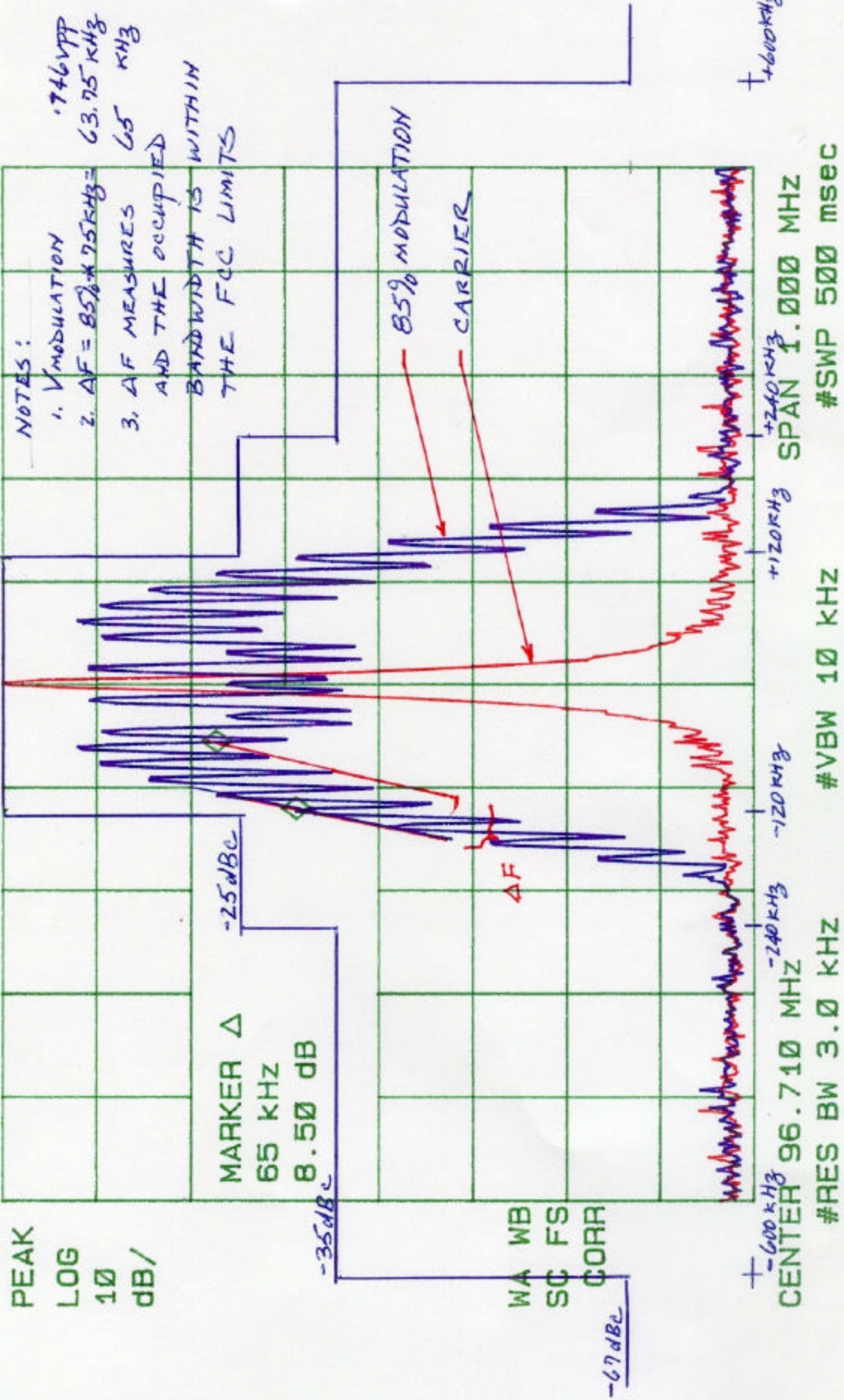


OUTPUT OF MT250 @ 250W, MONAURAL MODE w/ FM @ 15 KHZ & 85% MODULATION
 AND CARRIER

REF -2.0 dBm #ATTEN 30 dB

MKR Δ 65 KHZ
 8.50 dB

PEAK
 LOG
 10
 dB/

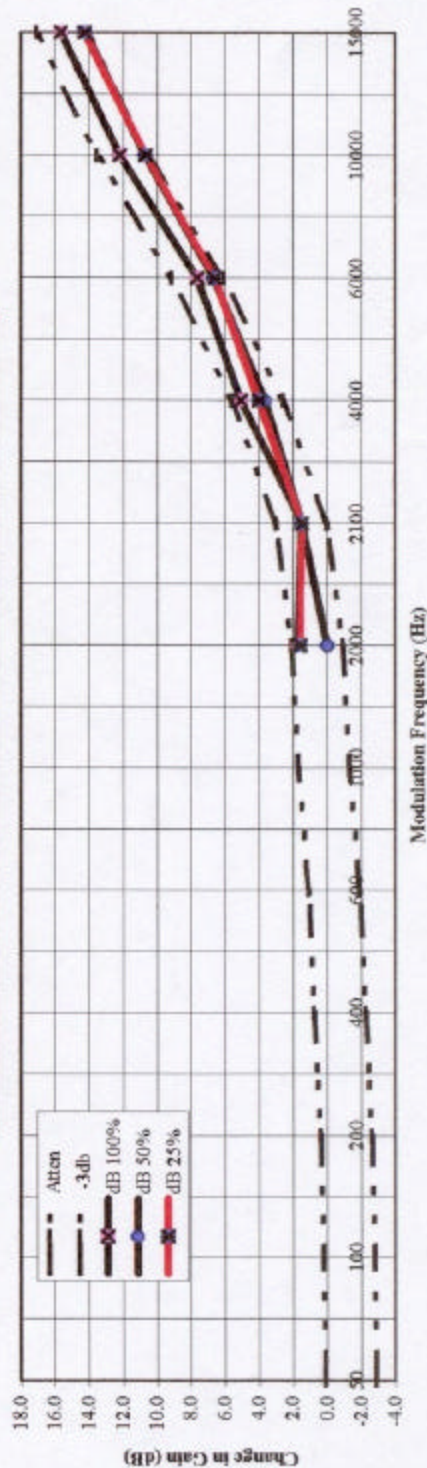


AURAL FREQUENCY RESPONSE FOR MT250

FCC Limits		Data for modulation @:			Index of Modulation			Relative*			Relative		
		100%	50%	25%	100%	50%	25%	100%	50%	25%	100%	50%	25%
FM	Atten	72mvpp dBc	28mvpp dBc	9.0mvpp dBc	m	m	#	m*FM kHz	50%Mod dB	50%Mod kHz	m*FM kHz	25%Mod dB	25%Mod kHz
50	0.1	-2.9											
100	0.2	-2.8											
200	0.4	-2.6											
400	0.8	-2.2											
600	1.1	-1.9											
1000	1.7	-1.3											
2000	2.1	-0.9	5.83	11.60	1.022	0.526	0.200	2044	1.75	1052	400	1.58	
2100	3.0	0.0	6.00	12.00	1.002	0.502	0.159	2105	1.50	1055	334	1.50	
4000	5.6	2.6	8.02	15.43	0.794	0.338	0.111	3178	5.08	1354	446	4.02	
6000	9.1	6.1	8.98	15.95	0.711	0.319	0.100	4268	7.64	1913	601	6.61	
10000	13.6	10.6	8.87	16.36	0.720	0.304	0.096	7203	12.19	3041	957	10.66	
15000	17.1	14.1	8.94	16.40	0.715	0.303	0.097	10718	15.64	4541	1453	14.28	

Note: Tested MT250 on 5/31/01 by CEA. Results: Passed

Standard Pre-emphasis Curve for a Time Constant of 75 usec in Monaural



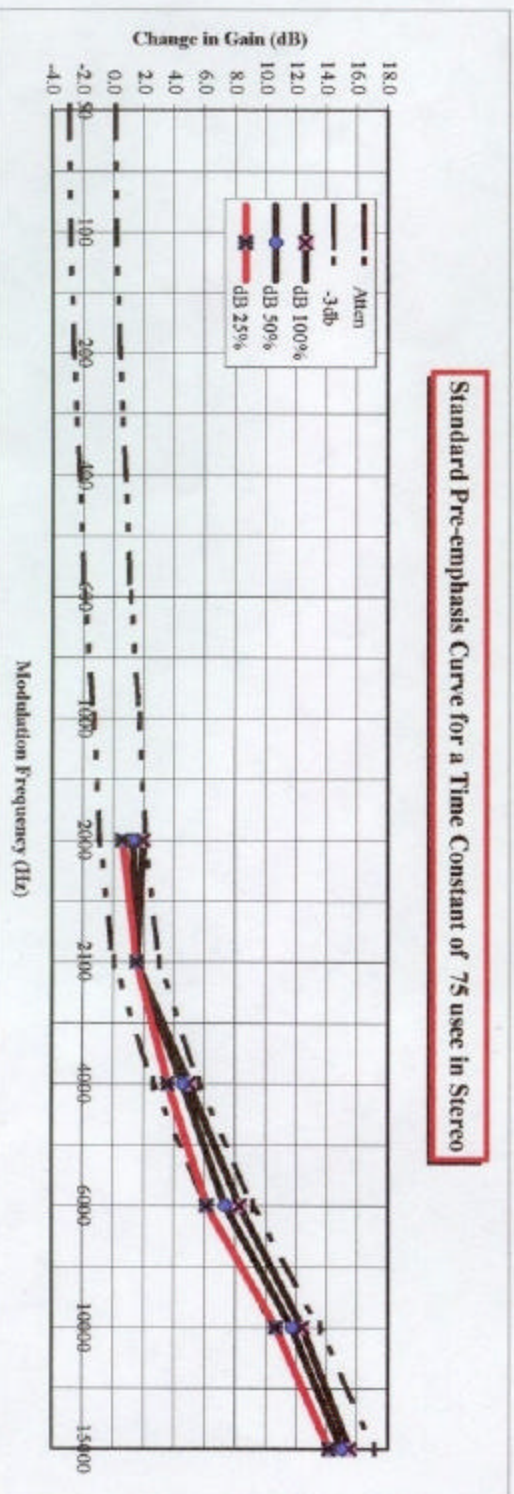
AURAL FREQUENCY RESPONSE FOR MT250

FCC Limits

FCC Limits															
Data for modulation @:															
FM	Atten	-3db	74mVpp dBc	33mVpp dBc	9.0mVpp dBc	Index of Modulation			Relative*			Relative*		Relative	
			100%	50%	25%	m	50%	25%	100%	100%	50%	50%	25%	25%	
			#	m	m	#	#	#	m*FM kHz	100%Mod dB 100%	m*FM kHz	50%Mod dB 50%	m*FM kHz	25%Mod dB 25%	
50	0.1	-2.9													
100	0.2	-2.8													
200	0.4	-2.6													
400	0.8	-2.2													
600	1.1	-1.9													
1000	1.7	-1.3													
2000	2.1	-0.9	5.60	10.30	21.00	1.050	0.611	0.178	2099	1.98	1222	1.28	357	0.58	
2100	3.0	0.0	6.00	12.00	22.00	1.002	0.502	0.159	2105	1.50	1055	1.50	334	1.50	
4000	5.6	2.6	8.10	14.56	25.54	0.787	0.374	0.106	3148	5.00	1497	4.54	423	3.56	
6000	9.1	6.1	8.37	15.29	26.50	0.763	0.344	0.095	4578	8.25	2064	7.33	568	6.12	
10000	13.6	10.6	8.65	15.34	26.40	0.739	0.342	0.096	7388	12.41	3420	11.72	957	10.66	
15000	17.1	14.1	9.06	15.57	26.40	0.705	0.333	0.096	10571	15.52	4996	15.01	1436	14.18	

Note: Tested MT250 on 5/31/01 by CEA Results: Passed

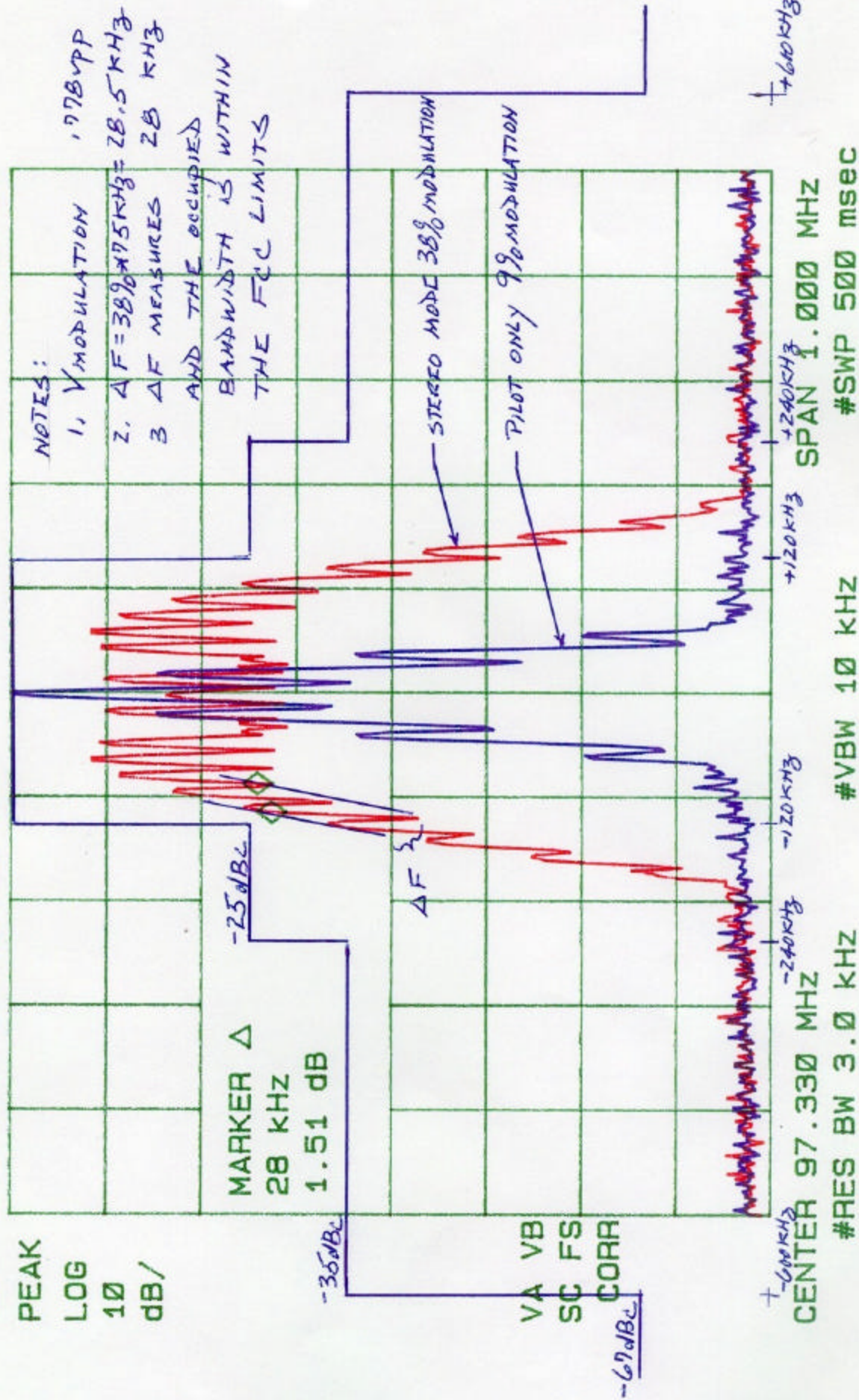
Standard Pre-emphasis Curve for a Time Constant of 75 usec in Stereo



OUTPUT OF MT250 @ 250W, STEREO MODE w/ FM @ 15 KHz & 38% MODULATION
 AND PILOT ONLY @ 9% MODULATION
 MKR Δ 28 KHz
 1.51 dB

REF -2.0 dBm #ATTEN 30 dB

PEAK
 LOG
 10
 dB/



MT 250 w/ MODULATION OF THE PILOT & SUBCARRIER @ 990 & 190

REF -2.0 dBm #ATTEN 30 dB

MKR Δ 19.0 kHz
-15.07 dB

PEAK
LOG
10
dB/

PILOT

FCC LIMIT
-14 to -16 dBc

MARKER Δ
19.0 kHz
-15.07 dB

NA SB
SC FS
CORR

CENTER 96.8210 MHz
#RES BW 1.0 kHz

#VBW 1 kHz

SPAN 200.0 kHz
#SWP 600 msec

1/2

REF -2.0 dBm #ATTEN 30 dB

MKR Δ 39.0 kHz
-35.92 dB

PEAK
LOG
10
dB/

MARKER Δ
39.0 kHz
-35.92 dB

FCC LIMIT
> -34 dBc

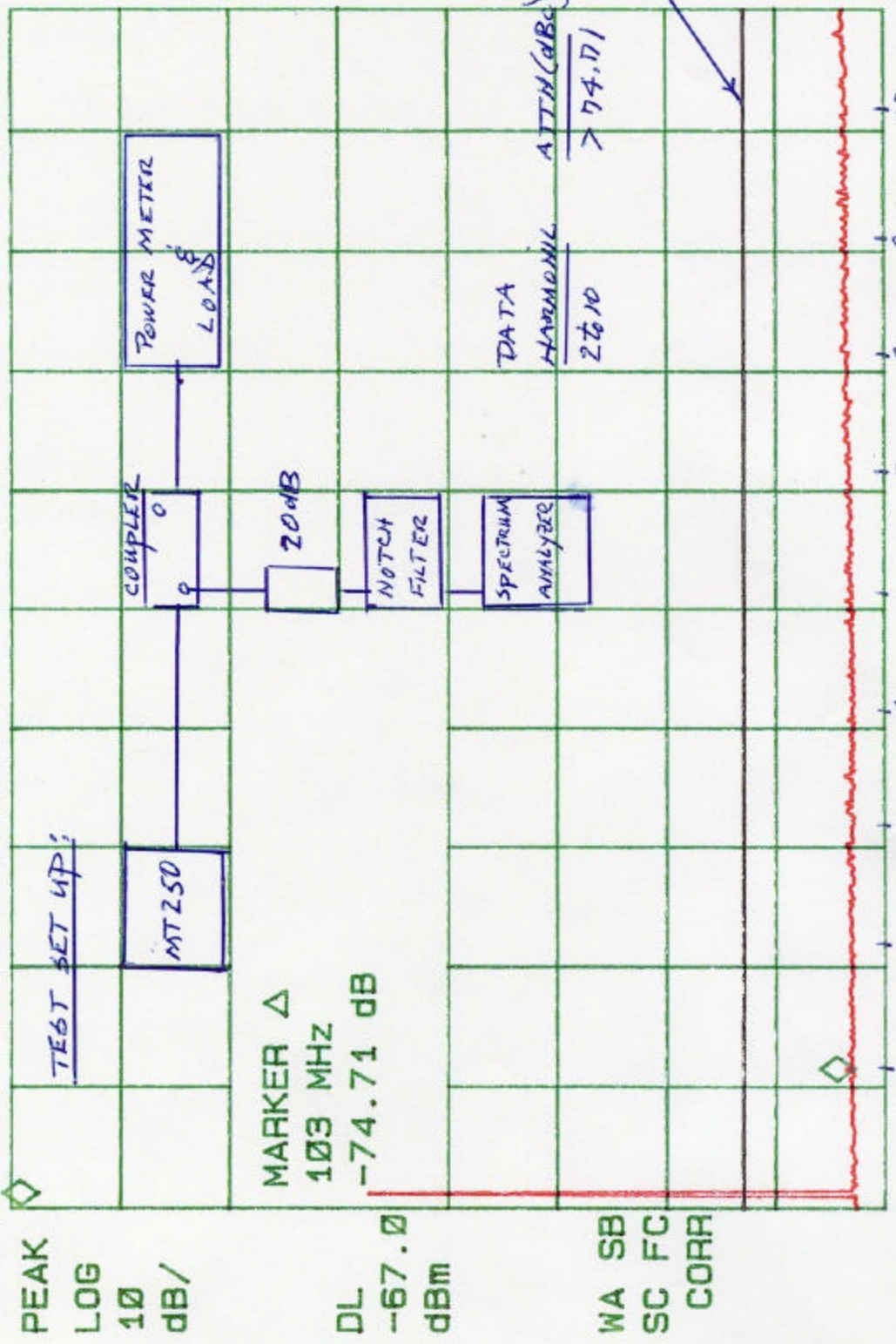
NA SB
SC FS
CORR

CENTER 96.6850 MHz
#RES BW 1.0 kHz

#VBW 1 kHz

SPAN 200.0 kHz
#SWP 600 msec

170 MODEL MT250'S CONDUCTED HARMONICS & SPURS @ OCCUPIED BANDWIDTH w/38%
 MODULATION @ 15 KHZ, STEREO MODE, 250W OUTPUT
 REF .0 dBm #ATTEN 10 dB MKR Δ 103 MHz
 -74.71 dB



DATA
 HARMONIC
 2 to 10
 ATTN(dB)
 > 74.71

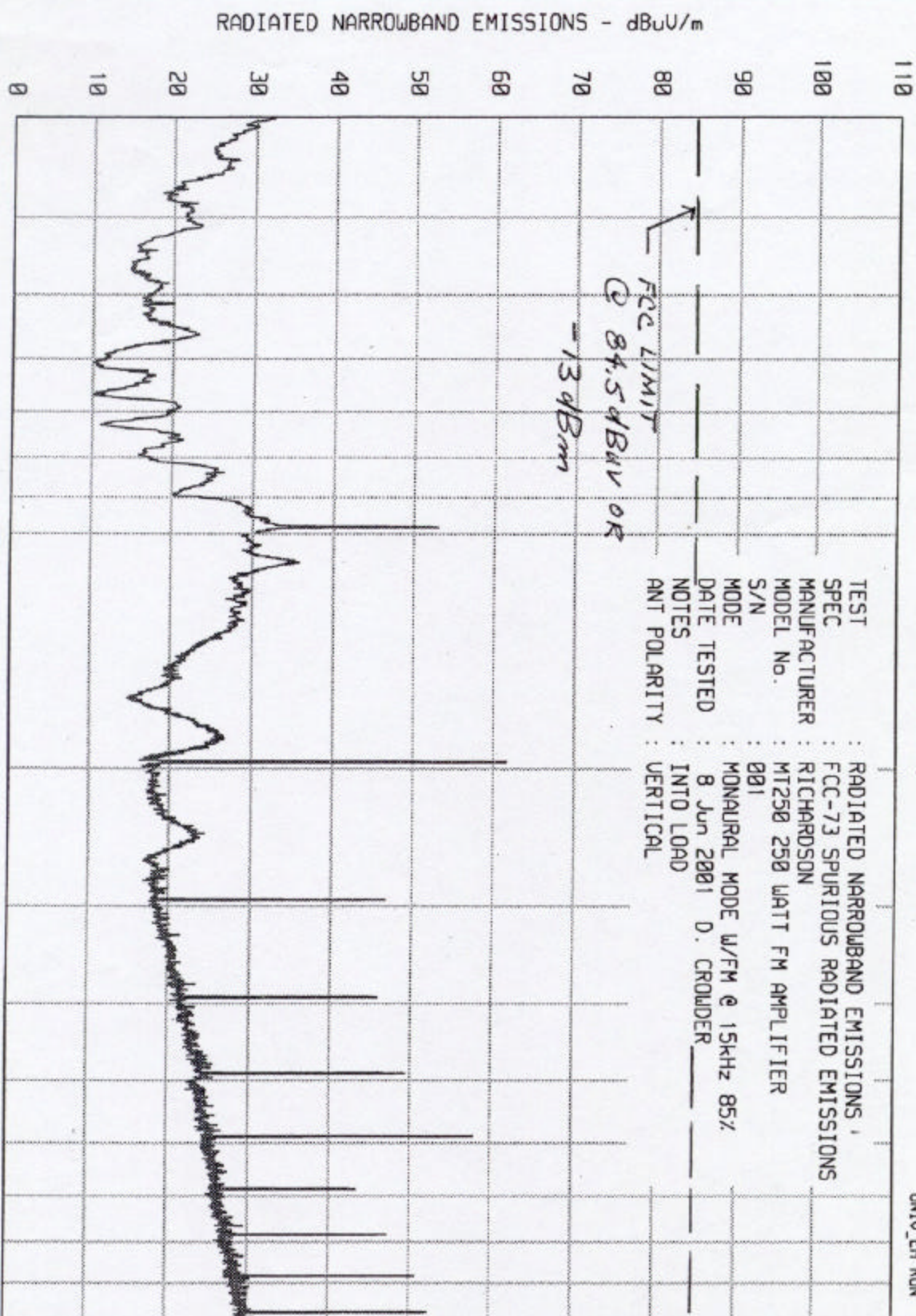
FCC
 LIMIT
 @ -67dBc

MT250 RADIATED EMISSIONS, RELATIVE DATA w/o ANALYZER SET FOR "PEAK DISPLAY"

WK98 85/03/01

ELITE ELECTRONIC ENGINEERING Co.
Downers Grove, Ill. 60515

UNIT EM RUN RUN 1



START = 30

100
Hz

FREQUENCY - MHz

2 3 4 5 6 7 8 9 10

STOP = 1000



ETR 23798
DATA SHEET

MANUFACTURER : RICHARDSON ELECTRONICS
MODEL : MT250
S/N : 001
SPECIFICATION : FCC-73 OPEN FIELD SPURIOUS RADIATED EMISSIONS
DATE : JUNE 8, 2001
NOTES : MONO
: TEST DISTANCE IS 3 METERS

FREQ. (MHz)	ANT POL	MTR RDG (dBuV)	MATCHED SIGNAL dBm	CABLE FAC dB	TOTAL dBm	LIMIT dBm
196	H	56.0	-36.7	1.5	-38.2	-13
	V	52.1	-39.8	1.5	-41.3	-13
294	H	33.8	-54.2	1.7	-55.9	-13
	V	42.4	-38.1	1.7	-39.8	-13
392	H	44.7	-36.4	1.9	-38.3	-13
	V	30.0	-33.1	1.9	-35.0	-13
490	H	37.0	-36.8	2.2	-39.0	-13
	V	41.7	-35.5	2.2	-37.7	-13
588	H	23.7	-39.9	2.4	-42.3	-13
	V	36.5	-37.6	2.4	-40.0	-13
686	H	22.5	-35.4	2.7	-38.1	-13
	V	31.5	-37.9	2.7	-40.6	-13
784	H	18.0	-43.6	3.0	-46.6	-13
	V	18.9	-34.6	3.0	-37.6	-13
882	H	28.9	-39.3	3.4	-42.7	-13
	V	20.9	-36.5	3.4	-39.9	-13
980	H	36.4	-45.2	4.0	-49.2	-13
	V	26.7	-40.8	4.0	-44.8	-13

CHECKED BY:

Daniel E. Crowder

LEA8 02/22/81

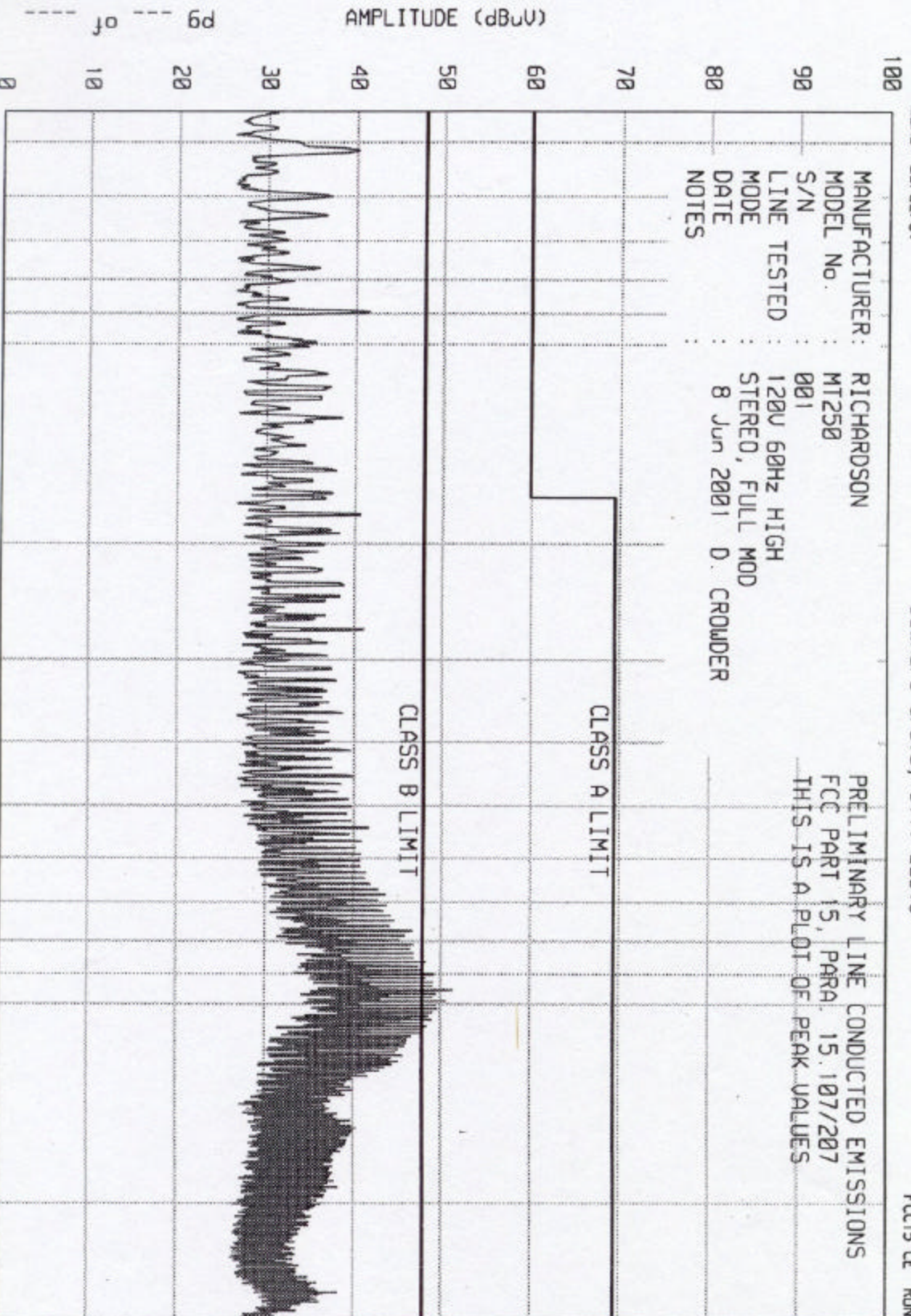


ELITE ELECTRONIC ENGINEERING Co.
Downers Grove, Ill. 60515

FCC IS CE RUN 1

MANUFACTURER: RICHARDSON
MODEL No. MT250
S/N 001
LINE TESTED 120V 60Hz HIGH
MODE STEREO, FULL MOD
DATE 8 Jun 2001 D. CROWDER
NOTES

PRELIMINARY LINE CONDUCTED EMISSIONS
FCC PART 15, PARA. 15.107/207
THIS IS A PLOT OF PEAK VALUES



START = .45

FREQUENCY - MHz

STOP = 30



ETR 23798
DATA SHEET

MANUFACTURER : RICHARDSON ELECTRONICS
MODEL : MT250
S/N : 001
SPECIFICATION : FCC-73 OPEN FIELD SPURIOUS RADIATED EMISSIONS
DATE : JUNE 8, 2001
NOTES : STEREO
: TEST DISTANCE IS 3 METERS

FREQ. (MHz)	ANT POL	MTR RDG (dBuV)	MATCHED SIGNAL dBm	CABLE FAC dB	TOTAL dBm	LIMIT dBm
196	H	55.4	-36.7	1.5	-38.2	-13
	V	49.4	-39.8	1.5	-41.3	-13
294	H	26.9	-54.2	1.7	-55.9	-13
	V	28.4	-48.1	1.7	-49.8	-13
392	H	35.3	-36.4	1.9	-38.3	-13
	V	41.0	-43.1	1.9	-45.0	-13
490	H	35.4	-26.8	2.2	-29.0	-13
	V	38.4	-25.5	2.2	-27.7	-13
588	H	29.7	-39.9	2.4	-42.3	-13
	V	33.7	-37.6	2.4	-40.0	-13
686	H	29.5	-35.4	2.7	-38.1	-13
	V	32.1	-32.9	2.7	-35.6	-13
784	H	17.2	-43.6	3.0	-46.6	-13
	V	25.1	-34.6	3.0	-37.6	-13
882	H	24.6	-39.3	3.4	-42.7	-13
	V	26.9	-36.5	3.4	-39.9	-13
980	H	28.9	-45.2	4.0	-49.2	-13
	V	27.9	-40.8	4.0	-44.8	-13

CHECKED BY:

Daniel E. Crowder