

INDEX OF SUBMITTED MEASURED DATA**EXHIBIT 6F (Revised) – Conducted Spurious Emissions (12 Tables):**

6F-1: Lo-Power Harmonic of Carrier 136.155 MHz, 12.5 kHz Channel Spacing
6F-2: Lo-Power Harmonic of Carrier 155.455 MHz, 12.5 kHz Channel Spacing
6F-3: Lo-Power Harmonic of Carrier 173.955 MHz, 12.5 kHz Channel Spacing
6F-4: Hi-Power Harmonic of Carrier 136.155 MHz, 12.5 kHz Channel Spacing
6F-5: Hi-Power Harmonic of Carrier 155.455 MHz, 12.5 kHz Channel Spacing
6F-6: Hi-Power Harmonic of Carrier 173.955 MHz, 12.5 kHz Channel Spacing
6F-7: Lo-Power Harmonic of Carrier 136.155 MHz, 25 kHz Channel Spacing
6F-8: Lo-Power Harmonic of Carrier 155.455 MHz, 25 kHz Channel Spacing
6F-9: Lo-Power Harmonic of Carrier 173.955 MHz, 25 kHz Channel Spacing
6F-10: Hi-Power Harmonic of Carrier 136.155 MHz, 25 kHz Channel Spacing
6F-11: Hi-Power Harmonic of Carrier 155.455 MHz, 25 kHz Channel Spacing
6F-12: Hi-Power Harmonic of Carrier 173.955 MHz, 25 kHz Channel Spacing

EXHIBIT 6G (Revised) – Radiated Spurious Emissions (6 Tables):

6G-1: Lo-Power, 136.155 MHz, 12.5 kHz Channel Spacing
6G-2: Lo-Power, 155.455 MHz, 12.5 kHz Channel Spacing
6G-3: Lo-Power, 173.955 MHz, 12.5 kHz Channel Spacing
6G-4: Hi-Power, 136.155 MHz, 25 kHz Channel Spacing
6G-5: Hi-Power, 155.455 MHz, 25 kHz Channel Spacing
6G-6: Hi-Power, 173.955 MHz, 25 kHz Channel Spacing

EXHIBIT 6I (Revised) – Transient Frequency Behavior (8 Graphs)

6I-1: Hi-Power, 12.5 kHz Key-Up Attack Time
6I-2: Hi-Power, 12.5 kHz De-Key Decay Time
6I-3: Hi-Power, 25 kHz Key-Up Attack Time
6I-4: Hi-Power, 25 kHz De-Key Decay Time
6I-5: Lo-Power, 12.5 kHz Key-Up Attack Time
6I-6: Lo-Power, 12.5 kHz De-Key Decay Time
6I-7: Lo-Power, 25 kHz Key-Up Attack Time
6I-8: Lo-Power, 25 kHz De-Key Decay Time

EXHIBIT 6F (Revised)
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.

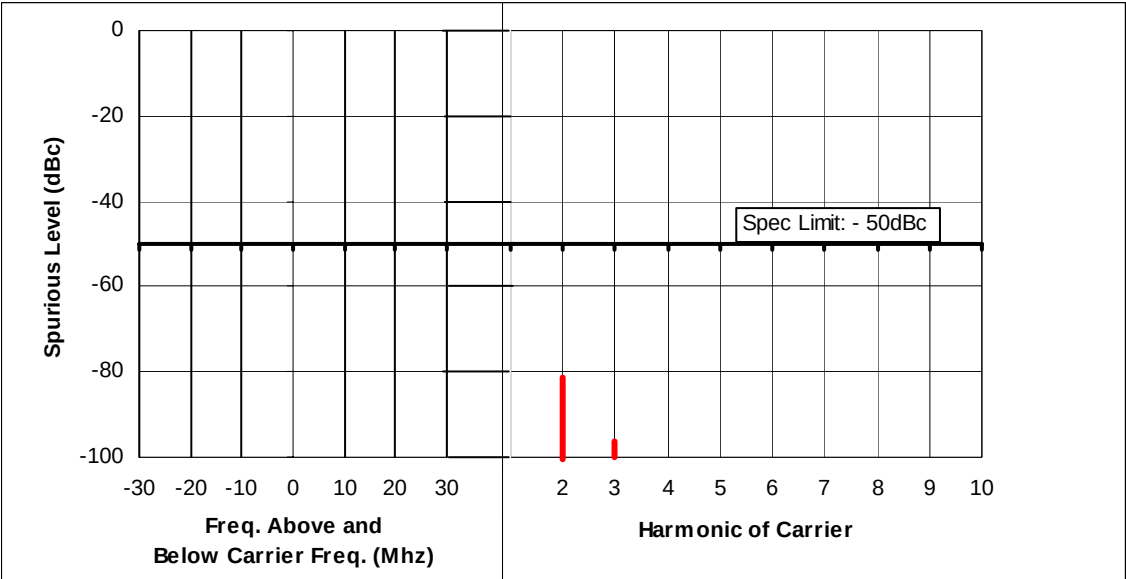


Table 6F-1: Lo Power Harmonic of Carrier 136.155 MHz, 12.5 kHz Channel Spacing

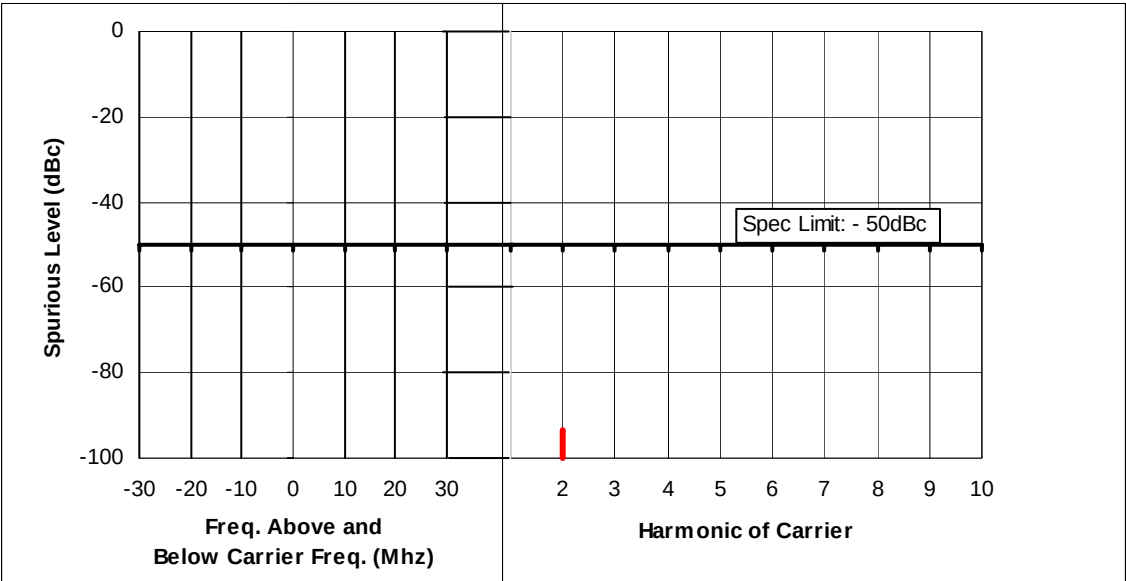


Table 6F-2: Lo Power Harmonic of Carrier 155.455 MHz, 12.5 kHz Channel Spacing

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

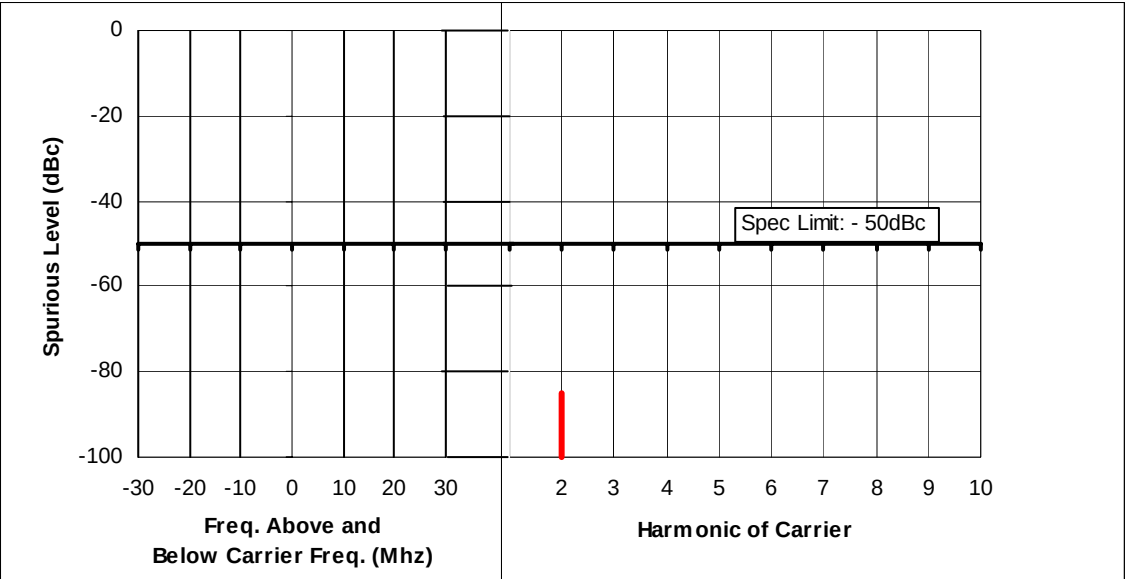


Table 6F-3: Lo Power Harmonic of Carrier 173.955 MHz, 12.5 kHz Channel Spacing

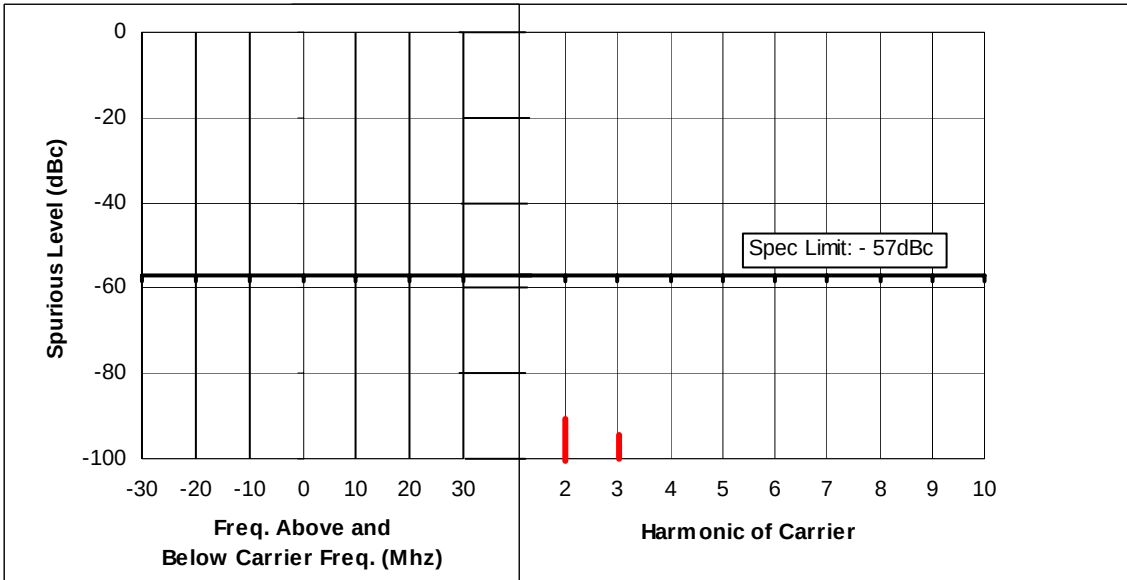


Table 6F-4: Hi Power Harmonic of Carrier 136.155 MHz, 12.5 kHz Channel Spacing

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

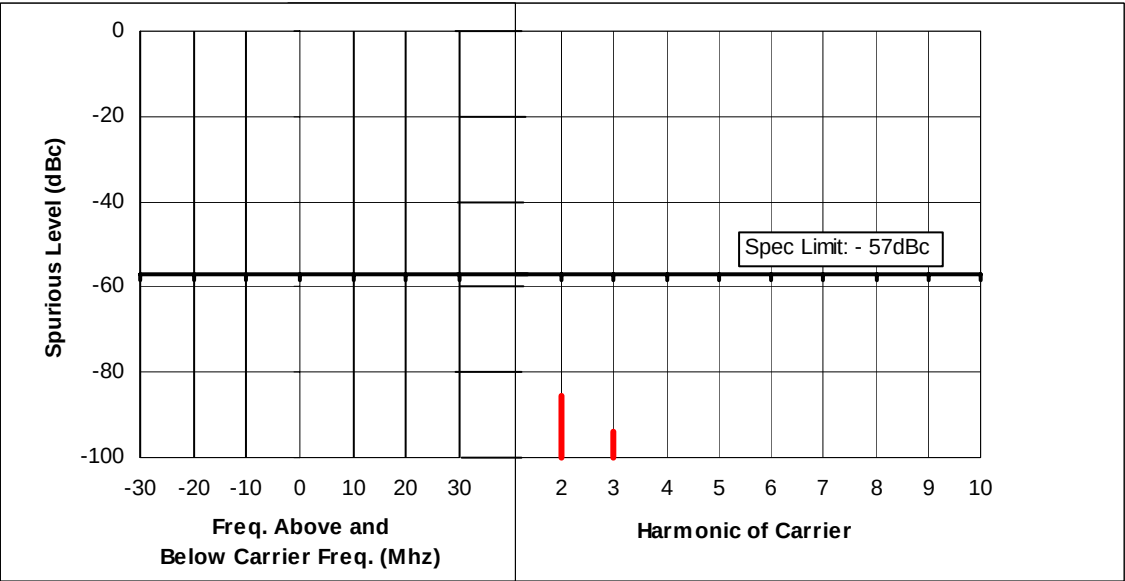


Table 6F-5: Hi Power Harmonic of Carrier 155.455 MHz, 12.5 kHz Channel Spacing

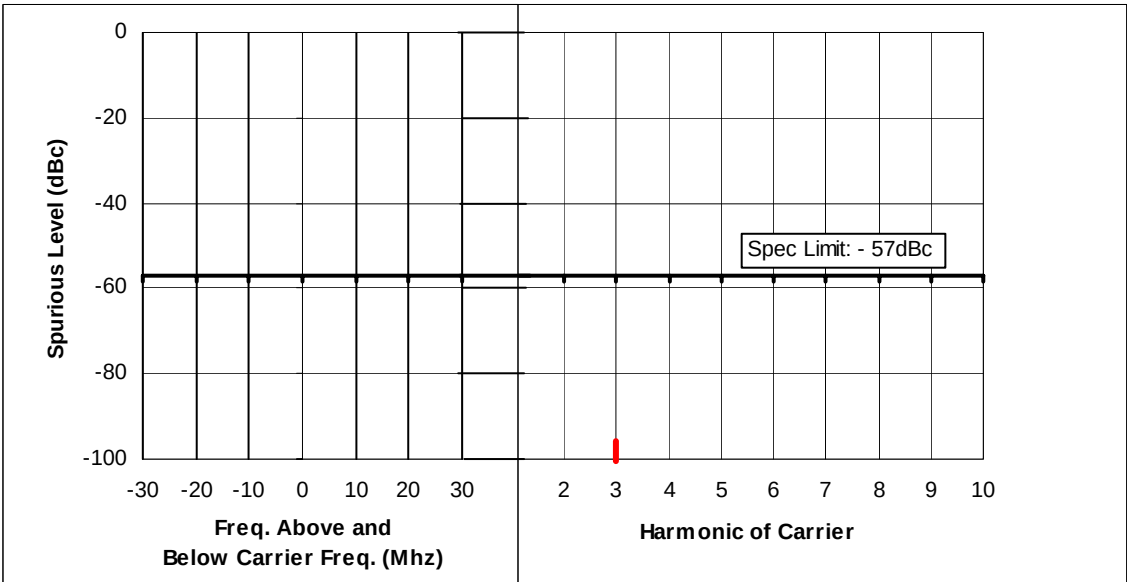


Table 6F-6: Hi Power Harmonic of Carrier 173.955 MHz, 12.5 kHz Channel Spacing

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

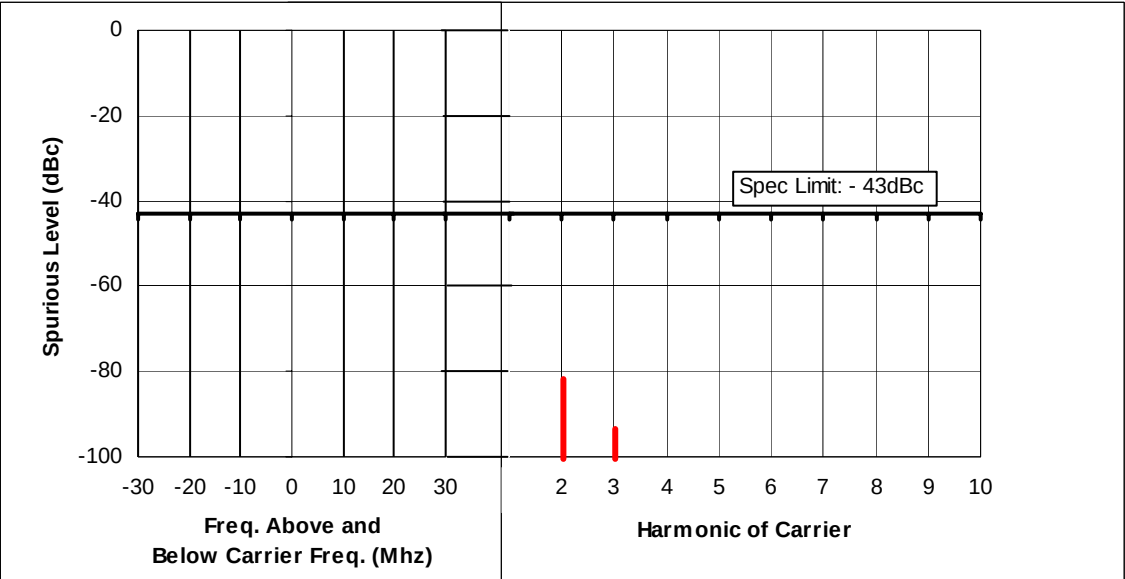


Table 6F-7: Lo Power Harmonic of Carrier 136.155 MHz, 25 kHz Channel Spacing

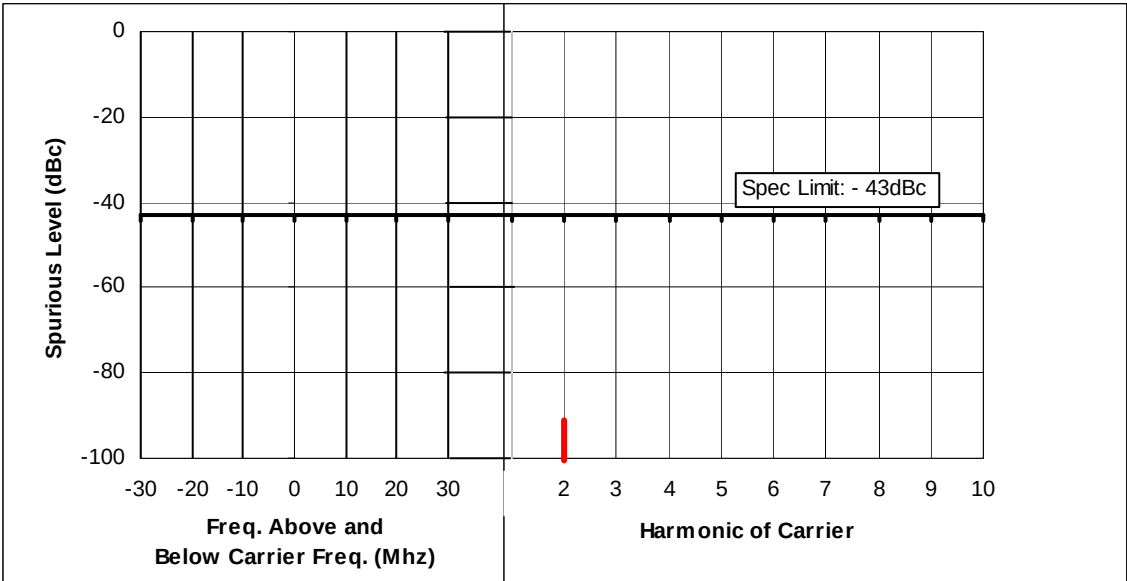


Table 6F-8: Lo Power Harmonic of Carrier 155.455 MHz, 25 kHz Channel Spacing

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

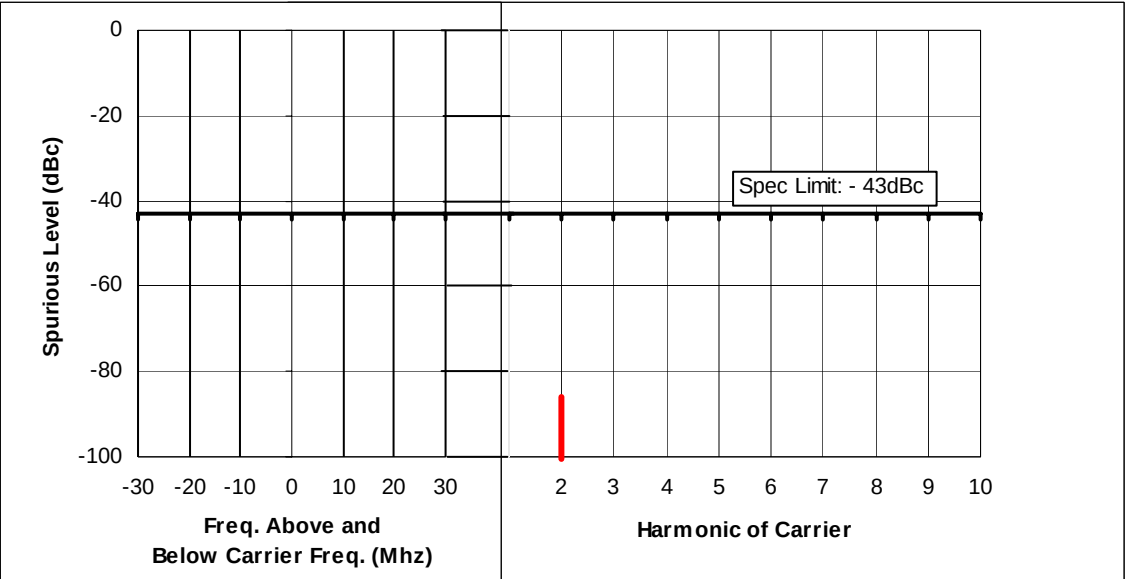


Table 6F-9: Lo Power Harmonic of Carrier 173.955 MHz, 25 kHz Channel Spacing

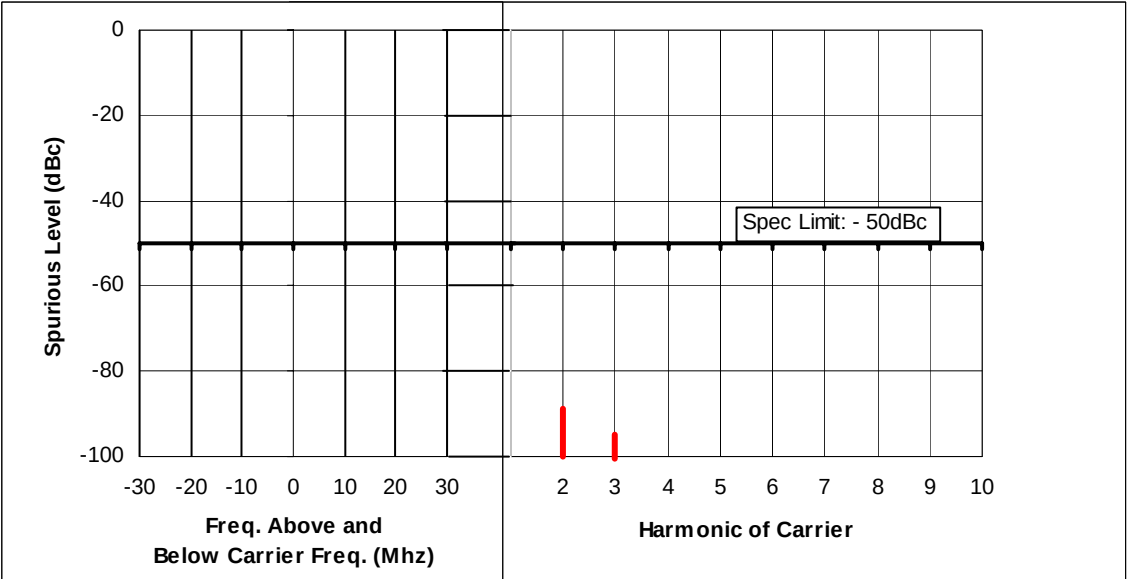


Table 6F-10: Hi Power Harmonic of Carrier 136.155 MHz, 25 kHz Channel Spacing

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

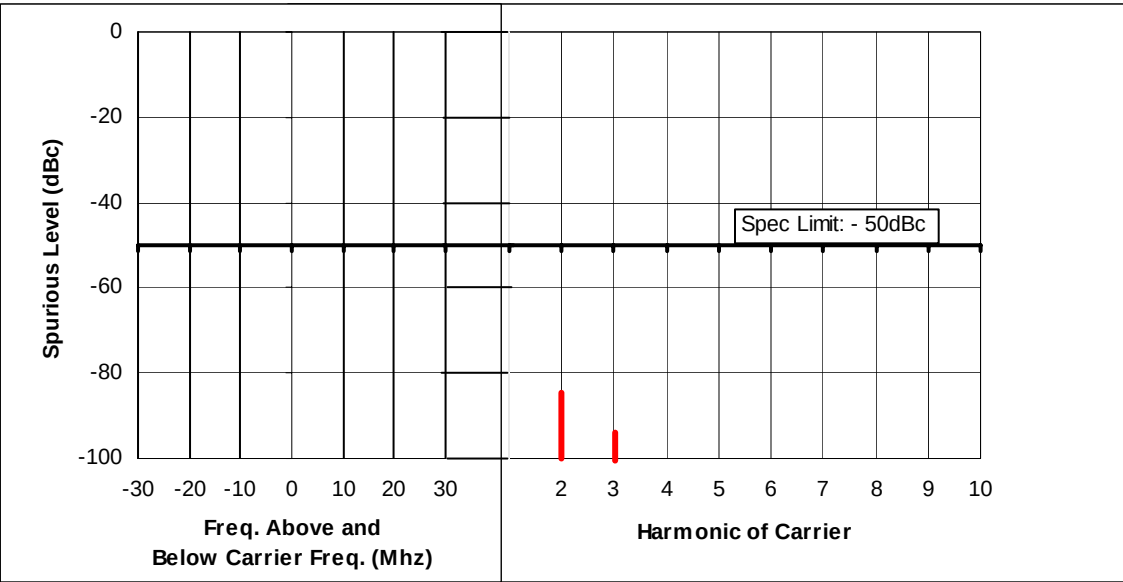


Table 6F-11: Hi Power Harmonic of Carrier 155.455 MHz, 25 kHz Channel Spacing

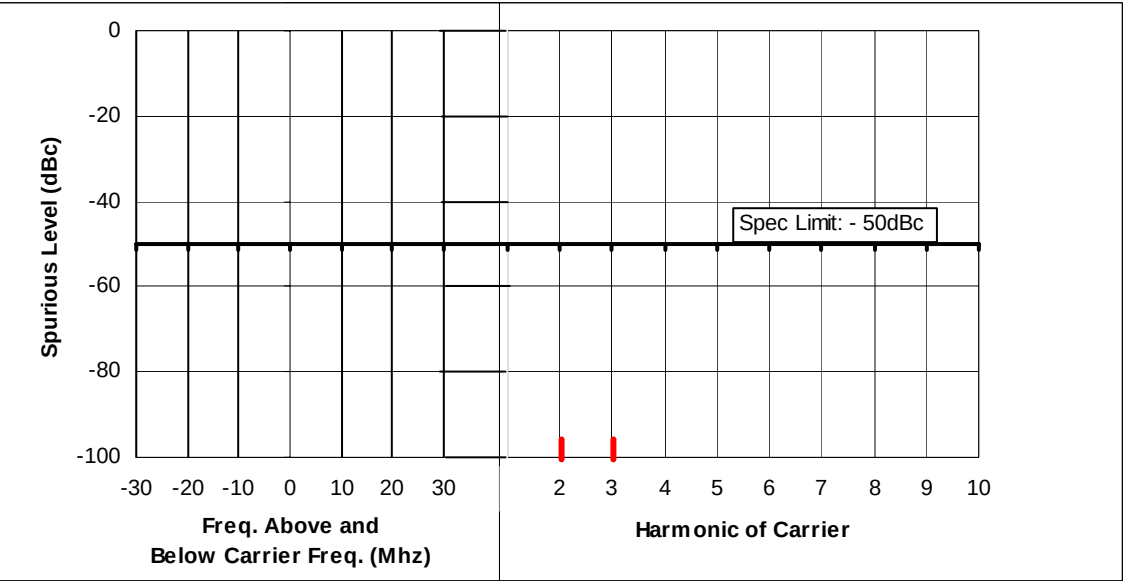


Table 6F-12: Hi Power Harmonic of Carrier 173.955 MHz, 25 kHz Channel Spacing

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

EXHIBIT 6G (Revised)**Transmitter Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)****LOW POWER – 33 dBm:**

Emission Frequency MHz	Ant. Polarity	dB Below Carrier (dBc)
136.155	0	0
272.31	H	99.12
408.465	H	106.15
544.62	H	109.42
680.775		NE
816.93		NE
953.085	H	93.16
1089.24		NE
1225.395		NE
1361.55		NE

6G-1: Lo-Power, 136.155 MHz, 12.5 kHz Channel Spacing

Emission Frequency MHz	Ant. Polarity	dB Below Carrier (dBc)
155.455	0	0
310.91	H	98.22
466.365	V	99.99
621.82		NE
777.275	H	101.66
932.73	H	95.71
1088.185		NE
1243.64		NE
1399.095		NE
1554.55		NE

6G-2: Lo-Power, 155.455 MHz, 12.5 kHz Channel Spacing

Emission Frequency MHz	Ant. Polarity	dB Below Carrier (dBc)
173.955	0	0
347.91	H	101.52
521.865	H	104.83
695.82	H	102.86
869.775		NE
1043.73	H	88.52
1217.685	H	85.75
1391.64		NE
1565.595		NE
1739.55		NE

6G-3: Lo-Power, 173.955 MHz, 12.5 kHz Channel Spacing

NOTE: NE = NO EMISSIONS FOUND

HIGH POWER – 36.5 dBm:

Emission Frequency MHz	Ant. Polarity	dB Below Carrier (dBc)
136.155	0	0
272.31	H	85.61
408.465	H	94.64
544.62	H	105.71
680.775	H	103.39
816.93	H	102.17
953.085	H	91.15
1089.24	V	90.72
1225.395		NE
1361.55		NE

6G-4: Hi-Power, 136.155 MHz, 25 kHz Channel Spacing

Emission Frequency MHz	Ant. Polarity	dB Below Carrier (dBc)
155.455	0	0
310.91	H	87.51
466.365	H	104.68
621.82	H	101.94
777.275	H	97.05
932.73	H	88.1
1088.185	H	88.73
1243.64	H	86.24
1399.095	V	86.74
1554.55	V	82.62

6G-5: Hi-Power, 155.455 MHz, 25 kHz Channel Spacing

Emission Frequency MHz	Ant. Polarity	dB Below Carrier (dBc)
173.955	0	0
347.91	H	95.21
521.865	H	101.92
695.82	H	102.43
869.775	H	93.85
1043.73	H	87.11
1217.685		NE
1391.64	H	88.94
1565.595	H	85.62
1739.55	V	85.12

6G-6: Hi-Power, 173.955 MHz, 25 kHz Channel Spacing

TIMCO EMC Equipment List

Device	Manufacturer	Model	Serial Number	Cal/Char Date	Due Date
Open-Frame Tower Spectrum Analyzer	HP	8566B/85662A	2627A03154 2648A14276	CAL 8/8/05	8/8/07
Open-Frame Tower RF Preselector	HP	85685A	3107A01282	CAL 8/8/05	8/8/07
Open-Frame Tower Quasi- Peak Adapter	HP	85650A	2046A00305A	CAL 8/8/05	8/8/07
Open-Frame Tower Preamplifier	HP	8449B	3008A01075	CAL 8/8/05	8/8/07
Biconnical Antenna	Electro-Metrics	BIA-25	1171	CAL 4/29/05	4/29/07
Log-Periodic Antenna	Electro-Metrics	LPA-30	409	CAL 5/2/05	5/2/07
Double-Ridged Horn Antenna	Electro-Metrics	RGA-180	2319	CAL 12/29/04	12/29/06
Double-Ridged Horn Antenna	ETS-Lindgren	3117 (ETS-1)	00035923	CAL 9/27/04	9/27/06
Double-Ridged Horn Antenna	ETS-Lindgren	3117 (ETS-2)	00041534	CAL 11/17/04	11/17/06
Signal Generator	HP	8640B	2308A21464	CAL 8/26/04	8/26/06

TEST SET UP PHOTOGRAPH



EXHIBIT 6I

Transient Frequency Behavior (FCC Rules Part 90.214)

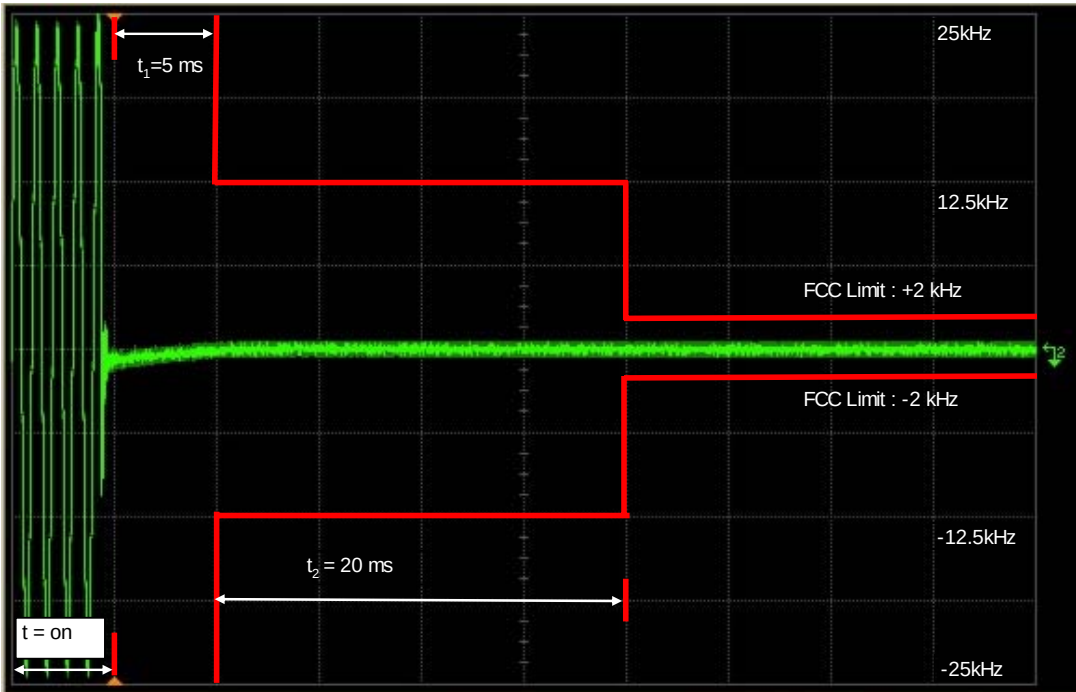


Figure 6I-1: Hi Power, 12.5 kHz Key-Up Attack Time

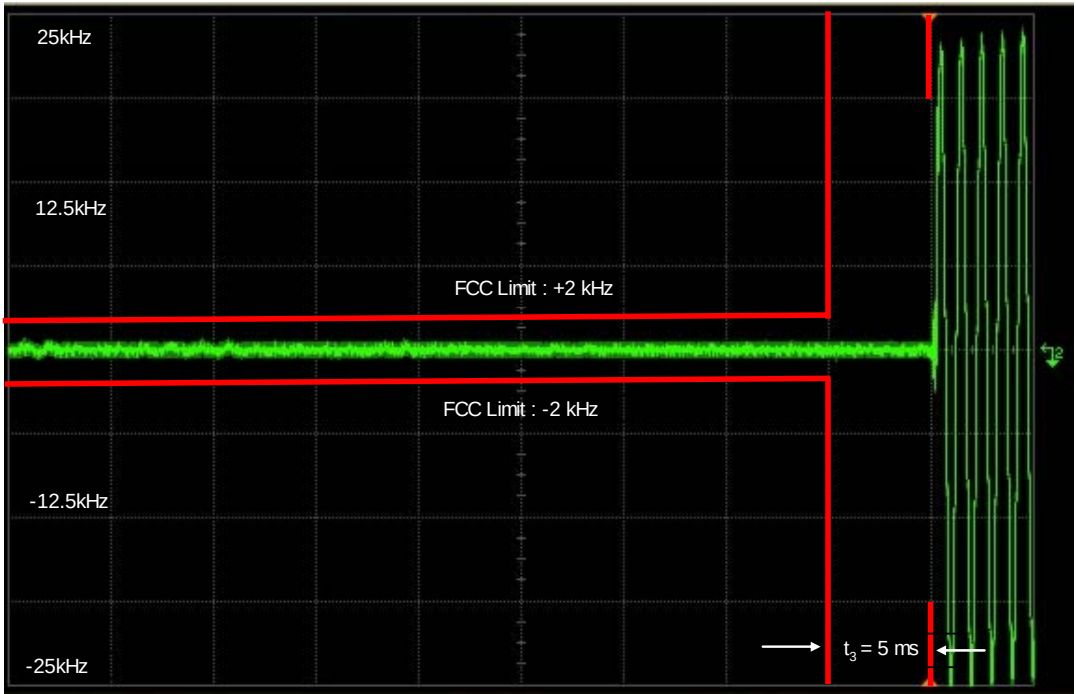


Figure 6I-2: Hi Power, 12.5 kHz De-Key Decay Time

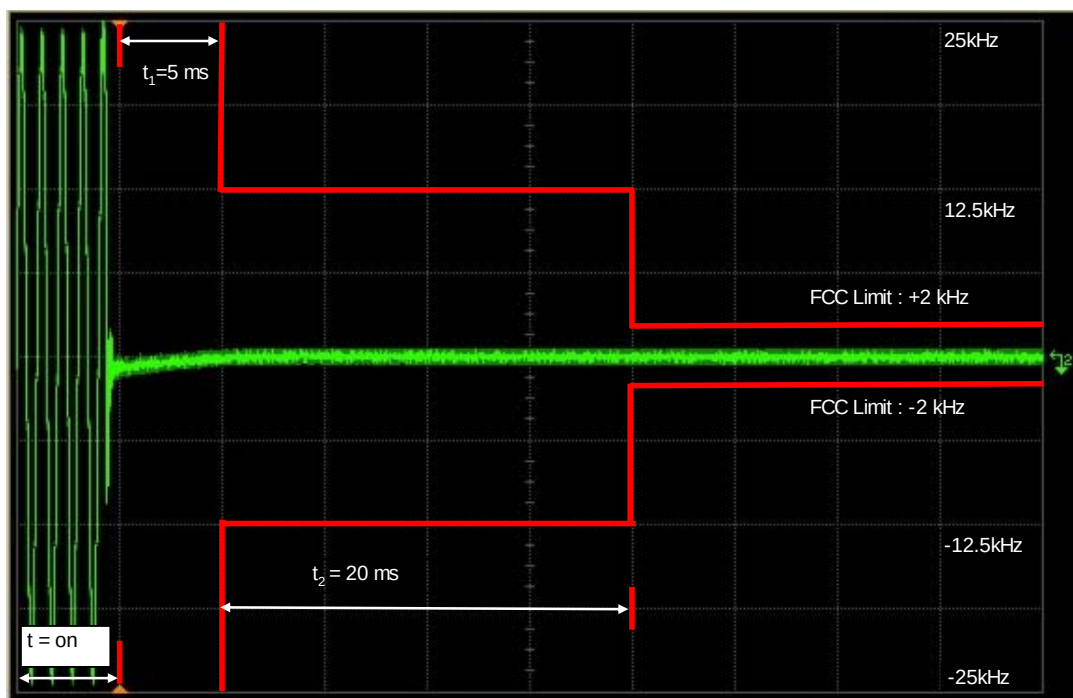


Figure 6I-3: Hi Power, 25 kHz Key-Up Attack Time

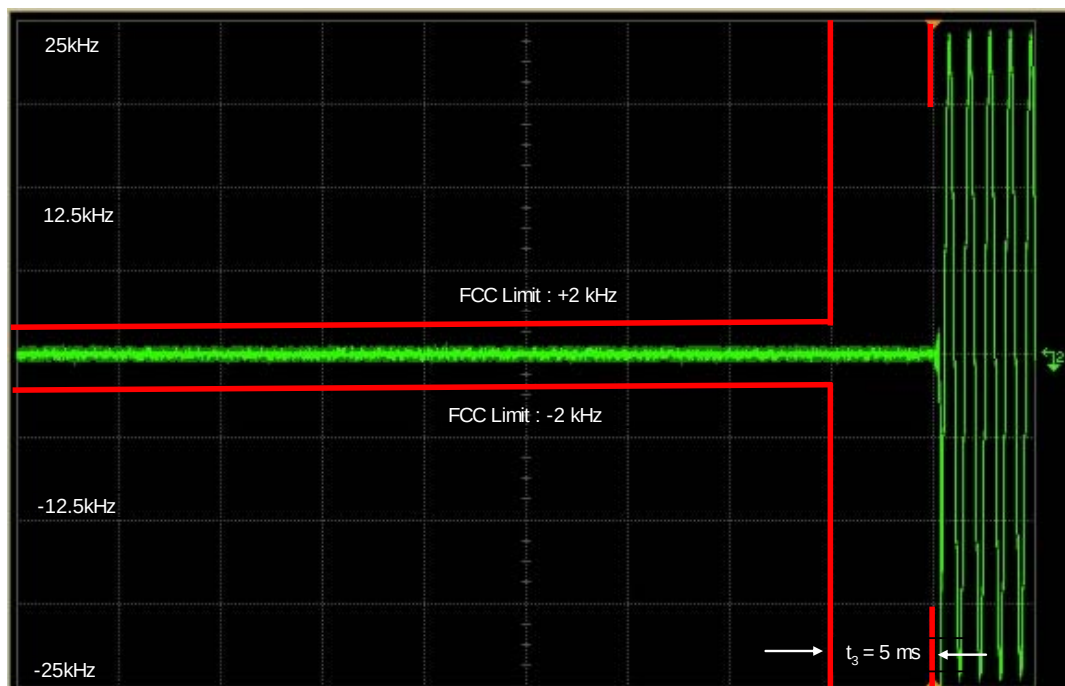


Figure 6I-4: Hi Power, 25 kHz De-Key Decay Time

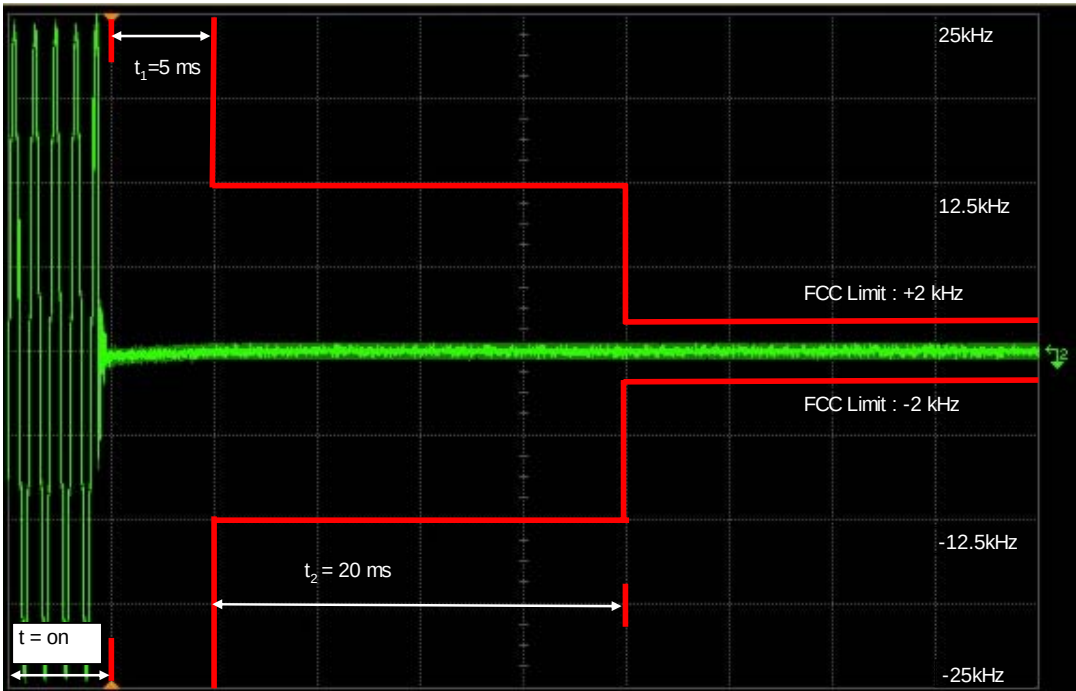


Figure 6I-5: Lo Power, 12.5 kHz Key-Up Attack Time

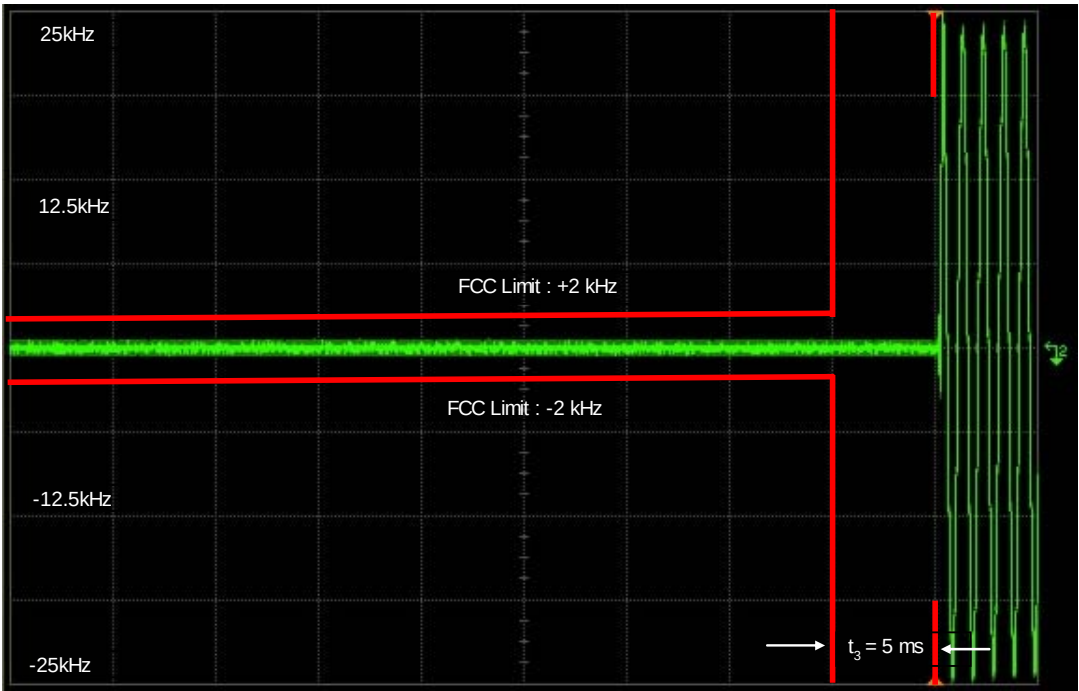


Figure 6I-6: Lo Power, 12.5 kHz De-Key Decay Time

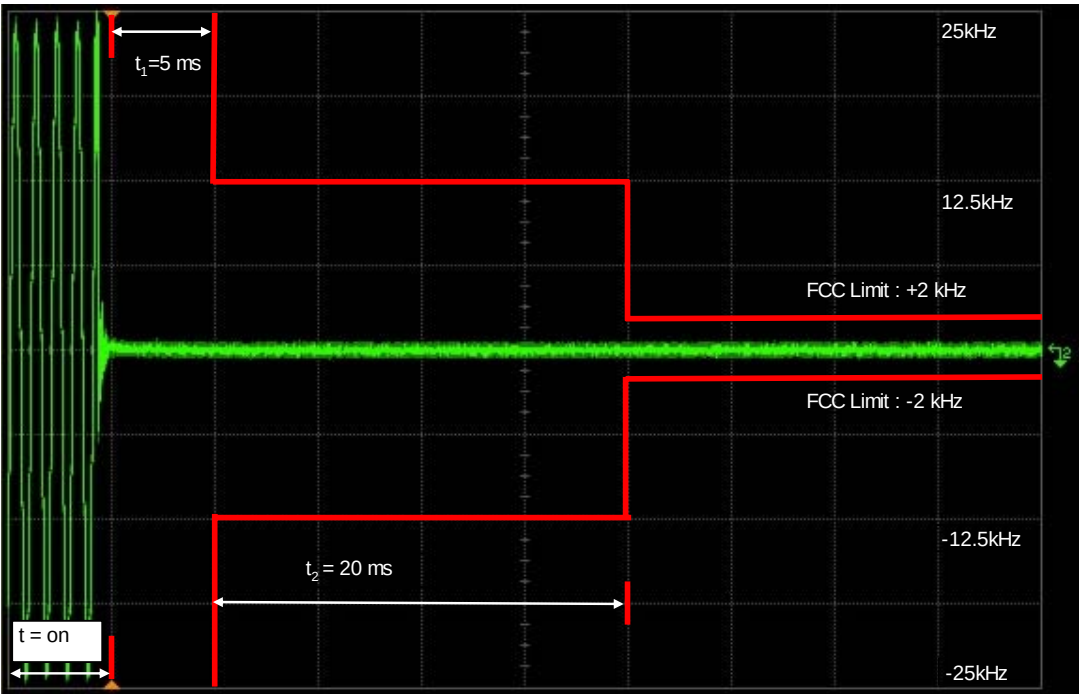


Figure 6I-7: Lo Power, 25 kHz Key-Up Attack Time

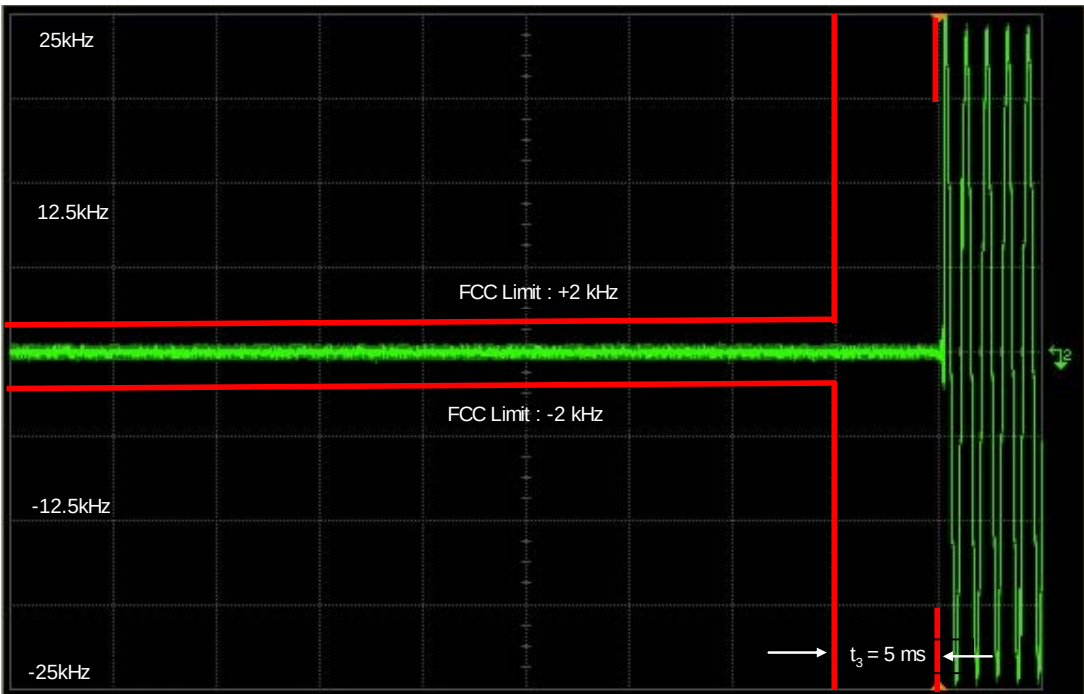


Figure 6I-8: Lo Power, 25 kHz De-Key Decay Time