

TEST REPORT

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* Data for 1 and 3 watt are identical so only one plot is provided.

RF POWER OUTPUT DATA

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device.

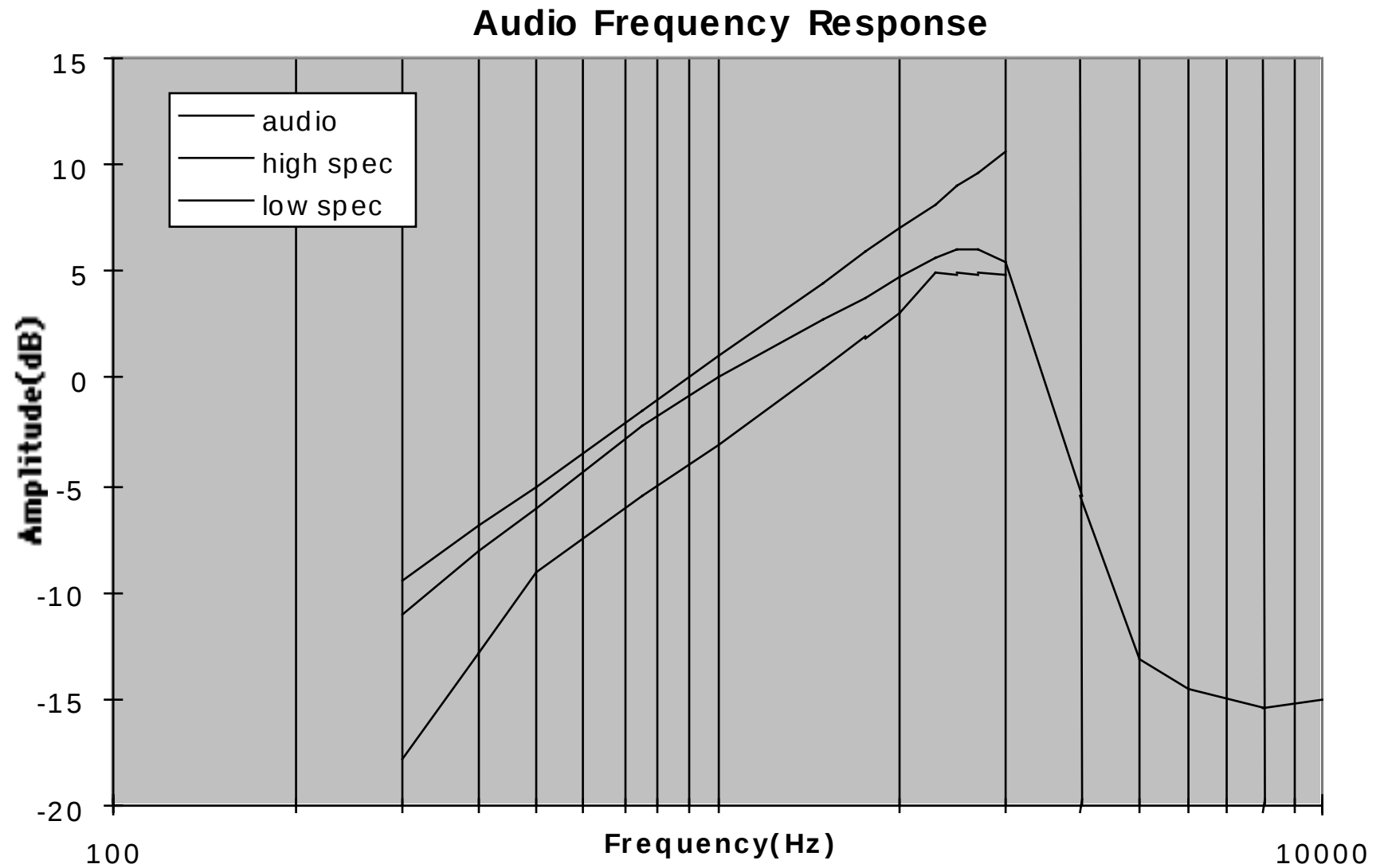
1 Watt

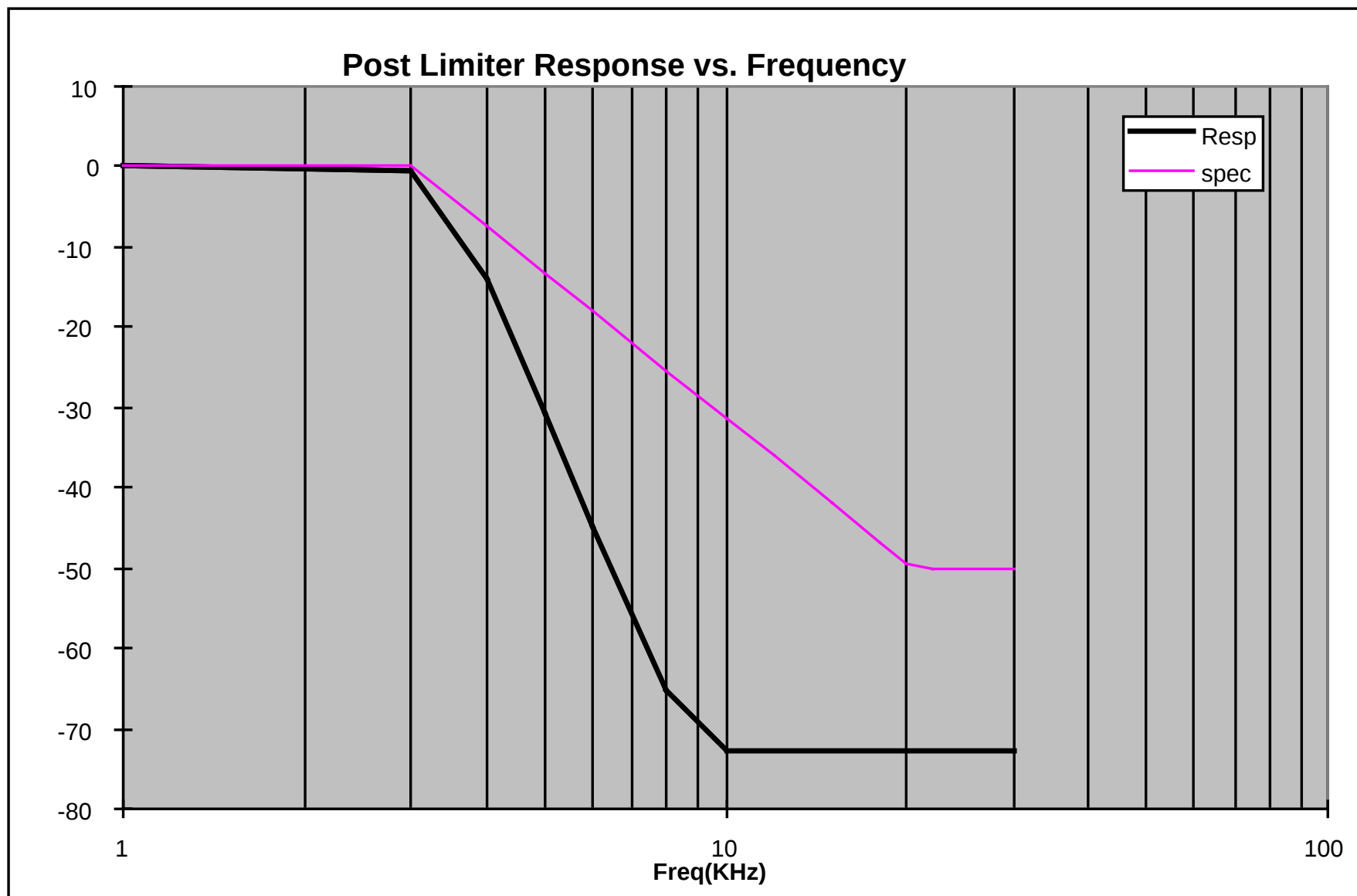
Measured RF output	1.05	Watt
Normal DC Voltage	7.50	Volts
Normal DC Current	712	mA
Primary Supply Voltage	7.50	Volts

3 Watt

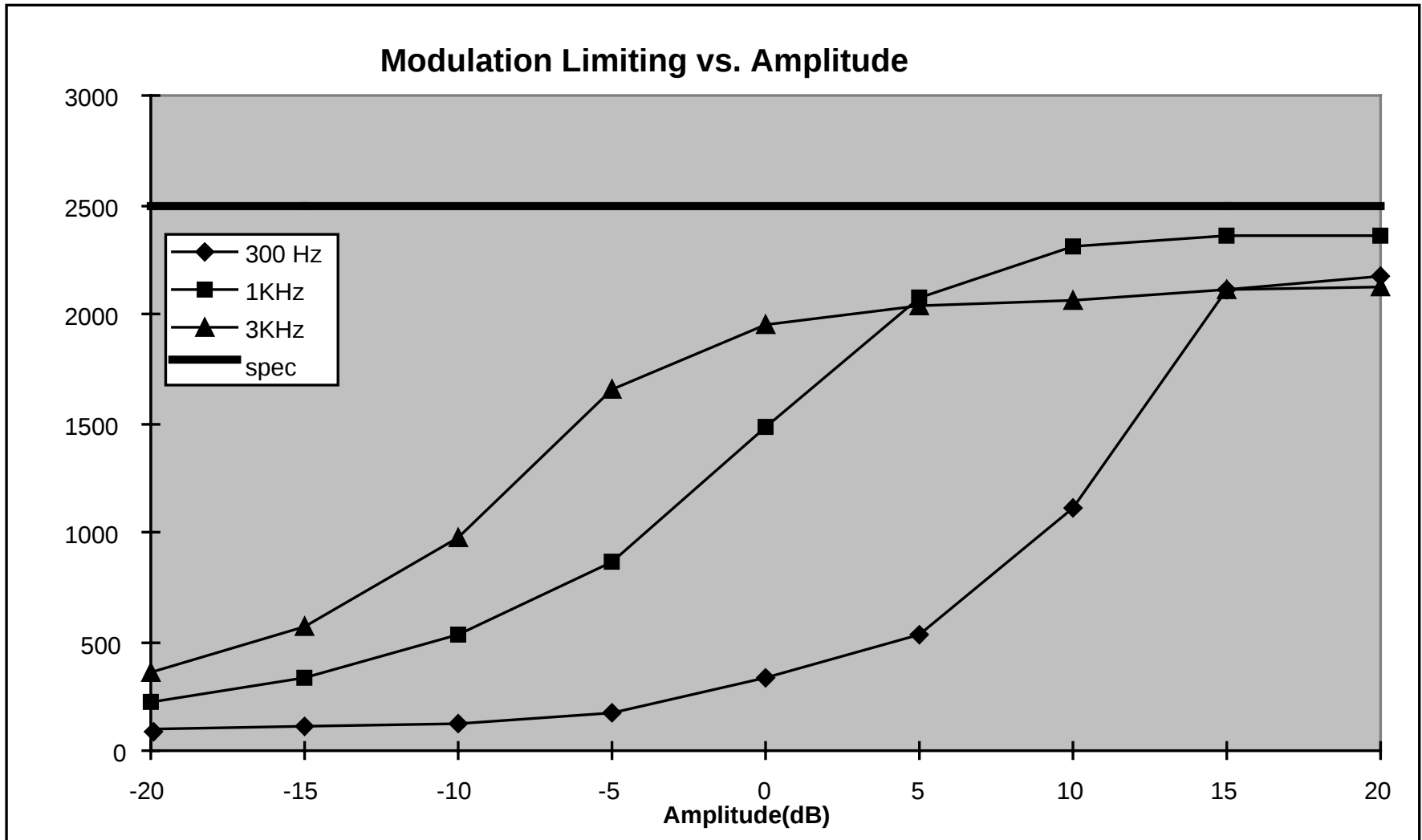
Measured RF output	2.98	Watts
Normal DC Voltage	7.50	Volts
Normal DC Current	1090	mA
Primary Supply Voltage	7.50	Volts

EXHIBIT6A





From 10K to 30Khz was in the noise floor of instrument.



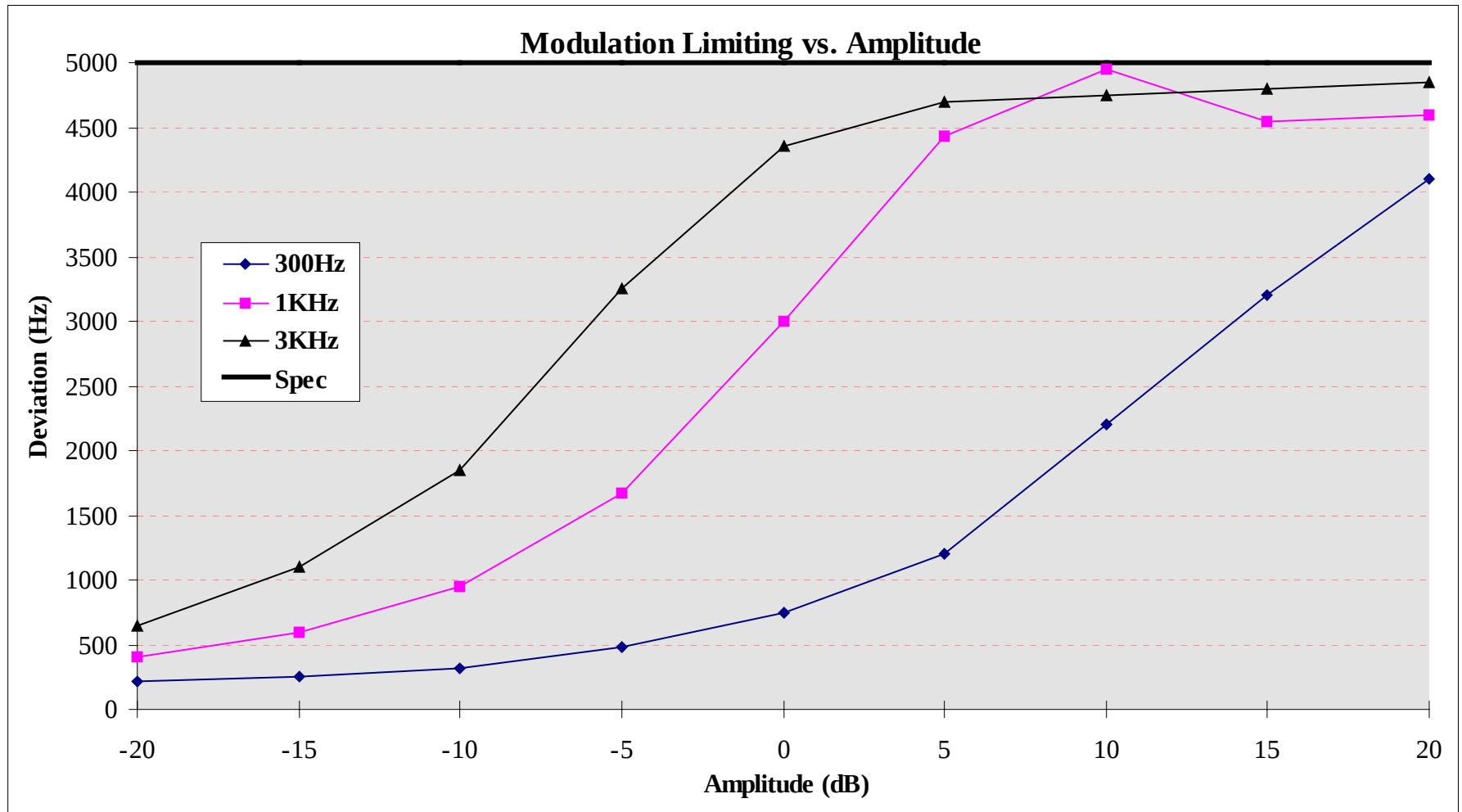


EXHIBIT 6D-2

OCCUPIED BANDWIDTH DATA

12.5 KHz
Channel Spacing

EXHIBIT 9E-1
2500 Hz Audio Modulation
Emission Type: 11K0F3E
Horizontal: 5 kHz /Div.
Vertical: 10 dB/Div.
Carrier Ref: 0 dB
Specification Mask D, 90.210

EXHIBIT 9E-2
2500 Hz & 77 Hz Tone "PL" Modulation
Emission Type: 11K0F3E
Horizontal: 5 kHz /Div.
Vertical: 10 dB/Div.
Carrier Ref: 0 dB
Specification Mask D, 90.210

25 KHz
Channel Spacing

EXHIBIT 9E-3
2500 Hz Audio Modulation
Emission Type: 16K0F3E
Horizontal: 5 kHz /Div.
Vertical: 10 dB/Div.
Carrier Ref: 0 dB
Specification Mask B, 90.210

EXHIBIT 9E-4
2500 Hz & 77 Hz Tone "PL" Modulation
Emission Type: 16K0F3E
Horizontal: 5 kHz /Div.
Vertical: 10 dB/Div.
Carrier Ref: 0 dB
Specification Mask B, 90.210

CARSON'S RULE

11K0F3E:

$$BW = 2(M + D)$$

$$BW = 2 (3 \text{ kHz maximum modulation frequency} + 2.5 \text{ kHz deviation})$$

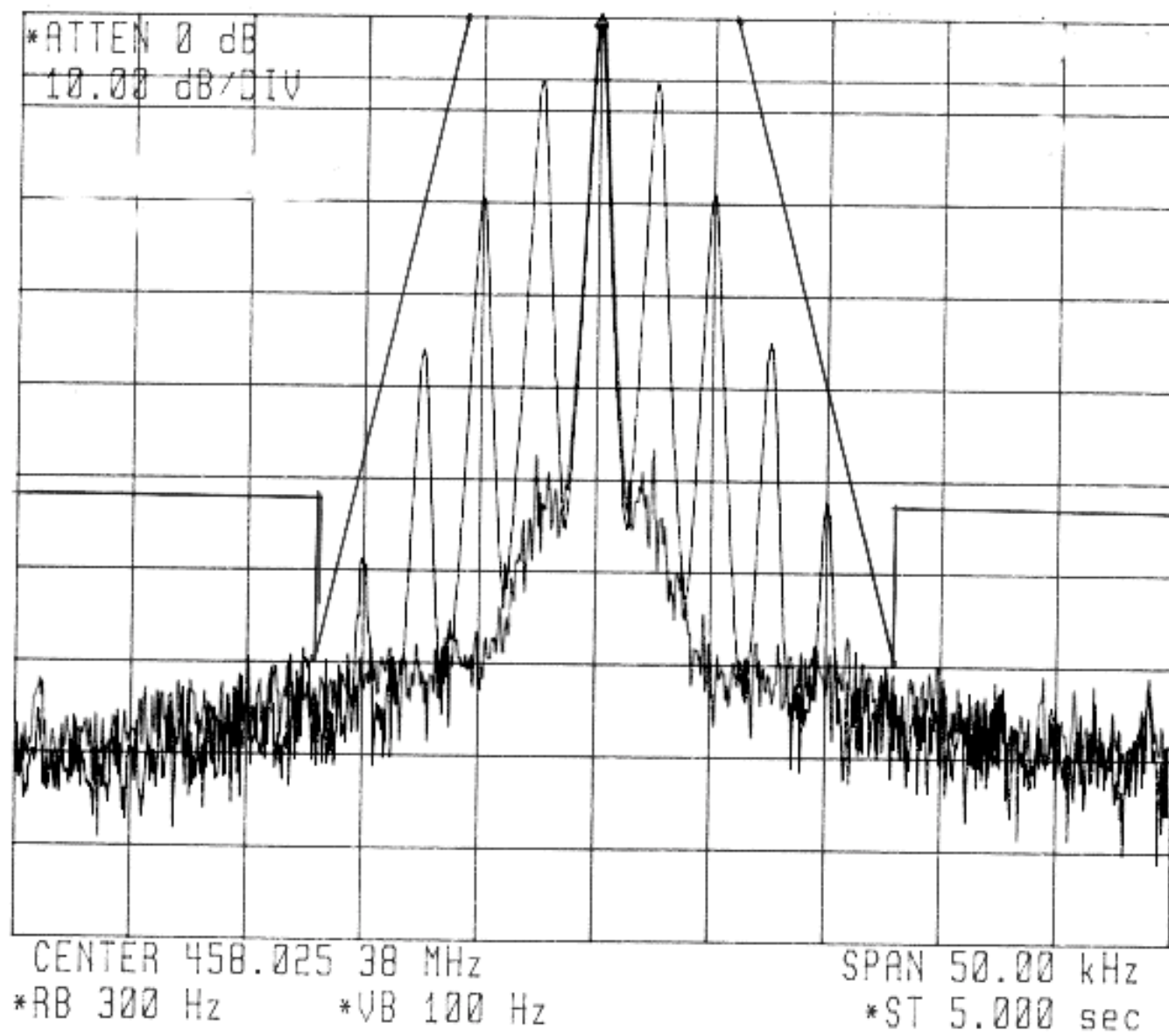
$$BW = 2 (5.5)$$

$$BW = 11 \text{ kHz}$$

16K0F3E:

$$BW = 2(3+5) = 16 \text{ kHz}$$

EXHIBIT 6E



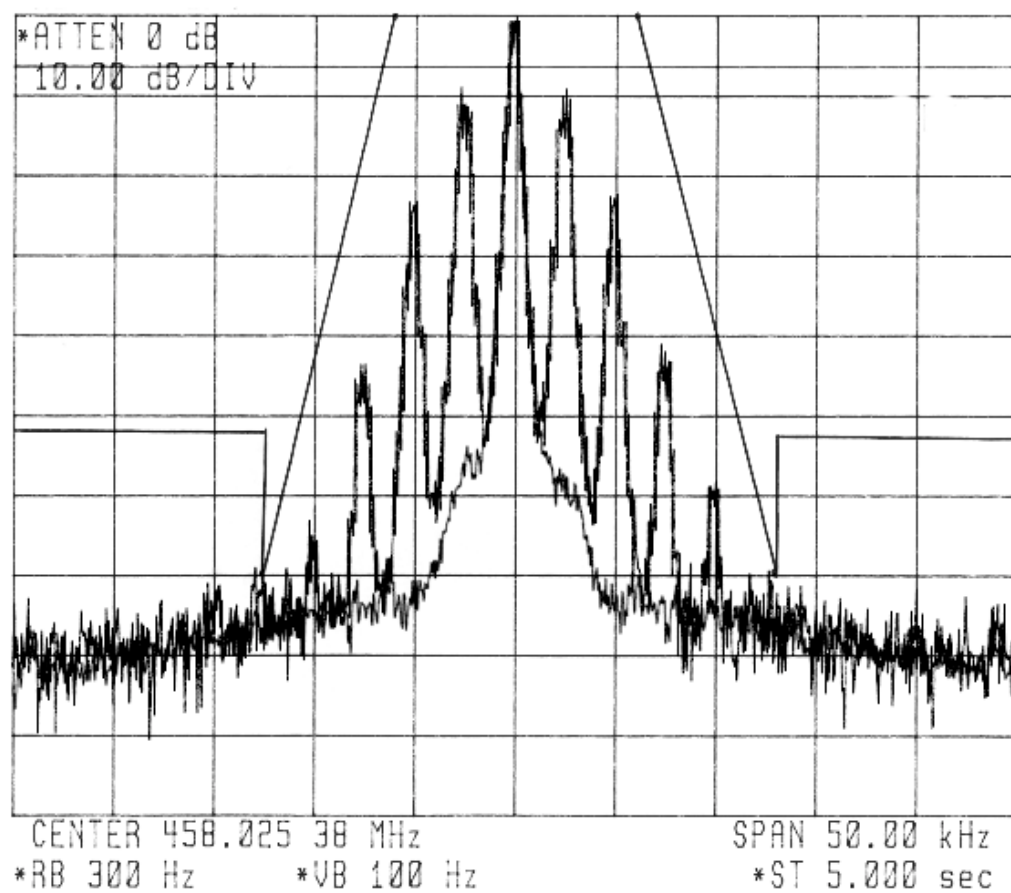


EXHIBIT 6E-2

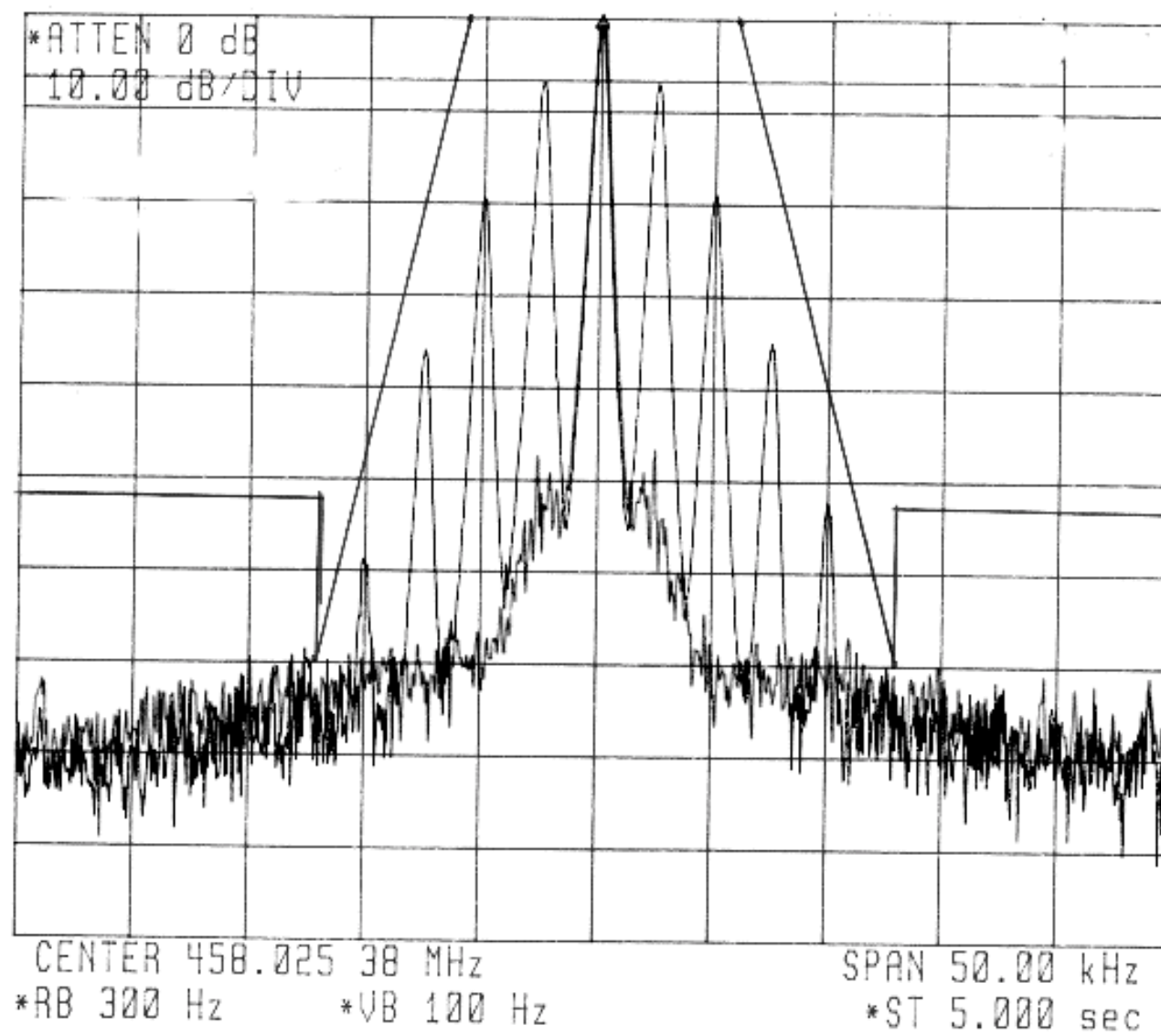


EXHIBIT 6E-3

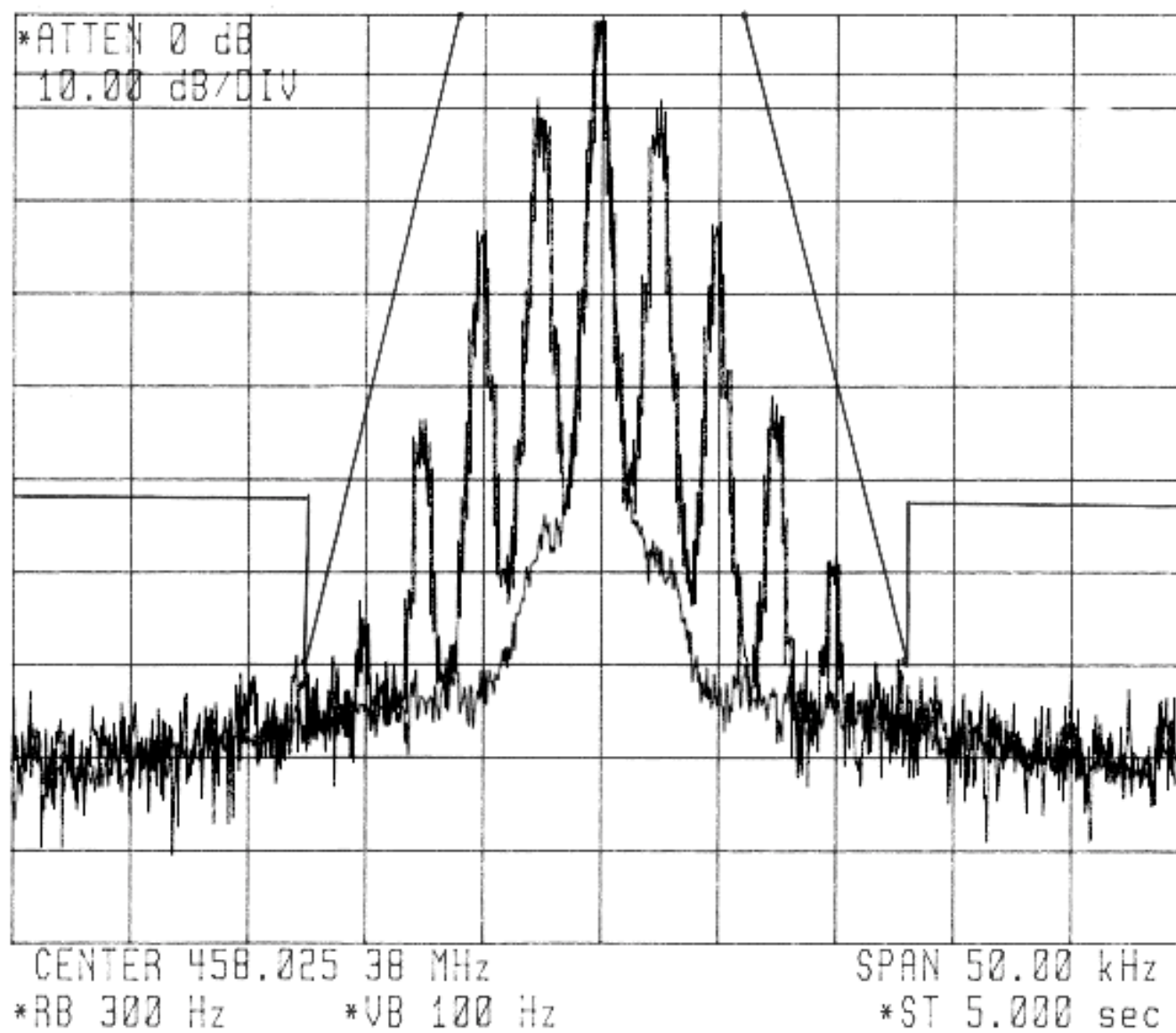


EXHIBIT 6E-4

EIA/TIA RS-603 TX Conducted Spurs

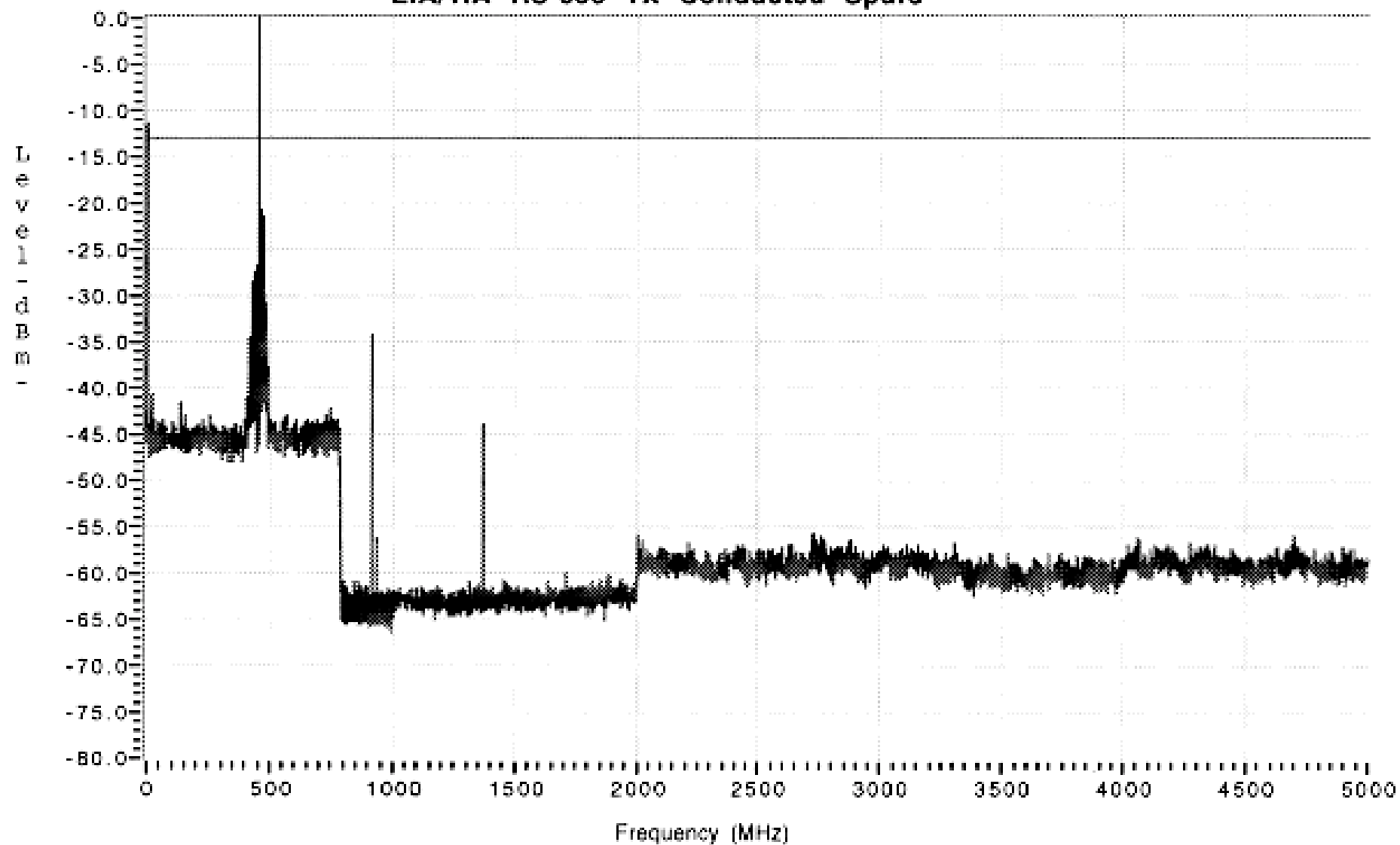


EXHIBIT 6F-1

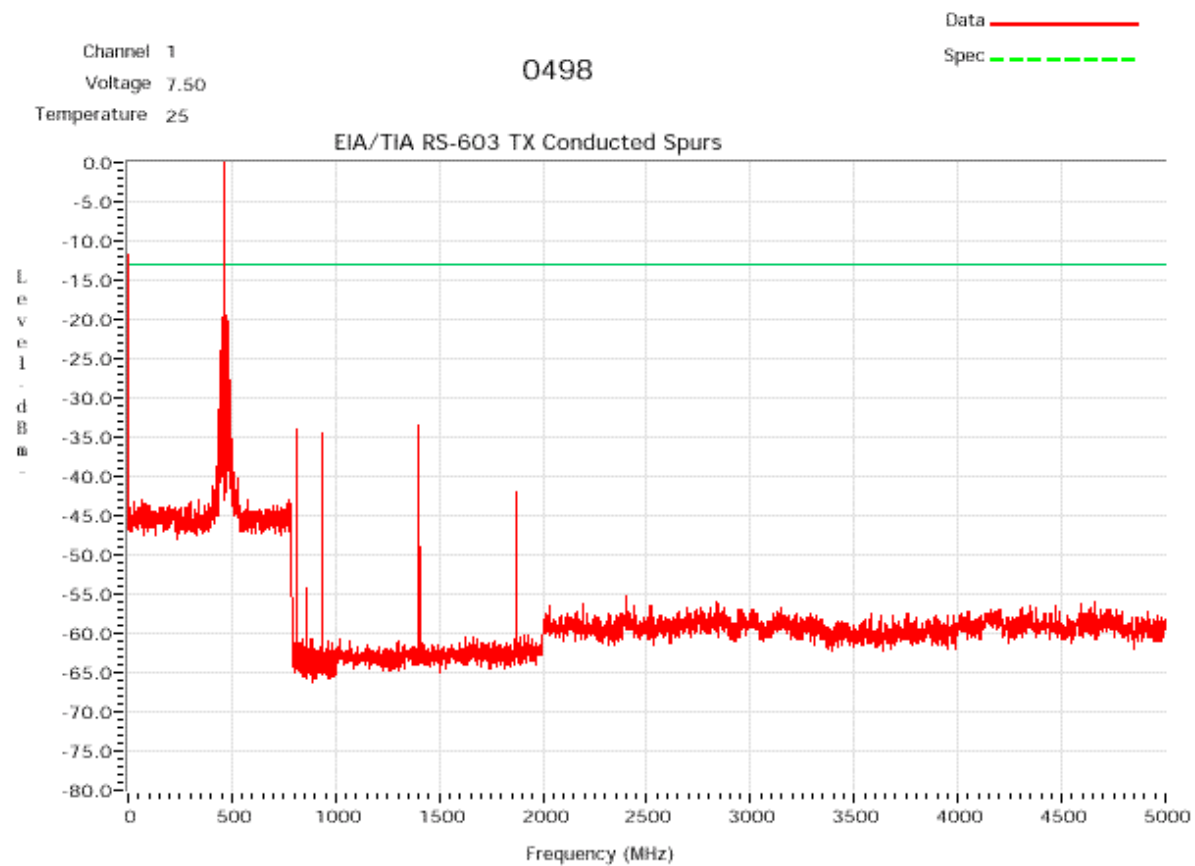
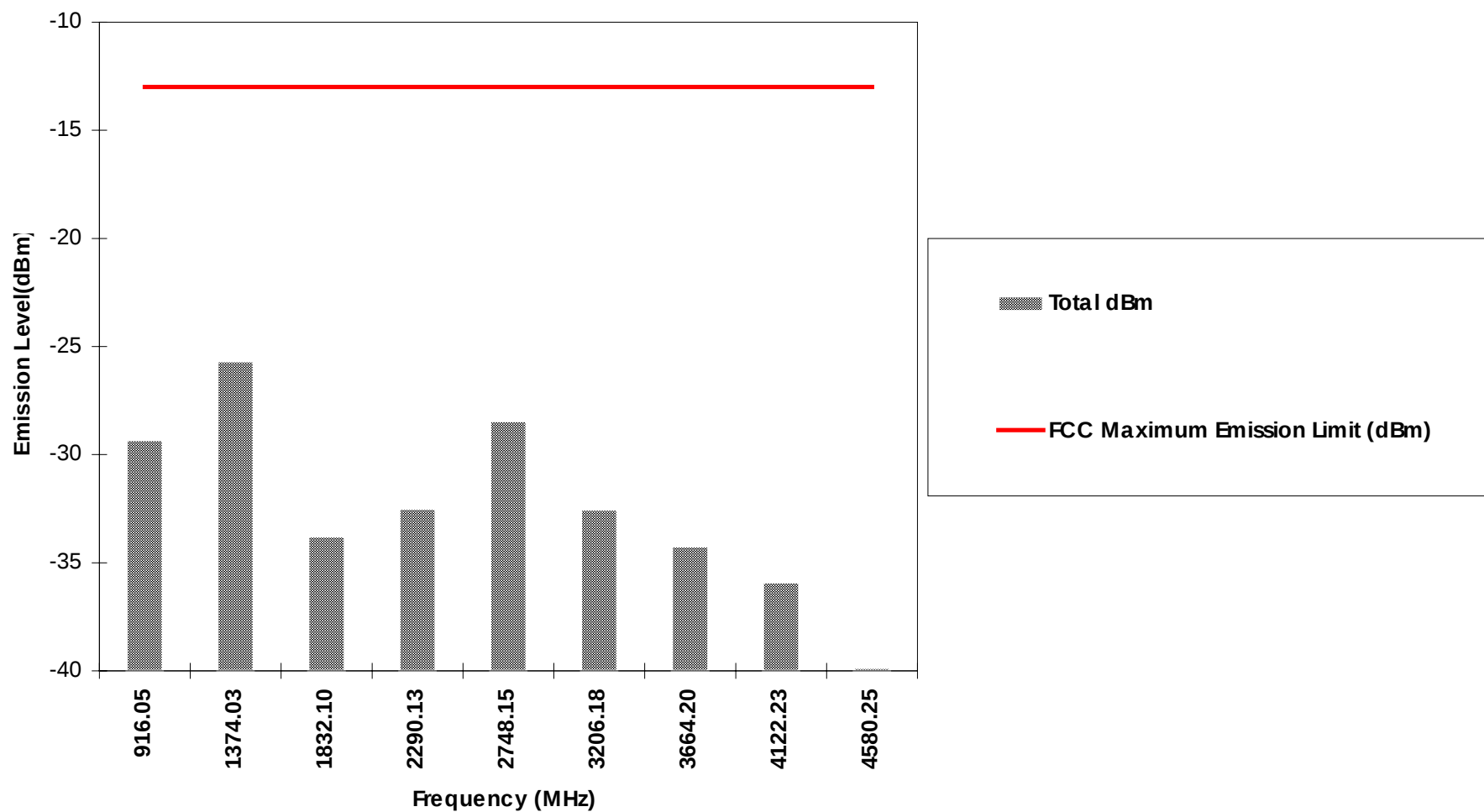


EXHIBIT 6F-2

FCC_UHF_1WATT_Transmit_458.025MHz_Vertical Polarization
FCC ID: AZ489FT4831



FCC_UHF_1WATT_Transmit_458.025MHz_Horizontal Polarization
FCC ID: AZ489FT4831

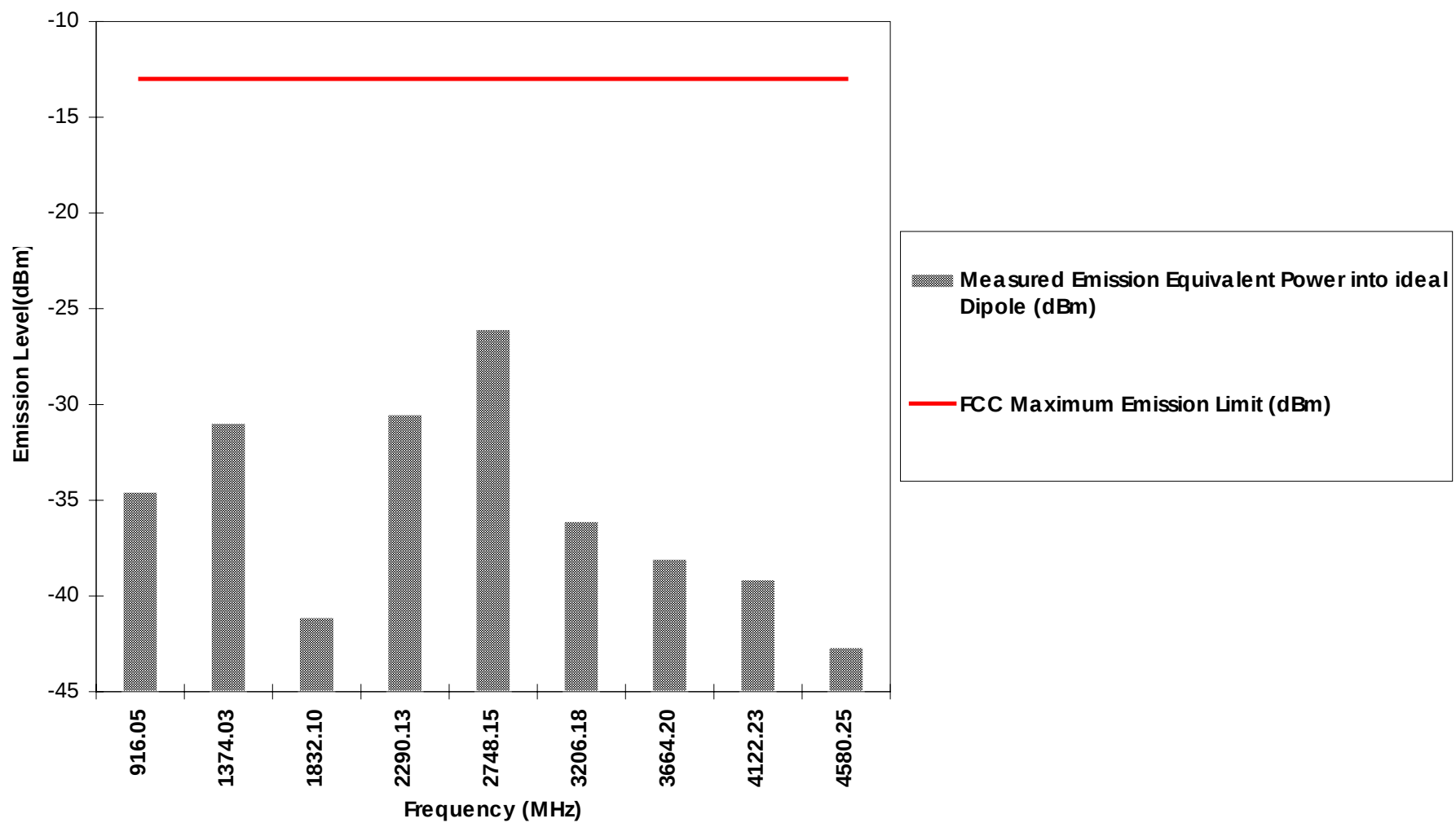


EXHIBIT 6G-2

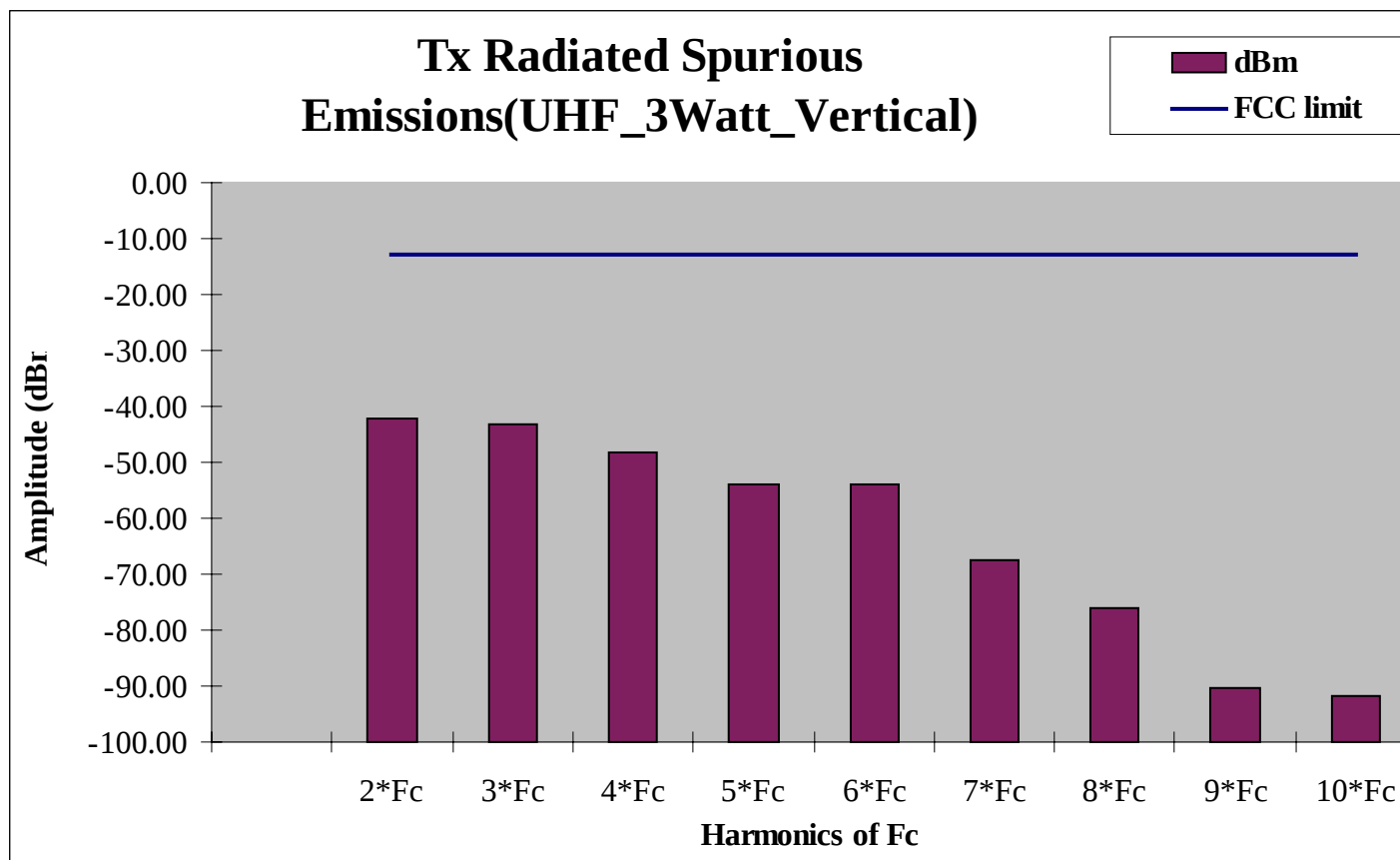
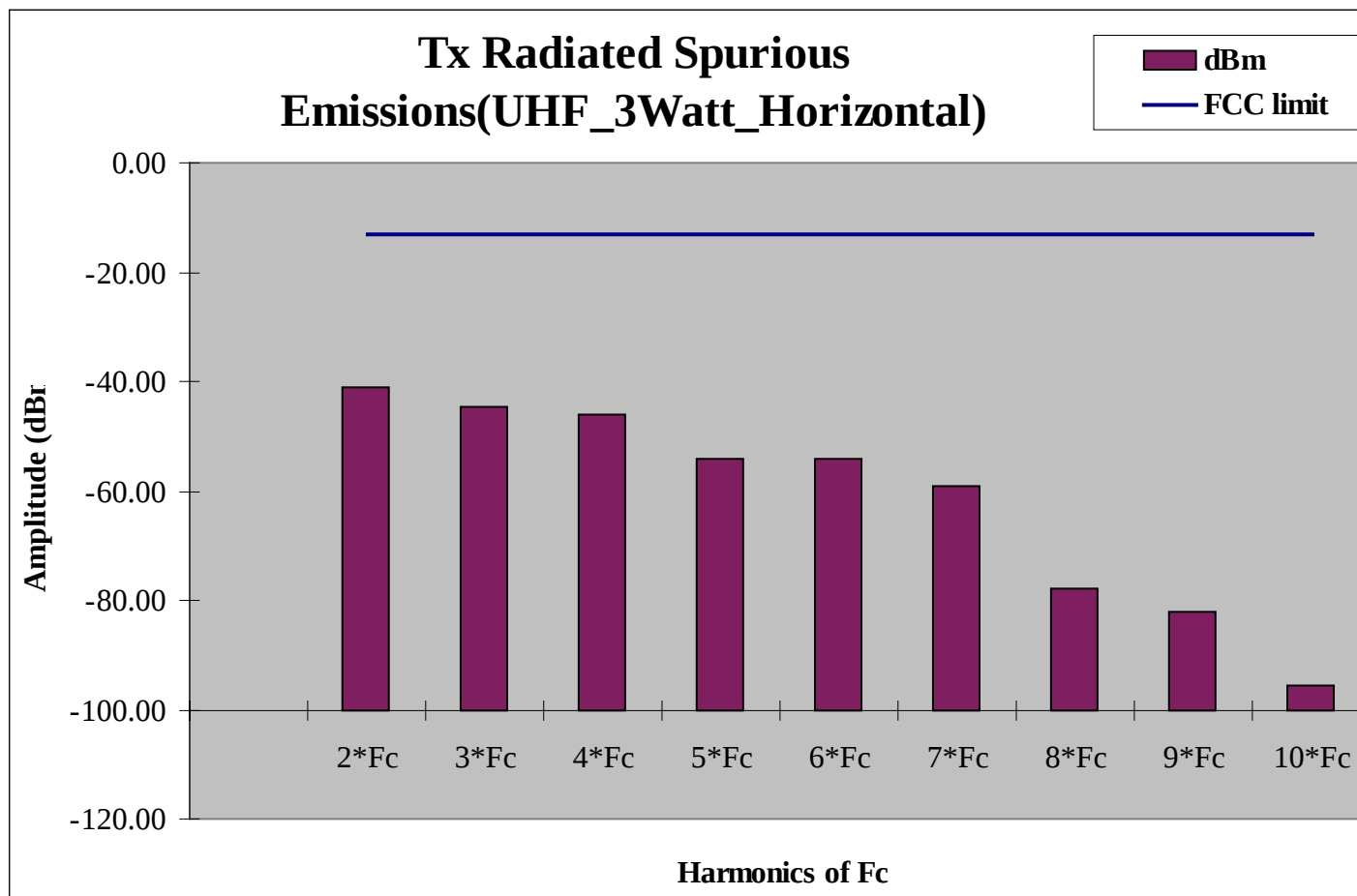
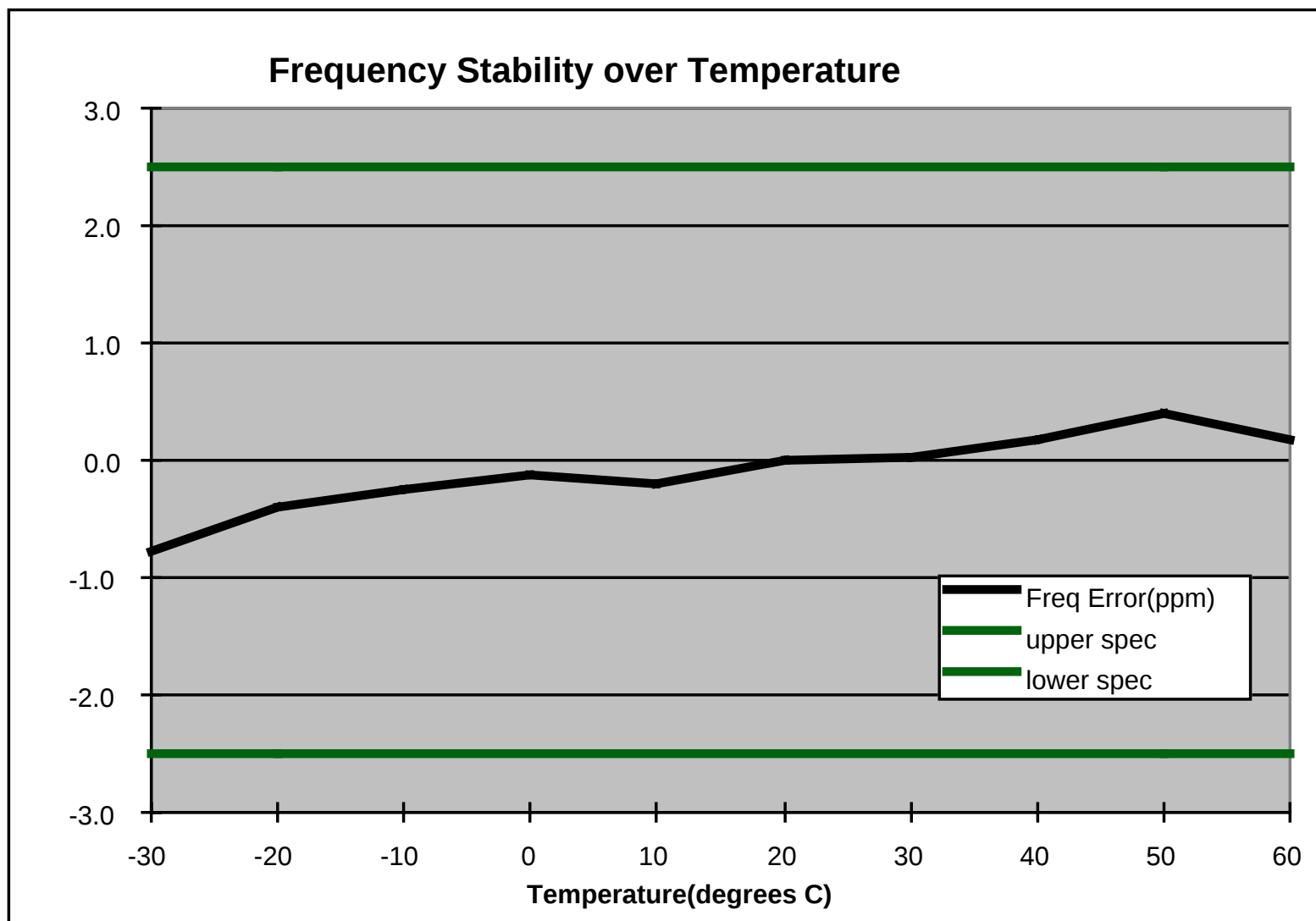
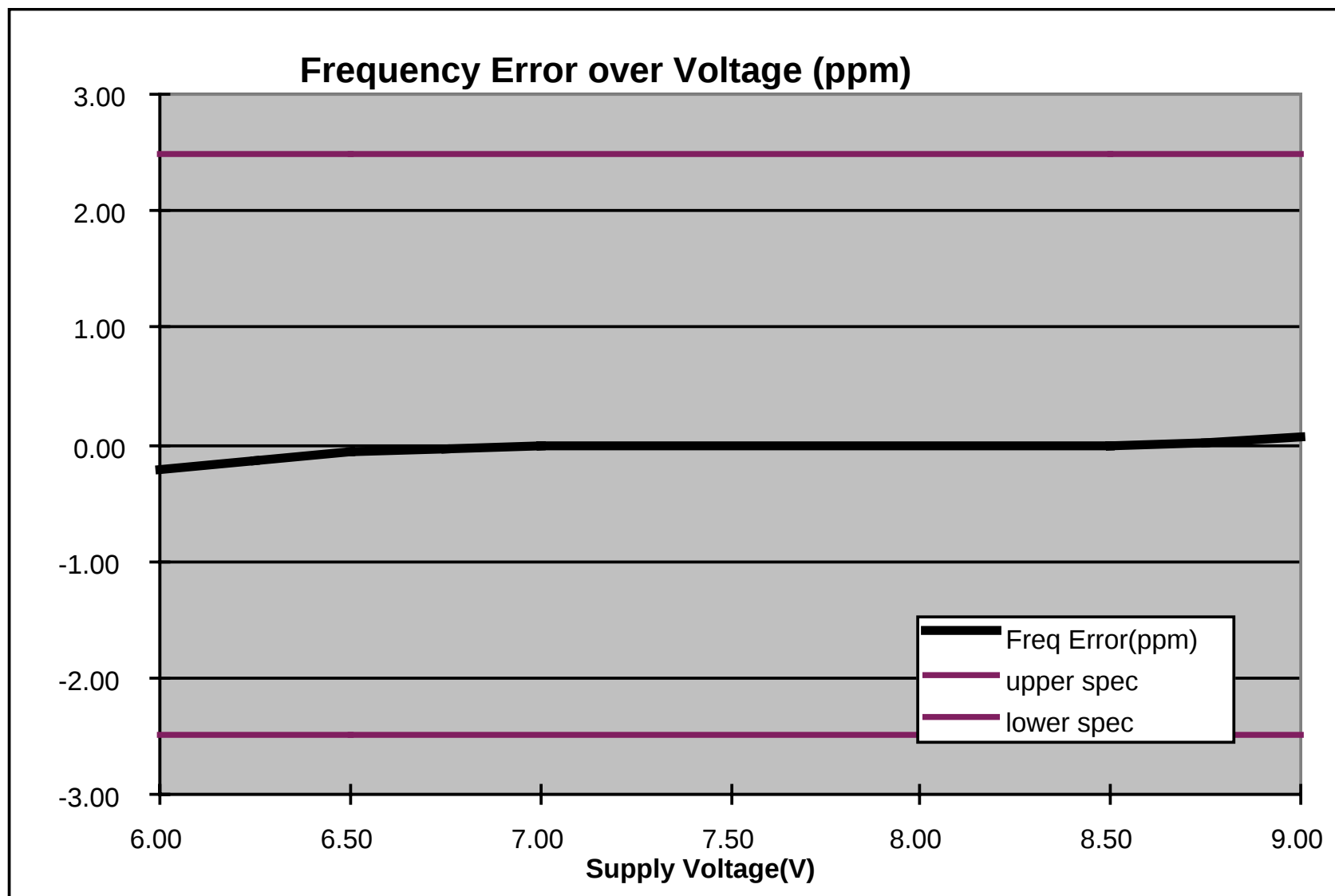


EXHIBIT 6G-3







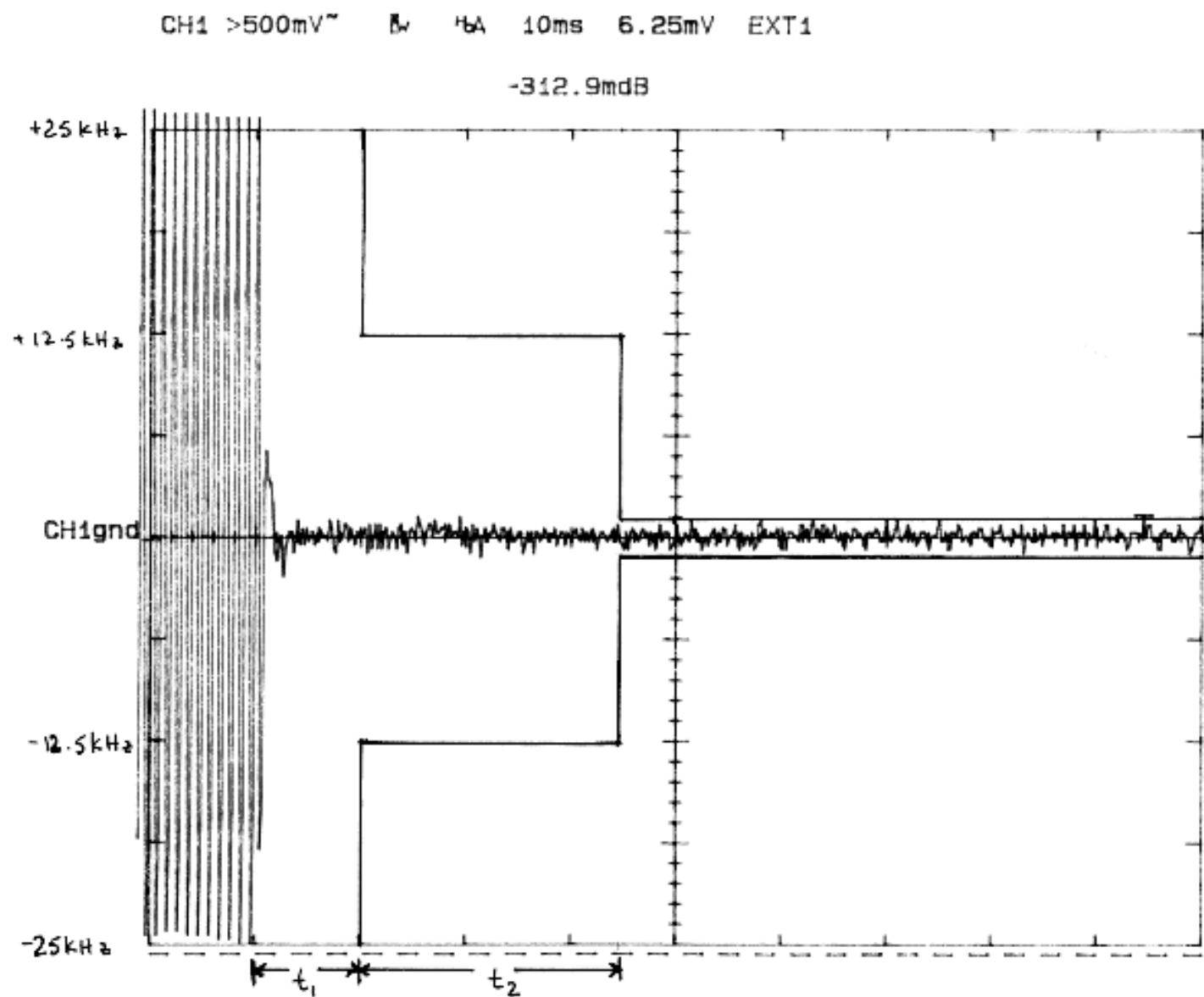


EXHIBIT 6I-1

CH1 >500mV[~] A 10ms -5.08mV EXT1

-312.9mdB

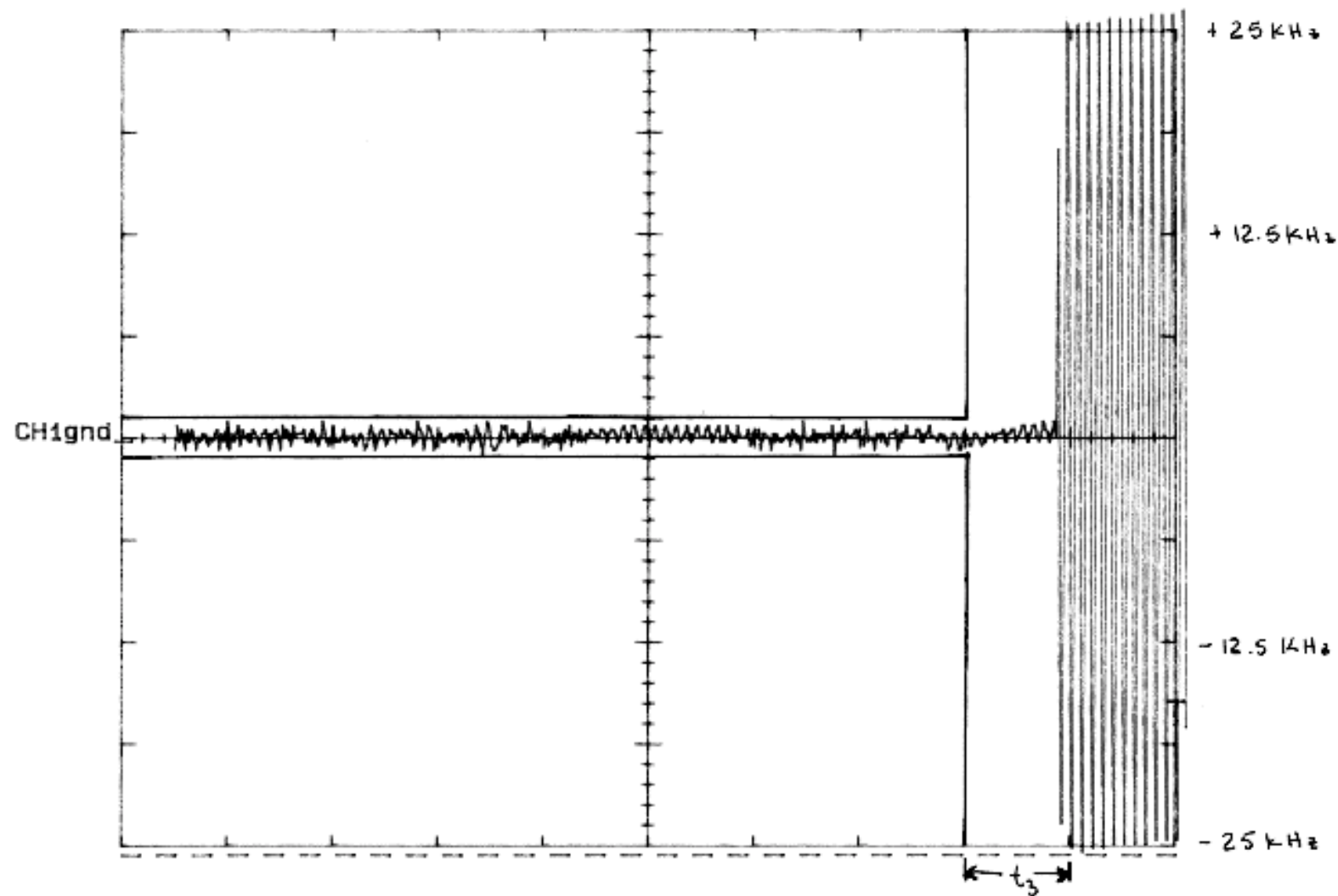


EXHIBIT6I 2



MOTOROLA

FCC ID: AZ489FT4831

For Exhibits 6I 3, 4,5 6---See attachment.