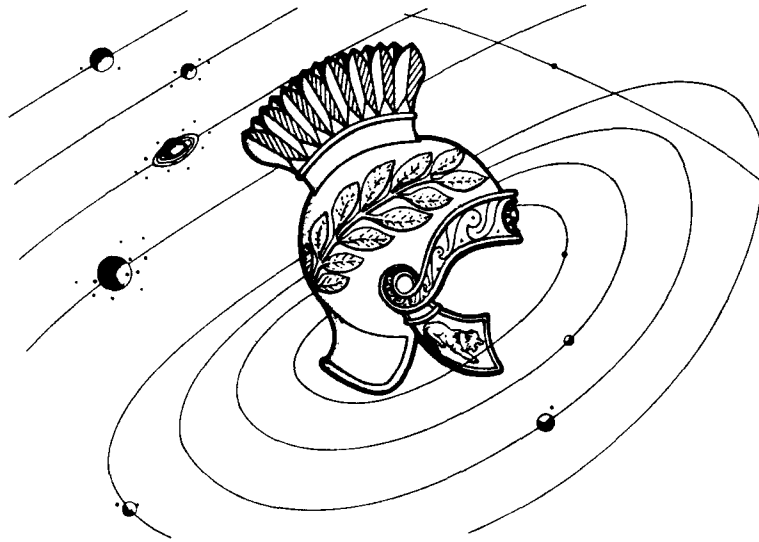


GLO109A



APPENDIX

SEISMIC GROUNDNOISE SURVEY IN THE SAN EMIDIO DESERT

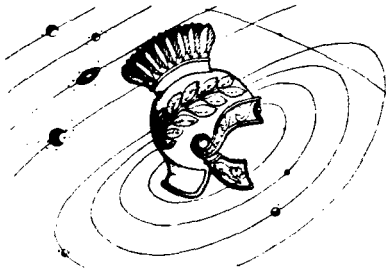
for:

STANDARD OIL COMPANY OF CALIFORNIA

2-9-1953

SENTURION SCIENCES, INC.

TULSA, U.S.A.



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

APPENDIX

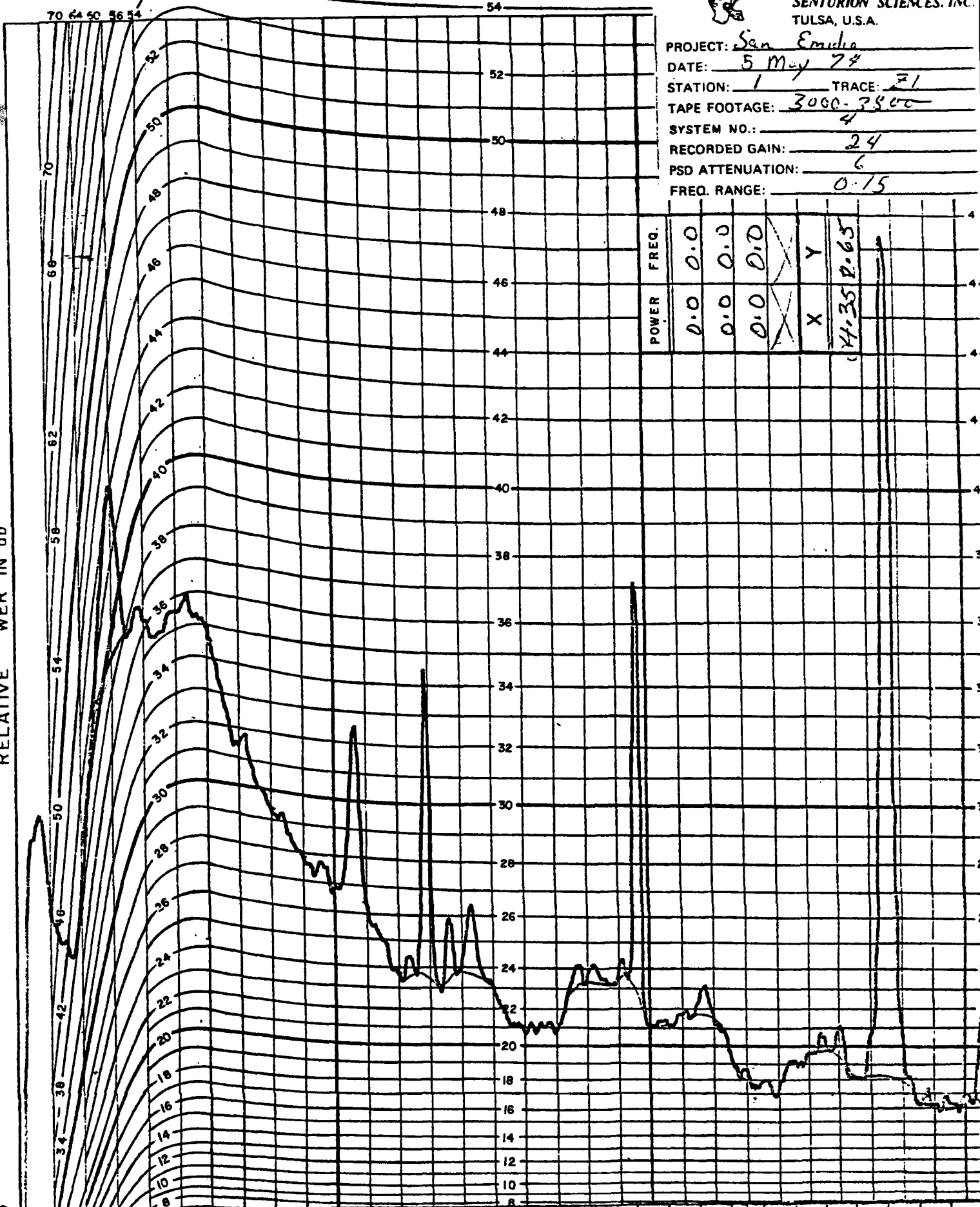
SAN EMIDIO DESERT GROUNDNOISE



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

PROJECT: San Emulio
 DATE: 5 May 74
 STATION: 1 TRACE: F1
 TAPE FOOTAGE: 3000-3500
 SYSTEM NO.: _____
 RECORDED GAIN: 24
 PSD ATTENUATION: 6
 FREQ. RANGE: 0-15

RELATIVE WER IN db



50.0	38.0	30.0	26.0	35.6	35.0	31.5	29.3	27.9	26.9	26.4	23.8	23.4	23.8	23.0	21.0	21.0	23.2	21.3	21.1	21.8	21.5	18.5	17.2	19.6	19.4	18.0	18.0	16.0	16.3
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

HS-10 2000 Absolute

FREQUENCY

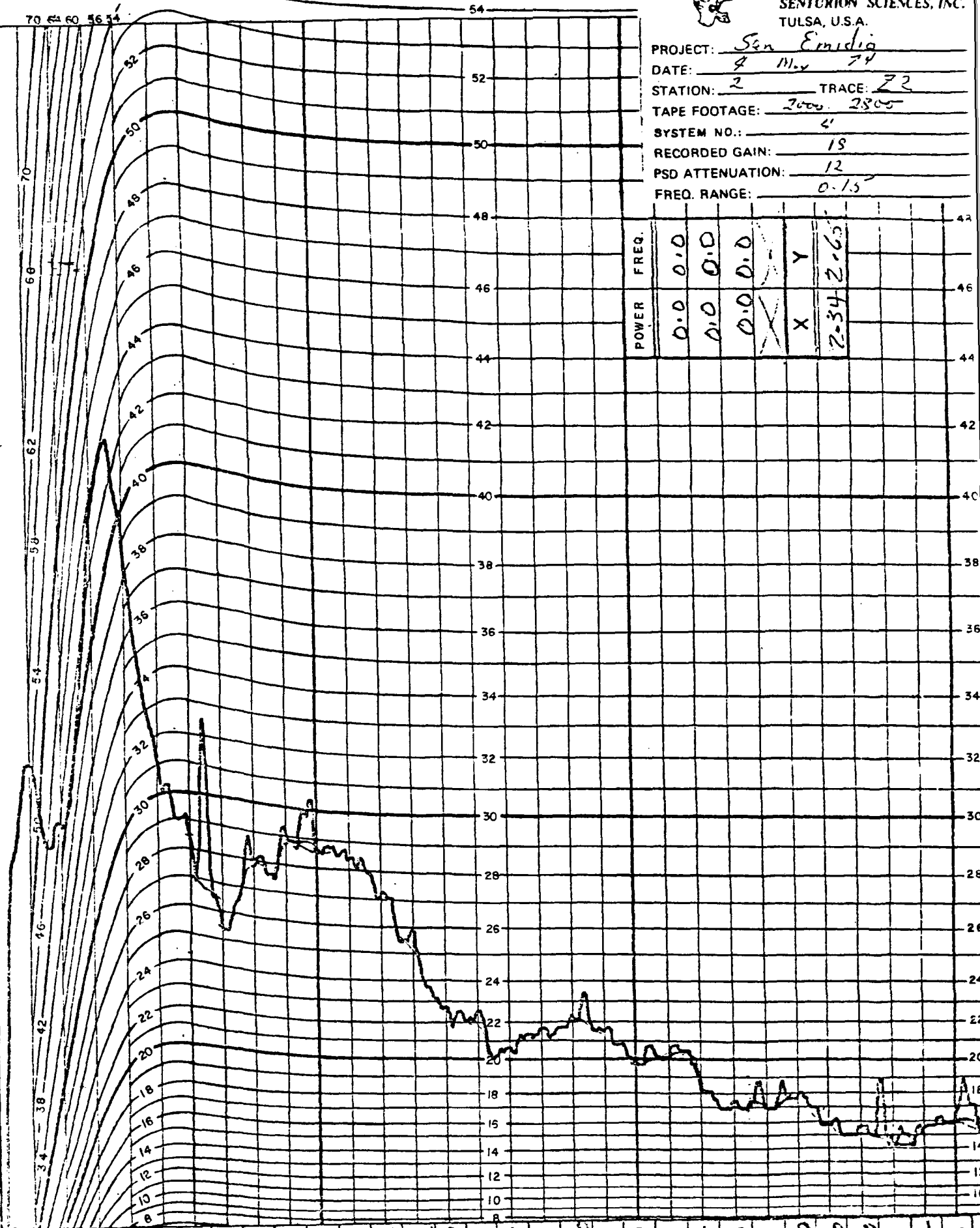
END CARD 1



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

PROJECT: San Emidio
 DATE: 4 Nov 74
 STATION: 2 TRACE: 22
 TAPE FOOTAGE: 2000 2800
 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	0.0
0.0	0.0
X	X
X	Y
2.34	2.60

19.0	17.0	15.0	14.1	15.5	16.0
21.0	17.0	15.0	14.1	15.5	16.0
41.0	17.0	15.0	14.1	15.5	16.0
39.0	17.0	15.0	14.1	15.5	16.0
31.1	17.0	15.0	14.1	15.5	16.0
28.5	17.0	15.0	14.1	15.5	16.0
25.4	17.0	15.0	14.1	15.5	16.0
28.0	17.0	15.0	14.1	15.5	16.0
28.6	17.0	15.0	14.1	15.5	16.0
28.4	17.0	15.0	14.1	15.5	16.0
27.0	17.0	15.0	14.1	15.5	16.0
25.2	17.0	15.0	14.1	15.5	16.0
22.8	17.0	15.0	14.1	15.5	16.0
22.0	17.0	15.0	14.1	15.5	16.0
20.5	17.0	15.0	14.1	15.5	16.0
19.6	17.0	15.0	14.1	15.5	16.0
22.0	17.0	15.0	14.1	15.5	16.0
21.7	17.0	15.0	14.1	15.5	16.0
19.8	17.0	15.0	14.1	15.5	16.0
20.2	17.0	15.0	14.1	15.5	16.0
18.5	17.0	15.0	14.1	15.5	16.0
17.0	17.0	15.0	14.1	15.5	16.0
17.0	17.0	15.0	14.1	15.5	16.0
17.9	17.0	15.0	14.1	15.5	16.0
16.0	17.0	15.0	14.1	15.5	16.0
15.0	17.0	15.0	14.1	15.5	16.0
14.1	17.0	15.0	14.1	15.5	16.0
15.5	17.0	15.0	14.1	15.5	16.0
16.0	17.0	15.0	14.1	15.5	16.0

HS-10 2000 Ω Absolute

FREQUENCY

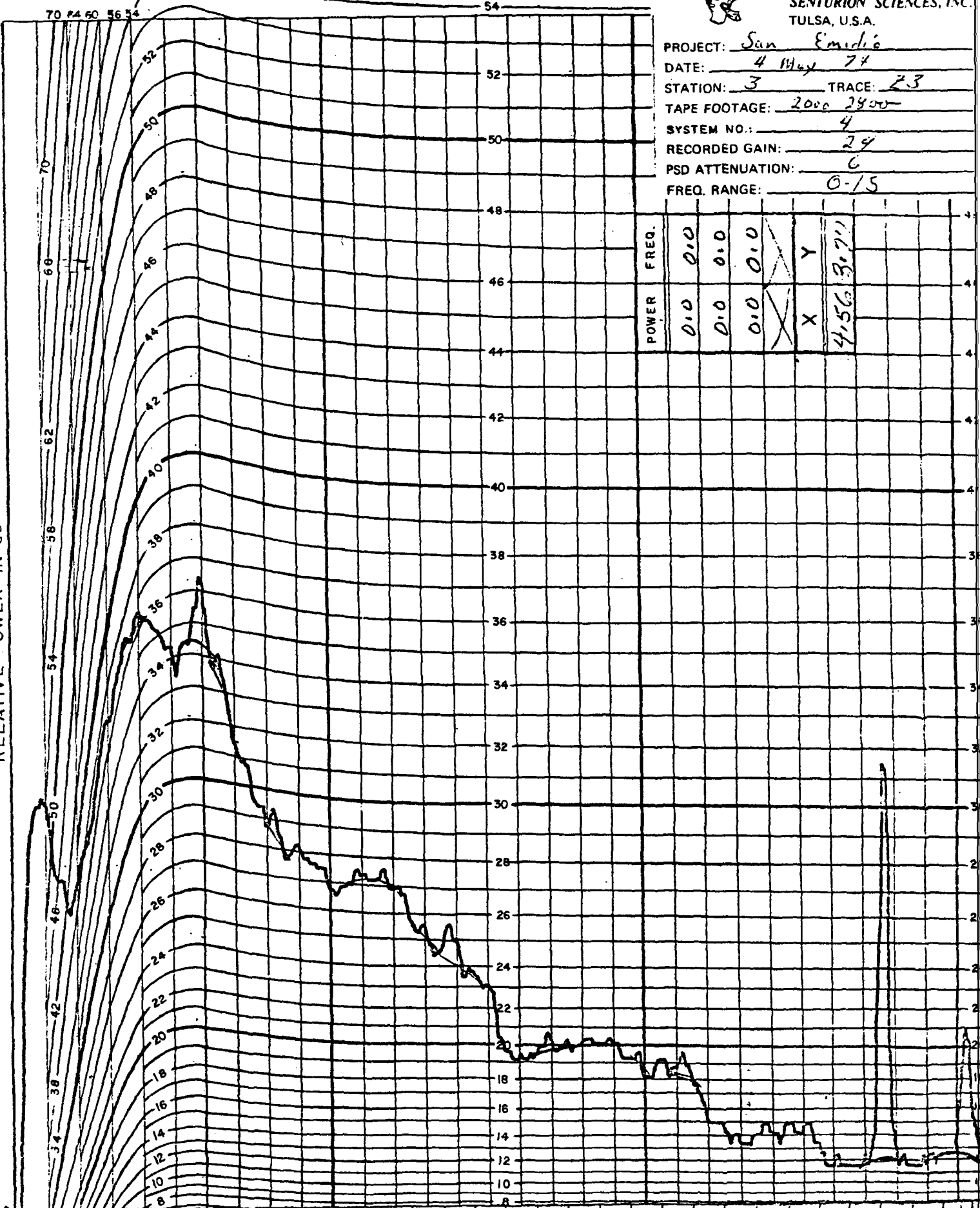
END CARD 1



PROJECT: San Emedie
 DATE: 4 May 74
 STATION: 3 TRACE: 23
 TAPE FOOTAGE: 2000 2400
 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	0.0
0.0	0.0
X	Y
X	4.56 3.71

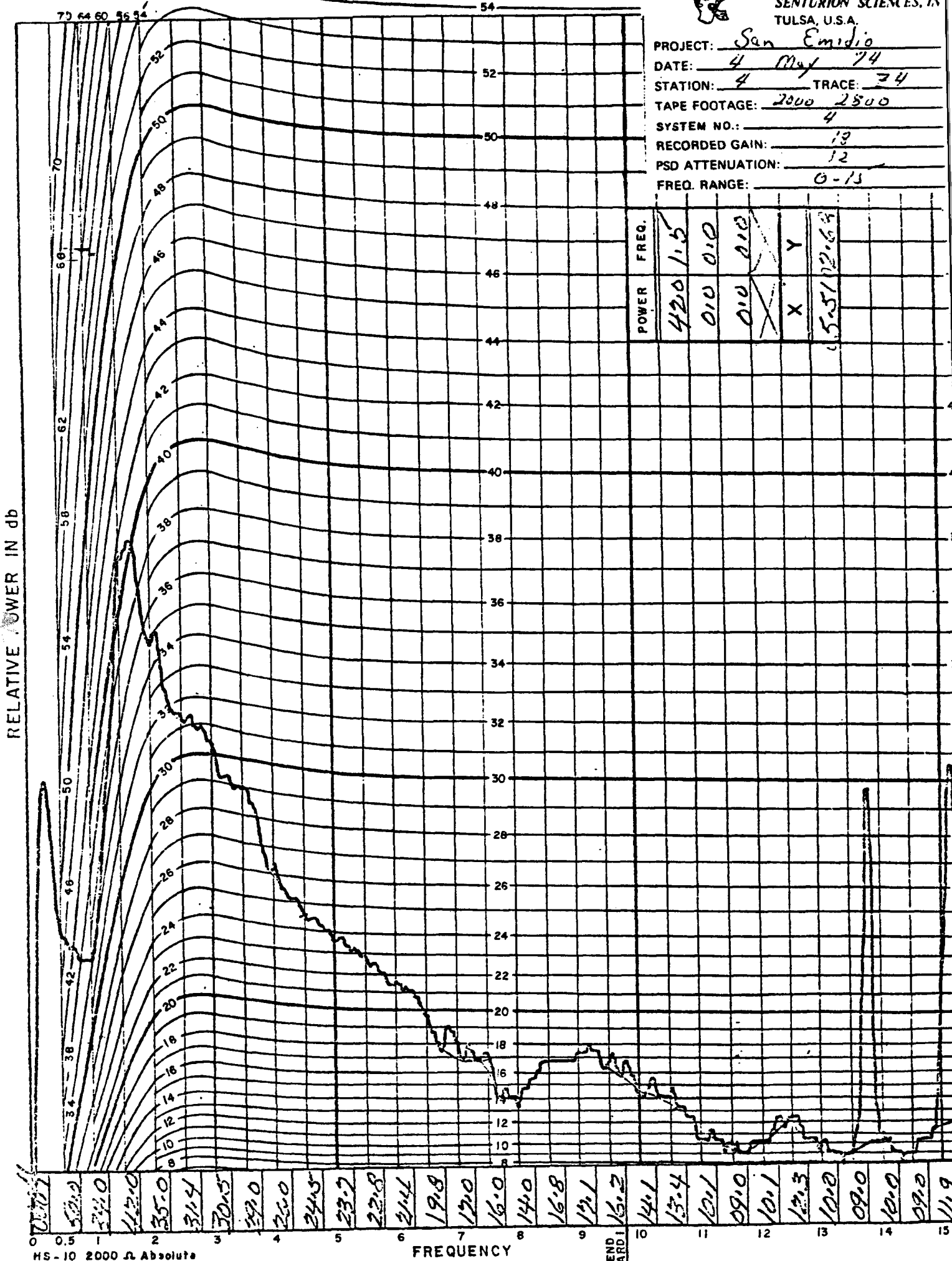


0.540
 0.590
 0.670
 0.765
 0.875
 1.000
 1.140
 1.300
 1.480
 1.690
 1.940
 2.240
 2.600
 3.030
 3.540
 4.140
 4.840
 5.640
 6.540
 7.640
 8.940
 10.440
 12.140
 14.040
 16.140
 18.440
 21.040



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

PROJECT: San Emidio
 DATE: 4 May 74
 STATION: 4 TRACE: 34
 TAPE FOOTAGE: 2000 2500
 SYSTEM NO.: 4
 RECORDED GAIN: 13
 PSD ATTENUATION: 12
 FREQ. RANGE: 0-13



POWER	FREQ.
420	1.5
010	0.10
010	0.10
X	Y
15.5	12.6

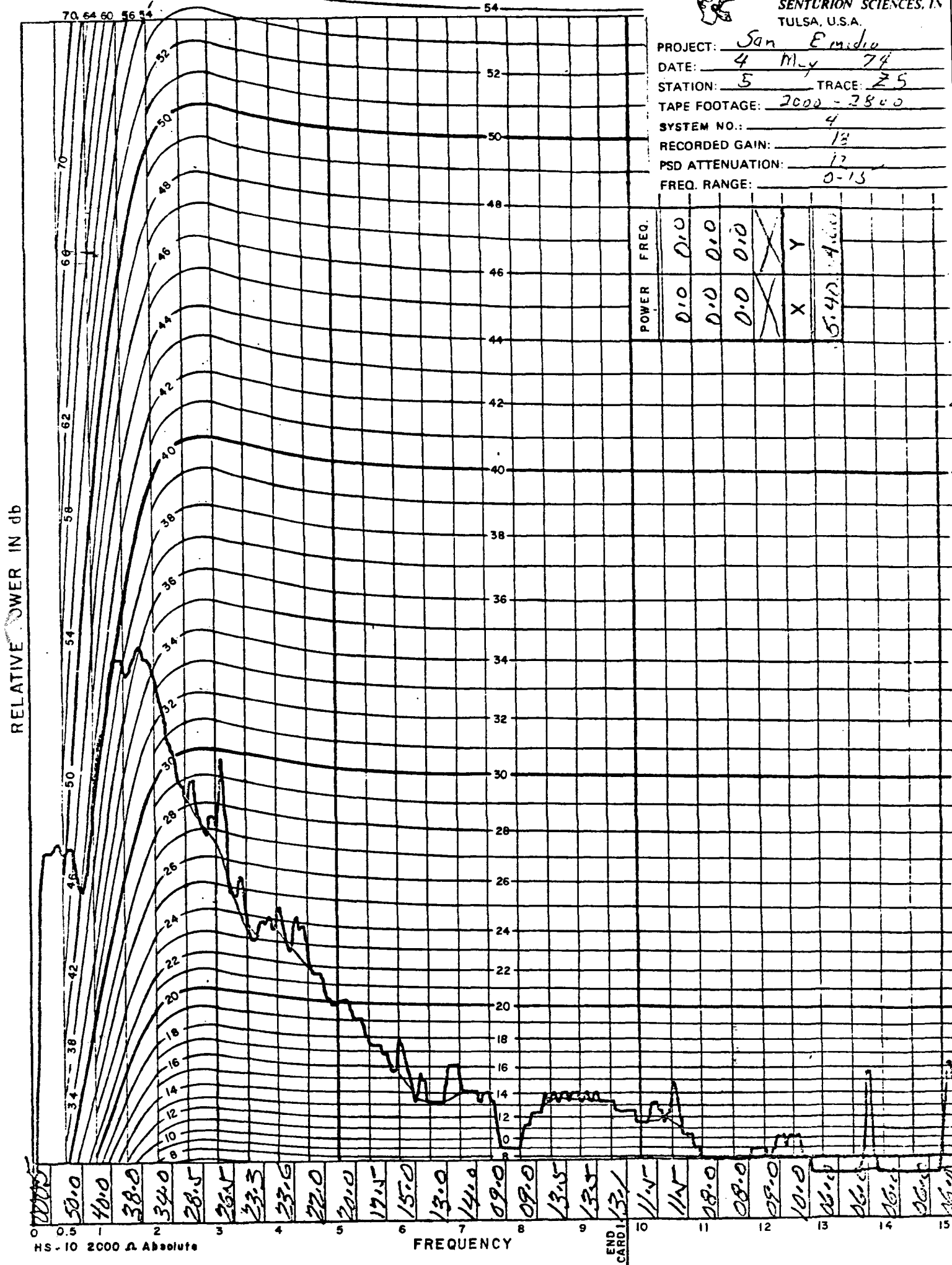
RELATIVE POWER IN db

0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
 50.0 34.0 112.0 35.0 31.4 30.5 29.0 26.0 24.5 23.7 22.8 21.4 19.8 19.0 16.0 14.0 16.8 19.1 13.2 14.1 13.4 12.1 09.0 10.1 12.3 10.0 09.0 10.0 09.0 11.9
 HS-10 2000 Ω Absolute
 FREQUENCY
 END CARD 1



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

PROJECT: San Emidio
 DATE: 4 May 74
 STATION: 5 TRACE: 25
 TAPE FOOTAGE: 2000 - 2800
 SYSTEM NO.: 4
 RECORDED GAIN: 12
 PSD ATTENUATION: 12
 FREQ. RANGE: 0-13



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

50.0 40.0 38.0 34.0 28.5 26.5 23.3 23.6 22.0 20.0 17.5 15.0 13.0 14.0 09.0 09.0 13.5 13.5 13.0 11.5 11.5 08.0 08.0 09.0 10.0 06.0 06.0 10.0 10.0 10.0

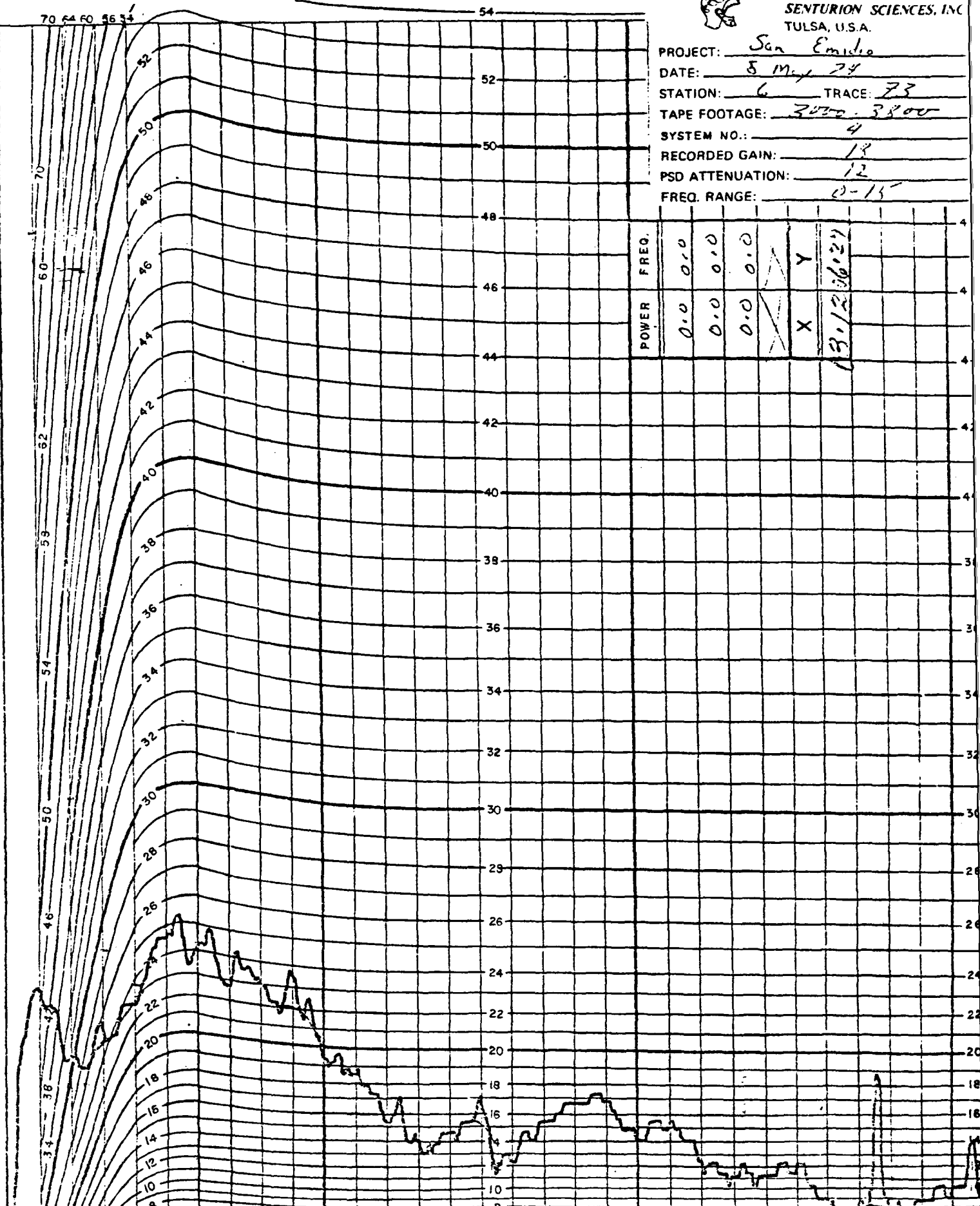
END CARD 1321



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

PROJECT: San Emidio
 DATE: 5 May 74
 STATION: 6 TRACE: 73
 TAPE FOOTAGE: 3000-3800
 SYSTEM NO.: 4
 RECORDED GAIN: 18
 PSD ATTENUATION: 12
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



47.0	30.0	24.5	23.0	24.6	24.2	22.8	23.0	22.0	19.2	18.2	15.4	14.0	14.6	15.0	13.1	15.3	16.2	16.9	14.1	15.0	12.0	11.1	11.1	12.0	18.0	18.0	19.0	10.0
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

HS-10 2000 Ω Absolute

FREQUENCY

END CARD

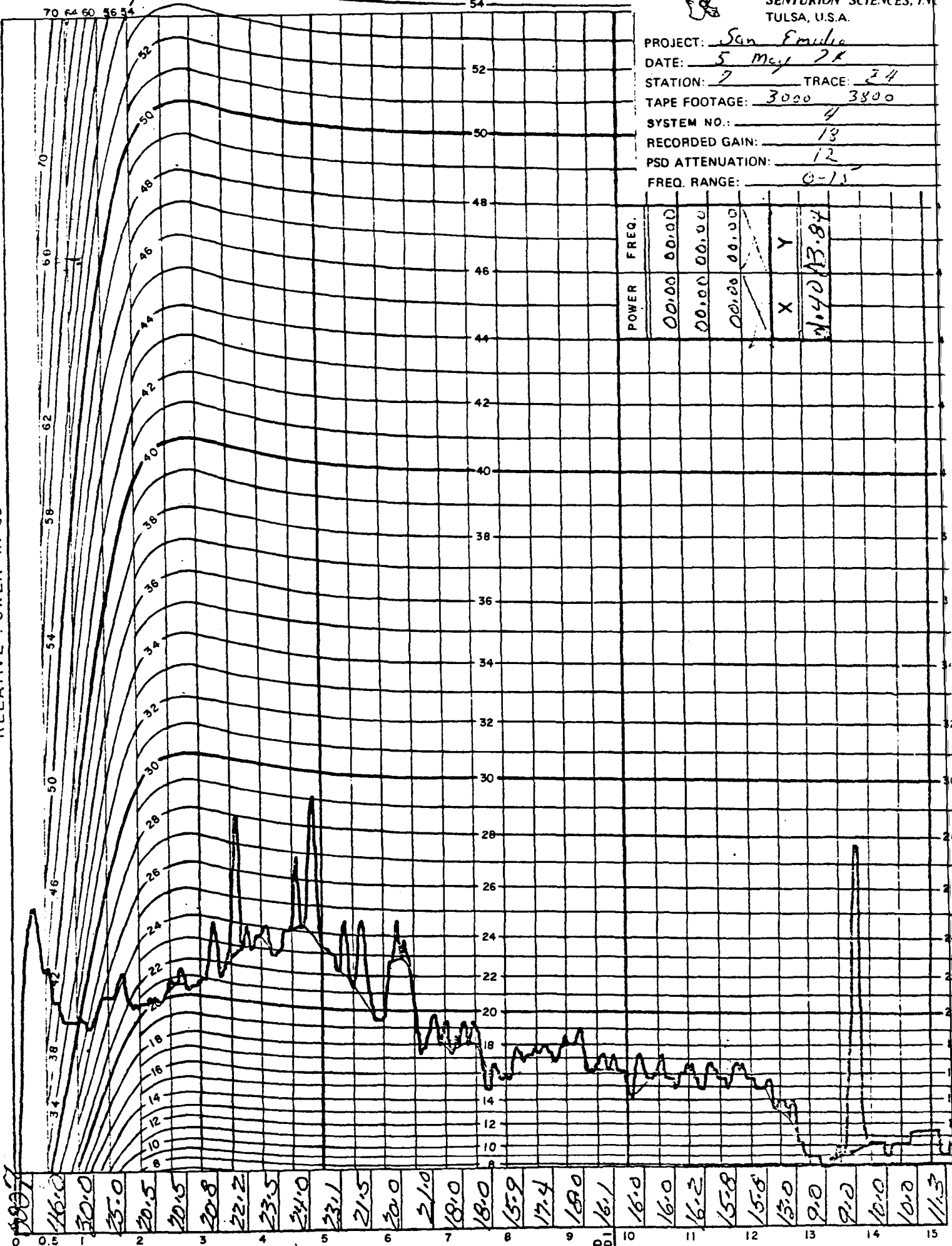
POWER	FREQ.				
0.0	0.0				
0.0	0.0				
0.0	0.0				
X	Y				
13.12.06.21					



PROJECT: San Emelia
 DATE: 5 May 74
 STATION: 7 TRACE: 24
 TAPE FOOTAGE: 3000 3800
 SYSTEM NO.: 4
 RECORDED GAIN: 18
 PSD ATTENUATION: 12
 FREQ. RANGE: 0-13

POWER	FREQ.
00.00	00.00
00.00	00.00
00.00	00.00
X	Y
11.4013.84	

RELATIVE POWER IN db



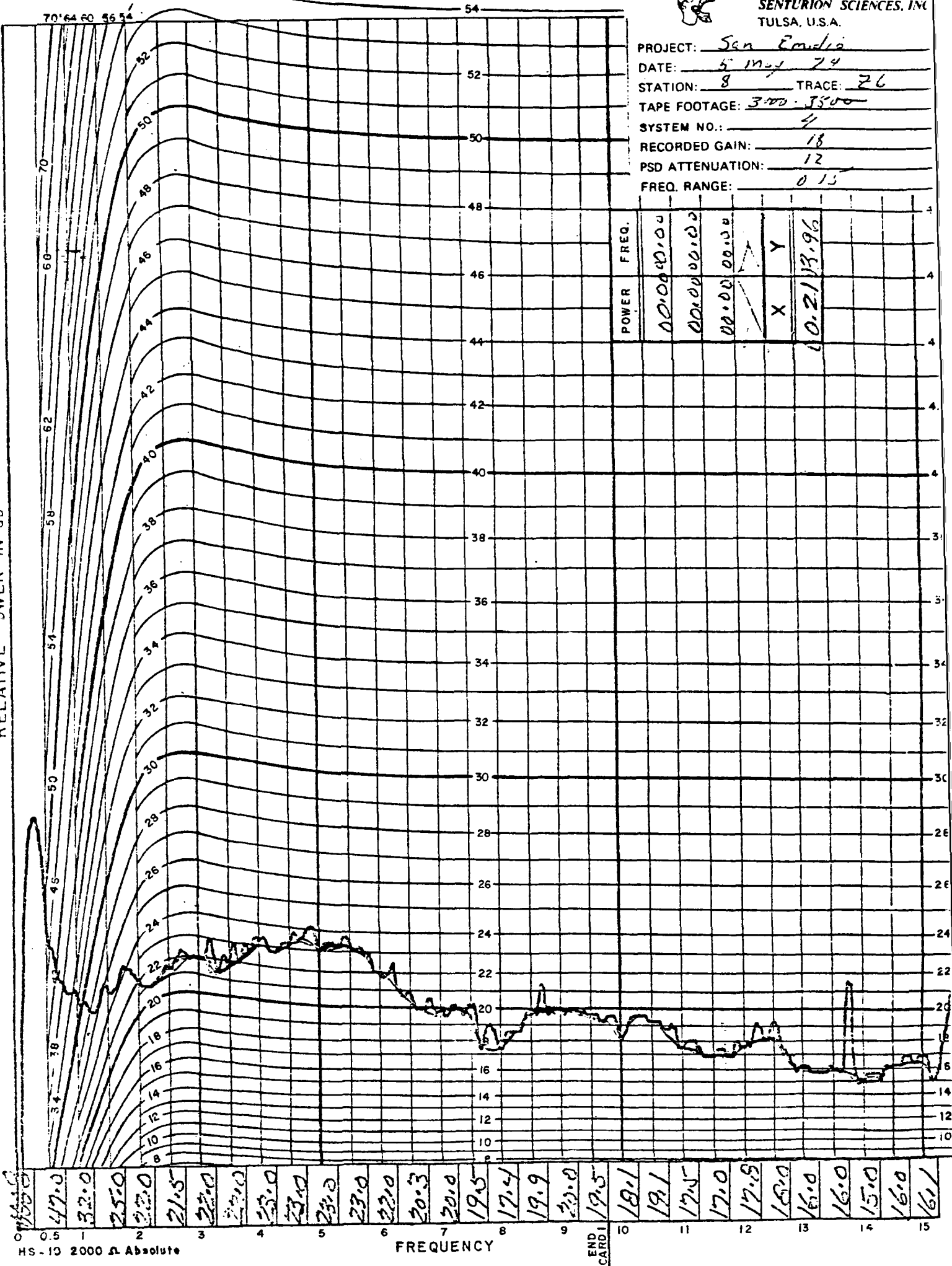
FREQUENCY	RELATIVE POWER IN db
0.5	16.0
1.0	30.0
2.0	35.0
3.0	20.5
4.0	20.5
5.0	22.2
6.0	23.5
7.0	24.0
8.0	23.1
9.0	21.5
10.0	20.0
11.0	21.0
12.0	18.0
13.0	18.0
14.0	15.9
15.0	17.4
16.0	18.0
17.0	16.1
18.0	16.0
19.0	16.0
20.0	16.2
21.0	15.8
22.0	15.8
23.0	13.0
24.0	9.0
25.0	9.0
26.0	10.0
27.0	10.0
28.0	11.3



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

PROJECT: San Emilio
 DATE: 5 May 74
 STATION: 8 TRACE: 26
 TAPE FOOTAGE: 300-3500
 SYSTEM NO.: 4
 RECORDED GAIN: 18
 PSD ATTENUATION: 12
 FREQ. RANGE: 0.15

RELATIVE POWER IN db



HS-10 2000 Ω Absolute

FREQUENCY

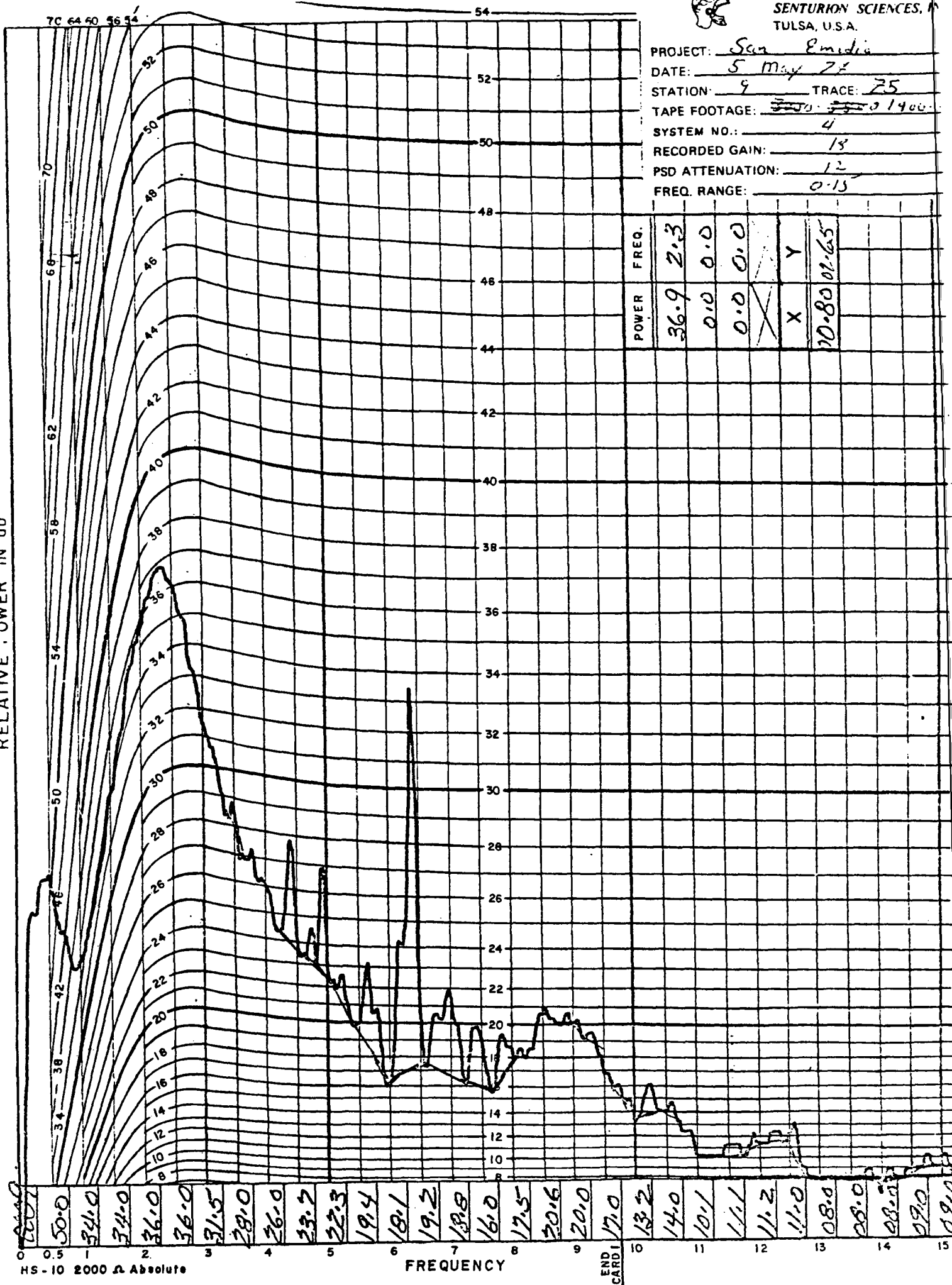
END CARD 1



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

PROJECT: Sea Emission
 DATE: 5 May 72
 STATION: 9 TRACE: 25
 TAPE FOOTAGE: 01400
 SYSTEM NO.: 4
 RECORDED GAIN: 18
 PSD ATTENUATION: 12
 FREQ. RANGE: 0-13

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 Ω Absolute

FREQUENCY

END CARD

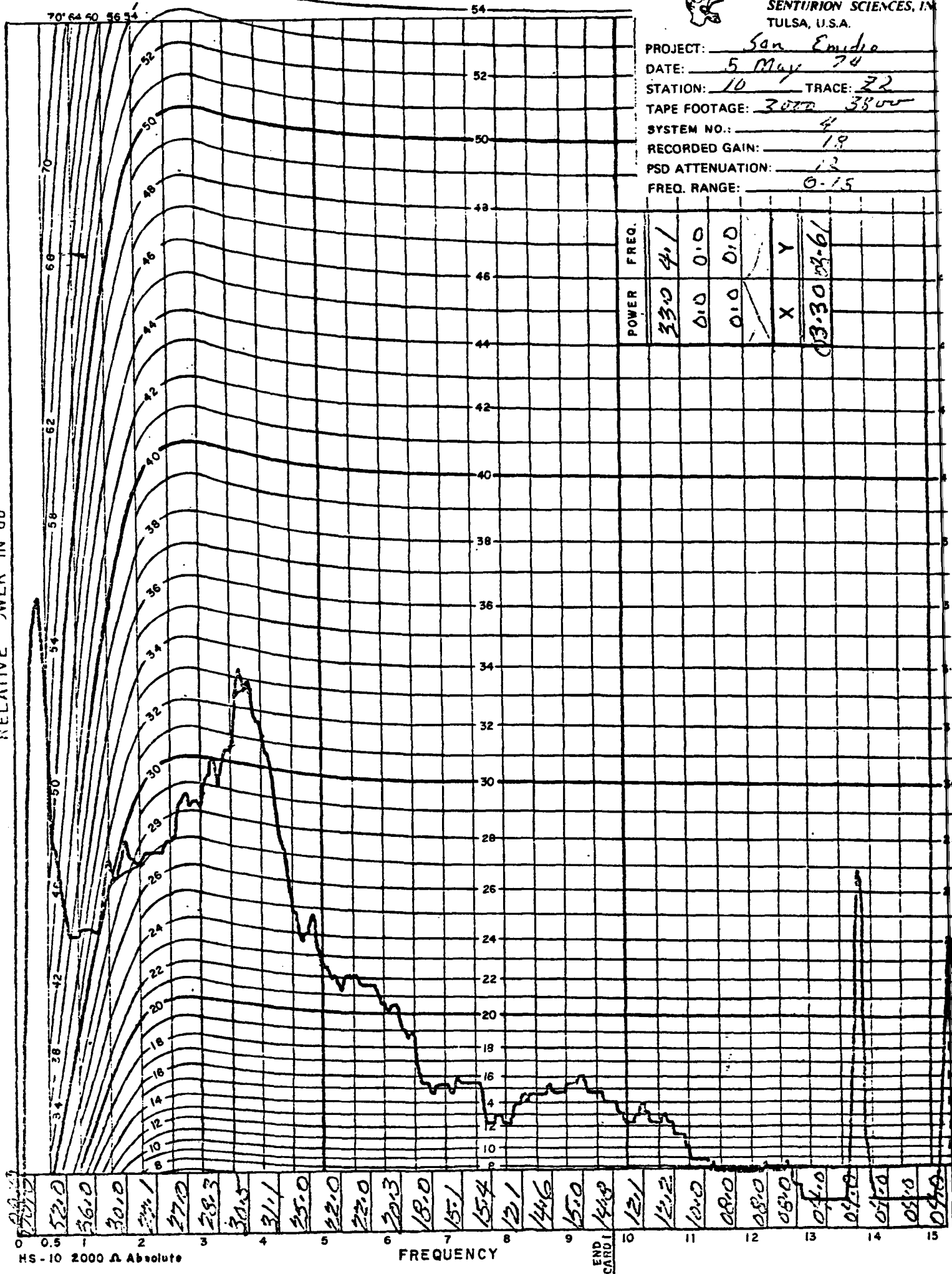
30.0
34.0
34.0
36.0
36.0
31.5
28.0
26.0
23.2
22.3
19.4
18.1
19.2
18.8
16.0
17.5
20.6
20.0
17.0
13.2
14.0
10.1
11.1
11.2
11.0
08.0
08.0
08.0
09.0
09.0



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

PROJECT: San Emidio
 DATE: 5 May 74
 STATION: 10 TRACE: 22
 TAPE FOOTAGE: 3000 3800
 SYSTEM NO.: 4
 RECORDED GAIN: 1.8
 PSD ATTENUATION: 1.2
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



POWER	FREQ.
33.0	4.1
0.0	0.0
0.0	0.0
X	Y
03.30 13.61	

0.520
 0.560
 0.610
 0.670
 0.740
 0.820
 0.910
 1.010
 1.120
 1.240
 1.370
 1.510
 1.670
 1.850
 2.050
 2.270
 2.510
 2.770
 3.050
 3.350
 3.670
 4.010
 4.370
 4.750
 5.150
 5.570
 6.010
 6.470
 6.950
 7.450
 7.970
 8.510
 9.070
 9.650
 10.250
 10.870
 11.510
 12.170
 12.850
 13.550
 14.270
 15.010
 15.770

MS-10 2000 Δ Absolute

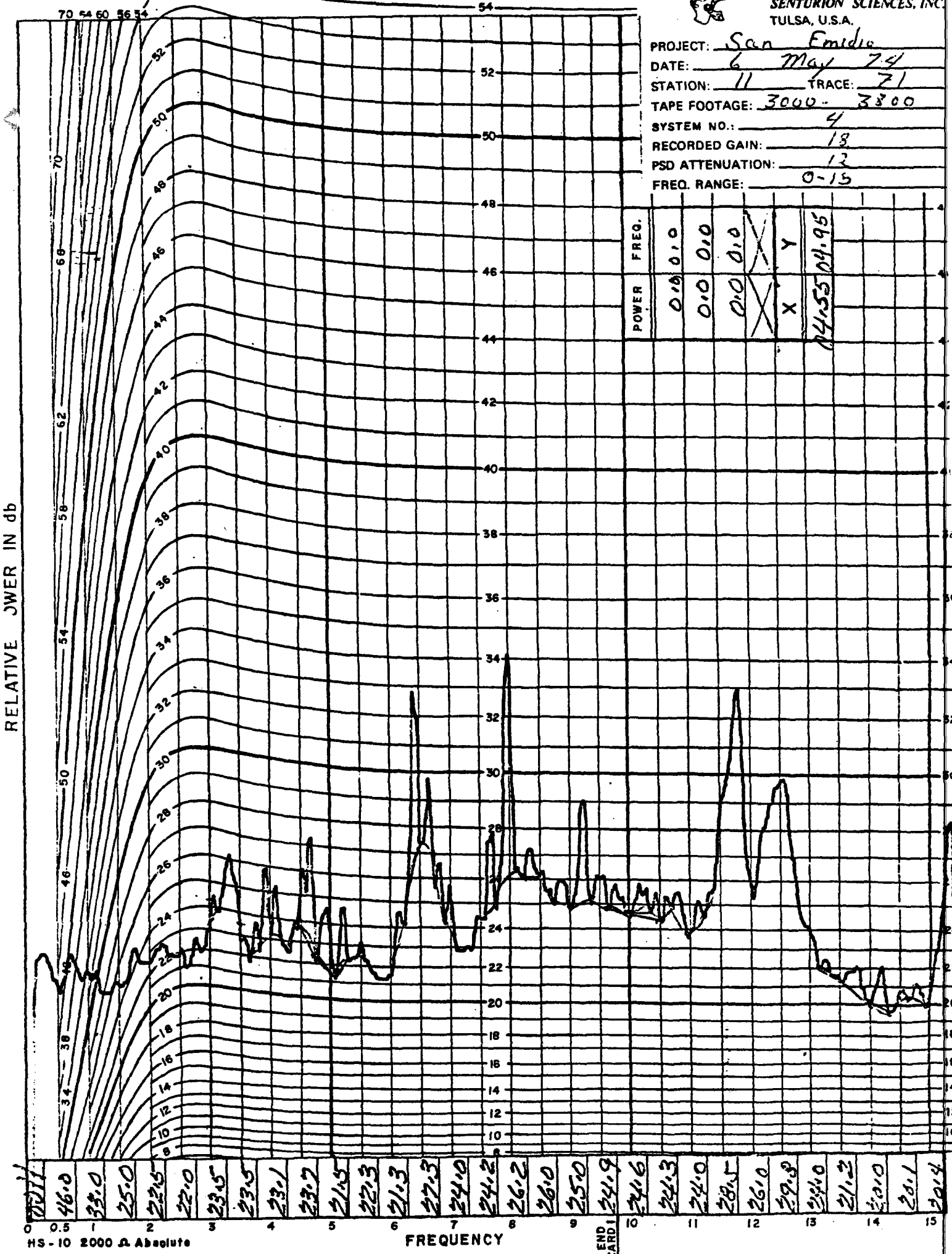
FREQUENCY

END CARD 1



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

PROJECT: San Emidio
 DATE: 6 May 74
 STATION: 11 TRACE: 71
 TAPE FOOTAGE: 3000 - 3800
 SYSTEM NO.: 4
 RECORDED GAIN: 18
 PSD ATTENUATION: 12
 FREQ. RANGE: 0-15



RELATIVE JWVER IN db

0	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15													
46.0	38.0	25.0	22.5	22.0	23.5	23.5	23.1	23.7	21.5	22.3	21.3	27.3	24.0	24.2	26.2	26.0	25.0	24.9	24.6	24.3	24.0	28.5	26.0	29.8	24.0	21.2	20.0	20.1	20.4

HS-10 2000 Ω Absolute

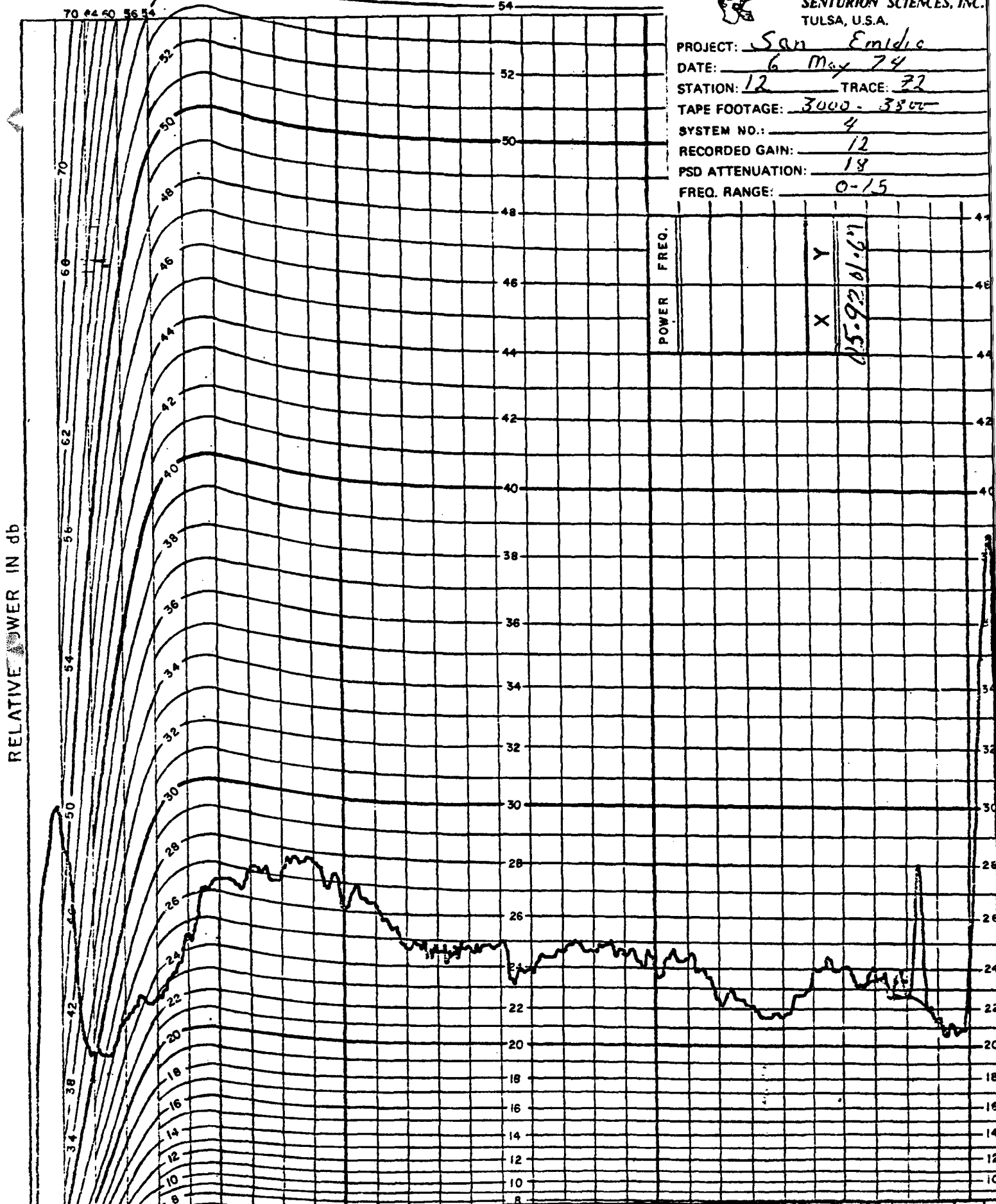
FREQUENCY

END CARD 1



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

PROJECT: San Emidio
 DATE: 6 May 74
 STATION: 12 TRACE: 32
 TAPE FOOTAGE: 3000 - 3800
 SYSTEM NO.: 4
 RECORDED GAIN: 12
 PSD ATTENUATION: 18
 FREQ. RANGE: 0-15



RELATIVE POWER IN db

POWER FREQ.

X Y
 15.92 01.67

54.0	30.0	24.5	27.8	24.5	26.4	27.1	27.0	27.7	26.1	26.3	24.7	24.6	24.8	24.9	24.0	24.1	24.6	24.0	24.4	22.3	22.1	21.7	24.0	24.0	23.5	22.1	21.2	24.0
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

HS-10 2000 Ω Absolute

FREQUENCY

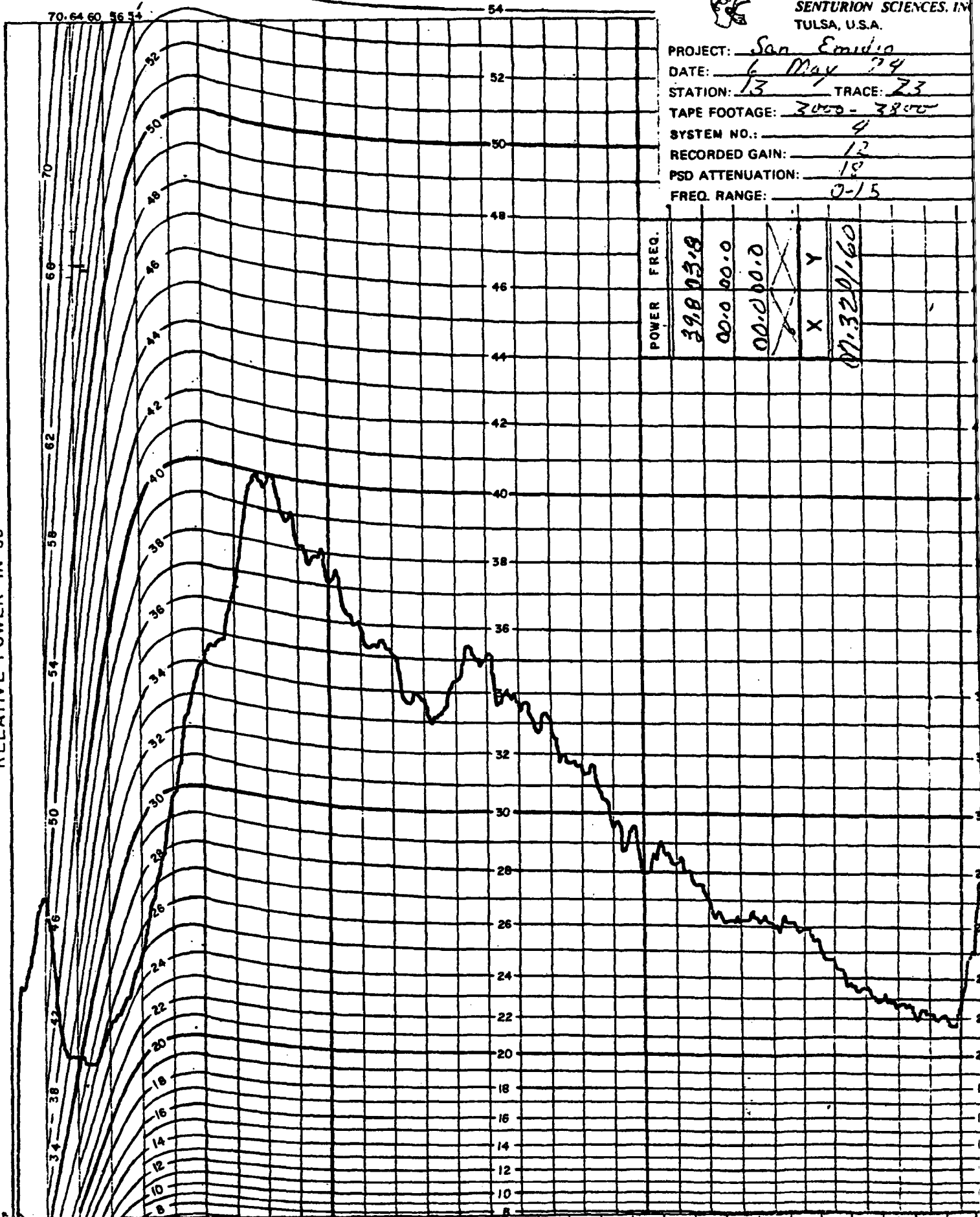
END CARD



PROJECT: San Emidio
 DATE: 6 May 74
 STATION: 13 TRACE: 73
 TAPE FOOTAGE: 3000 - 3800
 SYSTEM NO.: 4
 RECORDED GAIN: 12
 PSD ATTENUATION: 18
 FREQ. RANGE: 0-15

POWER	FREQ.
39.8	03.8
00.0	00.0
00.0	00.0
X	Y
07.320/160	

RELATIVE POWER IN db



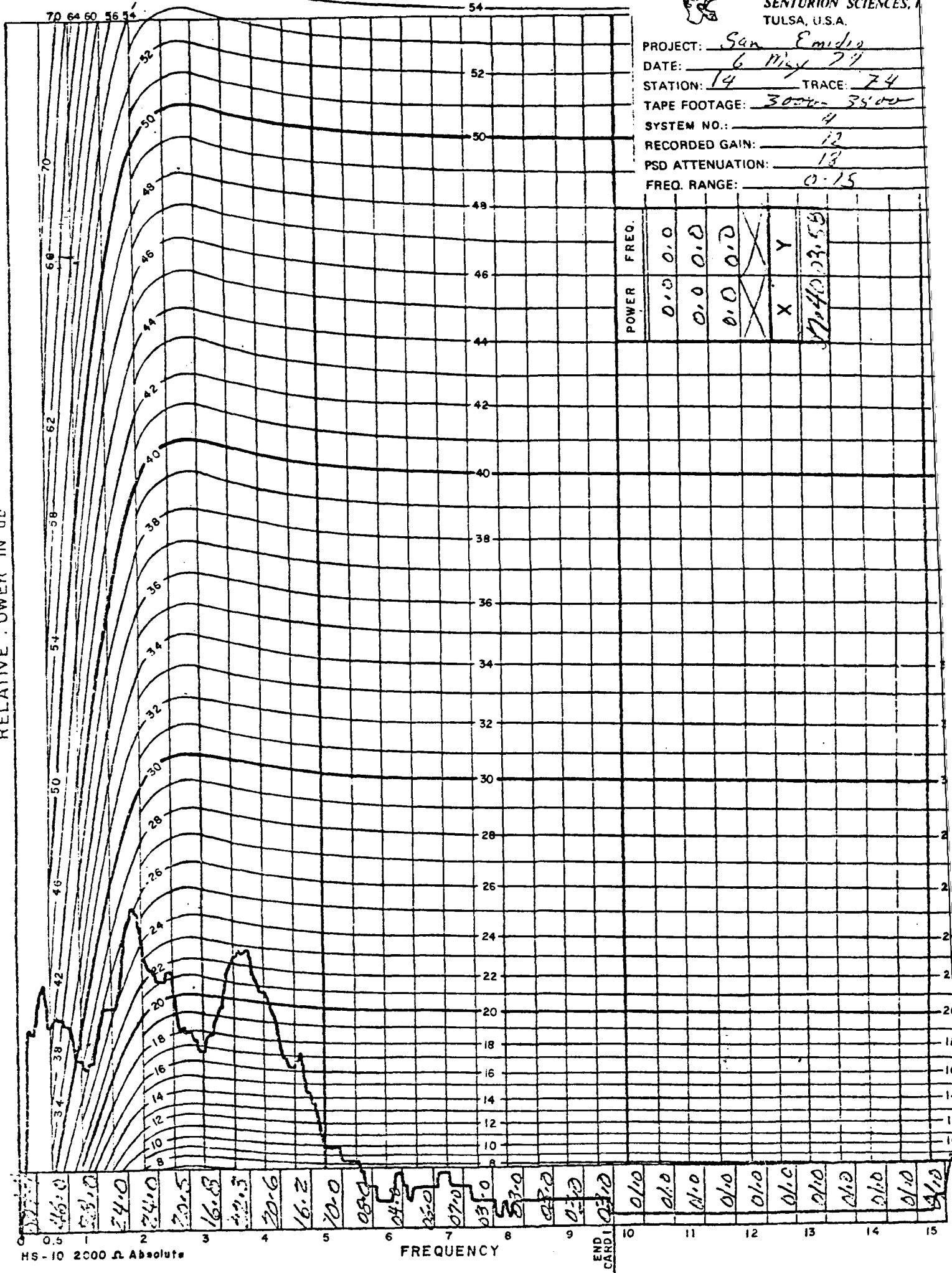
FREQ	RELATIVE POWER (db)
0.5	50.0
1.0	30.0
1.5	25.0
2.0	29.8
2.5	34.0
3.0	25.0
3.5	39.2
4.0	38.1
4.5	37.1
5.0	35.9
5.5	37.1
6.0	33.8
6.5	34.4
7.0	37.0
7.5	37.2
8.0	33.0
8.5	31.1
9.0	29.7
10.0	28.0
10.5	28.3
11.0	27.0
11.5	26.1
12.0	26.1
12.5	26.0
13.0	24.7
13.5	23.4
14.0	22.8
14.5	22.1
15.0	22.7



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

PROJECT: San Emidio
 DATE: 6 May 79
 STATION: 14 TRACE: 74
 TAPE FOOTAGE: 30:00 - 35:00
 SYSTEM NO.: 4
 RECORDED GAIN: 12
 PSD ATTENUATION: 18
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



HS-10 2000 Ω Absolute

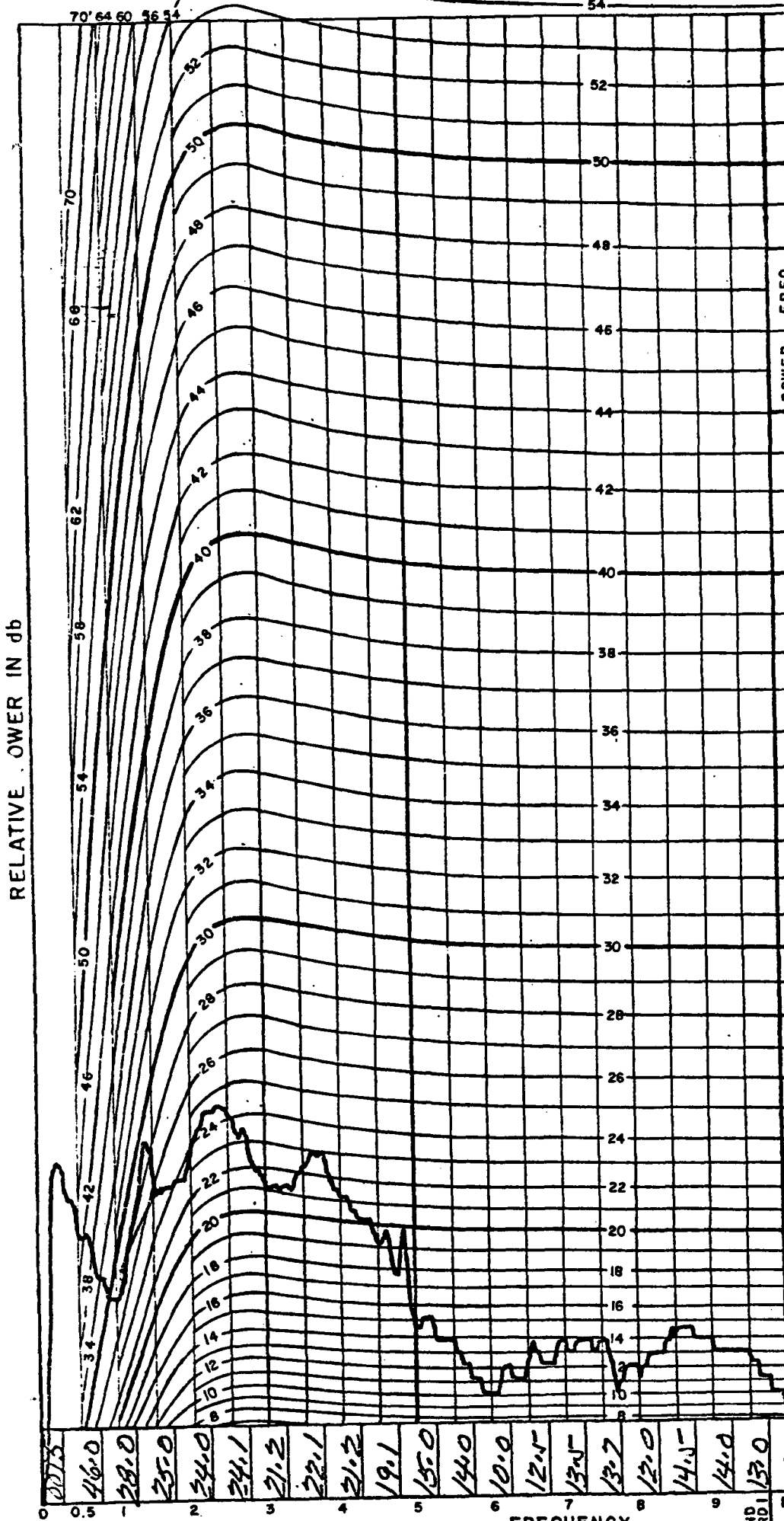
FREQUENCY

END CARD



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

PROJECT: Sqn Emdin
 DATE: 6 May 74
 STATION: 15 TRACE: 25
 TAPE FOOTAGE: 3000 - 3500
 SYSTEM NO.: 4
 RECORDED GAIN: 12
 PSD ATTENUATION: 18
 FREQ. RANGE: 0-15



POWER	FREQ.
0.10	0.10
0.10	0.10
0.10	0.10
X	X
X	Y
06.40 03.51	

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

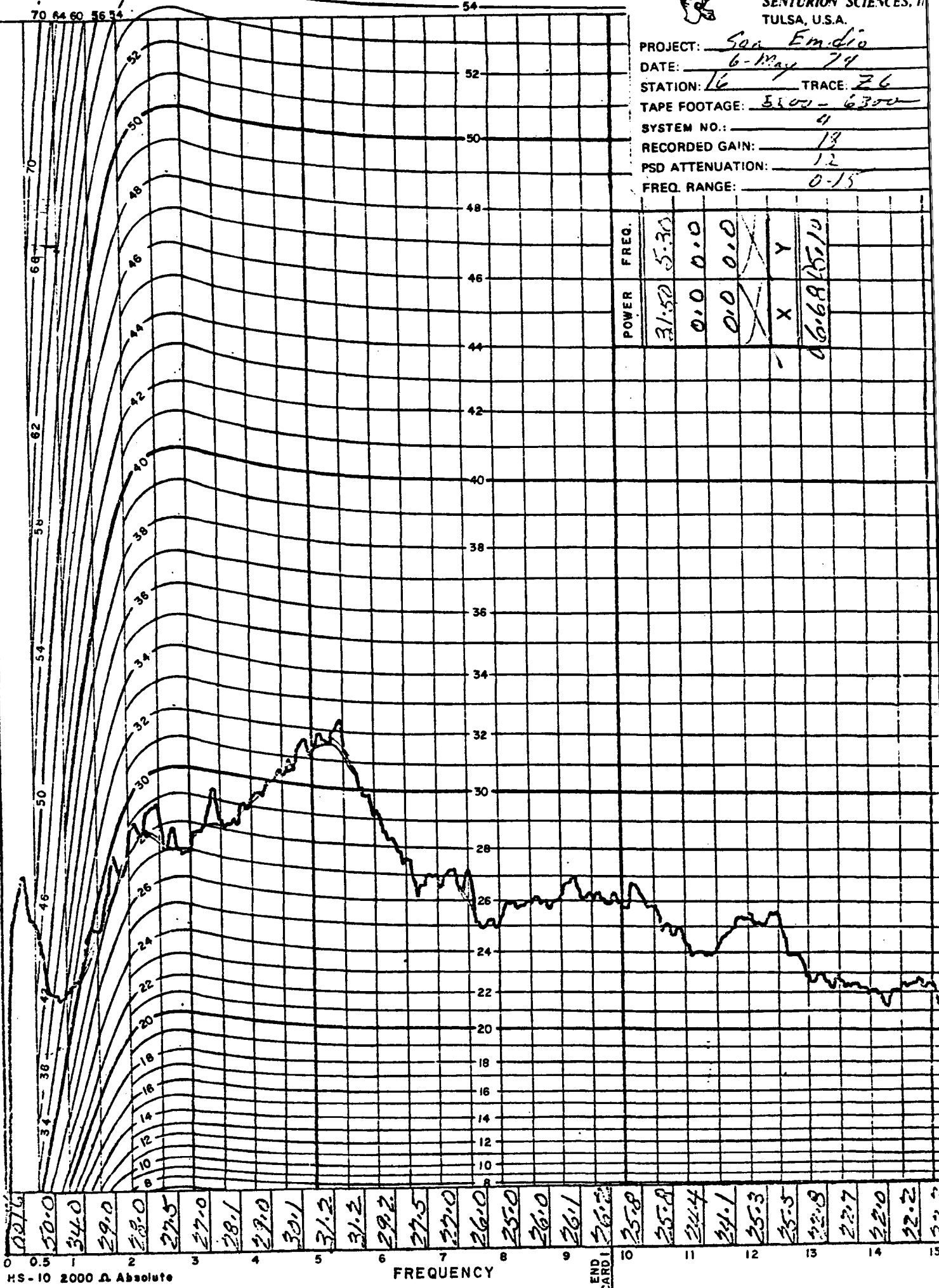
0075
 46.0
 28.0
 25.0
 24.0
 24.1
 21.2
 22.1
 21.2
 19.1
 15.0
 14.0
 10.0
 12.5
 13.5
 13.7
 12.0
 14.5
 14.0
 13.0
 09.0
 10.0
 06.0
 07.0
 07.0
 09.0
 06.0
 08.0
 09.0
 09.0
 15.0



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

PROJECT: Soc. Emilio
 DATE: 6-May 74
 STATION: 16 TRACE: 26
 TAPE FOOTAGE: 5300-6300
 SYSTEM NO.: 4
 RECORDED GAIN: 13
 PSD ATTENUATION: 1.2
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



0.276
 30.0
 34.0
 29.0
 28.0
 27.5
 27.0
 28.1
 29.0
 30.1
 31.2
 31.2
 29.2
 27.5
 27.0
 26.0
 25.0
 26.0
 26.1
 26.2
 25.8
 25.8
 24.4
 24.1
 25.3
 25.5
 22.8
 22.7
 22.0
 22.2
 22.2

HS-10 2000 Ω Absolute

FREQUENCY

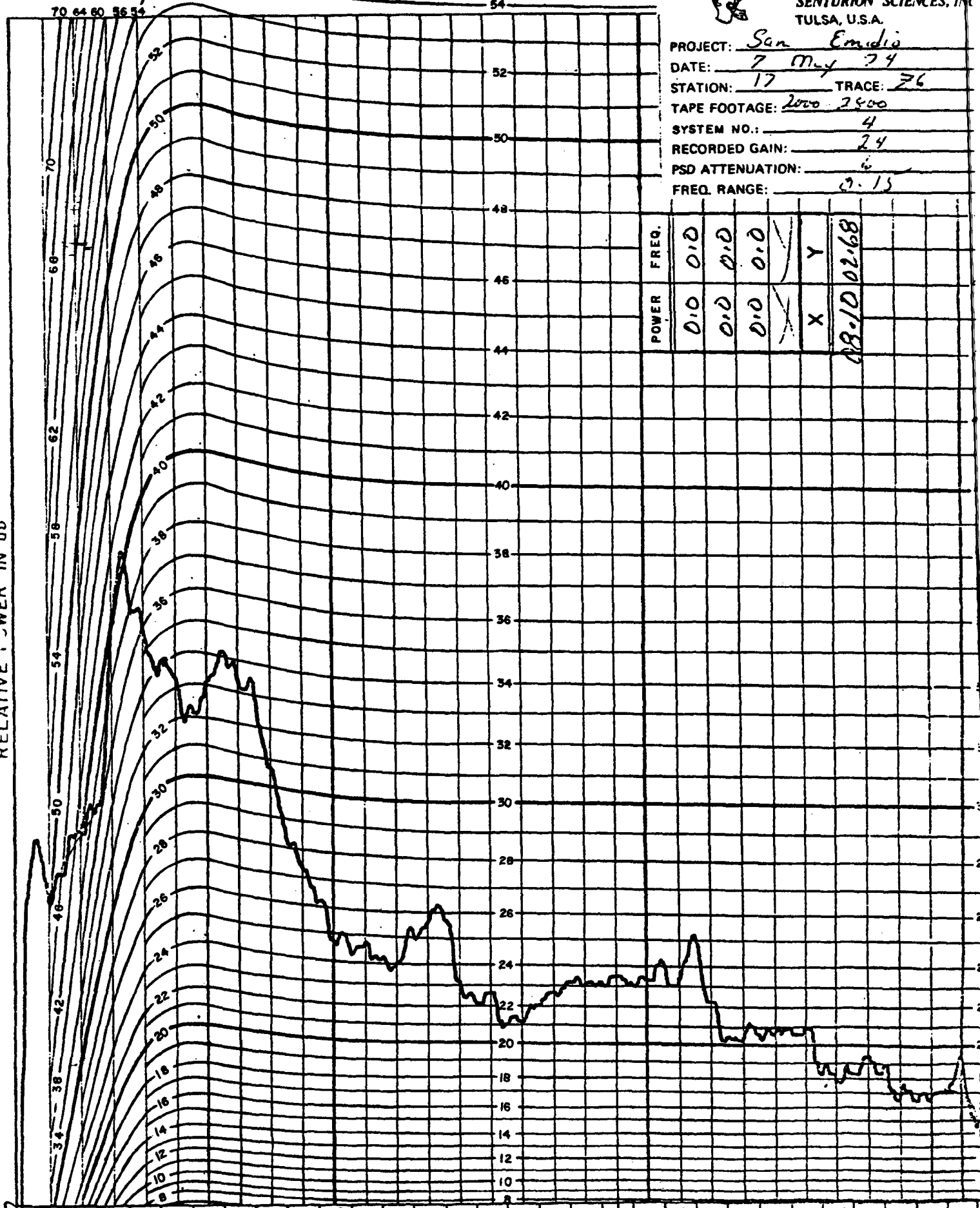
END CARD 1



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

PROJECT: San Emidio
 DATE: 7 May 74
 STATION: 17 TRACE: 76
 TAPE FOOTAGE: 2000-2900
 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	0.0
0.0	0.0
X	Y
08-10 02.68	

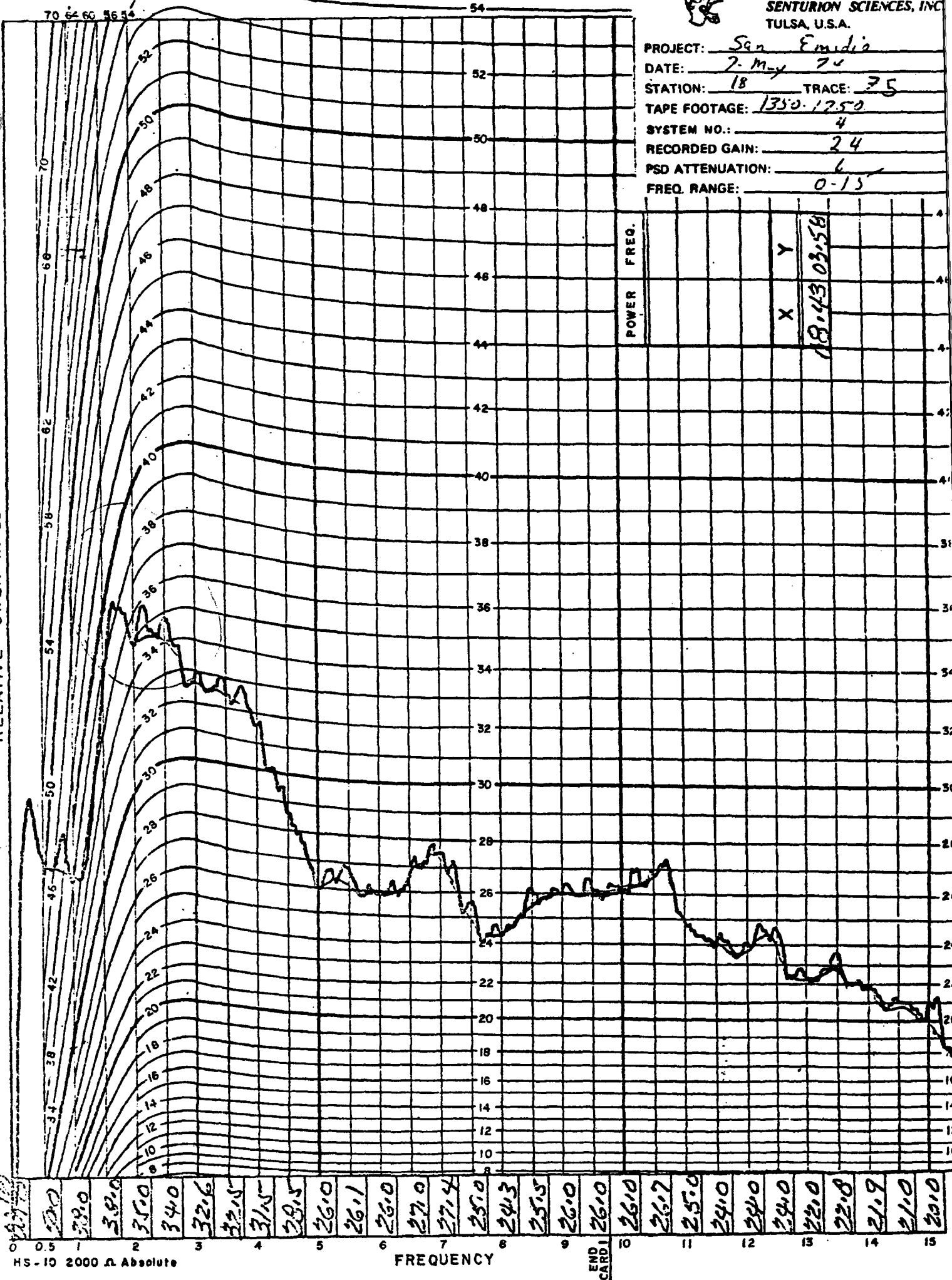
0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
 HS-10 2000 A Absolute FREQUENCY
 END CARD 1 23.5 23.2 23.2 22.1 20.2 20.9 20.9 18.0 19.2 17.0 17.0



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

PROJECT: San Emdia
 DATE: 2 May 74
 STATION: 18 TRACE: 75
 TAPE FOOTAGE: 1350-1750
 SYSTEM NO.: 4
 RECORDED GAIN: 24
 PSD ATTENUATION: 6
 FREQ. RANGE: 0-15

RELATIVE POWER IN db



HS-10 2000 Ω Absolute

FREQUENCY

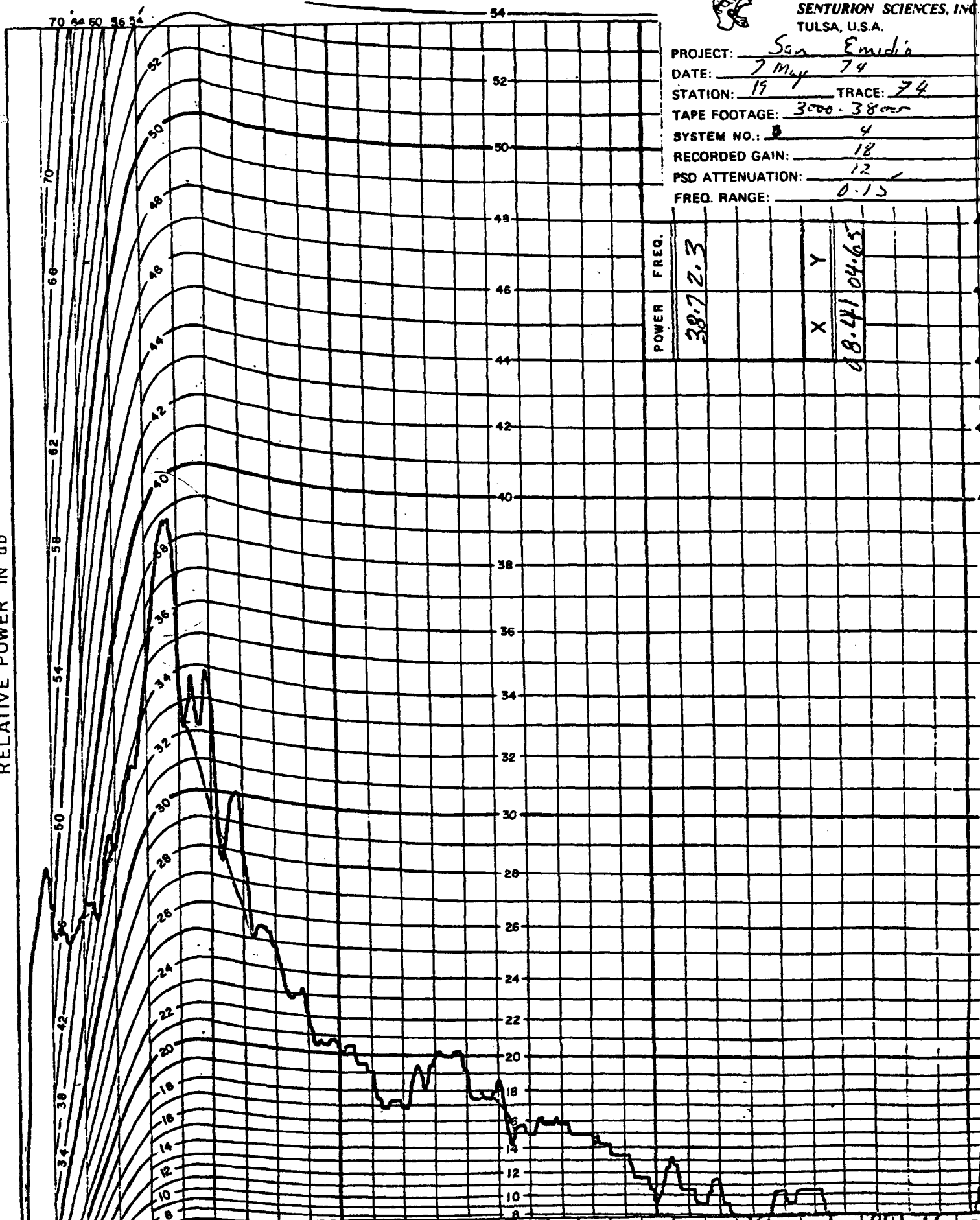
END CARD



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

PROJECT: San Emidio
 DATE: 7 May 74
 STATION: 19 TRACE: 74
 TAPE FOOTAGE: 3000 - 3800
 SYSTEM NO.: 8
 RECORDED GAIN: 4
 PSD ATTENUATION: 18
 FREQ. RANGE: 0.15

RELATIVE POWER IN db



POWER	FREQ.
38.7	2.3
X	Y
18.41	04.65

HS-10 2000 Ω Absolute

FREQUENCY

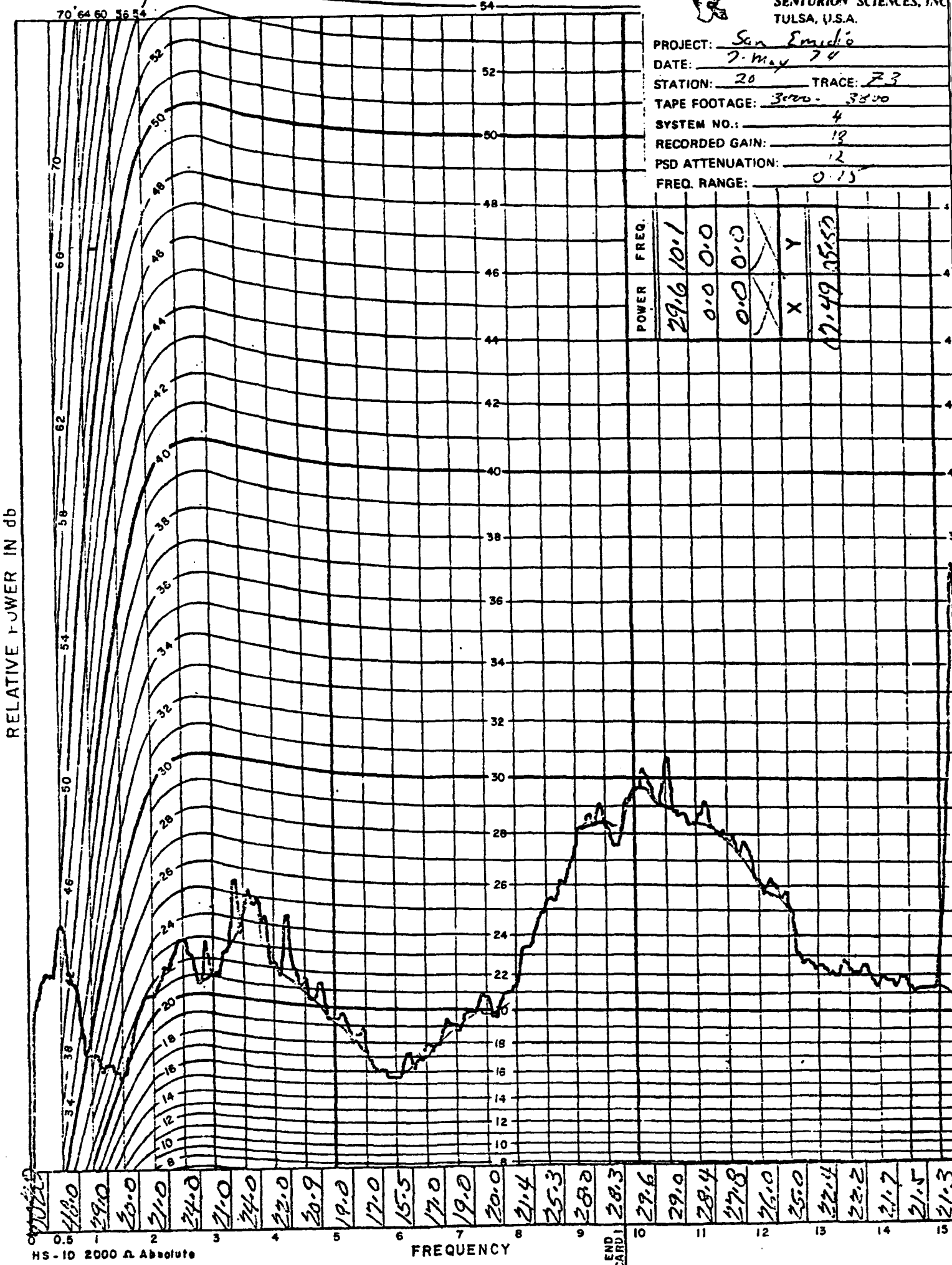
END CARD 1

19.19
 50.0
 38.0
 33.0
 35.0
 34.0
 29.2
 26.0
 24.9
 22.0
 20.1
 19.0
 17.0
 20.0
 19.0
 17.0
 15.0
 15.9
 15.0
 13.3
 10.0
 10.5
 11.0
 08.6
 10.0
 10.3
 06.0
 06.0
 06.0
 08.0
 08.0
 08.0
 08.0



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

PROJECT: San Emidio
 DATE: 7 May 74
 STATION: 20 TRACE: 23
 TAPE FOOTAGE: 3000 - 3800
 SYSTEM NO.: 4
 RECORDED GAIN: 12
 PSD ATTENUATION: 12
 FREQ. RANGE: 0.15



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

8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70

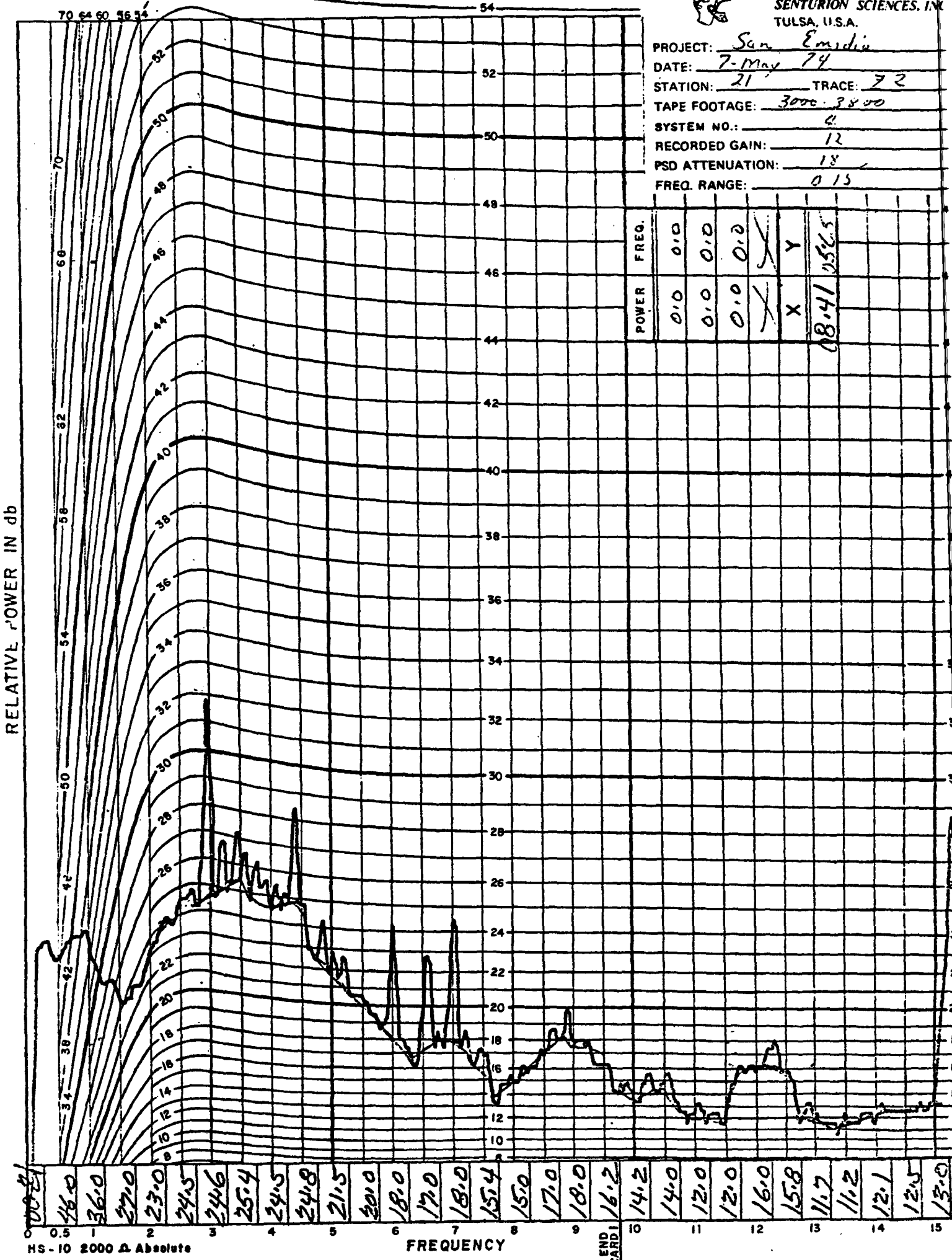
0.002
 40.0
 29.0
 20.0
 21.0
 24.0
 21.0
 24.0
 22.0
 20.9
 19.0
 17.0
 15.5
 17.0
 19.0
 20.0
 21.4
 25.3
 28.0
 28.3
 27.6
 29.0
 28.4
 27.8
 26.0
 25.0
 22.4
 22.2
 21.7
 21.5
 21.3

END CARD 1



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

PROJECT: San Emsdin
 DATE: 7-May 74
 STATION: 21 TRACE: 72
 TAPE FOOTAGE: 3000-3800
 SYSTEM NO.: 4
 RECORDED GAIN: 12
 PSD ATTENUATION: 18
 FREQ. RANGE: 0.15



POWER	FREQ.
0.0	0.0
0.0	0.0
0.0	0.0
X	X
X	Y
08.41 0565	

0021
 46.0
 36.0
 27.0
 23.0
 24.5
 24.6
 25.4
 24.5
 24.8
 21.5
 20.0
 18.0
 17.0
 18.0
 15.4
 15.0
 17.0
 18.0
 16.2
 14.2
 14.0
 12.0
 12.0
 16.0
 15.8
 11.7
 11.2
 12.1
 12.5
 13.0

HS-10 2000 Ω Absolute

FREQUENCY

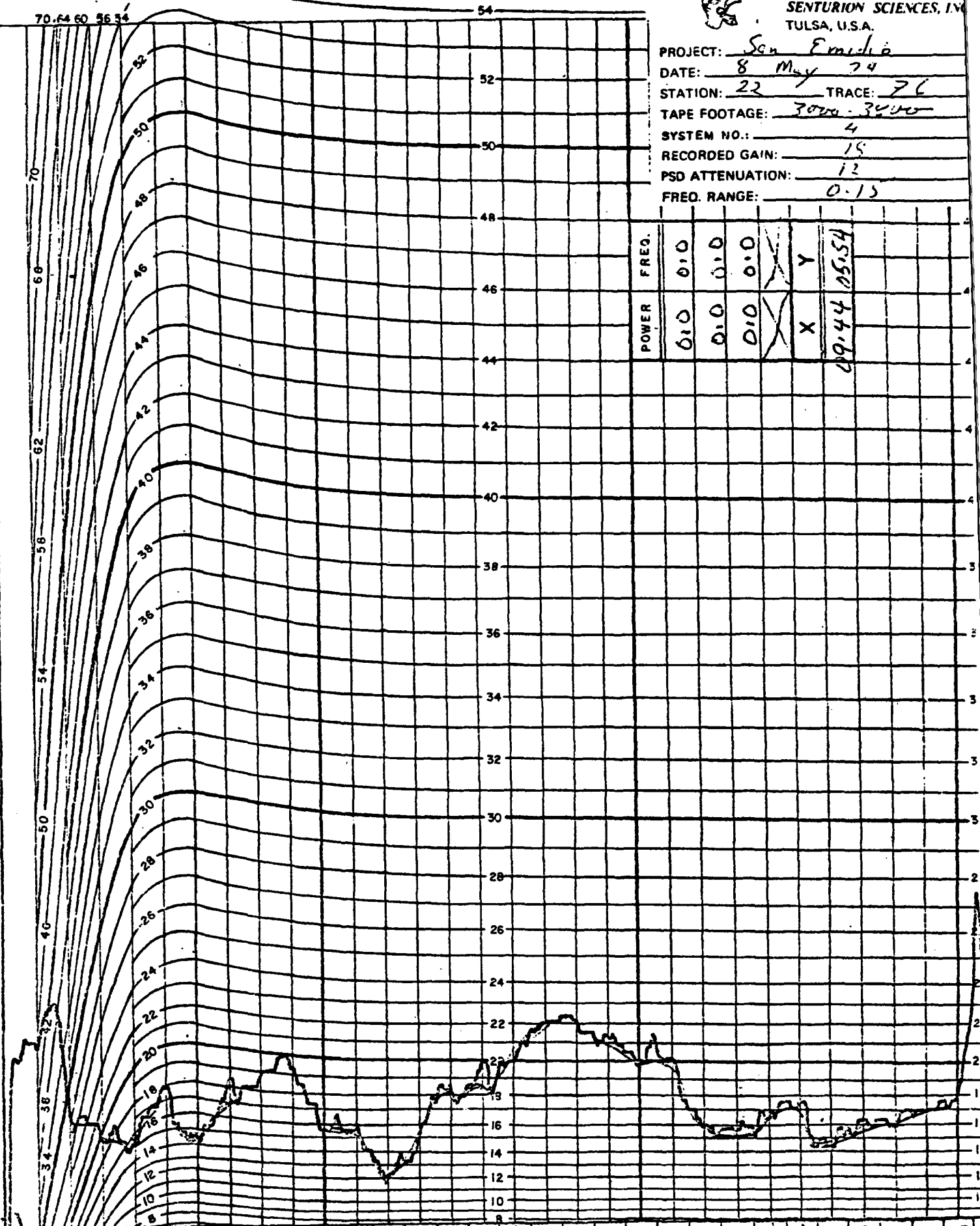
END CARD 1

70.64 60 56 54

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

PROJECT: Sen Emilia
 DATE: 8 May 74
 STATION: 22 TRACE: 76
 TAPE FOOTAGE: 3000-3400
 SYSTEM NO.: 4
 RECORDED GAIN: 15
 PSD ATTENUATION: 12
 FREQ. RANGE: 0.15

RELATIVE POWER IN db



POWER	FREQ.
0.10	0.10
0.10	0.10
0.10	0.10
X	Y
09.44 05.54	

MS-10 2000 Ω Absolute

FREQUENCY

END CARD

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

46.0
30.0
20.0
15.0
18.0
14.4
17.0
19.0
19.2
15.4
15.4
12.0
15.0
18.0
18.4
20.5
22.0
22.0
20.0
16.0
15.0
16.5
17.5
14.2
15.4
16.0
17.0
18.0

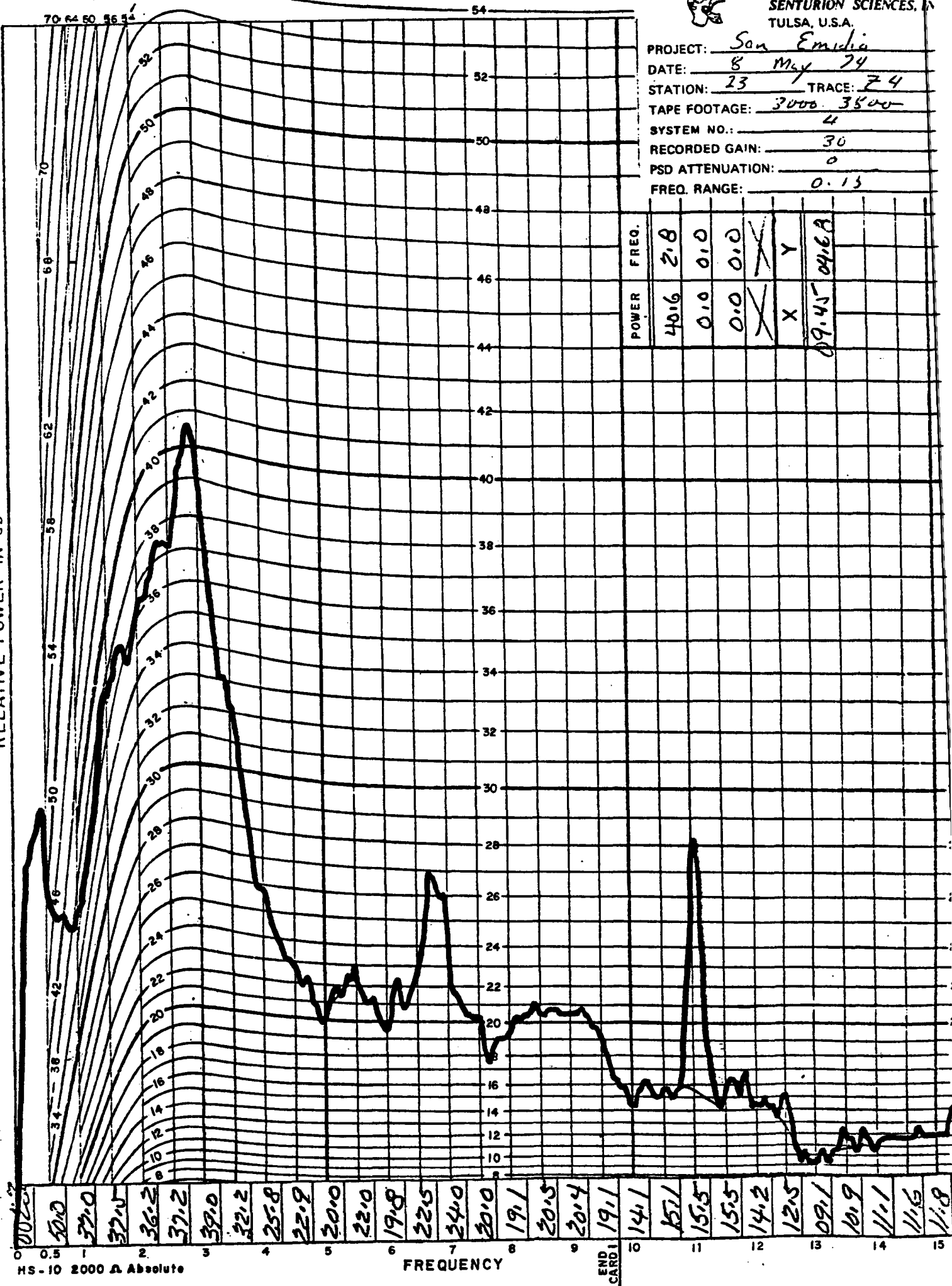


SENTURION SCIENCES, INC.
TULSA, U.S.A.

PROJECT: San Emedia
 DATE: 8 May 74
 STATION: 23 TRACE: 74
 TAPE FOOTAGE: 3000-3500
 SYSTEM NO.: 4
 RECORDED GAIN: 30
 PSD ATTENUATION: 0
 FREQ. RANGE: 0.13

RELATIVE POWER IN db

POWER	FREQ.
40.6	2.8
0.0	0.0
0.0	0.0
X	X
X	Y
09.45	09.6A



0020	50.0	37.0	37.0	36.2	37.2	39.0	32.2	25.8	22.9	20.0	22.0	19.8	22.5	24.0	20.0	19.1	20.5	20.4	19.1	14.1	15.1	15.5	15.5	14.2	12.5	09.1	10.9	11.1	11.6	11.8	
0	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15															

HS-10 2000 A Absolute

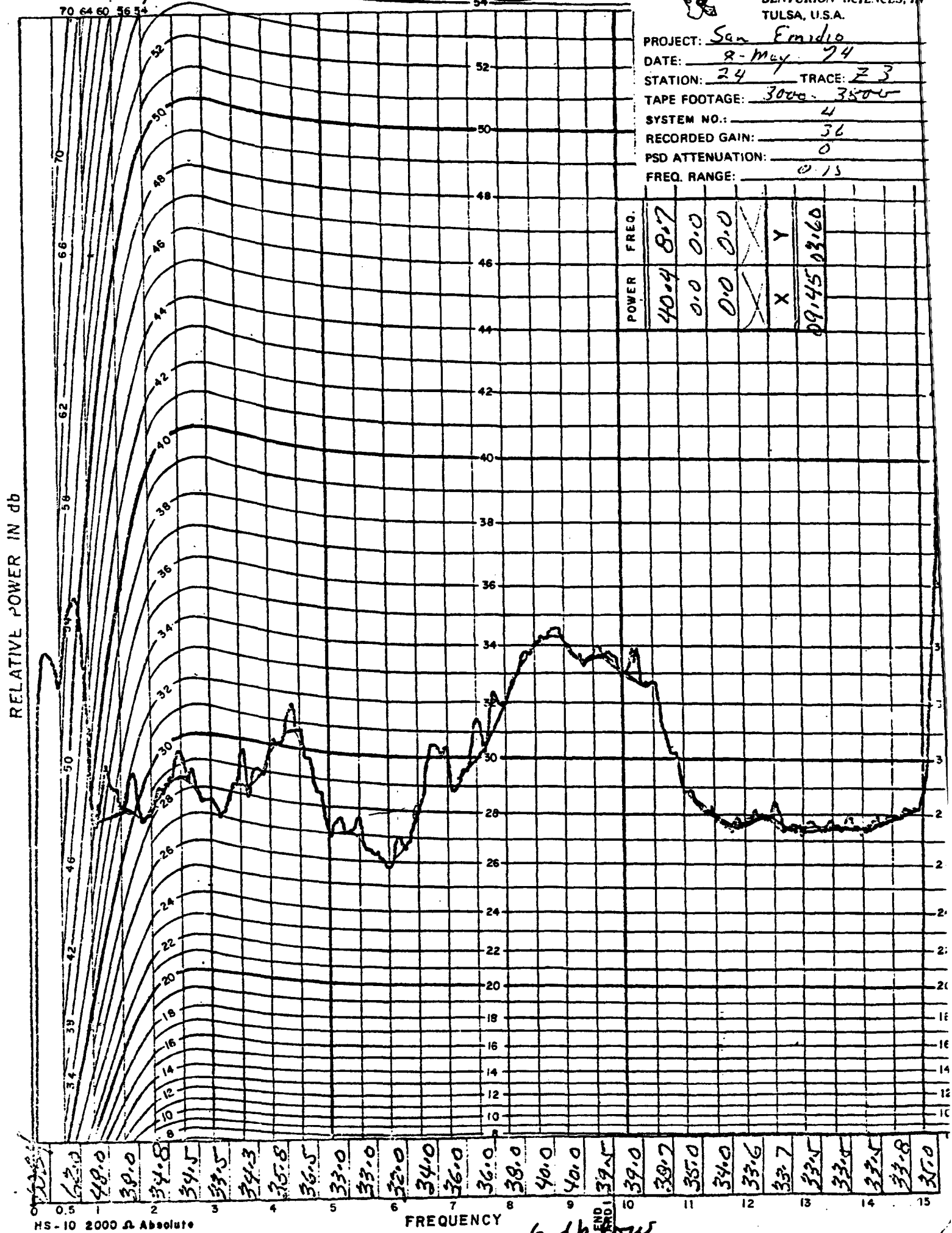
FREQUENCY

END CARD 1



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

PROJECT: San Emidio
 DATE: 2-May-74
 STATION: 24 TRACE: Z3
 TAPE FOOTAGE: 3000-3500
 SYSTEM NO.: 4
 RECORDED GAIN: 36
 PSD ATTENUATION: 0
 FREQ. RANGE: 0.13



RELATIVE POWER IN db

FREQUENCY

HS-10 2000 Ω Absolute

6 db $\frac{1}{\sqrt{2}}$ power

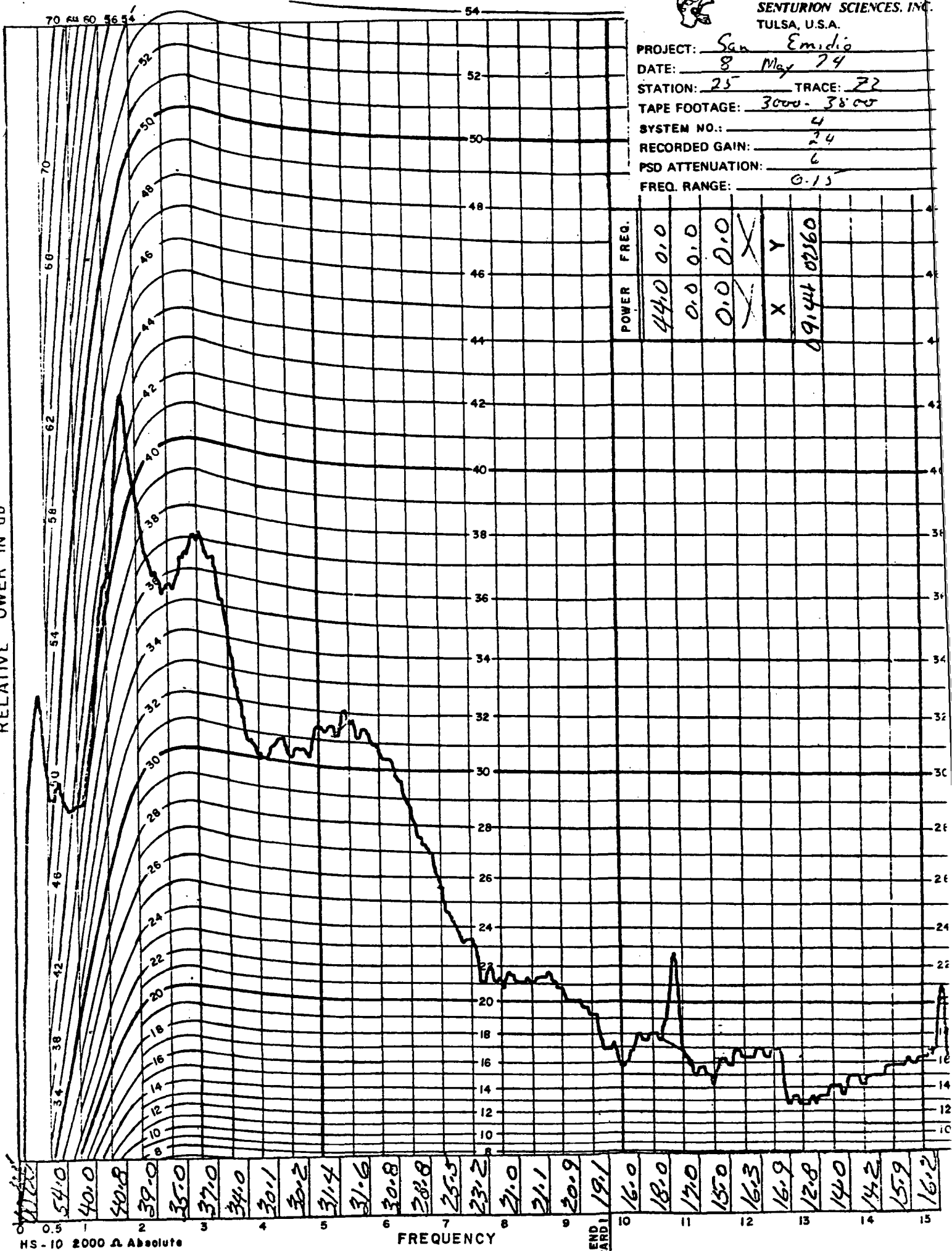
50.5
 48.0
 38.0
 34.8
 34.5
 33.5
 34.3
 35.8
 36.5
 33.0
 33.0
 32.0
 34.0
 36.0
 36.0
 38.0
 40.0
 40.0
 39.5
 39.0
 39.7
 35.0
 34.0
 33.6
 33.7
 33.5
 33.8
 33.5
 33.8
 30.0



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

PROJECT: San Emidio
 DATE: 8 May 79
 STATION: 25 TRACE: 72
 TAPE FOOTAGE: 3000 - 3800
 SYSTEM NO.: 4
 RECORDED GAIN: 24
 PSD ATTENUATION: 6
 FREQ. RANGE: 0.15

RELATIVE POWER IN db



54.0	40.0	40.8	39.0	35.0	37.0	34.0	30.1	30.2	31.4	31.6	30.8	28.8	25.5	23.2	21.0	21.1	20.9	19.1	16.0	18.0	17.0	15.0	16.3	16.9	12.8	14.0	14.2	15.9	16.2
0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15														

HS-10 2000 Ω Absolute

FREQUENCY

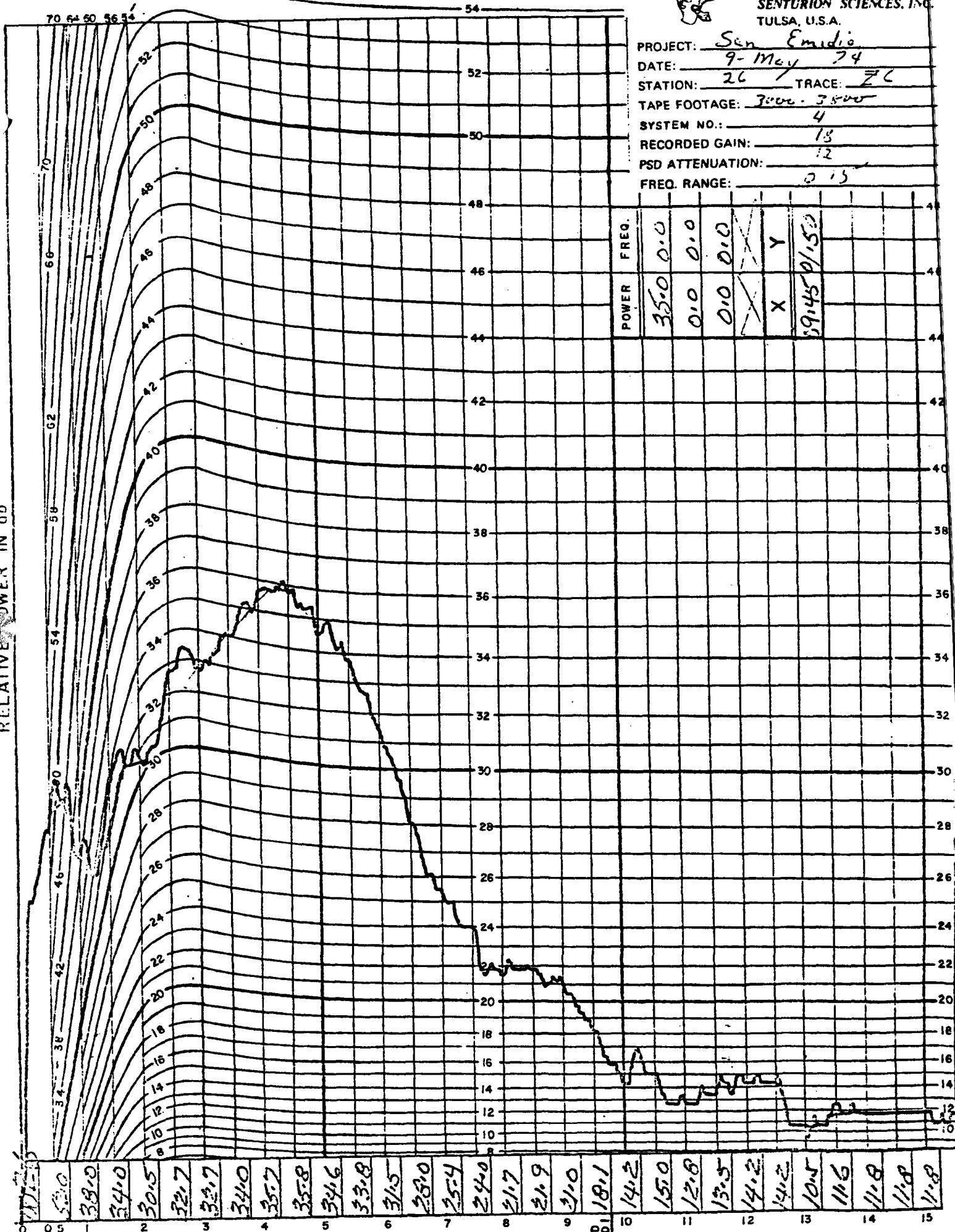
END CARD 1



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

PROJECT: San Emedio
 DATE: 9-May 74
 STATION: 26 TRACE: ZC
 TAPE FOOTAGE: 3000-3500
 SYSTEM NO.: 4
 RECORDED GAIN: 13
 PSD ATTENUATION: 12
 FREQ. RANGE: 0.15

RELATIVE POWER IN db



POWER	FREQ.
35.0	0.0
0.0	0.0
0.0	0.0
X	Y
39.45 0.15	

HS-10 2000 Ω Absolute

FREQUENCY

END CARD

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

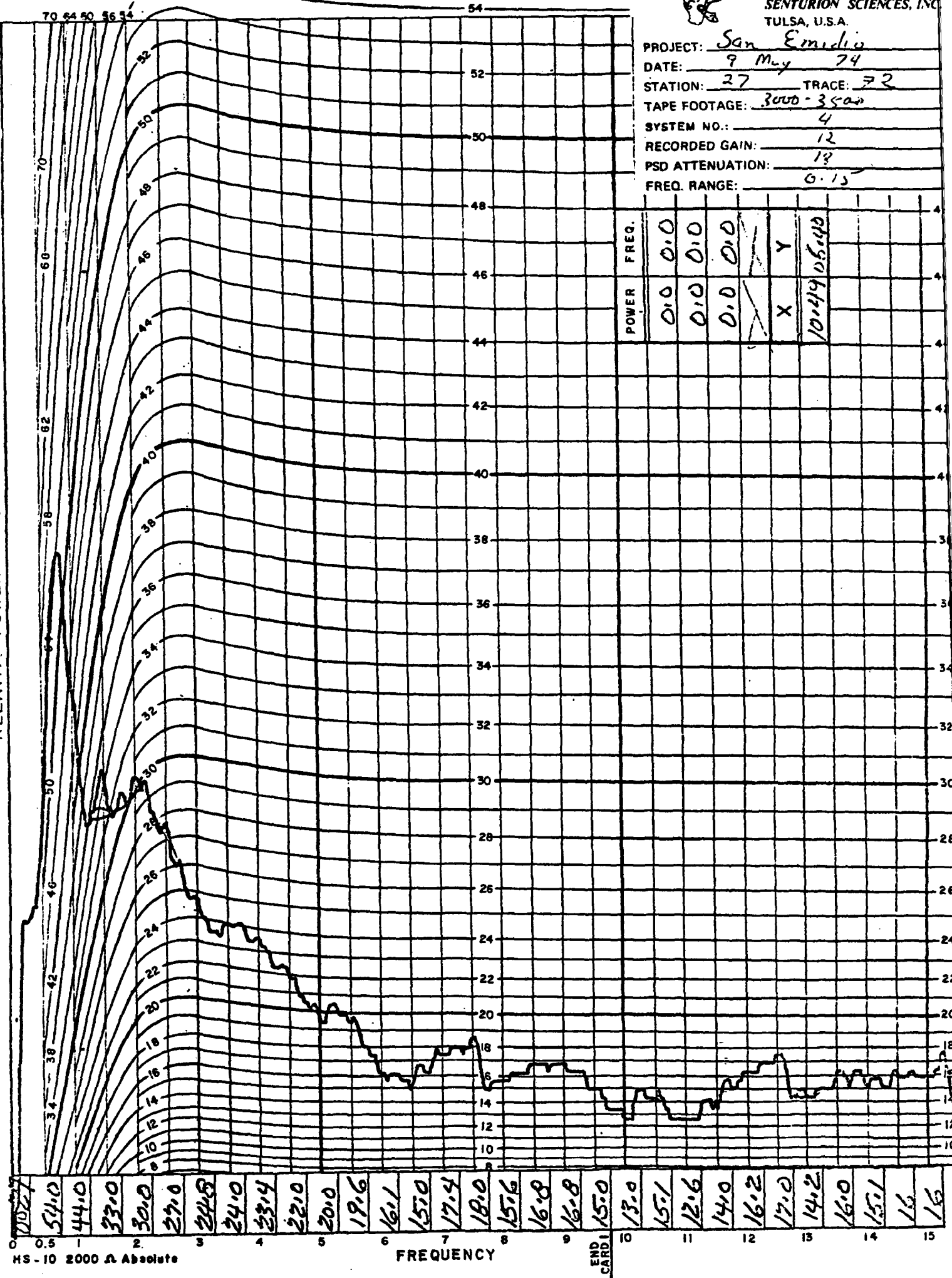
17.5
17.0
16.5
16.0
15.5
15.0
14.5
14.0
13.5
13.0
12.5
12.0
11.5
11.0
10.5
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5



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

PROJECT: San Emedio
 DATE: 9 May 74
 STATION: 27 TRACE: 72
 TAPE FOOTAGE: 3000-3500
 SYSTEM NO.: 4
 RECORDED GAIN: 12
 PSD ATTENUATION: 18
 FREQ. RANGE: 0.15

RELATIVE POWER IN db



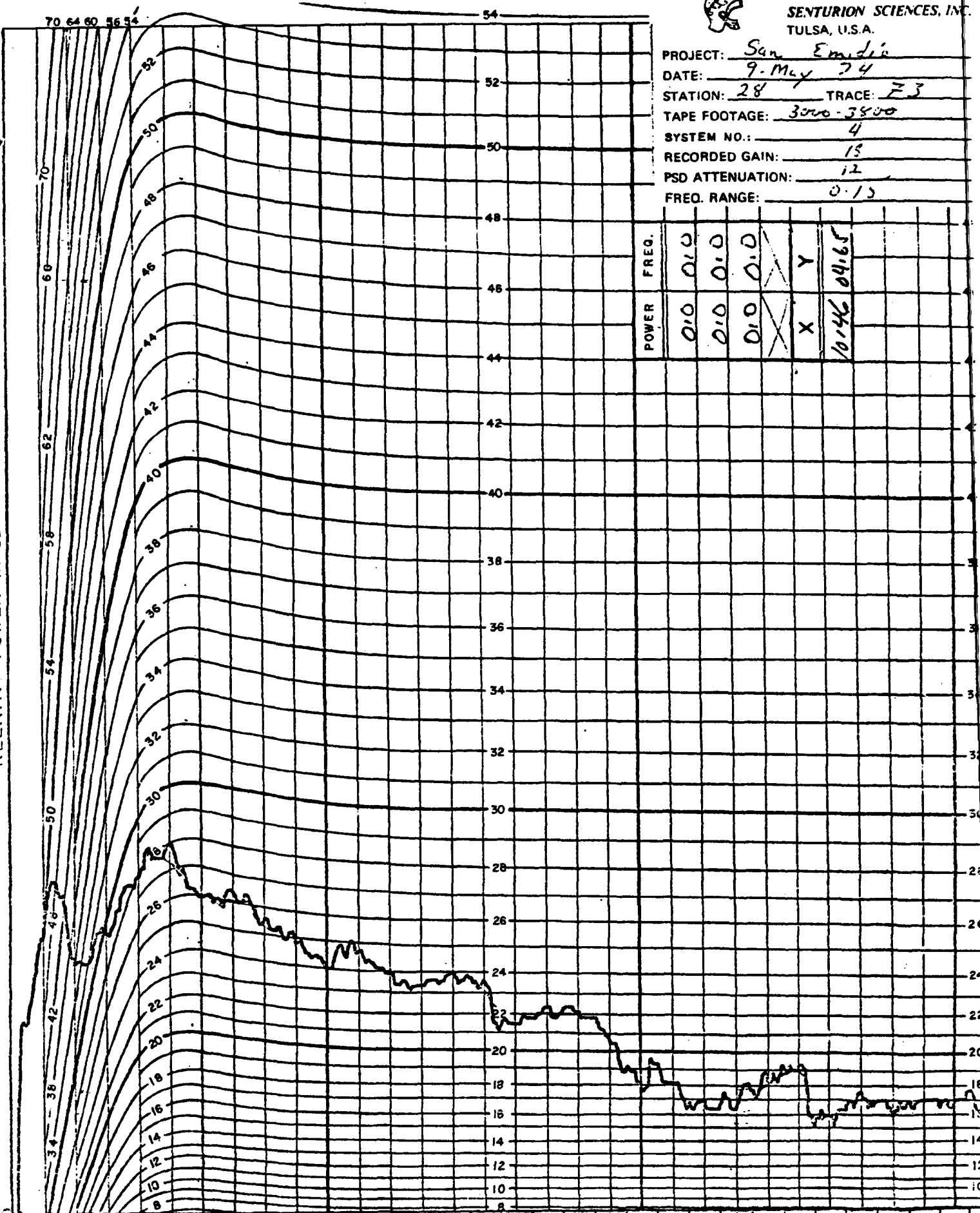
0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
 HS-10 2000 Ω Absolute
 FREQUENCY
 END CARD 1

0.27
 54.0
 44.0
 33.0
 30.0
 27.0
 24.8
 24.0
 23.4
 22.0
 20.0
 19.6
 16.1
 15.0
 17.4
 18.0
 15.6
 16.8
 16.8
 15.0
 13.0
 15.1
 12.6
 14.0
 16.2
 17.0
 14.2
 16.0
 15.1
 16
 16



PROJECT: San Emedia
 DATE: 9-May 74
 STATION: 28 TRACE: F3
 TAPE FOOTAGE: 3000-3800
 SYSTEM NO.: 4
 RECORDED GAIN: 15
 PSD ATTENUATION: 12
 FREQ. RANGE: 0.15

RELATIVE POWER IN db



POWER	FREQ.
0.0	0.0
0.0	0.0
0.0	0.0
X	Y
10.46	0.465

HS-10 2000 μ Absolute

FREQUENCY

END CARD 1

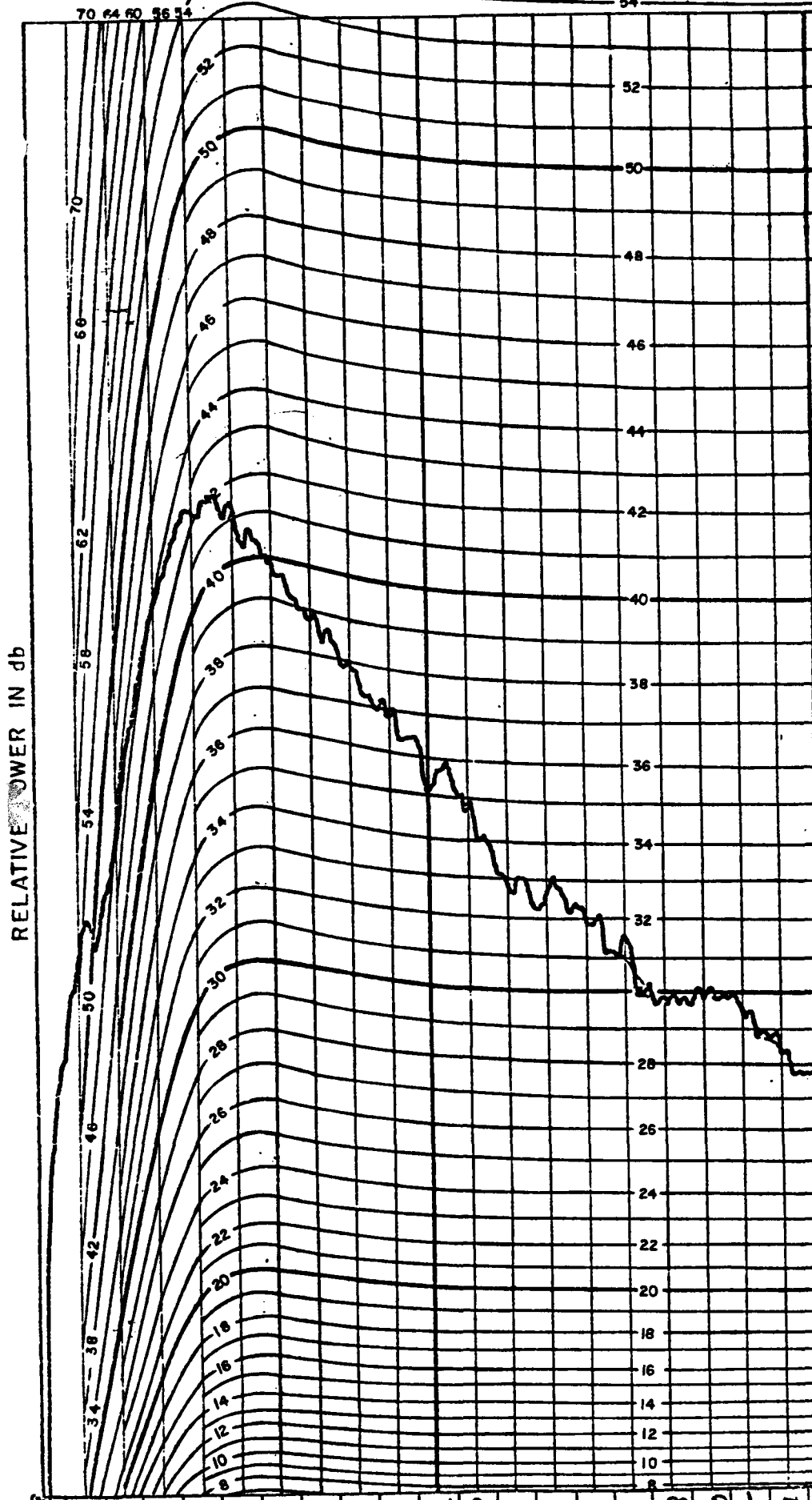
12.1
 10.0
 36.0
 30.0
 28.0
 27.4
 26.0
 26.0
 25.3
 25.0
 24.0
 24.7
 24.0
 23.3
 21.9
 23.0
 21.4
 22.0
 22.0
 20.5
 18.0
 18.1
 16.9
 16.5
 18.0
 19.0
 16.0
 17.0
 16.2
 17.0
 17.0

(6 db Low)



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

PROJECT: Sco Emilio
 DATE: 9-May 70
 STATION: 29 TRACE: 24
 TAPE FOOTAGE: 2000-2505
 SYSTEM NO.: 4
 RECORDED GAIN: 30
 PSD ATTENUATION: 0
 FREQ. RANGE: 0-15



POWER	FREQ.
0.0	0.0
0.0	0.0
0.0	0.0
X	Y
10.4803.63	

60.0
50.0
50.0
48.3
47.0
45.9
44.9
43.9
43.0
41.2
40.8
38.9
38.7
38.0
37.0
35.8
37.0
35.5
34.4
33.1
32.6
32.2
31.7
32.0
31.7
30.0
30.2
29.8
29.5
29.5

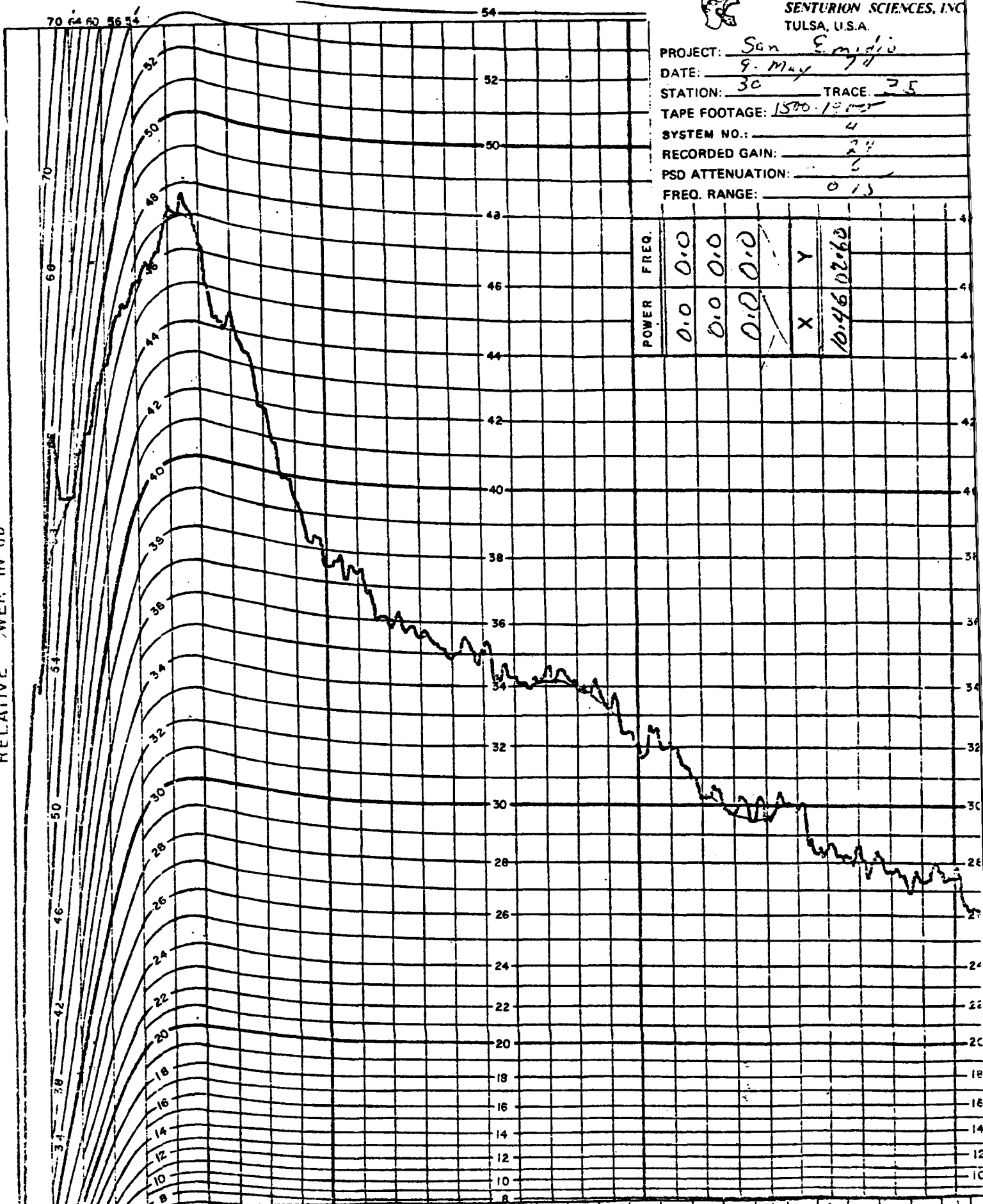
HS-10 2000 Ω Absolute
 FREQUENCY
 6 db low as plotted
 END CARD 1



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

PROJECT: San Emilio
 DATE: 9 May 71
 STATION: 30 TRACE: 25
 TAPE FOOTAGE: 1500-1000
 SYSTEM NO.: 4
 RECORDED GAIN: 24
 PSD ATTENUATION: 6
 FREQ. RANGE: 0.15

RELATIVE POWER IN db



POWER	FREQ.	X	Y
0.0	0.0		
0.0	0.0		
0.0	0.0		
X	Y		
			10.46 02060

66.0	52.0	48.0	46.3	47.0	46.2	44.0	41.8	39.4	37.5	36.0	37.6	34.9	35.1	34.3	34.2	34.0	33.3	32.0	32.0	30.3	29.7	29.5	30.0	28.4	28.0	27.7	27.3	27.5	
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