0.14	-0.01	0.14	184.15
6091.43	856.1	26.07	1.50E-06	4.61E-06	-0.16	-0.10	0.19	212.65
6274.29	865.8	26.36	1.40E-06	4.50E-06	-0.12	-0.03	0.12	192.63
6457.14	875.5	26.66	1.66E-06	4.89E-06	0.00	-0.00	0.00	300.08
6640.00	885.2	26.96	1.78E-06	5.13E-06	0.07	-0.05	0.09	322.58
6822.86	895.0	27.25	1.55E-06	4.74E-06	0.09	-0.07	0.12	321.26
7005.71	904.7	27.55	1.36E-06	4.76E-06	0.09	-0.02	0.10	350.59
7188.57	914.4	27.85	1.34E-06	4.90E-06	0.07	0.08	0.11	46.74
7371.43	924.2	28.14	1.37E-06	4.70E-06	0.02	0.06	0.06	74.09
7554.29	933.9	28.44	1.39E-06	4.60E-06	-0.02	-0.00	0.02	191.15
7737.14	943.6	28.73	1.51E-06	4.76E-06	0.03	-0.03	0.04	315.33
7920.00	953.3	29.03	1.53E-06	4.90E-06	-0.01	0.04	0.04	107.76
8102.86	963.1	29.33	1.23E-06	4.61E-06	-0.12	0.10	0.16	138.15
8285.71	972.8	29.62	9.51E-07	3.99E-06	-0.15	0.02	0.15	171.61
8468.57	982.5	29.92	9.81E-07	3.52E-06	-0.10	-0.00	0.10	180.55
8651.43	992.3	30.22	1.08E-06	4.16E-06	-0.07	0.03	0.08	156.22
8834.29	1002.0	30.51	1.12E-06	5.04E-06	-0.05	0.04	0.07	145.98
9017.14	1011.7	30.81	1.19E-06	4.71E-06	-0.02	0.03	0.04	129.97
9200.00	1021.4	31.10	1.24E-06	4.30E-06	-0.00	-0.01	0.01	268.68
9382.86	1031.2	31.40	1.26E-06	4.56E-06	-0.03	-0.08	0.08	245.70
9565.71	1040.9	31.70	1.21E-06	4.94E-06	-0.05	-0.07	0.09	231.56
9748.57	1050.6	31.99	1.10E-06	5.27E-06	-0.02	-0.06	0.06	249.50
9931.43	1060.4	32.29	1.08E-06	5.36E-06	0.00	-0.08	0.08	271.05

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.1311E-01 RII(0)= 9.7795E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.01	0.01	2.71E 00	-0.01	2.76E 00	0.05
174	2.72E 00	-0.02	0.00	2.69E 00	-0.01	2.74E 00	0.04
173	2.70E 00	-0.02	-0.00	2.68E 00	-0.00	2.73E 00	0.04
172	2.69E 00	-0.03	-0.01	2.66E 00	-0.00	2.71E 00	0.04
171	2.67E 00	-0.03	-0.02	2.65E 00	0.00	2.70E 00	0.03
170	2.66E 00	-0.04	-0.02	2.63E 00	0.00	2.68E 00	0.02
169	2.64E 00	-0.04	-0.01	2.62E 00	0.01	2.67E 00	0.02
168	2.62E 00	-0.04	0.00	2.60E 00	0.01	2.65E 00	0.02
167	2.61E 00	-0.04	0.00	2.58E 00	0.01	2.63E 00	0.02
166	2.59E 00	-0.04	-0.00	2.57E 00	0.01	2.62E 00	0.02
165	2.58E 00	-0.04	0.00	2.55E 00	0.01	2.60E 00	0.02
164	2.56E 00	-0.04	0.00	2.54E 00	0.01	2.59E 00	0.02
163	2.55E 00	-0.04	0.00	2.52E 00	0.01	2.57E 00	0.02
162	2.53E 00	-0.05	0.00	2.51E 00	0.01	2.56E 00	0.02
161	2.52E 00	-0.05	0.01	2.49E 00	0.01	2.54E 00	0.01
160	2.50E 00	-0.05	-0.00	2.47E 00	0.01	2.53E 00	0.01
159	2.48E 00	-0.05	-0.02	2.46E 00	0.01	2.51E 00	-0.00
158	2.47E 00	-0.05	-0.02	2.44E 00	0.01	2.49E 00	-0.00
157	2.45E 00	-0.05	-0.02	2.43E 00	0.01	2.48E 00	-0.00
156	2.44E 00	-0.05	-0.02	2.41E 00	0.01	2.46E 00	-0.00
155	2.42E 00	-0.05	-0.01	2.40E 00	0.01	2.45E 00	-0.01
154	2.41E 00	-0.05	-0.01	2.38E 00	0.01	2.43E 00	-0.01
153	2.39E 00	-0.05	-0.01	2.37E 00	0.01	2.42E 00	-0.01
152	2.37E 00	-0.05	-0.02	2.35E 00	0.02	2.40E 00	-0.01
151	2.36E 00	-0.04	-0.02	2.33E 00	0.02	2.38E 00	-0.01
150	2.34E 00	-0.04	-0.02	2.32E 00	0.02	2.37E 00	-0.01
149	2.33E 00	-0.04	-0.02	2.30E 00	0.02	2.35E 00	-0.01
148	2.31E 00	-0.03	-0.02	2.29E 00	0.02	2.34E 00	-0.01
147	2.30E 00	-0.02	-0.01	2.27E 00	0.02	2.32E 00	-0.01
146	2.28E 00	-0.02	-0.01	2.26E 00	0.02	2.31E 00	-0.01
145	2.27E 00	-0.01	-0.01	2.24E 00	0.02	2.29E 00	-0.01
144	2.25E 00	-0.01	-0.01	2.22E 00	0.02	2.28E 00	-0.01
143	2.23E 00	-0.00	-0.01	2.21E 00	0.02	2.26E 00	-0.01
142	2.22E 00	0.00	-0.00	2.19E 00	0.01	2.24E 00	-0.02
141	2.20E 00	0.01	-0.00	2.18E 00	0.00	2.23E 00	-0.02
140	2.19E 00	0.01	-0.00	2.16E 00	0.00	2.21E 00	-0.03
139	2.17E 00	0.02	-0.00	2.15E 00	-0.00	2.20E 00	-0.03
138	2.16E 00	0.02	-0.01	2.13E 00	-0.00	2.18E 00	-0.03
137	2.14E 00	0.02	-0.01	2.12E 00	-0.01	2.17E 00	-0.03
136	2.12E 00	0.03	-0.02	2.10E 00	-0.01	2.15E 00	-0.04
135	2.11E 00	0.03	-0.01	2.08E 00	-0.01	2.13E 00	-0.03
134	2.09E 00	0.03	-0.01	2.07E 00	-0.01	2.12E 00	-0.03

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.1311E-01 RII(0)= 9.7795E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.04	-0.02	2.05E 00	-0.01	2.10E 00	-0.03
132	2.06E 00	0.04	-0.02	2.04E 00	-0.01	2.09E 00	-0.03
131	2.05E 00	0.04	-0.01	2.02E 00	-0.01	2.07E 00	-0.02
130	2.03E 00	0.04	-0.01	2.01E 00	-0.01	2.06E 00	-0.02
129	2.02E 00	0.04	-0.02	1.99E 00	-0.01	2.04E 00	-0.02
128	2.00E 00	0.04	-0.02	1.97E 00	-0.00	2.03E 00	-0.01
127	1.98E 00	0.04	-0.02	1.96E 00	-0.00	2.01E 00	-0.01
126	1.97E 00	0.03	-0.01	1.94E 00	0.00	1.99E 00	-0.01
125	1.95E 00	0.03	-0.01	1.93E 00	0.00	1.98E 00	-0.01
124	1.94E 00	0.02	-0.00	1.91E 00	0.00	1.96E 00	-0.01
123	1.92E 00	0.02	0.00	1.90E 00	0.01	1.95E 00	-0.02
122	1.91E 00	0.01	0.01	1.88E 00	0.01	1.93E 00	-0.02
121	1.89E 00	0.01	0.02	1.87E 00	0.01	1.92E 00	-0.02
120	1.87E 00	0.00	0.02	1.85E 00	0.02	1.90E 00	-0.02
119	1.86E 00	-0.00	0.02	1.83E 00	0.02	1.88E 00	-0.02
118	1.84E 00	-0.00	0.01	1.82E 00	0.02	1.87E 00	-0.01
117	1.83E 00	-0.01	0.01	1.80E 00	0.02	1.85E 00	-0.01
116	1.81E 00	-0.01	0.01	1.79E 00	0.03	1.84E 00	-0.01
115	1.80E 00	-0.01	-0.00	1.77E 00	0.03	1.82E 00	-0.00
114	1.78E 00	-0.01	-0.02	1.76E 00	0.03	1.81E 00	0.00
113	1.77E 00	-0.01	-0.03	1.74E 00	0.03	1.79E 00	0.00
112	1.75E 00	-0.01	-0.03	1.72E 00	0.02	1.78E 00	0.00
111	1.73E 00	-0.01	-0.03	1.71E 00	0.02	1.76E 00	0.01
110	1.72E 00	-0.00	-0.03	1.69E 00	0.02	1.74E 00	0.02
109	1.70E 00	0.00	-0.02	1.68E 00	0.01	1.73E 00	0.02
108	1.69E 00	0.01	-0.01	1.66E 00	0.01	1.71E 00	0.02
107	1.67E 00	0.01	-0.01	1.65E 00	0.01	1.70E 00	0.02
106	1.66E 00	0.02	-0.02	1.63E 00	0.01	1.68E 00	0.03
105	1.64E 00	0.03	-0.02	1.62E 00	0.01	1.67E 00	0.02
104	1.62E 00	0.03	-0.02	1.60E 00	0.00	1.65E 00	0.02
103	1.61E 00	0.04	-0.02	1.58E 00	0.00	1.63E 00	0.01
102	1.59E 00	0.05	-0.02	1.57E 00	0.00	1.62E 00	0.00
101	1.58E 00	0.05	-0.01	1.55E 00	0.00	1.60E 00	-0.01
100	1.56E 00	0.05	-0.01	1.54E 00	0.00	1.59E 00	-0.01
99	1.55E 00	0.06	-0.02	1.52E 00	0.00	1.57E 00	-0.02
98	1.53E 00	0.06	-0.02	1.51E 00	0.01	1.56E 00	-0.02
97	1.52E 00	0.06	-0.02	1.49E 00	0.01	1.54E 00	-0.03
96	1.50E 00	0.06	-0.00	1.47E 00	0.01	1.53E 00	-0.03
95	1.48E 00	0.05	0.00	1.46E 00	0.01	1.51E 00	-0.03
94	1.47E 00	0.05	0.00	1.44E 00	0.00	1.49E 00	-0.03
93	1.45E 00	0.05	0.01	1.43E 00	0.00	1.48E 00	-0.03
92	1.44E 00	0.05	0.00	1.41E 00	0.00	1.46E 00	-0.03

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.1311E-01 RII(0)= 9.7795E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.04	-0.00	1.40E 00	0.00	1.45E 00	-0.03
90	1.41E 00	0.04	-0.00	1.38E 00	0.00	1.43E 00	-0.03
89	1.39E 00	0.04	-0.01	1.37E 00	0.00	1.42E 00	-0.03
88	1.37E 00	0.04	-0.01	1.35E 00	-0.00	1.40E 00	-0.03
87	1.36E 00	0.03	-0.00	1.33E 00	-0.00	1.38E 00	-0.03
86	1.34E 00	0.03	0.00	1.32E 00	-0.00	1.37E 00	-0.03
85	1.33E 00	0.02	0.00	1.30E 00	-0.00	1.35E 00	-0.03
84	1.31E 00	0.02	-0.00	1.29E 00	-0.00	1.34E 00	-0.03
83	1.30E 00	0.01	-0.00	1.27E 00	0.00	1.32E 00	-0.03
82	1.28E 00	0.01	0.00	1.26E 00	0.00	1.31E 00	-0.03
81	1.27E 00	0.00	0.01	1.24E 00	0.00	1.29E 00	-0.03
80	1.25E 00	-0.00	0.01	1.22E 00	0.01	1.28E 00	-0.02
79	1.23E 00	-0.01	0.00	1.21E 00	0.01	1.26E 00	-0.02
78	1.22E 00	-0.01	0.01	1.19E 00	0.02	1.24E 00	-0.01
77	1.20E 00	-0.02	0.01	1.18E 00	0.03	1.23E 00	-0.01
76	1.19E 00	-0.02	0.00	1.16E 00	0.03	1.21E 00	-0.02
75	1.17E 00	-0.02	0.00	1.15E 00	0.04	1.20E 00	-0.02
74	1.16E 00	-0.03	-0.00	1.13E 00	0.04	1.18E 00	-0.01
73	1.14E 00	-0.03	0.00	1.12E 00	0.04	1.17E 00	-0.01
72	1.12E 00	-0.03	0.02	1.10E 00	0.04	1.15E 00	-0.01
71	1.11E 00	-0.03	0.03	1.08E 00	0.05	1.13E 00	-0.00
70	1.09E 00	-0.03	0.02	1.07E 00	0.05	1.12E 00	-0.00
69	1.08E 00	-0.03	0.02	1.05E 00	0.04	1.10E 00	-0.00
68	1.06E 00	-0.03	0.01	1.04E 00	0.04	1.09E 00	0.00
67	1.05E 00	-0.03	-0.00	1.02E 00	0.04	1.07E 00	0.00
66	1.03E 00	-0.02	-0.01	1.01E 00	0.03	1.06E 00	0.00
65	1.02E 00	-0.02	-0.02	9.90E-01	0.03	1.04E 00	0.00
64	10.00E-01	-0.02	-0.02	9.75E-01	0.02	1.03E 00	0.00
63	9.84E-01	-0.02	-0.01	9.59E-01	0.02	1.01E 00	0.00
62	9.69E-01	-0.01	-0.00	9.43E-01	0.01	9.94E-01	-0.00
61	9.53E-01	-0.00	-0.01	9.28E-01	0.01	9.79E-01	-0.00
60	9.37E-01	0.00	-0.02	9.12E-01	0.01	9.63E-01	0.00
59	9.22E-01	0.01	-0.03	8.96E-01	0.00	9.47E-01	0.00
58	9.06E-01	0.02	-0.03	8.81E-01	-0.00	9.32E-01	0.00
57	8.91E-01	0.02	-0.03	8.65E-01	-0.00	9.16E-01	0.01
56	8.75E-01	0.03	-0.02	8.50E-01	-0.00	9.00E-01	0.01
55	8.59E-01	0.03	-0.02	8.34E-01	-0.00	8.85E-01	0.01
54	8.44E-01	0.04	-0.02	8.18E-01	0.00	8.69E-01	0.01
53	8.28E-01	0.04	-0.01	8.03E-01	0.00	8.54E-01	0.01
52	8.12E-01	0.04	-0.01	7.87E-01	0.00	8.38E-01	0.01
51	7.97E-01	0.05	-0.01	7.71E-01	0.00	8.22E-01	0.01
50	7.81E-01	0.05	-0.01	7.56E-01	-0.00	8.07E-01	0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.1311E-01 RII(0)= 9.7795E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.05	-0.00	7.40E-01	-0.01	7.91E-01	0.01
48	7.50E-01	0.05	-0.00	7.25E-01	-0.01	7.75E-01	0.00
47	7.34E-01	0.05	-0.00	7.09E-01	-0.02	7.60E-01	0.00
46	7.19E-01	0.05	-0.00	6.93E-01	-0.02	7.44E-01	-0.00
45	7.03E-01	0.05	-0.00	6.78E-01	-0.02	7.29E-01	-0.00
44	6.87E-01	0.04	-0.01	6.62E-01	-0.02	7.13E-01	-0.00
43	6.72E-01	0.04	-0.02	6.46E-01	-0.02	6.97E-01	-0.01
42	6.56E-01	0.03	-0.02	6.31E-01	-0.02	6.82E-01	-0.01
41	6.41E-01	0.02	-0.02	6.15E-01	-0.02	6.66E-01	-0.01
40	6.25E-01	0.00	-0.02	6.00E-01	-0.01	6.50E-01	-0.01
39	6.09E-01	-0.01	-0.02	5.84E-01	-0.01	6.35E-01	-0.01
38	5.94E-01	-0.02	-0.03	5.68E-01	0.00	6.19E-01	-0.01
37	5.78E-01	-0.04	-0.03	5.53E-01	0.00	6.04E-01	-0.01
36	5.62E-01	-0.05	-0.02	5.37E-01	0.01	5.88E-01	-0.01
35	5.47E-01	-0.07	-0.01	5.21E-01	0.01	5.72E-01	-0.01
34	5.31E-01	-0.09	-0.01	5.06E-01	0.02	5.57E-01	-0.01
33	5.16E-01	-0.10	-0.02	4.90E-01	0.02	5.41E-01	-0.01
32	5.00E-01	-0.11	-0.02	4.75E-01	0.02	5.25E-01	-0.01
31	4.84E-01	-0.13	-0.00	4.59E-01	0.03	5.10E-01	-0.01
30	4.69E-01	-0.14	0.01	4.43E-01	0.04	4.94E-01	-0.01
29	4.53E-01	-0.15	0.03	4.28E-01	0.05	4.79E-01	-0.01
28	4.37E-01	-0.15	0.04	4.12E-01	0.06	4.63E-01	-0.01
27	4.22E-01	-0.16	0.04	3.96E-01	0.07	4.47E-01	-0.01
26	4.06E-01	-0.17	0.05	3.81E-01	0.08	4.32E-01	-0.01
25	3.91E-01	-0.17	0.06	3.65E-01	0.09	4.16E-01	-0.01
24	3.75E-01	-0.17	0.08	3.50E-01	0.10	4.00E-01	-0.01
23	3.59E-01	-0.17	0.10	3.34E-01	0.12	3.85E-01	-0.01
22	3.44E-01	-0.16	0.10	3.18E-01	0.13	3.69E-01	-0.01
21	3.28E-01	-0.15	0.09	3.03E-01	0.14	3.54E-01	-0.01
20	3.12E-01	-0.14	0.09	2.87E-01	0.15	3.38E-01	-0.00
19	2.97E-01	-0.12	0.09	2.71E-01	0.16	3.22E-01	-0.00
18	2.81E-01	-0.10	0.09	2.56E-01	0.16	3.07E-01	0.00
17	2.66E-01	-0.08	0.09	2.40E-01	0.15	2.91E-01	0.01
16	2.50E-01	-0.05	0.10	2.25E-01	0.14	2.75E-01	0.01
15	2.34E-01	-0.01	0.10	2.09E-01	0.12	2.60E-01	0.01
14	2.19E-01	0.03	0.10	1.93E-01	0.10	2.44E-01	0.02
13	2.03E-01	0.07	0.10	1.78E-01	0.08	2.29E-01	0.02
12	1.87E-01	0.13	0.10	1.62E-01	0.05	2.13E-01	0.03
11	1.72E-01	0.19	0.11	1.46E-01	0.03	1.97E-01	0.04
10	1.56E-01	0.25	0.13	1.31E-01	-0.00	1.82E-01	0.04
9	1.41E-01	0.33	0.15	1.15E-01	-0.02	1.66E-01	0.05
8	1.25E-01	0.41	0.18	9.96E-02	-0.04	1.50E-01	0.06

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=11
$\alpha = \beta = 0°$ RJJ(0)= 2.1311E-01 RII(0)= 9.7795E-02

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.50	0.22	8.40E-02	-0.05	1.35E-01	0.06
6	9.37E-02	0.59	0.26	6.83E-02	-0.06	1.19E-01	0.06
5	7.81E-02	0.67	0.28	5.27E-02	-0.06	1.04E-01	0.05
4	6.25E-02	0.76	0.33	3.71E-02	-0.06	8.79E-02	0.05
3	4.69E-02	0.84	0.36	2.15E-02	-0.06	7.23E-02	0.04
2	3.12E-02	0.91	0.43	5.85E-03	-0.05	5.66E-02	0.03
1	1.56E-02	0.97	0.75	-9.77E-03	-0.02	4.10E-02	0.02
0	0.	1.00	1.00	-2.54E-02	-0.00	2.54E-02	-0.00

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	2.91E-04	1.15E-04	0.21	-0.	0.21	360.00
182.86	9.8	0.27	5.46E-04	2.40E-04	0.20	0.14	0.24	33.81
365.71	19.5	0.54	5.61E-04	2.38E-04	0.16	0.11	0.19	35.57
548.57	29.3	0.82	6.85E-04	2.20E-04	0.09	0.09	0.13	44.02
731.43	39.1	1.09	7.51E-04	2.02E-04	0.05	0.12	0.13	66.98
914.29	48.8	1.36	7.87E-04	1.70E-04	0.03	0.17	0.17	80.88
1097.14	58.6	1.63	8.60E-04	1.28E-04	-0.01	0.16	0.16	94.88
1280.00	68.4	1.91	9.11E-04	9.64E-05	-0.18	0.06	0.19	161.51
1462.86	78.1	2.18	8.11E-04	8.98E-05	-0.33	-0.04	0.33	186.45
1645.71	87.9	2.45	5.66E-04	8.55E-05	-0.30	-0.13	0.33	203.78
1828.57	97.6	2.72	4.15E-04	7.46E-05	-0.28	-0.23	0.36	219.34
2011.43	107.4	3.00	3.41E-04	7.35E-05	-0.34	-0.27	0.43	218.49
2194.29	117.2	3.27	2.59E-04	7.75E-05	-0.32	-0.29	0.43	222.27
2377.14	126.9	3.54	2.22E-04	8.17E-05	-0.25	-0.37	0.44	236.25
2560.00	136.7	3.81	2.03E-04	9.59E-05	-0.18	-0.41	0.45	246.54
2742.86	146.5	4.09	1.69E-04	9.97E-05	-0.12	-0.33	0.35	250.71
2925.71	156.2	4.36	1.44E-04	8.28E-05	-0.09	-0.28	0.30	251.71
3108.57	166.0	4.63	1.26E-04	7.12E-05	-0.14	-0.34	0.37	247.31
3291.43	175.8	4.90	1.02E-04	6.18E-05	-0.11	-0.34	0.35	252.08
3474.29	185.5	5.18	8.12E-05	5.34E-05	0.11	-0.33	0.35	288.45
3657.14	195.3	5.45	6.76E-05	5.22E-05	0.19	-0.34	0.39	299.05
3840.00	205.1	5.72	5.83E-05	4.69E-05	0.15	-0.25	0.29	300.82
4022.86	214.8	5.99	4.90E-05	4.13E-05	0.14	-0.14	0.20	315.30
4205.71	224.6	6.27	4.22E-05	4.17E-05	0.04	-0.10	0.10	294.02
4388.57	234.3	6.54	4.17E-05	3.84E-05	-0.06	-0.10	0.11	240.41
4571.43	244.1	6.81	3.56E-05	3.53E-05	-0.08	-0.06	0.10	214.44
4754.29	253.9	7.08	2.64E-05	3.79E-05	-0.03	-0.04	0.06	233.69
4937.14	263.6	7.36	2.23E-05	3.53E-05	0.00	-0.13	0.13	270.11
5120.00	273.4	7.63	1.83E-05	3.22E-05	-0.03	-0.05	0.06	238.33
5302.86	283.2	7.90	1.61E-05	3.83E-05	0.01	0.13	0.13	87.69
5485.71	292.9	8.17	1.62E-05	3.92E-05	0.04	0.11	0.12	70.05
5668.57	302.7	8.45	1.46E-05	3.03E-05	-0.03	0.01	0.03	151.60
5851.43	312.5	8.72	1.23E-05	2.64E-05	-0.12	-0.05	0.13	201.97
6034.29	322.2	8.99	1.06E-05	2.78E-05	-0.15	-0.06	0.16	200.98
6217.14	332.0	9.26	1.03E-05	2.97E-05	-0.13	0.03	0.13	165.69
6400.00	341.8	9.54	1.07E-05	2.95E-05	-0.05	0.03	0.06	146.35
6582.86	351.5	9.81	1.06E-05	2.70E-05	0.01	-0.11	0.11	276.88
6765.71	361.3	10.08	1.02E-05	2.54E-05	-0.05	-0.09	0.10	239.66
6948.57	371.1	10.35	8.94E-06	2.65E-05	-0.08	-0.02	0.08	193.09
7131.43	380.8	10.63	7.94E-06	2.92E-05	-0.01	-0.13	0.13	264.46
7314.29	390.6	10.90	7.56E-06	3.07E-05	-0.00	-0.23	0.23	269.54
7497.14	400.3	11.17	6.94E-06	2.84E-05	-0.06	-0.18	0.20	250.85

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	410.1	11.44	6.07E-06	2.37E-05	-0.11	-0.03	0.11	197.08
7862.86	419.9	11.72	5.32E-06	2.28E-05	-0.07	0.03	0.07	152.53
8045.71	429.6	11.99	5.15E-06	2.85E-05	-0.11	-0.01	0.11	183.13
8228.57	439.4	12.26	5.30E-06	3.45E-05	-0.24	-0.03	0.24	187.26
8411.43	449.2	12.53	5.20E-06	3.12E-05	-0.23	-0.04	0.24	190.87
8594.29	458.9	12.81	5.03E-06	2.61E-05	-0.09	-0.04	0.10	203.04
8777.14	468.7	13.08	4.98E-06	2.80E-05	-0.06	-0.06	0.08	225.36
8960.00	478.5	13.35	4.77E-06	3.02E-05	-0.13	-0.08	0.15	211.94
9142.86	488.2	13.62	4.05E-06	2.95E-05	-0.23	-0.06	0.24	194.52
9325.71	498.0	13.90	3.58E-06	2.85E-05	-0.22	0.04	0.22	170.58
9508.57	507.8	14.17	3.80E-06	2.67E-05	-0.14	0.08	0.16	149.03
9691.43	517.5	14.44	3.83E-06	2.25E-05	-0.17	0.00	0.17	179.47
9874.29	527.3	14.71	3.89E-06	2.02E-05	-0.19	-0.06	0.20	198.02
0057.14	537.1	14.99	4.28E-06	2.11E-05	-0.09	-0.04	0.10	206.18
0240.00	546.8	15.26	4.33E-06	2.12E-05	0.03	-0.02	0.04	327.36
0422.86	556.6	15.53	4.22E-06	2.17E-05	0.00	-0.05	0.05	271.94
0605.71	566.3	15.80	3.87E-06	2.31E-05	-0.12	-0.07	0.14	210.77
0788.57	576.1	16.07	3.24E-06	2.37E-05	-0.12	0.01	0.12	175.13
0971.43	585.9	16.35	3.02E-06	2.44E-05	-0.06	0.04	0.07	144.78
1154.29	595.6	16.62	3.08E-06	2.52E-05	-0.05	0.04	0.06	146.10
1337.14	605.4	16.89	3.34E-06	2.41E-05	-0.05	0.04	0.07	140.76
1520.00	615.2	17.16	3.90E-06	2.16E-05	-0.08	-0.04	0.09	206.14
1702.86	624.9	17.44	4.12E-06	1.92E-05	-0.10	-0.15	0.18	236.17
1885.71	634.7	17.71	3.53E-06	1.71E-05	-0.09	-0.16	0.18	239.84
2068.57	644.5	17.98	2.85E-06	1.56E-05	-0.00	-0.04	0.04	267.07
2251.43	654.2	18.25	2.92E-06	1.58E-05	0.11	0.04	0.11	18.52
2434.29	664.0	18.53	3.11E-06	1.71E-05	0.00	0.03	0.03	88.41
2617.14	673.8	18.80	2.76E-06	1.92E-05	-0.09	-0.03	0.09	198.17
2800.00	683.5	19.07	2.55E-06	1.91E-05	-0.03	-0.10	0.10	251.33
2982.86	693.3	19.34	2.40E-06	1.63E-05	-0.05	-0.06	0.08	229.88
3165.71	703.0	19.62	2.05E-06	1.70E-05	-0.09	0.07	0.11	144.24
3348.57	712.8	19.89	2.10E-06	1.89E-05	-0.03	0.10	0.11	108.85
3531.43	722.6	20.16	2.16E-06	1.72E-05	-0.01	0.10	0.10	96.04
3714.29	732.3	20.43	2.03E-06	1.48E-05	0.04	0.04	0.06	47.12
3897.14	742.1	20.71	1.85E-06	1.43E-05	0.06	-0.05	0.08	316.38
4080.00	751.9	20.98	1.60E-06	1.58E-05	-0.01	0.02	0.02	117.75
4262.86	761.6	21.25	1.61E-06	1.72E-05	-0.02	0.03	0.04	124.14
4445.71	771.4	21.52	1.69E-06	1.60E-05	-0.06	-0.04	0.07	215.22
4628.57	781.2	21.80	1.63E-06	1.50E-05	-0.16	-0.05	0.17	197.44
4811.43	790.9	22.07	1.70E-06	1.43E-05	-0.14	-0.07	0.16	206.37
4994.29	800.7	22.34	1.78E-06	1.22E-05	-0.13	-0.08	0.15	210.77
5177.14	810.5	22.61	1.66E-06	1.15E-05	-0.20	-0.03	0.20	187.81

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=11
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
5360.00	820.2	22.89	1.61E-06	1.19E-05	-0.16	-0.00	0.16	181.42
5542.86	830.0	23.16	1.62E-06	1.15E-05	-0.06	-0.04	0.07	213.70
5725.71	839.8	23.43	1.56E-06	1.20E-05	-0.03	-0.04	0.05	237.12
5908.57	849.5	23.70	1.63E-06	1.34E-05	-0.03	-0.06	0.07	242.40
6091.43	859.3	23.98	1.76E-06	1.38E-05	-0.03	-0.18	0.18	259.38
6274.29	869.0	24.25	1.63E-06	1.29E-05	-0.07	-0.23	0.24	253.95
6457.14	878.8	24.52	1.37E-06	1.26E-05	-0.17	-0.12	0.20	214.50
6640.00	888.6	24.79	1.15E-06	1.28E-05	-0.17	-0.03	0.18	191.23
6822.86	898.3	25.07	1.11E-06	1.20E-05	-0.03	-0.07	0.08	244.20
7005.71	908.1	25.34	1.28E-06	1.21E-05	-0.03	-0.10	0.10	252.09
7188.57	917.9	25.61	1.32E-06	1.20E-05	-0.09	-0.04	0.10	205.23
7371.43	927.6	25.88	1.15E-06	9.73E-06	-0.05	0.07	0.09	129.05
7554.29	937.4	26.16	1.18E-06	8.64E-06	-0.03	0.12	0.13	101.56
7737.14	947.2	26.43	1.38E-06	9.48E-06	-0.05	0.02	0.05	163.27
7920.00	956.9	26.70	1.31E-06	1.00E-05	-0.08	-0.14	0.16	238.63
8102.86	966.7	26.97	1.14E-06	9.52E-06	-0.03	-0.17	0.18	260.49
8285.71	976.5	27.25	1.15E-06	9.38E-06	0.11	-0.18	0.21	303.15
8468.57	986.2	27.52	1.22E-06	9.95E-06	0.11	-0.18	0.21	302.91
8651.43	996.0	27.79	1.23E-06	9.92E-06	0.02	-0.17	0.17	277.76
8834.29	1005.8	28.06	1.15E-06	9.24E-06	-0.07	-0.21	0.22	251.67
9017.14	1015.5	28.34	1.08E-06	8.35E-06	-0.10	-0.20	0.22	243.35
9200.00	1025.3	28.61	1.09E-06	8.29E-06	-0.03	-0.20	0.21	261.06
9382.86	1035.0	28.88	1.08E-06	9.49E-06	-0.02	-0.21	0.22	264.63
9565.71	1044.8	29.15	9.86E-07	1.00E-05	-0.04	-0.16	0.16	256.86
9748.57	1054.6	29.43	8.89E-07	9.74E-06	0.01	-0.14	0.14	275.19
9931.43	1064.3	29.70	8.80E-07	9.19E-06	0.09	-0.18	0.20	297.27

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.2155E-01 RII(0)= 5.5126E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.03	0.02	2.65E 00	-0.02	2.82E 00	0.04
174	2.72E 00	-0.03	0.02	2.63E 00	-0.01	2.80E 00	0.05
173	2.70E 00	-0.03	0.02	2.62E 00	-0.01	2.79E 00	0.05
172	2.69E 00	-0.03	0.03	2.60E 00	-0.01	2.77E 00	0.05
171	2.67E 00	-0.04	0.02	2.59E 00	-0.01	2.76E 00	0.05
170	2.66E 00	-0.04	0.01	2.57E 00	-0.01	2.74E 00	0.05
169	2.64E 00	-0.03	0.01	2.56E 00	-0.01	2.73E 00	0.05
168	2.62E 00	-0.03	0.01	2.54E 00	-0.01	2.71E 00	0.04
167	2.61E 00	-0.02	0.02	2.52E 00	-0.02	2.69E 00	0.04
166	2.59E 00	-0.02	0.03	2.51E 00	-0.02	2.68E 00	0.04
165	2.58E 00	-0.01	0.02	2.49E 00	-0.02	2.66E 00	0.04
164	2.56E 00	-0.00	0.02	2.48E 00	-0.02	2.65E 00	0.03
163	2.55E 00	0.00	0.02	2.46E 00	-0.02	2.63E 00	0.03
162	2.53E 00	0.01	0.02	2.45E 00	-0.02	2.62E 00	0.02
161	2.52E 00	0.02	0.02	2.43E 00	-0.02	2.60E 00	0.02
160	2.50E 00	0.03	0.03	2.42E 00	-0.02	2.58E 00	0.02
159	2.48E 00	0.03	0.03	2.40E 00	-0.02	2.57E 00	0.01
158	2.47E 00	0.04	0.04	2.38E 00	-0.02	2.55E 00	0.01
157	2.45E 00	0.04	0.04	2.37E 00	-0.02	2.54E 00	0.00
156	2.44E 00	0.05	0.03	2.35E 00	-0.01	2.52E 00	0.00
155	2.42E 00	0.05	0.03	2.34E 00	-0.01	2.51E 00	0.00
154	2.41E 00	0.05	0.03	2.32E 00	-0.01	2.49E 00	-0.00
153	2.39E 00	0.06	0.02	2.31E 00	-0.00	2.48E 00	-0.00
152	2.37E 00	0.06	0.02	2.29E 00	-0.01	2.46E 00	-0.01
151	2.36E 00	0.06	0.03	2.27E 00	-0.01	2.44E 00	-0.01
150	2.34E 00	0.05	0.03	2.26E 00	-0.01	2.43E 00	-0.01
149	2.33E 00	0.05	0.03	2.24E 00	-0.01	2.41E 00	-0.02
148	2.31E 00	0.05	0.04	2.23E 00	-0.01	2.40E 00	-0.02
147	2.30E 00	0.04	0.05	2.21E 00	-0.01	2.38E 00	-0.02
146	2.28E 00	0.03	0.05	2.20E 00	-0.01	2.37E 00	-0.02
145	2.27E 00	0.03	0.05	2.18E 00	-0.01	2.35E 00	-0.02
144	2.25E 00	0.02	0.05	2.17E 00	-0.00	2.33E 00	-0.02
143	2.23E 00	0.02	0.05	2.15E 00	-0.00	2.32E 00	-0.02
142	2.22E 00	0.01	0.05	2.13E 00	-0.01	2.30E 00	-0.02
141	2.20E 00	0.01	0.05	2.12E 00	-0.01	2.29E 00	-0.02
140	2.19E 00	0.00	0.05	2.10E 00	-0.01	2.27E 00	-0.02
139	2.17E 00	0.00	0.05	2.09E 00	-0.01	2.26E 00	-0.02
138	2.16E 00	-0.00	0.06	2.07E 00	-0.01	2.24E 00	-0.02
137	2.14E 00	-0.00	0.05	2.06E 00	-0.01	2.23E 00	-0.03
136	2.12E 00	-0.00	0.05	2.04E 00	-0.01	2.21E 00	-0.03
135	2.11E 00	-0.00	0.05	2.02E 00	-0.01	2.19E 00	-0.03
134	2.09E 00	-0.00	0.05	2.01E 00	-0.01	2.18E 00	-0.03

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.2155E-01 RII(0)= 5.5126E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	-0.00	0.05	1.99E 00	-0.01	2.16E 00	-0.03
132	2.06E 00	-0.00	0.05	1.98E 00	-0.01	2.15E 00	-0.04
131	2.05E 00	-0.00	0.05	1.96E 00	-0.00	2.13E 00	-0.04
130	2.03E 00	-0.00	0.04	1.95E 00	-0.00	2.12E 00	-0.04
129	2.02E 00	0.00	0.05	1.93E 00	0.00	2.10E 00	-0.04
128	2.00E 00	0.00	0.06	1.92E 00	0.01	2.08E 00	-0.04
127	1.98E 00	0.00	0.06	1.90E 00	0.00	2.07E 00	-0.04
126	1.97E 00	0.01	0.06	1.88E 00	0.00	2.05E 00	-0.04
125	1.95E 00	0.01	0.06	1.87E 00	0.00	2.04E 00	-0.04
124	1.94E 00	0.01	0.05	1.85E 00	0.00	2.02E 00	-0.04
123	1.92E 00	0.01	0.05	1.84E 00	-0.00	2.01E 00	-0.04
122	1.91E 00	0.01	0.05	1.82E 00	-0.00	1.99E 00	-0.04
121	1.89E 00	0.01	0.05	1.81E 00	-0.00	1.98E 00	-0.03
120	1.87E 00	0.01	0.06	1.79E 00	-0.01	1.96E 00	-0.03
119	1.86E 00	0.00	0.06	1.77E 00	-0.01	1.94E 00	-0.03
118	1.84E 00	0.00	0.05	1.76E 00	-0.01	1.93E 00	-0.02
117	1.83E 00	0.00	0.04	1.74E 00	-0.01	1.91E 00	-0.02
116	1.81E 00	0.00	0.04	1.73E 00	-0.01	1.90E 00	-0.02
115	1.80E 00	0.00	0.04	1.71E 00	-0.02	1.88E 00	-0.01
114	1.78E 00	0.00	0.04	1.70E 00	-0.02	1.87E 00	-0.01
113	1.77E 00	0.00	0.04	1.68E 00	-0.01	1.85E 00	-0.01
112	1.75E 00	0.00	0.04	1.67E 00	-0.01	1.83E 00	-0.01
111	1.73E 00	0.01	0.04	1.65E 00	-0.01	1.82E 00	-0.00
110	1.72E 00	0.01	0.05	1.63E 00	-0.01	1.80E 00	0.00
109	1.70E 00	0.01	0.06	1.62E 00	-0.01	1.79E 00	-0.00
108	1.69E 00	0.01	0.06	1.60E 00	-0.02	1.77E 00	-0.00
107	1.67E 00	0.01	0.07	1.59E 00	-0.02	1.76E 00	-0.01
106	1.66E 00	0.01	0.07	1.57E 00	-0.03	1.74E 00	-0.01
105	1.64E 00	0.01	0.07	1.56E 00	-0.03	1.73E 00	-0.02
104	1.62E 00	0.01	0.07	1.54E 00	-0.03	1.71E 00	-0.02
103	1.61E 00	0.01	0.08	1.52E 00	-0.03	1.69E 00	-0.03
102	1.59E 00	0.01	0.09	1.51E 00	-0.04	1.68E 00	-0.03
101	1.58E 00	0.01	0.09	1.49E 00	-0.04	1.66E 00	-0.03
100	1.56E 00	0.01	0.09	1.48E 00	-0.04	1.65E 00	-0.04
99	1.55E 00	0.01	0.10	1.46E 00	-0.04	1.63E 00	-0.04
98	1.53E 00	0.01	0.10	1.45E 00	-0.04	1.62E 00	-0.04
97	1.52E 00	0.02	0.10	1.43E 00	-0.04	1.60E 00	-0.04
96	1.50E 00	0.02	0.10	1.42E 00	-0.03	1.58E 00	-0.05
95	1.48E 00	0.02	0.10	1.40E 00	-0.03	1.57E 00	-0.05
94	1.47E 00	0.02	0.10	1.38E 00	-0.02	1.55E 00	-0.05
93	1.45E 00	0.02	0.09	1.37E 00	-0.01	1.54E 00	-0.05
92	1.44E 00	0.02	0.08	1.35E 00	-0.00	1.52E 00	-0.05

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.2155E-01 RII(0)= 5.5126E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.02	0.08	1.34E 00	0.00	1.51E 00	-0.04
90	1.41E 00	0.02	0.08	1.32E 00	0.00	1.49E 00	-0.04
89	1.39E 00	0.01	0.07	1.31E 00	0.00	1.48E 00	-0.04
88	1.37E 00	0.01	0.08	1.29E 00	0.00	1.46E 00	-0.04
87	1.36E 00	0.01	0.08	1.27E 00	0.00	1.44E 00	-0.04
86	1.34E 00	0.01	0.08	1.26E 00	0.00	1.43E 00	-0.04
85	1.33E 00	0.01	0.08	1.24E 00	-0.00	1.41E 00	-0.04
84	1.31E 00	0.01	0.08	1.23E 00	-0.00	1.40E 00	-0.04
83	1.30E 00	0.01	0.07	1.21E 00	-0.00	1.38E 00	-0.04
82	1.28E 00	0.01	0.08	1.20E 00	-0.01	1.37E 00	-0.05
81	1.27E 00	0.01	0.08	1.18E 00	-0.01	1.35E 00	-0.05
80	1.25E 00	0.01	0.08	1.17E 00	-0.01	1.33E 00	-0.05
79	1.23E 00	0.01	0.07	1.15E 00	-0.02	1.32E 00	-0.05
78	1.22E 00	0.00	0.07	1.13E 00	-0.02	1.30E 00	-0.04
77	1.20E 00	0.00	0.08	1.12E 00	-0.01	1.29E 00	-0.04
76	1.19E 00	-0.00	0.09	1.10E 00	-0.01	1.27E 00	-0.04
75	1.17E 00	-0.00	0.09	1.09E 00	-0.01	1.26E 00	-0.03
74	1.16E 00	-0.01	0.10	1.07E 00	-0.01	1.24E 00	-0.03
73	1.14E 00	-0.01	0.10	1.06E 00	-0.00	1.23E 00	-0.03
72	1.12E 00	-0.02	0.11	1.04E 00	-0.00	1.21E 00	-0.03
71	1.11E 00	-0.02	0.11	1.02E 00	-0.00	1.19E 00	-0.03
70	1.09E 00	-0.02	0.11	1.01E 00	-0.00	1.18E 00	-0.03
69	1.08E 00	-0.03	0.11	9.93E-01	-0.00	1.16E 00	-0.02
68	1.06E 00	-0.03	0.12	9.78E-01	-0.00	1.15E 00	-0.02
67	1.05E 00	-0.04	0.12	9.62E-01	0.00	1.13E 00	-0.03
66	1.03E 00	-0.05	0.12	9.46E-01	0.01	1.12E 00	-0.03
65	1.02E 00	-0.05	0.12	9.31E-01	0.02	1.10E 00	-0.03
64	10.00E-01	-0.05	0.11	9.15E-01	0.02	1.08E 00	-0.03
63	9.84E-01	-0.06	0.11	8.99E-01	0.02	1.07E 00	-0.04
62	9.69E-01	-0.06	0.11	8.84E-01	0.03	1.05E 00	-0.04
61	9.53E-01	-0.06	0.11	8.68E-01	0.04	1.04E 00	-0.04
60	9.37E-01	-0.06	0.11	8.53E-01	0.05	1.02E 00	-0.04
59	9.22E-01	-0.06	0.11	8.37E-01	0.05	1.01E 00	-0.04
58	9.06E-01	-0.06	0.11	8.21E-01	0.06	9.91E-01	-0.05
57	8.91E-01	-0.07	0.10	8.06E-01	0.06	9.76E-01	-0.05
56	8.75E-01	-0.07	0.10	7.90E-01	0.06	9.60E-01	-0.05
55	8.59E-01	-0.07	0.10	7.74E-01	0.07	9.44E-01	-0.05
54	8.44E-01	-0.07	0.11	7.59E-01	0.07	9.29E-01	-0.05
53	8.28E-01	-0.07	0.11	7.43E-01	0.07	9.13E-01	-0.05
52	8.12E-01	-0.07	0.12	7.28E-01	0.07	8.97E-01	-0.05
51	7.97E-01	-0.06	0.13	7.12E-01	0.07	8.82E-01	-0.05
50	7.81E-01	-0.06	0.12	6.96E-01	0.07	8.66E-01	-0.05

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.2155E-01 RII(0)= 5.5126E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	-0.06	0.12	6.81E-01	0.07	8.51E-01	-0.04
48	7.50E-01	-0.05	0.12	6.65E-01	0.07	8.35E-01	-0.04
47	7.34E-01	-0.05	0.13	6.49E-01	0.07	8.19E-01	-0.04
46	7.19E-01	-0.05	0.13	6.34E-01	0.07	8.04E-01	-0.03
45	7.03E-01	-0.05	0.13	6.18E-01	0.07	7.88E-01	-0.02
44	6.87E-01	-0.04	0.13	6.03E-01	0.07	7.72E-01	-0.02
43	6.72E-01	-0.05	0.14	5.87E-01	0.07	7.57E-01	-0.01
42	6.56E-01	-0.05	0.13	5.71E-01	0.07	7.41E-01	-0.01
41	6.41E-01	-0.05	0.12	5.56E-01	0.07	7.26E-01	-0.00
40	6.25E-01	-0.06	0.12	5.40E-01	0.06	7.10E-01	0.00
39	6.09E-01	-0.06	0.12	5.24E-01	0.06	6.94E-01	0.01
38	5.94E-01	-0.07	0.12	5.09E-01	0.06	6.79E-01	0.01
37	5.78E-01	-0.07	0.11	4.93E-01	0.06	6.63E-01	0.02
36	5.62E-01	-0.08	0.11	4.78E-01	0.05	6.47E-01	0.02
35	5.47E-01	-0.08	0.12	4.62E-01	0.04	6.32E-01	0.03
34	5.31E-01	-0.09	0.12	4.46E-01	0.03	6.16E-01	0.03
33	5.16E-01	-0.10	0.12	4.31E-01	0.02	6.01E-01	0.03
32	5.00E-01	-0.10	0.12	4.15E-01	0.01	5.85E-01	0.03
31	4.84E-01	-0.10	0.12	3.99E-01	0.00	5.69E-01	0.03
30	4.69E-01	-0.11	0.12	3.84E-01	-0.01	5.54E-01	0.03
29	4.53E-01	-0.11	0.12	3.68E-01	-0.02	5.38E-01	0.04
28	4.37E-01	-0.11	0.11	3.53E-01	-0.04	5.22E-01	0.04
27	4.22E-01	-0.11	0.11	3.37E-01	-0.06	5.07E-01	0.04
26	4.06E-01	-0.11	0.11	3.21E-01	-0.07	4.91E-01	0.03
25	3.91E-01	-0.11	0.11	3.06E-01	-0.09	4.76E-01	0.03
24	3.75E-01	-0.10	0.11	2.90E-01	-0.10	4.60E-01	0.03
23	3.59E-01	-0.10	0.11	2.74E-01	-0.10	4.44E-01	0.03
22	3.44E-01	-0.09	0.11	2.59E-01	-0.10	4.29E-01	0.02
21	3.28E-01	-0.08	0.10	2.43E-01	-0.10	4.13E-01	0.02
20	3.12E-01	-0.06	0.10	2.28E-01	-0.10	3.97E-01	0.01
19	2.97E-01	-0.05	0.10	2.12E-01	-0.09	3.82E-01	0.01
18	2.81E-01	-0.02	0.10	1.96E-01	-0.08	3.66E-01	0.01
17	2.66E-01	0.00	0.10	1.81E-01	-0.08	3.51E-01	0.01
16	2.50E-01	0.03	0.10	1.65E-01	-0.07	3.35E-01	0.01
15	2.34E-01	0.07	0.11	1.49E-01	-0.06	3.19E-01	0.01
14	2.19E-01	0.11	0.11	1.34E-01	-0.05	3.04E-01	0.01
13	2.03E-01	0.15	0.13	1.18E-01	-0.04	2.88E-01	0.01
12	1.87E-01	0.21	0.15	1.03E-01	-0.03	2.72E-01	0.00
11	1.72E-01	0.26	0.18	8.70E-02	-0.03	2.57E-01	0.00
10	1.56E-01	0.33	0.21	7.13E-02	-0.02	2.41E-01	-0.00
9	1.41E-01	0.39	0.24	5.57E-02	-0.02	2.26E-01	-0.00
8	1.25E-01	0.47	0.27	4.01E-02	-0.02	2.10E-01	-0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=12
$\alpha = \beta = 0°$ RJJ(0)= 2.2155E-01 RII(0)= 5.5126E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.54	0.32	2.45E-02	-0.01	1.94E-01	-0.01
6	9.37E-02	0.62	0.35	8.85E-03	-0.01	1.79E-01	-0.01
5	7.81E-02	0.70	0.39	-6.78E-03	-0.01	1.63E-01	-0.01
4	6.25E-02	0.78	0.46	-2.24E-02	-0.01	1.47E-01	-0.01
3	4.69E-02	0.85	0.48	-3.80E-02	-0.01	1.32E-01	-0.01
2	3.12E-02	0.91	0.50	-5.36E-02	-0.01	1.16E-01	-0.01
1	1.56E-02	0.97	0.78	-6.93E-02	-0.01	1.01E-01	-0.01
0	0.	1.00	1.00	-8.49E-02	-0.01	8.49E-02	-0.01

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	2.80E-04	1.74E-03	-0.08	0.	0.08	180.00
182.86	9.8	0.27	6.20E-04	2.44E-03	-0.00	0.12	0.12	91.05
365.71	19.5	0.54	8.03E-04	1.09E-03	0.03	0.08	0.08	67.31
548.57	29.3	0.82	9.72E-04	7.85E-04	-0.17	-0.07	0.18	202.27
731.43	39.1	1.09	9.92E-04	8.17E-04	-0.27	-0.18	0.33	212.77
914.29	48.8	1.36	8.84E-04	8.43E-04	-0.22	-0.22	0.31	224.04
1097.14	58.6	1.63	7.71E-04	8.54E-04	-0.09	-0.19	0.21	244.07
1280.00	68.4	1.91	7.23E-04	8.67E-04	0.02	-0.12	0.12	277.25
1462.86	78.1	2.18	6.62E-04	7.89E-04	0.15	-0.03	0.15	347.31
1645.71	87.9	2.45	5.64E-04	6.99E-04	0.27	0.00	0.27	0.92
1828.57	97.6	2.72	4.33E-04	7.23E-04	0.20	-0.02	0.20	353.44
2011.43	107.4	3.00	3.22E-04	6.73E-04	0.11	-0.03	0.12	343.05
2194.29	117.2	3.27	2.46E-04	5.08E-04	0.15	-0.01	0.15	357.19
2377.14	126.9	3.54	1.97E-04	4.38E-04	0.15	0.11	0.18	37.06
2560.00	136.7	3.81	1.82E-04	4.71E-04	0.08	0.22	0.24	70.37
2742.86	146.5	4.09	1.57E-04	4.45E-04	0.03	0.20	0.20	80.06
2925.71	156.2	4.36	1.31E-04	3.65E-04	-0.04	0.13	0.13	105.96
3108.57	166.0	4.63	1.09E-04	3.04E-04	-0.07	0.19	0.20	111.61
3291.43	175.8	4.90	8.95E-05	2.36E-04	-0.11	0.20	0.23	118.25
3474.29	185.5	5.18	7.34E-05	2.01E-04	-0.14	-0.01	0.14	185.18
3657.14	195.3	5.45	5.37E-05	2.13E-04	-0.07	-0.08	0.11	230.40
3840.00	205.1	5.72	4.18E-05	2.07E-04	0.00	0.06	0.06	86.84
4022.86	214.8	5.99	4.24E-05	1.88E-04	-0.04	0.01	0.05	161.14
4205.71	224.6	6.27	4.27E-05	1.68E-04	-0.06	-0.14	0.15	247.78
4388.57	234.3	6.54	3.67E-05	1.60E-04	-0.02	-0.20	0.20	263.82
4571.43	244.1	6.81	3.28E-05	1.61E-04	0.00	-0.17	0.17	270.93
4754.29	253.9	7.08	2.86E-05	1.48E-04	0.06	-0.09	0.11	304.31
4937.14	263.6	7.36	2.12E-05	1.26E-04	0.08	-0.06	0.10	321.36
5120.00	273.4	7.63	1.93E-05	1.27E-04	0.01	-0.07	0.07	274.01
5302.86	283.2	7.90	2.10E-05	1.45E-04	-0.05	-0.02	0.05	198.44
5485.71	292.9	8.17	2.02E-05	1.41E-04	-0.03	0.01	0.03	154.80
5668.57	302.7	8.45	1.90E-05	1.32E-04	0.03	0.01	0.03	10.45
5851.43	312.5	8.72	1.73E-05	1.42E-04	0.01	0.06	0.07	77.98
6034.29	322.2	8.99	1.44E-05	1.55E-04	0.01	0.13	0.13	84.54
6217.14	332.0	9.26	1.25E-05	1.45E-04	0.04	0.10	0.11	66.32
6400.00	341.8	9.54	1.18E-05	1.31E-04	0.04	-0.01	0.04	351.58
6582.86	351.5	9.81	1.13E-05	1.22E-04	0.01	-0.03	0.03	298.93
6765.71	361.3	10.08	9.98E-06	1.12E-04	-0.07	0.01	0.07	168.22
6948.57	371.1	10.35	8.46E-06	1.17E-04	-0.18	-0.01	0.18	183.44
7131.43	380.8	10.63	8.26E-06	1.21E-04	-0.11	-0.09	0.14	219.73
7314.29	390.6	10.90	8.70E-06	1.28E-04	-0.00	-0.12	0.12	269.10
7497.14	400.3	11.17	8.06E-06	1.41E-04	-0.01	-0.06	0.06	260.65

[redacted]

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	410.1	11.44	7.31E-06	1.37E-04	0.04	-0.00	0.04	356.23
7862.86	419.9	11.72	7.37E-06	1.18E-04	0.08	-0.01	0.08	355.92
8045.71	429.6	11.99	6.87E-06	1.03E-04	0.04	-0.08	0.09	298.42
8228.57	439.4	12.26	5.88E-06	9.84E-05	0.06	-0.09	0.11	304.65
8411.43	449.2	12.53	5.52E-06	1.07E-04	0.10	0.05	0.12	27.33
8594.29	458.9	12.81	5.85E-06	1.20E-04	0.10	0.14	0.17	53.19
8777.14	468.7	13.08	6.32E-06	1.16E-04	0.10	0.08	0.13	40.00
8960.00	478.5	13.35	6.10E-06	9.94E-05	0.08	-0.02	0.08	346.62
9142.86	488.2	13.62	5.13E-06	8.59E-05	0.03	0.02	0.04	38.92
9325.71	498.0	13.90	4.27E-06	8.98E-05	-0.03	0.08	0.09	107.37
9508.57	507.8	14.17	4.13E-06	1.06E-04	-0.03	-0.01	0.03	198.36
9691.43	517.5	14.44	4.22E-06	1.04E-04	0.05	-0.05	0.07	314.74
9874.29	527.3	14.71	4.12E-06	8.74E-05	0.04	0.01	0.04	18.23
0057.14	537.1	14.99	4.35E-06	8.71E-05	-0.09	0.03	0.10	160.37
0240.00	546.8	15.26	4.60E-06	8.89E-05	-0.10	-0.00	0.10	180.66
0422.86	556.6	15.53	4.07E-06	8.32E-05	-0.04	0.05	0.07	130.27
0605.71	566.3	15.80	3.46E-06	8.79E-05	-0.02	0.07	0.08	107.80
0788.57	576.1	16.07	3.84E-06	9.26E-05	-0.03	0.01	0.03	156.24
0971.43	585.9	16.35	4.30E-06	9.07E-05	-0.00	0.08	0.08	91.16
1154.29	595.6	16.62	4.28E-06	9.52E-05	-0.00	0.12	0.12	91.62
1337.14	605.4	16.89	3.98E-06	9.70E-05	-0.09	0.04	0.10	157.37
1520.00	615.2	17.16	3.13E-06	9.53E-05	-0.06	0.00	0.06	176.77
1702.86	624.9	17.44	2.45E-06	1.01E-04	0.05	0.00	0.05	5.90
1885.71	634.7	17.71	2.58E-06	9.73E-05	-0.00	0.05	0.05	94.11
2068.57	644.5	17.98	2.92E-06	8.48E-05	-0.10	0.04	0.11	157.81
2251.43	654.2	18.25	2.94E-06	8.28E-05	-0.20	-0.03	0.20	189.71
2434.29	664.0	18.53	3.00E-06	8.93E-05	-0.20	0.02	0.20	174.72
2617.14	673.8	18.80	2.90E-06	9.32E-05	-0.10	0.12	0.16	129.99
2800.00	683.5	19.07	2.42E-06	8.80E-05	0.03	0.05	0.06	61.68
2982.86	693.3	19.34	2.30E-06	8.05E-05	0.06	-0.02	0.07	342.37
3165.71	703.0	19.62	2.27E-06	8.27E-05	0.05	0.01	0.06	11.41
3348.57	712.8	19.89	1.96E-06	9.03E-05	-0.00	0.01	0.01	124.39
3531.43	722.6	20.16	2.11E-06	9.15E-05	-0.00	0.01	0.01	91.61
3714.29	732.3	20.43	2.52E-06	8.52E-05	0.12	-0.04	0.12	341.47
3897.14	742.1	20.71	2.41E-06	8.05E-05	0.06	-0.09	0.11	301.24
4080.00	751.9	20.98	2.07E-06	7.81E-05	-0.09	-0.03	0.10	198.45
4262.86	761.6	21.25	1.94E-06	7.93E-05	-0.04	0.04	0.06	132.82
4445.71	771.4	21.52	1.89E-06	8.03E-05	0.01	0.07	0.07	80.37
4628.57	781.2	21.80	1.93E-06	7.41E-05	-0.01	0.03	0.03	110.40
4811.43	790.9	22.07	2.02E-06	8.00E-05	0.03	-0.04	0.05	306.68
4994.29	800.7	22.34	1.76E-06	9.56E-05	0.05	0.01	0.05	9.00
5177.14	810.5	22.61	1.47E-06	9.07E-05	0.05	0.04	0.06	37.85

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=12
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
5360.00	820.2	22.89	1.48E-06	7.66E-05	0.04	-0.01	0.04	342.99
5542.86	830.0	23.16	1.62E-06	7.25E-05	0.05	-0.06	0.08	309.85
5725.71	839.8	23.43	1.76E-06	6.70E-05	0.06	-0.12	0.14	295.69
5908.57	849.5	23.70	1.67E-06	6.18E-05	0.00	-0.09	0.09	272.21
6091.43	859.3	23.98	1.45E-06	6.83E-05	-0.00	0.04	0.04	92.31
6274.29	869.0	24.25	1.28E-06	7.53E-05	0.05	0.11	0.13	64.58
6457.14	878.8	24.52	1.19E-06	7.77E-05	0.05	0.07	0.09	56.67
6640.00	888.6	24.79	1.22E-06	7.60E-05	0.05	-0.03	0.06	326.98
6822.86	898.3	25.07	1.25E-06	7.32E-05	0.14	-0.13	0.19	318.06
7005.71	908.1	25.34	1.27E-06	6.84E-05	0.20	-0.13	0.24	327.41
7188.57	917.9	25.61	1.30E-06	6.13E-05	0.15	0.02	0.15	8.93
7371.43	927.6	25.88	1.33E-06	6.83E-05	0.03	0.11	0.11	76.49
7554.29	937.4	26.16	1.41E-06	7.89E-05	-0.06	0.01	0.06	166.55
7737.14	947.2	26.43	1.45E-06	7.18E-05	-0.05	-0.04	0.06	215.11
7920.00	956.9	26.70	1.33E-06	6.04E-05	0.02	-0.01	0.02	329.41
8102.86	966.7	26.97	1.13E-06	6.42E-05	0.05	-0.00	0.05	356.47
8285.71	976.5	27.25	1.04E-06	6.79E-05	0.04	0.01	0.04	14.32
8468.57	986.2	27.52	1.05E-06	5.73E-05	0.06	0.05	0.08	36.67
8651.43	996.0	27.79	1.10E-06	4.99E-05	0.07	0.03	0.08	25.17
8834.29	1005.8	28.06	1.16E-06	5.43E-05	0.06	0.02	0.06	23.49
9017.14	1015.5	28.34	1.07E-06	5.51E-05	0.06	0.06	0.08	44.72
9200.00	1025.3	28.61	8.80E-07	4.92E-05	0.05	0.02	0.05	20.09
9382.86	1035.0	28.88	7.95E-07	4.85E-05	0.01	-0.01	0.02	315.28
9565.71	1044.8	29.15	8.46E-07	4.65E-05	-0.01	0.02	0.02	115.77
9748.57	1054.6	29.43	8.82E-07	4.51E-05	-0.01	0.04	0.04	102.51
9931.43	1064.3	29.70	9.00E-07	4.99E-05	-0.02	0.09	0.10	102.24

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.0854E-01 RII(0)= 3.9407E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
175	2.73E 00	-0.03	0.06	2.65E 00	0.00	2.82E 00	-0.01
174	2.72E 00	-0.03	0.05	2.63E 00	0.00	2.81E 00	-0.01
173	2.70E 00	-0.03	0.04	2.61E 00	0.01	2.79E 00	-0.01
172	2.69E 00	-0.03	0.04	2.60E 00	0.01	2.78E 00	-0.02
171	2.67E 00	-0.03	0.04	2.58E 00	0.01	2.76E 00	-0.02
170	2.66E 00	-0.03	0.03	2.57E 00	0.02	2.74E 00	-0.03
169	2.64E 00	-0.03	0.03	2.55E 00	0.02	2.73E 00	-0.03
168	2.62E 00	-0.03	0.03	2.54E 00	0.03	2.71E 00	-0.03
167	2.61E 00	-0.04	0.02	2.52E 00	0.03	2.70E 00	-0.03
166	2.59E 00	-0.04	0.02	2.51E 00	0.03	2.68E 00	-0.04
165	2.58E 00	-0.04	0.02	2.49E 00	0.04	2.67E 00	-0.04
164	2.56E 00	-0.04	0.01	2.47E 00	0.04	2.65E 00	-0.04
163	2.55E 00	-0.04	0.01	2.46E 00	0.04	2.64E 00	-0.03
162	2.53E 00	-0.04	0.02	2.44E 00	0.04	2.62E 00	-0.03
161	2.52E 00	-0.04	0.01	2.43E 00	0.04	2.60E 00	-0.03
160	2.50E 00	-0.04	0.01	2.41E 00	0.04	2.59E 00	-0.03
159	2.48E 00	-0.04	0.01	2.40E 00	0.04	2.57E 00	-0.03
158	2.47E 00	-0.04	0.01	2.38E 00	0.03	2.56E 00	-0.02
157	2.45E 00	-0.03	0.01	2.36E 00	0.03	2.54E 00	-0.02
156	2.44E 00	-0.03	0.01	2.35E 00	0.03	2.53E 00	-0.01
155	2.42E 00	-0.03	0.01	2.33E 00	0.02	2.51E 00	-0.01
154	2.41E 00	-0.02	0.01	2.32E 00	0.02	2.49E 00	-0.00
153	2.39E 00	-0.02	0.01	2.30E 00	0.02	2.48E 00	0.00
152	2.37E 00	-0.01	0.01	2.29E 00	0.02	2.46E 00	0.01
151	2.36E 00	-0.00	0.01	2.27E 00	0.01	2.45E 00	0.01
150	2.34E 00	0.00	0.01	2.26E 00	0.01	2.43E 00	0.02
149	2.33E 00	0.01	0.01	2.24E 00	0.01	2.42E 00	0.02
148	2.31E 00	0.01	0.02	2.22E 00	0.00	2.40E 00	0.02
147	2.30E 00	0.02	0.02	2.21E 00	0.00	2.39E 00	0.02
146	2.28E 00	0.03	0.02	2.19E 00	0.00	2.37E 00	0.01
145	2.27E 00	0.03	0.02	2.18E 00	0.00	2.35E 00	0.01
144	2.25E 00	0.03	0.02	2.16E 00	0.00	2.34E 00	0.01
143	2.23E 00	0.04	0.02	2.15E 00	0.00	2.32E 00	0.01
142	2.22E 00	0.04	0.02	2.13E 00	0.00	2.31E 00	0.01
141	2.20E 00	0.05	0.02	2.11E 00	0.00	2.29E 00	0.01
140	2.19E 00	0.05	0.02	2.10E 00	0.00	2.28E 00	0.01
139	2.17E 00	0.05	0.02	2.08E 00	0.00	2.26E 00	0.01
138	2.16E 00	0.05	0.02	2.07E 00	0.00	2.24E 00	0.01
137	2.14E 00	0.05	0.02	2.05E 00	0.00	2.23E 00	0.01
136	2.12E 00	0.05	0.02	2.04E 00	0.01	2.21E 00	0.00
135	2.11E 00	0.05	0.03	2.02E 00	0.01	2.20E 00	0.00
134	2.09E 00	0.04	0.03	2.01E 00	0.01	2.18E 00	0.00

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.0854E-01 RII(0)= 3.9407E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
133	2.08E 00	0.04	0.03	1.99E 00	0.01	2.17E 00	-0.00
132	2.06E 00	0.04	0.03	1.97E 00	0.01	2.15E 00	-0.00
131	2.05E 00	0.04	0.03	1.96E 00	0.01	2.14E 00	-0.00
130	2.03E 00	0.04	0.03	1.94E 00	0.01	2.12E 00	-0.00
129	2.02E 00	0.04	0.03	1.93E 00	0.00	2.10E 00	-0.00
128	2.00E 00	0.04	0.02	1.91E 00	0.00	2.09E 00	-0.00
127	1.98E 00	0.04	0.02	1.90E 00	-0.00	2.07E 00	0.00
126	1.97E 00	0.04	0.02	1.88E 00	-0.00	2.06E 00	0.00
125	1.95E 00	0.04	0.02	1.86E 00	-0.01	2.04E 00	0.01
124	1.94E 00	0.04	0.02	1.85E 00	-0.01	2.03E 00	0.01
123	1.92E 00	0.04	0.02	1.83E 00	-0.01	2.01E 00	0.01
122	1.91E 00	0.03	0.02	1.82E 00	-0.01	1.99E 00	0.01
121	1.89E 00	0.03	0.02	1.80E 00	-0.01	1.98E 00	0.02
120	1.87E 00	0.03	0.01	1.79E 00	-0.01	1.96E 00	0.02
119	1.86E 00	0.02	0.01	1.77E 00	-0.01	1.95E 00	0.02
118	1.84E 00	0.02	0.01	1.76E 00	-0.00	1.93E 00	0.02
117	1.83E 00	0.01	0.01	1.74E 00	0.00	1.92E 00	0.02
116	1.81E 00	0.01	0.00	1.72E 00	0.01	1.90E 00	0.02
115	1.80E 00	0.01	-0.00	1.71E 00	0.01	1.89E 00	0.02
114	1.78E 00	0.00	-0.01	1.69E 00	0.02	1.87E 00	0.01
113	1.77E 00	0.00	-0.00	1.68E 00	0.02	1.85E 00	0.01
112	1.75E 00	-0.00	-0.00	1.66E 00	0.03	1.84E 00	0.00
111	1.73E 00	-0.00	-0.01	1.65E 00	0.04	1.82E 00	0.00
110	1.72E 00	-0.01	-0.01	1.63E 00	0.04	1.81E 00	-0.00
109	1.70E 00	-0.01	-0.01	1.61E 00	0.05	1.79E 00	-0.01
108	1.69E 00	-0.01	-0.01	1.60E 00	0.06	1.78E 00	-0.01
107	1.67E 00	-0.01	-0.01	1.58E 00	0.06	1.76E 00	-0.02
106	1.66E 00	-0.01	-0.00	1.57E 00	0.07	1.74E 00	-0.03
105	1.64E 00	-0.01	0.00	1.55E 00	0.08	1.73E 00	-0.03
104	1.62E 00	-0.01	0.01	1.54E 00	0.08	1.71E 00	-0.03
103	1.61E 00	-0.01	0.01	1.52E 00	0.08	1.70E 00	-0.03
102	1.59E 00	-0.01	0.01	1.51E 00	0.08	1.68E 00	-0.03
101	1.58E 00	-0.01	0.01	1.49E 00	0.08	1.67E 00	-0.03
100	1.56E 00	-0.01	0.02	1.47E 00	0.08	1.65E 00	-0.03
99	1.55E 00	-0.01	0.02	1.46E 00	0.09	1.64E 00	-0.03
98	1.53E 00	-0.00	0.02	1.44E 00	0.08	1.62E 00	-0.03
97	1.52E 00	-0.00	0.03	1.43E 00	0.08	1.60E 00	-0.02
96	1.50E 00	0.00	0.03	1.41E 00	0.08	1.59E 00	-0.02
95	1.48E 00	0.01	0.04	1.40E 00	0.08	1.57E 00	-0.02
94	1.47E 00	0.01	0.04	1.38E 00	0.08	1.56E 00	-0.02
93	1.45E 00	0.01	0.05	1.36E 00	0.08	1.54E 00	-0.01
92	1.44E 00	0.02	0.05	1.35E 00	0.07	1.53E 00	-0.01

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.0854E-01 RII(0)= 3.9407E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
91	1.42E 00	0.02	0.06	1.33E 00	0.07	1.51E 00	-0.01
90	1.41E 00	0.02	0.06	1.32E 00	0.07	1.49E 00	-0.01
89	1.39E 00	0.02	0.07	1.30E 00	0.07	1.48E 00	-0.00
88	1.37E 00	0.02	0.08	1.29E 00	0.07	1.46E 00	-0.00
87	1.36E 00	0.02	0.08	1.27E 00	0.07	1.45E 00	0.00
86	1.34E 00	0.01	0.09	1.26E 00	0.06	1.43E 00	0.01
85	1.33E 00	0.01	0.09	1.24E 00	0.06	1.42E 00	0.01
84	1.31E 00	0.01	0.10	1.22E 00	0.06	1.40E 00	0.01
83	1.30E 00	0.01	0.10	1.21E 00	0.05	1.39E 00	0.02
82	1.28E 00	0.01	0.11	1.19E 00	0.05	1.37E 00	0.02
81	1.27E 00	0.01	0.11	1.18E 00	0.05	1.35E 00	0.03
80	1.25E 00	0.02	0.11	1.16E 00	0.04	1.34E 00	0.03
79	1.23E 00	0.02	0.12	1.15E 00	0.04	1.32E 00	0.03
78	1.22E 00	0.02	0.12	1.13E 00	0.03	1.31E 00	0.03
77	1.20E 00	0.02	0.12	1.11E 00	0.03	1.29E 00	0.03
76	1.19E 00	0.03	0.12	1.10E 00	0.03	1.28E 00	0.03
75	1.17E 00	0.03	0.12	1.08E 00	0.02	1.26E 00	0.03
74	1.16E 00	0.03	0.12	1.07E 00	0.02	1.24E 00	0.03
73	1.14E 00	0.03	0.12	1.05E 00	0.01	1.23E 00	0.03
72	1.12E 00	0.03	0.12	1.04E 00	0.01	1.21E 00	0.03
71	1.11E 00	0.03	0.12	1.02E 00	0.00	1.20E 00	0.02
70	1.09E 00	0.03	0.12	1.01E 00	-0.00	1.18E 00	0.02
69	1.08E 00	0.03	0.12	9.90E-01	-0.01	1.17E 00	0.02
68	1.06E 00	0.03	0.12	9.74E-01	-0.02	1.15E 00	0.02
67	1.05E 00	0.02	0.12	9.59E-01	-0.02	1.14E 00	0.02
66	1.03E 00	0.02	0.12	9.43E-01	-0.03	1.12E 00	0.02
65	1.02E 00	0.02	0.12	9.27E-01	-0.03	1.10E 00	0.02
64	10.00E-01	0.02	0.11	9.12E-01	-0.04	1.09E 00	0.01
63	9.84E-01	0.02	0.11	8.96E-01	-0.04	1.07E 00	0.01
62	9.69E-01	0.02	0.10	8.81E-01	-0.05	1.06E 00	0.01
61	9.53E-01	0.03	0.10	8.65E-01	-0.05	1.04E 00	0.01
60	9.37E-01	0.03	0.09	8.49E-01	-0.05	1.03E 00	0.01
59	9.22E-01	0.03	0.07	8.34E-01	-0.05	1.01E 00	0.02
58	9.06E-01	0.03	0.07	8.18E-01	-0.05	9.94E-01	0.02
57	8.91E-01	0.03	0.06	8.02E-01	-0.04	9.79E-01	0.02
56	8.75E-01	0.03	0.05	7.87E-01	-0.04	9.63E-01	0.02
55	8.59E-01	0.03	0.04	7.71E-01	-0.04	9.48E-01	0.03
54	8.44E-01	0.02	0.03	7.56E-01	-0.03	9.32E-01	0.03
53	8.28E-01	0.02	0.02	7.40E-01	-0.02	9.16E-01	0.04
52	8.12E-01	0.03	0.01	7.24E-01	-0.02	9.01E-01	0.04
51	7.97E-01	0.03	0.00	7.09E-01	-0.01	8.85E-01	0.04
50	7.81E-01	0.03	-0.01	6.93E-01	-0.00	8.69E-01	0.04

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.0854E-01 RII(0)= 3.9407E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
49	7.66E-01	0.03	-0.03	6.77E-01	0.00	8.54E-01	0.04
48	7.50E-01	0.02	-0.04	6.62E-01	0.01	8.38E-01	0.04
47	7.34E-01	0.02	-0.05	6.46E-01	0.01	8.23E-01	0.03
46	7.19E-01	0.02	-0.06	6.31E-01	0.02	8.07E-01	0.03
45	7.03E-01	0.01	-0.07	6.15E-01	0.03	7.91E-01	0.03
44	6.87E-01	0.01	-0.07	5.99E-01	0.03	7.76E-01	0.02
43	6.72E-01	0.00	-0.07	5.84E-01	0.04	7.60E-01	0.02
42	6.56E-01	-0.00	-0.08	5.68E-01	0.05	7.44E-01	0.02
41	6.41E-01	-0.01	-0.08	5.52E-01	0.05	7.29E-01	0.01
40	6.25E-01	-0.02	-0.09	5.37E-01	0.06	7.13E-01	0.01
39	6.09E-01	-0.03	-0.09	5.21E-01	0.06	6.98E-01	0.00
38	5.94E-01	-0.03	-0.09	5.06E-01	0.06	6.82E-01	0.00
37	5.78E-01	-0.04	-0.10	4.90E-01	0.06	6.66E-01	-0.00
36	5.62E-01	-0.05	-0.10	4.74E-01	0.06	6.51E-01	-0.00
35	5.47E-01	-0.05	-0.11	4.59E-01	0.06	6.35E-01	-0.01
34	5.31E-01	-0.06	-0.11	4.43E-01	0.06	6.19E-01	-0.00
33	5.16E-01	-0.07	-0.11	4.27E-01	0.06	6.04E-01	-0.00
32	5.00E-01	-0.07	-0.11	4.12E-01	0.06	5.88E-01	0.00
31	4.84E-01	-0.08	-0.11	3.96E-01	0.05	5.73E-01	0.01
30	4.69E-01	-0.08	-0.11	3.81E-01	0.05	5.57E-01	0.01
29	4.53E-01	-0.09	-0.10	3.65E-01	0.05	5.41E-01	0.02
28	4.37E-01	-0.09	-0.10	3.49E-01	0.04	5.26E-01	0.02
27	4.22E-01	-0.09	-0.08	3.34E-01	0.04	5.10E-01	0.03
26	4.06E-01	-0.09	-0.07	3.18E-01	0.04	4.94E-01	0.03
25	3.91E-01	-0.09	-0.06	3.02E-01	0.04	4.79E-01	0.03
24	3.75E-01	-0.09	-0.04	2.87E-01	0.04	4.63E-01	0.04
23	3.59E-01	-0.09	-0.02	2.71E-01	0.04	4.48E-01	0.04
22	3.44E-01	-0.08	0.00	2.56E-01	0.04	4.32E-01	0.04
21	3.28E-01	-0.08	0.03	2.40E-01	0.04	4.16E-01	0.04
20	3.12E-01	-0.07	0.05	2.24E-01	0.04	4.01E-01	0.05
19	2.97E-01	-0.06	0.08	2.09E-01	0.04	3.85E-01	0.05
18	2.81E-01	-0.04	0.11	1.93E-01	0.04	3.69E-01	0.05
17	2.66E-01	-0.02	0.14	1.77E-01	0.04	3.54E-01	0.05
16	2.50E-01	0.01	0.18	1.62E-01	0.04	3.38E-01	0.04
15	2.34E-01	0.04	0.21	1.46E-01	0.04	3.23E-01	0.04
14	2.19E-01	0.08	0.25	1.31E-01	0.04	3.07E-01	0.04
13	2.03E-01	0.12	0.29	1.15E-01	0.03	2.91E-01	0.04
12	1.87E-01	0.17	0.33	9.93E-02	0.03	2.76E-01	0.04
11	1.72E-01	0.23	0.37	8.37E-02	0.03	2.60E-01	0.03
10	1.56E-01	0.29	0.41	6.80E-02	0.03	2.44E-01	0.03
9	1.41E-01	0.36	0.46	5.24E-02	0.03	2.29E-01	0.02
8	1.25E-01	0.44	0.52	3.68E-02	0.03	2.13E-01	0.02

CORRELATION DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=14
$\alpha = \beta = 0°$ RJJ(0)= 2.0854E-01 RII(0)= 3.9407E-01

L	TAU MSEC	NRJJ (TAU)	NRII (TAU)	+TAU,C MSEC	NRIJ (+TAU,C)	-TAU,C MSEC	NRIJ (-TAU,C)
7	1.09E-01	0.52	0.57	2.12E-02	0.03	1.98E-01	0.02
6	9.37E-02	0.61	0.63	5.55E-03	0.03	1.82E-01	0.02
5	7.81E-02	0.69	0.68	-1.01E-02	0.03	1.66E-01	0.02
4	6.25E-02	0.77	0.73	-2.57E-02	0.03	1.51E-01	0.02
3	4.69E-02	0.84	0.78	-4.13E-02	0.03	1.35E-01	0.02
2	3.12E-02	0.91	0.81	-5.69E-02	0.03	1.19E-01	0.02
1	1.56E-02	0.97	0.91	-7.26E-02	0.03	1.04E-01	0.02
0	0.	1.00	1.00	-8.82E-02	0.03	8.82E-02	0.03

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.=112 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
0.	0.	0.	3.68E-04	9.68E-04	0.25	-0.	0.25	360.00
182.86	9.8	0.27	6.80E-04	1.59E-03	0.18	0.02	0.18	6.47
365.71	19.5	0.54	6.51E-04	1.22E-03	0.06	-0.05	0.07	319.49
548.57	29.3	0.82	6.99E-04	1.47E-03	0.06	-0.03	0.07	329.28
731.43	39.1	1.09	7.64E-04	1.96E-03	0.07	0.07	0.10	44.11
914.29	48.8	1.36	8.39E-04	2.00E-03	-0.00	0.08	0.08	91.48
1097.14	58.6	1.63	7.97E-04	1.48E-03	-0.11	-0.01	0.11	184.59
1280.00	68.4	1.91	7.06E-04	9.53E-04	-0.11	-0.08	0.14	214.51
1462.86	78.1	2.18	6.33E-04	7.08E-04	-0.02	-0.07	0.07	254.79
1645.71	87.9	2.45	5.12E-04	5.43E-04	0.00	-0.06	0.06	271.29
1828.57	97.6	2.72	4.06E-04	4.18E-04	-0.00	0.04	0.04	90.03
2011.43	107.4	3.00	3.34E-04	3.53E-04	0.09	0.21	0.23	65.78
2194.29	117.2	3.27	2.75E-04	2.84E-04	0.12	0.20	0.23	58.48
2377.14	126.9	3.54	2.25E-04	2.17E-04	0.08	0.04	0.09	25.76
2560.00	136.7	3.81	1.98E-04	1.71E-04	0.10	-0.07	0.12	323.20
2742.86	146.5	4.09	1.74E-04	1.44E-04	-0.01	-0.10	0.10	265.82
2925.71	156.2	4.36	1.34E-04	1.47E-04	-0.07	-0.04	0.08	206.68
3108.57	166.0	4.63	1.02E-04	1.60E-04	-0.01	0.02	0.02	115.75
3291.43	175.8	4.90	8.40E-05	1.48E-04	-0.02	-0.00	0.02	191.25
3474.29	185.5	5.18	7.32E-05	1.23E-04	-0.07	-0.02	0.07	194.81
3657.14	195.3	5.45	5.94E-05	1.10E-04	-0.01	-0.06	0.06	265.09
3840.00	205.1	5.72	4.29E-05	9.69E-05	0.07	-0.13	0.14	296.92
4022.86	214.8	5.99	3.98E-05	7.61E-05	0.06	-0.06	0.09	314.99
4205.71	224.6	6.27	4.18E-05	6.26E-05	-0.00	0.07	0.07	90.78
4388.57	234.3	6.54	3.44E-05	5.65E-05	-0.04	0.07	0.08	122.08
4571.43	244.1	6.81	2.57E-05	5.46E-05	-0.04	-0.05	0.07	232.37
4754.29	253.9	7.08	2.29E-05	6.17E-05	-0.08	-0.08	0.12	225.55
4937.14	263.6	7.36	2.32E-05	6.30E-05	-0.12	-0.09	0.15	217.69
5120.00	273.4	7.63	2.29E-05	5.20E-05	-0.09	-0.03	0.09	199.28
5302.86	283.2	7.90	2.05E-05	3.98E-05	0.04	0.07	0.08	62.23
5485.71	292.9	8.17	1.87E-05	3.10E-05	0.15	0.06	0.16	20.69
5668.57	302.7	8.45	1.73E-05	3.00E-05	0.18	0.05	0.19	14.48
5851.43	312.5	8.72	1.35E-05	3.47E-05	0.06	0.04	0.07	35.68
6034.29	322.2	8.99	1.02E-05	3.65E-05	-0.13	0.02	0.13	171.69
6217.14	332.0	9.26	1.01E-05	3.42E-05	-0.15	-0.00	0.15	180.94
6400.00	341.8	9.54	1.08E-05	2.83E-05	-0.08	0.04	0.09	155.89
6582.86	351.5	9.81	1.03E-05	2.48E-05	-0.02	0.03	0.04	125.71
6765.71	361.3	10.08	9.31E-06	2.72E-05	-0.05	-0.03	0.06	207.21
6948.57	371.1	10.35	8.14E-06	2.57E-05	-0.01	-0.02	0.02	245.92
7131.43	380.8	10.63	7.45E-06	2.32E-05	0.09	-0.04	0.10	333.89
7314.29	390.6	10.90	7.86E-06	2.57E-05	0.09	-0.09	0.13	315.53
7497.14	400.3	11.17	8.64E-06	2.72E-05	0.00	-0.03	0.03	277.46

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
7680.00	410.1	11.44	8.73E-06	2.67E-05	-0.00	0.05	0.05	91.08
7862.86	419.9	11.72	7.56E-06	2.76E-05	0.06	0.00	0.06	2.85
8045.71	429.6	11.99	6.05E-06	2.81E-05	-0.01	-0.09	0.09	261.09
8228.57	439.4	12.26	5.41E-06	2.65E-05	-0.09	-0.13	0.15	234.60
8411.43	449.2	12.53	5.06E-06	2.51E-05	-0.03	-0.11	0.11	253.72
8594.29	458.9	12.81	4.81E-06	2.78E-05	-0.02	0.00	0.02	175.67
8777.14	468.7	13.08	4.78E-06	2.98E-05	-0.01	0.09	0.09	94.92
8960.00	478.5	13.35	4.64E-06	2.87E-05	-0.03	0.03	0.04	137.41
9142.86	488.2	13.62	5.03E-06	2.91E-05	-0.14	-0.03	0.14	191.56
9325.71	498.0	13.90	5.44E-06	2.75E-05	-0.17	-0.03	0.17	191.62
9508.57	507.8	14.17	5.10E-06	2.46E-05	-0.07	-0.07	0.10	226.69
9691.43	517.5	14.44	4.48E-06	2.50E-05	0.02	-0.00	0.02	352.54
9874.29	527.3	14.71	4.19E-06	2.75E-05	0.05	0.17	0.18	74.15
0057.14	537.1	14.99	4.45E-06	2.99E-05	0.10	0.19	0.22	61.61
0240.00	546.8	15.26	4.44E-06	3.06E-05	0.11	0.12	0.16	45.99
0422.86	556.6	15.53	4.03E-06	2.86E-05	0.08	0.07	0.11	42.05
0605.71	566.3	15.80	3.94E-06	2.49E-05	0.03	0.02	0.04	33.28
0788.57	576.1	16.07	4.10E-06	2.18E-05	-0.06	-0.00	0.06	184.72
0971.43	585.9	16.35	3.95E-06	2.12E-05	-0.02	0.02	0.03	127.16
1154.29	595.6	16.62	3.58E-06	2.31E-05	0.08	0.03	0.08	18.84
1337.14	605.4	16.89	3.56E-06	2.42E-05	0.03	-0.06	0.07	295.21
1520.00	615.2	17.16	3.48E-06	2.19E-05	-0.08	-0.13	0.15	238.95
1702.86	624.9	17.44	3.14E-06	1.99E-05	-0.06	-0.05	0.08	223.17
1885.71	634.7	17.71	2.92E-06	1.91E-05	-0.11	-0.01	0.11	187.63
2068.57	644.5	17.98	2.67E-06	1.85E-05	-0.24	-0.05	0.25	191.85
2251.43	654.2	18.25	2.50E-06	2.03E-05	-0.14	-0.01	0.14	183.02
2434.29	664.0	18.53	2.37E-06	2.25E-05	-0.00	0.04	0.04	91.91
2617.14	673.8	18.80	2.31E-06	2.11E-05	0.03	0.00	0.03	7.11
2800.00	683.5	19.07	2.44E-06	1.84E-05	0.05	0.02	0.05	23.29
2982.86	693.3	19.34	2.61E-06	1.80E-05	0.10	0.09	0.13	41.69
3165.71	703.0	19.62	2.58E-06	1.78E-05	0.10	0.11	0.14	47.77
3348.57	712.8	19.89	2.57E-06	1.72E-05	0.06	0.11	0.13	63.53
3531.43	722.6	20.16	2.66E-06	1.93E-05	0.09	0.09	0.13	44.51
3714.29	732.3	20.43	2.47E-06	2.07E-05	0.14	0.04	0.15	15.05
3897.14	742.1	20.71	2.42E-06	1.90E-05	0.11	-0.00	0.11	358.08
4080.00	751.9	20.98	2.22E-06	1.85E-05	0.00	-0.04	0.04	274.60
4262.86	761.6	21.25	1.90E-06	1.72E-05	-0.05	-0.04	0.06	214.74
4445.71	771.4	21.52	2.15E-06	1.47E-05	0.07	-0.00	0.07	359.76
4628.57	781.2	21.80	2.30E-06	1.76E-05	0.10	-0.03	0.10	345.63
4811.43	790.9	22.07	1.99E-06	2.06E-05	0.01	0.02	0.02	52.78
4994.29	800.7	22.34	1.69E-06	1.86E-05	0.01	0.09	0.09	82.17
5177.14	810.5	22.61	1.53E-06	1.66E-05	0.06	0.02	0.06	19.64

SPECTRAL DATA

APOLLO/SATURN 5.5 PERCENT
FLUCTUATING PRESSURE TEST

CONFIGURATION - PSTL-2 MACH NO.=1.00 RUN NO.= 112 J=10 I=14
FREQUENCY SCALE FACTORS. MODEL= 8.17 PROTOTYPE= 1.70 REDUCED= 1.00
$\alpha = \beta = 0°$

*******FREQUENCY*******			***********SPECTRA**********				*COHERENCY*	
MODEL	PROTOTYPE	REDUCED	S.F.XSJJ	S.F.XSII	NCIJ	NQIJ	MOD.	PHASE
5360.00	820.2	22.89	1.53E-06	1.52E-05	0.01	-0.09	0.10	278.51
5542.86	830.0	23.16	1.56E-06	1.40E-05	-0.09	-0.05	0.11	207.28
5725.71	839.8	23.43	1.48E-06	1.52E-05	-0.14	0.01	0.14	176.71
5908.57	849.5	23.70	1.44E-06	1.79E-05	-0.12	-0.02	0.12	190.67
6091.43	859.3	23.98	1.39E-06	1.78E-05	-0.07	0.00	0.07	178.28
6274.29	869.0	24.25	1.36E-06	1.57E-05	0.03	0.00	0.03	0.90
6457.14	878.8	24.52	1.44E-06	1.57E-05	0.01	-0.09	0.09	278.27
6640.00	888.6	24.79	1.43E-06	1.58E-05	-0.07	-0.07	0.10	223.52
6822.86	898.3	25.07	1.40E-06	1.59E-05	-0.09	0.07	0.12	142.61
7005.71	908.1	25.34	1.45E-06	1.51E-05	-0.04	0.12	0.13	107.78
7188.57	917.9	25.61	1.42E-06	1.17E-05	0.00	-0.01	0.01	299.39
7371.43	927.6	25.88	1.42E-06	1.04E-05	-0.02	-0.13	0.13	263.26
7554.29	937.4	26.16	1.49E-06	1.30E-05	-0.02	-0.08	0.08	257.49
7737.14	947.2	26.43	1.46E-06	1.59E-05	-0.06	0.02	0.07	163.22
7920.00	956.9	26.70	1.30E-06	1.58E-05	-0.10	0.11	0.15	134.56
8102.86	966.7	26.97	1.08E-06	1.44E-05	-0.13	0.09	0.16	145.08
8285.71	976.5	27.25	1.09E-06	1.51E-05	-0.08	0.05	0.10	151.51
8468.57	986.2	27.52	1.19E-06	1.58E-05	0.05	0.06	0.08	51.95
8651.43	996.0	27.79	1.07E-06	1.50E-05	0.08	0.06	0.10	33.11
8834.29	1005.8	28.06	9.36E-07	1.38E-05	0.05	0.03	0.06	27.15
9017.14	1015.5	28.34	8.39E-07	1.32E-05	0.05	-0.01	0.05	349.82
9200.00	1025.3	28.61	7.71E-07	1.27E-05	-0.02	-0.07	0.07	253.75
9382.86	1035.0	28.88	8.33E-07	1.27E-05	-0.10	-0.07	0.12	214.52
9565.71	1044.8	29.15	1.00E-06	1.23E-05	0.01	0.01	0.01	50.34
9748.57	1054.6	29.43	1.02E-06	1.21E-05	0.12	0.01	0.12	5.18
9931.43	1064.3	29.70	8.73E-07	1.28E-05	0.08	-0.05	0.09	325.10