

EXHIBIT 6 INDEX OF SUBMITTED MEASURED DATA

This exhibit contains the measured data for this equipment as follows:

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EXHIBIT 6A**RF Conducted Power Output Data -- Pursuant 47 CFR 2.1046(a), 2.1033(c)(6), 2.1033(c)(7) and 2.1033(c)(8)**

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device (Q101).

At maximum output power setting, Frequency 136.155 MHz:

Output RF power	5.65	Watts
DC Voltage	7.51	Volts
DC Current	2.42	A
DC Input Power	18.17	Watts

At minimum output power setting, Frequency 136.155 MHz:

Output RF power	1.07	Watts
DC Voltage	7.51	Volts
DC Current	1.26	A
DC Input Power	9.46	Watts

At maximum output power setting, Frequency 155.455 MHz:

Output RF power	5.66	Watts
DC Voltage	7.51	Volts
DC Current	2.15	A
DC Input Power	16.15	Watts

At minimum output power setting, Frequency 155.455 MHz:

Output RF power	1.01	Watts
DC Voltage	7.51	Volts
DC Current	1.26	A
DC Input Power	9.46	Watts

At maximum output power setting, Frequency 173.955 MHz:

Output RF power	5.67	Watts
DC Voltage	7.51	Volts
DC Current	2.10	A
DC Input Power	15.77	Watts

At minimum output power setting, Frequency 173.955 MHz:

Output RF power	1.07	Watts
DC Voltage	7.51	Volts
DC Current	1.27	A
DC Input Power	9.54	Watts

EXHIBIT 6B

Transmit Audio Response - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

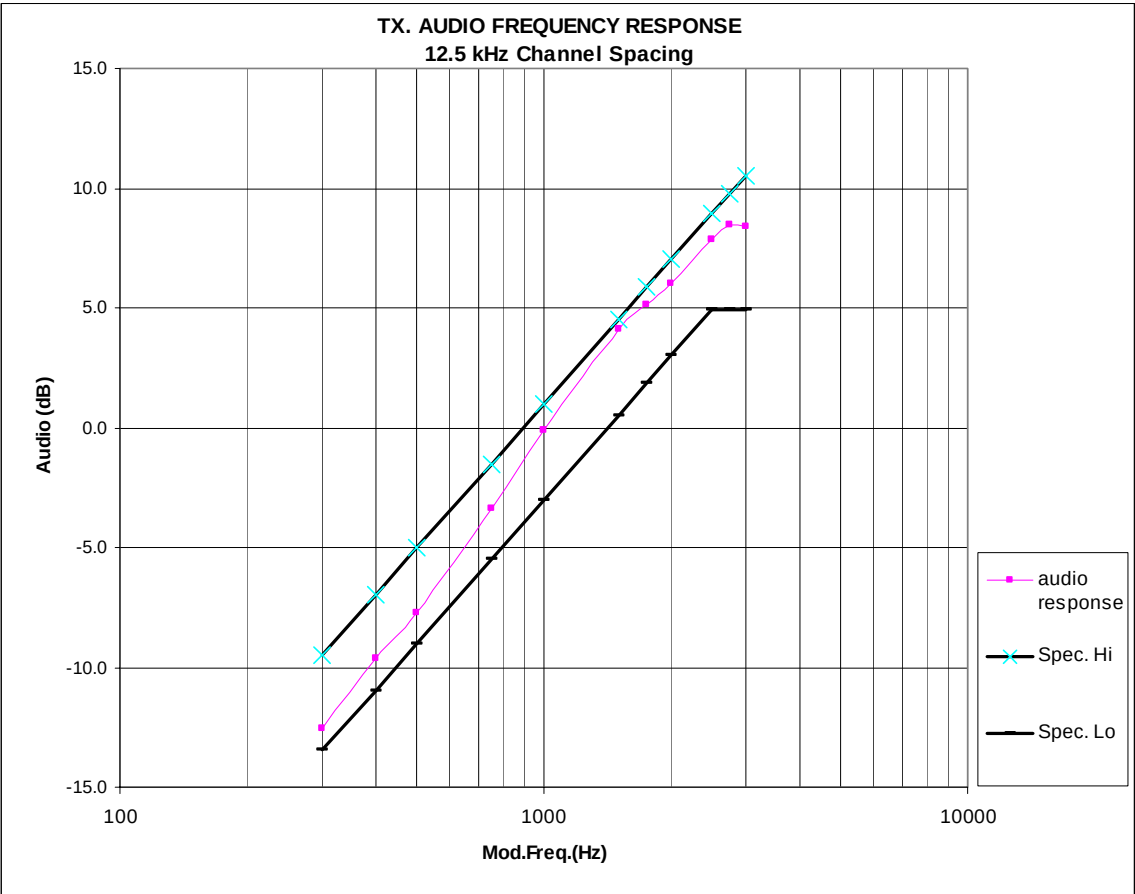


Figure 6B-1: 12.5 kHz Channel Spacing, 155.455 MHz, Transmit Audio Frequency Response

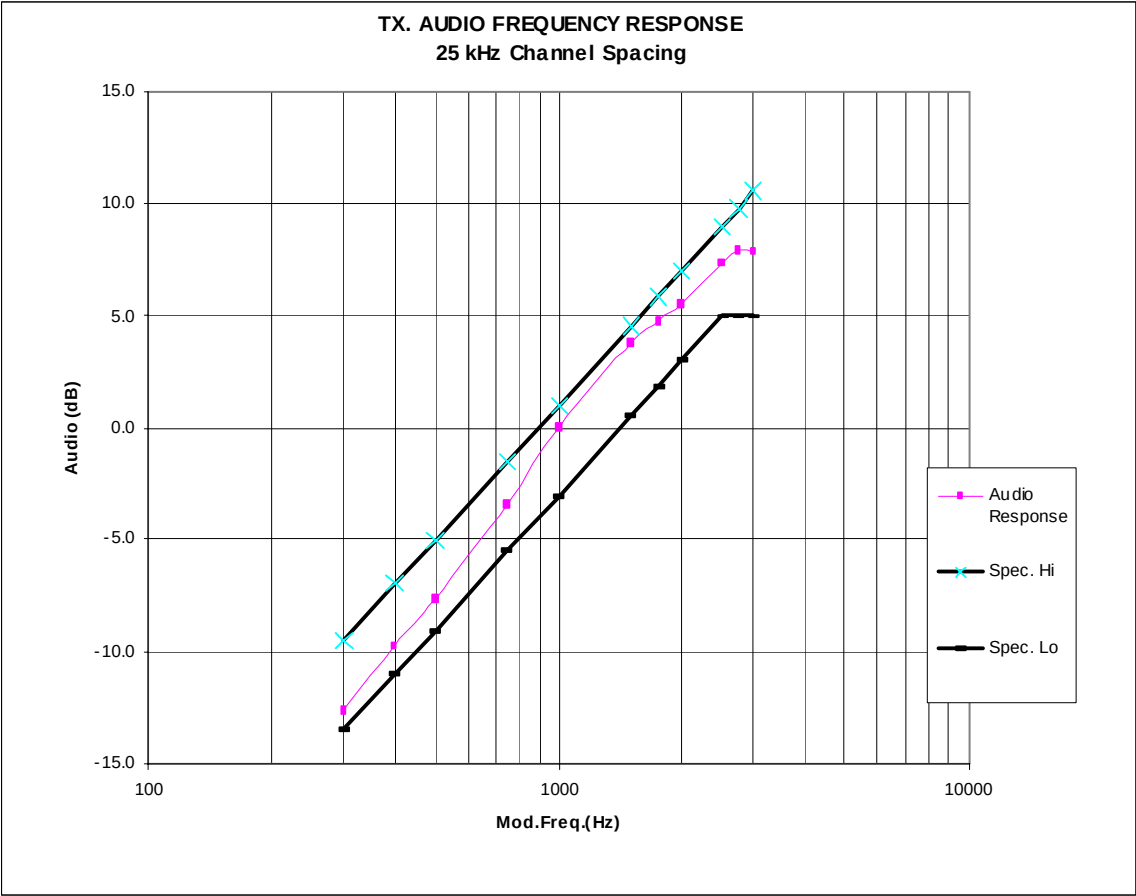


Figure 6B-2: 25 kHz Channel Spacing, 155.455 MHz, Transmit Audio Frequency Response

EXHIBIT 6C

Transmit Audio Post Limiter Low Pass Filter Response - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

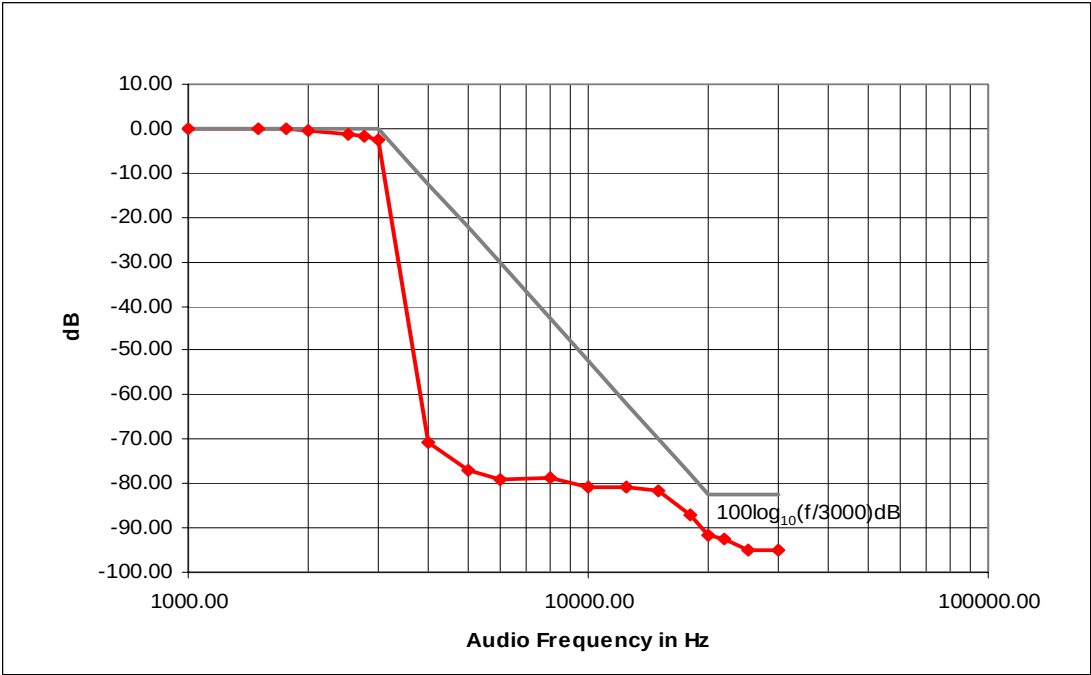


Figure 6C-1: 12.5 kHz Channel Spacing, 155.455 MHz, Transmit Audio Low Pass Filter Response

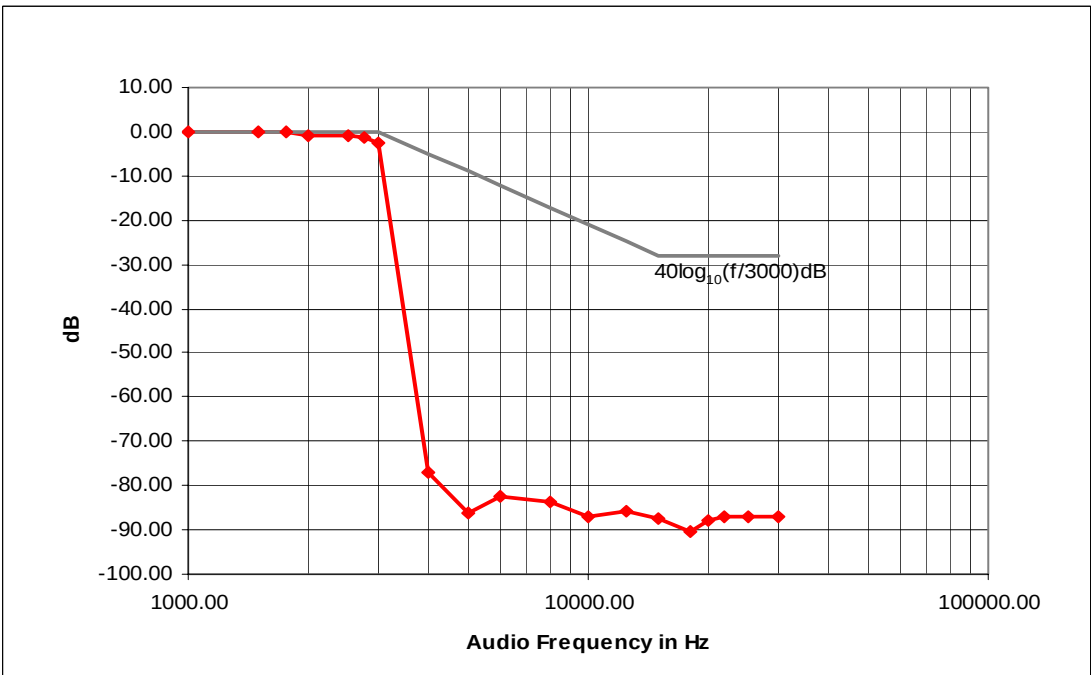


Figure 6C-2: 25 kHz Channel Spacing, 155.455 MHz, Transmit Audio Low Pass Filter Response

EXHIBIT 6D

Modulation Limiting - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

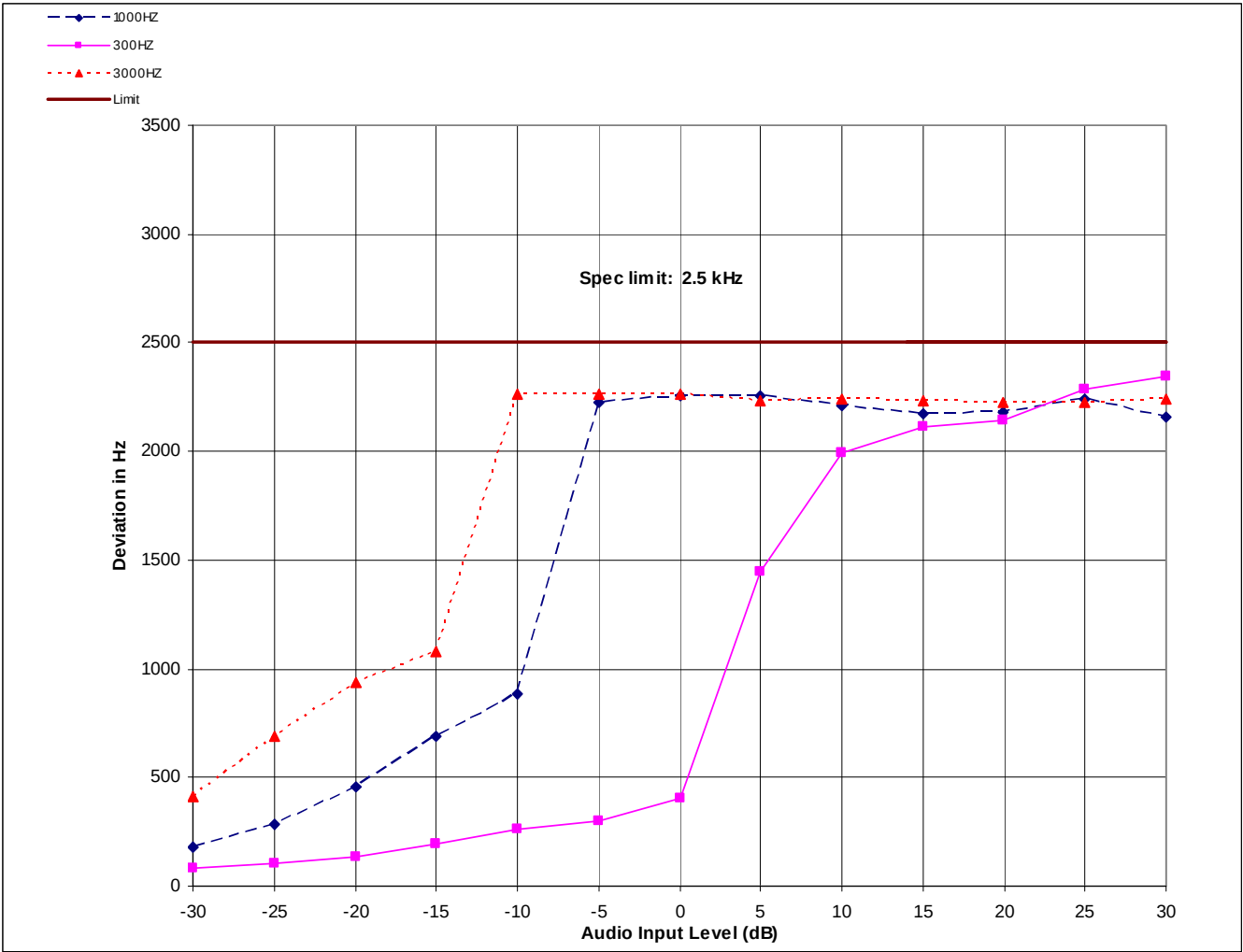


Figure 6D-1: 12.5 kHz Channel Spacing, 155.455 MHz, Carrier Squelch (CSQ) Mode

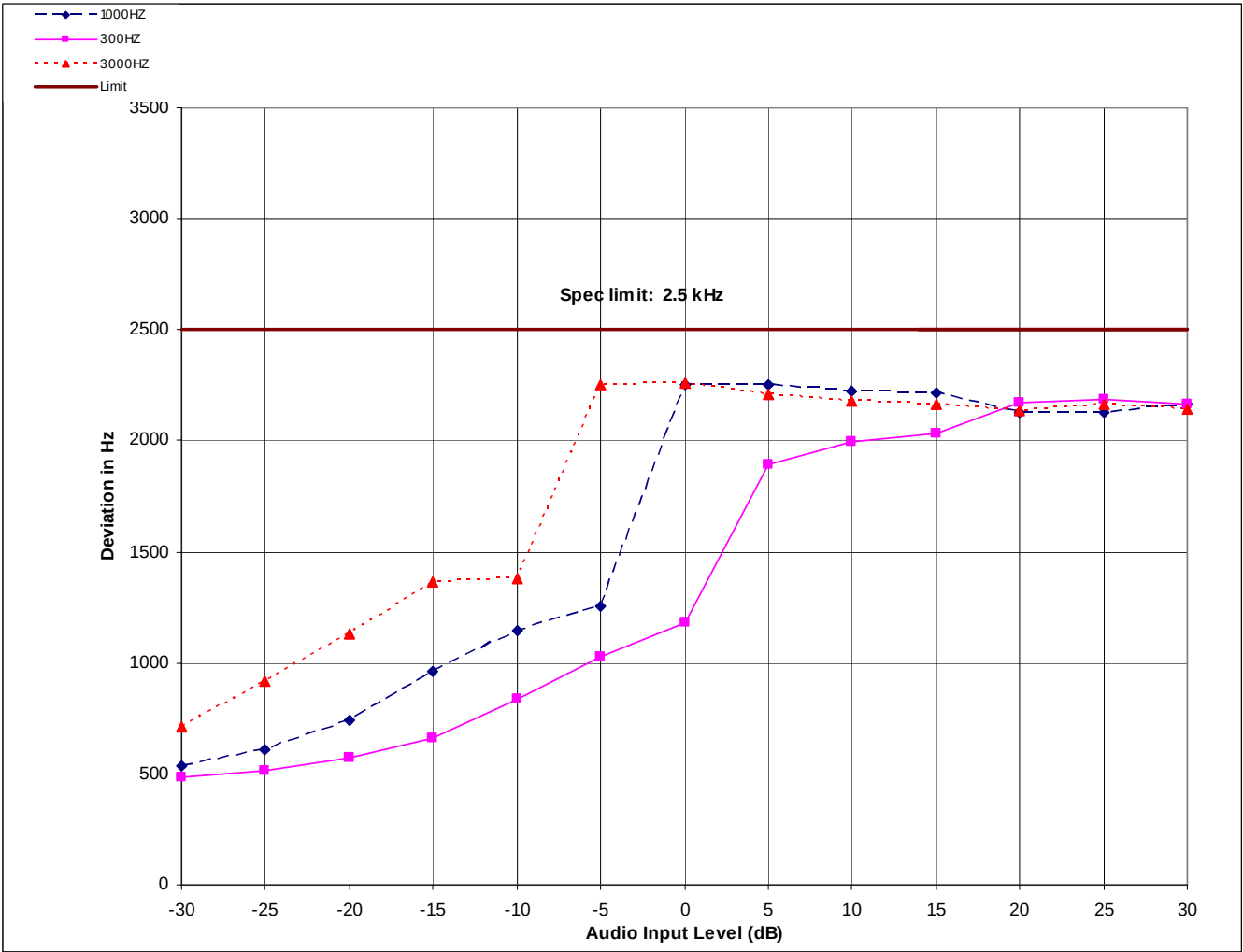


Figure 6D-2: 12.5 kHz Channel Spacing, 155.455 MHz, Tone Private Line (TPL) Mode

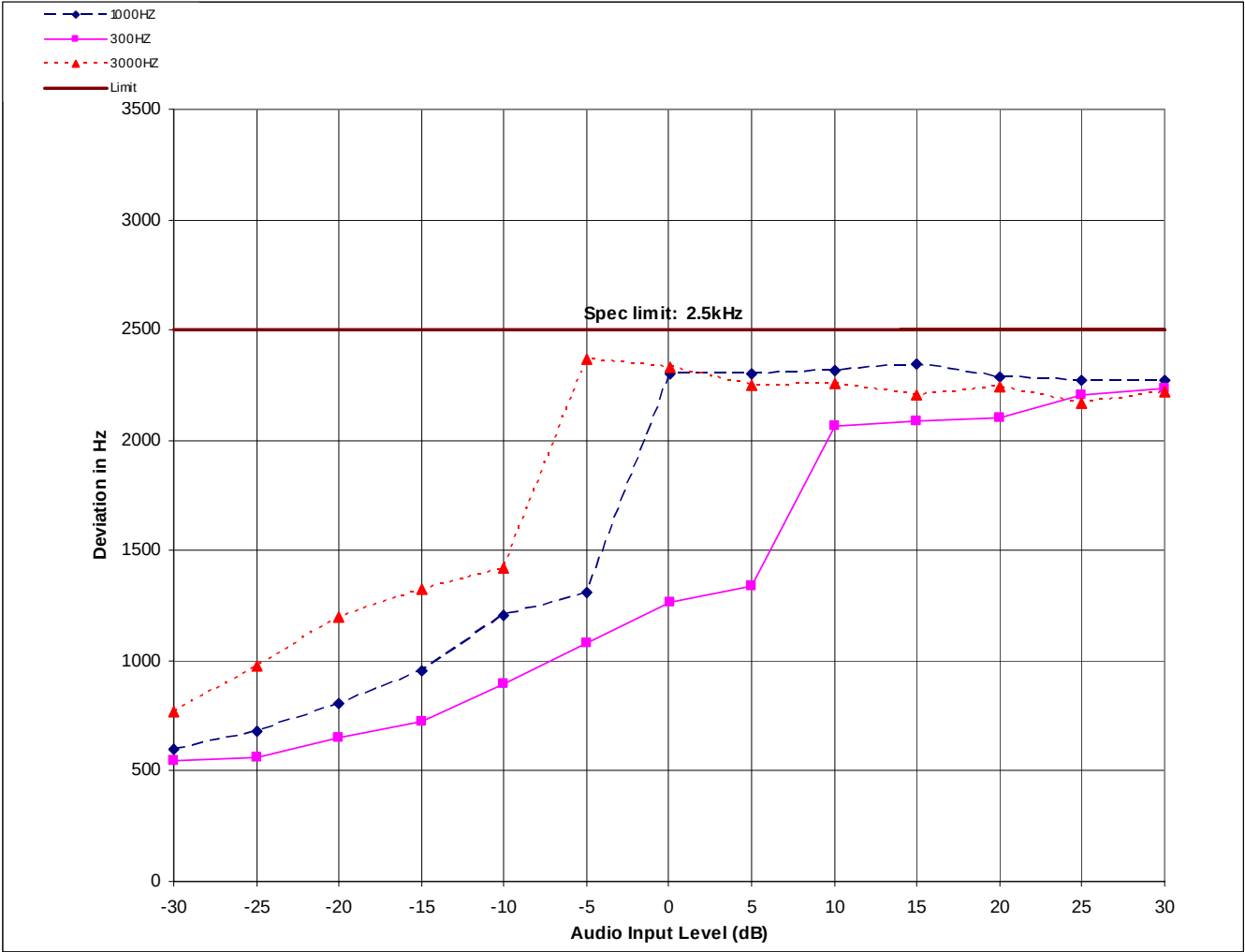


Figure 6D-3: 12.5 kHz Channel Spacing, 155.455 MHz, Digital Private Line (DPL) Mode

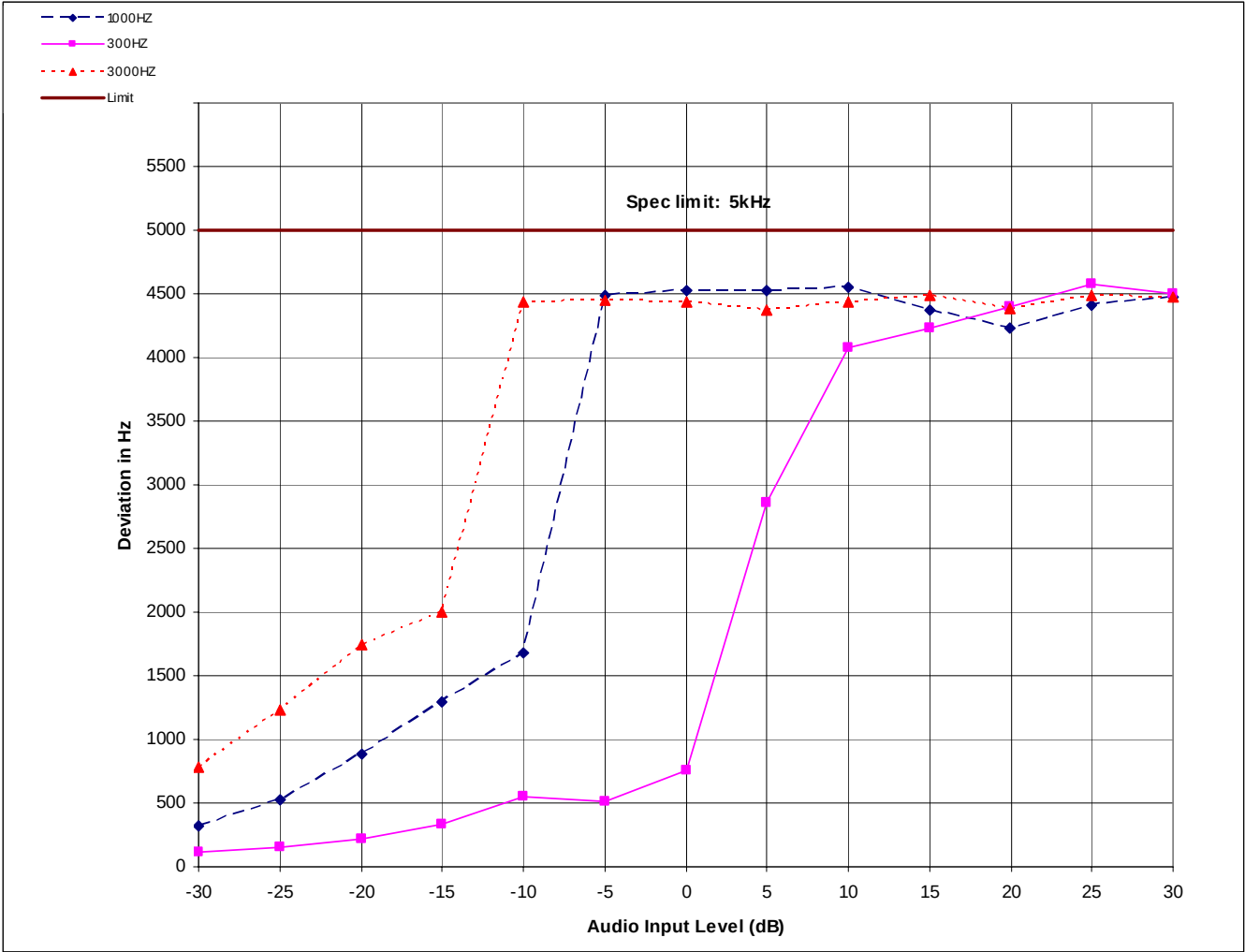


Figure 6D-4: 25 kHz Channel Spacing, 155.455 MHz, Carrier Squelch (CSQ) Mode

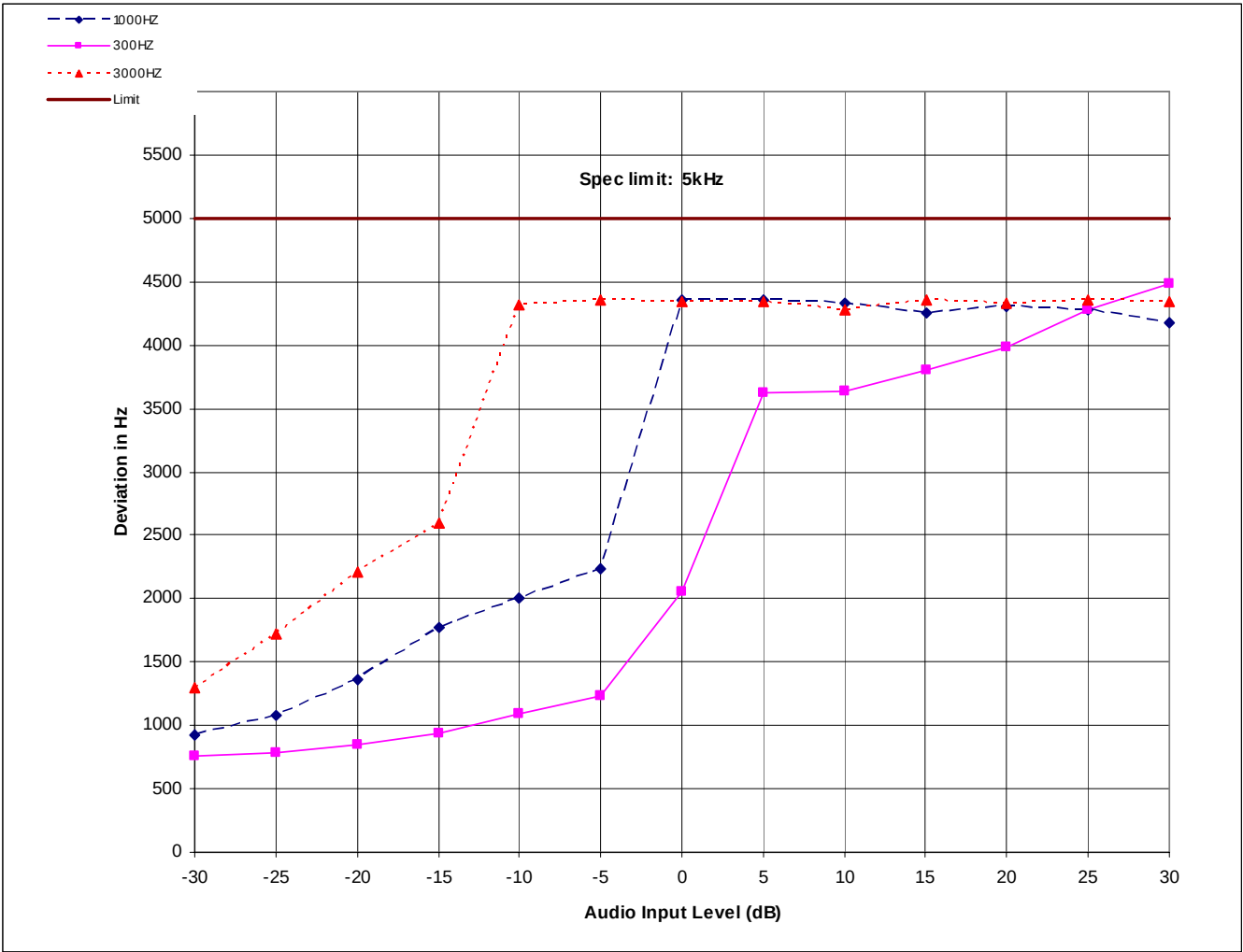


Figure 6D-5: 25 kHz Channel Spacing, 155.455 MHz, Tone Private Line (TPL) Mode

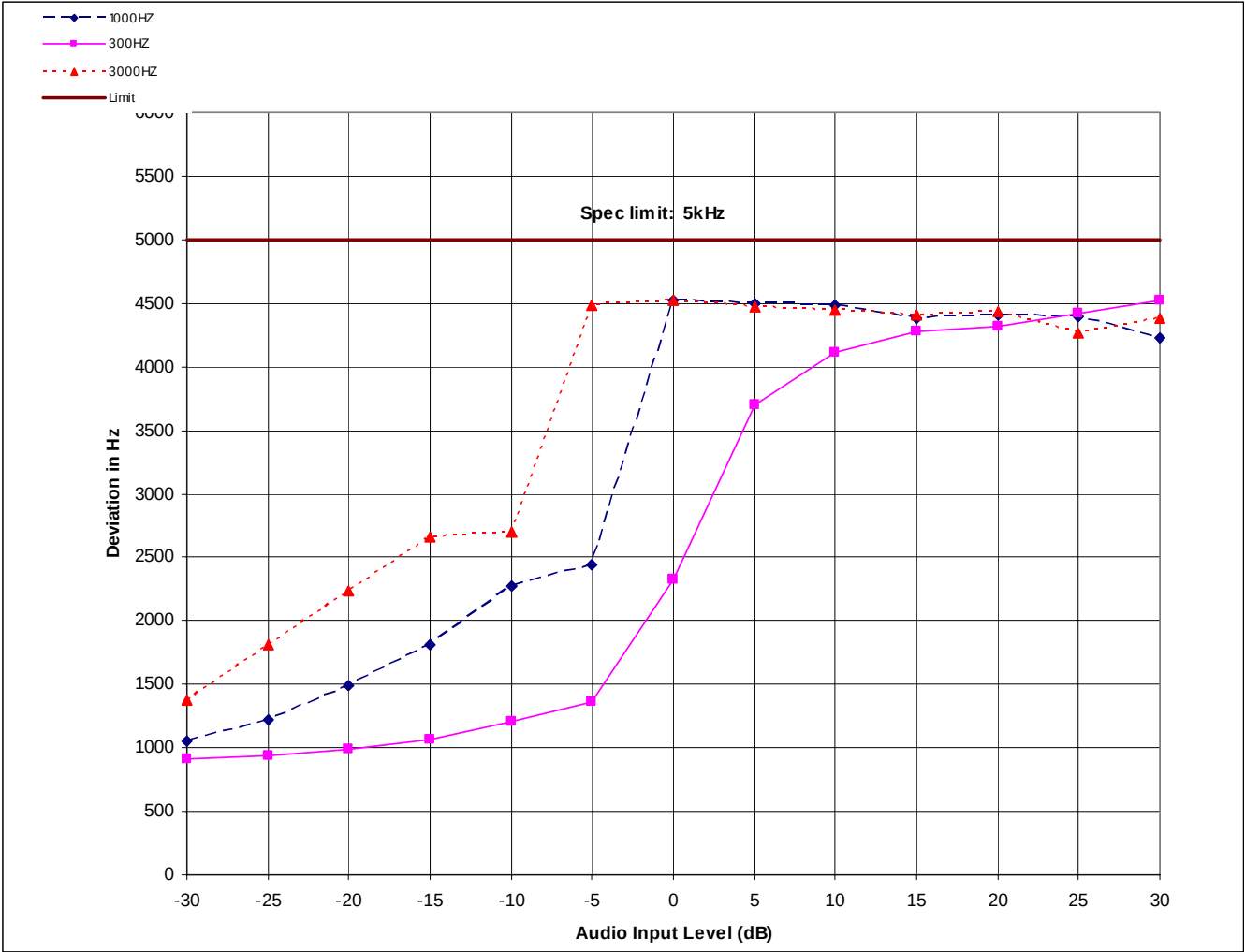


Figure 6D-6: 25 kHz Channel Spacing, 155.455 MHz, Digital Private Line (DPL) Mode

Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210(g) and 90.691

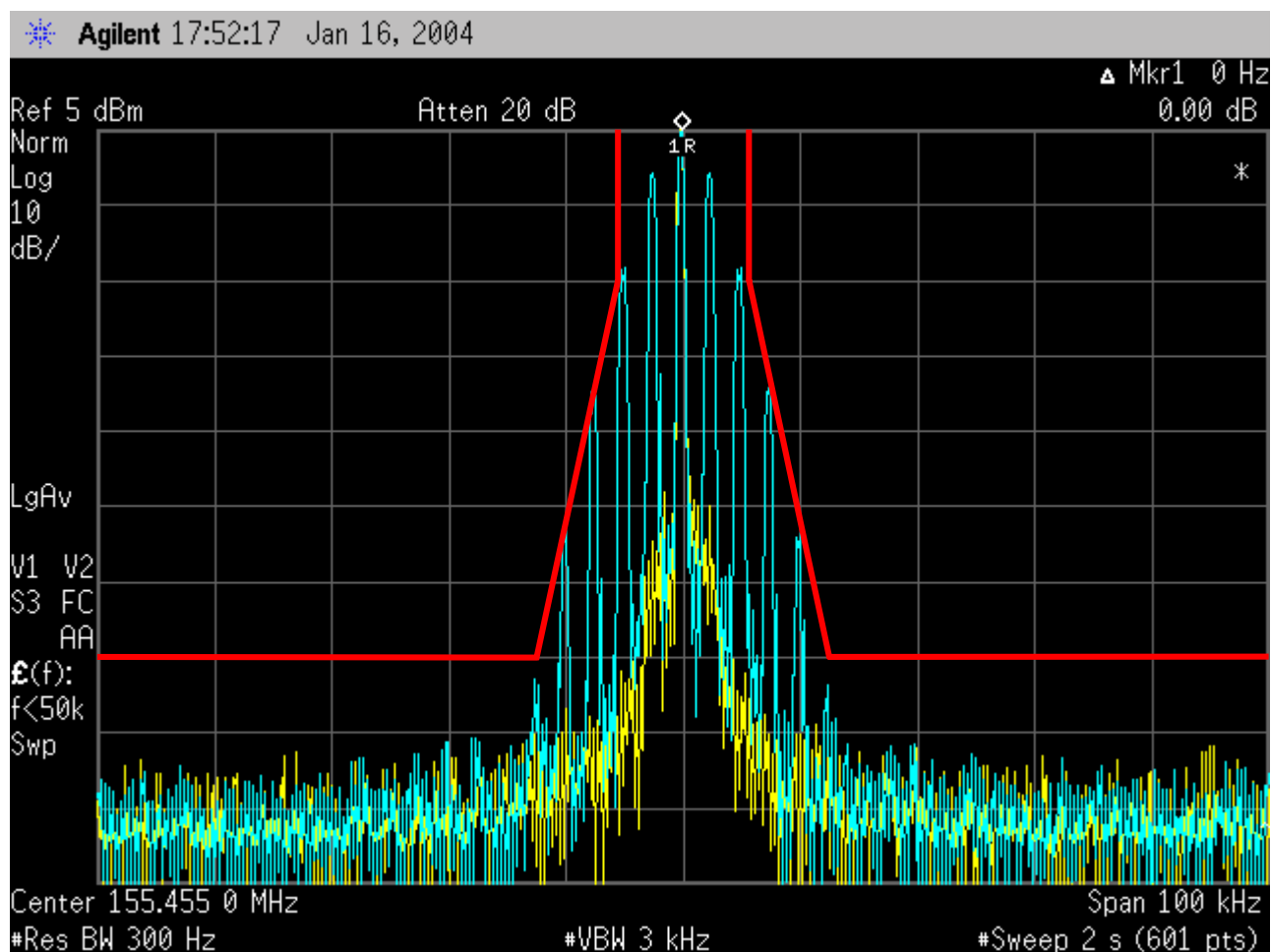


Figure 6E-1: 12.5 kHz Channel Spacing, 155.455 MHz, 2500 Hz Audio Modulation Only, Mask D

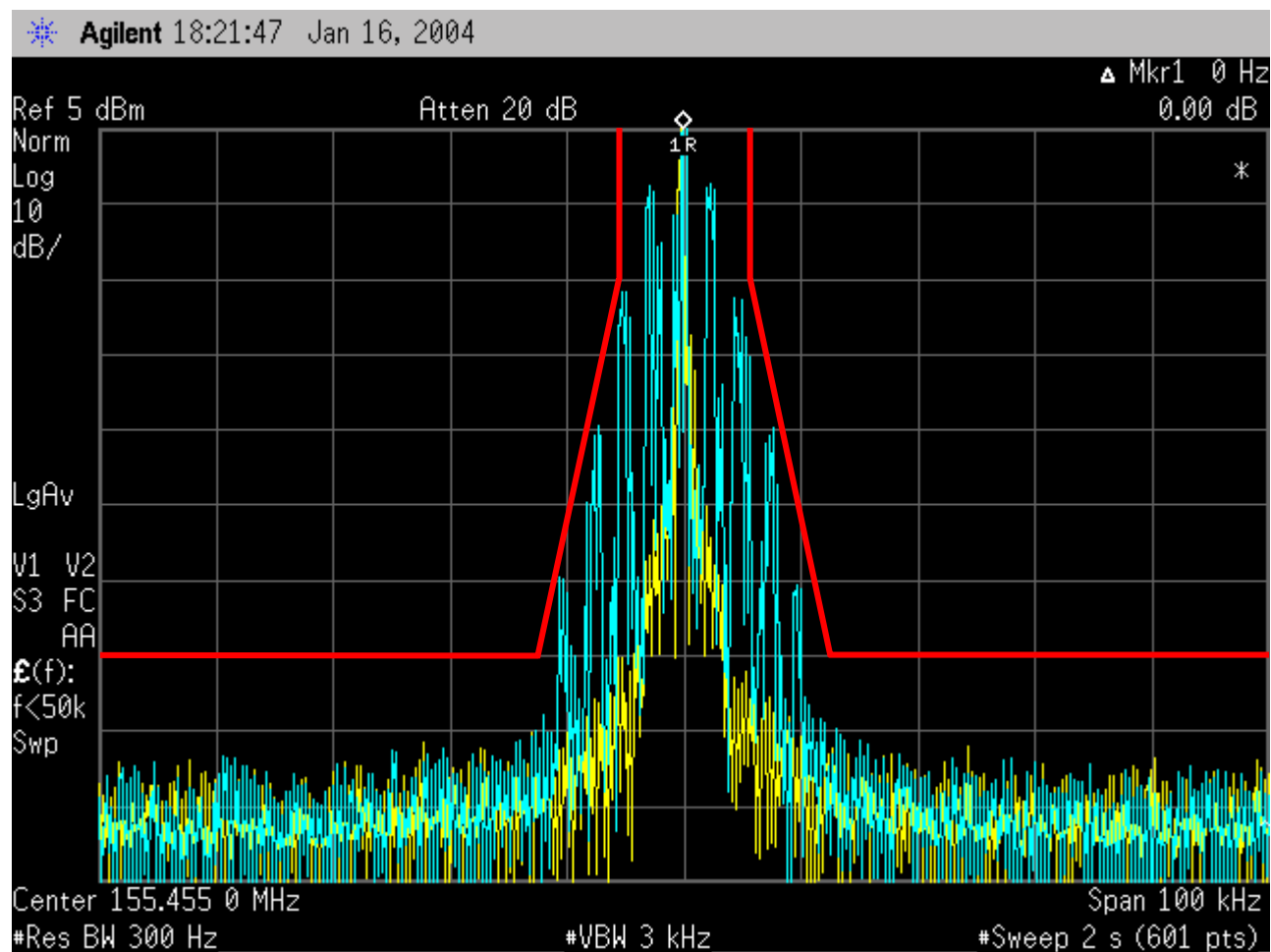


Figure 6E-2: 12.5 kHz Channel Spacing, 155.455 MHz, 2500 Hz Audio and PL Tone Modulation, Mask D

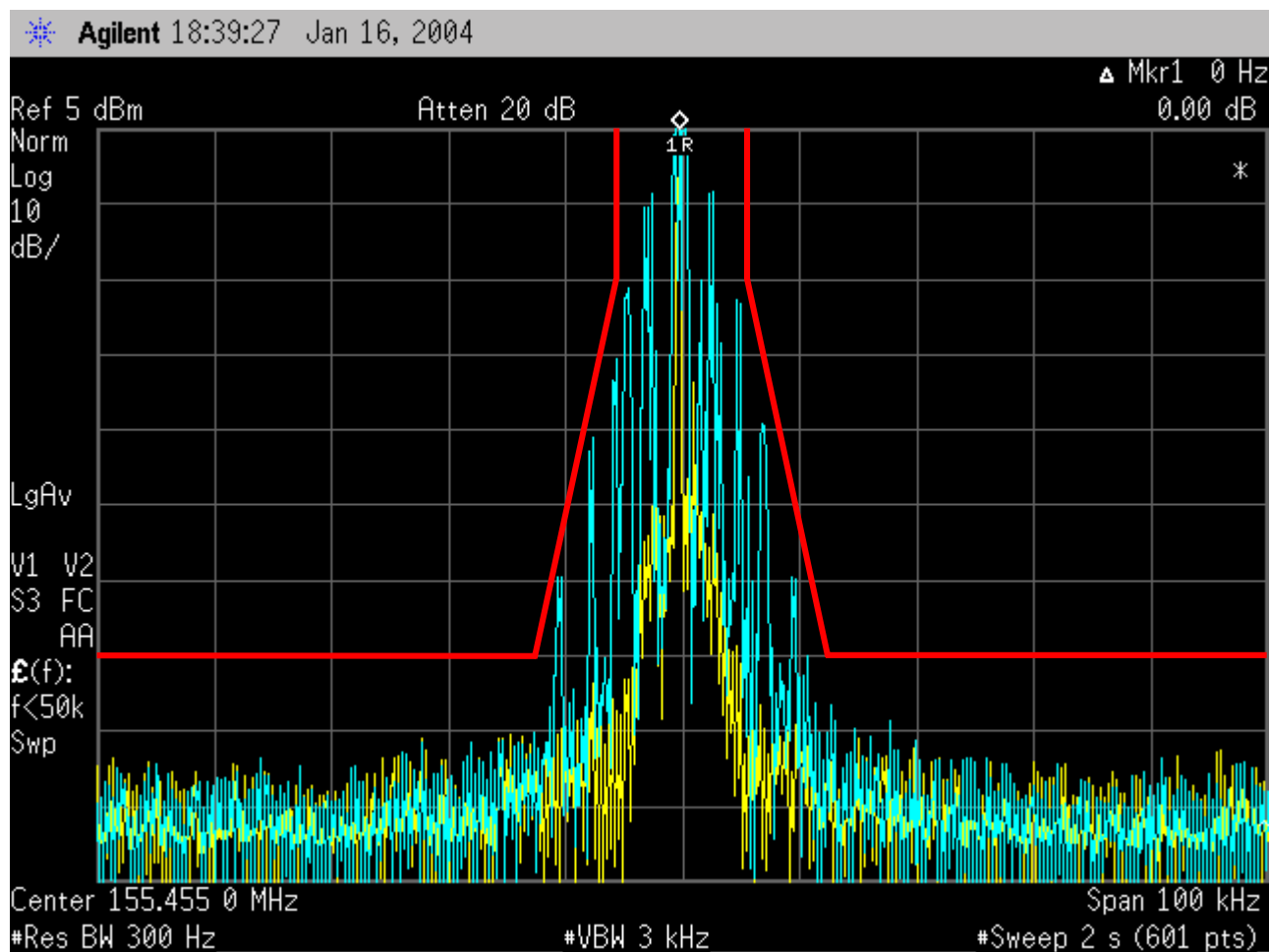


Figure 6E-3: 12.5 kHz Channel Spacing, 155.455 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask D

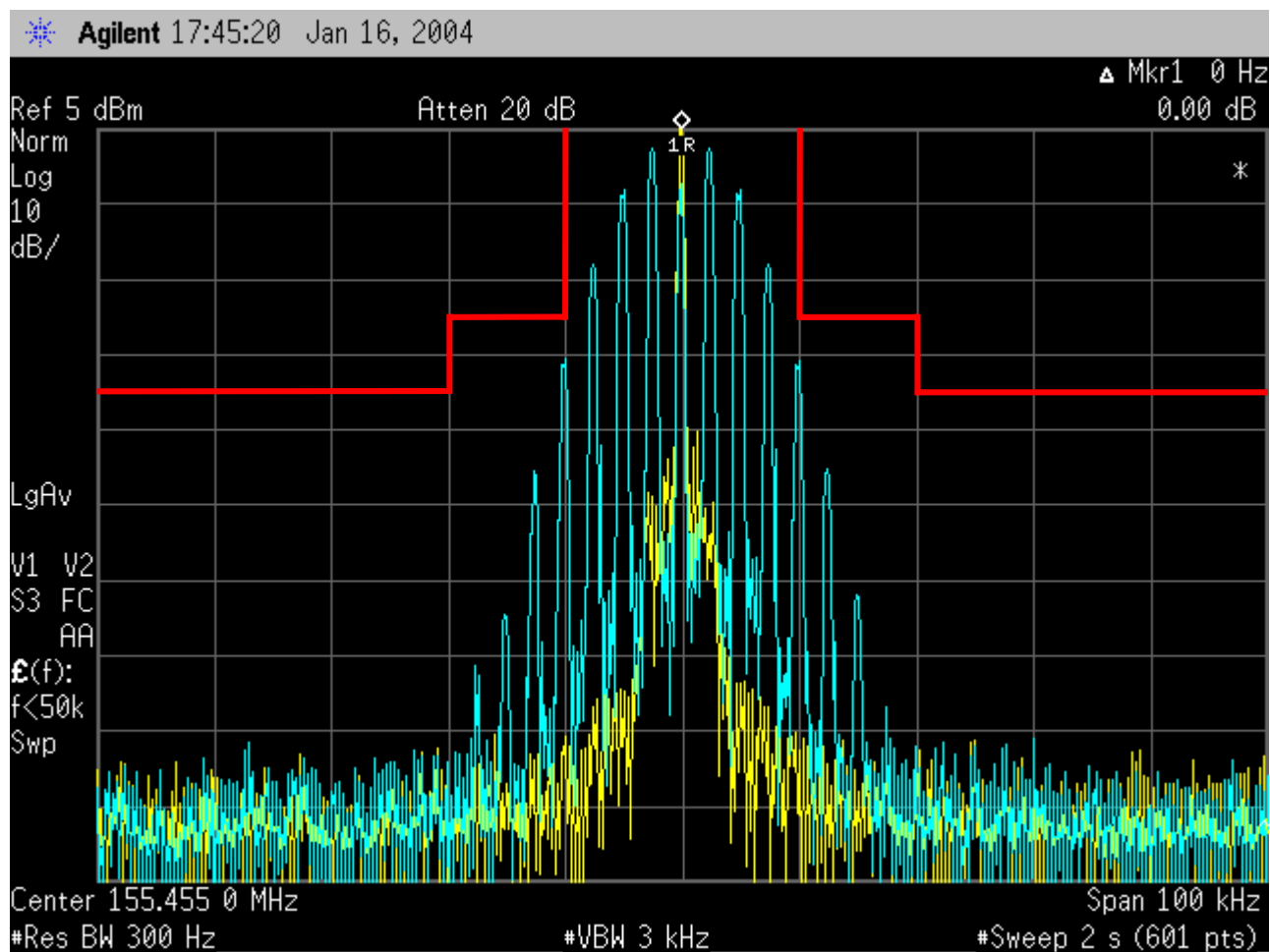


Figure 6E-4: 25 kHz Channel Spacing, 155.455 MHz, 2500 Hz Audio Modulation Only, Mask B

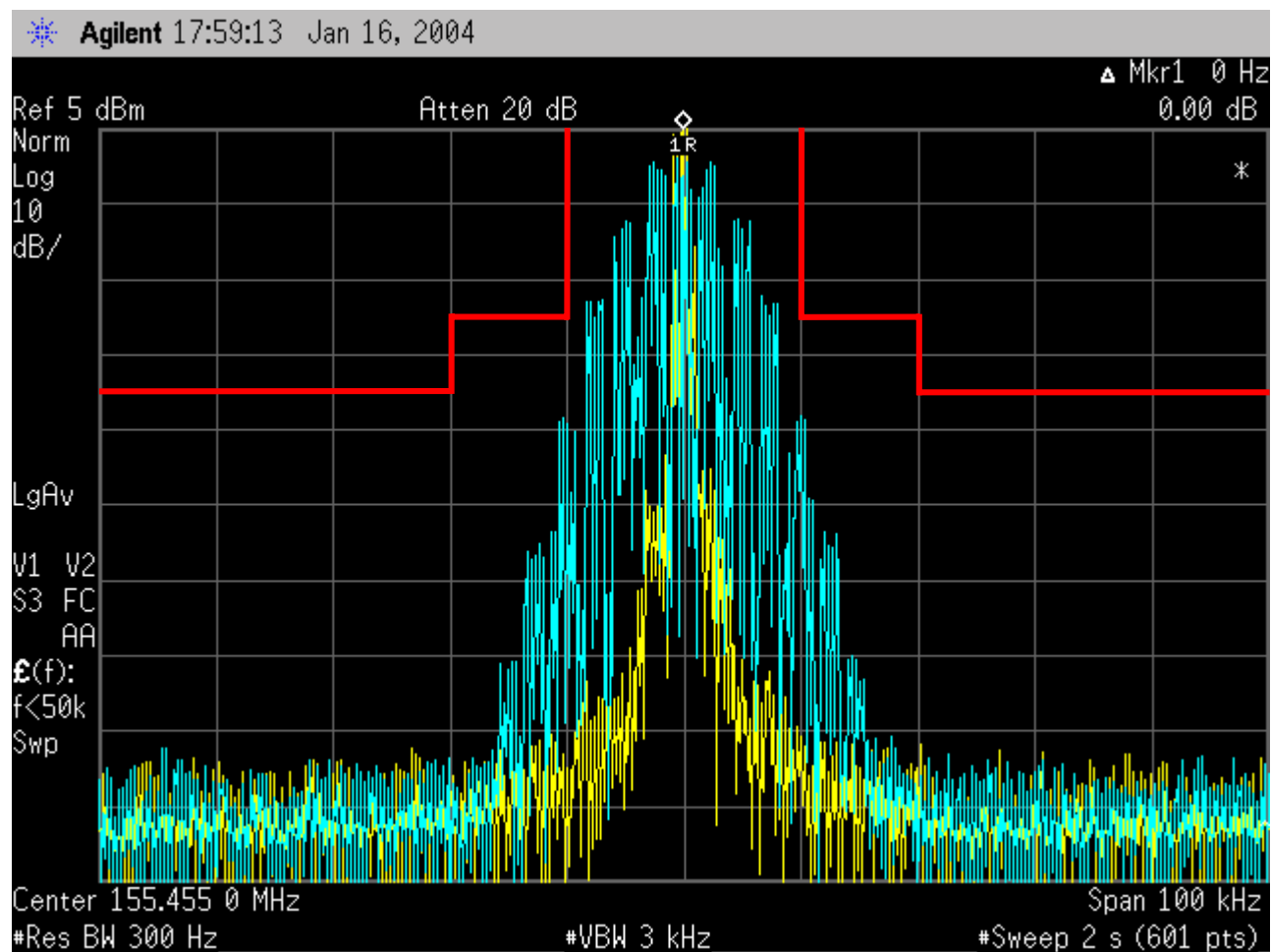


Figure 6E-5: 25 kHz Channel Spacing, 155.455 MHz, 2500 Hz Audio and PL Tone Modulation, Mask B

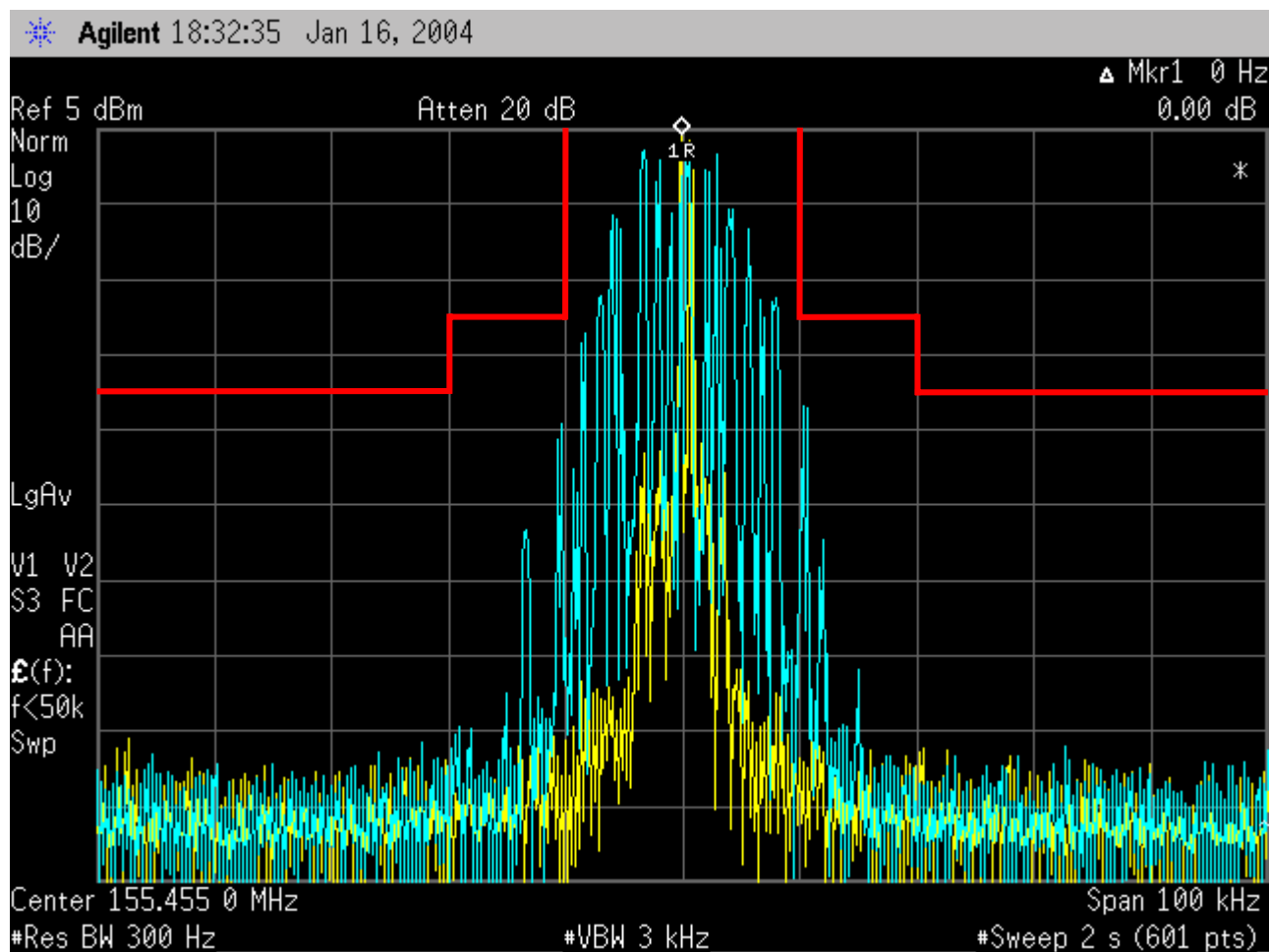


Figure 6E-6:25 kHz Channel Spacing, 155.455 MHz, 2500 Hz Audio and DPL Tone Modulation, Mask B

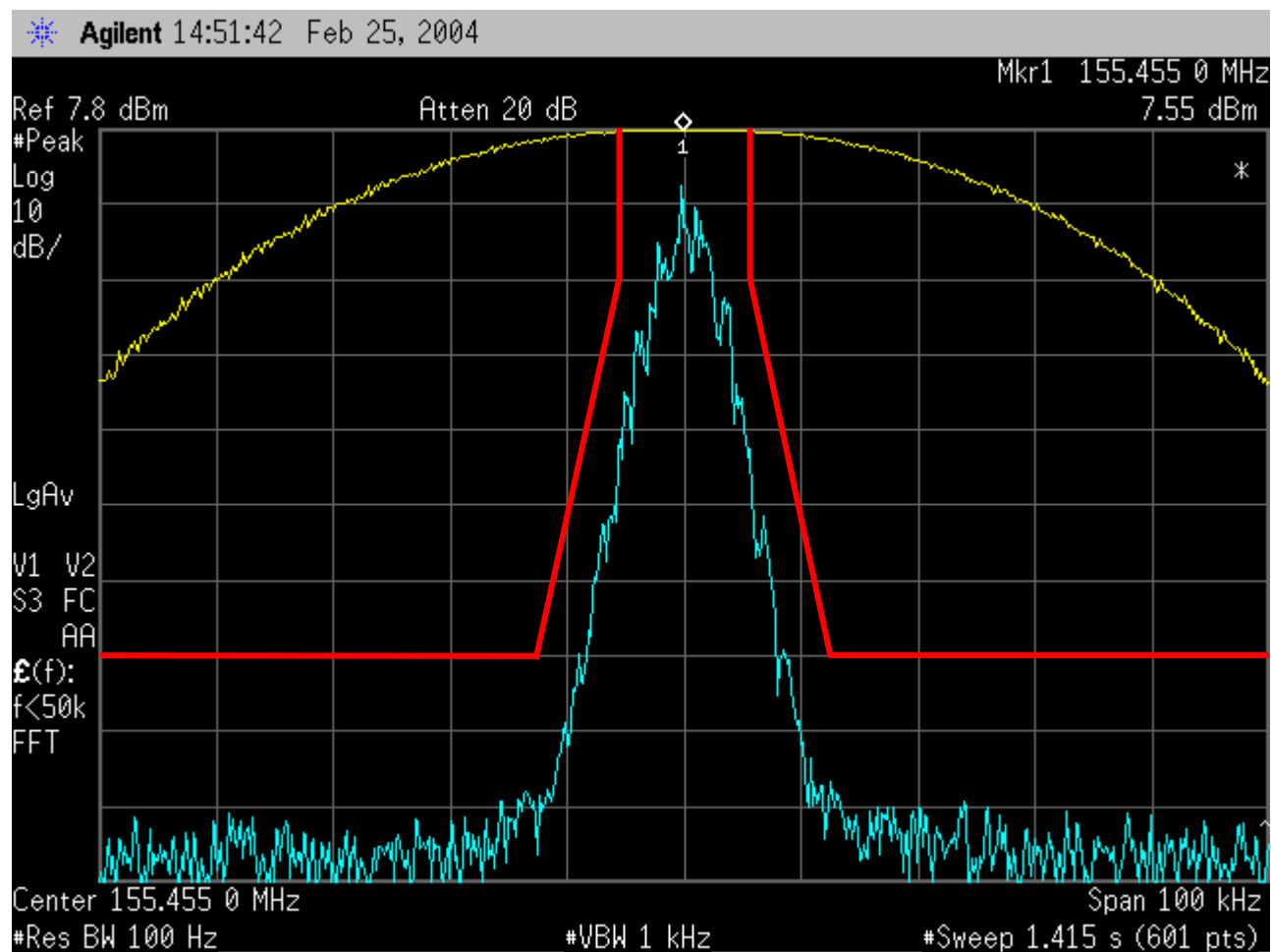


Figure 6E-7: 12.5 kHz Channel Spacing, 155.455 MHz, APCO25 Digital Data (8K10F1D), Mask D

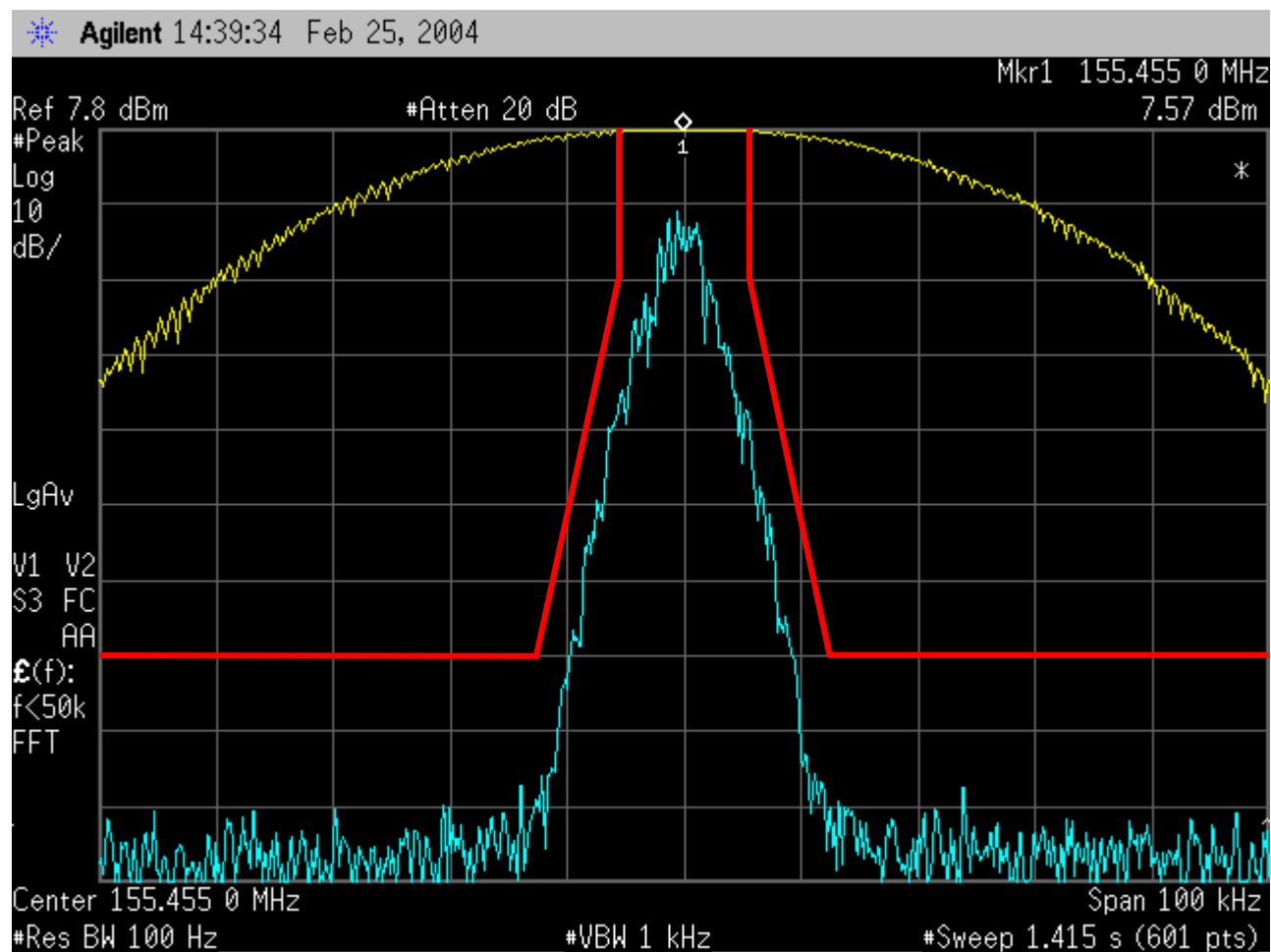


Figure 6E-8: 12.5 kHz Channel Spacing, 155.455 MHz, APCO25 Digital Voice (8K10F1E), Mask D

Transmitter Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)
Note: Red lines on graphs correspond to the FCC limit of -13dBm.

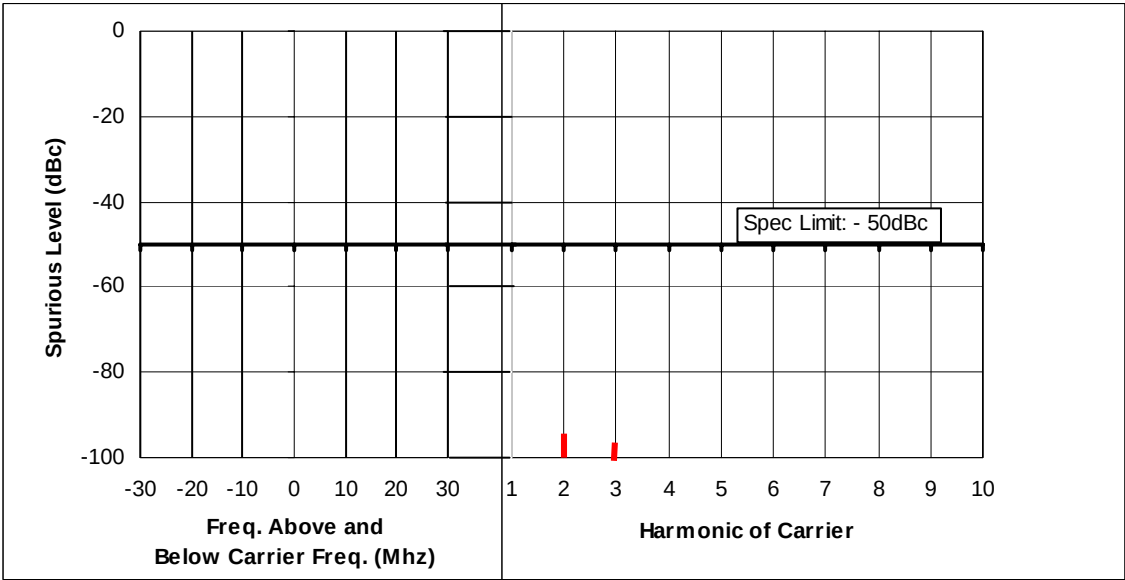


Table 6F-1: 1 Watt Harmonic of Carrier 136.155 MHz, 12.5 kHz Channel Spacing

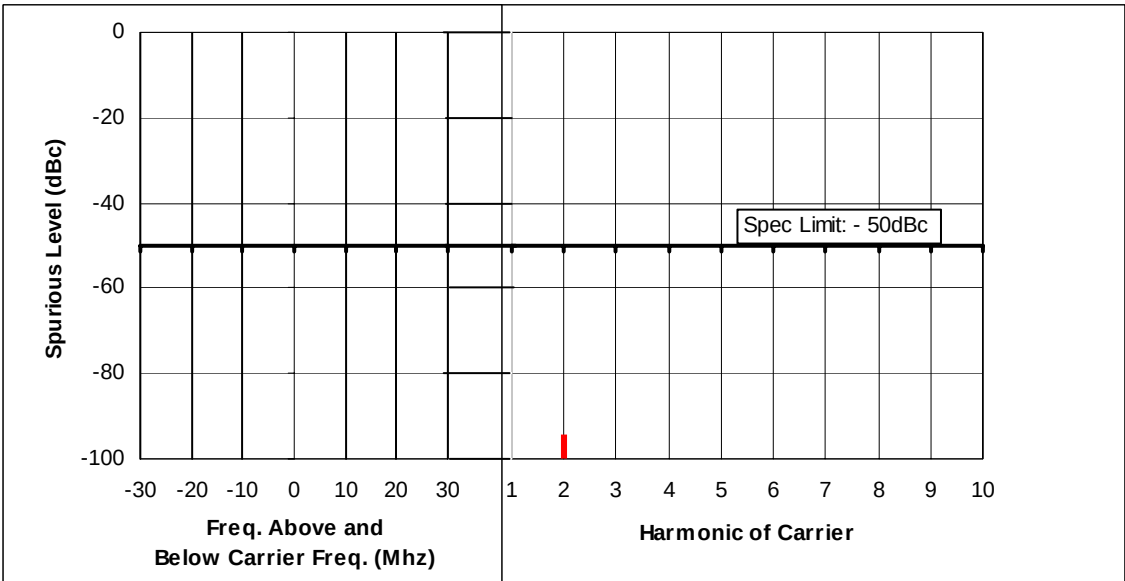


Table 6F-2: 1 Watt Harmonic of Carrier 155.455 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

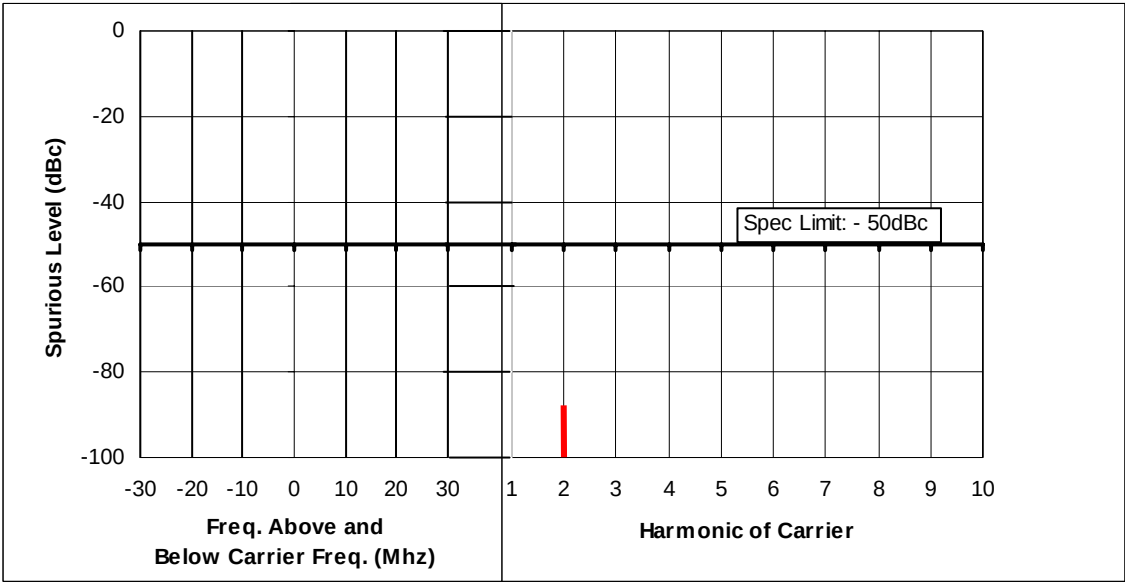


Table 6F-3: 1 Watt Harmonic of Carrier 173.955 MHz, 12.5 kHz Channel Spacing

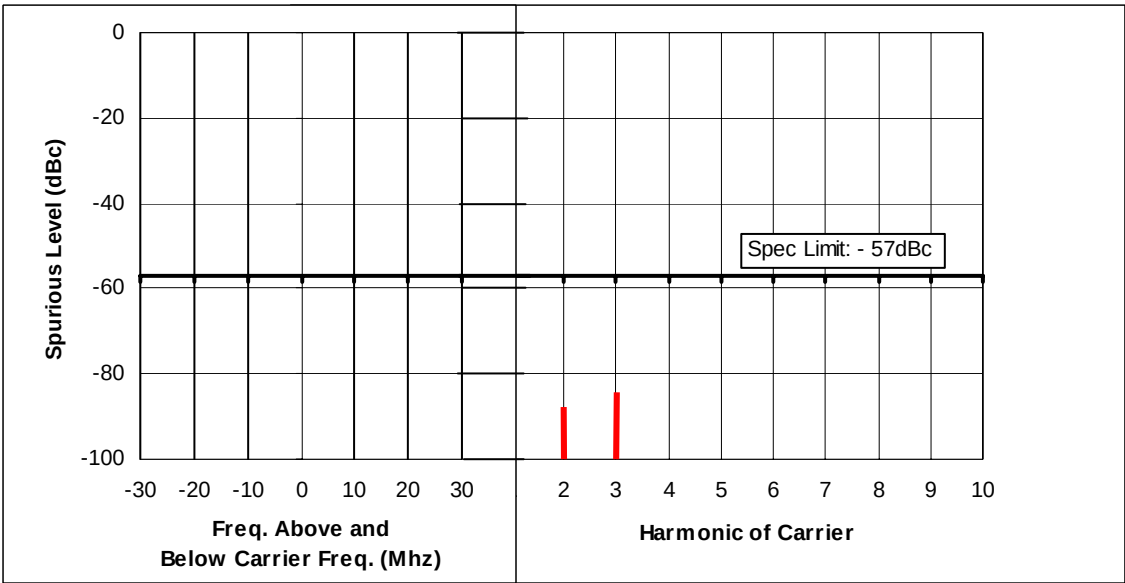


Table 6F-4: 5 Watt Harmonic of Carrier 136.155 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

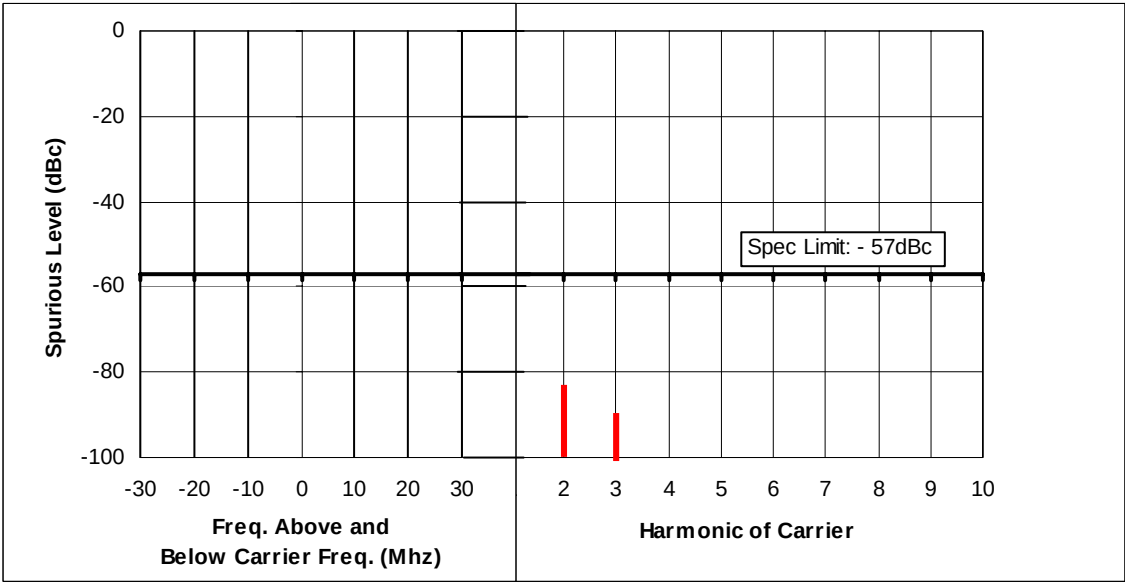


Table 6F-5: 5 Watt Harmonic of Carrier 155.455 MHz, 12.5 kHz Channel Spacing

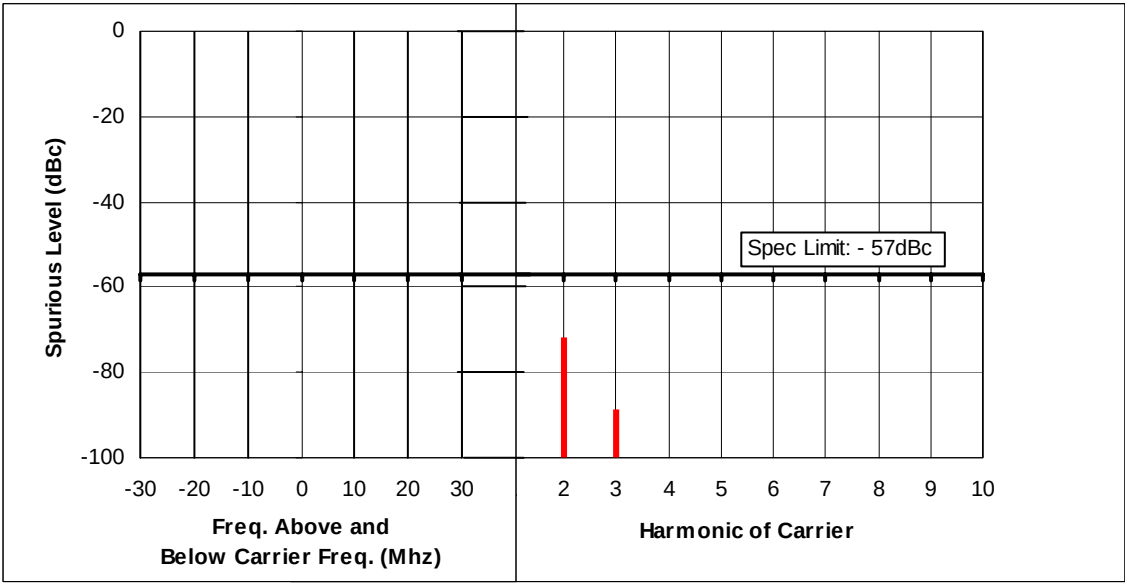
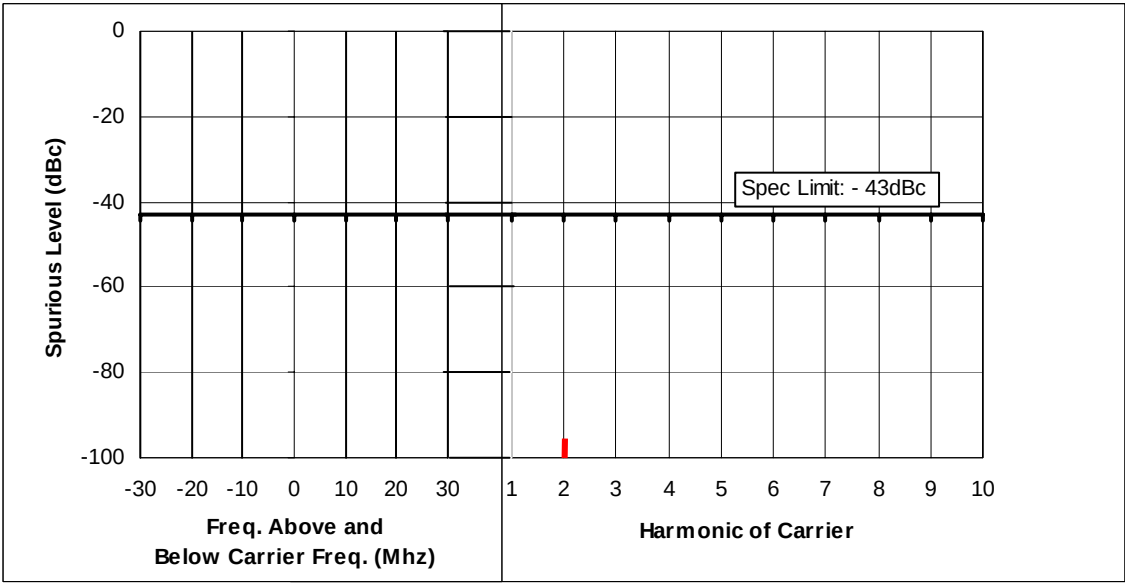
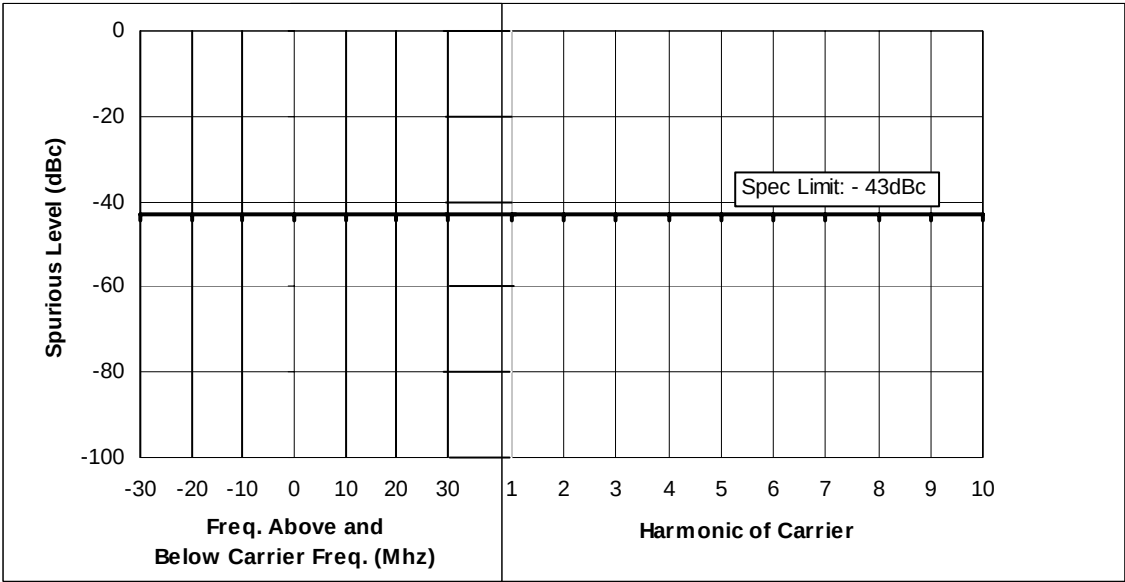


Table 6F-6: 5 Watt Harmonic of Carrier 173.955 MHz, 12.5 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.



Note: Spurs which are not shown is 50dB below the specification limits.

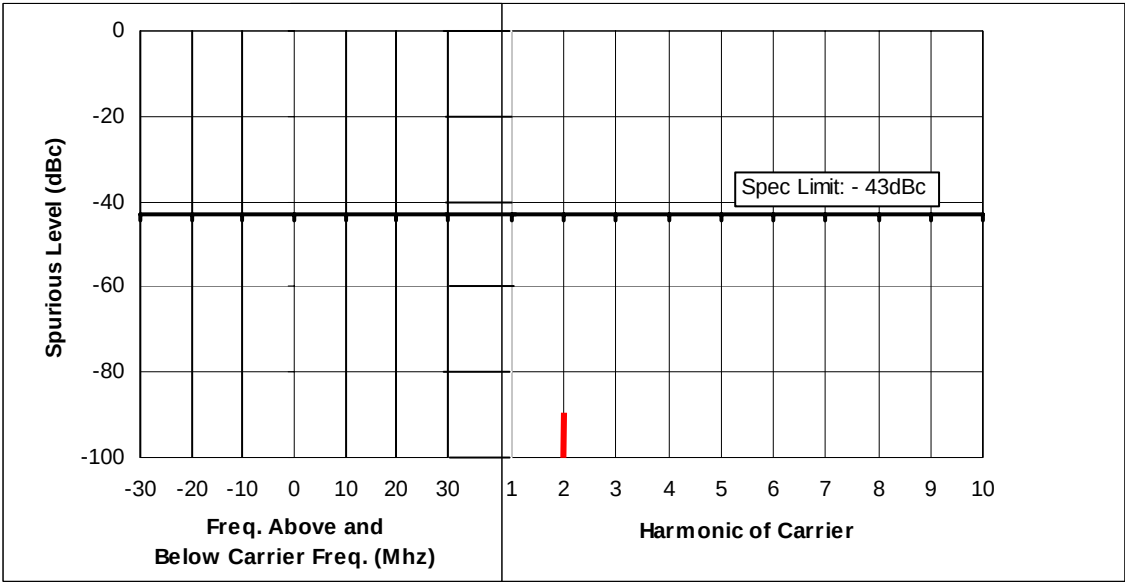


Table 6F-9: 1 Watt Harmonic of Carrier 173.955 MHz, 25 kHz Channel Spacing

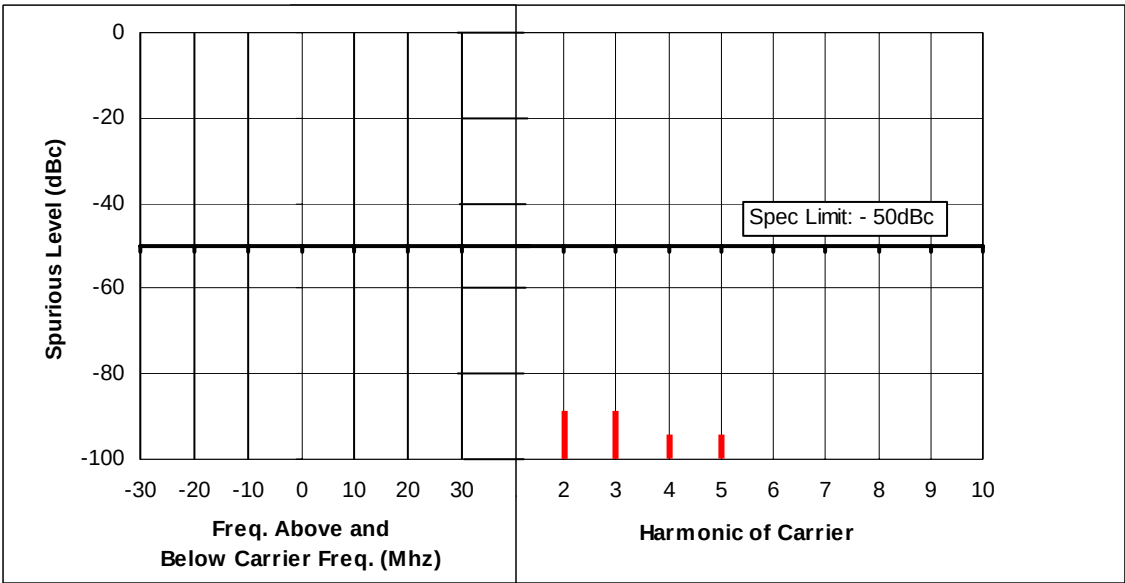


Table 6F-10: 5 Watt Harmonic of Carrier 136.155 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

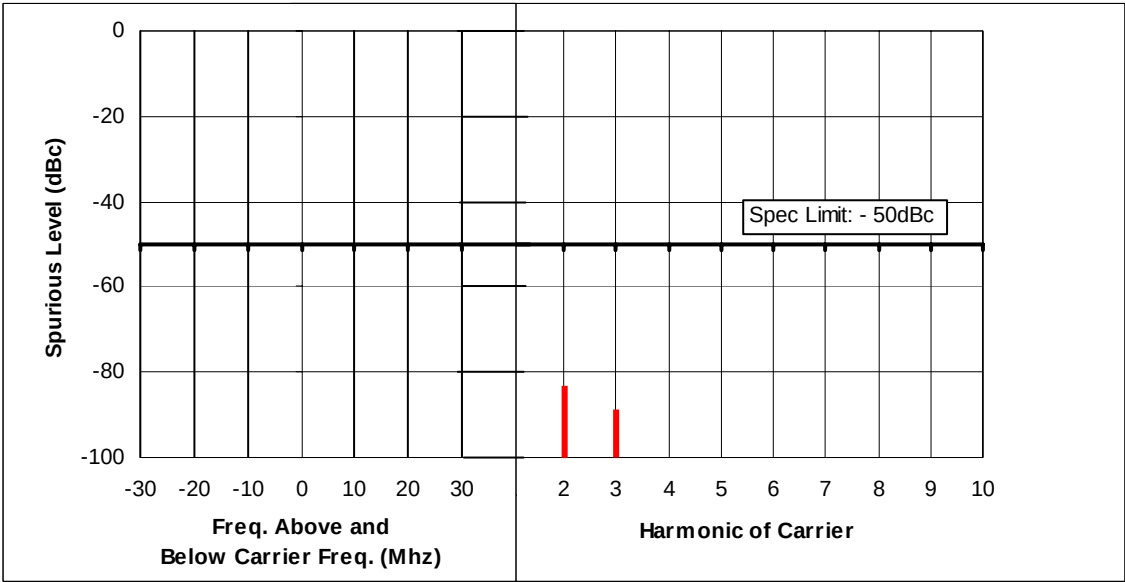


Table 6F-11: 5 Watt Harmonic of Carrier 155.455 MHz, 25 kHz Channel Spacing

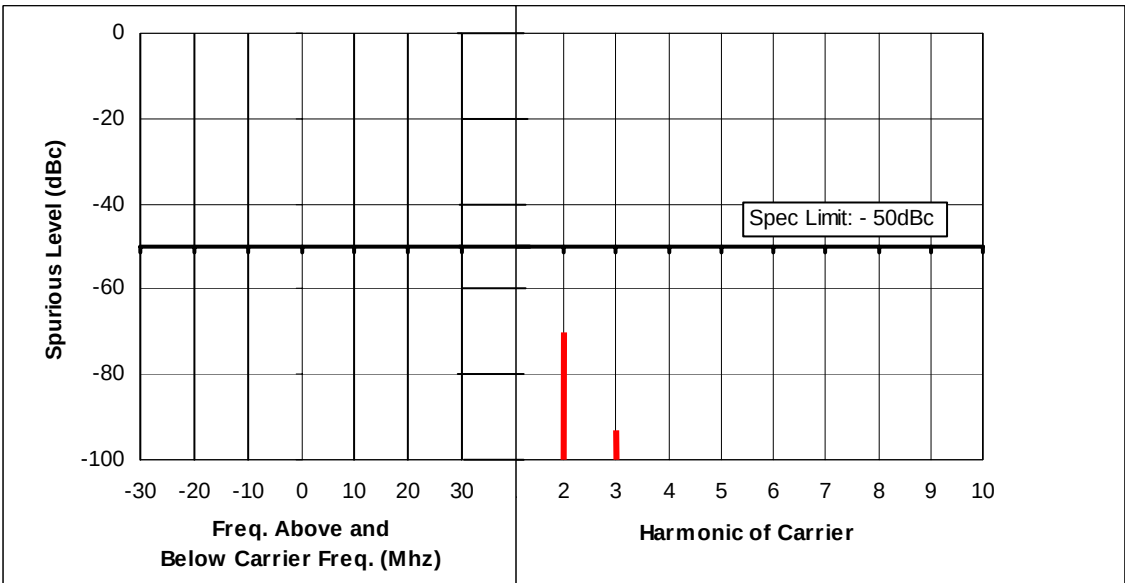
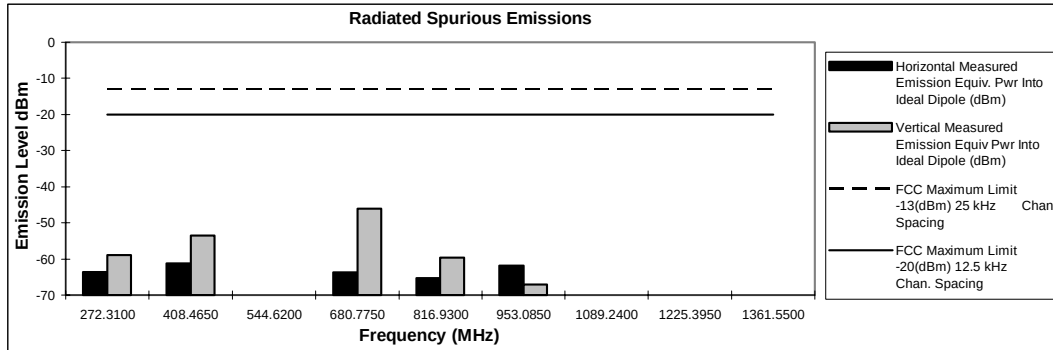


Table 6F-12: 5 Watt Harmonic of Carrier 173.955 MHz, 25 kHz Channel Spacing

Note: Spurs which are not shown is 50dB below the specification limits.

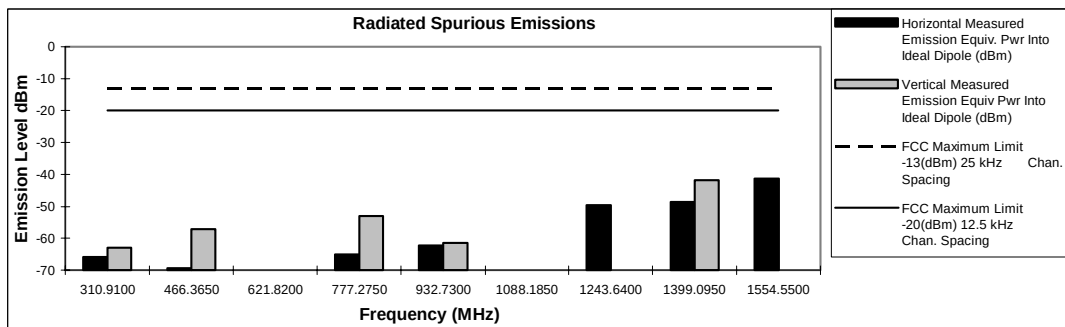
Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

136.155 MHz		5 Watts		Channel Spacing 12.5KHZ S/N TOIZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
272.3100	-13	-20	-63.56	-58.93	
408.4650	-13	-20	-61.17	-53.50	
544.6200	-13	-20	*	*	
680.7750	-13	-20	-63.73	-46.07	
816.9300	-13	-20	-65.37	-59.57	
953.0850	-13	-20	-61.76	-67.10	
1089.2400	-13	-20	*	*	
1225.3950	-13	-20	*	*	
1361.5500	-13	-20	*	*	



Graph 6G – 1: 5 Watts, 136.155 MHz, 12.5 kHz Channel Spacing

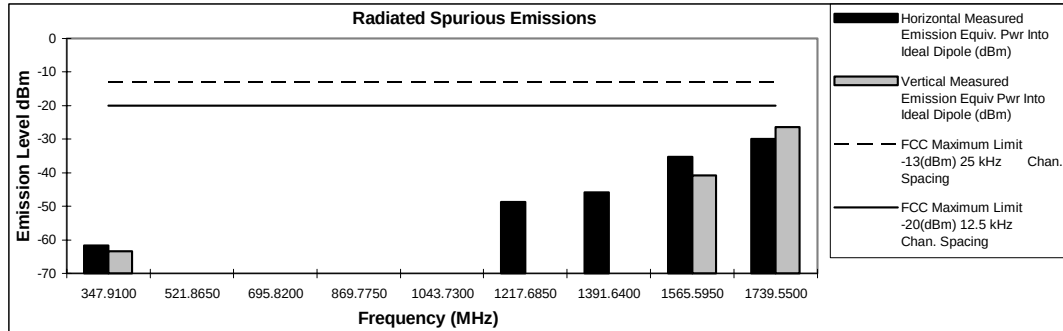
155.455 MHz		5 Watts		Channel Spacing 12.5KHZ S/N TOIZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
310.9100	-13	-20	-65.81	-62.90	
466.3650	-13	-20	-69.32	-57.13	
621.8200	-13	-20	*	*	
777.2750	-13	-20	-65.04	-52.98	
932.7300	-13	-20	-62.24	-61.37	
1088.1850	-13	-20	*	*	
1243.6400	-13	-20	-49.63	*	
1399.0950	-13	-20	-48.66	-41.76	
1554.5500	-13	-20	-41.35	*	



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

Graph 6G – 2: 5 Watts, 155.455 MHz, 12.5 kHz Channel Spacing

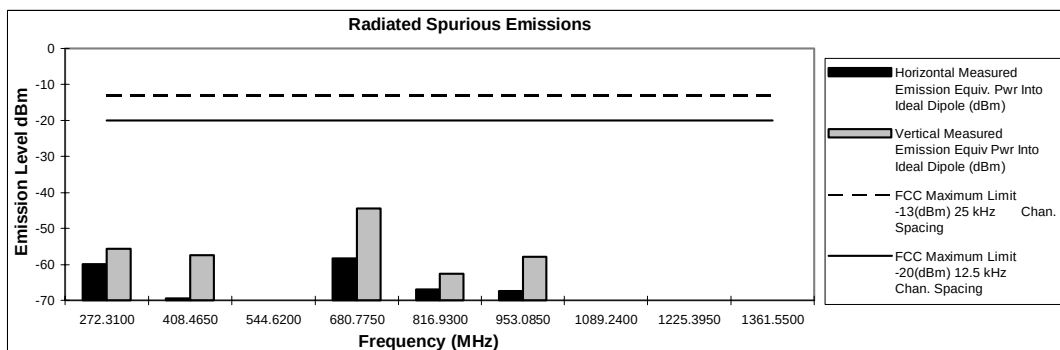
173.955 MHz		5 Watts		Channel Spacing 12.5KHZ S/N TOIZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
347.9100	-13	-20	-61.72	-63.40	
521.8650	-13	-20	*	*	
695.8200	-13	-20	*	*	
869.7750	-13	-20	*	*	
1043.7300	-13	-20	*	*	
1217.6850	-13	-20	-48.72	*	
1391.6400	-13	-20	-45.87	*	
1565.5950	-13	-20	-35.21	-40.87	
1739.5500	-13	-20	-29.92	-26.51	



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

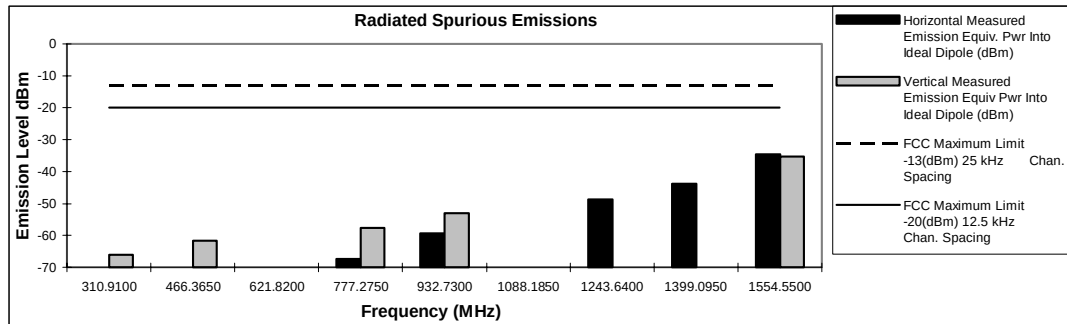
Graph 6G – 3: 5 Watts, 173.955 MHz, 12.5 kHz Channel Spacing

136.155 MHz		5 Watts		Channel Spacing 25KHZ S/N TOIZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
272.3100	-13	-20	-59.99	-55.64	
408.4650	-13	-20	-69.42	-57.45	
544.6200	-13	-20	*	*	
680.7750	-13	-20	-58.27	-44.39	
816.9300	-13	-20	-66.99	-62.53	
953.0850	-13	-20	-67.39	-57.85	
1089.2400	-13	-20	*	*	
1225.3950	-13	-20	*	*	
1361.5500	-13	-20	*	*	



Graph 6G – 4: 5 Watts, 136.155 MHz, 25 kHz Channel Spacing

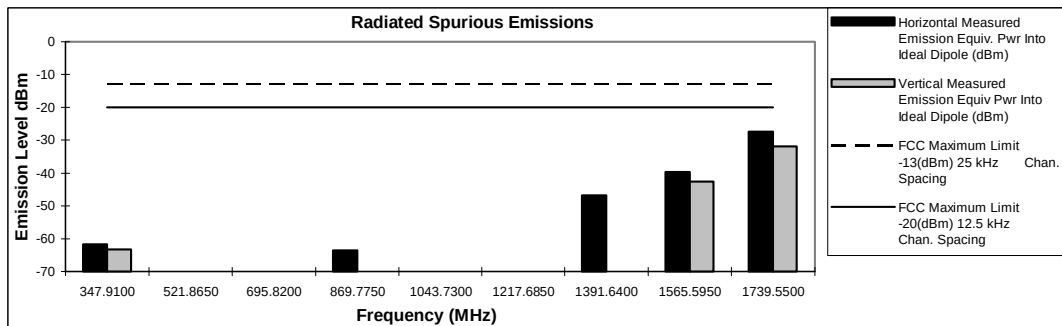
155.455 MHz		5 Watts		Channel Spacing 25KHZ S/N TOIZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
310.9100	-13	-20	-70.30	-66.08	
466.3650	-13	-20	-70.94	-61.63	
621.8200	-13	-20	*	*	
777.2750	-13	-20	-67.43	-57.72	
932.7300	-13	-20	-59.23	-53.03	
1088.1850	-13	-20	*	*	
1243.6400	-13	-20	-48.69	*	
1399.0950	-13	-20	-43.77	*	
1554.5500	-13	-20	-34.63	-35.20	



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

Graph 6G – 5: 5 Watts, 155.455 MHz, 25 kHz Channel Spacing

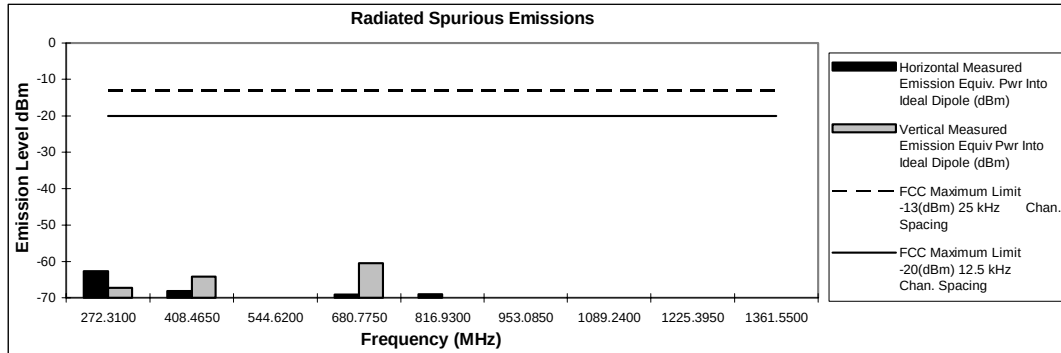
173.955 MHz		5 Watts		Channel Spacing 25KHZ S/N TOIZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
347.9100	-13	-20	-61.65	-63.26	
521.8650	-13	-20	*	*	
695.8200	-13	-20	*	*	
869.7750	-13	-20	-63.61	*	
1043.7300	-13	-20	*	*	
1217.6850	-13	-20	*	*	
1391.6400	-13	-20	-46.78	*	
1565.5950	-13	-20	-39.80	-42.56	
1739.5500	-13	-20	-27.39	-31.89	



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

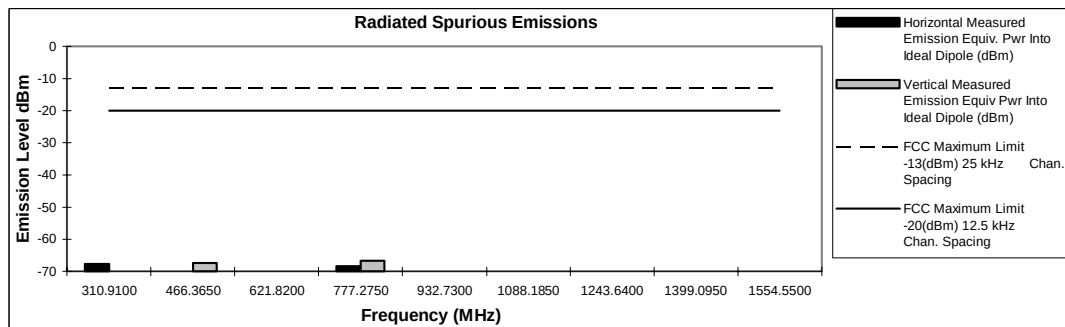
Graph 6G – 6: 5 Watts, 173.955 MHz, 25 kHz Channel Spacing

136.155 MHz		1.3 Watts		Channel Spacing 12.5KHZ S/N T01ZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
272.3100	-13	-20	-62.63	-67.29	
408.4650	-13	-20	-68.11	-64.11	
544.6200	-13	-20	*	*	
680.7750	-13	-20	-69.13	-60.52	
816.9300	-13	-20	-69.01	*	
953.0850	-13	-20	*	*	
1089.2400	-13	-20	*	*	
1225.3950	-13	-20	*	*	
1361.5500	-13	-20	*	*	



Graph 6G – 7: 1 Watt, 136.155 MHz, 12.5 kHz Channel Spacing

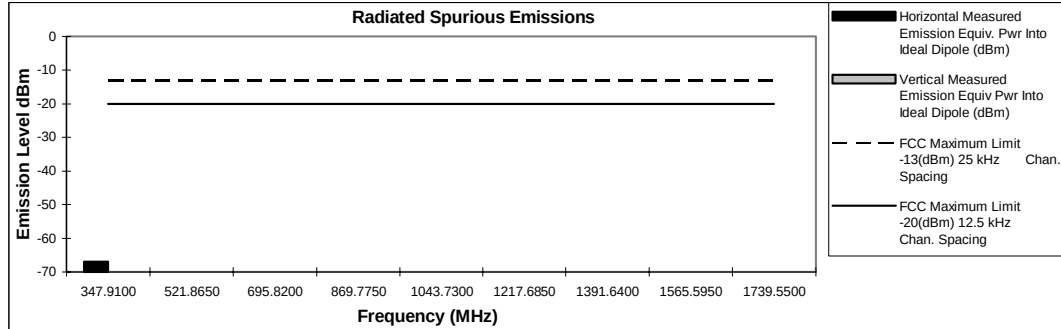
155.455 MHz		1.3 Watts		Channel Spacing 12.5KHZ S/N T01ZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
310.9100	-13	-20	-67.77	-71.13	
466.3650	-13	-20	-72.44	-67.39	
621.8200	-13	-20	*	*	
777.2750	-13	-20	-68.30	-66.78	
932.7300	-13	-20	*	*	
1088.1850	-13	-20	*	*	
1243.6400	-13	-20	*	*	
1399.0950	-13	-20	*	*	
1554.5500	-13	-20	*	*	



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

Graph 6G – 8: 1 Watt, 155.455 MHz, 12.5 kHz Channel Spacing

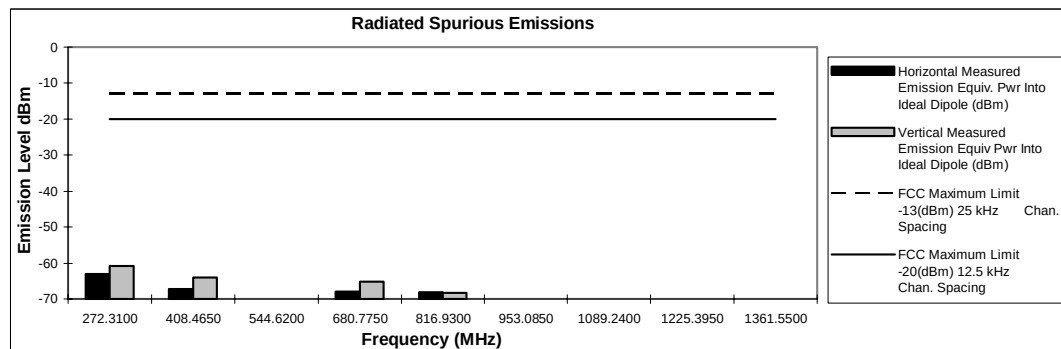
173.955 MHz		1.3 Watts		Channel Spacing 12.5KHZ S/N T01ZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
347.9100	-13	-20	-66.97	-73.33	
521.8650	-13	-20	*	*	
695.8200	-13	-20	*	*	
869.7750	-13	-20	*	*	
1043.7300	-13	-20	*	*	
1217.6850	-13	-20	*	*	
1391.6400	-13	-20	*	*	
1565.5950	-13	-20	*	*	
1739.5500	-13	-20	*	*	



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

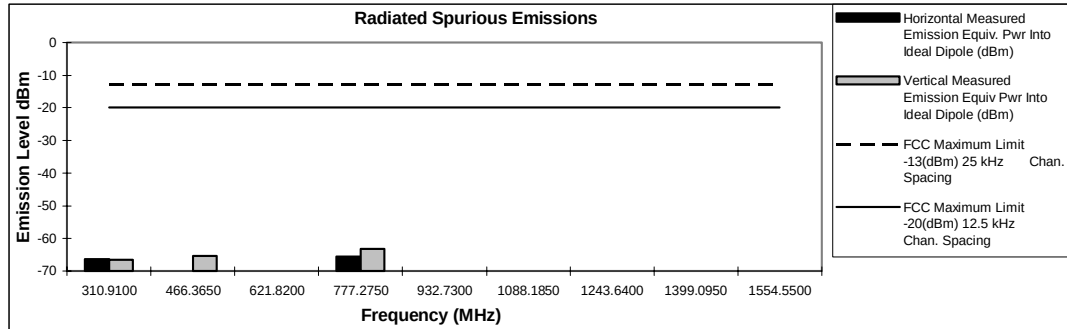
Graph 6G – 9: 1 Watt, 173.955 MHz, 12.5 kHz Channel Spacing

136.155 MHz		1.3 Watts		Channel Spacing 25KHZ S/N T01ZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
272.3100	-13	-20	-62.93	-60.84	
408.4650	-13	-20	-67.19	-64.06	
544.6200	-13	-20	*	*	
680.7750	-13	-20	-67.90	-65.14	
816.9300	-13	-20	-68.09	-68.26	
953.0850	-13	-20	*	*	
1089.2400	-13	-20	*	*	
1225.3950	-13	-20	*	*	
1361.5500	-13	-20	*	*	



Graph 6G – 10: 1 Watt, 136.155 MHz, 25 kHz Channel Spacing

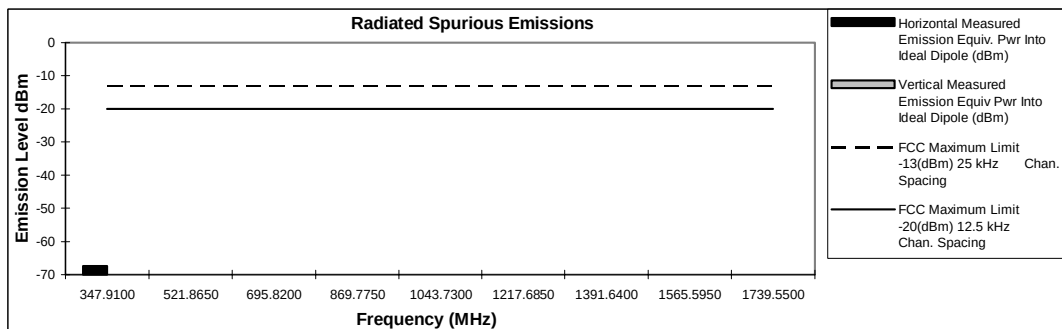
155.455 MHz		1.3 Watts		Channel Spacing 25KHZ S/N T01ZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
310.9100	-13	-20	-66.32	-66.60	
466.3650	-13	-20	-71.38	-65.39	
621.8200	-13	-20	*	*	
777.2750	-13	-20	-65.48	-63.26	
932.7300	-13	-20	*	*	
1088.1850	-13	-20	*	*	
1243.6400	-13	-20	*	*	
1399.0950	-13	-20	*	*	
1554.5500	-13	-20	*	*	



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

Graph 6G – 11: 1 Watt, 155.455 MHz, 25 kHz Channel Spacing

173.955 MHz		1.3 Watts		Channel Spacing 25KHZ S/N T01ZQ03B	
Frequency (MHz)	FCC Maximum Limit -13(dBm) 25 kHz Chan. Spacing	FCC Maximum Limit -20(dBm) 12.5 kHz Chan. Spacing	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	
347.9100	-13	-20	-67.49	-73.57	
521.8650	-13	-20	*	*	
695.8200	-13	-20	*	*	
869.7750	-13	-20	*	*	
1043.7300	-13	-20	*	*	
1217.6850	-13	-20	*	*	
1391.6400	-13	-20	*	*	
1565.5950	-13	-20	*	*	
1739.5500	-13	-20	*	*	



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

Graph 6G – 12: 1 Watt, 173.955 MHz, 25 kHz Channel Spacing

EXHIBIT 6H

Frequency Stability - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

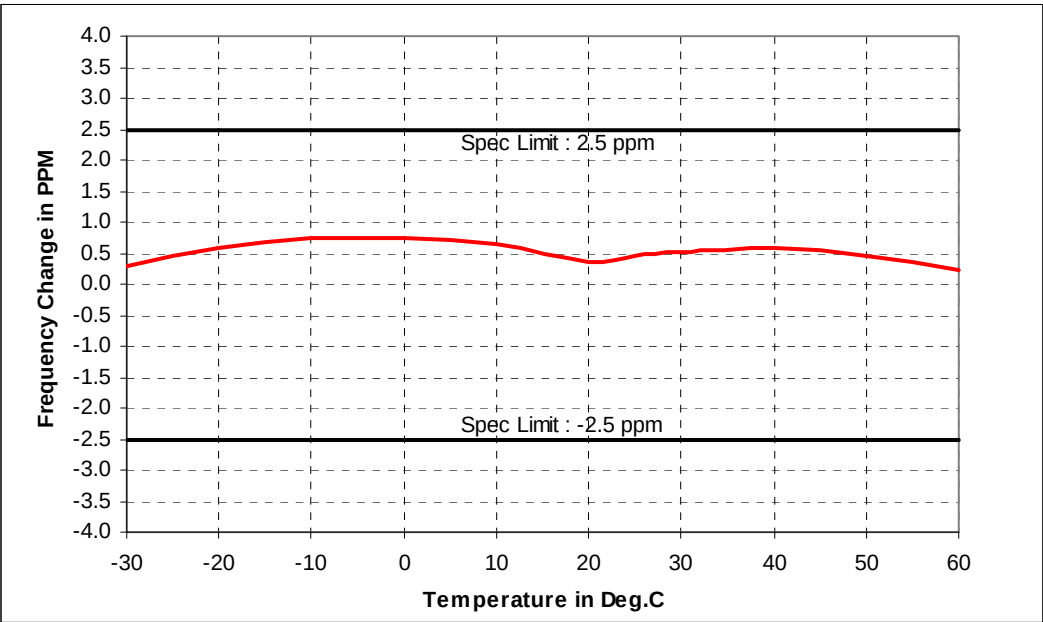


Figure 6H-1: Frequency Stability vs. Temperature

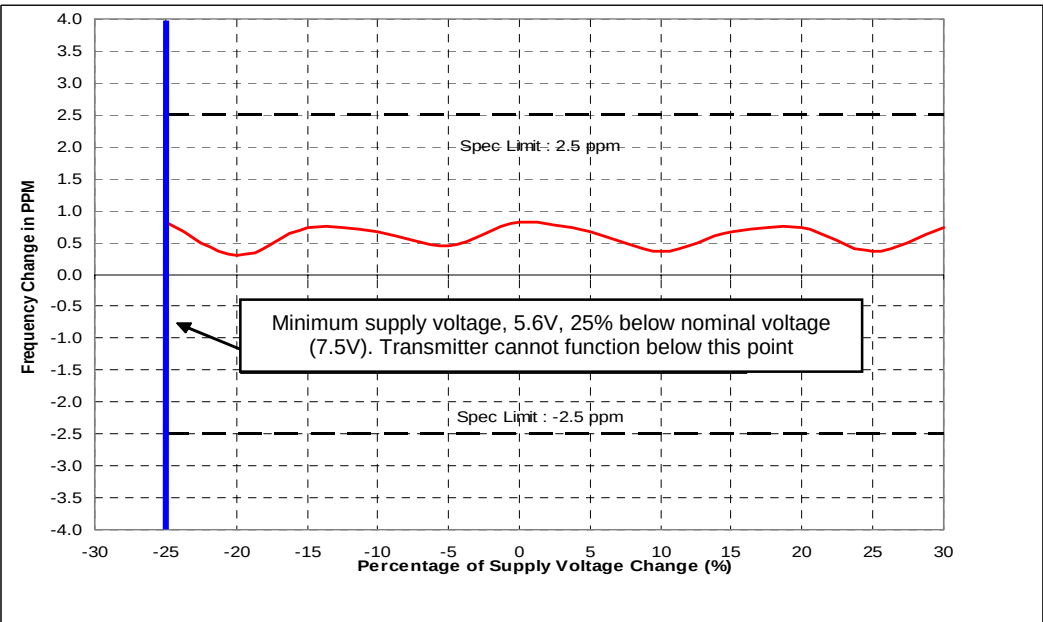


Figure 6H-2: Frequency Stability vs. Voltage

Transient Frequency Behavior (FCC Rules Part 90.214)

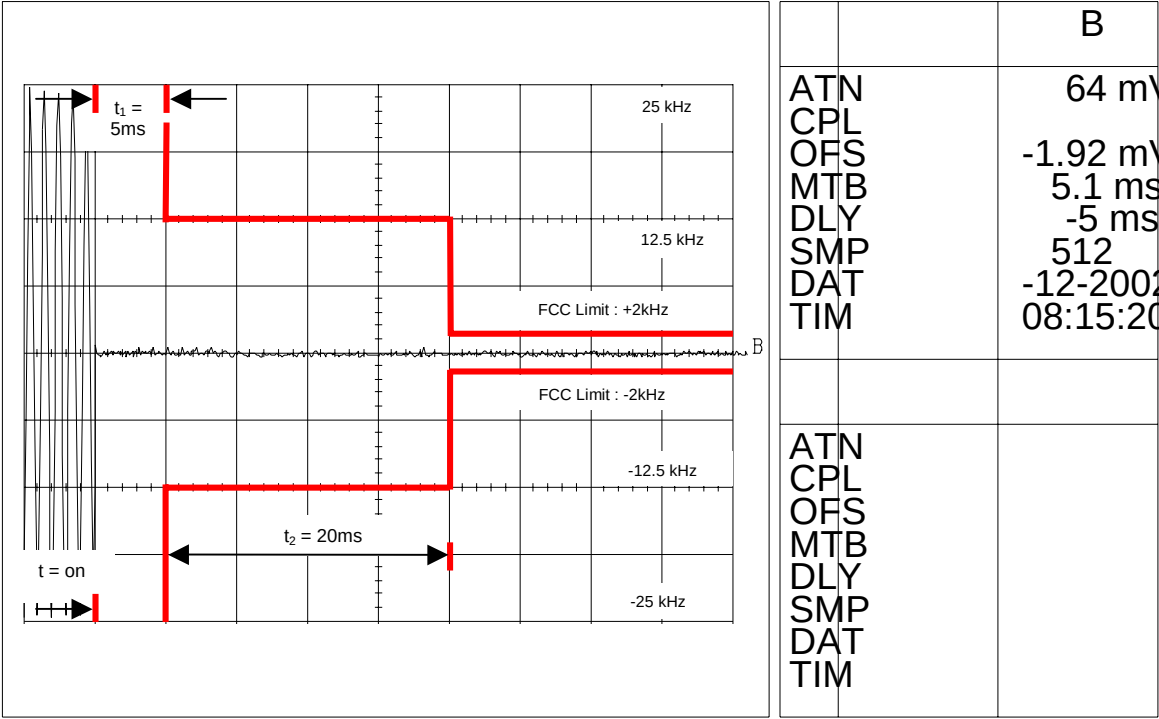


Figure 6I-1: 5 Watts, 12.5 kHz Key-Up Attack Time

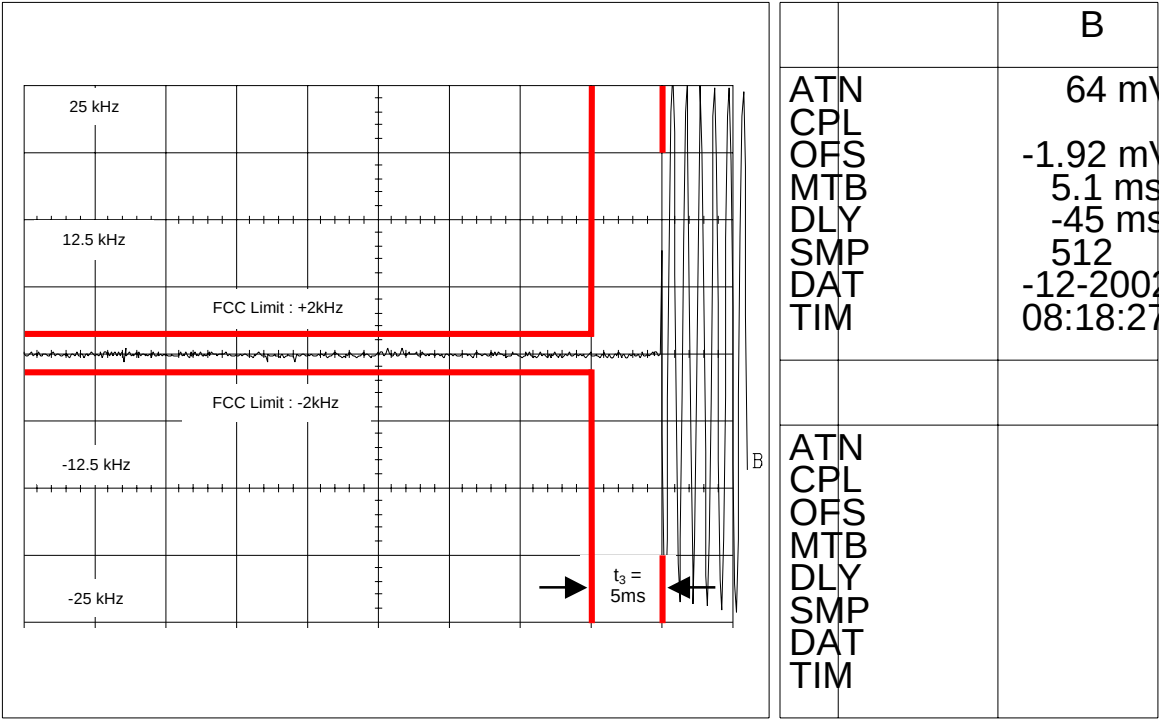


Figure 6I-2: 5 Watts, 12.5 kHz De-Key Decay Time

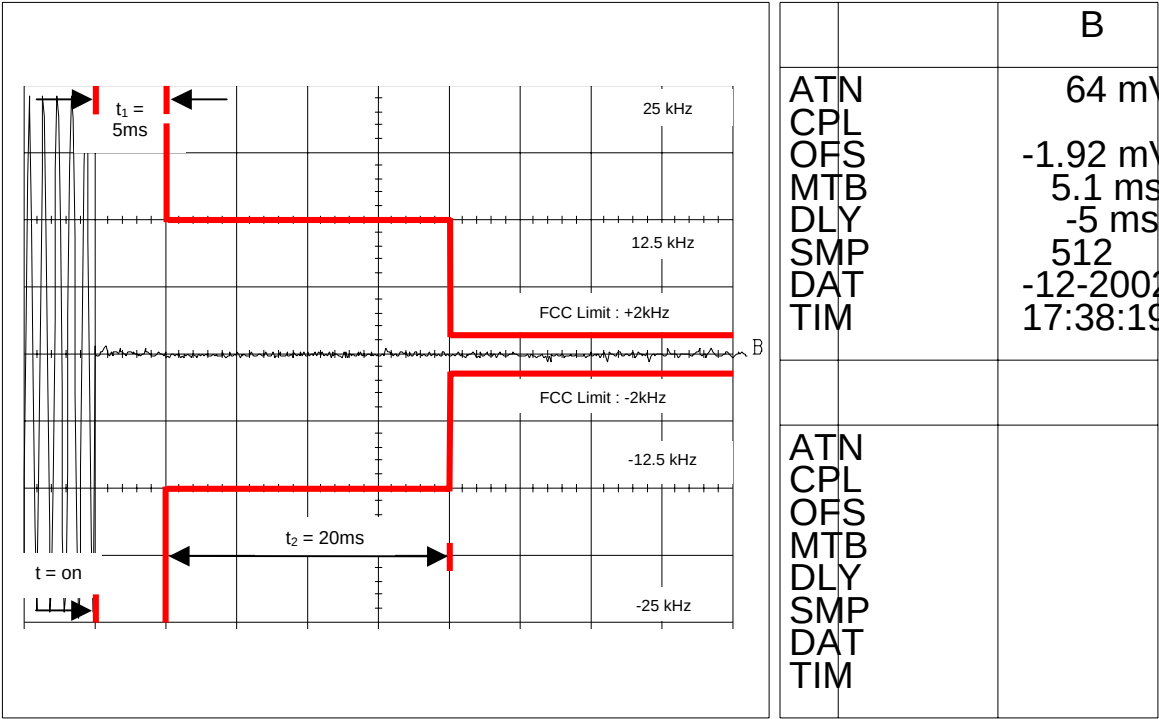


Figure 6I-3: 5 Watts, 25 kHz Key-Up Attack Time

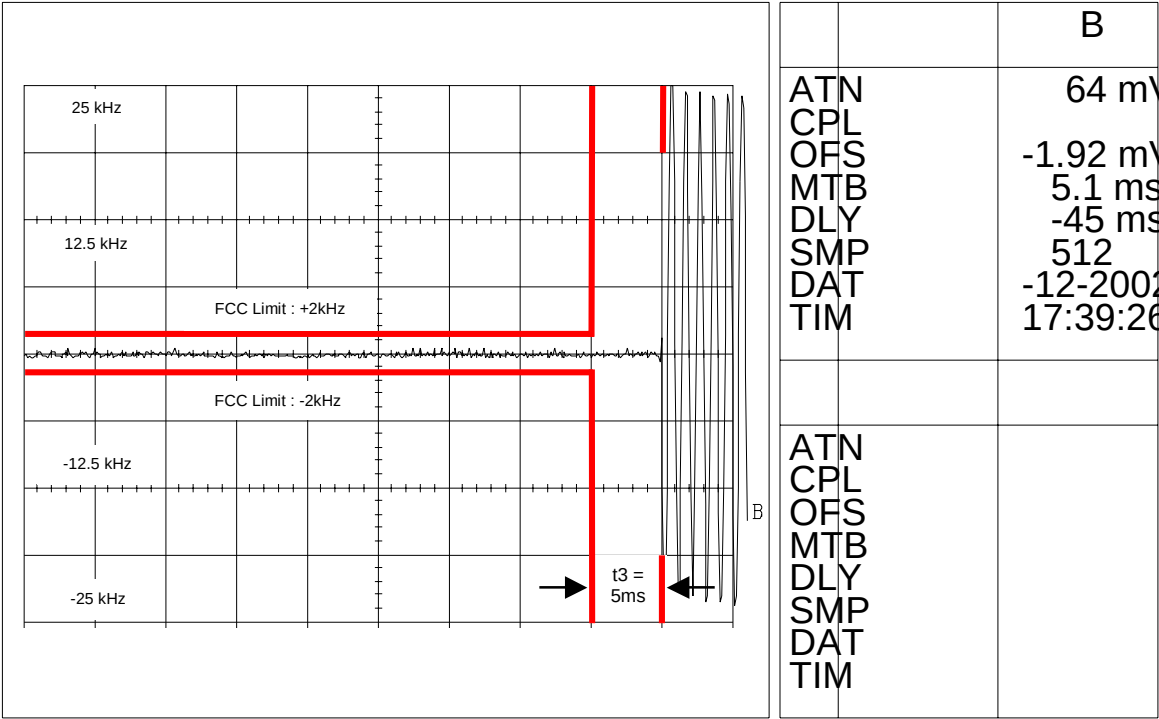


Figure 6I-4: 5 Watts, 25 kHz De-Key Decay Time

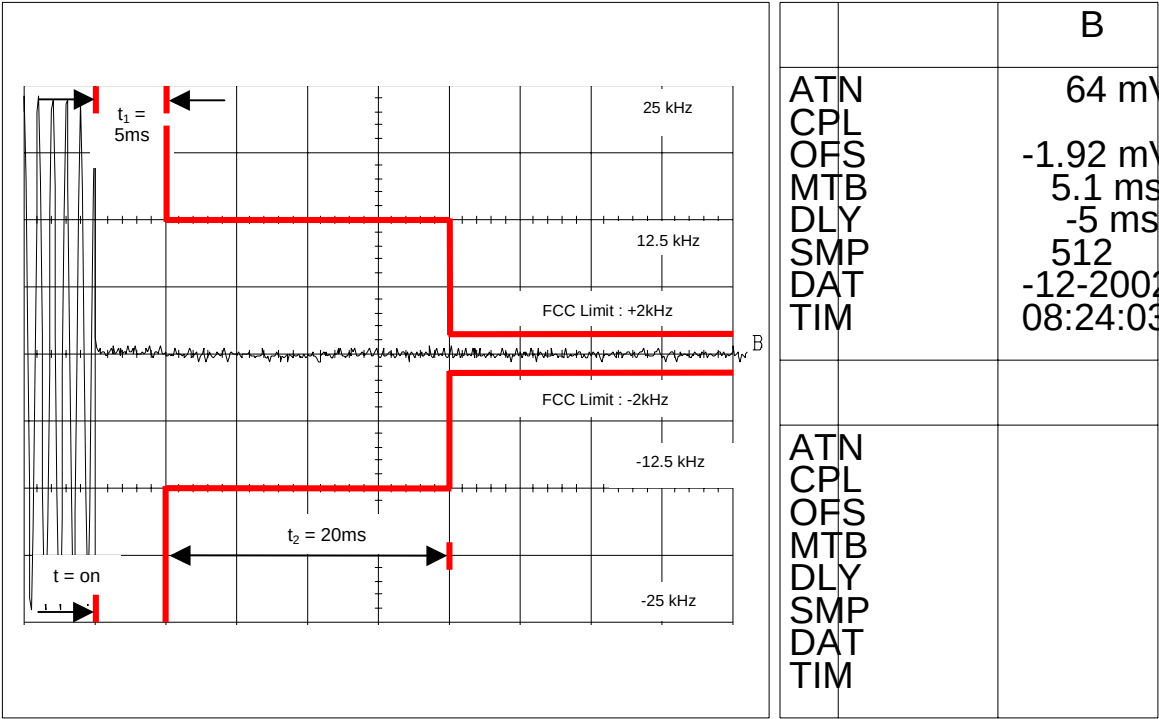


Figure 6I-5: 1 Watt, 12.5 kHz Key-Up Attack Time

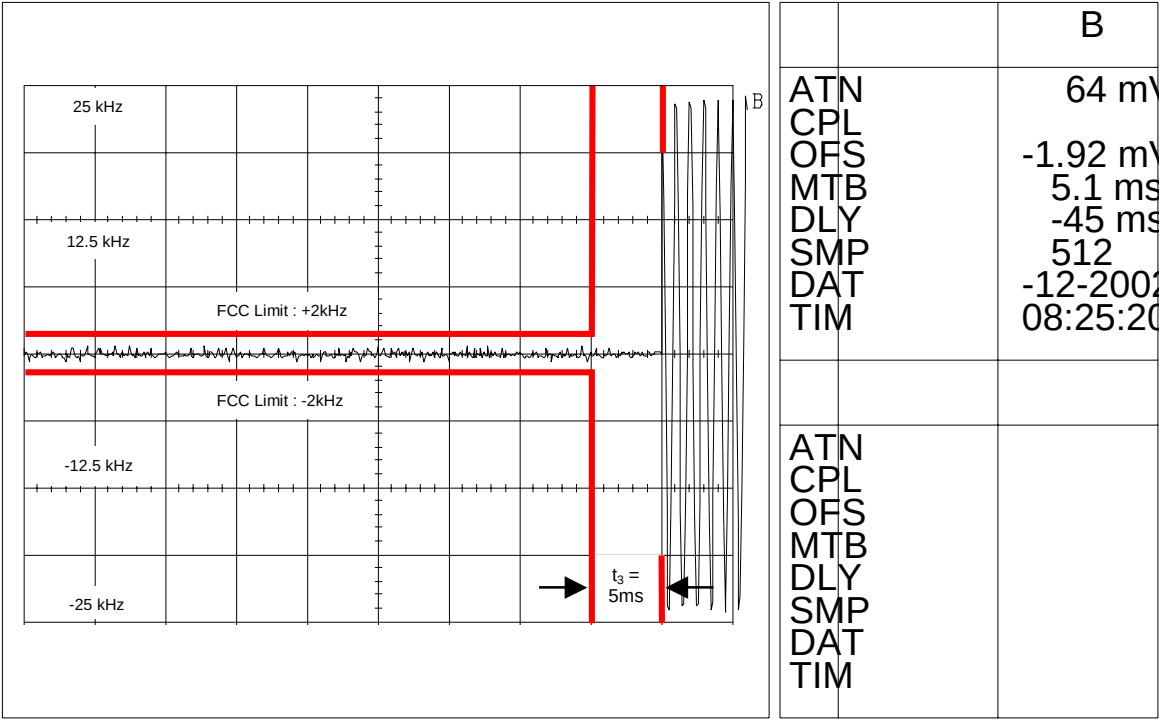


Figure 6I-6: 1 Watt, 12.5 kHz De-Key Decay Time

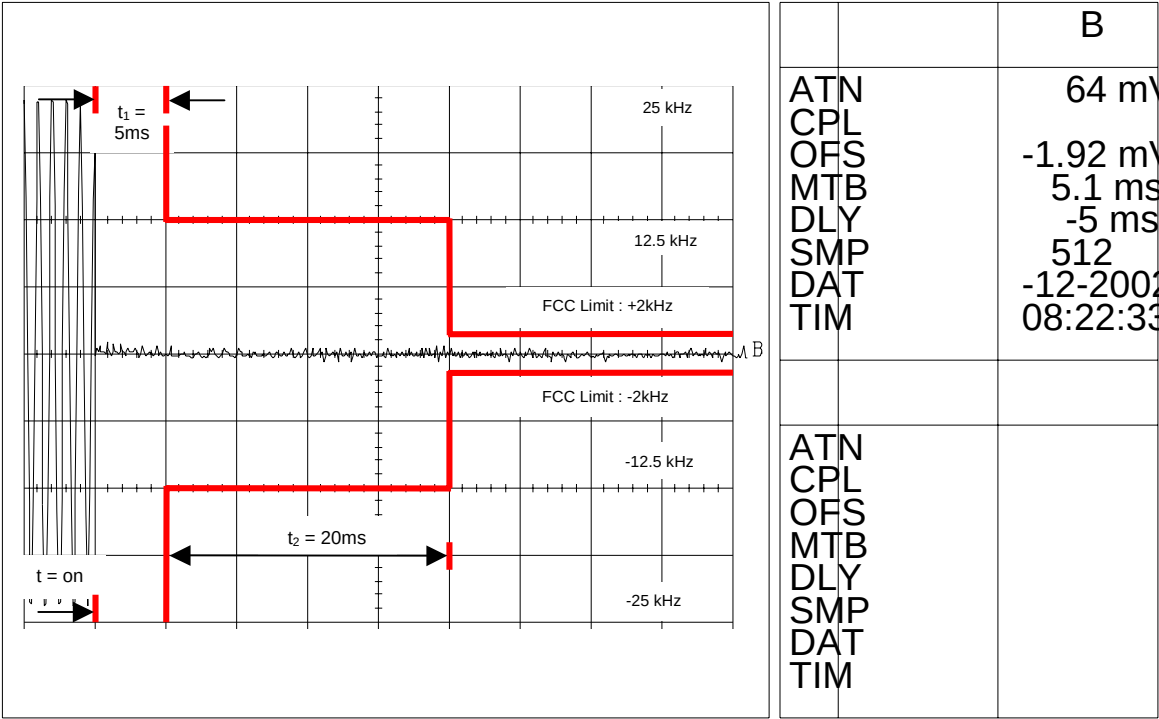


Figure 6I-7: 1 Watt, 25 kHz Key-Up Attack Time

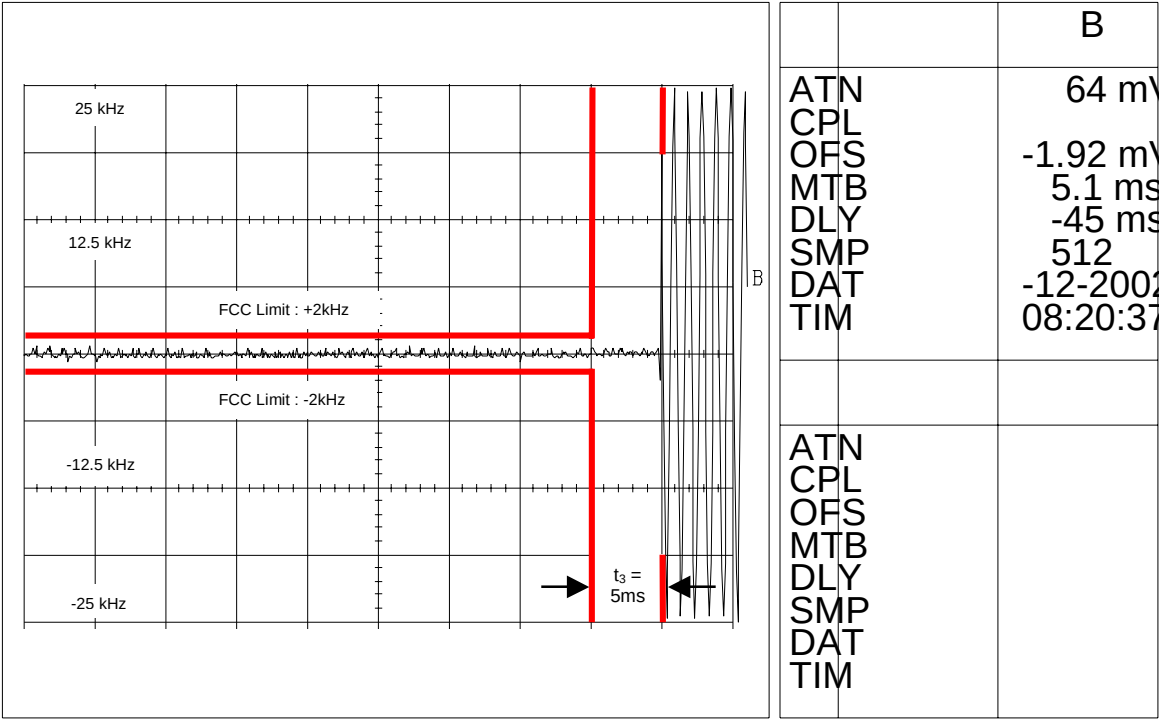


Figure 6I-8: 1 Watt, 25 kHz De-Key Decay Time