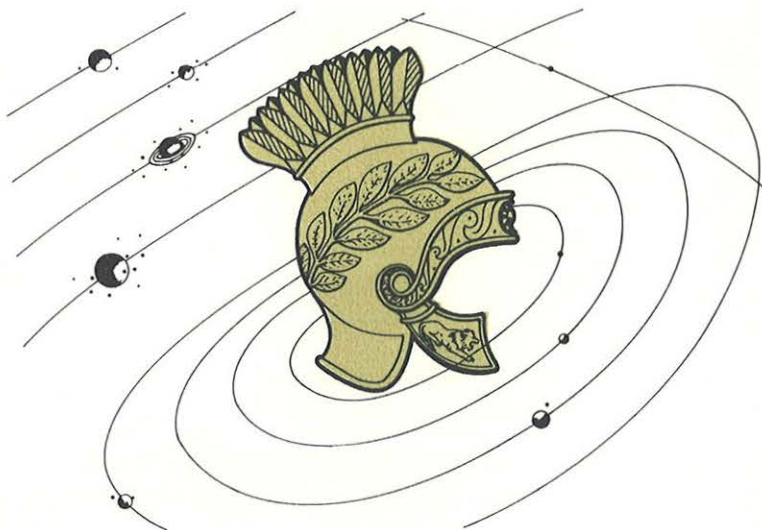


Return to Amos

Ground noise

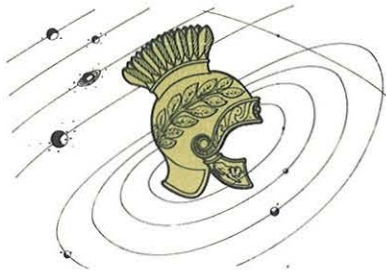


THE APPENDIX

**SENTURION SCIENCES, INC.**

TULSA, U.S.A.

A large, dark, handwritten signature or scribble that starts with a long horizontal line and ends with a vertical line that has a small loop at the top.



# ***SENTURION SCIENCES, INC.***

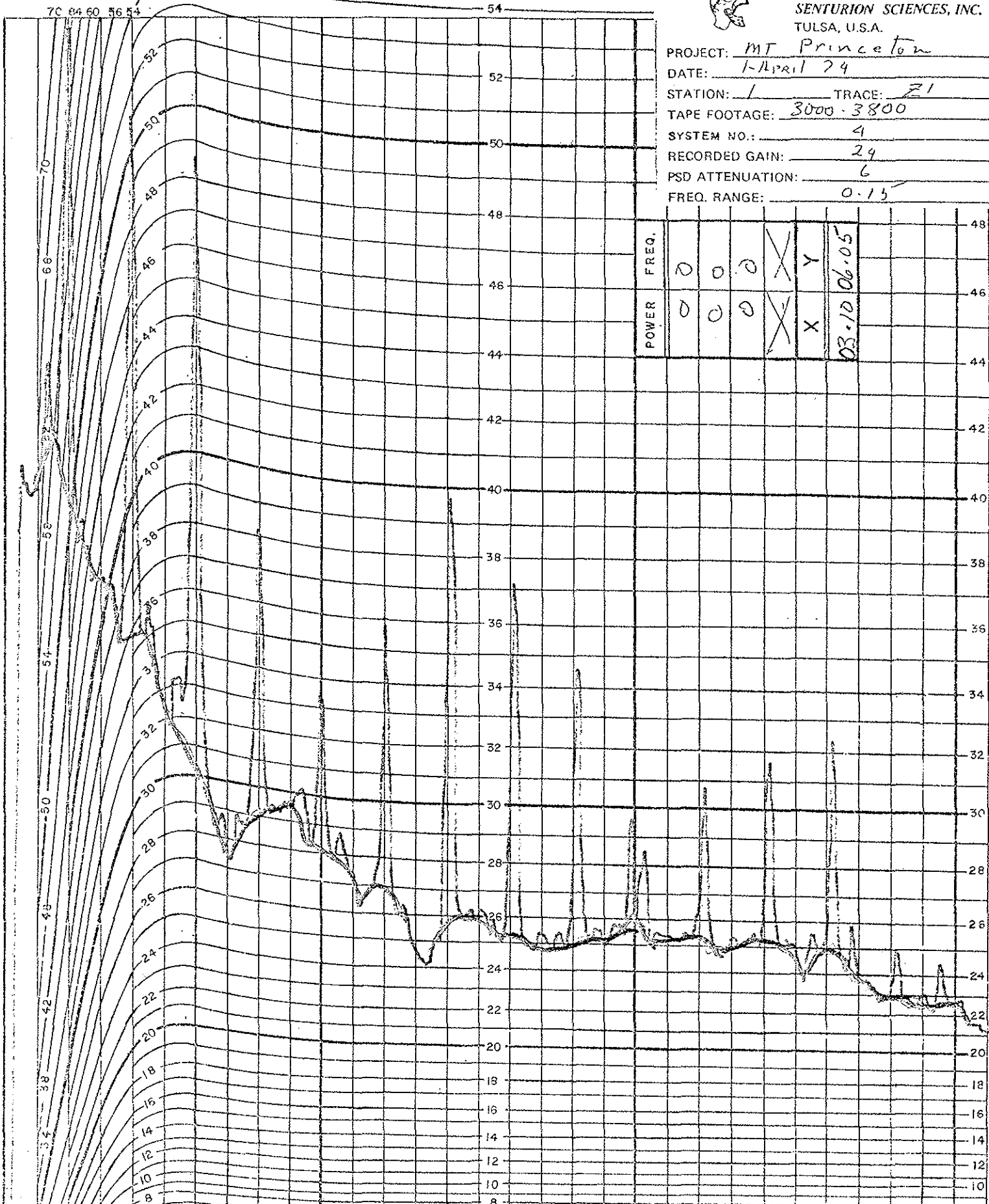
6945 EAST 11TH STREET, TULSA, OKLAHOMA  
P.O. BOX 15447, TULSA, OKLAHOMA 74115  
PHONE (918) 836-6746

*IMAGINEERING for EXPLORATION, ENGINEERING and ENVIRONMENT*



PROJECT: MT Princeton  
 DATE: 1 April 74  
 STATION: 1 TRACE: Z1  
 TAPE FOOTAGE: 3000-3800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 24  
 PSD ATTENUATION: 6  
 FREQ. RANGE: 0.15

RELATIVE JWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	X
X	Y
03.10 06.05	

0001  
 6.2  
 6.21  
 4.11  
 3.75  
 3.20  
 3.17  
 29.4  
 29.0  
 29.1  
 28.0  
 27.0  
 27  
 24.0  
 25.7  
 23.2  
 24.8  
 24  
 25.1  
 26.0  
 25.3  
 25.2  
 25.0  
 25.1  
 24.1  
 25  
 24  
 23  
 22.0  
 22.5





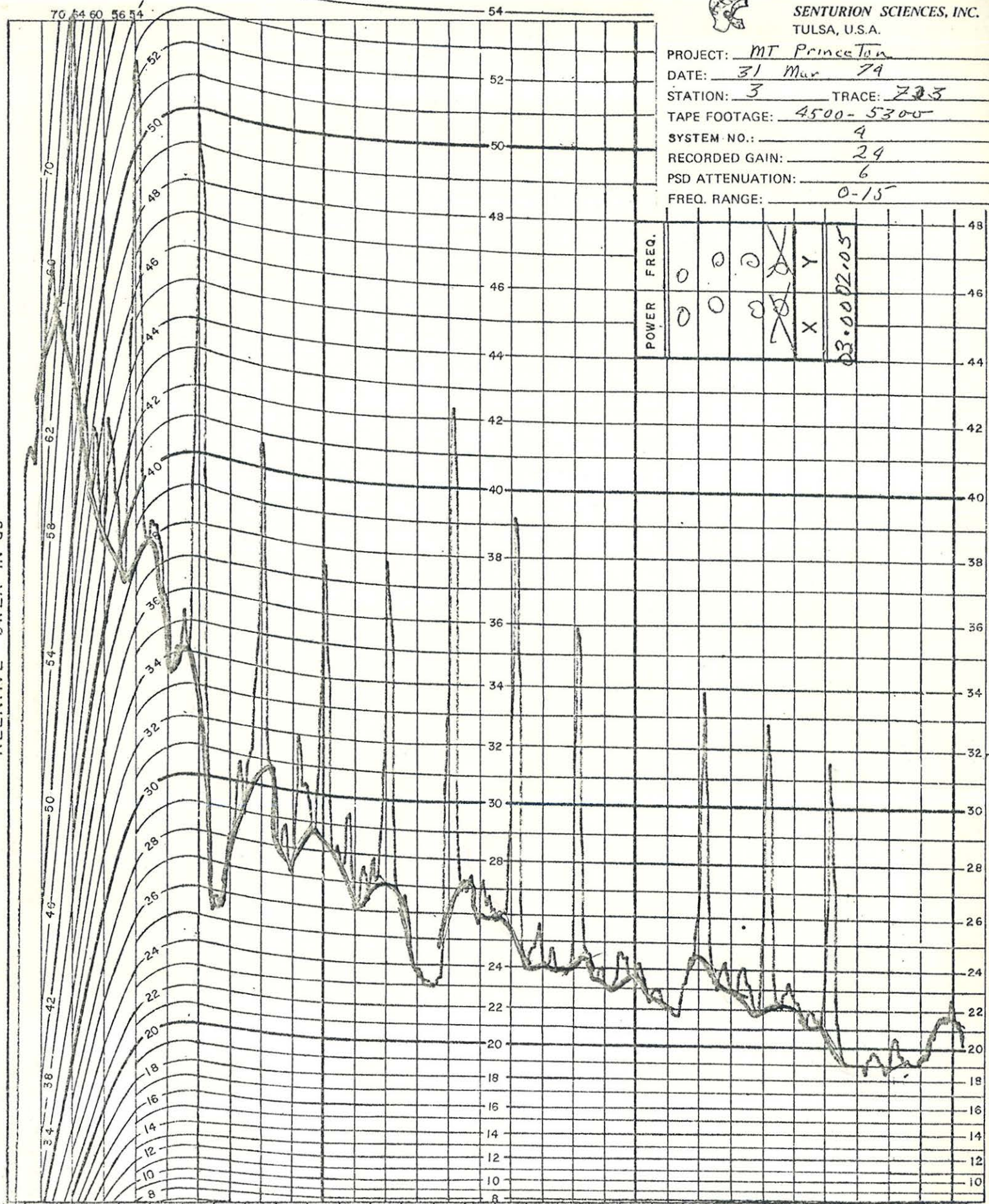




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 31 Mar 74  
 STATION: 3 TRACE: 723  
 TAPE FOOTAGE: 4500-5300  
 SYSTEM NO.: 4  
 RECORDED GAIN: 24  
 PSD ATTENUATION: 6  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
<del>0</del>	<del>0</del>
X	Y
03.0002.05	

0	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15										
000	58	54	43	38	34	30.5	27.5	26.3	27	23.9	26	25.3	24	24	23	23.5	22	24.4	23	22	22	21	19	19	19	21
																HS-10	2000 Ω Absolute									
																FREQUENCY										
																END	CARD									



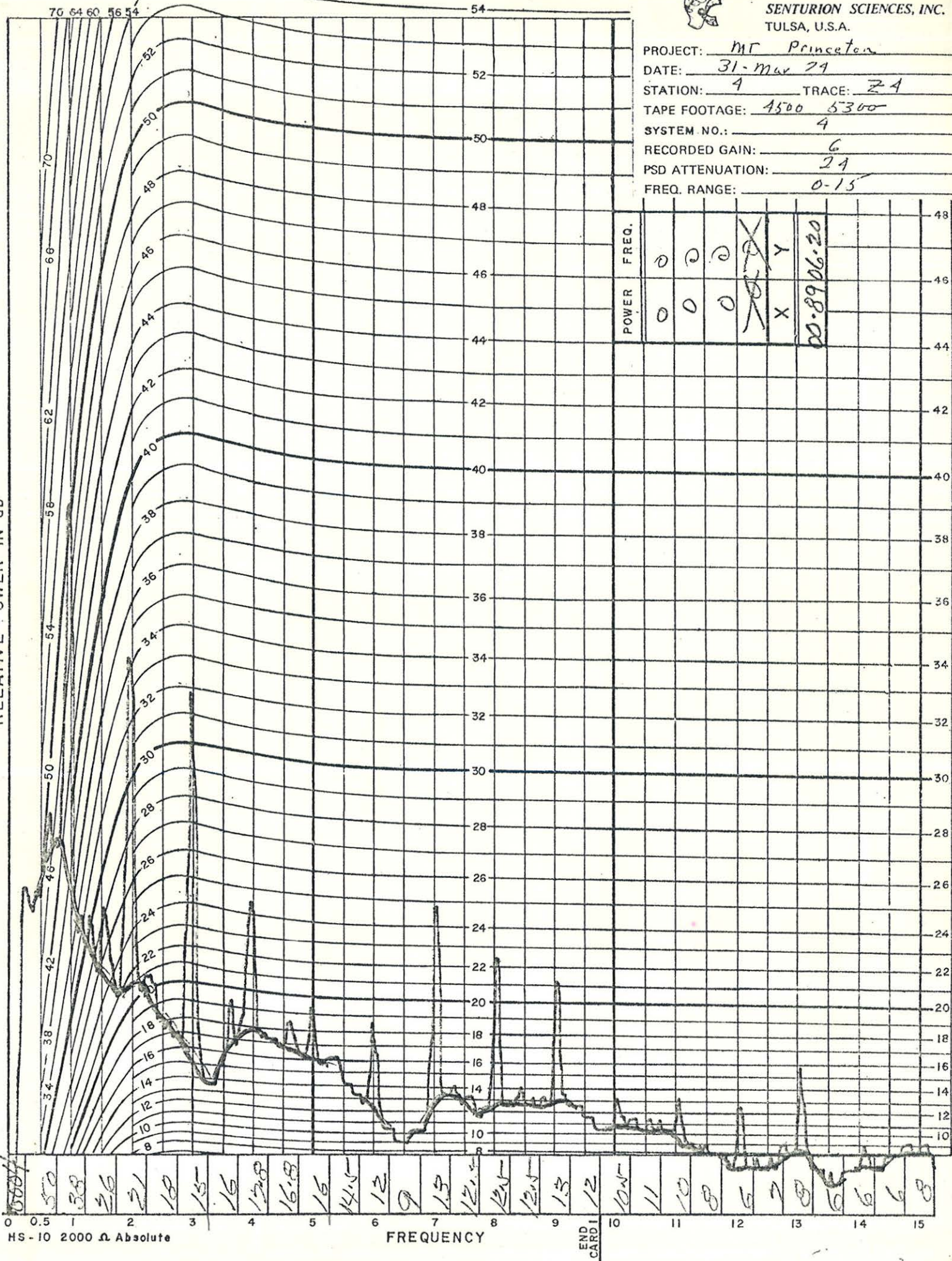
HR



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 31-Mar 79  
 STATION: 4 TRACE: 24  
 TAPE FOOTAGE: 1500 5360  
 SYSTEM NO.: 4  
 RECORDED GAIN: 6  
 PSD ATTENUATION: 24  
 FREQ. RANGE: 0-15

RELATIVE JWER IN db



HS-10 2000 Ω Absolute

FREQUENCY

END CARDI

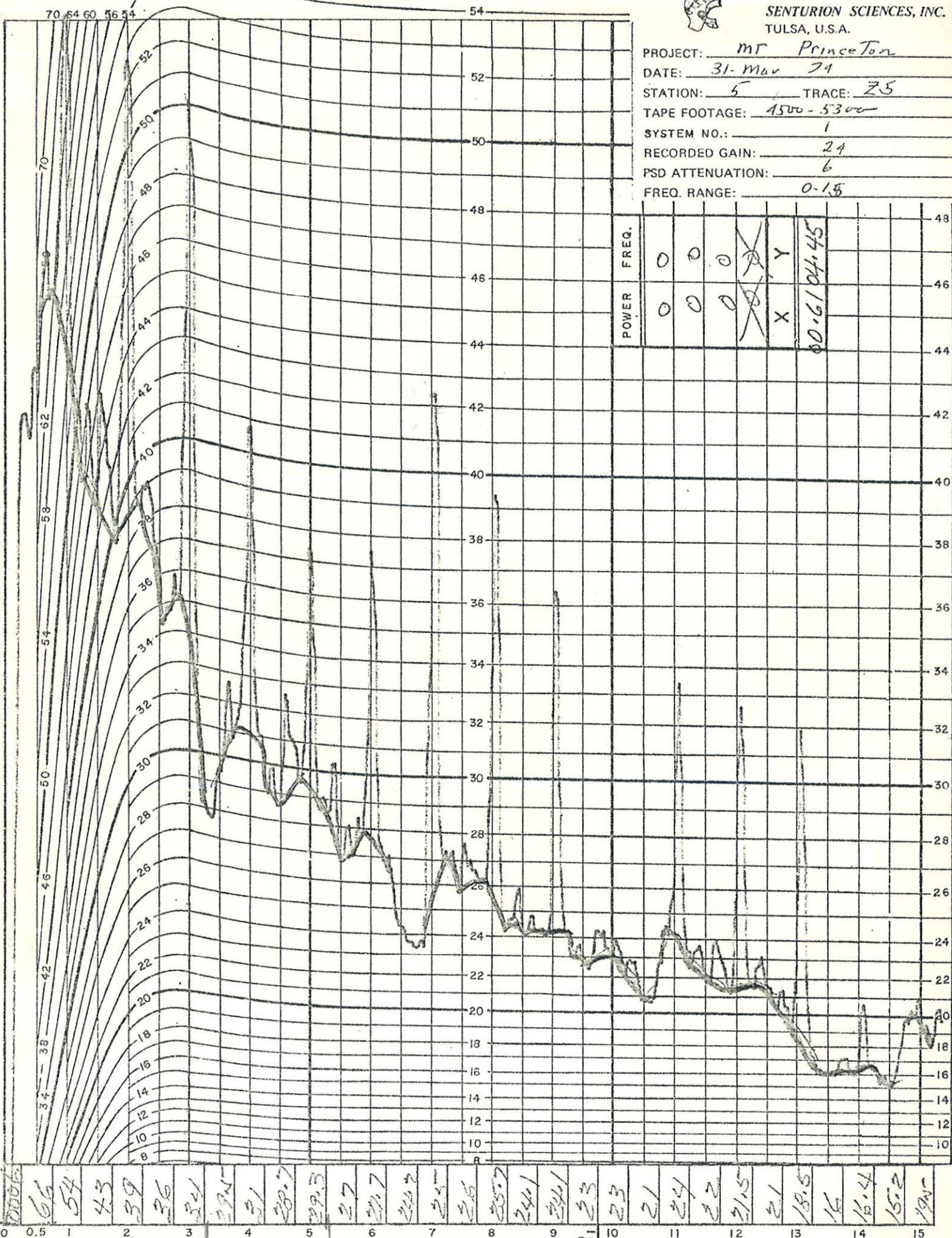




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 31-Mar 74  
 STATION: 5 TRACE: Z5  
 TAPE FOOTAGE: 1500-5300  
 SYSTEM NO.: 1  
 RECORDED GAIN: 21  
 PSD ATTENUATION: 6  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	Y
X	Y
00.6104.45	

HS-10 2000 Ω Absolute

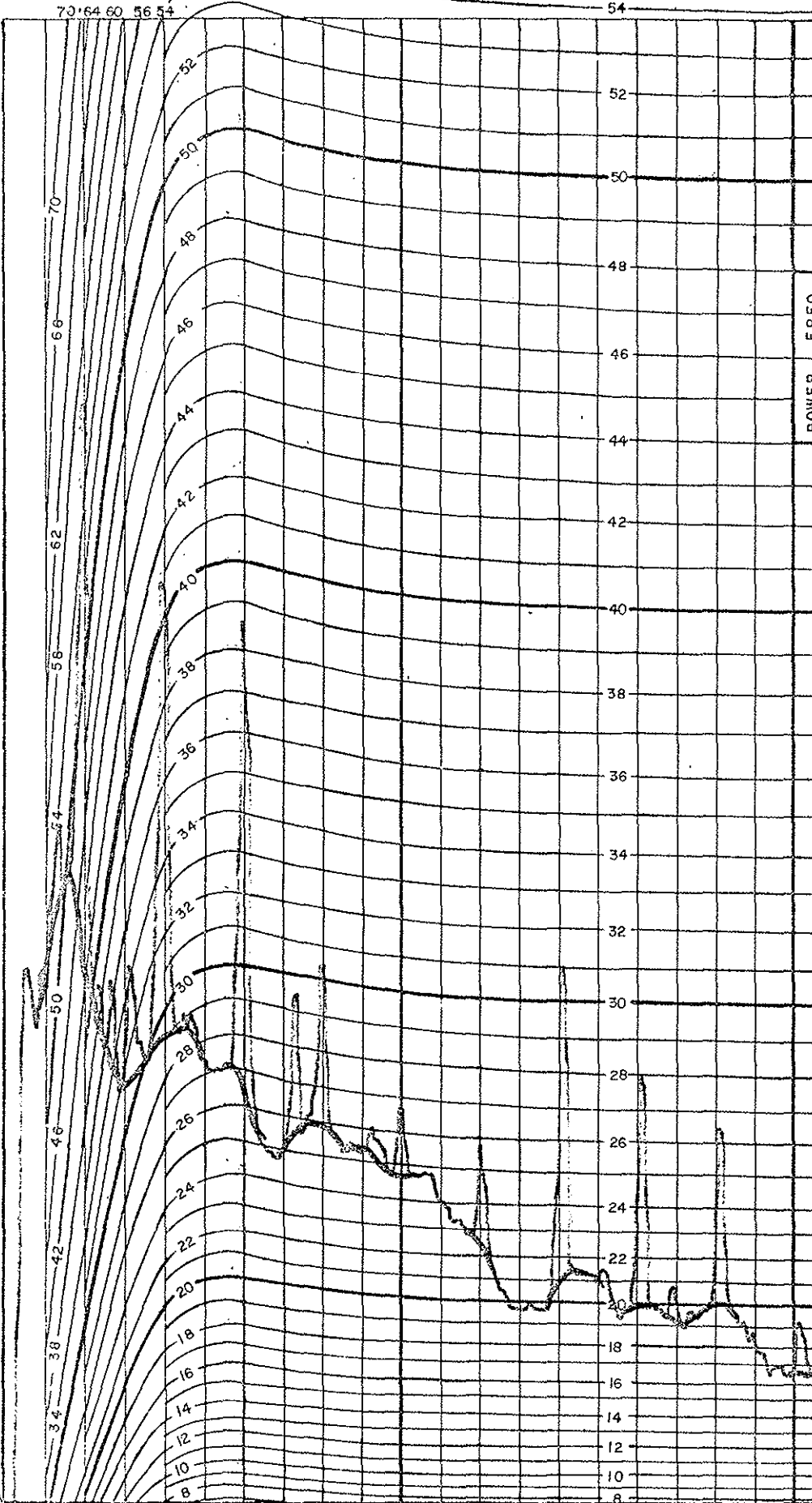
FREQUENCY

END CARD



PROJECT: MT Princeton  
 DATE: 31 Mar 79  
 STATION: 6 TRACE: Z6  
 TAPE FOOTAGE: 1300.5300  
 SYSTEM NO.: 4  
 RECORDED GAIN: 6  
 PSD ATTENUATION: 29  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



0	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15														
0.001	5.4	4.2	3.2	2.9	2.3	2.3	2.5	2.6	2.5.3	2.4.7	2.4	2.2.2	1.9.8	2.1	2.1	2.0	1.9	2.0	1.8	1.6.5	1.6.5	1.7	1.4	1.2.5	1.1.5	1.1.5	9	9	10	10.5

HS-10 2000  $\Omega$  Absolute

FREQUENCY

END CARD 18

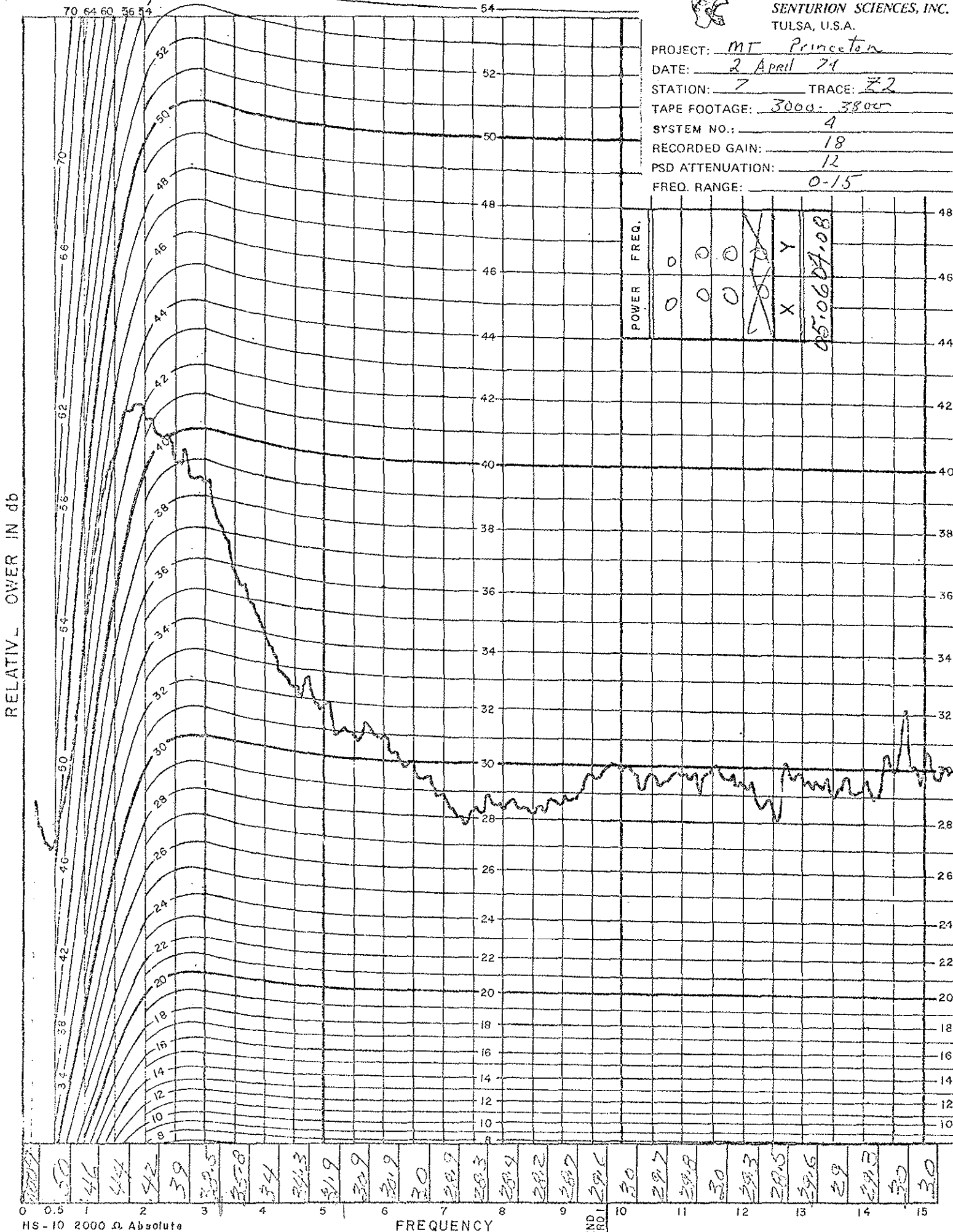
POWER	FREQ.
0	0
0	0
0	0
X	Y
00.98807.20	





SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 2 April 74  
 STATION: 7 TRACE: Z2  
 TAPE FOOTAGE: 3000-3800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 18  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0-15



RELATIVE POWER IN db

HS-10 2000 Ω Absolute

FREQUENCY

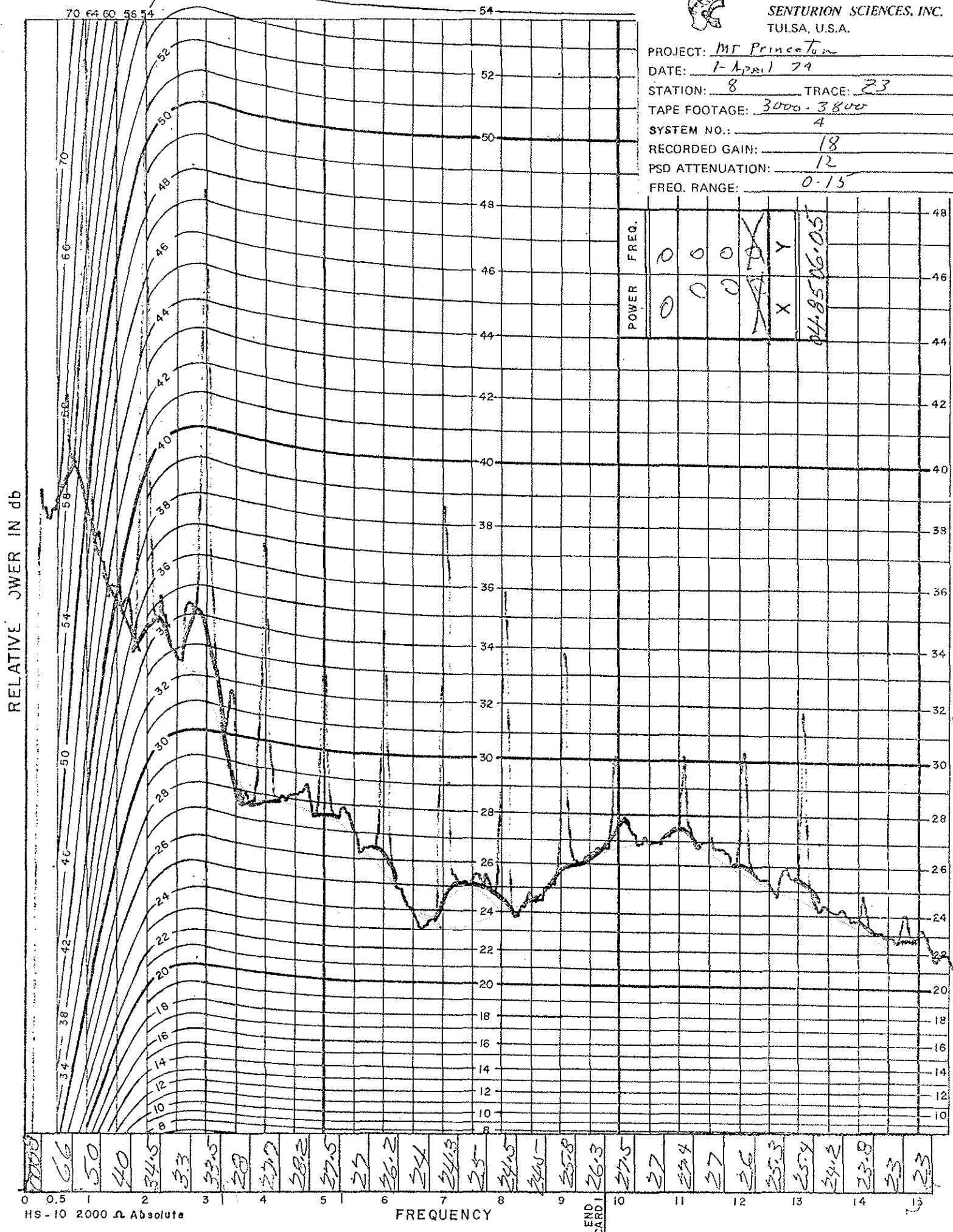
END CARD

50 46 44 42 39 39.5 35.8 34 34.3 31.9 30.9 30.9 30 29.9 29.3 28.9 28.2 28.7 29.6 30 29.7 29.9 30 29.3 29.5 29.6 29 29.3 30 30



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 1 April 79  
 STATION: 8 TRACE: 23  
 TAPE FOOTAGE: 3000-3800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 18  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0-15

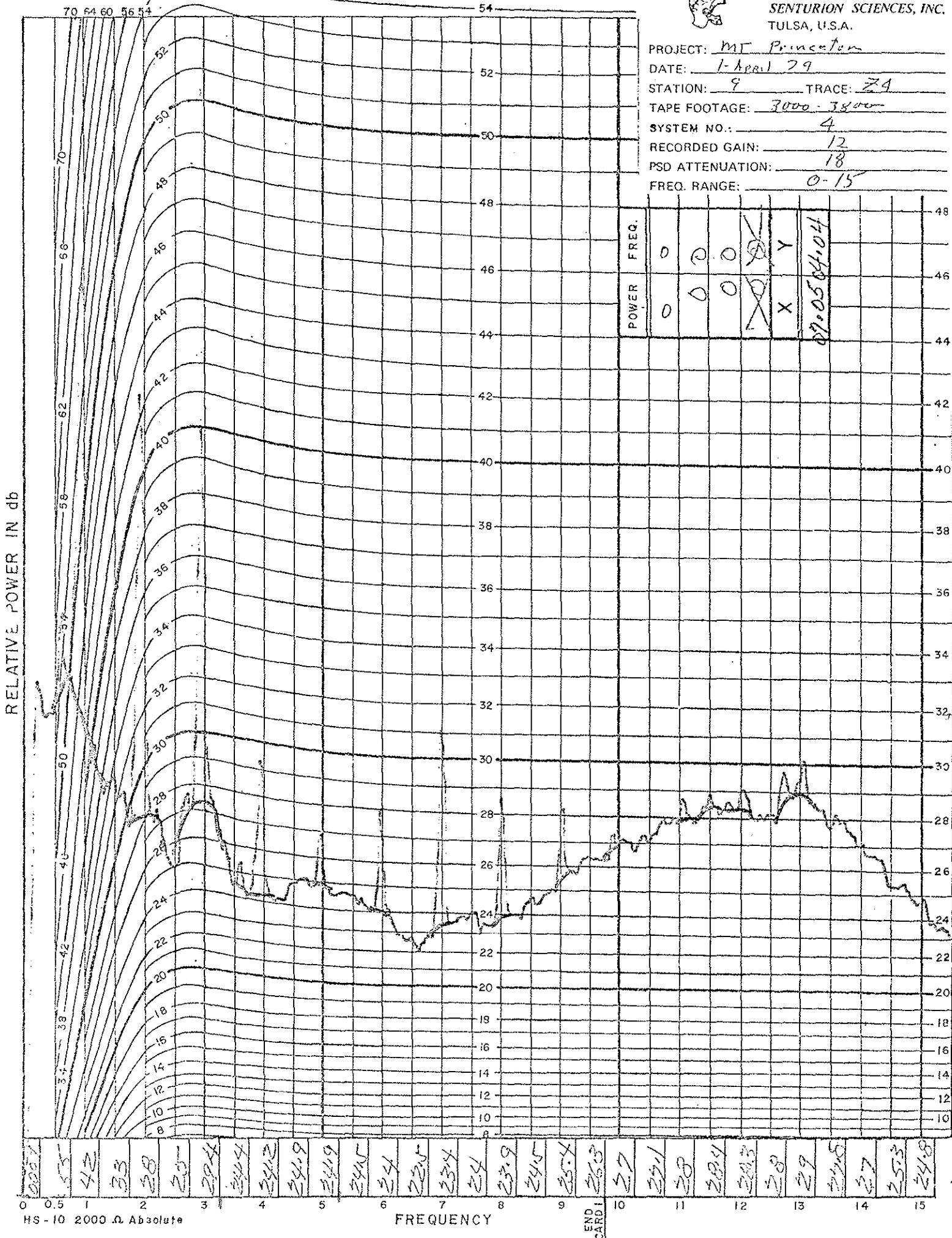






SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 1-April 79  
 STATION: 9 TRACE: Z4  
 TAPE FOOTAGE: 3000-3800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15

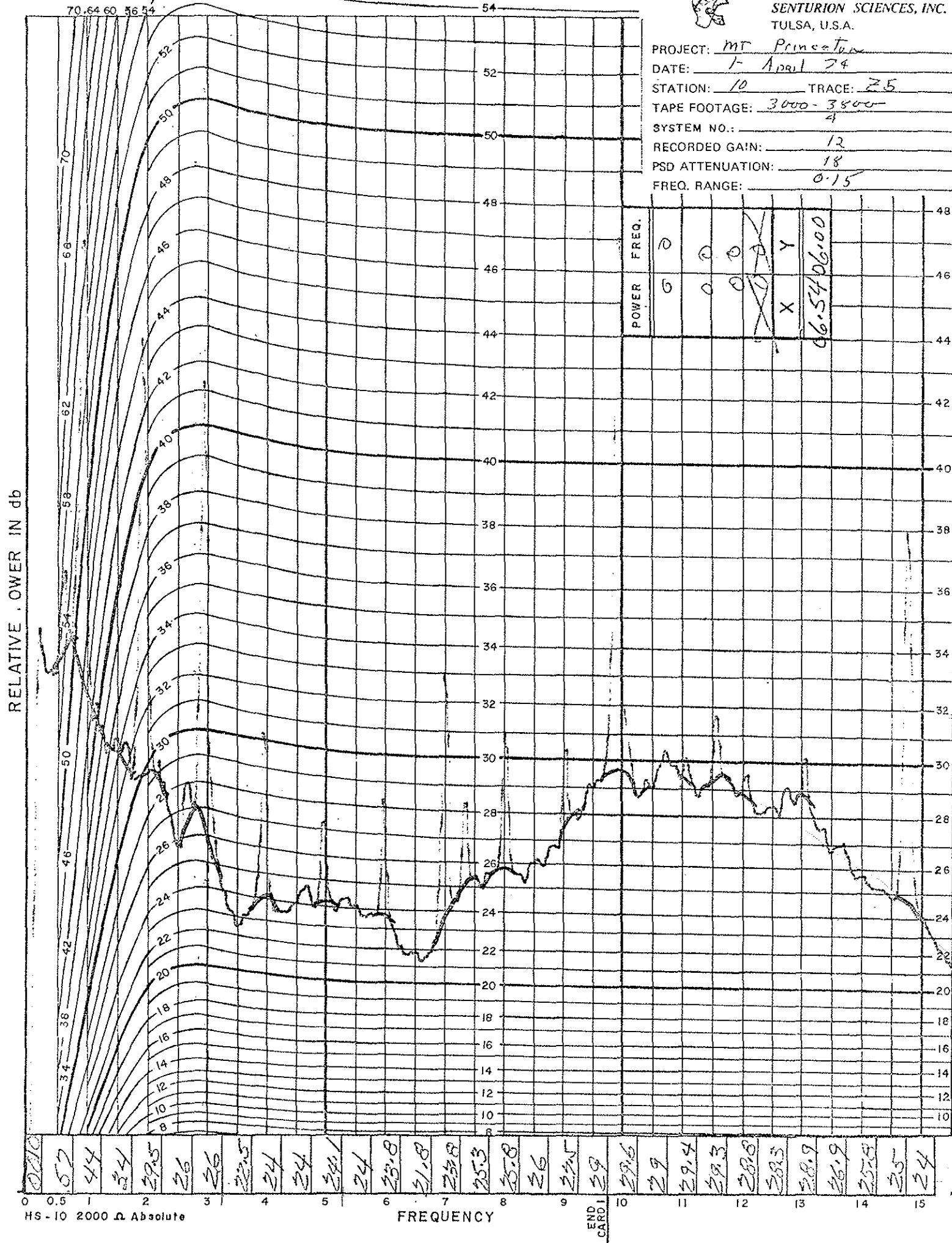


110



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 1 April 74  
 STATION: 10 TRACE: 25  
 TAPE FOOTAGE: 3000-3800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0.15



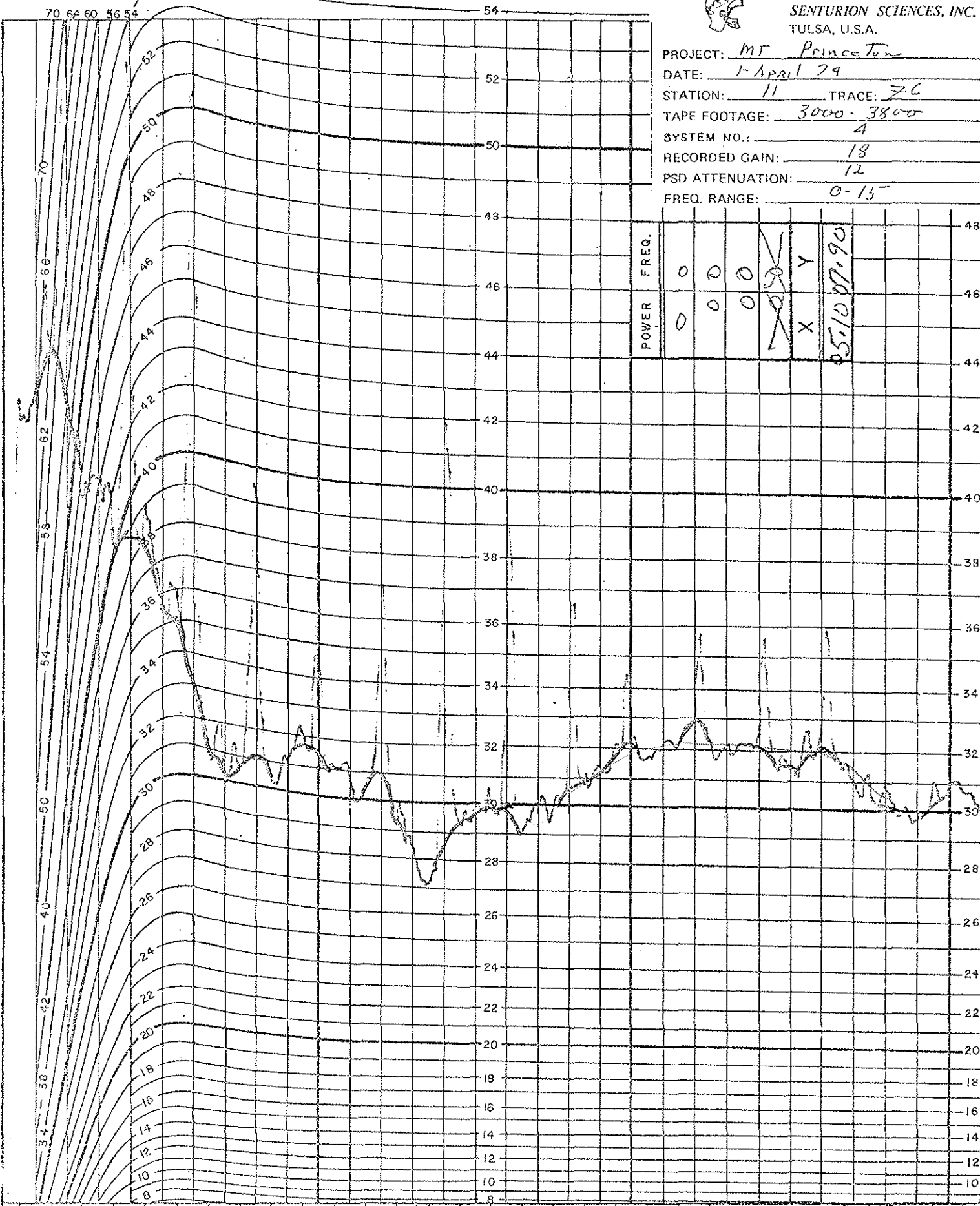




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 1 April 79  
 STATION: 11 TRACE: 76  
 TAPE FOOTAGE: 3000-3800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 18  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	X
Y	Y
05-1007-90	

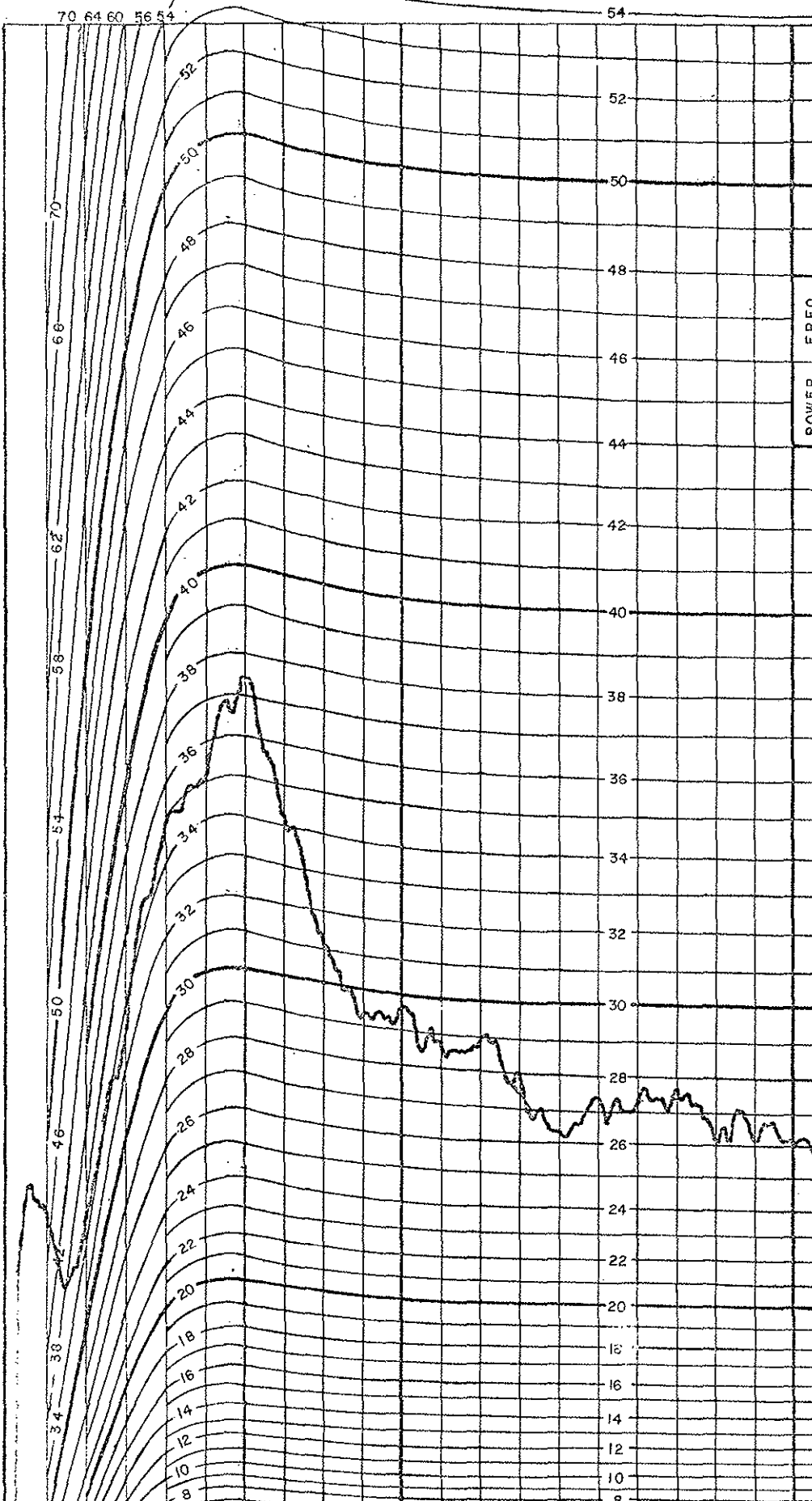
0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
 HS-10 2000 Ω Absolute  
 FREQUENCY  
 END CARD 1

66  
64  
46  
49  
33.5  
33  
30.2  
33  
33.2  
33.5  
31  
31  
28.4  
28.7  
29.7  
29.7  
30  
30.6  
31.2  
32  
32.2  
32.9  
32  
32  
31.4  
32  
33  
30.1  
29.9  
31



PROJECT: MT Princeton  
 DATE: 2 April 74  
 STATION: 12 TRACE: 73  
 TAPE FOOTAGE: 3000-3800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
<del>0</del>	<del>0</del>
X	Y
	19.0007.91

0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

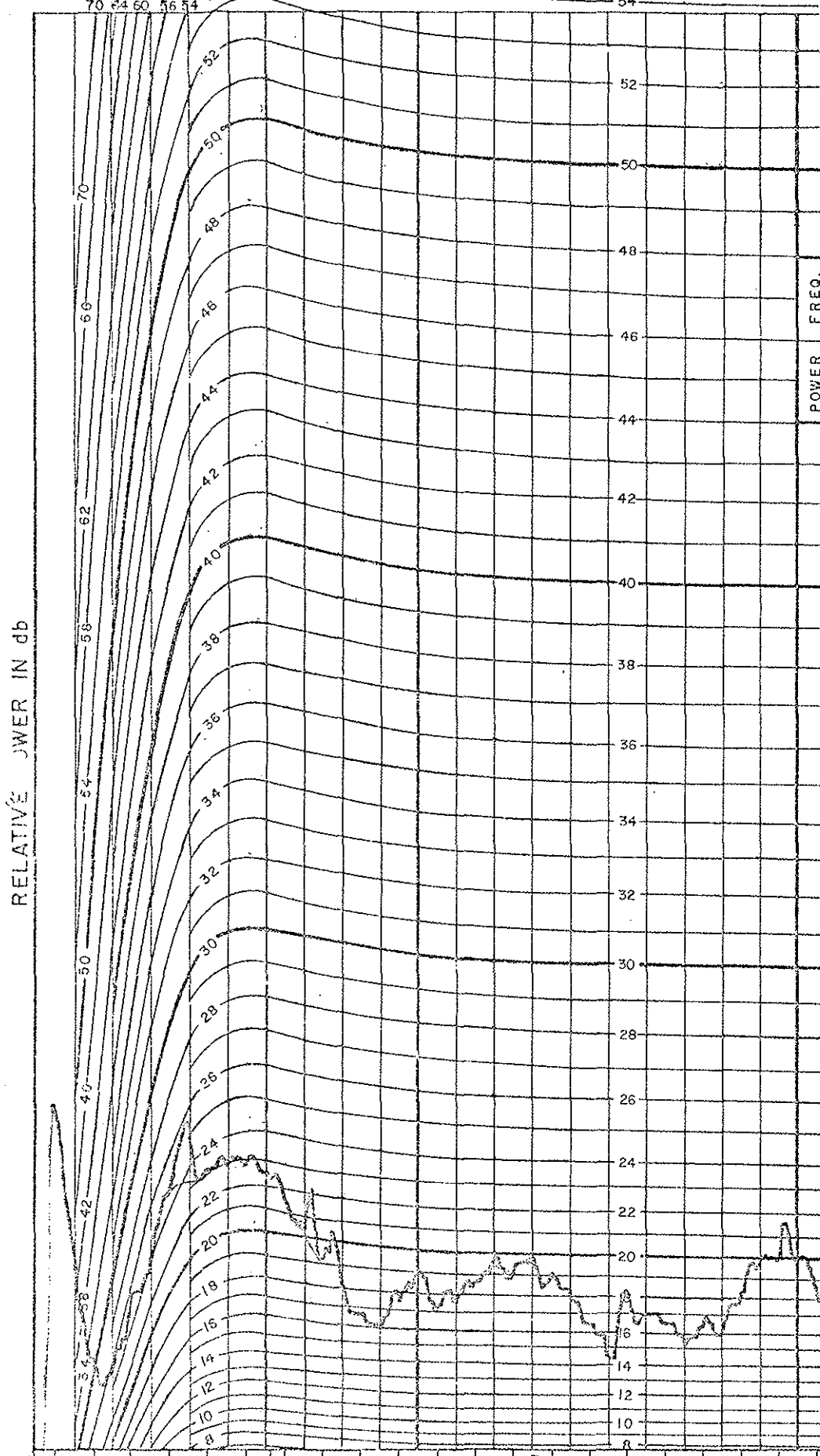
47 35 34 35 35.2 33 34 31 29.2 29.6 28.7 28.9 27.5 26.2 27.4 27.3 27.5 26.1 26.1 26.1 26.3 24.9 24.6 24.5 24 22.2 24 23.3





SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 2 APRIL 79  
 STATION: 13 TRACE: Z6  
 TAPE FOOTAGE: 4000-4800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15



POWER	FREQ.
0	0
0	0
0	0
X	Y
091048005	

HS-10 2000  $\Omega$  Absolute

FREQUENCY

END CARD 1

10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0

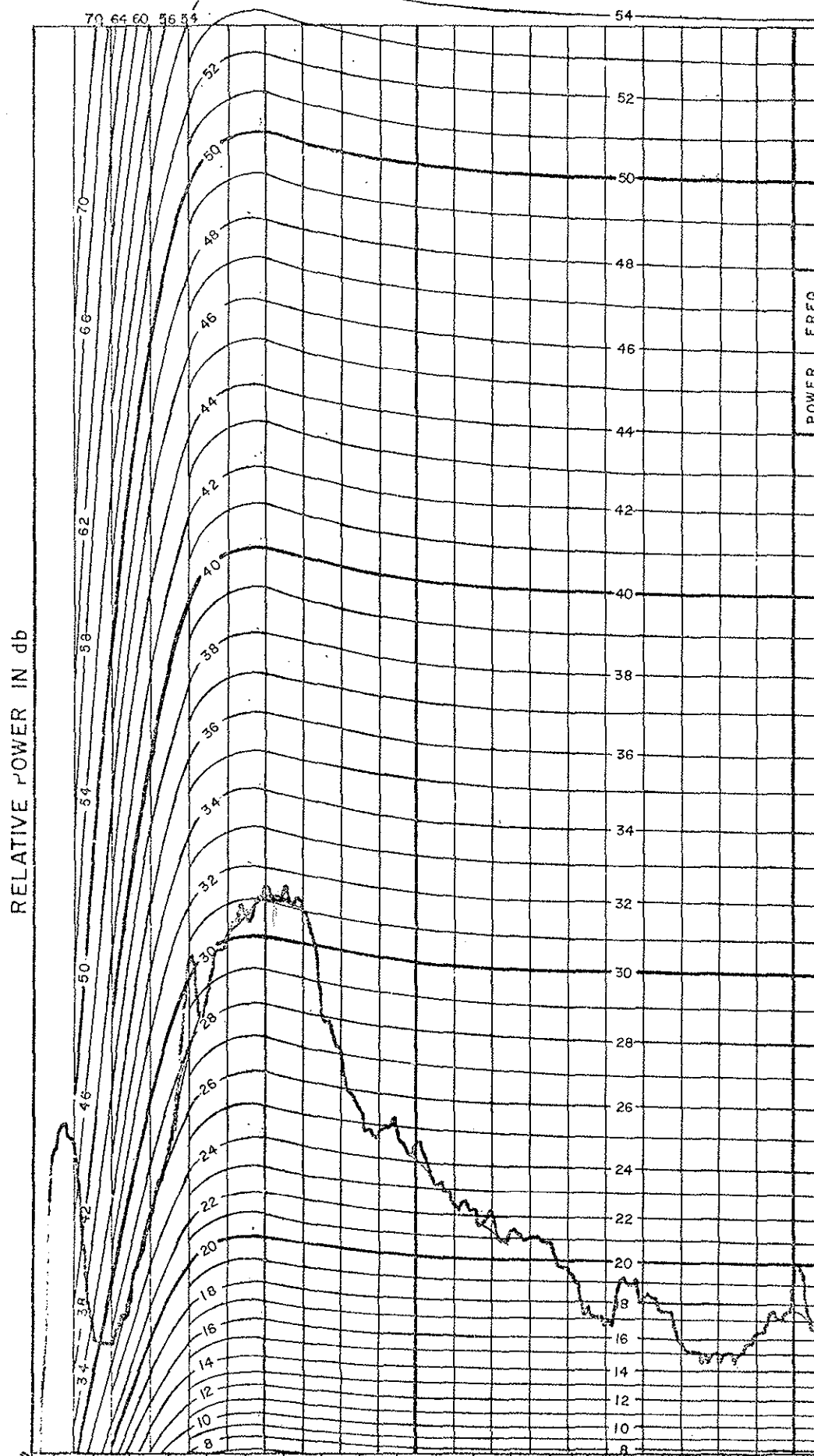
10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0

10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 3 April 79  
 STATION: 19 TRACE: 26  
 TAPE FOOTAGE: 4000-4800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 13  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0.15



POWER	FREQ.
33.3	3.2
0	0
0	0
X	X
X	Y
0	8.9008.07

48  
28  
26  
28  
30  
31  
31  
27  
24.9  
24  
22.3  
21.2  
21  
19.5  
17  
18.1  
15.9  
15  
16.3  
17.5  
16.9  
17  
16.6  
16  
15  
16  
14.5  
14  
13  
11

HS-10 2000 Ω Absolute

FREQUENCY

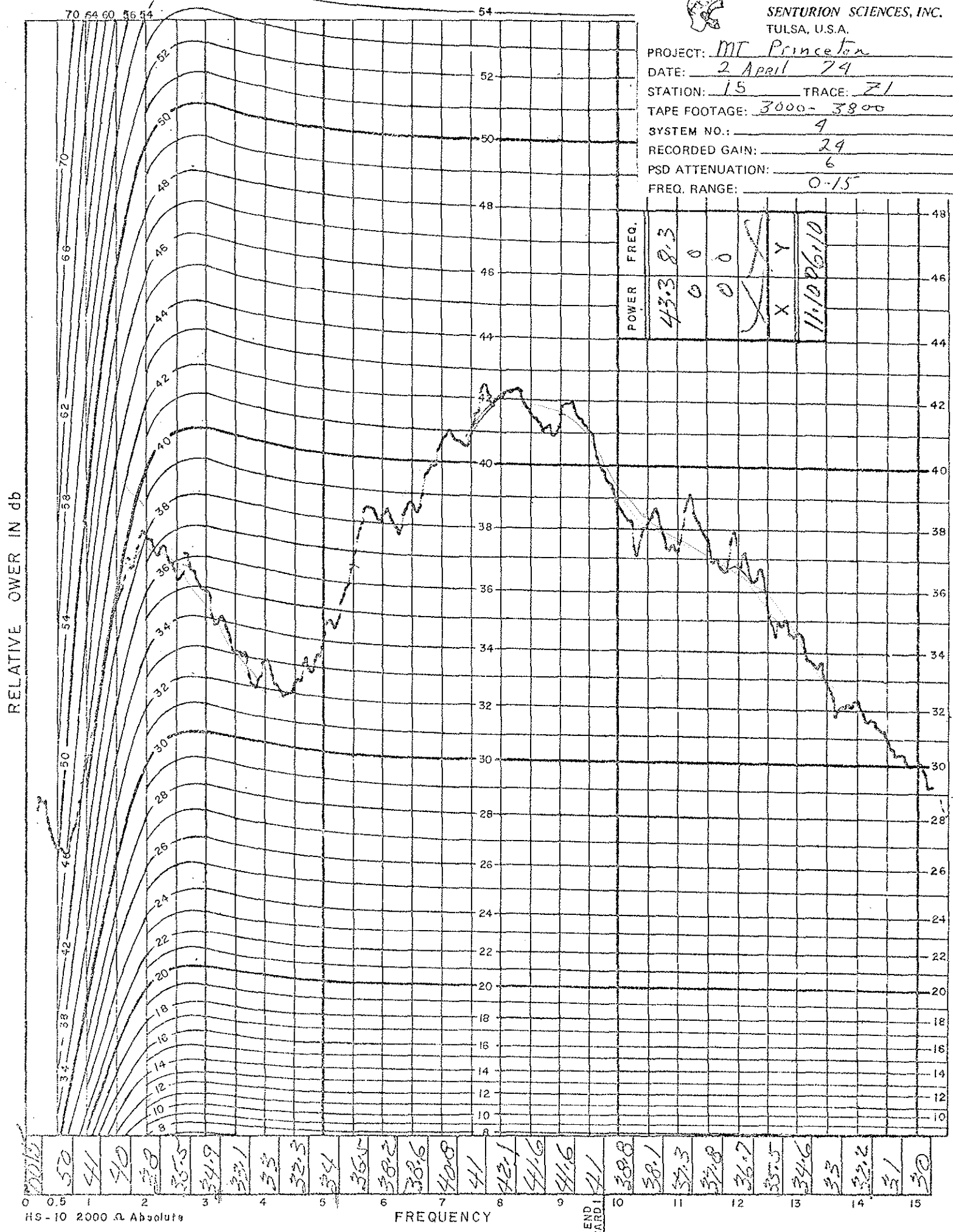
END CARD 1





SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 2 April 79  
 STATION: 15 TRACE: 71  
 TAPE FOOTAGE: 3000-3800  
 SYSTEM NO.: 9  
 RECORDED GAIN: 29  
 PSD ATTENUATION: 6  
 FREQ. RANGE: 0-15



HS-10 2000 Ω Absolute

FREQUENCY

END CARD 1

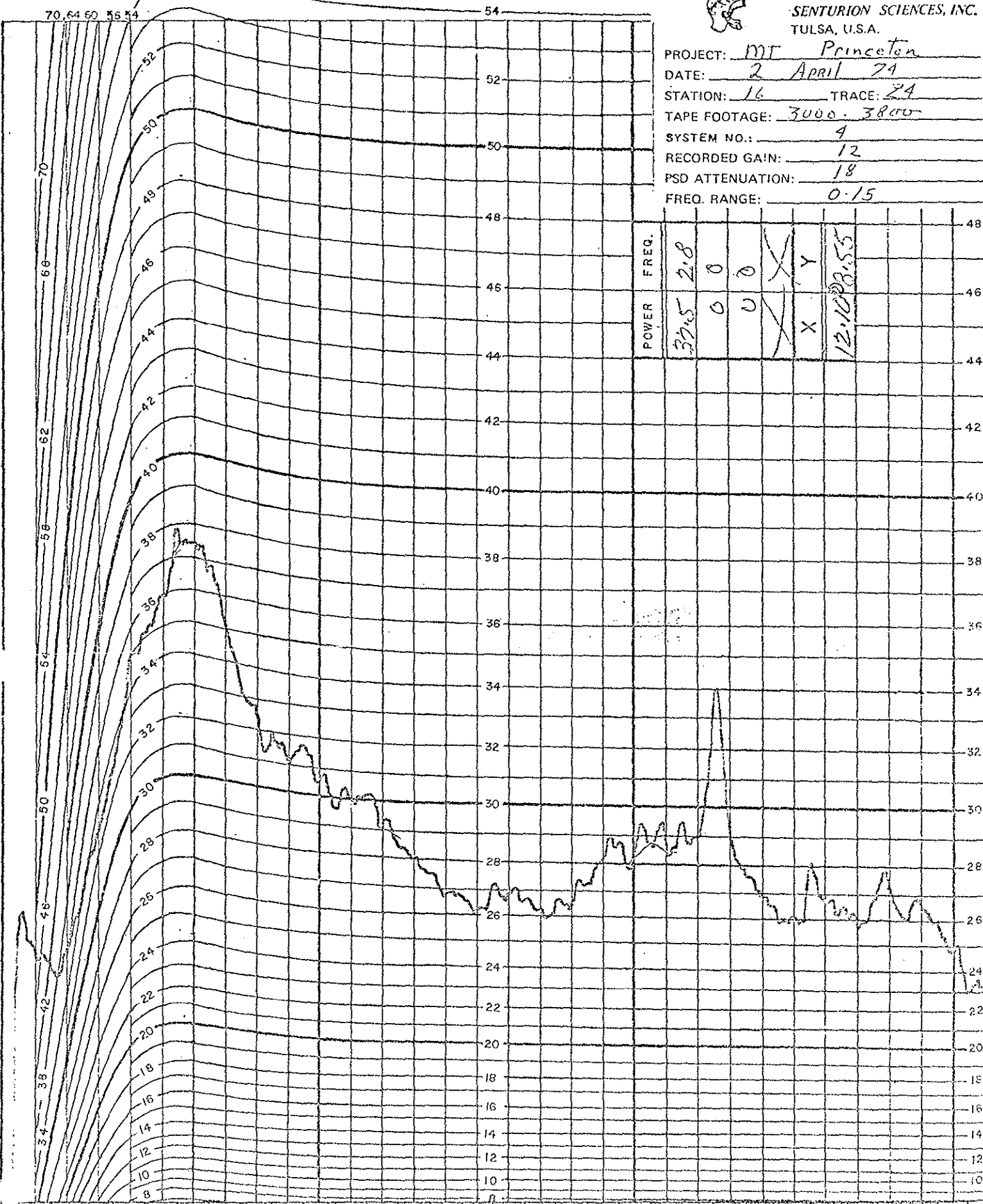
0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

50 41 40 38 36.5 34.9 33.1 33 32.3 34 36.5 38.2 38.6 40.8 41 42.1 41.6 41.6 41 38.8 38.1 37.3 37.8 36.7 35.5 34.6 33 32.2 31 30



PROJECT: MT Princeton  
 DATE: 2 April 71  
 STATION: 16 TRACE: 24  
 TAPE FOOTAGE: 3000 - 3800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
37.5	2.8
0	0
0	0
X	X
X	Y
	12.10 28.55

0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

HS-10 2000 Ω Absolute

FREQUENCY

END CARD 1 23

34.8  
35.6  
35.3  
35.5  
36  
37.4  
35.5  
32.5  
31.2  
30.6  
30  
29  
28  
26.9  
26.2  
26.2  
26.4  
29.3  
28.9  
29  
29  
27  
26  
26.8  
26  
27.2  
26.5  
26.9

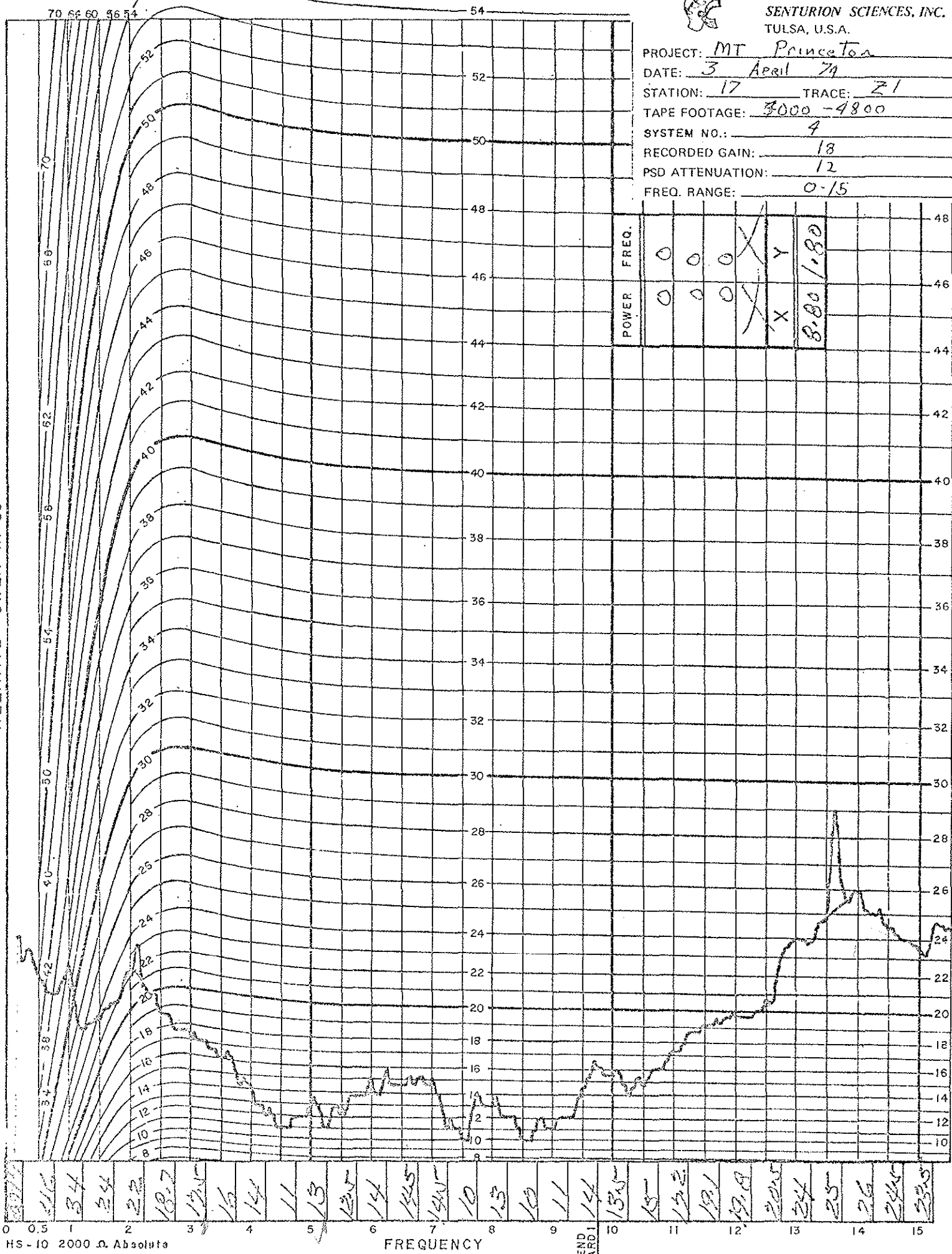




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 3 April 79  
 STATION: 17 TRACE: Z1  
 TAPE FOOTAGE: 3000-4800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 18  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



HS-10 2000 Ω Absolute

FREQUENCY

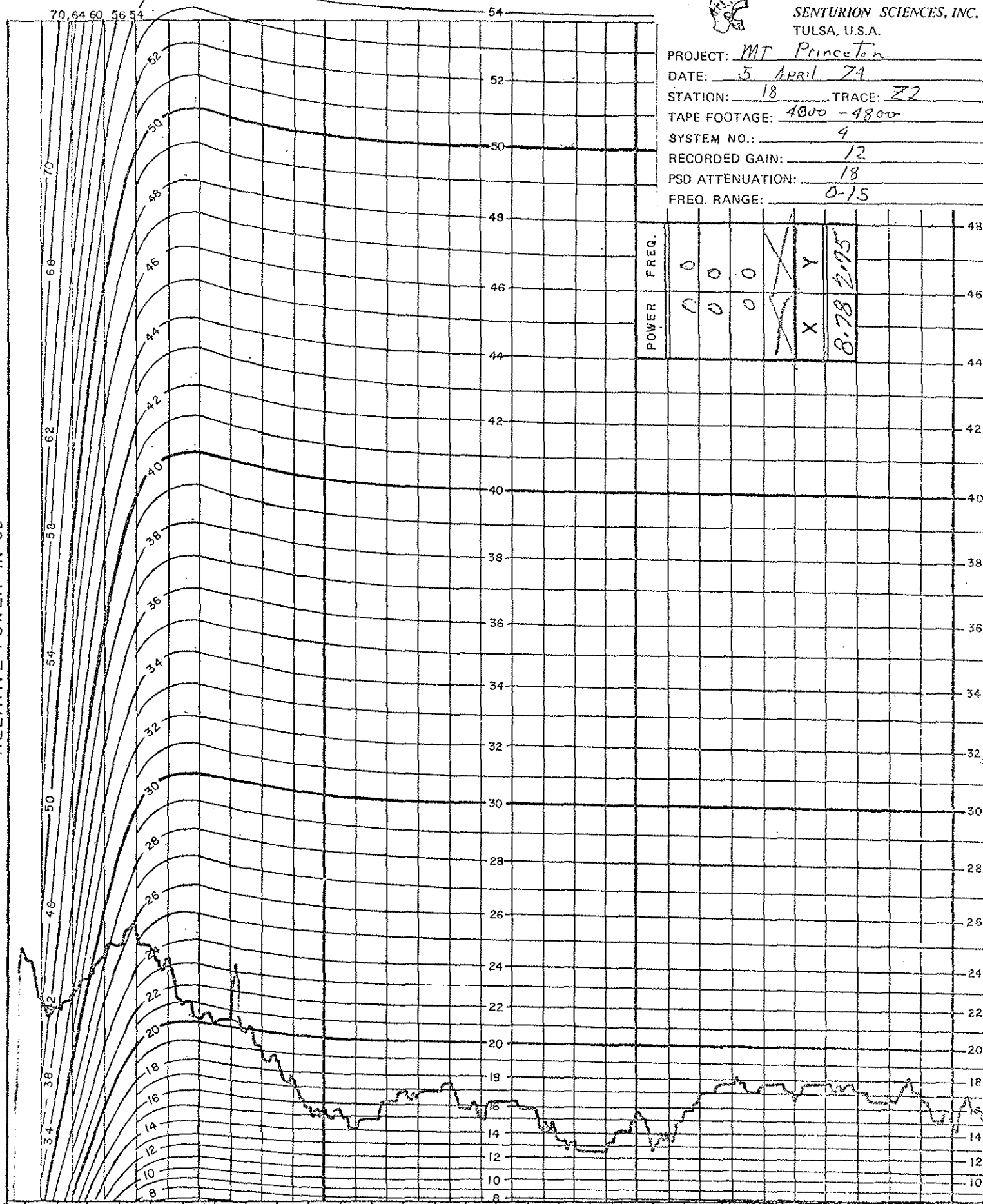
END CARD 1



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 5 April 79  
 STATION: 18 TRACE: Z2  
 TAPE FOOTAGE: 4000 - 4800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	X
X	Y
8.78 2.75	

HS-10 2000 Ω Absolute

FREQUENCY

END CARD 1

0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70

20.2 20.3 19 17 15 14 16.1 16.9 19.2 15 16.2 14.2 13 12.5 15 13.5 19 12.8 12.8 17 17.8 17 16.4 19 15

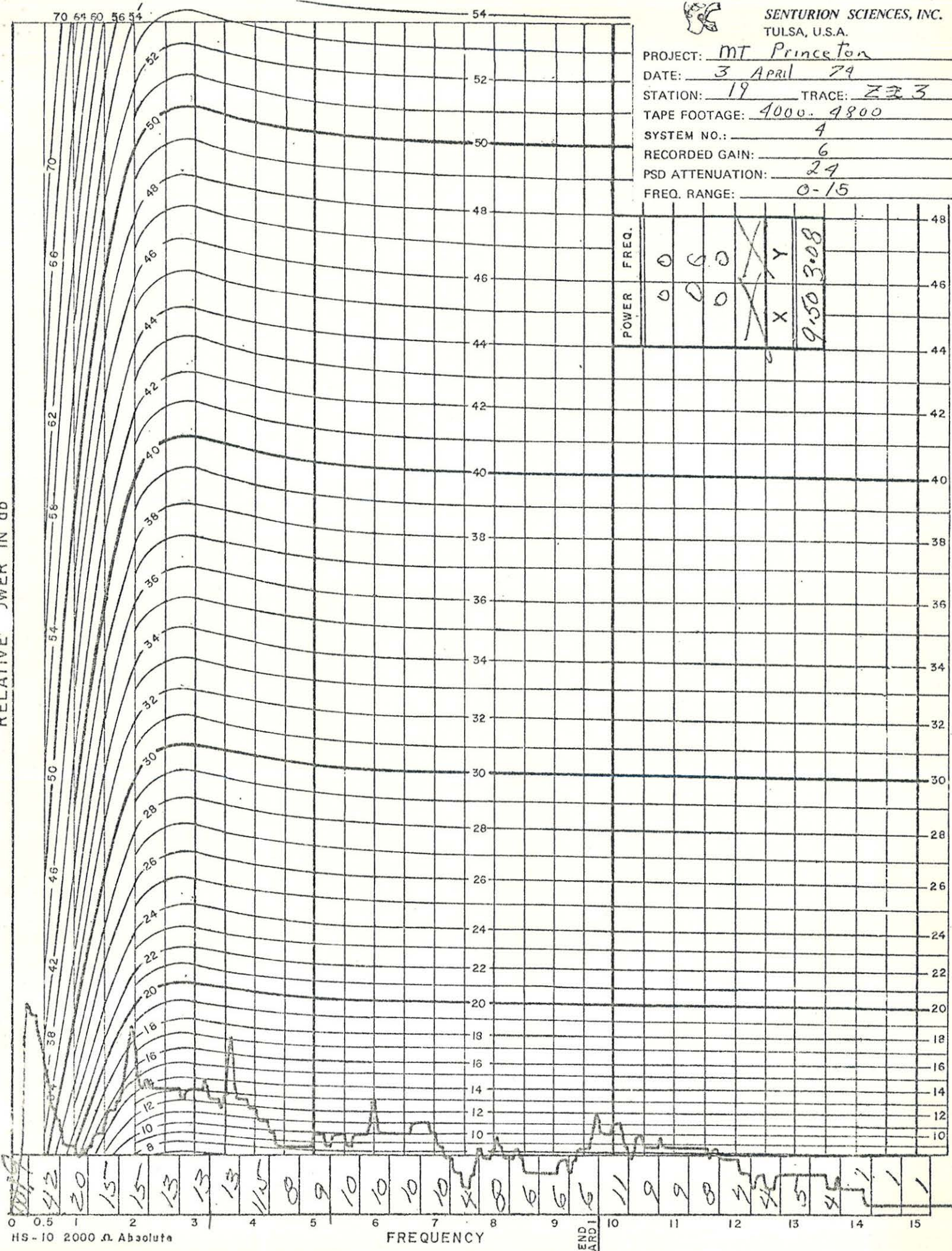




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 3 April 79  
 STATION: 19 TRACE: Z33  
 TAPE FOOTAGE: 4000-4800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 6  
 PSD ATTENUATION: 24  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	Y
9.50 3.08	

HS-10 2000 Ω Absolute

FREQUENCY

END CARD 1

42 20 15 15 13 13 13 11.5 8 9 10 10 10 10 8 6 6 6 11 9 9 8 4 4 5 4 1 1

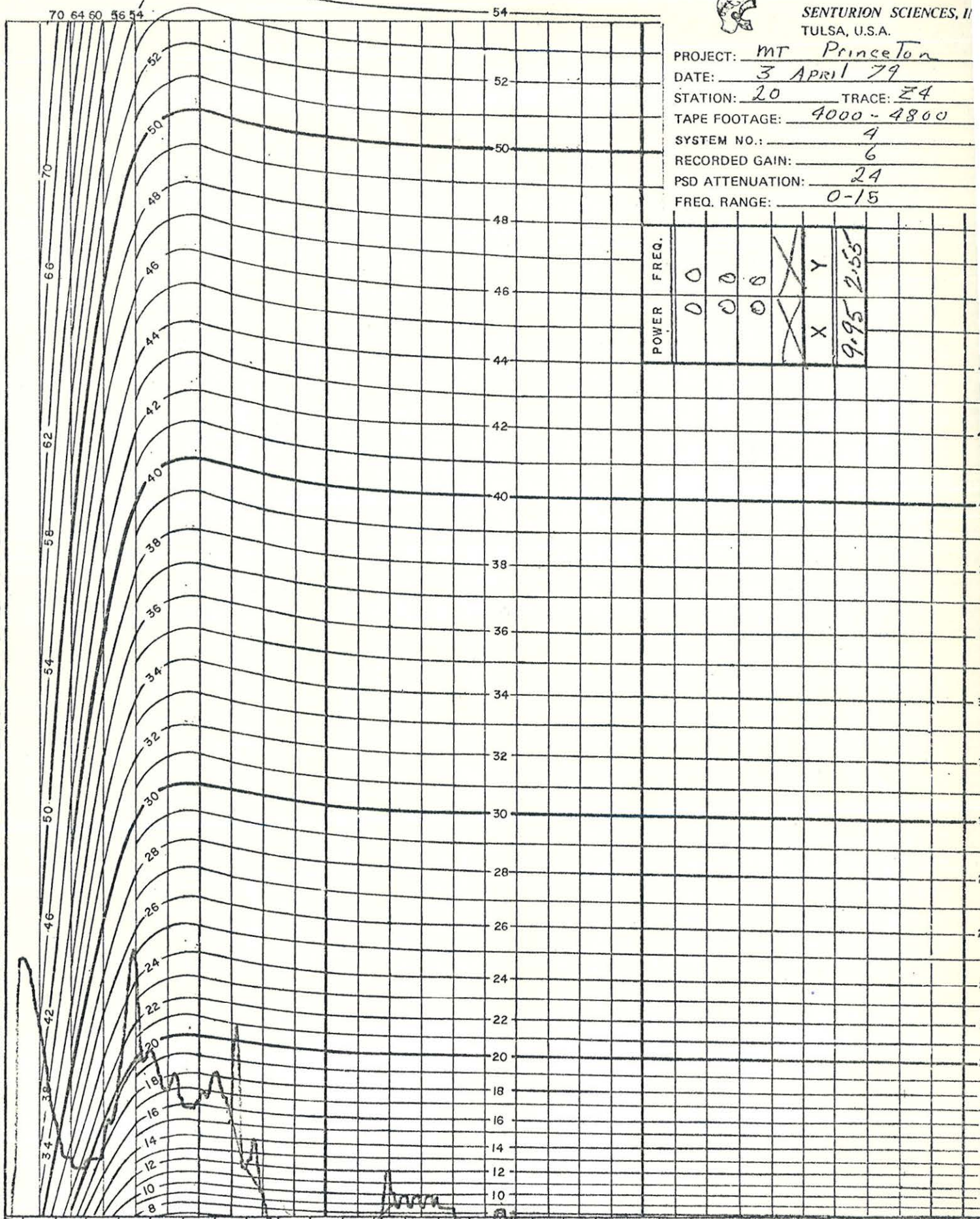




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 3 April 79  
 STATION: 20 TRACE: Z4  
 TAPE FOOTAGE: 4000 - 4800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 6  
 PSD ATTENUATION: 24  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	Y
X	Y
9.95 2.55	

0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

46 24 19 20 17 16 15 10 5 5 5 8 0 8 5 8 4 5 6 6 7 7 6 6 6 6 4

HS-10 2000 Ω Absolute

FREQUENCY

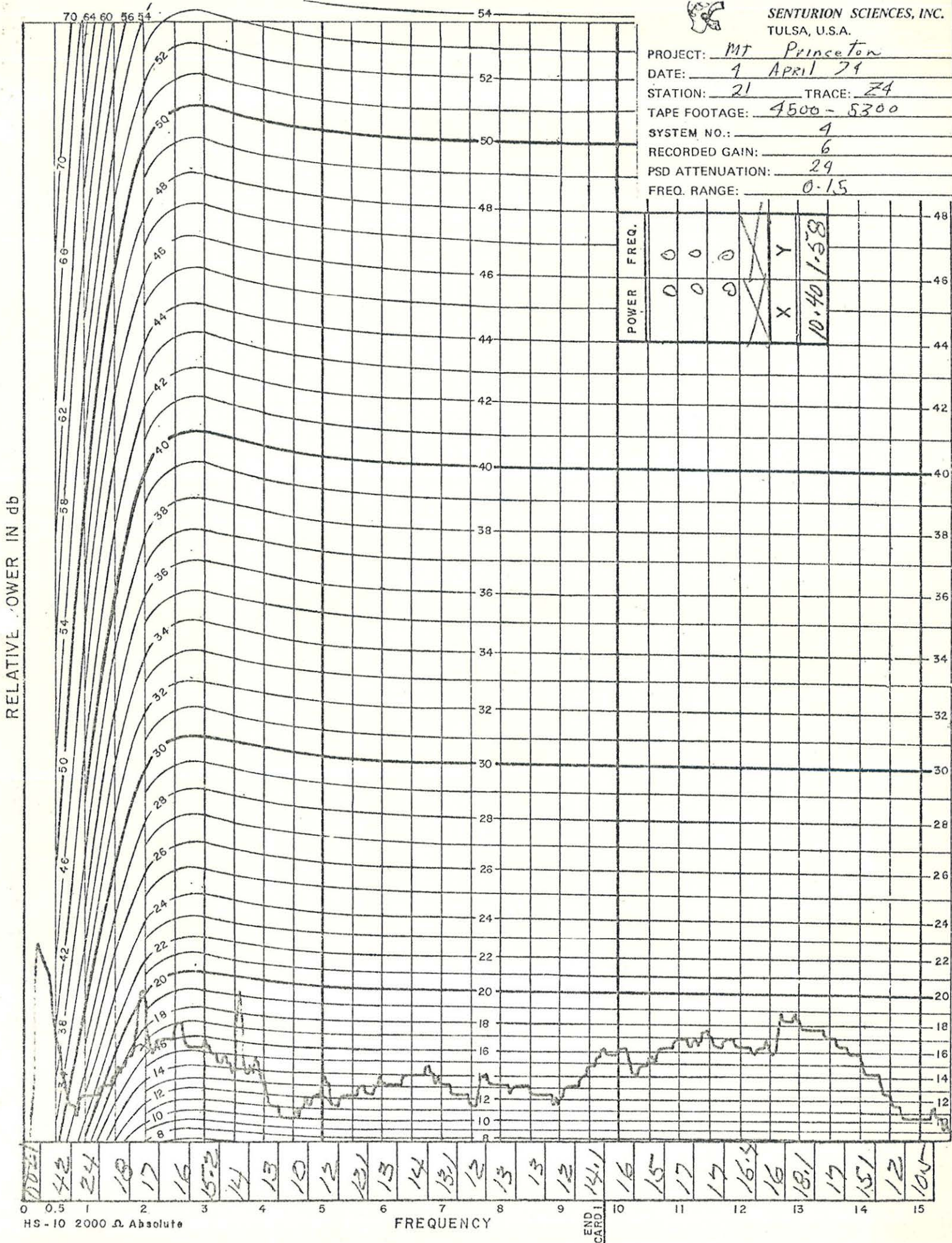
END CARD 1





SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 1 APRIL 79  
 STATION: 21 TRACE: Z4  
 TAPE FOOTAGE: 4500 - 5300  
 SYSTEM NO.: 4  
 RECORDED GAIN: 6  
 PSD ATTENUATION: 29  
 FREQ. RANGE: 0-15



RELATIVE POWER IN db

HS-10 2000 Ω Absolute

FREQUENCY

END CARD 1

0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

70 64 60 56 54 52 50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8

42 24 18 17 16 15.2 14 13 10 12 13 14 13 12 13 12 14.1 16 15 17 17 16.5 16 18.1 17 15.1 12 10.5



70.64 60 56 54

54



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 4 April 79  
 STATION: 22 TRACE: 26  
 TAPE FOOTAGE: 4500 5300  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db

POWER	FREQ.
37.0	2.0
0	0
0	0
X	X
X	Y
10.62	7.45

20.2	4.2	3.0	3.0	3.7	3.3	2.9	25.6	22.9	21.1	21	20.2	21.1	21.1	19.4	17	19	17.2	18	21.2	23	22.9	25	25.6	25.5	24.4	24.6	24.2	23	21	20
------	-----	-----	-----	-----	-----	-----	------	------	------	----	------	------	------	------	----	----	------	----	------	----	------	----	------	------	------	------	------	----	----	----

HS-10 2000  $\Omega$  Absolute

FREQUENCY

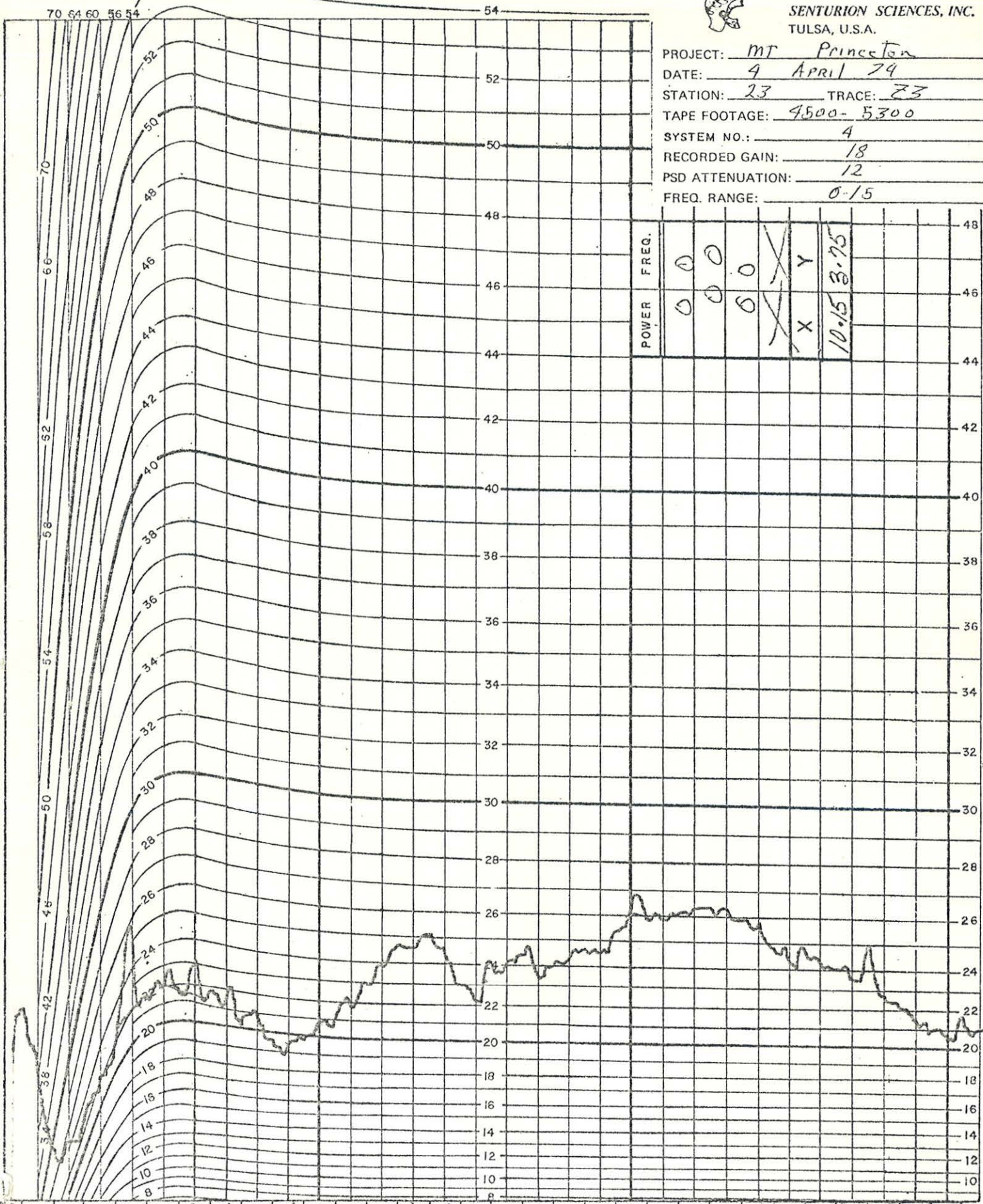
END CARD 1



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 4 April 79  
 STATION: 23 TRACE: 23  
 TAPE FOOTAGE: 4500-5300  
 SYSTEM NO.: 4  
 RECORDED GAIN: 18  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	X
X	Y
10.15	3.75

HS-10 2000  $\Omega$  Absolute

FREQUENCY

END CARD 1

0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

31.2 34 22 22 22 21.4 21.5 21 19.5 20.9 22 24 24.6 24.5 22.1 24 23.5 24.3 24.6 26 26 26.2 26.2 25.5 24.2 24.1 23.6 22.5 21.3 20.7

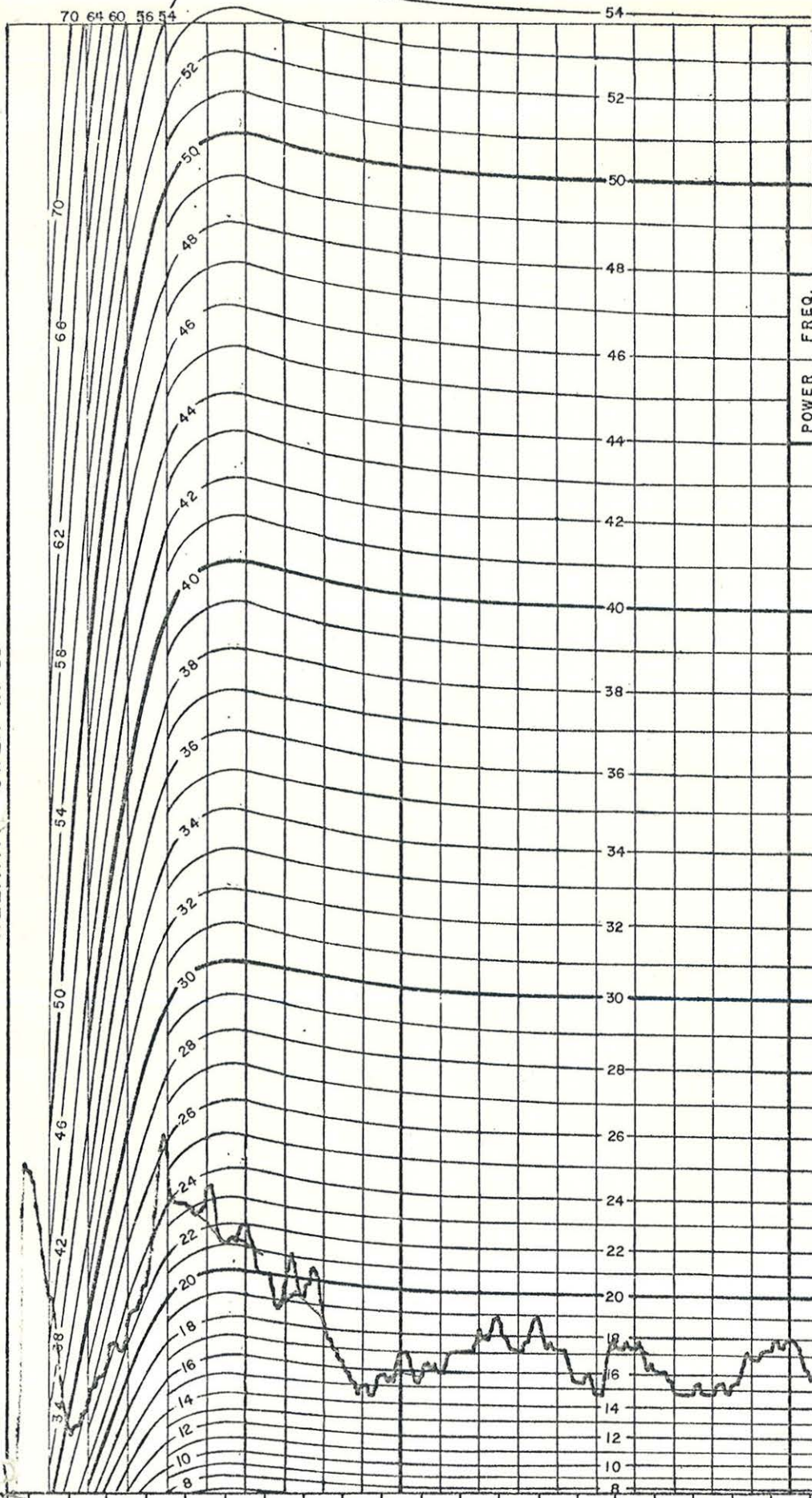




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 4 APRIL 74  
 STATION: 24 TRACE: Z1  
 TAPE FOOTAGE: 4500-5300  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	Y
9.654.76	

0.22	44	26	22	24	20	19	18	15	16	16	18	17	17.1	15	17.2	17	15	17	18	16.2	17.5	17.4	16	13.8	15	13.5	13	10.2	11
------	----	----	----	----	----	----	----	----	----	----	----	----	------	----	------	----	----	----	----	------	------	------	----	------	----	------	----	------	----

HS-10 2000  $\Omega$  Absolute

FREQUENCY

END CARD 1



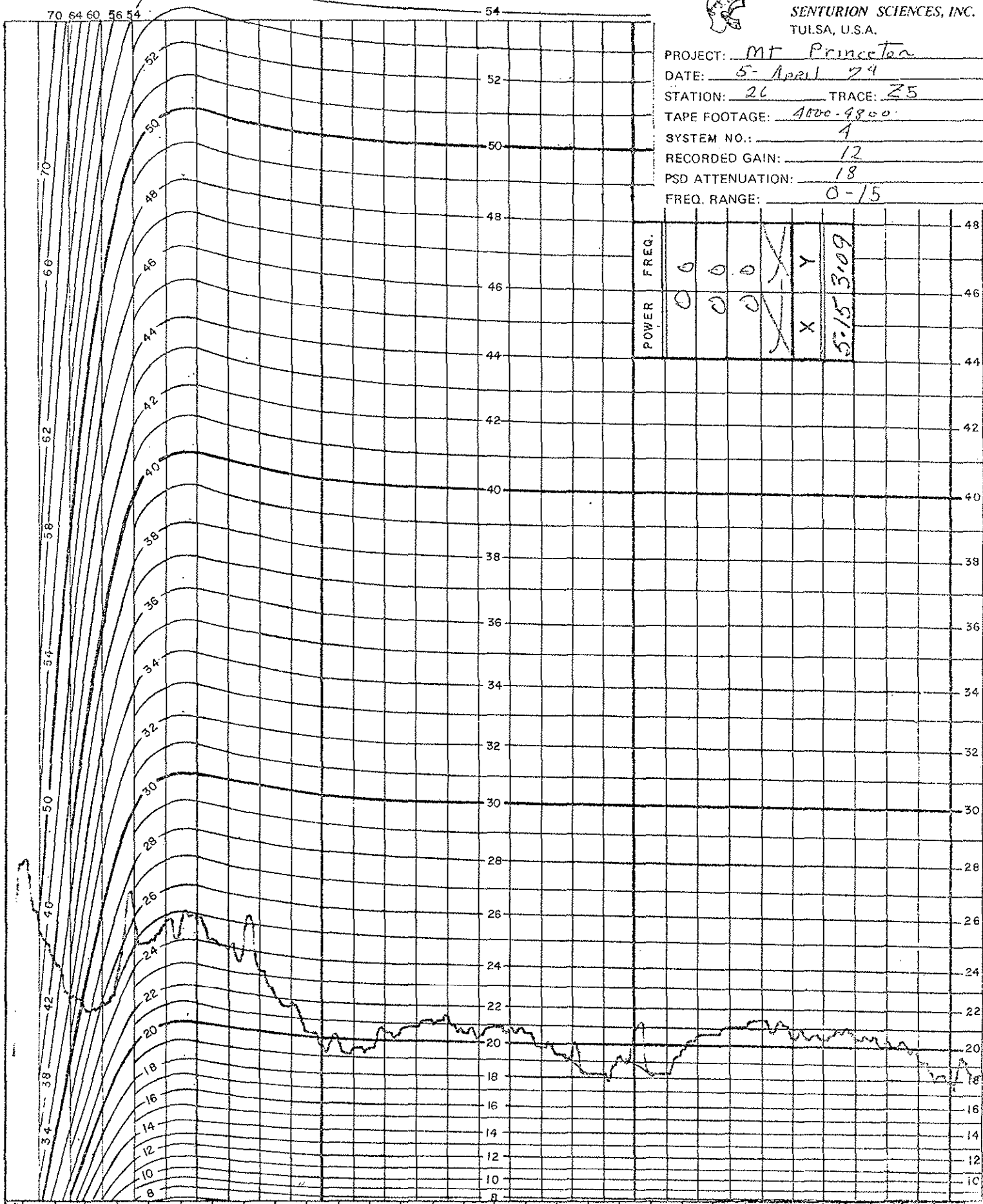




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 5 April 79  
 STATION: 26 TRACE: Z5  
 TAPE FOOTAGE: 4000-9800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	Y
5.15 3.09	

00.26	5.0	3.4	2.6	2.5	24.8	24.9	2.4	23.1	23.8	19.5	19.4	20.5	20.9	2.1	20.3	20.9	19.9	1.9	18.1	18.9	18.2	20.5	2.1	21.5	20.5	20.5	20.5	20.5	2.0	19.5	1.8		
0	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15																	

HS-10 2000 Ω Absolute

FREQUENCY

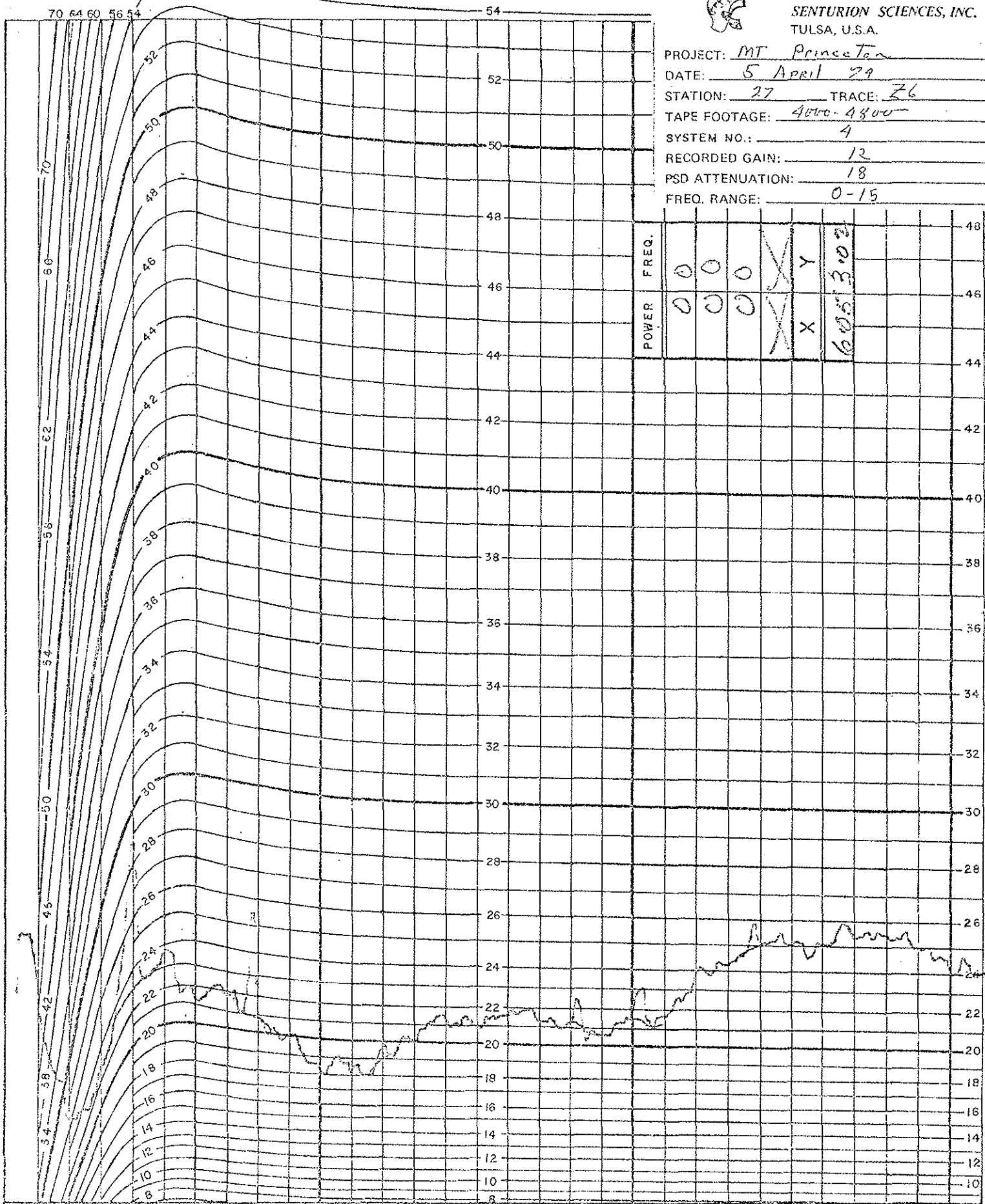
END CARD 1



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 5 April 79  
 STATION: 27 TRACE: Z6  
 TAPE FOOTAGE: 4000-4300  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

HS-10 2000  $\Omega$  Absolute

FREQUENCY

END CARD 1

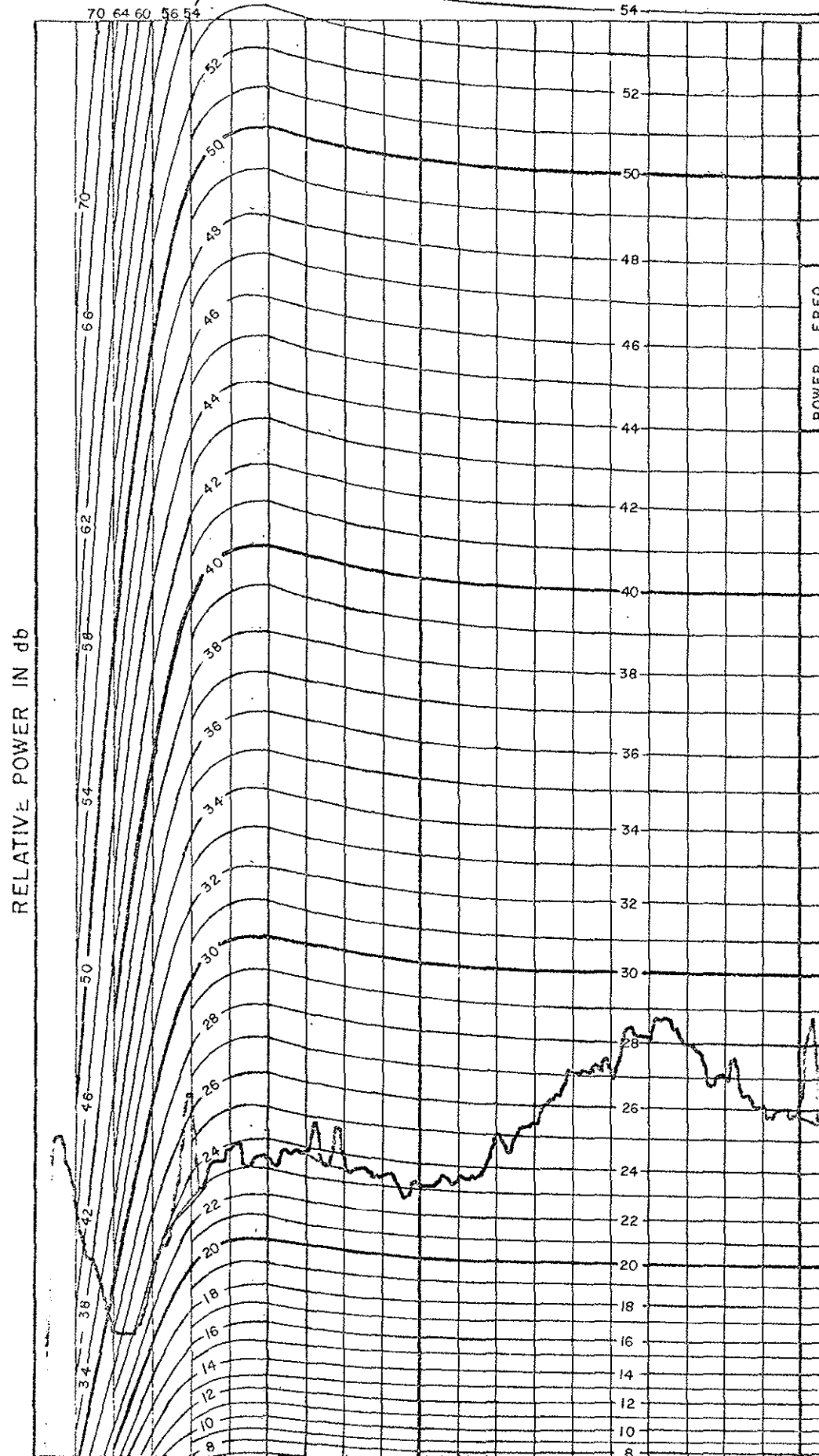
2027  
 46  
 26  
 22.5  
 23  
 23.7  
 24.1  
 22  
 21  
 20  
 18.2  
 18.5  
 19  
 20.1  
 21.1  
 21  
 21.7  
 21.3  
 21  
 20.6  
 21.5  
 21.7  
 24  
 24.3  
 25  
 25.1  
 25.5  
 25.4  
 25.8  
 25.8  
 24





PROJECT: MT Princeton  
 DATE: 5 April 79  
 STATION: 23 TRACE: Z1  
 TAPE FOOTAGE: 400-4800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 18  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0-15

POWER	0	0	0	X	Y
FREQ.	0	0	0	X	Y
					7.903.00



40.8	46	28	23	23	23.9	25.4	25.8	23.5	23.4	23.1	23.4	25	25.4	27	27.1	28.1	28	27	26	25.8	25.3	26.5	26	25.5	24.5	23.2	23	21.8	20	16
------	----	----	----	----	------	------	------	------	------	------	------	----	------	----	------	------	----	----	----	------	------	------	----	------	------	------	----	------	----	----

HS-10 2000 Ω Absolute

FREQUENCY

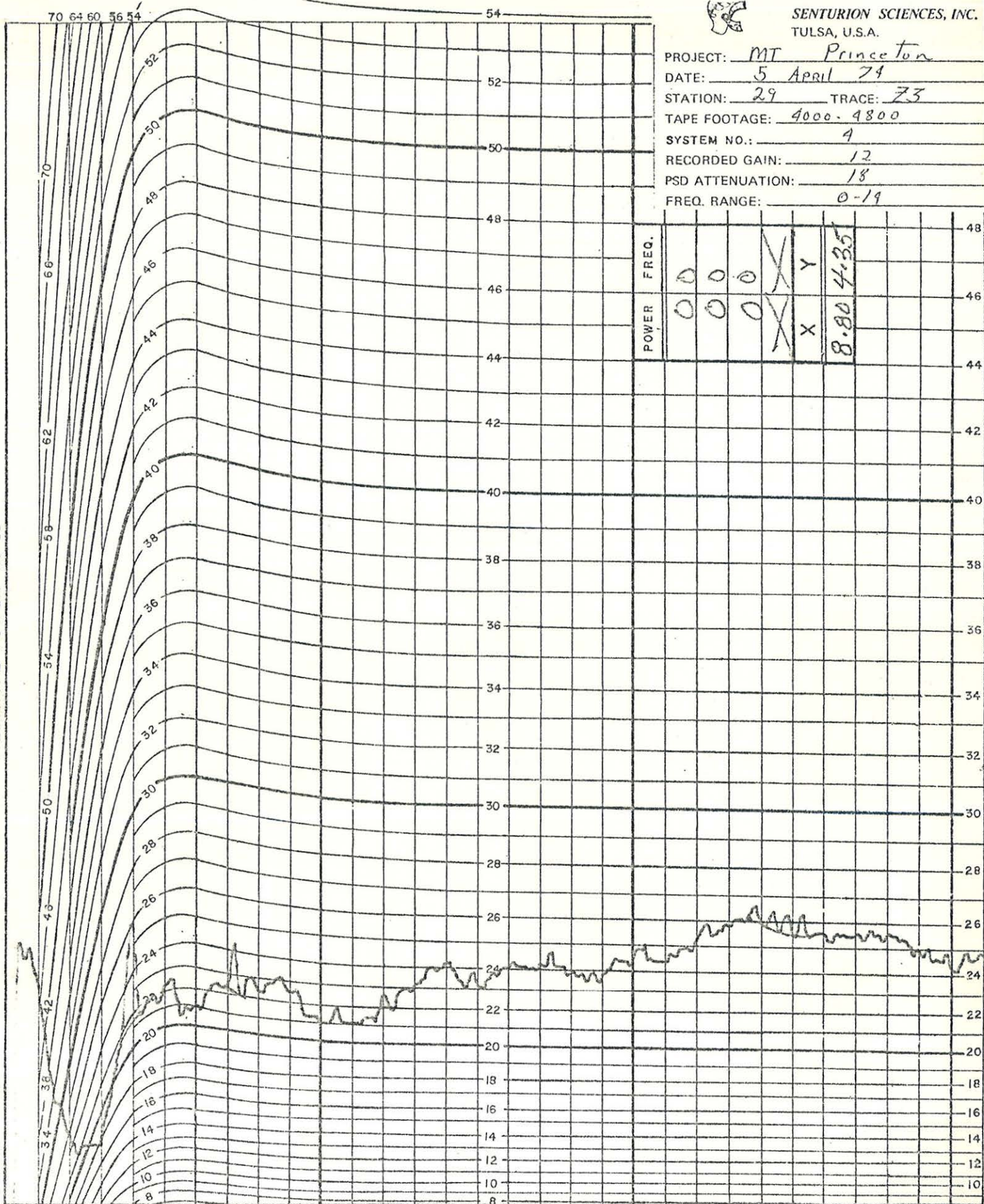
END CARD 1



SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 5 April 79  
 STATION: 29 TRACE: 73  
 TAPE FOOTAGE: 4000-4800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 12  
 PSD ATTENUATION: 18  
 FREQ. RANGE: 0-19

RELATIVE POWER IN db



POWER	FREQ.
0	0
0	0
0	0
X	X
X	Y
	8.80 4.35

0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

HS-10 2000  $\Omega$  Absolute

FREQUENCY

END CARD

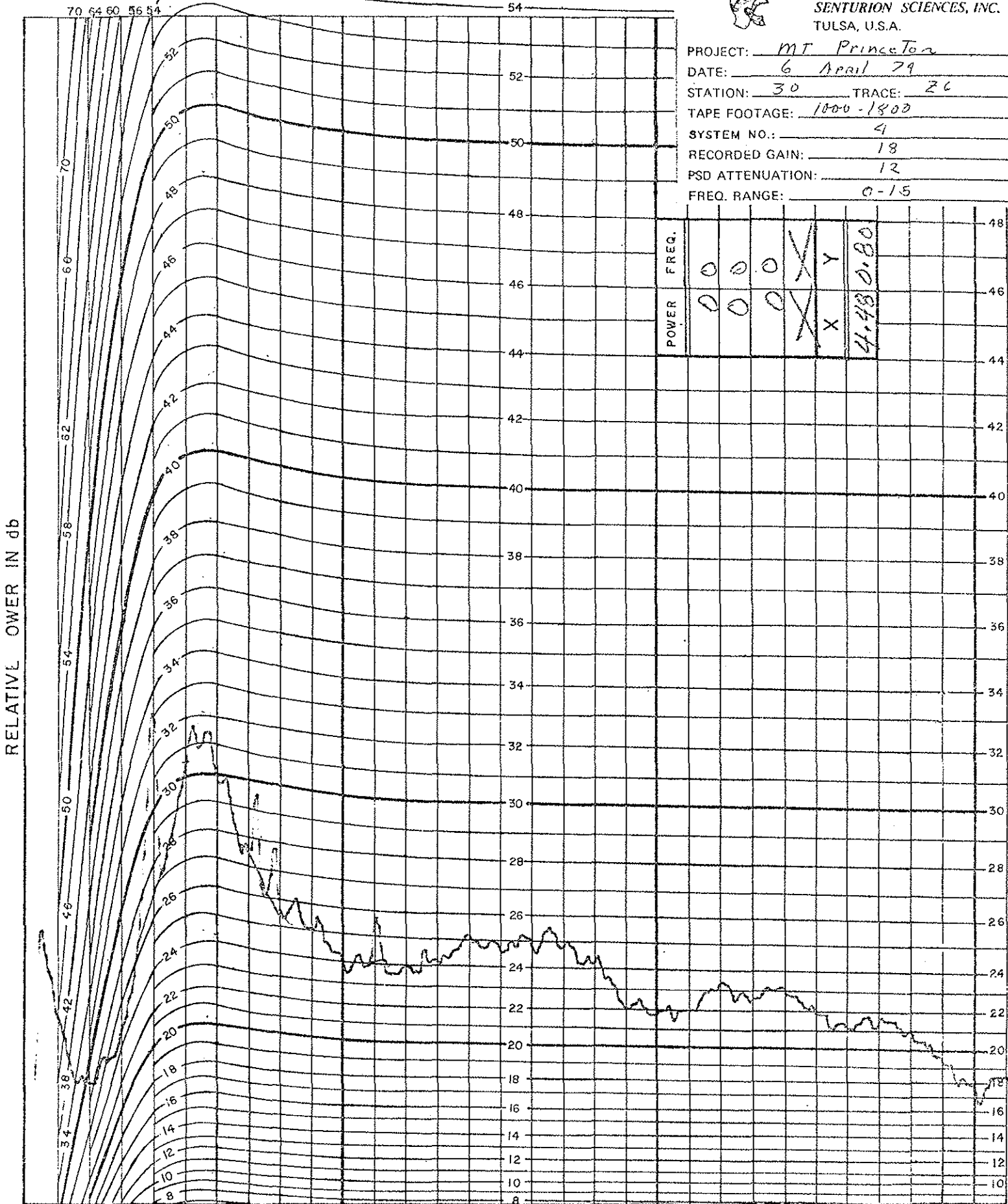
4.6 2.6 1.8 2.2 2.2 2.1 2.2 2.4 2.5 2.1 2.1 2.2 2.3 2.4 2.3 2.4 2.3 2.4 2.5 2.6 2.6 2.5 2.5 2.5 2.5 2.4 2.4





SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 6 April 79  
 STATION: 30 TRACE: 26  
 TAPE FOOTAGE: 1000-1800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 18  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0-15



RELATIVE POWER IN db

0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
 HS-10 2000  $\Omega$  Absolute FREQUENCY

END CARD 1

30.30 46 29 25 27 30.5 30 29.5 25.4 25 24 24 24 24.1 25 24.8 25 24.9 24.2 22 21.9 22 21.2 22.6 23 22 21.2 21.5 21 19.4 12.8

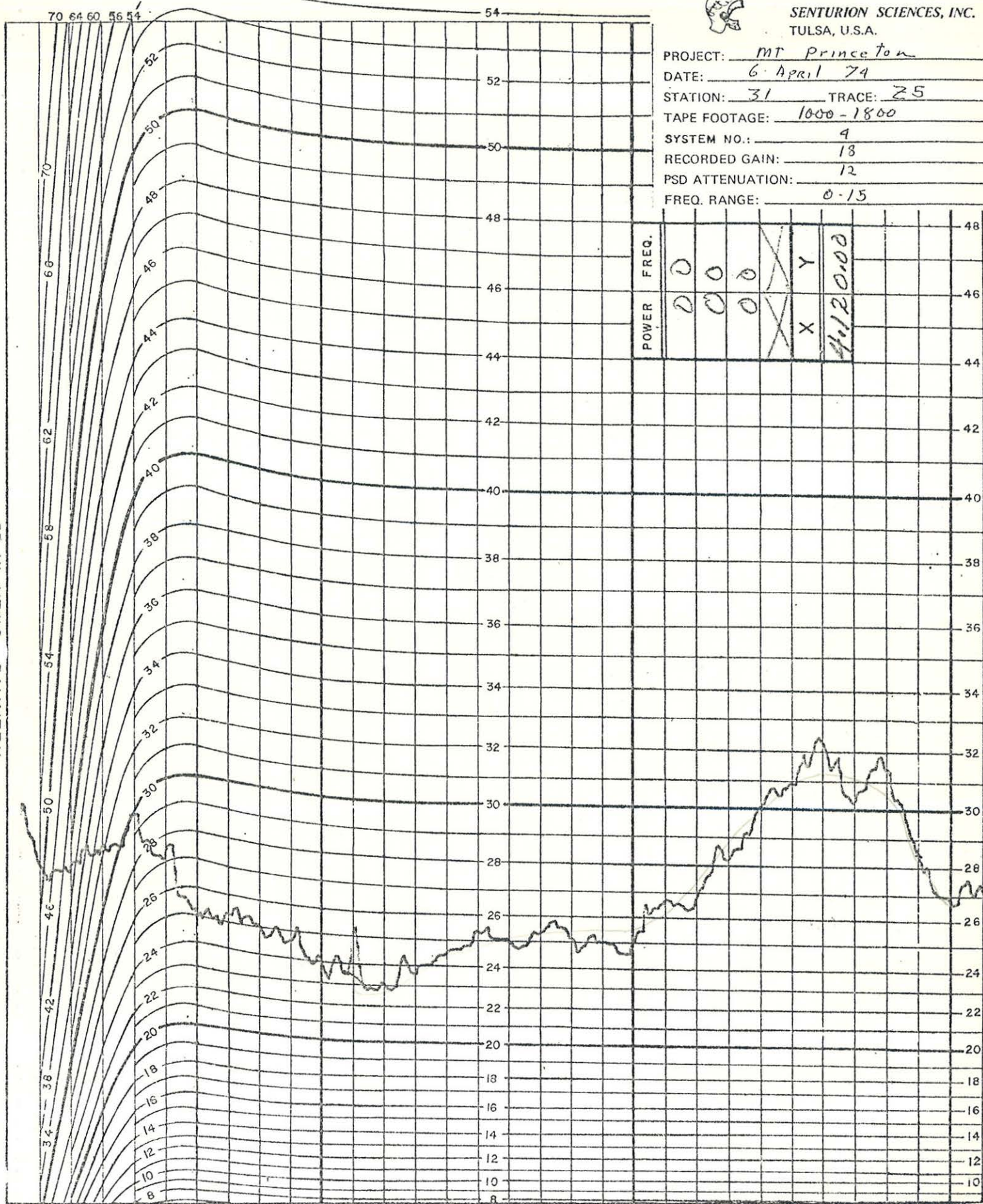




SENTURION SCIENCES, INC.  
TULSA, U.S.A.

PROJECT: MT Princeton  
 DATE: 6 April 74  
 STATION: 31 TRACE: 25  
 TAPE FOOTAGE: 1000-1800  
 SYSTEM NO.: 4  
 RECORDED GAIN: 18  
 PSD ATTENUATION: 12  
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



0 0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

HS-10 2000  $\Omega$  Absolute

FREQUENCY

END CARD 1

30.31  
 5.1  
 4.0  
 3.2  
 3.0  
 2.71  
 2.51  
 2.5.3  
 2.5  
 2.46  
 2.4  
 2.3.3  
 2.3  
 2.3.8  
 2.4.5  
 2.5.3  
 2.5  
 2.5.3  
 2.5.1  
 2.5  
 2.5  
 2.6.6  
 2.7  
 2.8.3  
 3.0  
 3.1  
 3.2.2  
 3.0.2  
 3.1.4  
 2.8.5  
 2.6.9