

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), (7) and (8)

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device (Q3501).

At maximum output power setting, Frequency 136.0125 MHz:

Output RF power:	1.03 Watts
DC Voltage:	7.50 Volts
DC Current:	0.47 Amps
DC Input Power:	3.52 Watts

At maximum output power setting, Frequency 153.0125 MHz:

Output RF power:	1.03 Watts
DC Voltage:	7.50 Volts
DC Current:	0.50 Amps
DC Input Power:	3.75Watts

At maximum output power setting, Frequency 173.9875 MHz:

Output RF power:	1.00 Watts
DC Voltage:	7.50 Volts
DC Current:	0.15 Amps
DC Input Power:	1.12 Watts

EXHIBIT 6B

Transmit Audio Frequency Response - Pursuant 47 CFR 2.1047(a)

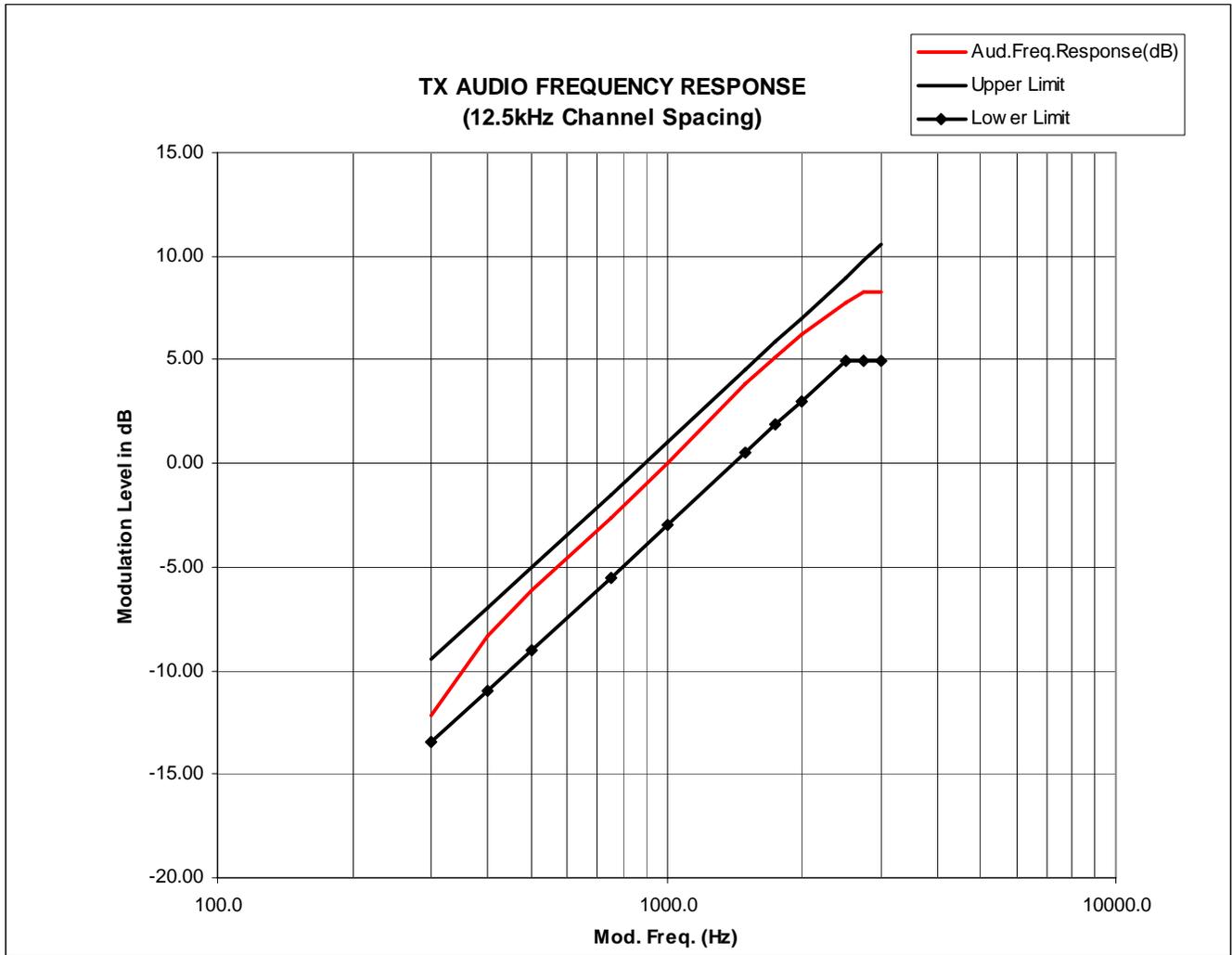


Figure 6B-1: 12.5 kHz Channel Spacing, 153.0125 MHz, Transmit Audio Frequency Response

EXHIBIT 6C

Transmit Audio Post Limiter Lowpass Filter Response - Pursuant 47 CFR 2.1047(a)

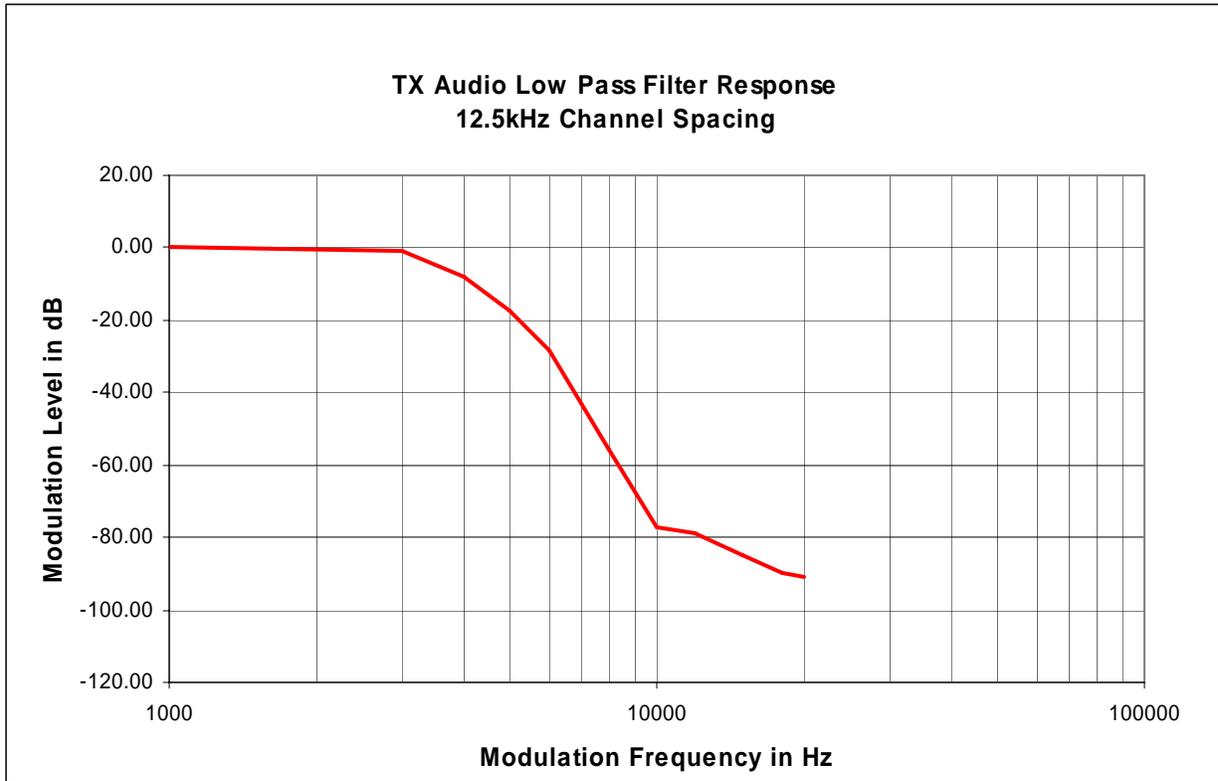


Figure 6C-1: 12.5 kHz Channel Spacing, 153.0125 MHz, Transmit Audio Post Limiter Lowpass Filter Response

EXHIBIT 6D
Modulation Limiting - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

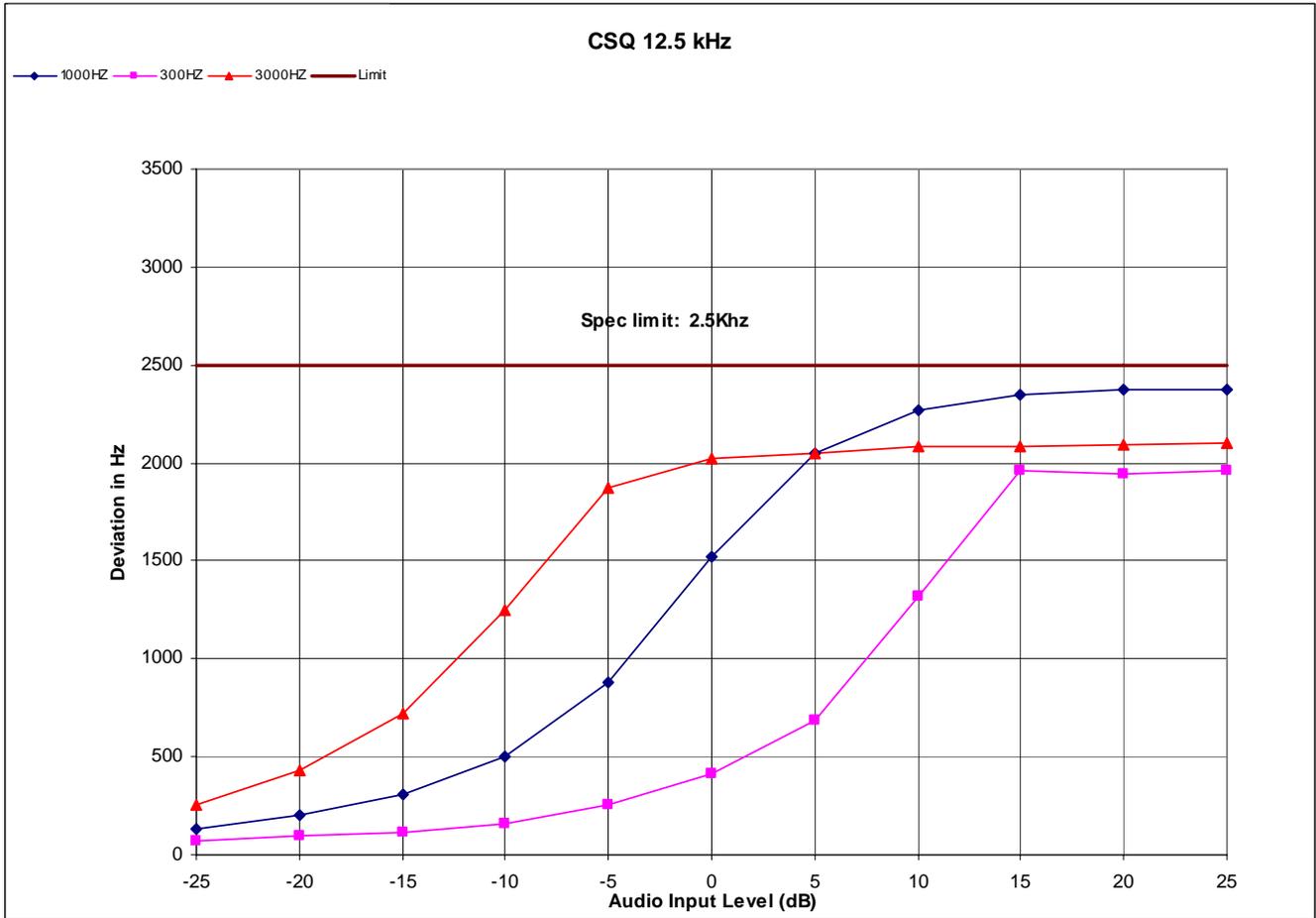


Figure 6D-1: 12.5 kHz Channel Spacing, 153.0125 MHz, Carrier Squelch (CSQ) Mode

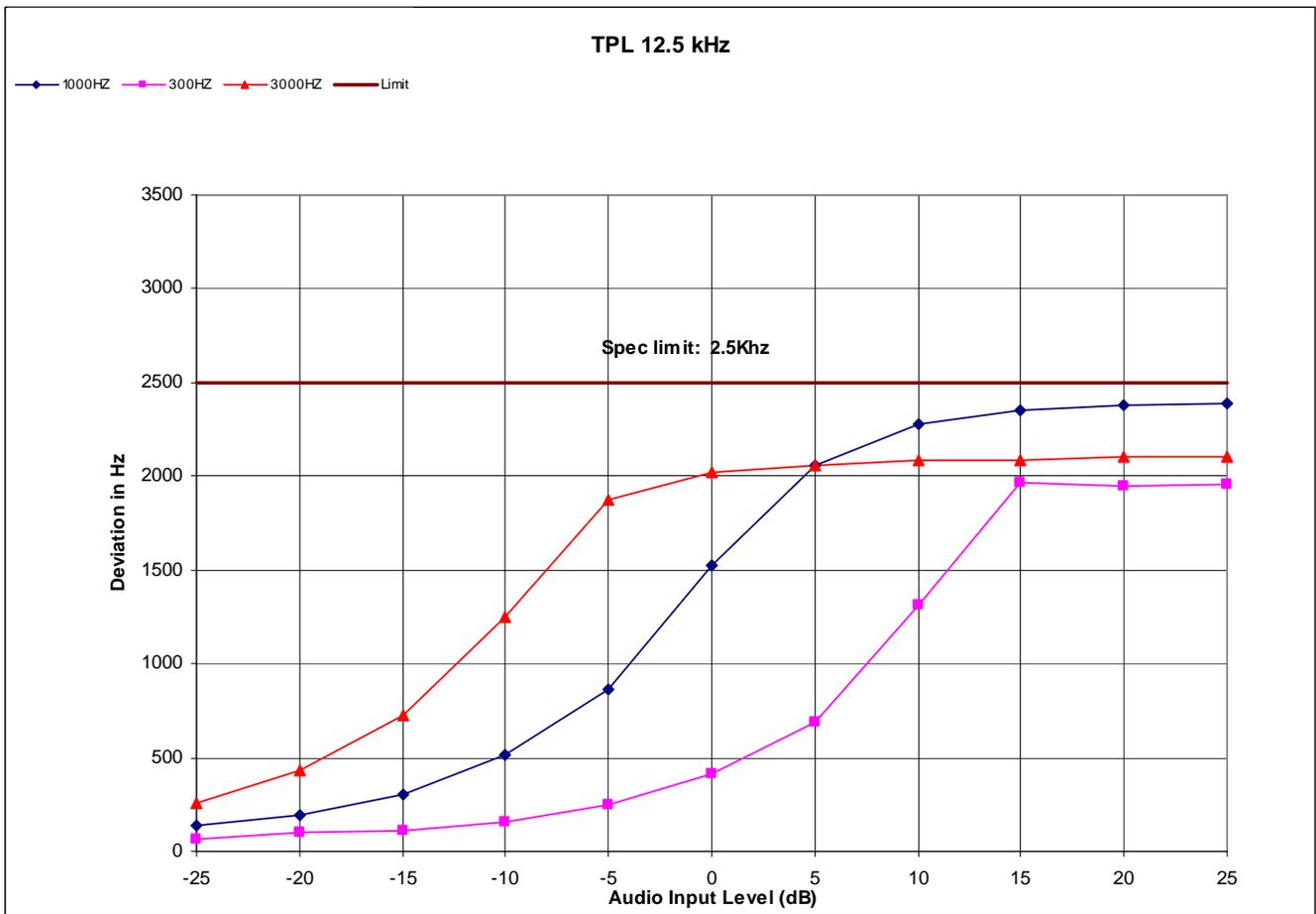


Figure 6D-2: 12.5 kHz Channel Spacing, 153.0125 MHz, Tone Private Line (TPL) Mode

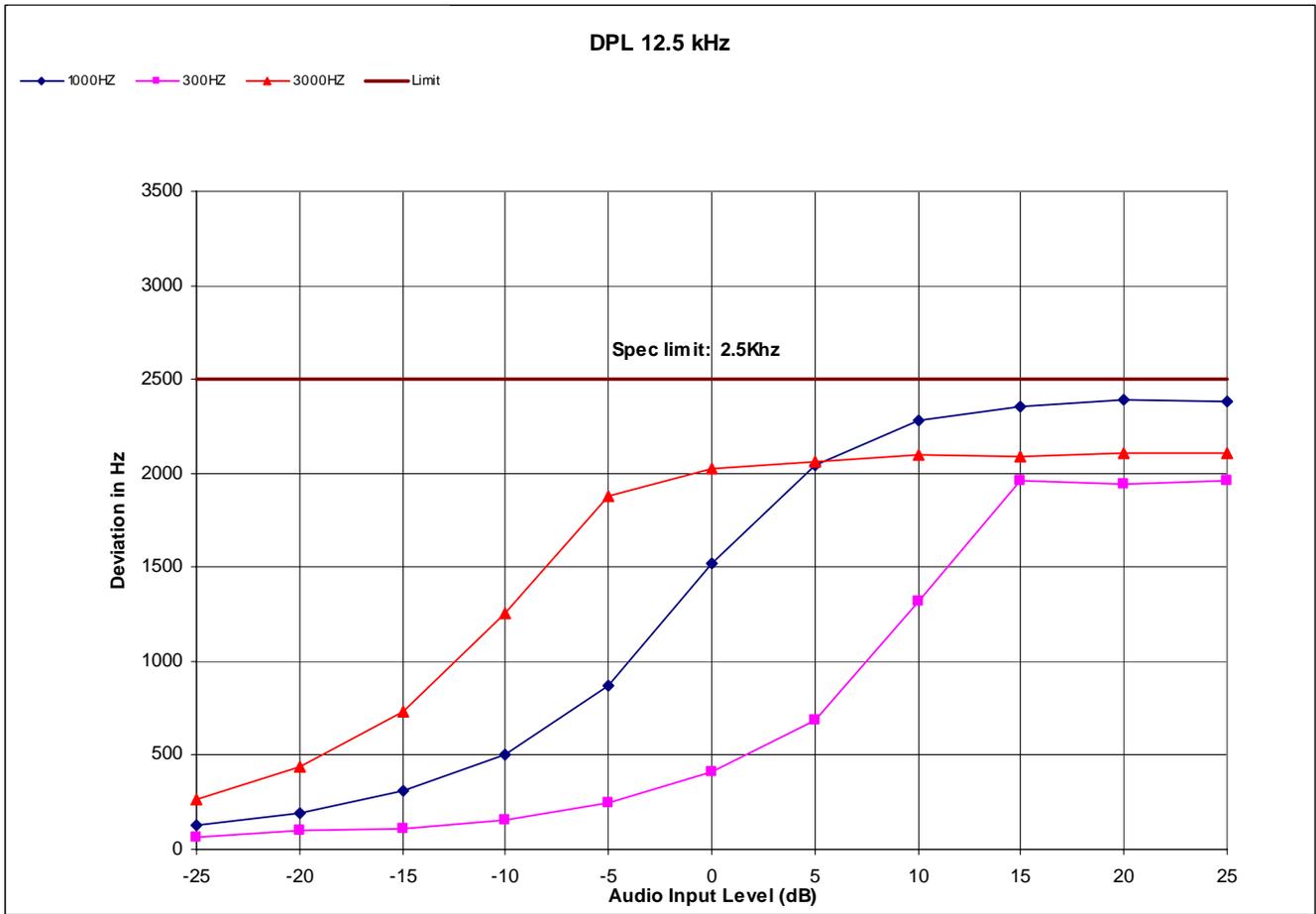


Figure 6D-3: 12.5 kHz Channel Spacing, 153.0125 MHz, Digital Private Line (DPL) Mode

EXHIBIT 6E

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

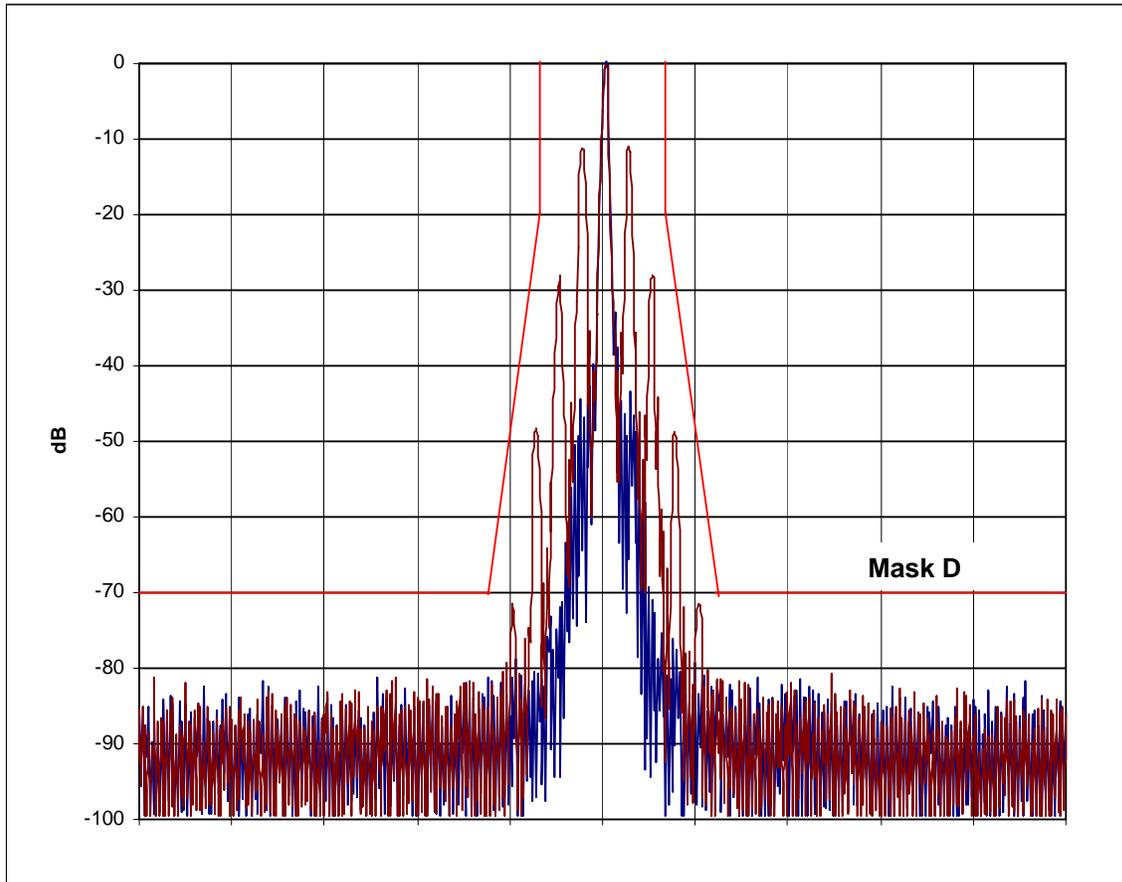


Figure 6E-1: 12.5 kHz Channel Spacing, 153.0125 MHz, 2500 Hz Audio Modulation Only, 11K03FE.

CENTER FREQUENCY(MHZ):	153.0125
RESOLUTION BANDWIDTH(HZ):	300
VIDEO BANDWIDTH(KHZ):	3
SPAN(KHZ):	100
SWEEP TIME(SEC):	2
SCALE(DB/):	10
REF LEVEL(dBm)	0.3
ATTEN (dB)	20

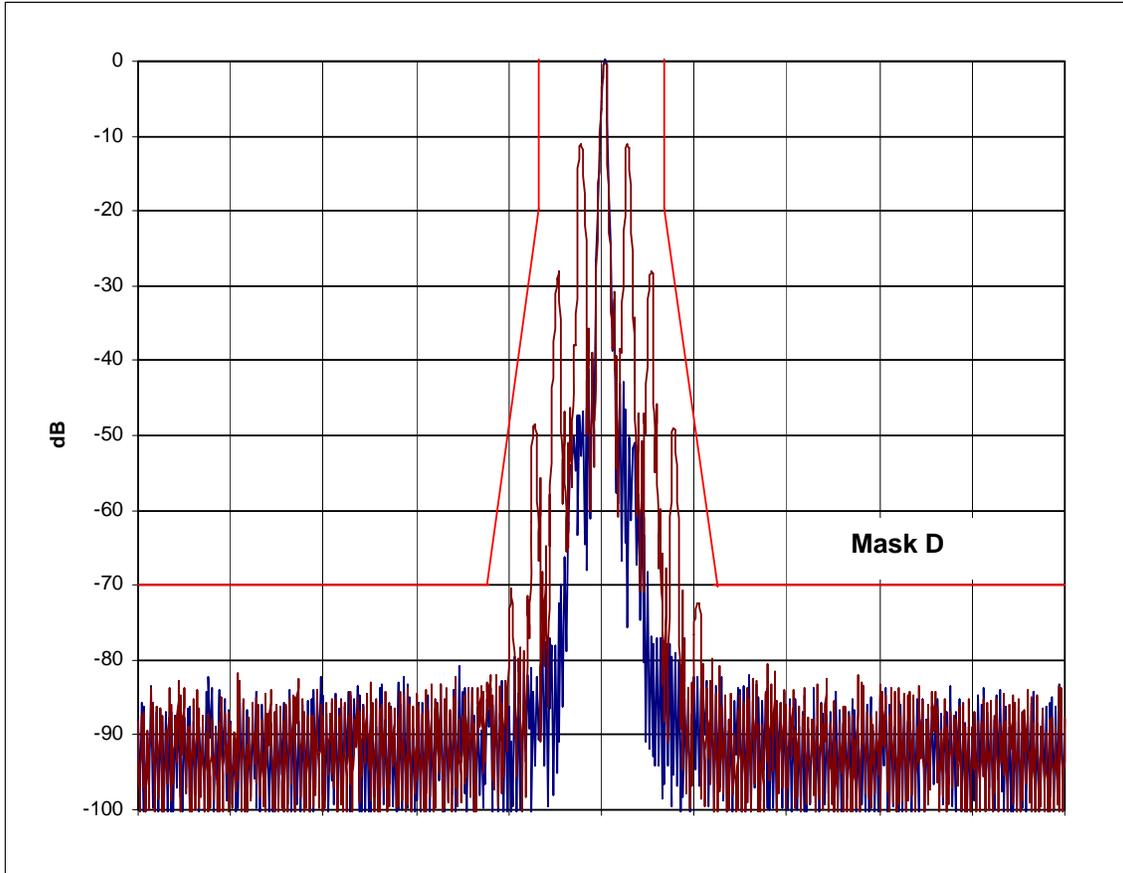


Figure 6E-2: 12.5 kHz Channel Spacing, 153.0125 MHz, 2500 Hz Audio and PL Tone Modulation, 11K0F3E.

CENTER FREQUENCY(MHZ):	153.0125
RESOLUTION BANDWIDTH(HZ):	300
VIDEO BANDWIDTH(KHZ):	3
SPAN(KHZ):	100
SWEEP TIME(SEC):	2
SCALE(DB/):	10
REF LEVEL(dBm)	0.34
ATTEN (dB)	20

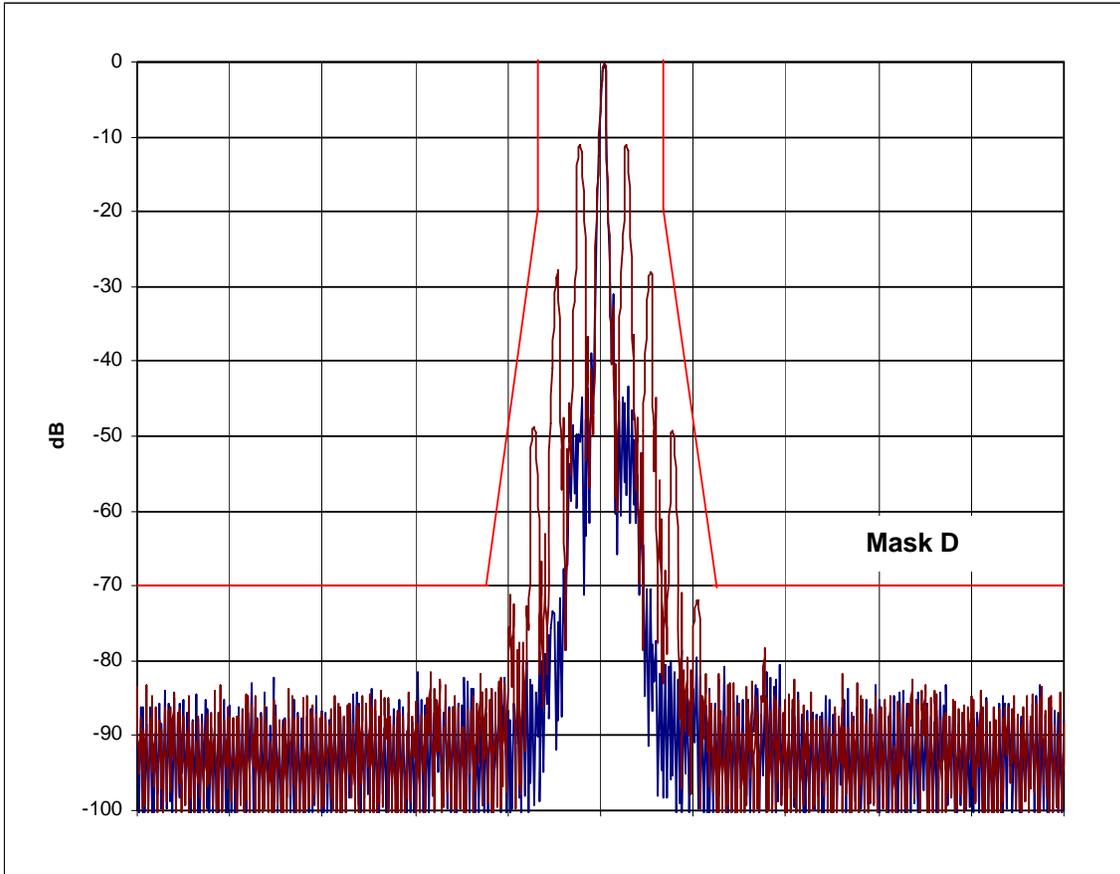


Figure 6E-3: 12.5 kHz Channel Spacing, 153.0125 MHz, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E.

CENTER FREQUENCY(MHZ):	153.0125
RESOLUTION BANDWIDTH(HZ):	300
VIDEO BANDWIDTH(KHZ):	3
SPAN(KHZ):	100
SWEEP TIME(SEC):	2
SCALE(DB/):	10
REF LEVEL(dBm)	0.33
ATTEN (dB)	20

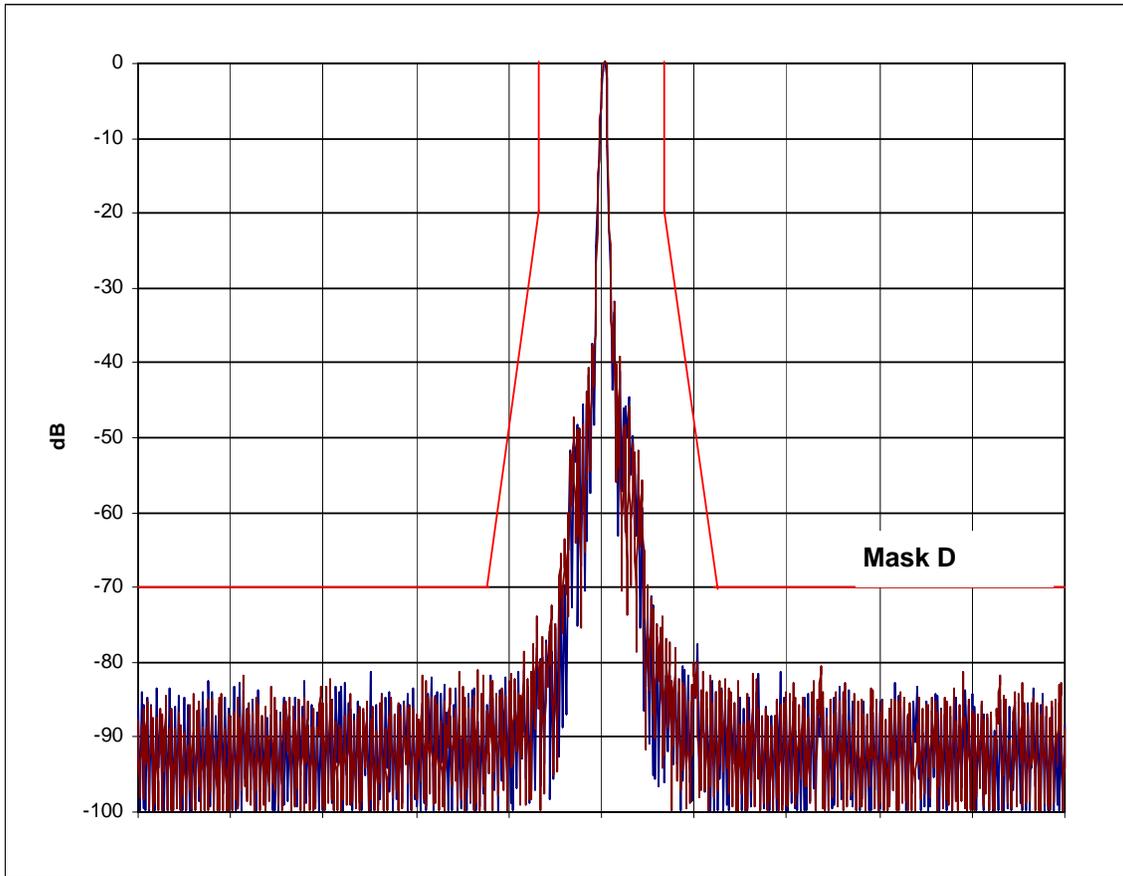


Figure 6E-4: 12.5 kHz Channel Spacing, 153.0125 MHz, DTMF Modulation Only 11K0F3E.

CENTER FREQUENCY(MHZ):	153.0125
RESOLUTION BANDWIDTH(HZ):	300
VIDEO BANDWIDTH(KHZ):	3
SPAN(KHZ):	100
SWEEP TIME(SEC):	2
SCALE(DB/):	10
REF LEVEL(dBm)	0.17
ATTEN (dB)	20

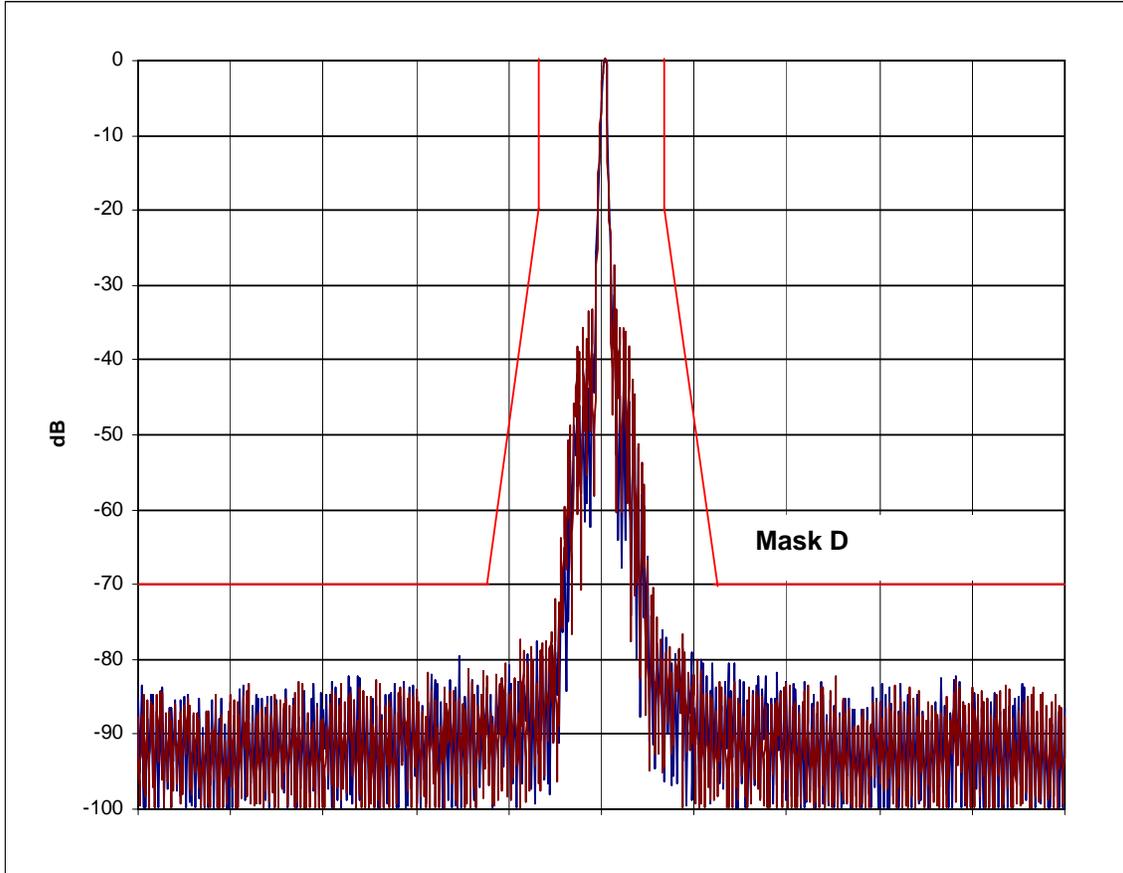


Figure 6E-5: 12.5 kHz Channel Spacing, 153.0125 MHz, DTMF Modulation and PL Tone Modulation, 11K0F2D.

CENTER FREQUENCY(MHZ):	153.0125
RESOLUTION BANDWIDTH(HZ):	300
VIDEO BANDWIDTH(KHZ):	3
SPAN(KHZ):	100
SWEEP TIME(SEC):	2
SCALE(DB/):	10
REF LEVEL(dBm)	0.34
ATTEN (dB)	20

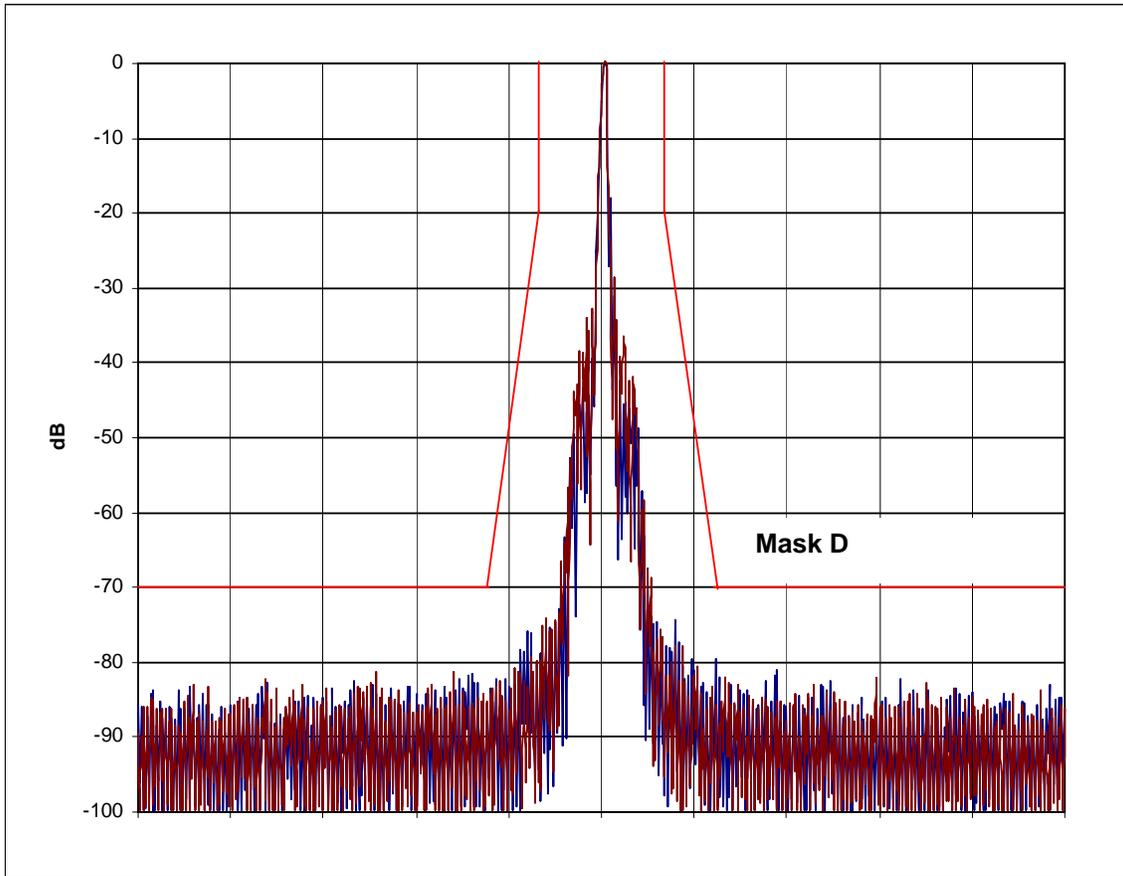


Figure 6E-6: 12.5 kHz Channel Spacing, 153.0125 MHz, DTMF Modulation and DPL Tone Modulation, 11K0F2D.

CENTER FREQUENCY(MHZ):	153.0125
RESOLUTION BANDWIDTH(HZ):	300
VIDEO BANDWIDTH(KHZ):	3
SPAN(KHZ):	100
SWEEP TIME(SEC):	2
SCALE(DB/):	10
REF LEVEL(dBm)	0.17
ATTEN (dB)	20

EXHIBIT 6F

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.

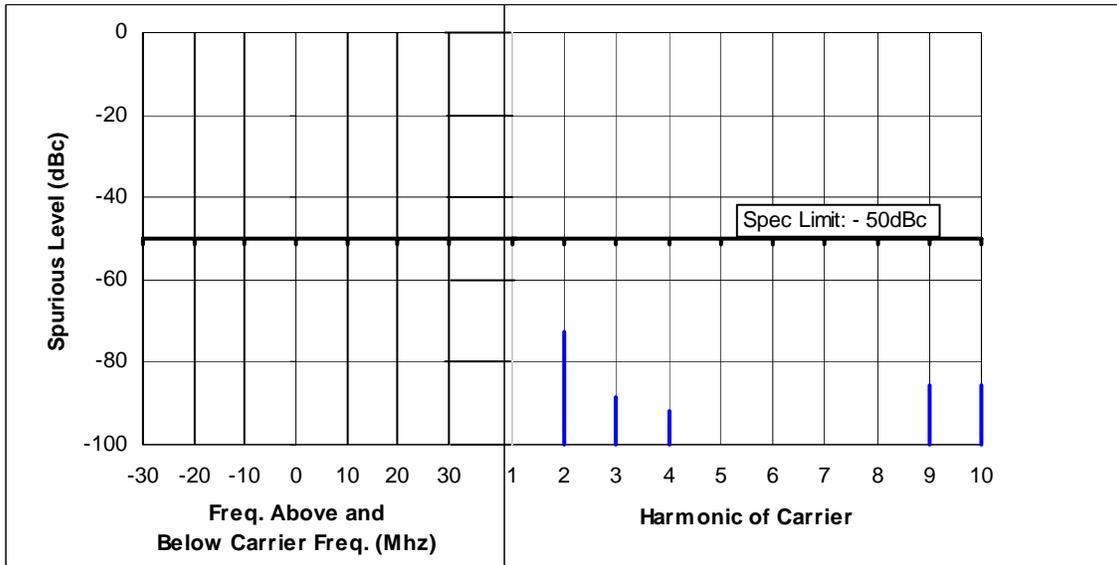


Table 6F-1: 1 Watt Harmonic of Carrier 136.0125 MHz, 12.5 kHz Channel Spacing

Note: Other emissions not reported were more than 50dB below the limit

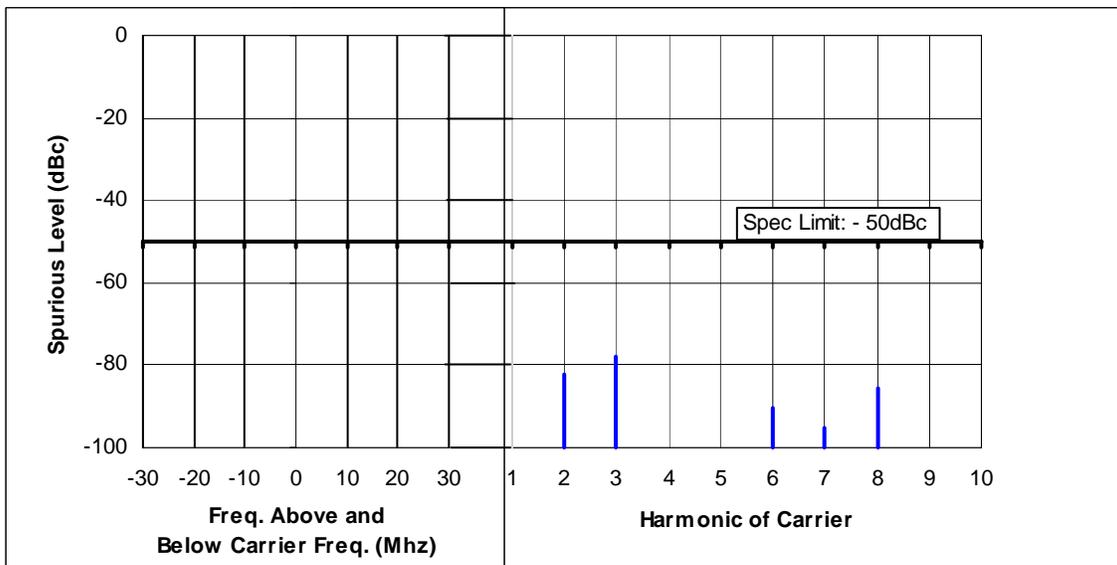


Table 6F-2: 1 Watt Harmonic of Carrier 153.0125 MHz, 12.5 kHz Channel Spacing

Note: Other emissions not reported were more than 50dB below the limit

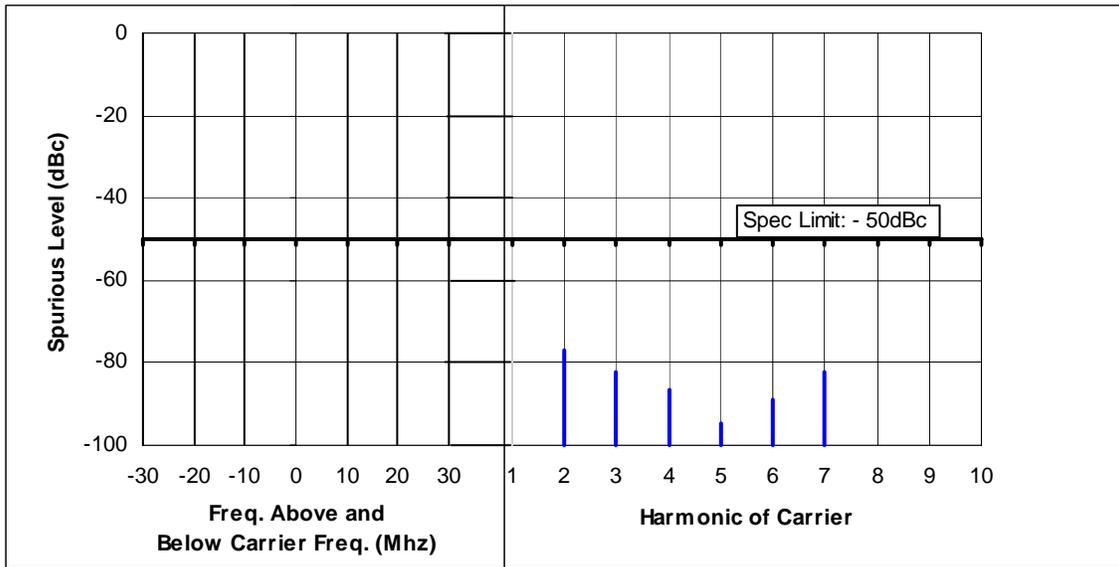


Table 6F-3: 1 Watt Harmonic of Carrier 173.9875 MHz, 12.5 kHz Channel Spacing

Note: Other emissions not reported were more than 50dB below the limit

EXHIBIT 6G

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

Notes: 1) The shown results are the worst case results for the given frequency. Measurements were made to the 10th harmonic, antenna polarization horizontal and vertical.

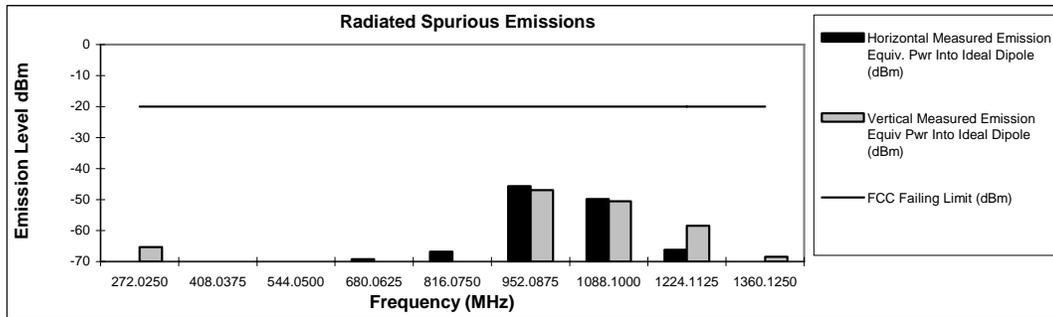
Transmit Radiated Spurious Emissions: WARIS ATEX

Tx Power: 1 Watts

136.0125 MHz

Channel Spacing 12.5kHz | S/N W52FIOCI

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
272.0250	-20	-71.71	-65.27
408.0375	-20	*	*
544.0500	-20	*	*
680.0625	-20	-69.22	*
816.0750	-20	-66.80	*
952.0875	-20	-45.64	-46.96
1088.1000	-20	-49.85	-50.51
1224.1125	-20	-66.15	-58.46
1360.1250	-20	-72.28	-68.46



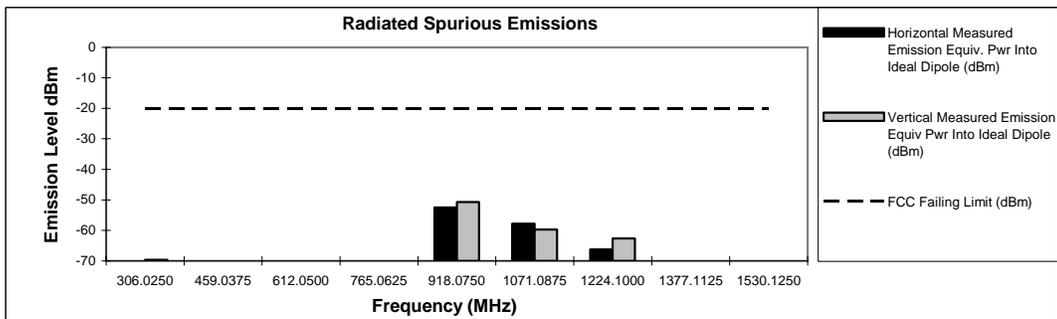
Transmit Radiated Spurious Emissions: WARIS ATEX

Tx Power: 1 Watts

153.0125 MHz

Channel Spacing 12.5kHz | S/N W52FIOCI

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
306.0250	-20	-77.97	-69.63
459.0375	-20	-74.69	*
612.0500	-20	-75.11	*
765.0625	-20	-75.46	*
918.0750	-20	-52.49	-50.74
1071.0875	-20	-57.79	-59.74
1224.1000	-20	-66.32	-62.64
1377.1125	-20	*	*
1530.1250	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

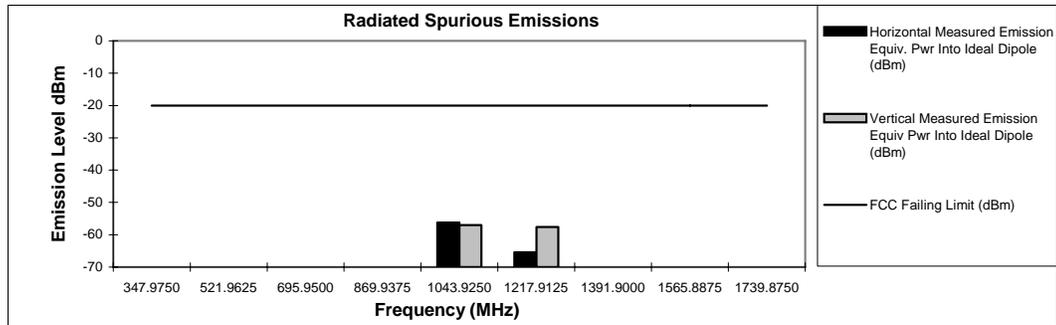
Transmit Radiated Spurious Emissions: WARIS ATEX

Tx Power: 1 Watts

173.9875 MHz

Channel Spacing 12.5kHz | S/N W52FIOCI

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)
347.9750	-20	-76.81	*
521.9625	-20	*	*
695.9500	-20	*	*
869.9375	-20	*	*
1043.9250	-20	-56.25	-56.96
1217.9125	-20	-65.38	-57.56
1391.9000	-20	-70.28	*
1565.8875	-20	-72.53	*
1739.8750	-20	-72.12	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.
 The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan
FCC Registration: 91932 / Industry Canada: IC3679

September 27, 2006

EXHIBIT 6H

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

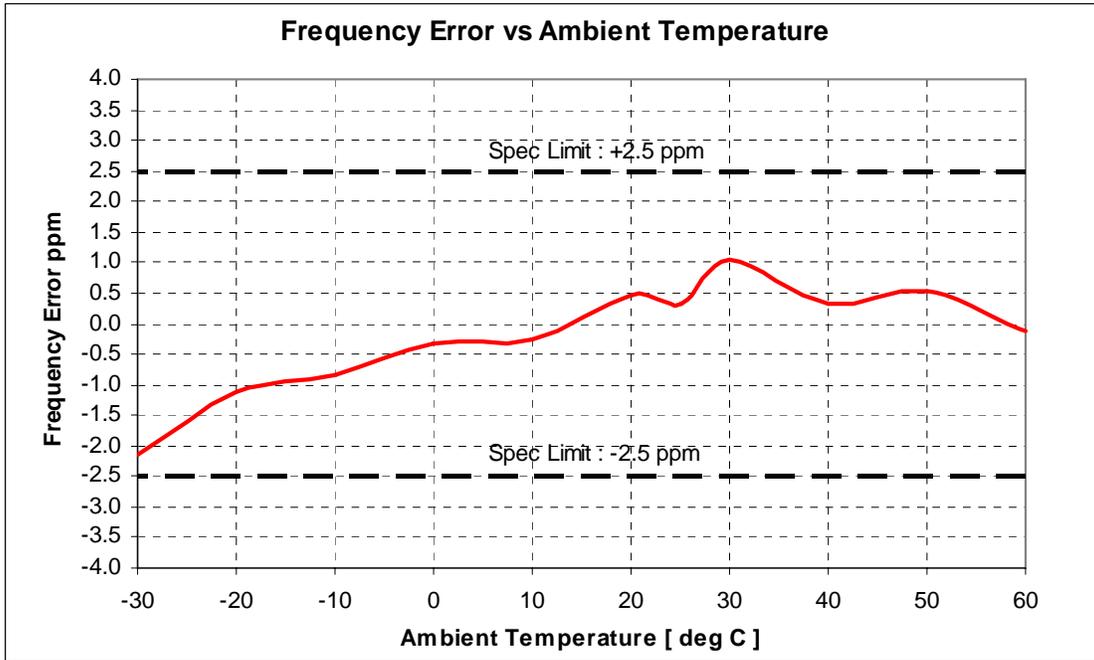


Figure 6H-1: Frequency Stability vs. Temperature

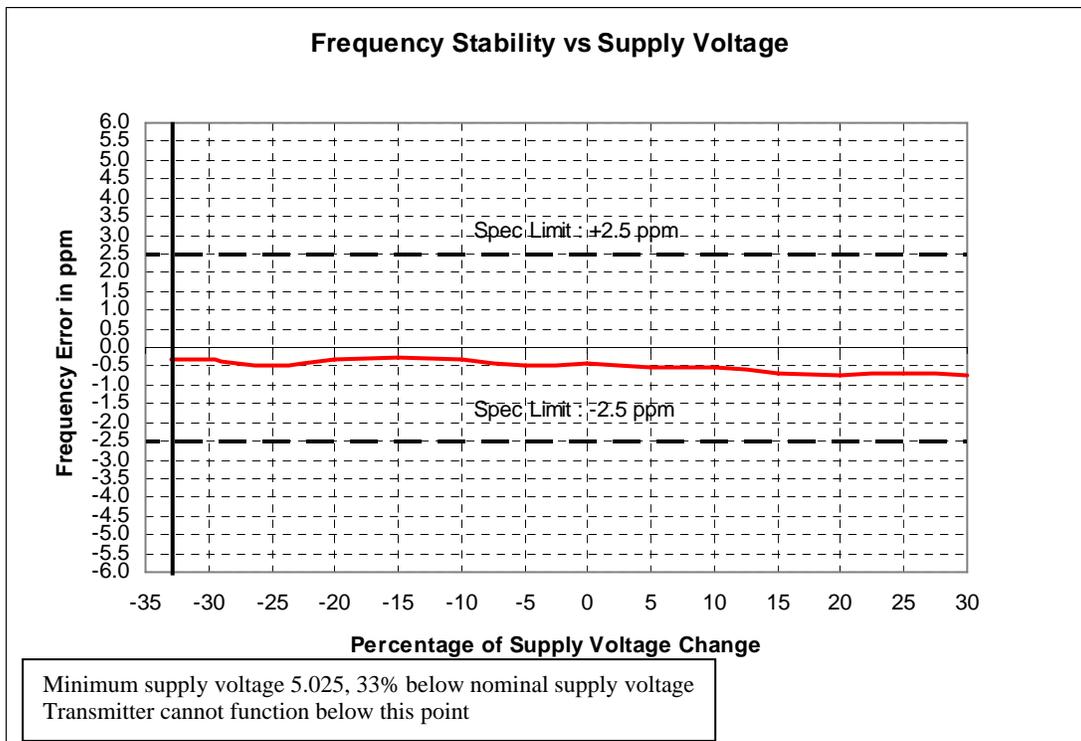


Figure 6H-2: Frequency Stability vs. Voltage

EXHIBIT 6I
Transient Frequency Behavior (FCC Rules Part 90.214)

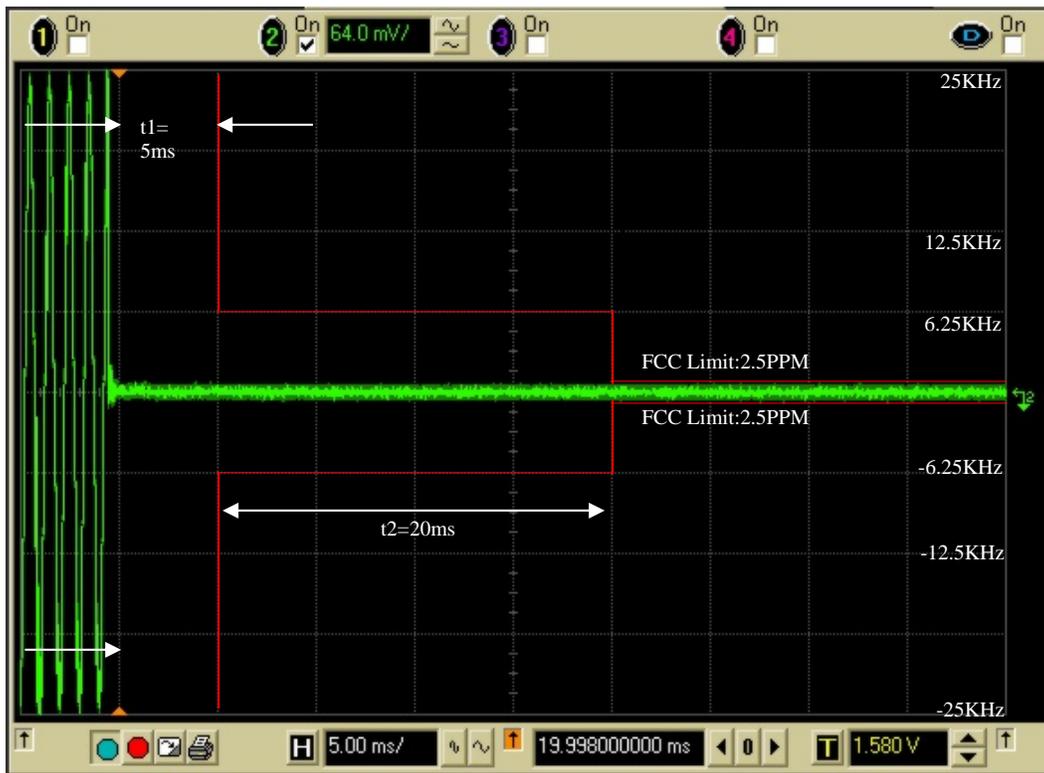


Figure 6I-1: 1 Watt, 12.5 kHz Key-Up Attack Time

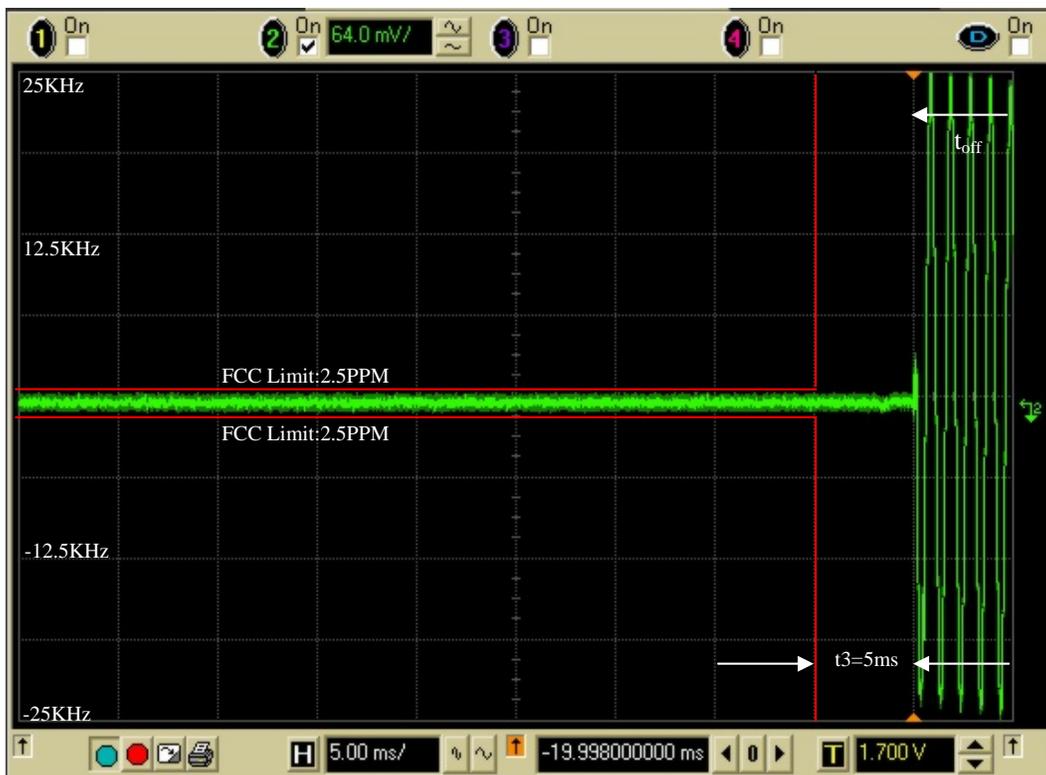
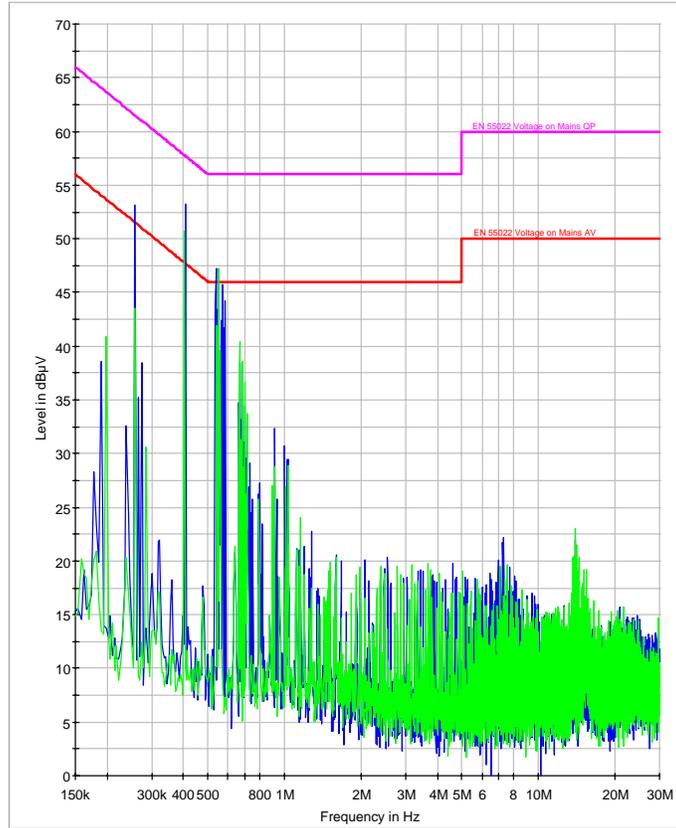


Figure 6I-2: 1 Watt, 12.5 kHz De-Key Decay Time

EXHIBIT 6J

Power Line Conducted Spurious Emissions - Pursuant to FCC Rules Part 15.107

EMI Conducted Scan latest FCC Peak det - 3810 LISN
 Auto Merge Results N (Green) L1 (Blue) CSA Waris VHF (136-174 MHz) Radio is OFF



Result Table Single CSA Waris VHF (136-174 MHz) Radio is OFF

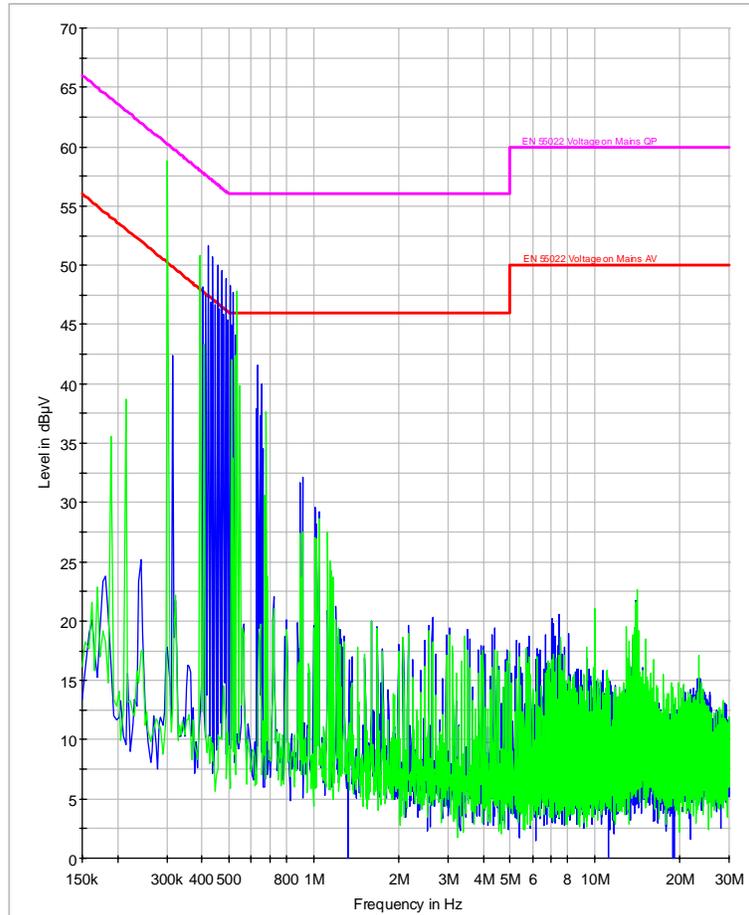
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.198000	55.1	25.6	9000.000	GND	L1
0.258000	54.4	25.2	9000.000	GND	L1
0.406000	45.5	14.8	9000.000	GND	L1
0.538000	39.9	11.5	9000.000	GND	L1
0.666000	31.4	6.1	9000.000	GND	L1
0.918000	24.3	3.2	9000.000	GND	L1
0.198000	54.6	25.6	9000.000	GND	N
0.258000	54.0	24.6	9000.000	GND	N
0.406000	44.5	14.7	9000.000	GND	N
0.538000	39.8	10.8	9000.000	GND	N
0.666000	31.6	5.8	9000.000	GND	N
0.918000	20.1	2.7	9000.000	GND	N

Limits CSA Waris VHF (136-174 MHz) Radio is OFF

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin
<= 500kHz						
198000	55.10	64.62	9.52	25.60	54.62	29.02
258000	54.40	62.90	8.50	25.20	52.90	27.70
406000	45.50	58.64	13.14	14.80	48.64	33.84
538000	39.90	56.00	16.10	11.50	46.00	34.50
666000	31.40	56.00	24.60	6.10	46.00	39.90
918000	24.30	56.00	31.70	3.20	46.00	42.80
198000	54.60	64.62	10.02	25.60	54.62	29.02
258000	54.00	62.90	8.90	24.60	52.90	28.30
406000	44.50	58.64	14.14	14.70	48.64	33.94
538000	39.80	56.00	16.20	10.80	46.00	35.20
666000	31.60	56.00	24.40	5.80	46.00	40.20
918000	20.10	56.00	35.90	2.70	46.00	43.30

Figure 6J-1: Radio off Line/Neutral

EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N (Green) L1 (Blue) CSA Waris VHF (136-174 MHz) Radio – RX – 153.0125 MHz



Result Table_Single
CSA Waris VHF (136-174 MHz) Radio – RX – 153.0125 MHz

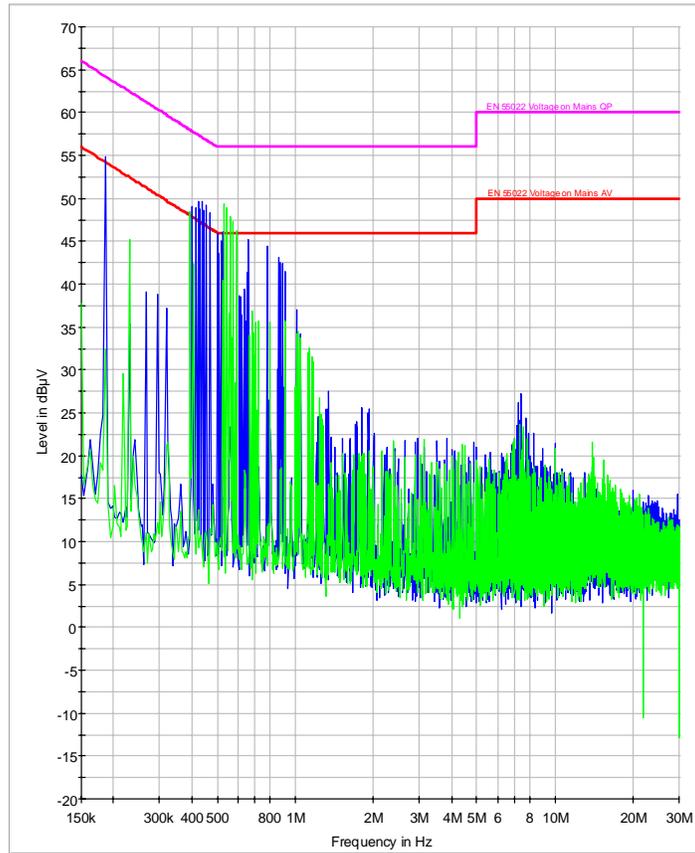
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.302000	54.3	26.1	9000.000	GND	L1
0.394000	46.1	15.5	9000.000	GND	L1
0.422000	44.3	16.4	9000.000	GND	L1
0.454000	42.7	12.9	9000.000	GND	L1
0.502000	41.3	12.1	9000.000	GND	L1
0.534000	40.0	10.8	9000.000	GND	L1
0.302000	53.5	24.8	9000.000	GND	N
0.394000	45.4	15.5	9000.000	GND	N
0.422000	43.4	14.2	9000.000	GND	N
0.454000	42.5	13.1	9000.000	GND	N
0.502000	41.4	11.8	9000.000	GND	N
0.534000	40.3	10.8	9000.000	GND	N

Limits CSA Waris VHF (136-174 MHz) Radio – RX – 153.0125 MHz

Frequency	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
302000	54.30	61.63	7.33	26.10	51.63	25.53	L1
394000	46.10	58.99	12.89	15.50	48.99	33.49	L1
422000	44.30	58.18	13.88	16.40	48.18	31.78	L1
454000	42.70	57.26	14.56	12.90	47.26	34.36	L1
502000	53.50	61.63	8.13	24.80	51.63	26.83	N
394000	45.40	58.99	13.59	15.50	48.99	33.49	N
422000	43.40	58.18	14.78	14.20	48.18	33.98	N
454000	42.50	57.26	14.76	13.10	47.26	34.16	N
500kHz - 5MHz							
502000	41.30	56.00	14.70	12.10	46.00	33.90	L1
534000	40.00	56.00	16.00	10.80	46.00	35.20	L1
502000	41.40	56.00	14.60	11.80	46.00	34.20	N
534000	40.30	56.00	15.70	10.80	46.00	35.20	N

Figure 6J-2: Radio On, Rx Line/Neutral

EMI Conducted Scan latest FCC Peak det - 3810 LISN
Auto Merge Results N (Green) L1 (Blue) CSA Waris VHF (136-174 MHz) Radio – TX – 153.0125 MHz



Result Table Single
CSA Waris VHF (136-174 MHz) Radio – TX – 153.0125 MHz

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.186000	58.0	28.4	9000.000	GND	L1
0.402000	44.1	21.9	9000.000	GND	L1
0.438000	43.5	13.8	9000.000	GND	L1
0.470000	42.8	13.5	9000.000	GND	L1
0.546000	37.7	9.6	9000.000	GND	L1
0.578000	34.6	7.0	9000.000	GND	L1
0.186000	57.8	28.4	9000.000	GND	N
0.402000	44.1	20.4	9000.000	GND	N
0.438000	43.9	13.4	9000.000	GND	N
0.470000	43.4	12.9	9000.000	GND	N
0.546000	40.7	9.6	9000.000	GND	N
0.578000	38.5	9.0	9000.000	GND	N

Limits CSA Waris VHF (136-174 MHz) Radio – TX – 153.0125 MHz

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
186000	58.00	64.97	6.97	28.40	54.97	26.57	L1
402000	44.10	58.76	14.66	21.90	48.76	26.86	L1
438000	43.50	57.72	14.22	13.80	47.72	33.92	L1
470000	42.80	56.80	14.00	13.50	46.80	33.30	L1
186000	57.80	64.97	7.17	28.40	54.97	26.57	N
402000	44.10	58.76	14.66	20.40	48.76	28.36	N
438000	43.90	57.72	13.82	13.40	47.72	34.32	N
470000	43.40	56.80	13.40	12.90	46.80	33.90	N
500kHz - 5MHz							
546000	37.70	56.00	18.30	9.60	46.00	36.40	L1
578000	34.60	56.00	21.40	7.00	46.00	39.00	L1
546000	40.70	56.00	15.30	9.60	46.00	36.40	N
578000	38.50	56.00	17.50	9.00	46.00	37.00	N

Figure 6J-3: Radio on Tx Line/Neutral