

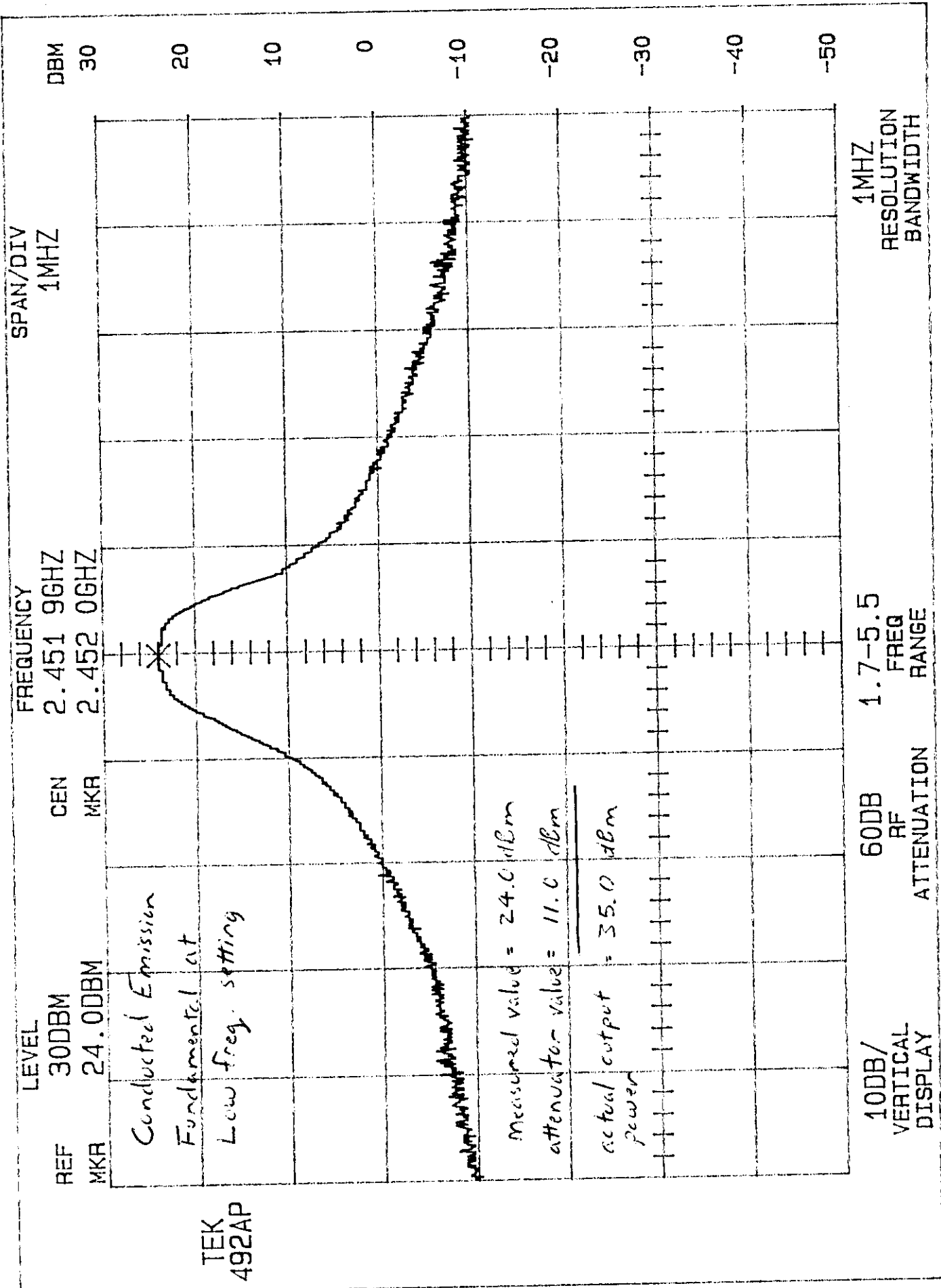
**CLASS II PERMISSIVE CHANGE
FOR
TRANSCEIVER MODEL S450**

FCC ID MKRS450

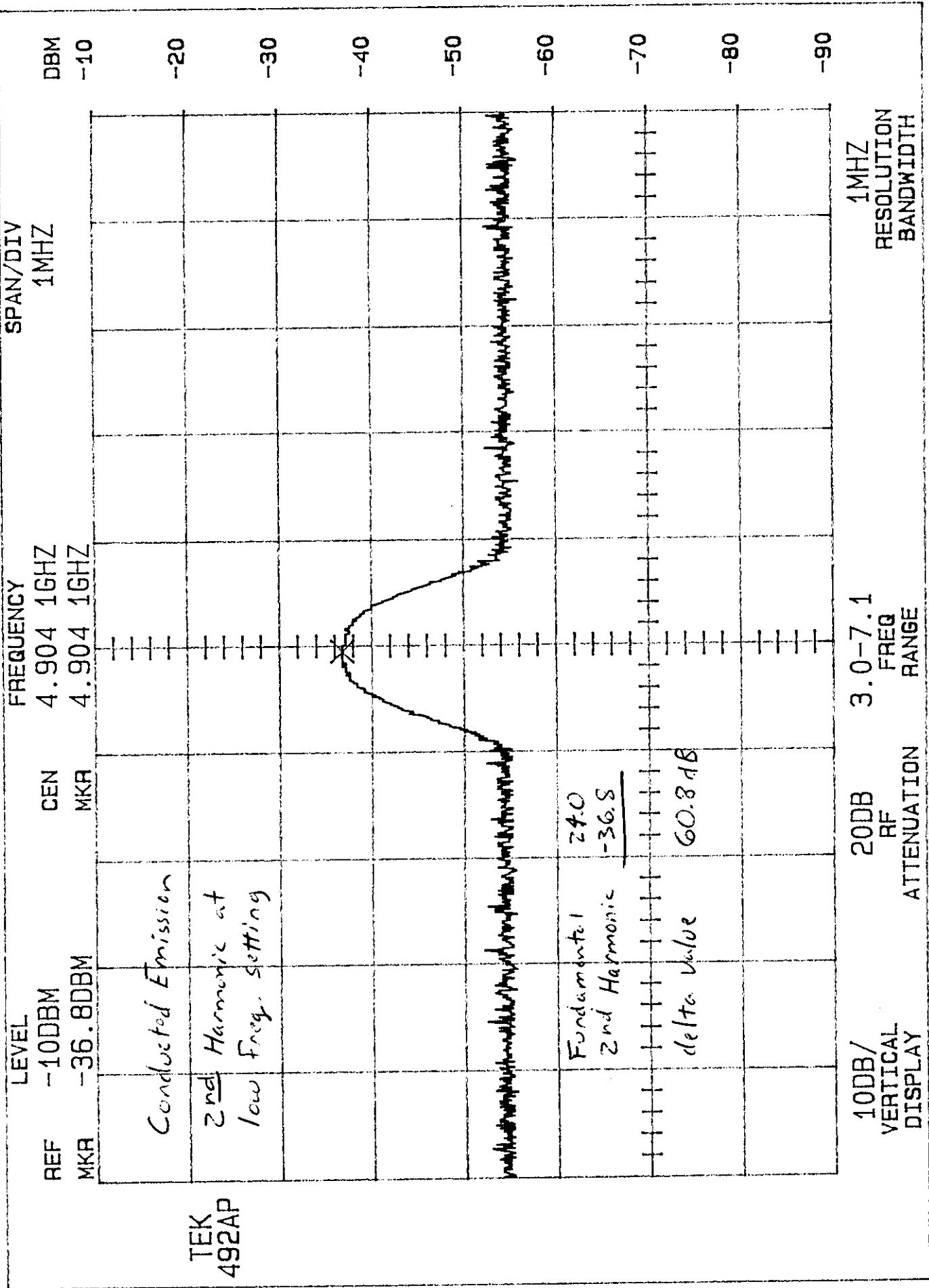
Single Chip Systems corporation seeks approval of a Class II permissive change for the MKRS450 Transceiver. The intent of the change is to replace the current SM2426-42 Power Amplifier with a 100108-30 High Power Amplifier, manufactured by Single Chip Systems Corporation. The 100108-30 amplifier has the same function, with slightly different form (taller, wider and shorter). The enclosed information includes conducted emissions data, Part 15 radiated emissions data and Part 90 radiated emissions data. The following table summarizes the conducted emissions data.

Summary of Conducted Emissions

FREQUENCY	LOW FREQ. (2.452 GHz)	HIGH FREQ. (2.481 GHz)
Fundamental	35.0 dBm	35.8 dBm
2 ND	60.8 dB down	62.0 dB down
3 RD	60.0 dB down	61.2 dB down
4 TH - 10 TH	> 80 dB down	> 80 dB down

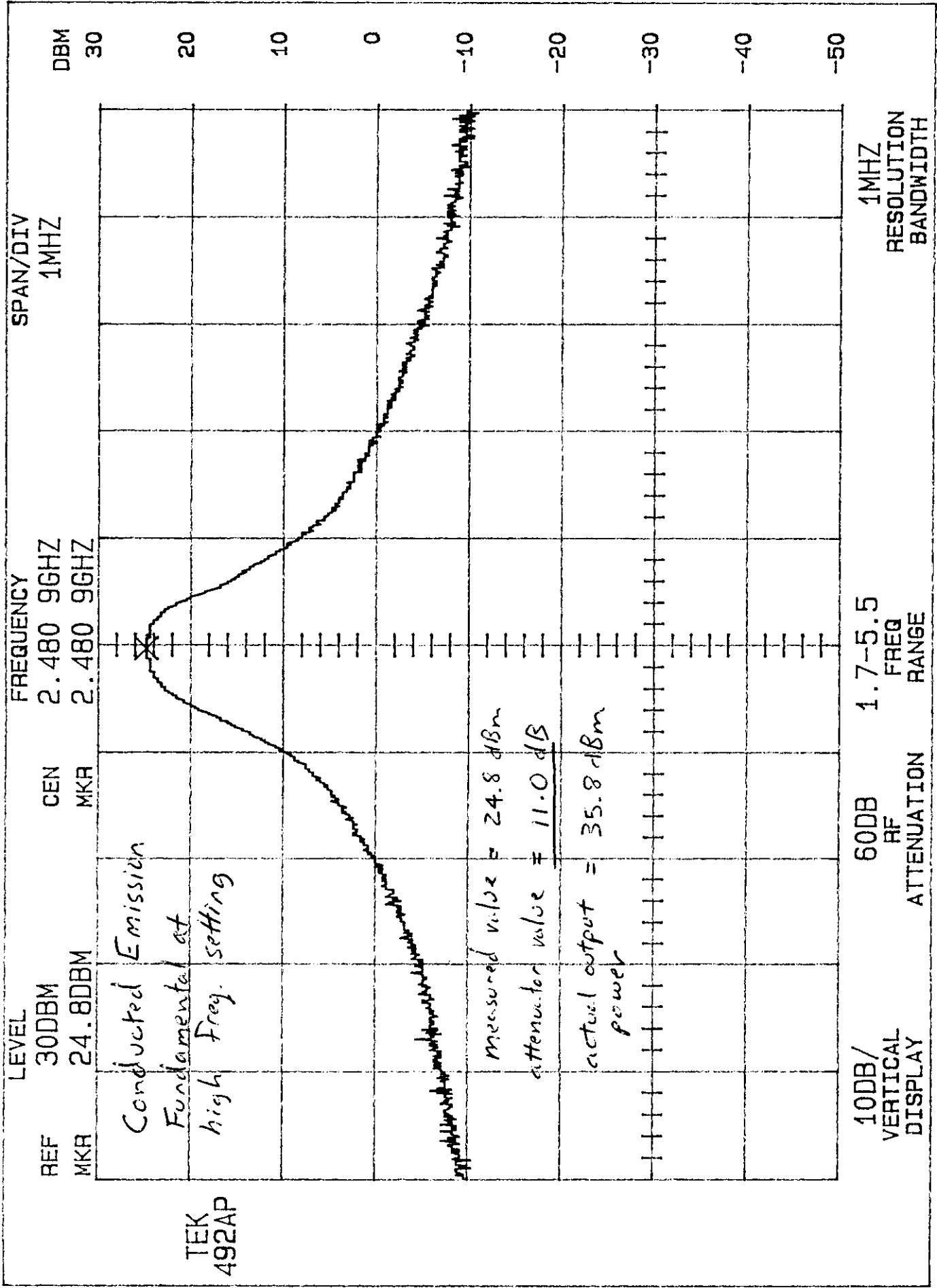


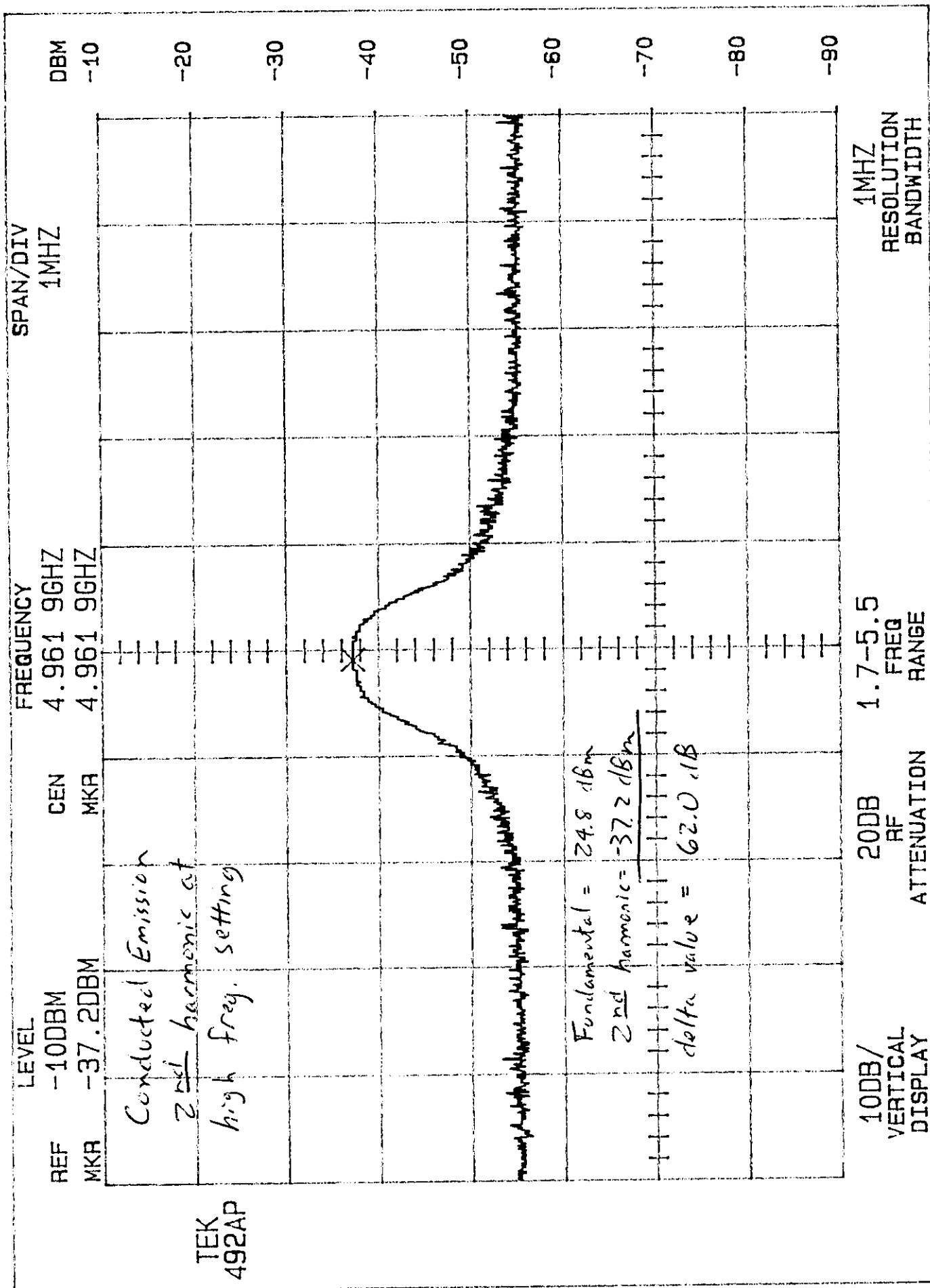
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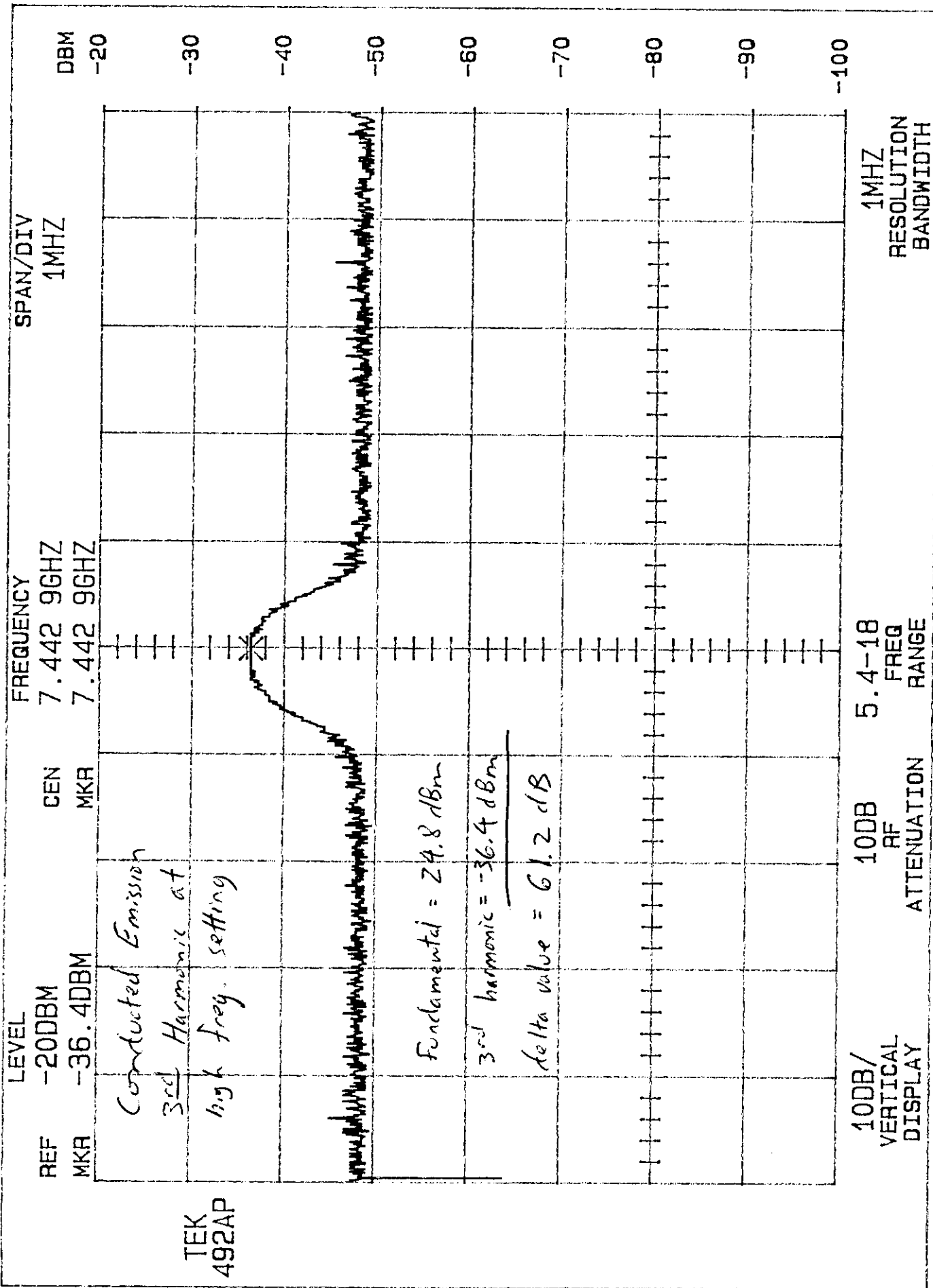


LEVEL		FREQUENCY		SPAN/DIV	
REF	CEN	7.356 0GHZ	1MHZ	DBM	
MKR	MKR	7.355 9GHZ		-20	
Conducted Emission				-30	
3rd Harmonic at				-40	
low frequency setting				-50	
				-60	
				-70	
				-80	
				-90	
				-100	

100B/ VERTICAL DISPLAY	100B RF ATTENUATION	5.4-18 FREQ RANGE	1MHZ RESOLUTION BANDWIDTH







SPEC: FCC Part 15 para 15.109(b)

TEST DIST: 10 Meters

TEST SITE: 2

BICONICAL: 491

LOG PERIODIC: 244

RCVR: 466

One Antenna

[illegible]

REPORT NO. S8170

COMPANY: Single Chip Systems Corp.

EUT: Model# S450

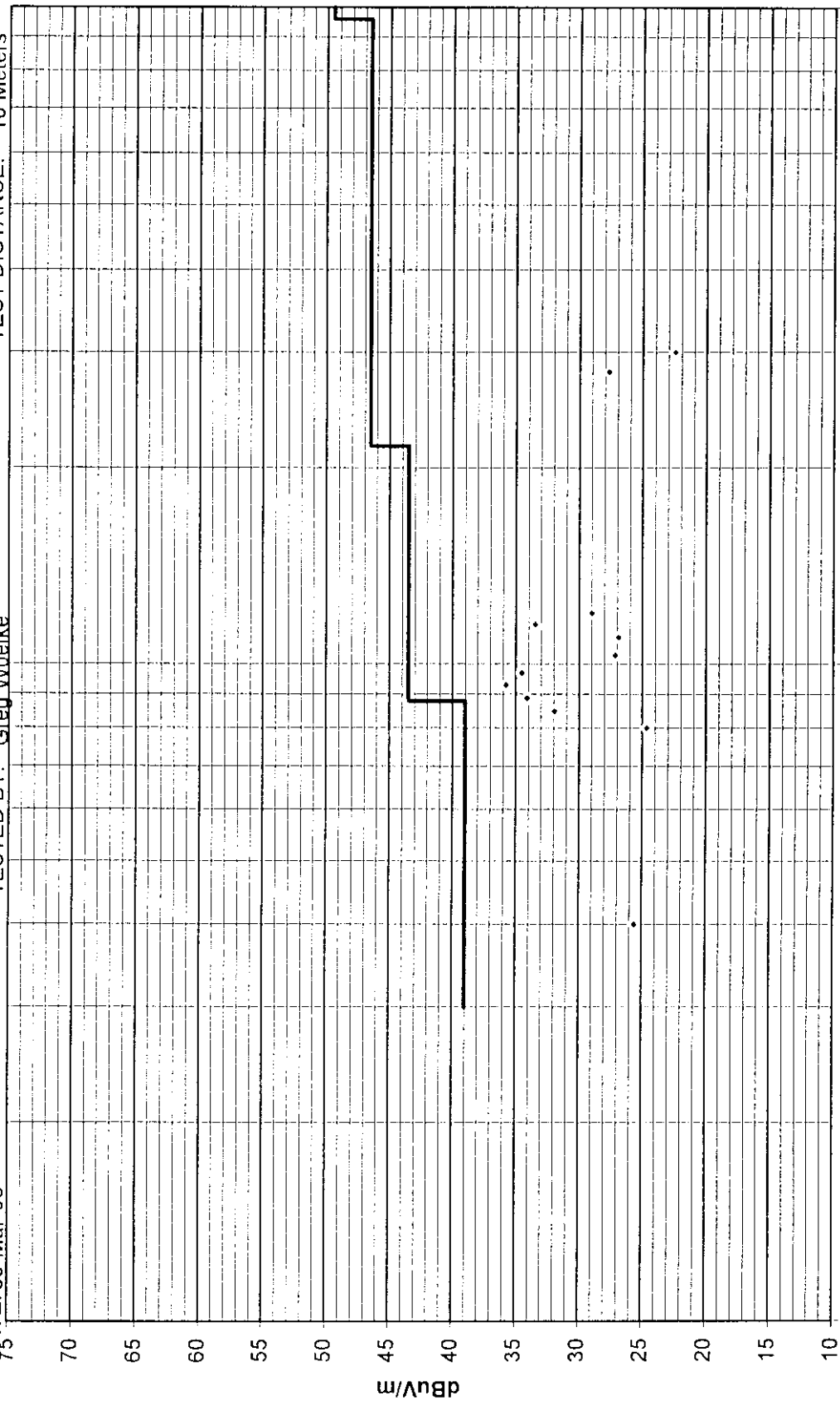
EUT MODE: Not Multiplexing

DATE: 30-Mar-98

SPEC: FCC Part 15 para 15.109(b)

TESTED BY: Greg Woelke

TEST DISTANCE: 10 Meters



REPORT No: S8170 TESTED BY: MW *MW* SPEC: FCC Part 90, Paragraph 91.210(c)(3)

CUSTOMER: SCS Corporation TEST DIST: 3 Meters

EUT: 5 Watt Scanner, Model S450 TEST SITE: 3

EUT MODE: Not multiplexing BICONICAL: N/A

DATE: 31-Mar-98 LOG PERIODIC: N/A

NOTES: Duty Cycle= N/A OTHER: 453

No emissions were detectable after fourth harmonic.

Non-multiplexing

[illegible]