

ELITE ELECTRONIC ENGINEERING CO

hp

REF -7.3 dBm

ATTEN 10 dB + 60 dB EXT.

MKR 459.999 9 MHz
-30.40 dBm

10 dB/

MANUFACTURER : TRL TECHNOLOGIES

MODEL : A250070406B 250 Watt AMPLIFIER+

SERIAL No. : 100

TEST PERFORMED : OCCUPIED BANDWIDTH

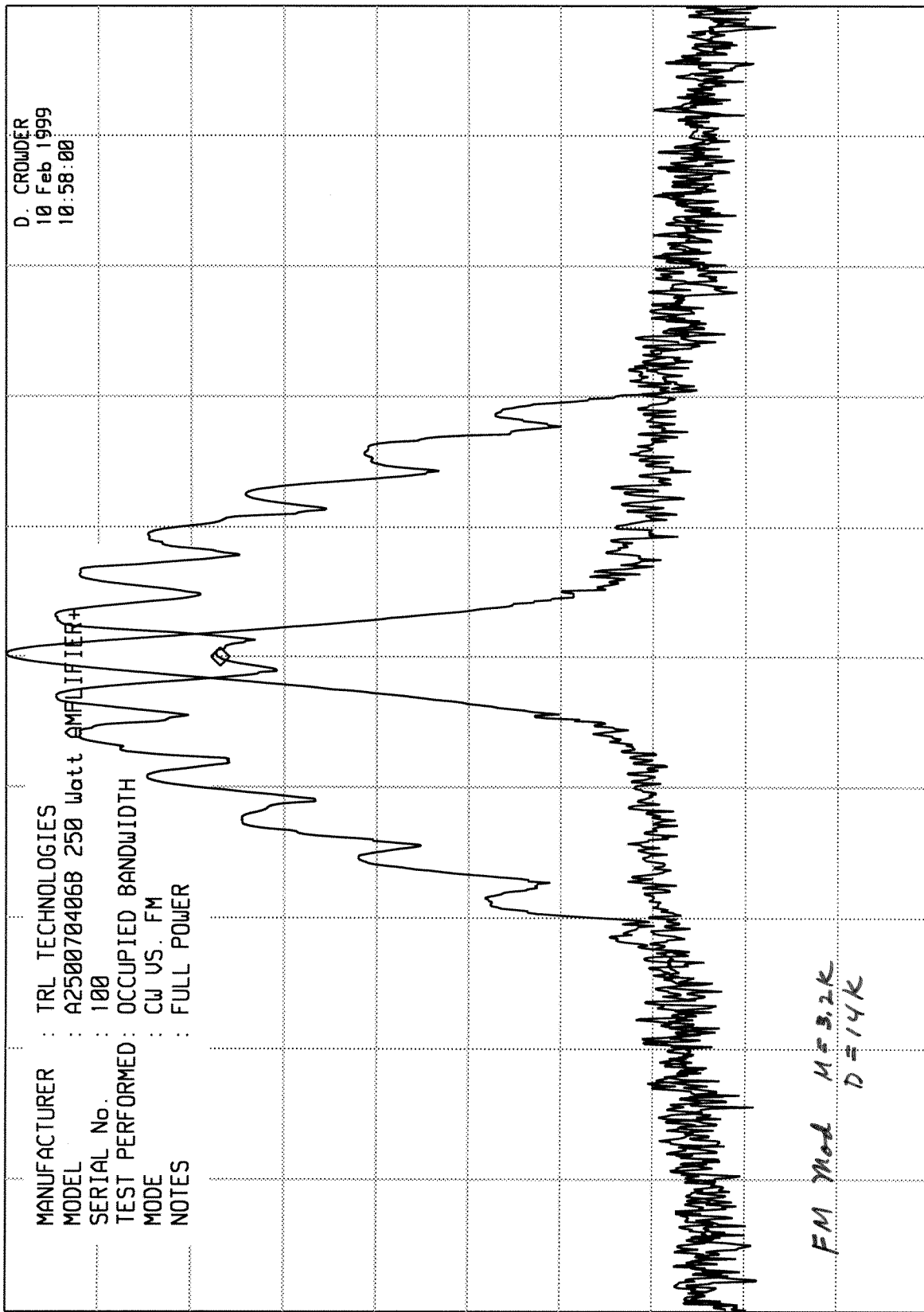
MODE : CW US. FM

NOTES : FULL POWER

D. CROWDER

10 Feb 1999

10:58:00



CENTER 460.000 MHz
RES BW 1 kHz

VBW 3 kHz

SPAN 100 kHz
SWP 300 msec

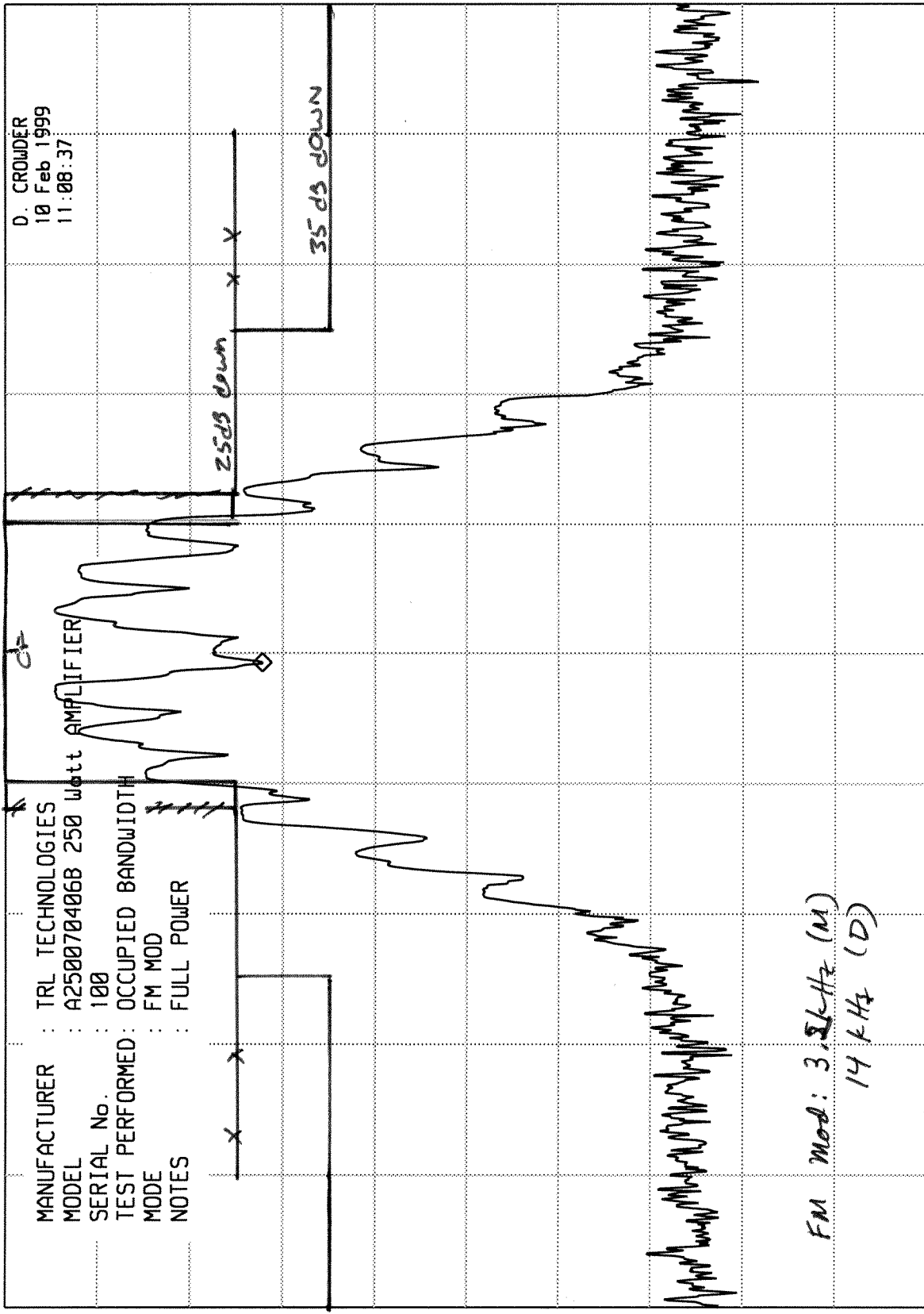
ETR 21430

ELITE ELECTRONIC ENGINEERING CO

MKR 459.999 2 MHz
-35.10 dBm

REF -7.3 dBm

ATTEN 10 dB + 60 dB EXT.



D. CROWDER
10 Feb 1999
11:08:37

MANUFACTURER : TRL TECHNOLOGIES
MODEL : A250070406B 250 Watt AMPLIFIER
SERIAL No. : 100
TEST PERFORMED : OCCUPIED BANDWIDTH
MODE : FM MOD
NOTES : FULL POWER

FM Mod: 3.5 kHz (M)
14 kHz (D)

CENTER 460.000 MHz RES BW 1 kHz SPAN 100 kHz SWP 300 msec

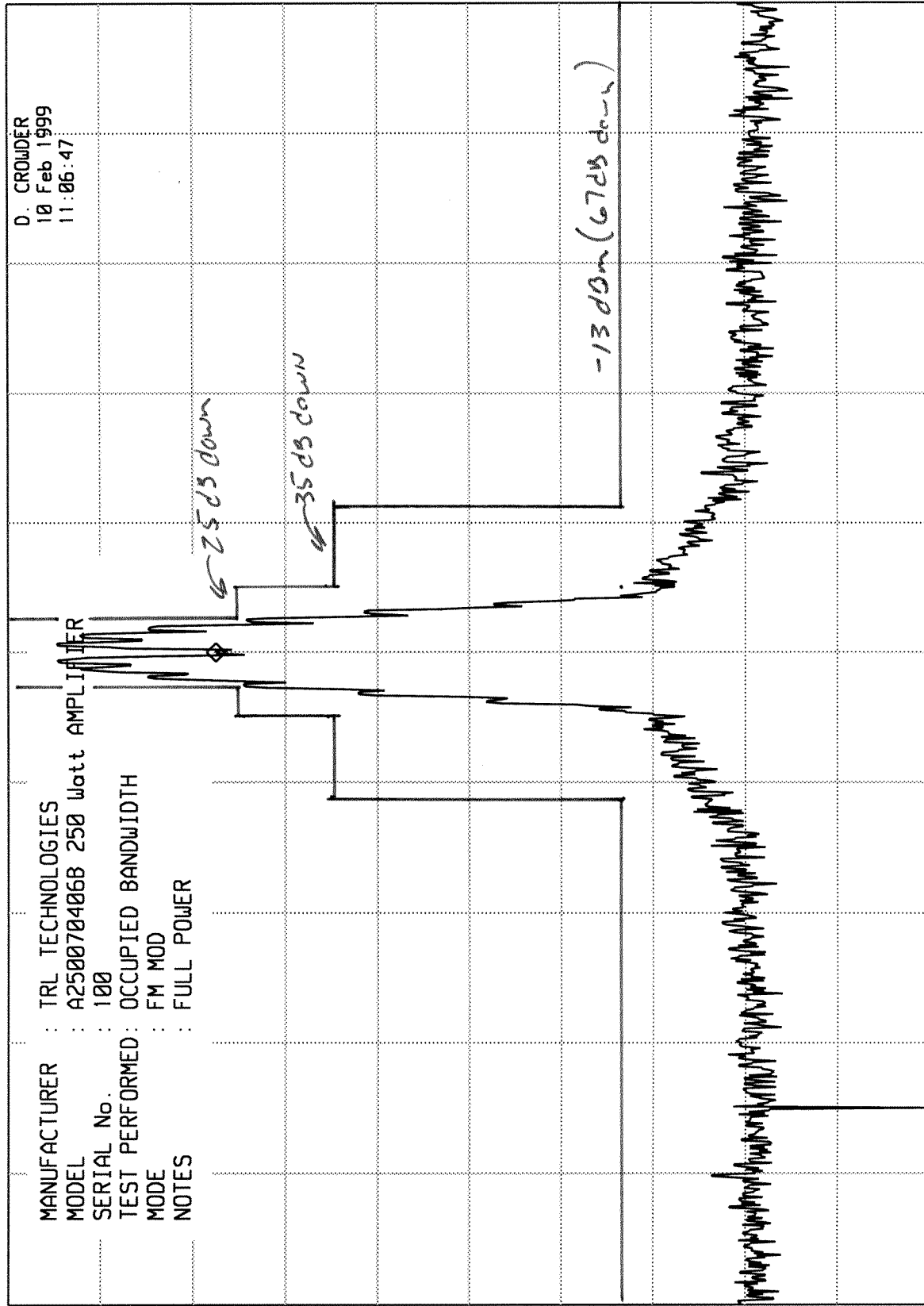
ETR 21430

ELITE ELECTRONIC ENGINEERING CO

MKR 459.999 5 MHz
-29.80 dBm

hp REF -7.3 dBm

ATTEN 10 dB + 60dB EXT.



CENTER 460.000 MHz

RES BW 1 kHz

VBW 3 kHz

SPAN 500 kHz

SWP 1.50 sec

ETK 21430

ETA 21430

ELITE ELECTRONIC ENGINEERING CO

MKR 460.000 1 MHz
-18.20 dBm

hp REF 4.5 dBm

ATTEN 20 dB + 40 dB EXT

10 dB/

MANUFACTURER : TRL TECHNOLOGIES
MODEL : A250070406B 250 Watt AMPLIFIER
SERIAL No. : 100
TEST PERFORMED : OCCUPIED BANDWIDTH
MODE : CW US. FM
NOTES : INPUT TO AMPLIFIER

D. CROWDER
10 Feb 1999
11:18:18

FM Mod: $M = 3.5k$
 $D = 14k$

CENTER 460.000 MHz

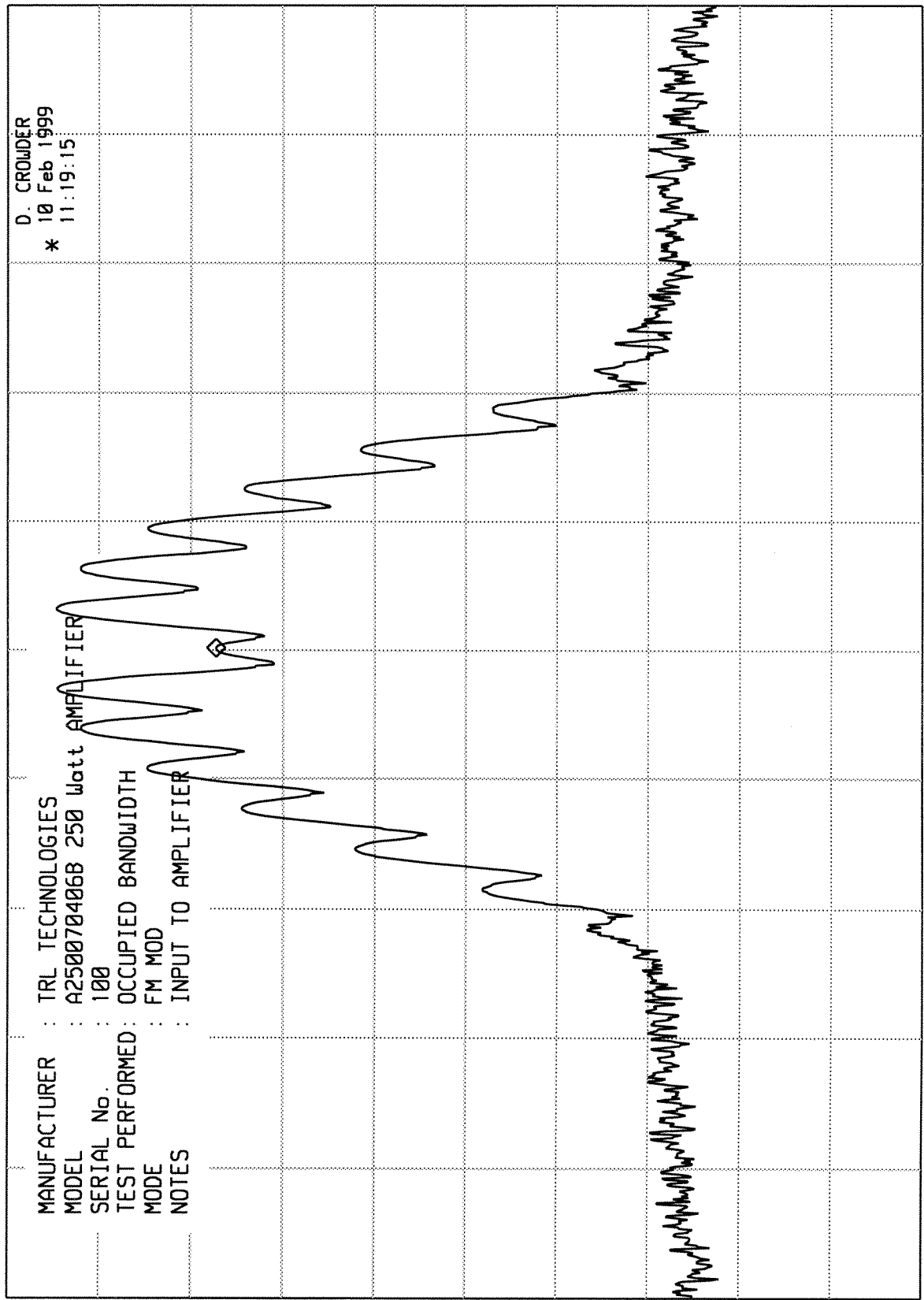
RES BW 1 kHz

VBW 3 kHz

SPAN 100 kHz
SWP 300 msec

ELITE ELECTRONIC ENGINEERING CO

hp 10 dB/ REF 4.5 dBm ATTN 20 dB + 40 dB Ext. MKR 460.000 1 MHz -18.20 dBm



CENTER 460.000 MHz RES BW 1 kHz SPAN 100 kHz SWP 300 msec

ETR 21430

ETR 21430

ELITE ELECTRONIC ENGINEERING CO

MKR 460.000 5 MHz
-22.20 dBm

hp

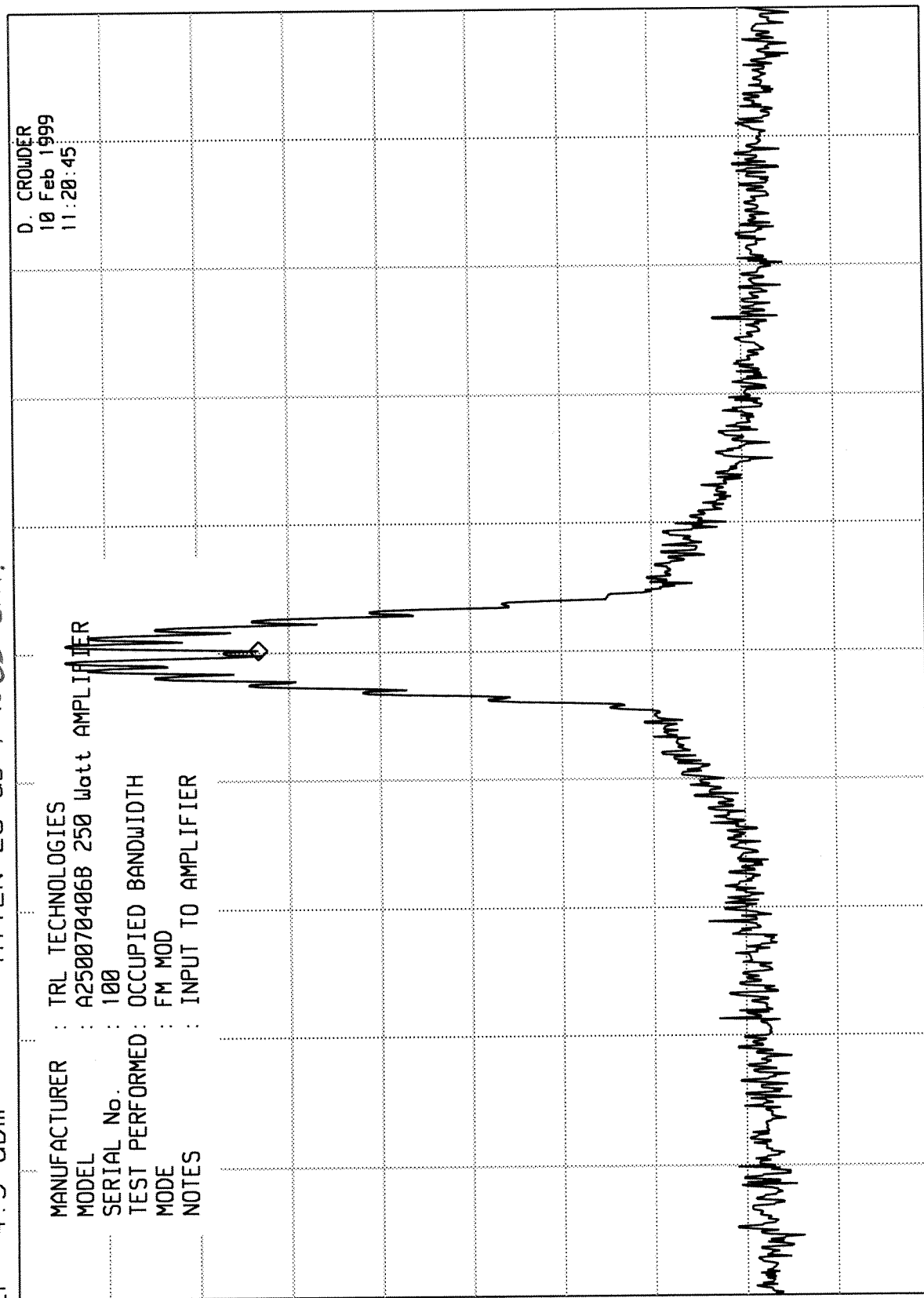
REF 4.5 dBm

ATTEN 20 dB + 40dB EXT.

10 dB/

MANUFACTURER : TRL TECHNOLOGIES
MODEL : A250070406B 250 Watt AMPLIFIER
SERIAL No. : 100
TEST PERFORMED : OCCUPIED BANDWIDTH
MODE : FM MOD
NOTES : INPUT TO AMPLIFIER

D. CROWDER
10 Feb 1999
11:20:45



SPAN 500 kHz
SWP 1.50 sec

VBW 3 kHz

CENTER 460.000 MHz
RES BW 1 kHz

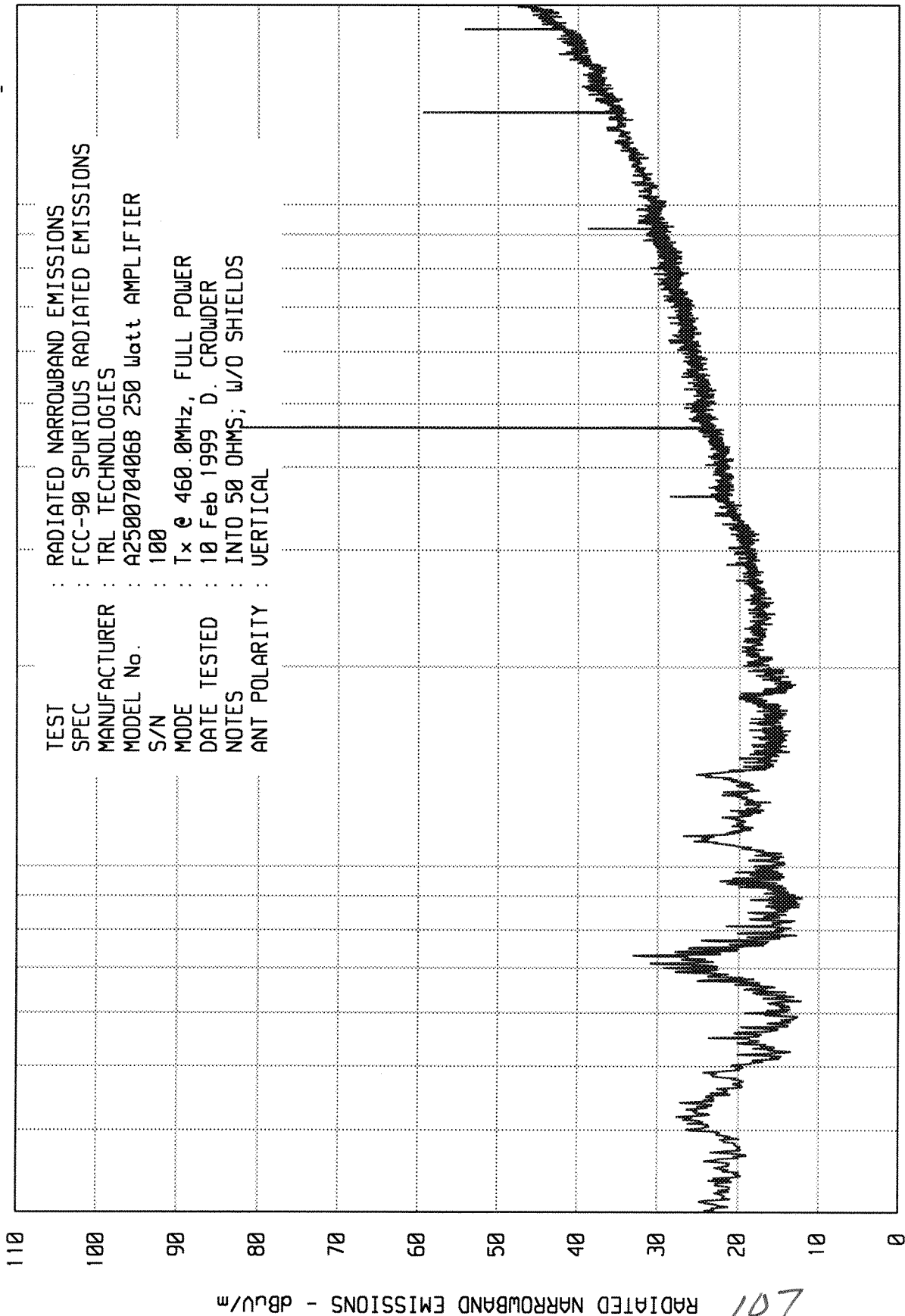
ETR 21430

ELITE ELECTRONIC ENGINEERING Co.

Downers Grove, Ill. 60515

UNIV_EM RUN RUN 4

UKA00 02/24/98



START = 30

FREQUENCY - MHz

1000

STOP = 2000

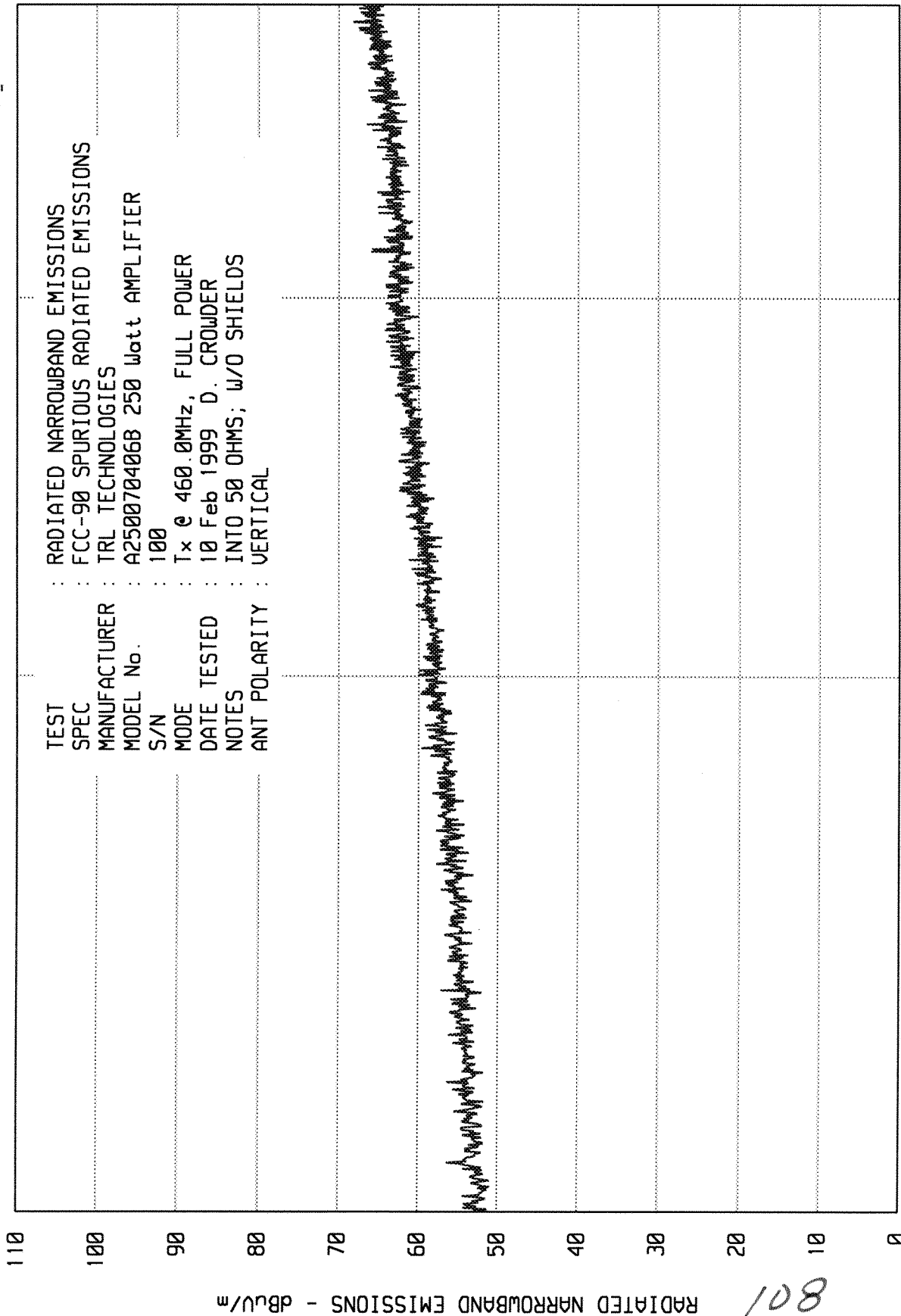
ETA 21430

ELITE ELECTRONIC ENGINEERING Co.

Downers Grove, Ill. 60515

UKA00 02/24/98

UNITU_EM RUN RUN 5



START = 2000

FREQUENCY - MHz

STOP = 5000

ENGINEERING TEST REPORT NO. **21430**
ELITE ELECTRONIC ENGINEERING COMPANY

MANUFACTURER : TRL TECHNOLOGIES
MODEL : A250070406B 250 Watt AMPLIFIER
S/N : 100
SPECIFICATION : FCC-90 OPEN FIELD SPURIOUS RADIATED EMISSIONS
DATE : FEBRUARY 10, 1999
NOTES : TRANSMIT AT 460.0MHz INTO 50 OHMS
: TEST DISTANCE IS 3 METERS

FREQ. (MHz)	ANT POL	MTR RDG (dBuV)	ANT FAC dB	CABLE FAC dB	CONV. F.I. to dBm(dipole)	TOTAL dBm	LIMIT dBm
920.0	H	25.5	20.5	4.0	97.2	-47.2	-13
	V	25.3	20.5	4.0	97.2	-47.4	-13
1380.0	H	33.1	25.0	4.2	97.2	-34.9	-13
	V	36.3	25.0	4.2	97.2	-31.7	-13
1840.0	H	23.2	27.3	5.1	97.2	-41.6	-13
	V	23.8	27.3	5.1	97.2	-41.0	-13
2300.0	H	23.8 AMB	28.5	6.2	97.2	-38.7	-13
	V	23.1 AMB	28.5	6.2	97.2	-39.4	-13
2760.0	H	21.4 AMB	30.0	7.3	97.2	-38.5	-13
	V	21.5 AMB	30.0	7.3	97.2	-38.4	-13
3220.0	H	21.2 AMB	31.1	8.4	97.2	-36.5	-13
	V	21.2 AMB	31.1	8.4	97.2	-36.5	-13
3680.0	H	21.4 AMB	32.8	9.5	97.2	-33.5	-13
	V	21.6 AMB	32.8	9.5	97.2	-33.3	-13
4140.0	H	21.4 AMB	33.6	10.6	97.2	-31.6	-13
	V	21.6 AMB	33.6	10.6	97.2	-31.4	-13
4600.0	H	21.6 AMB	34.4	11.5	97.2	-29.7	-13
	V	21.8 AMB	34.4	11.5	97.2	-29.5	-13

CHECKED BY: *DEL*

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