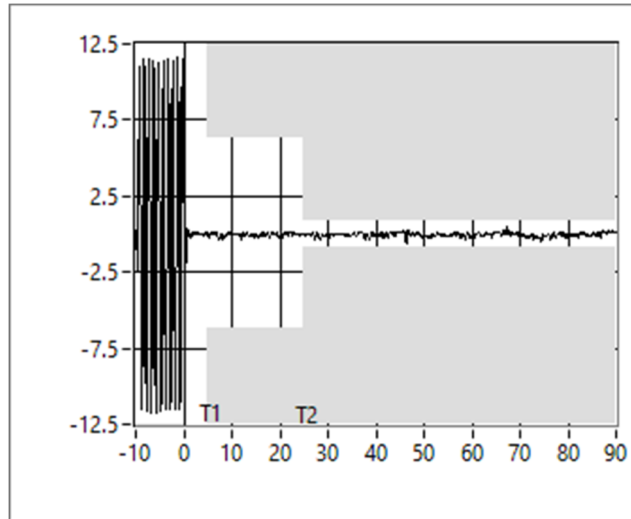
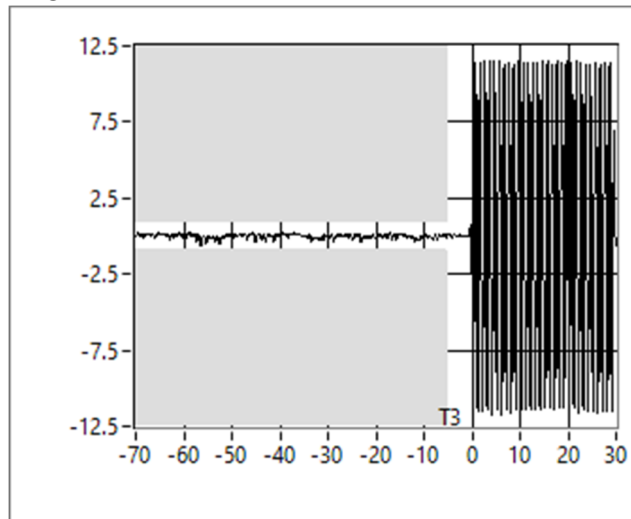


173.975 MHz Switch On



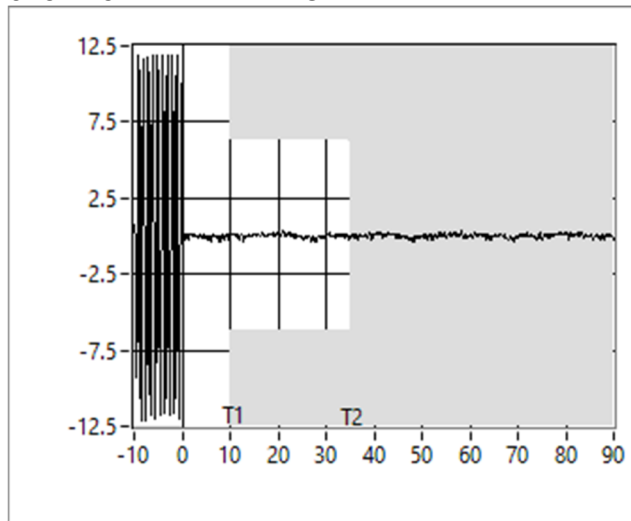
TARF 4402
173.975000MHz 50Watts 12.50kHz Channel spacing

173.975 MHz Switch Off



TARF 4402
173.975000MHz 50Watts 12.50kHz Channel spacing

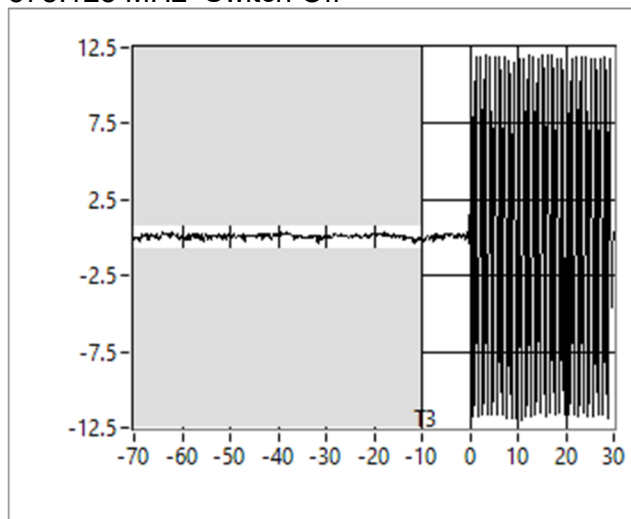
378.125 MHz Switch On



TARF 4402

378.125000MHz 40Watts 12.50kHz Channel spacing

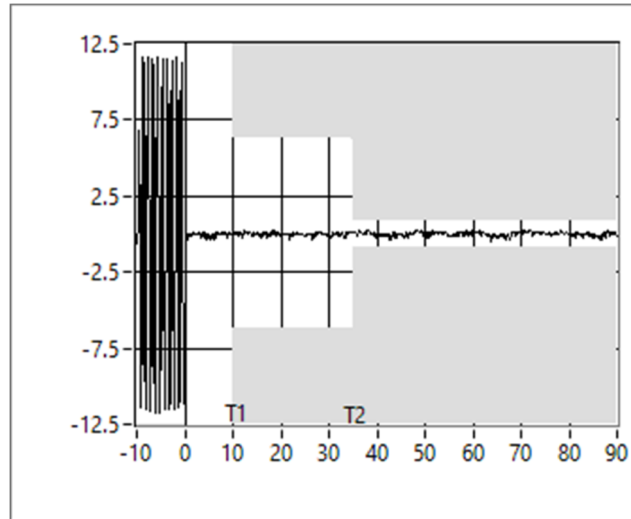
378.125 MHz Switch Off



TARF 4402

378.125000MHz 40Watts 12.50kHz Channel spacing

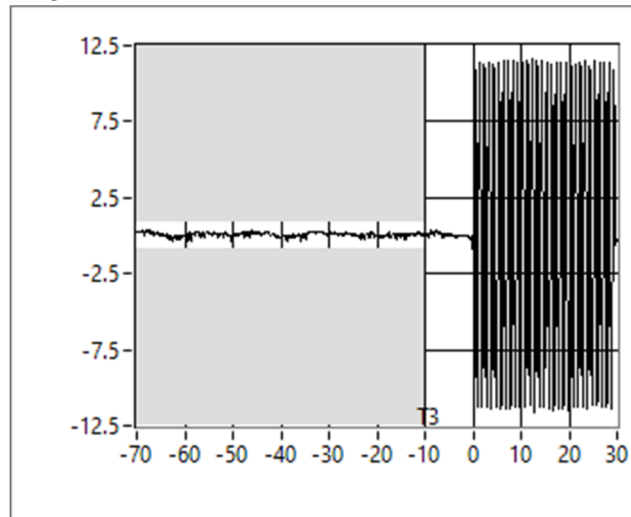
406.125 MHz Switch On



TARF 4402

406.125000MHz 40Watts 12.50kHz Channel spacing

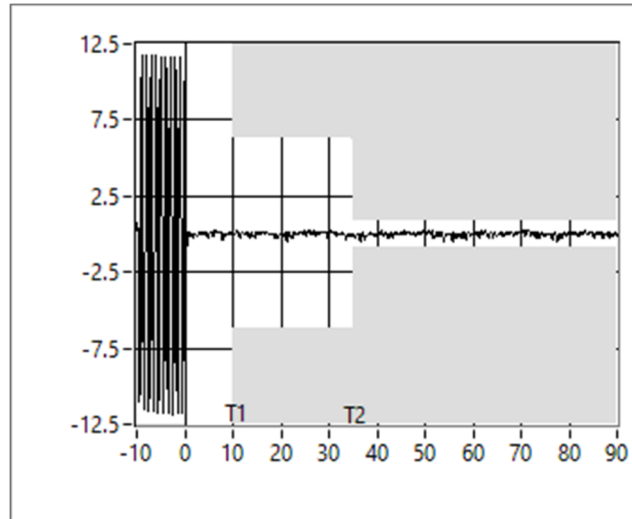
406.125 MHz Switch Off



TARF 4402

406.125000MHz 40Watts 12.50kHz Channel spacing

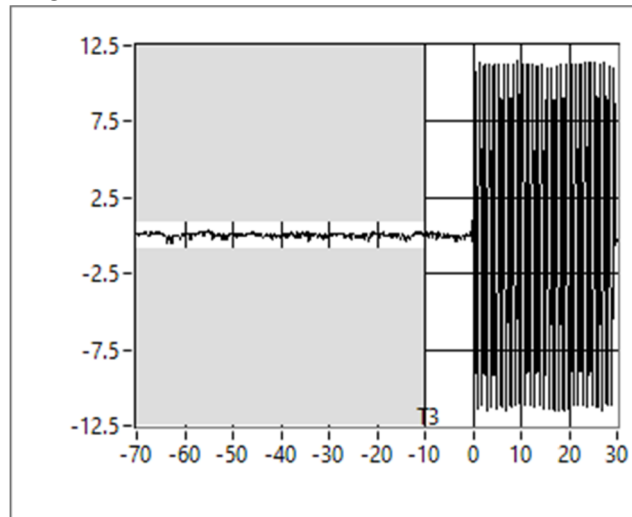
418.025 MHz Switch On



TARF 4402

418.025000MHz 40Watts 12.50kHz Channel spacing

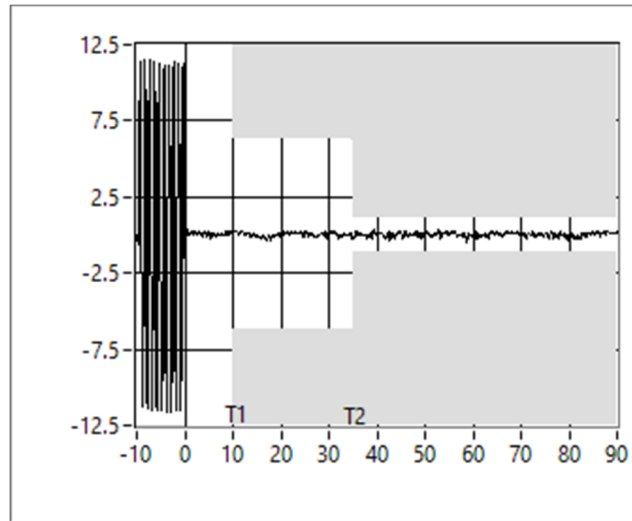
418.025 MHz Switch Off



TARF 4402

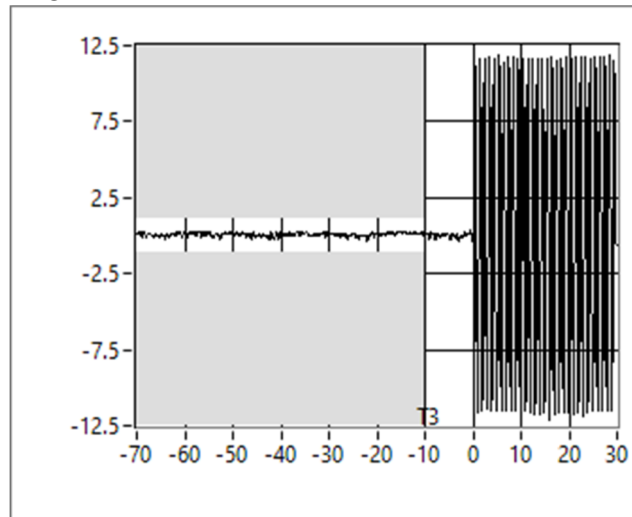
418.025000MHz 40Watts 12.50kHz Channel spacing

429.975 MHz Switch On



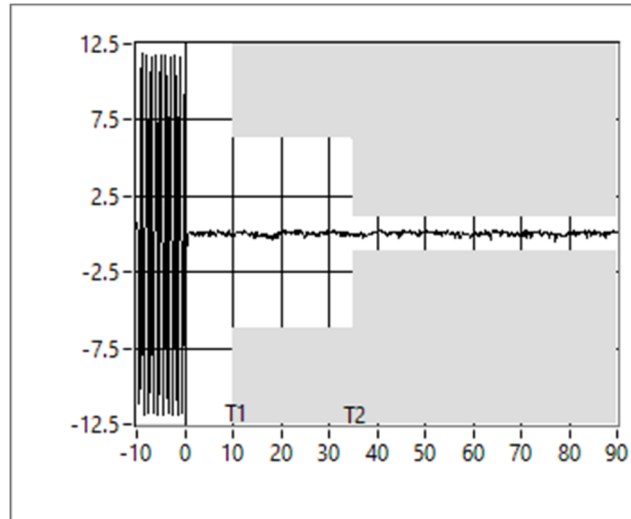
TARF 4402
429.975000MHz 40Watts 12.5kHz Channel spacing

429.975 MHz Switch Off



TARF 4402
429.975000MHz 40Watts 12.5kHz Channel spacing

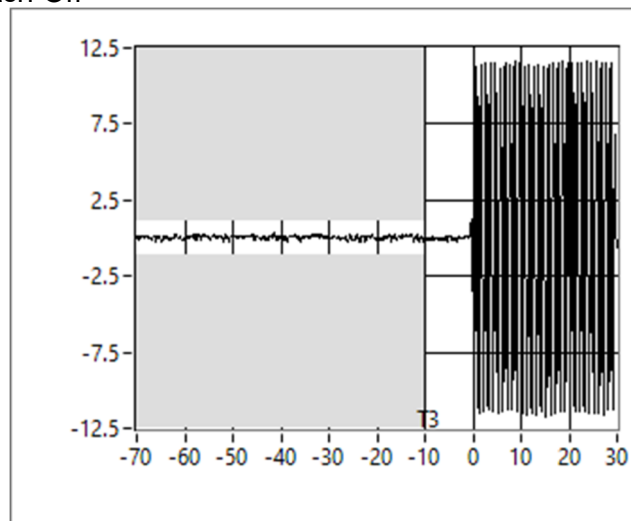
438.025 MHz Switch On



TARF 4402

438.025000MHz 40Watts 12.5kHz Channel spacing

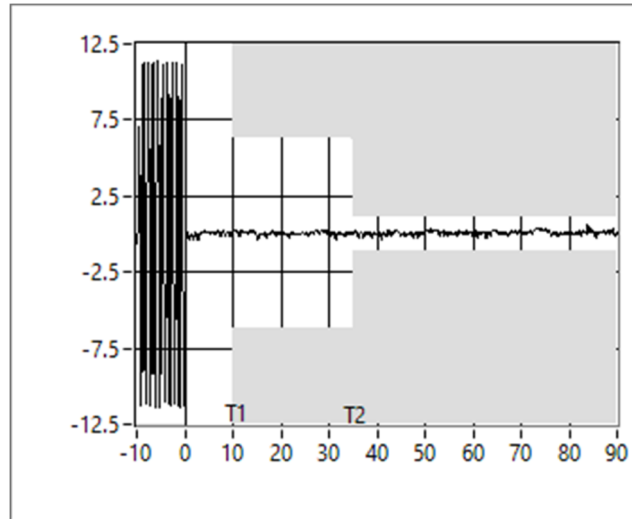
438.025 MHz Switch Off



TARF 4402

438.025000MHz 40Watts 12.5kHz Channel spacing

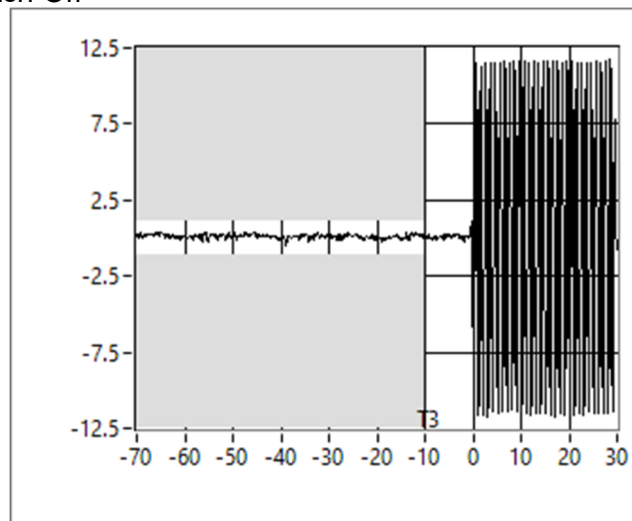
450.025 MHz Switch On



TARF 4402

450.025000MHz 40Watts 12.50kHz Channel spacing

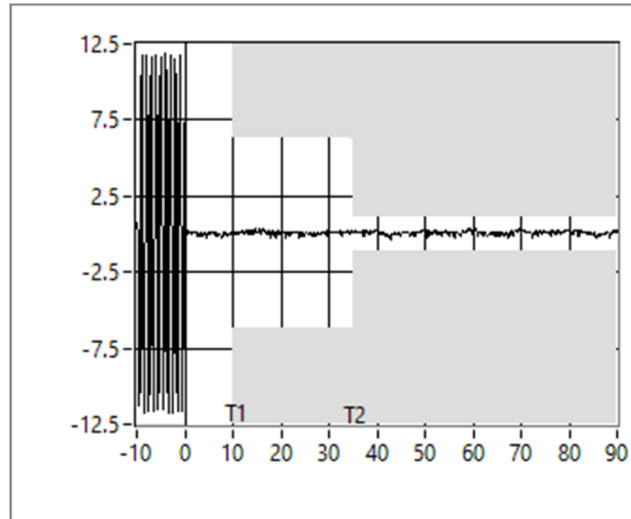
450.025 MHz Switch Off



TARF 4402

450.025000MHz 40Watts 12.50kHz Channel spacing

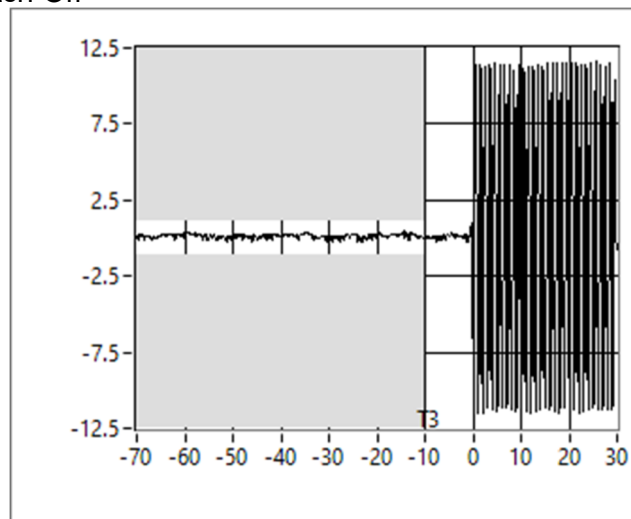
460.025 MHz Switch On



TARF 4402

460.025000MHz 40Watts 12.50kHz Channel spacing

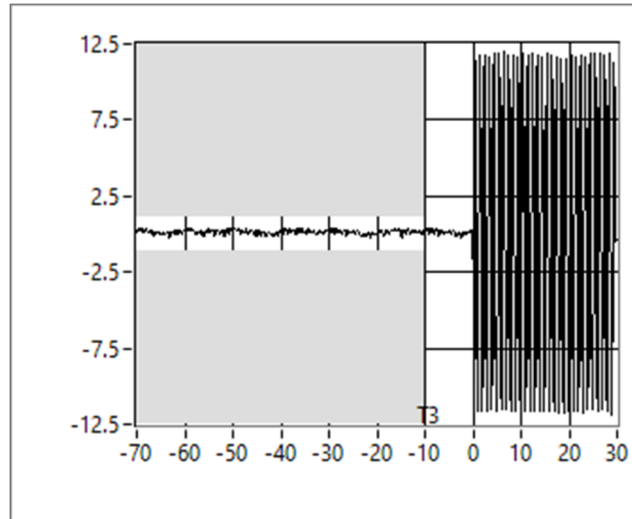
460.025 MHz Switch Off



TARF 4402

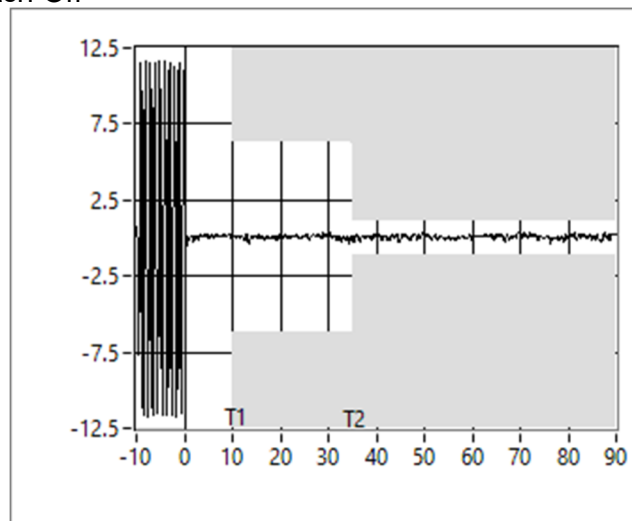
460.025000MHz 40Watts 12.50kHz Channel spacing

469.975 MHz Switch On



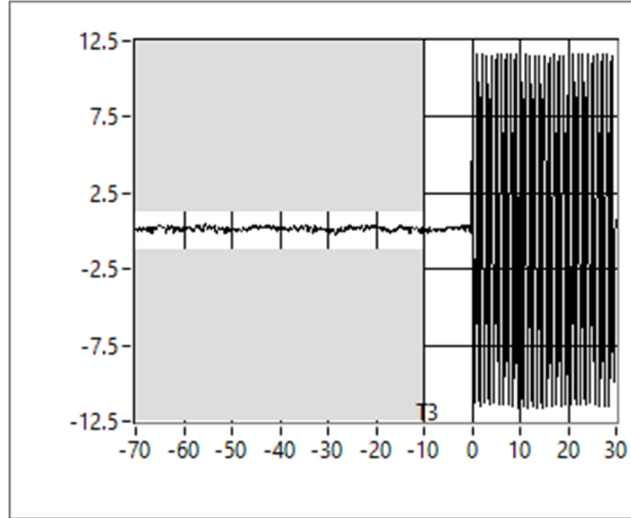
TARF 4402
469.975000MHz 40Watts 12.50kHz Channel spacing

469.975 MHz Switch Off



TARF 4402
469.975000MHz 40Watts 12.50kHz Channel spacing

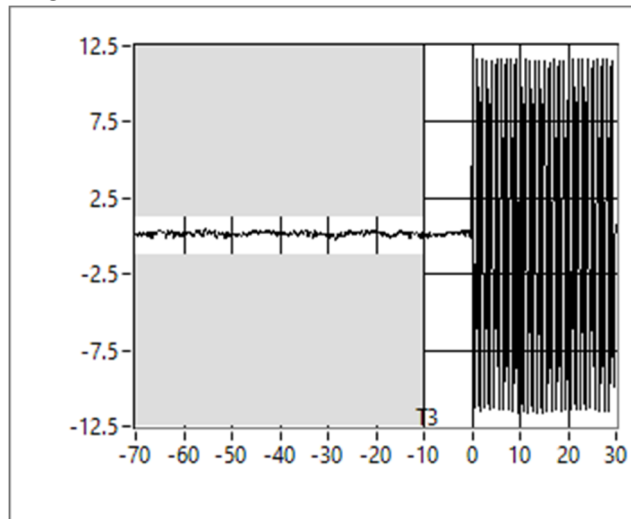
491.025 MHz Switch On



TARF 4402

491.025000MHz 40Watts 12.50kHz Channel spacing

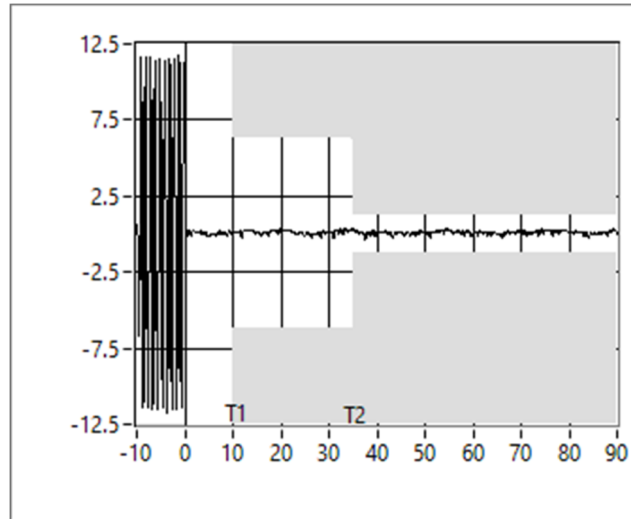
491.025 MHz Switch Off



TARF 4402

491.025000MHz 40Watts 12.50kHz Channel spacing

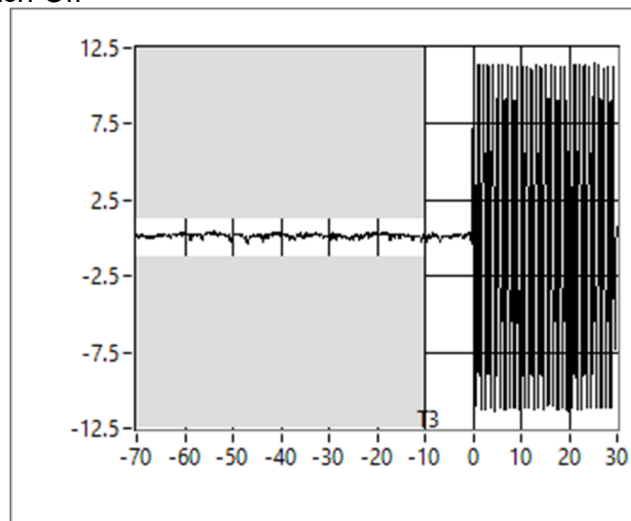
511.975 MHz Switch On



TARF 4402

511.975000MHz 40Watts 12.50kHz Channel spacing

511.975 MHz Switch Off



TARF 4402

511.975000MHz 40Watts 12.50kHz Channel spacing

TRANSMITTER FREQUENCY STABILITY - TEMPERATURE

SPECIFICATION: FCC 47 CFR 2.1055 (a) (1)

RSS-119 5.3

GUIDE: ANSI C63.26 5.6.4

MEASUREMENT PROCEDURE:

1. Refer Annex A for equipment set up.
2. The EUT was tested for frequency error from -30°C to $+50^{\circ}\text{C}$ in 10°C increments
3. The frequency error was recorded in parts per million (ppm).

MEASUREMENT UNCERTAINTY: $\pm 0.05\text{ppm}$

MEASUREMENT RESULTS:

See the plots on the following pages.

Temperature ($^{\circ}\text{C}$)	Error (ppm)							
	138.025 MHz	143.975 MHz	148.025 MHz	150.025 MHz	150.050 MHz	156.025 MHz	161.975 MHz	162.025 MHz
-30	-0.2	-0.19	-0.19	-0.16	-0.16	0.17	-0.12	-0.1
-20	-0.17	-0.16	-0.13	-0.11	-0.09	0.24	-0.09	-0.09
-10	-0.09	-0.08	-0.07	-0.07	-0.07	0.34	-0.07	-0.07
0	-0.1	-0.09	-0.08	-0.06	-0.05	0.42	-0.01	-0.01
10	-0.04	-0.02	0	0.02	0.03	0.4	0.03	0.02
20	0.01	0.01	0.03	0.03	0.05	0.38	0.06	0.08
30	0.04	0.06	0.07	0.08	0.09	0.44	0.1	0.1
40	0.07	0.09	0.09	0.09	0.08	0.42	0.06	0.06
50	0.04	0.03	0.01	-0.01	-0.03	0.37	-0.05	-0.05

Temperature ($^{\circ}\text{C}$)	Error (ppm)							
	173.975 MHz	378.125 MHz	406.125 MHz	418.025 MHz	429.975 MHz	438.025 MHz	450.025 MHz	460.025 MHz
-30	-0.11	-0.14	-0.13	-0.1	-0.07	-0.05	-0.04	-0.05
-20	-0.09	-0.13	-0.08	-0.05	-0.04	-0.04	-0.04	-0.05
-10	-0.07	-0.07	-0.05	-0.05	-0.04	-0.02	0	0.01
0	0.01	-0.07	-0.04	-0.01	0.03	0.06	0.07	0.07
10	0.02	-0.01	0.04	0.05	0.06	0.06	0.08	0.1
20	0.08	0.02	0.04	0.07	0.1	0.11	0.13	0.13
30	0.11	0.05	0.09	0.11	0.14	0.14	0.13	0.1
40	0.03	0.1	0.12	0.09	0.06	0.03	0.01	-0.02
50	-0.05	0.04	0	-0.03	-0.03	-0.01	0.03	0.06

Transmitter Frequency Stability - Temperature

Temperature (°C)	Error (ppm)							
	469.975 MHz	491.025 MHz	511.975 MHz	757.500 MHz	768.025 MHz	769.075 MHz	774.900 MHz	775.975 MHz
-30	-0.05	-0.05	-0.05	-0.13	-0.15	-0.13	-0.11	-0.07
-20	-0.04	-0.04	-0.04	-0.14	-0.08	-0.06	-0.06	-0.06
-10	0.03	0.04	0.04	-0.1	-0.1	-0.08	-0.19	-0.03
0	0.06	0.07	0.05	-0.07	-0.02	0.04	0.11	0.05
10	0.1	0.11	0.1	-0.03	0.02	0.01	-0.08	0.03
20	0.14	0.14	0.14	0.03	0.07	0.11	0.15	0.13
30	0.09	0.07	0.06	0.03	0.07	0.08	0.03	0.1
40	-0.02	-0.02	-0.02	0.1	0.11	0.08	0.14	0.02
50	0.08	0.1	0.1	-0.01	-0.04	-0.08	-0.12	-0.04

Temperature (°C)	Error (ppm)								
	798.02 5 MHz	799.07 5 MHz	804.90 0 MHz	805.97 5 MHz	806.02 5 MHz	815.02 5 MHz	823.97 5 MHz	851.02 5 MHz	860.02 5 MHz
-30	-0.08	-0.09	-0.08	-0.08	-0.14	-0.13	-0.09	-0.06	-0.05
-20	-0.08	-0.08	-0.07	-0.07	-0.12	-0.08	-0.06	-0.03	-0.04
-10	-0.02	0	0.01	0.02	-0.03	-0.03	-0.02	-0.01	-0.01
0	0.05	0.05	0.03	0.03	-0.03	-0.01	0.02	0.04	0.06
10	0.05	0.06	0.08	0.08	0.03	0.05	0.09	0.07	0.07
20	0.12	0.1	0.12	0.11	0.05	0.07	0.07	0.08	0.09
30	0.08	0.04	0.05	0.02	0.07	0.09	0.11	0.12	0.13
40	-0.01	-0.02	-0.01	-0.02	0.09	0.11	0.11	0.08	0.06
50	0	0.05	0.06	0.06	0.03	0	-0.02	-0.05	-0.03

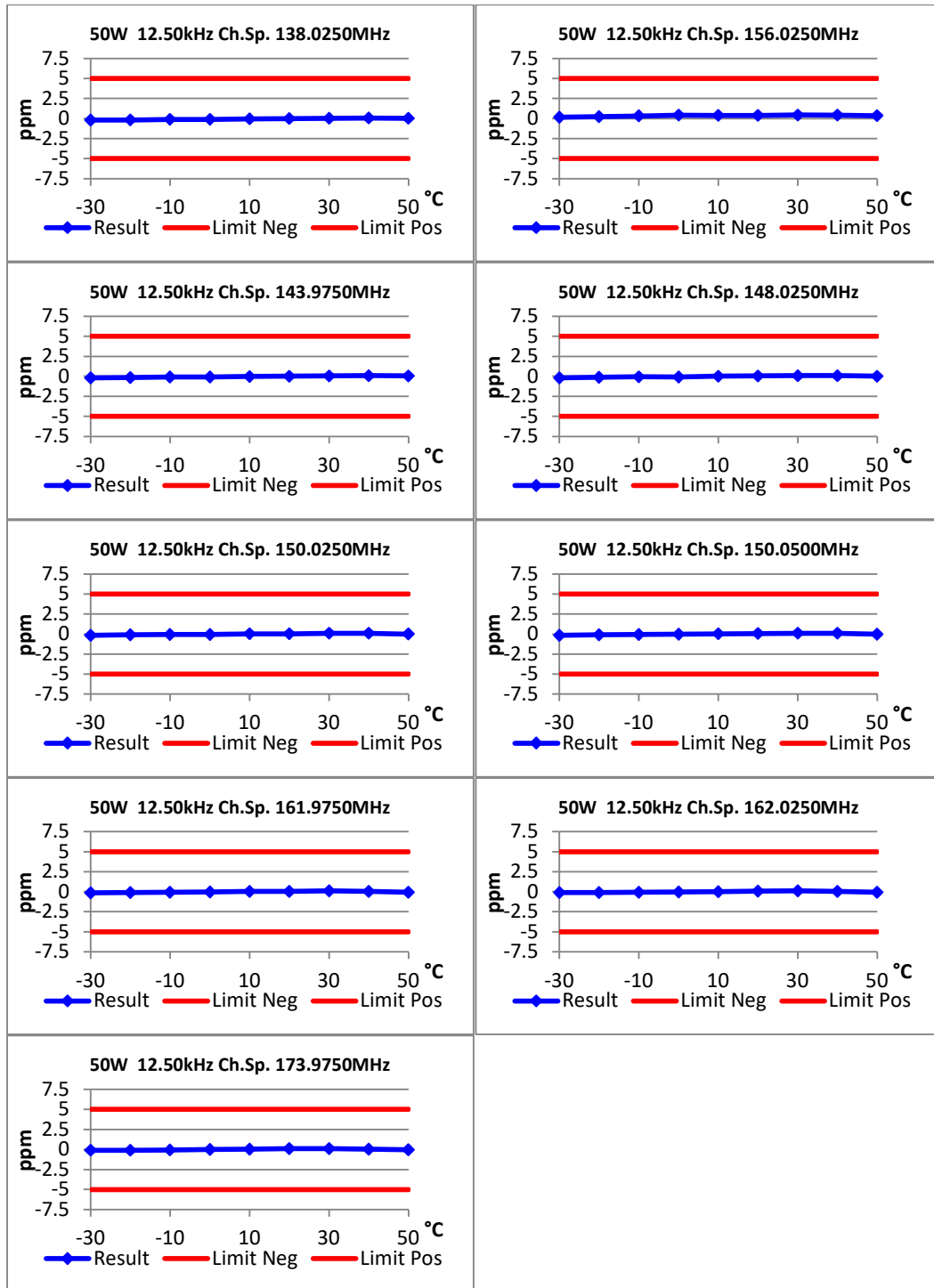
Temperature (°C)	Error (ppm)								
	868.97 5 MHz	896.02 5 MHz	900.97 5 MHz	902.02 5 MHz	915.02 5 MHz	928.02 5 MHz	931.52 5 MHz	935.02 5 MHz	939.87 5 MHz
-30	-0.05	-0.13	-0.13	-0.12	-0.1	-0.09	-0.07	-0.08	-0.05
-20	-0.06	-0.11	-0.07	-0.05	-0.03	-0.03	-0.03	0.01	-0.01
-10	0.01	-0.04	-0.04	-0.04	-0.06	-0.05	-0.04	-0.05	-0.03
0	0.08	-0.06	-0.03	-0.01	0	0.02	0.04	0.1	0.07
10	0.07	0.05	0.09	0.08	0.11	0.11	0.08	0.08	0.08
20	0.09	0.05	0.06	0.06	0.07	0.09	0.07	0.09	0.1
30	0.11	0.09	0.09	0.1	0.1	0.13	0.11	0.1	0.13
40	0.03	0.11	0.11	0.12	0.07	0.08	0.07	0.04	0.02
50	-0.06	0.07	0.03	0.01	0.01	0	0	0.04	0.03

Transmitter Frequency Stability - Temperature

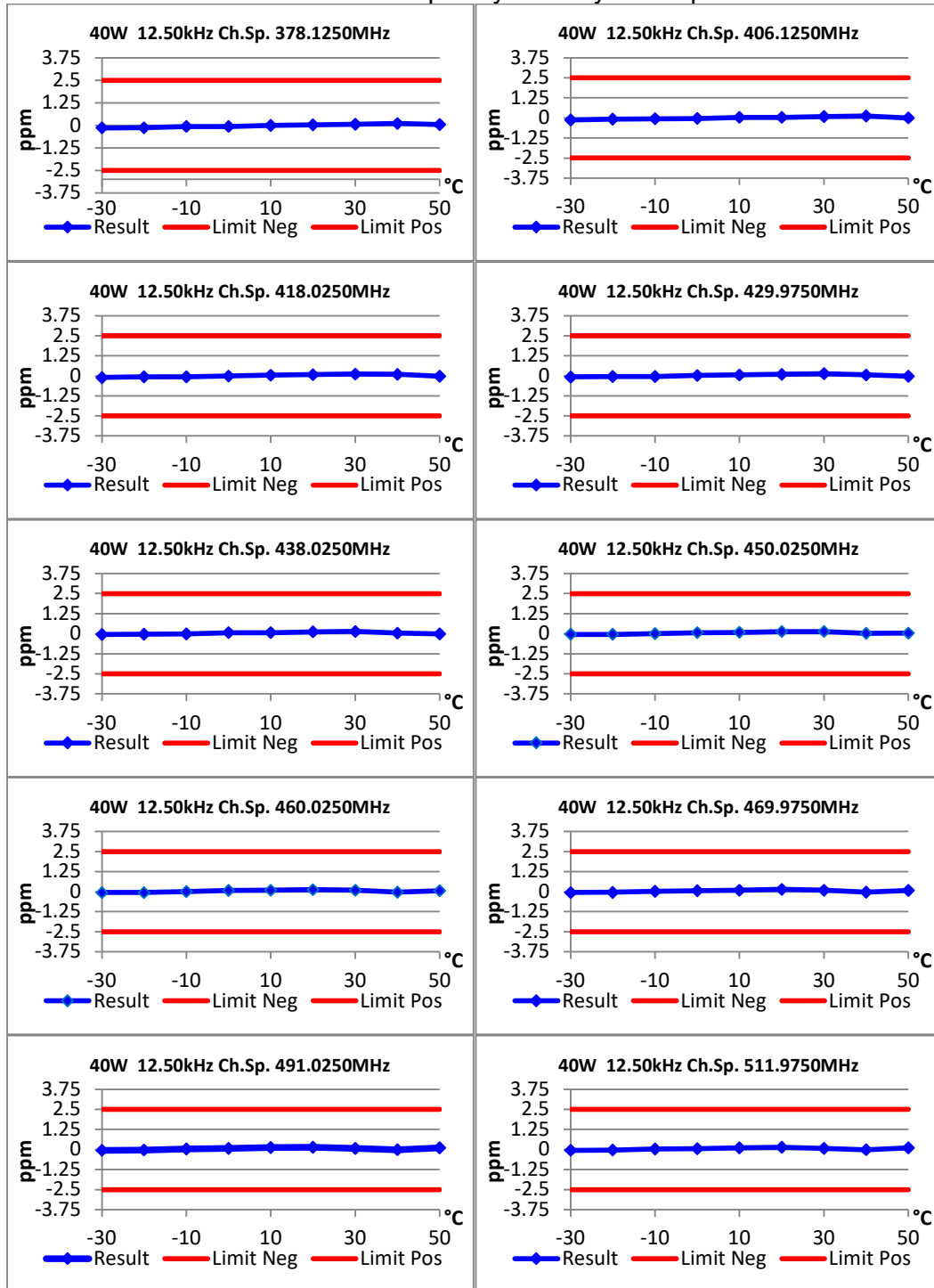
LIMIT:

Frequency (MHz)	Frequency Error (ppm)	
	FCC 47 CFR 90.213	RSS-119 5.3
138-174		5.0
150-174	5.0	
406.1-430 & 450-470		2.5
421-512	2.5	
768-776 & 798-806		1.5
806-821/851-866 & 821-824/866-869		1.5
806-809	1.5	
809-824	2.5	
851-854	1.5	
854-869	2.5	
896-901/935-940		1.5
928-929/952-953 & 932- 932.5/941-941.5		3
896-901	1.5	
902-928	2.5	
935-940	1.5	

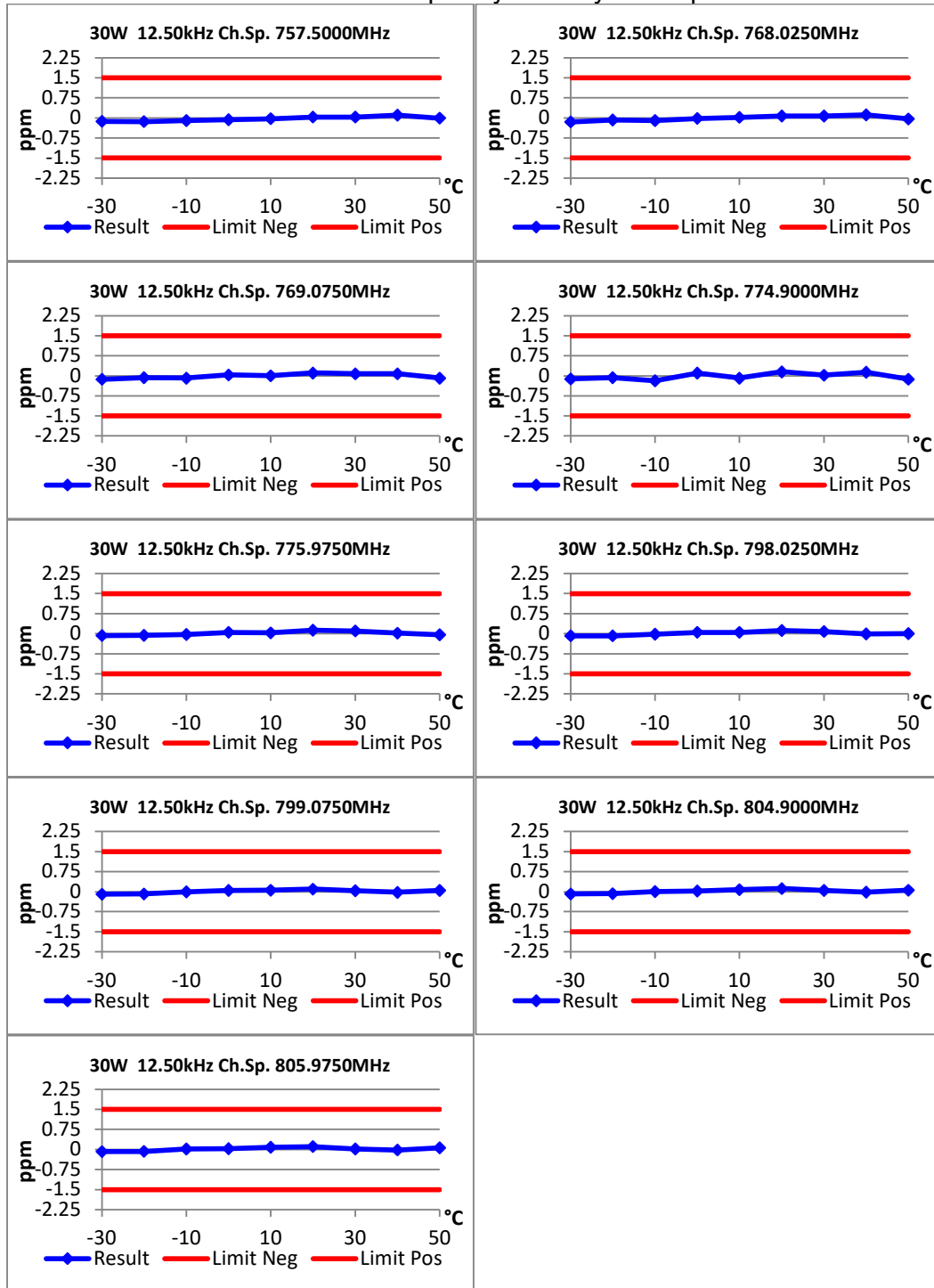
Transmitter Frequency Stability – Temperature



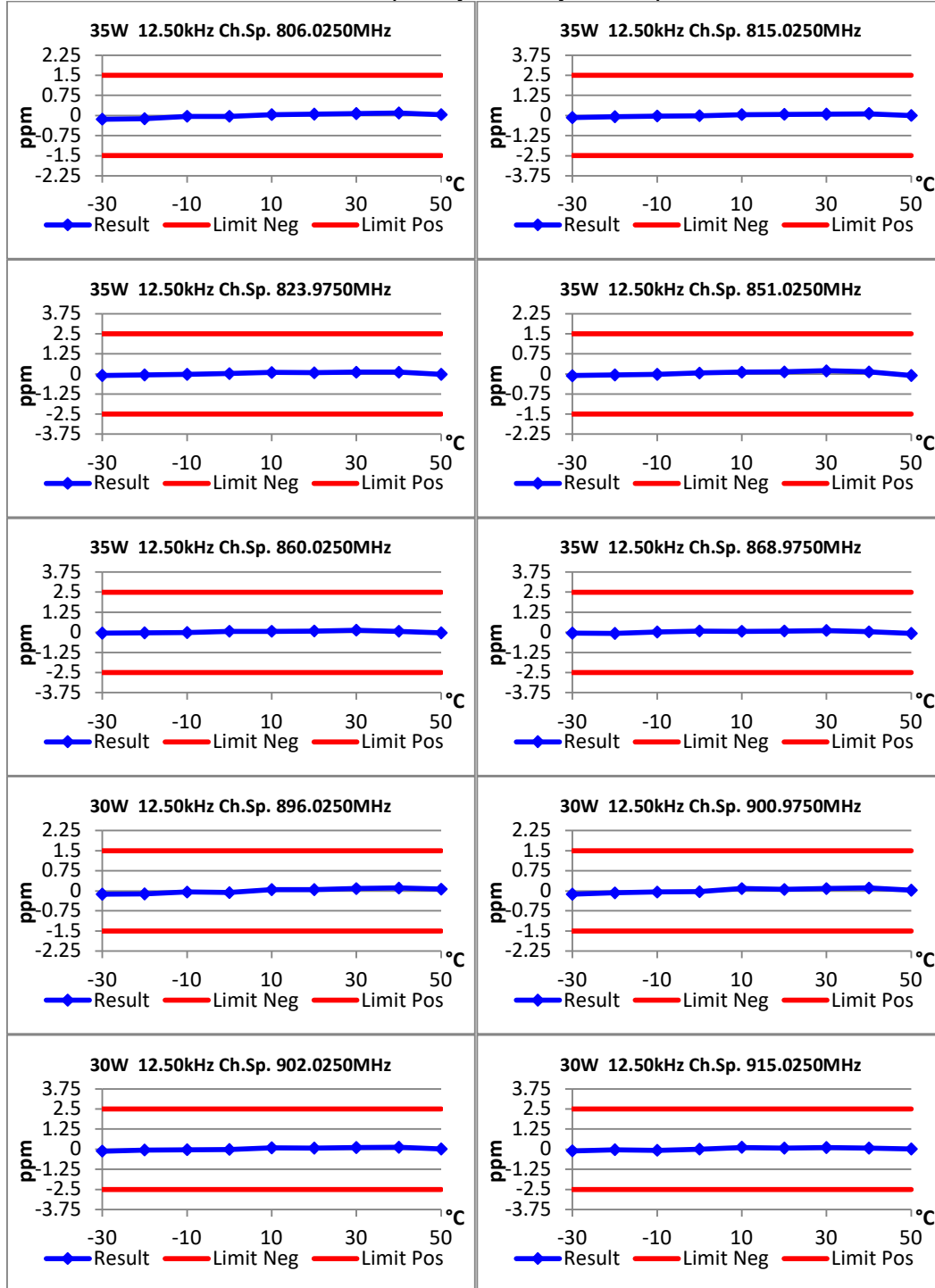
Transmitter Frequency Stability – Temperature

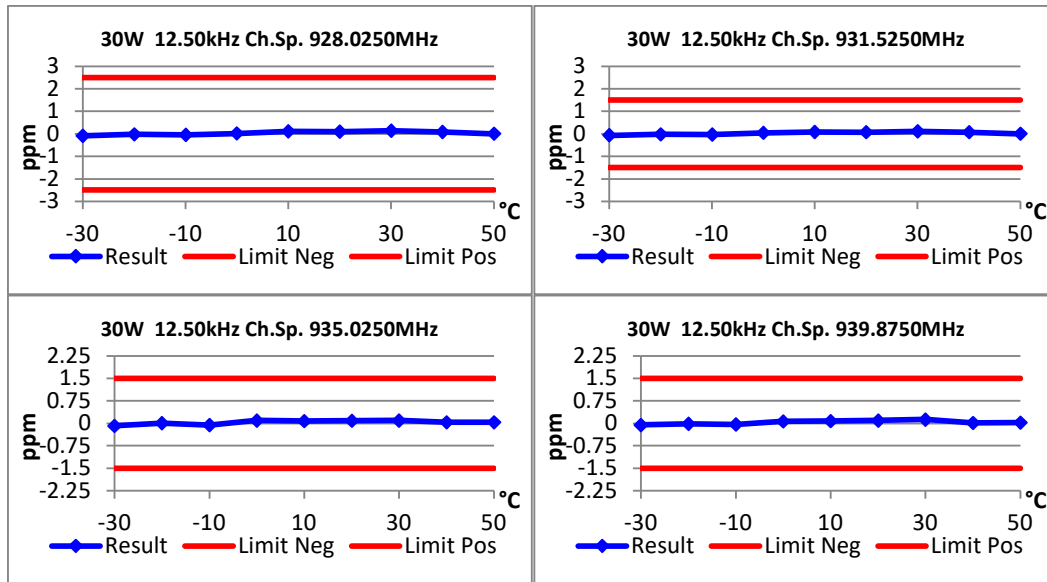


Transmitter Frequency Stability – Temperature



Transmitter Frequency Stability – Temperature





LIMIT:

Frequency (MHz)	Frequency Error (ppm)	
	FCC 47 CFR 90.213	RSS-119 5.3
138-174		5.0
150-174	5.0	
406.1-430 & 450-470		2.5
421-512	2.5	
768-776 & 798-806		1.5
806-821/851-866 & 821-824/866-869		1.5
806-809	1.5	
809-824	2.5	
851-854	1.5	
854-869	2.5	
896-901/935-940		1.5
928-929/952-953 & 932-932.5/941-941.5		3
896-901	1.5	
902-928	2.5	
935-940	1.5	

TRANSMITTER FREQUENCY STABILITY - VOLTAGE

SPECIFICATION: FCC 47 CFR 2.1055 (d) (1)

RSS-119 5.3

GUIDE: ANSI C63.26 5.6.5

MEASUREMENT PROCEDURE:

1. Refer Annex A for equipment set up.
2. The EUT was tested for frequency error at an input voltage to the radio of 85% to 115%.
3. The frequency error was recorded in parts per million (ppm).

MEASUREMENT UNCERTAINTY: $\pm 0.05\text{ppm}$

MEASUREMENT RESULTS:

	FREQUENCY ERROR (ppm) for 12.5 kHz		
	13.8 V _{DC}	11.73 V _{DC}	15.87 V _{DC}
138.025 MHz	0.09	0.10	0.12
143.975 MHz	0.13	0.14	0.15
148.025 MHz	0.18	0.19	0.20
150.025 MHz	0.20	0.21	0.21
150.050 MHz	0.23	0.23	0.24
156.025 MHz	0.41	0.41	0.41
161.975 MHz	0.24	0.25	0.23
162.025 MHz	0.26	0.26	0.26
173.975 MHz	0.26	0.26	0.26
378.125 MHz	0.13	0.15	0.17
406.125 MHz	0.20	0.21	0.23
418.025 MHz	0.26	0.26	0.27
429.975 MHz	0.28	0.28	0.28
438.025 MHz	0.26	0.27	0.26
450.025 MHz	0.25	0.24	0.24
460.025 MHz	0.22	0.22	0.21
469.975 MHz	0.20	0.20	0.19
491.025 MHz	0.18	0.17	0.18
511.975 MHz	0.18	0.17	0.17
757.500 MHz	0.16	0.18	0.21
768.025 MHz	0.26	0.27	0.27
769.075 MHz	0.26	0.26	0.25
774.900 MHz	0.24	0.22	0.22
775.975 MHz	0.22	0.19	0.18
798.025 MHz	0.17	0.15	0.16
799.075 MHz	0.15	0.16	0.14
804.900 MHz	0.13	0.13	0.13

Transmitter Frequency Stability – Voltage

	FREQUENCY ERROR (ppm) for 12.5 kHz		
	13.8 V _{DC}	11.73 V _{DC}	15.87 V _{DC}
805.975 MHz	0.15	0.14	0.15
806.025 MHz	0.11	0.11	0.14
815.025 MHz	0.19	0.20	0.20
823.975 MHz	0.23	0.23	0.24
851.025 MHz	0.23	0.24	0.24
860.025 MHz	0.23	0.25	0.24
868.975 MHz	0.23	0.23	0.23
896.025 MHz	0.06	0.06	0.10
900.975 MHz	0.12	0.13	0.15
902.025 MHz	0.16	0.17	0.17
915.025 MHz	0.18	0.18	0.20
928.025 MHz	0.22	0.20	0.21
931.525 MHz	0.25	0.24	0.24
935.025 MHz	0.23	0.23	0.22
939.875 MHz	0.24	0.24	0.25

LIMIT CLAUSES: FCC 47 CFR 90.213 RSS-119 5.3

Frequency (MHz)	Frequency Error (ppm)	
	FCC 47 CFR 90.213	RSS-119 5.3
138-174		5.0
150-174	5.0	
406.1-430 & 450-470		2.5
421-512	2.5	
768-776 & 798-806		1.5
806-821/851-866 & 821-824/866-869		1.5
806-809	1.5	
809-824	2.5	
851-854	1.5	
854-869	2.5	
896-901/935-940		1.5
928-929/952-953 & 932-932.5/941-941.5		3
896-901	1.5	
902-928	2.5	
935-940	1.5	

RECEIVER SPURIOUS EMISSIONS (CONDUCTED)

SPECIFICATION: FCC 47CFR 15.111

RSS-Gen 7.4

GUIDE: TIA-603-E 2.1.2

MEASUREMENT PROCEDURE:

1. Refer Annex A for Equipment set up diagram.
2. The frequency range examined was from 30 MHz to 3 times highest tunable frequency.
3. Spurious emissions which were attenuated more than 20 dB below the limit were not recorded.
4. A scan is performed with a resolution bandwidth of 100 kHz and a video bandwidth of 300 kHz for frequencies up to 1 GHz, and a resolution bandwidth of 1 MHz and a video bandwidth of 3 MHz for frequencies above 1 GHz
5. For each frequency range the spectrum analyser was loaded with the appropriate calibration figures to compensate for the cables and attenuator losses allowing the emission levels to be read directly with no further calculation.
The calibrations are loaded as an overall reference level offset plus a set of correction factors for the required frequency band.

Spurious emissions which were attenuated by more than 20 dB below the limit were not recorded.

Example of attenuation correction: (dB)

E3561 6dB 150W KV457	5.77	
E5028 1m5 Blue	0.14	
E5015 3m Blue	0.34	
Total Attenuation @ 138 MHz	6.25	Sum of component attenuation (a)
Amplitude offset	7.97	(b)
Correction @ 138 MHz	-1.72	(a-b)

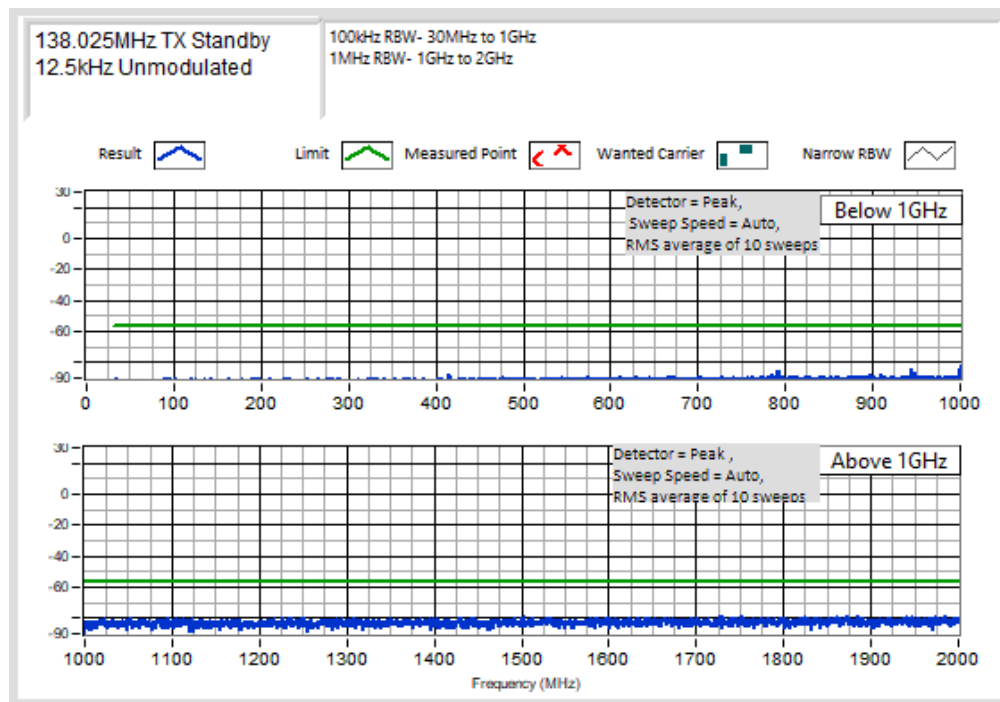
MEASUREMENT UNCERTAINTY: $\pm 2.8\text{dB}$

LIMIT CLAUSE: RSS-Gen 7.4

LIMIT	30 → 1000 MHz	2 nW	- 57 dBm
	> 1000 MHz	5 nW	- 53 dBm

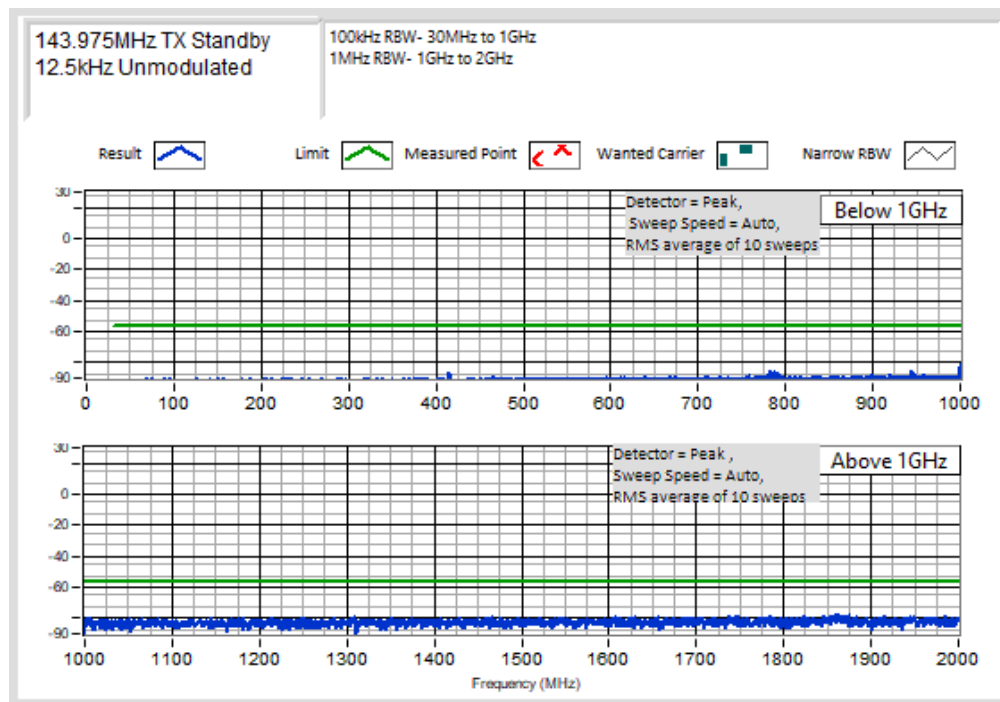
Receiver Spurious Emissions (Conducted) – Continued

138.025 MHz Transmit Standby / 138.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



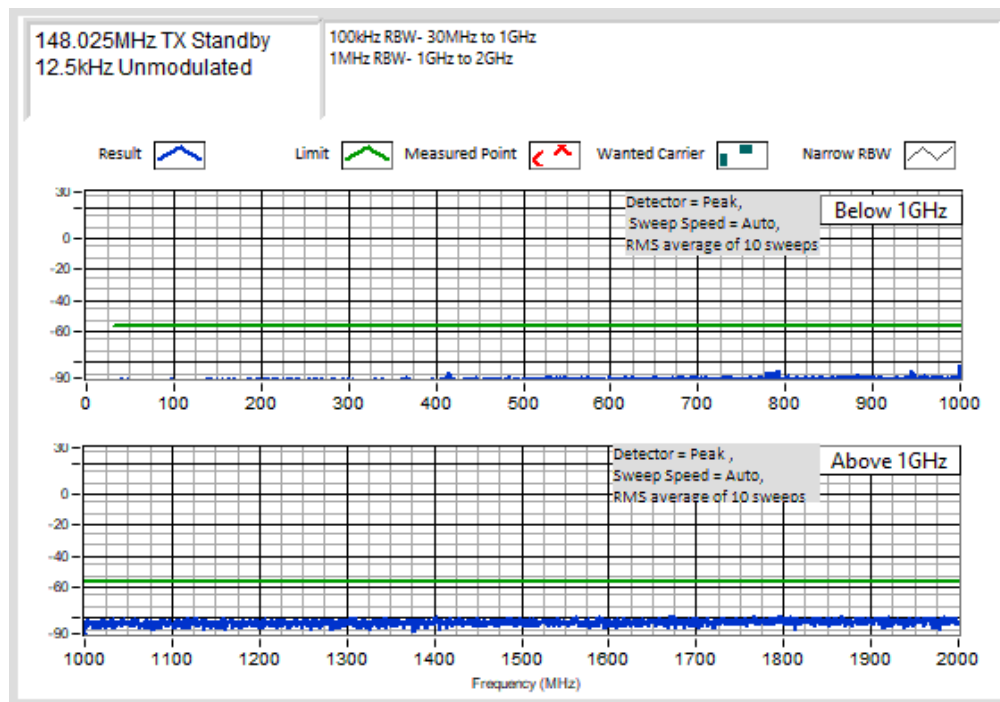
Receiver Spurious Emissions (Conducted) – Continued

143.975 MHz Transmit Standby / 143.950 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



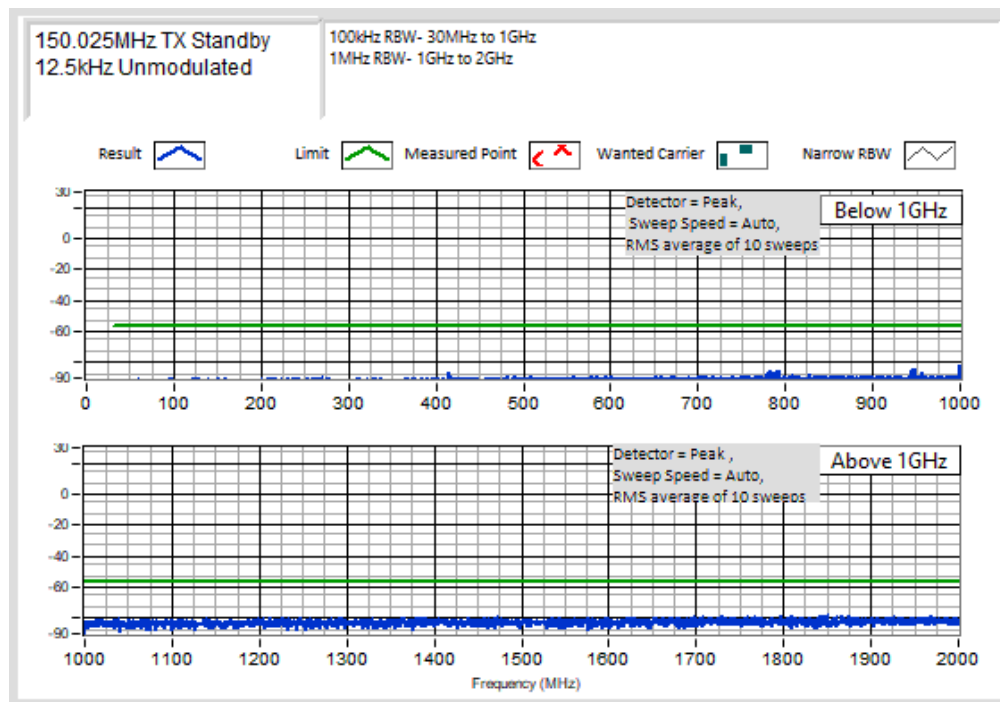
Receiver Spurious Emissions (Conducted) – Continued

148.025 MHz Transmit Standby / 148.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



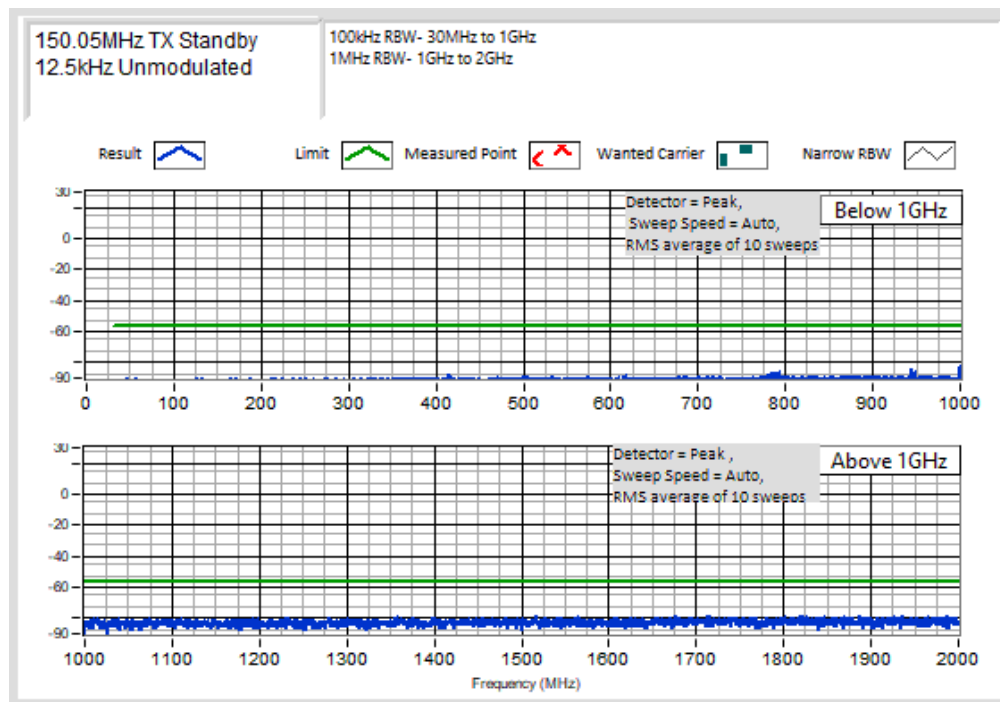
Receiver Spurious Emissions (Conducted) – Continued

150.025 MHz Transmit Standby / 150.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



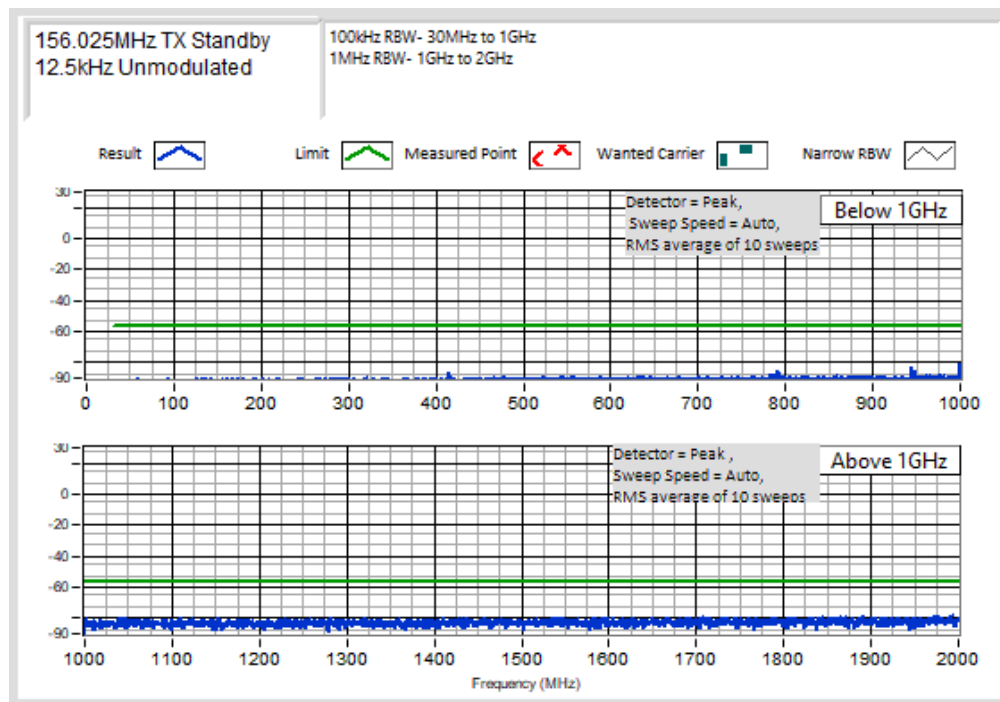
Receiver Spurious Emissions (Conducted) – Continued

150.050 MHz Transmit Standby / 150.075 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



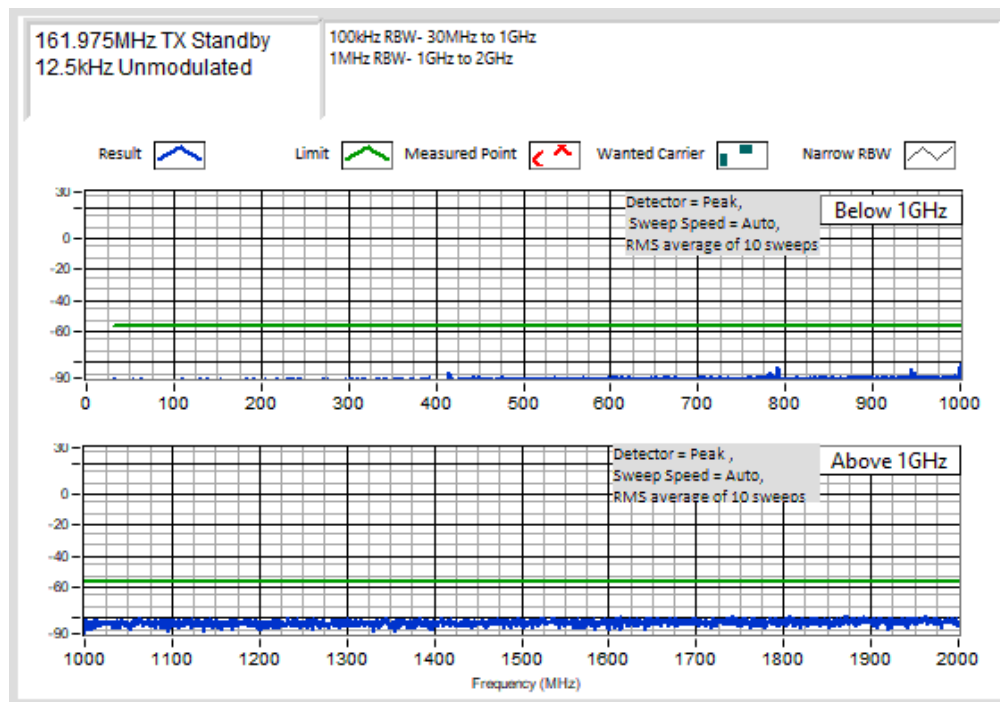
Receiver Spurious Emissions (Conducted) – Continued

156.025 MHz Transmit Standby / 156.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



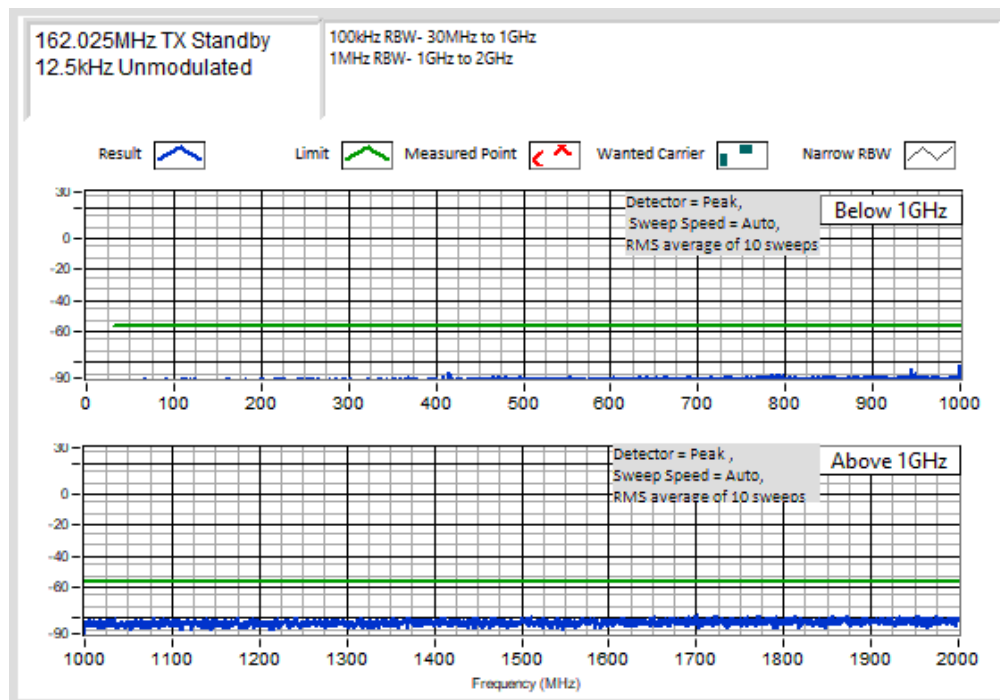
Receiver Spurious Emissions (Conducted) – Continued

161.975 MHz Transmit Standby / 161.950 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



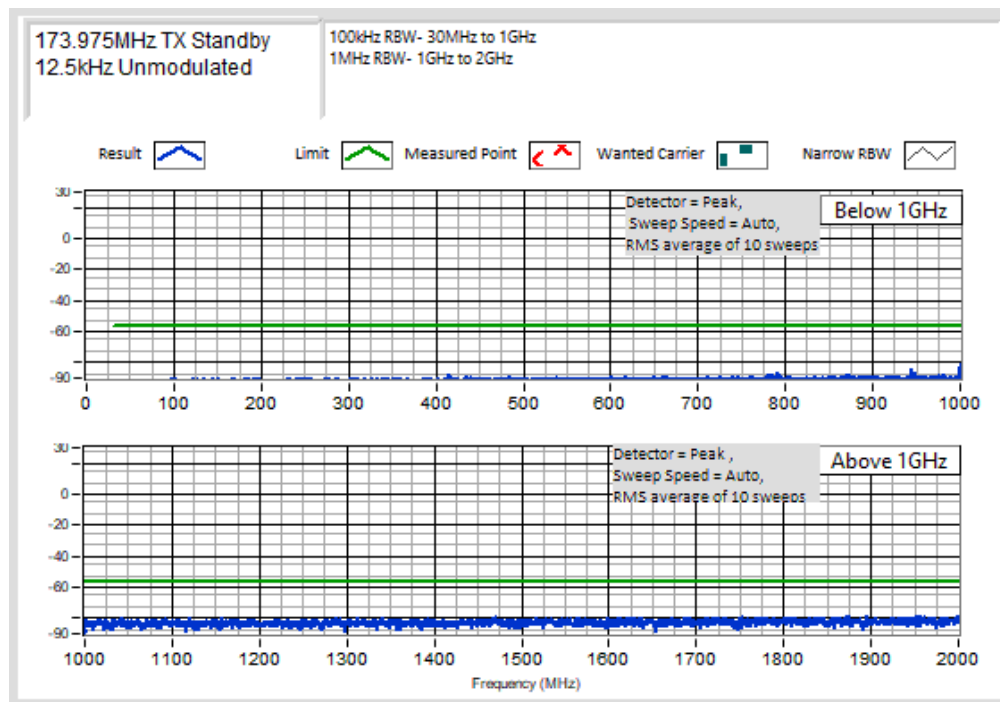
Receiver Spurious Emissions (Conducted) – Continued

162.025 MHz Transmit Standby / 162.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



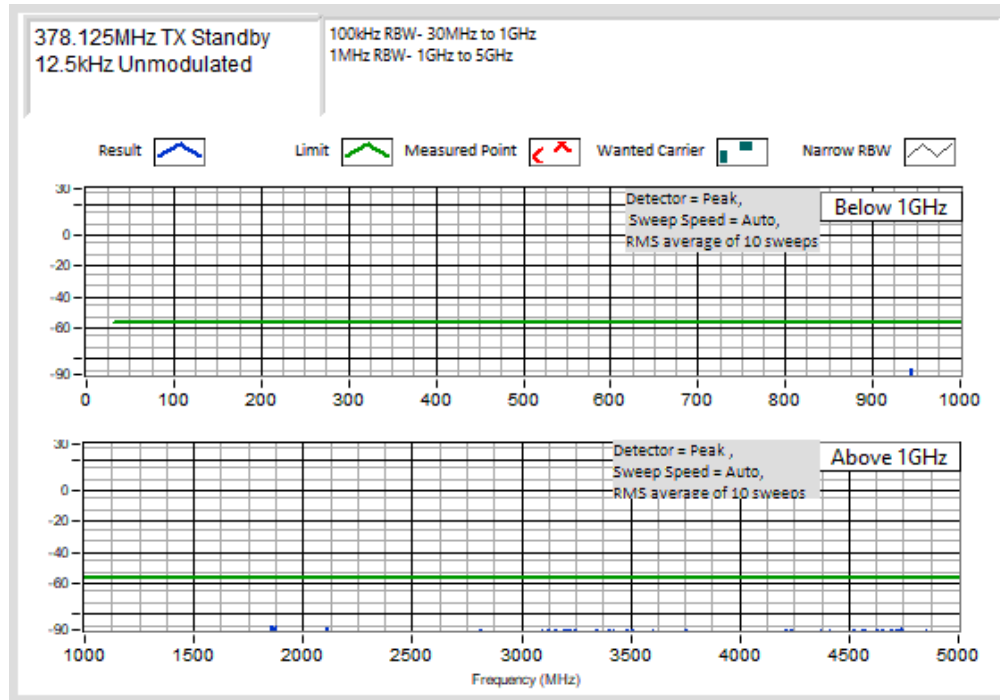
Receiver Spurious Emissions (Conducted) – Continued

173.975 MHz Transmit Standby / 173.950 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



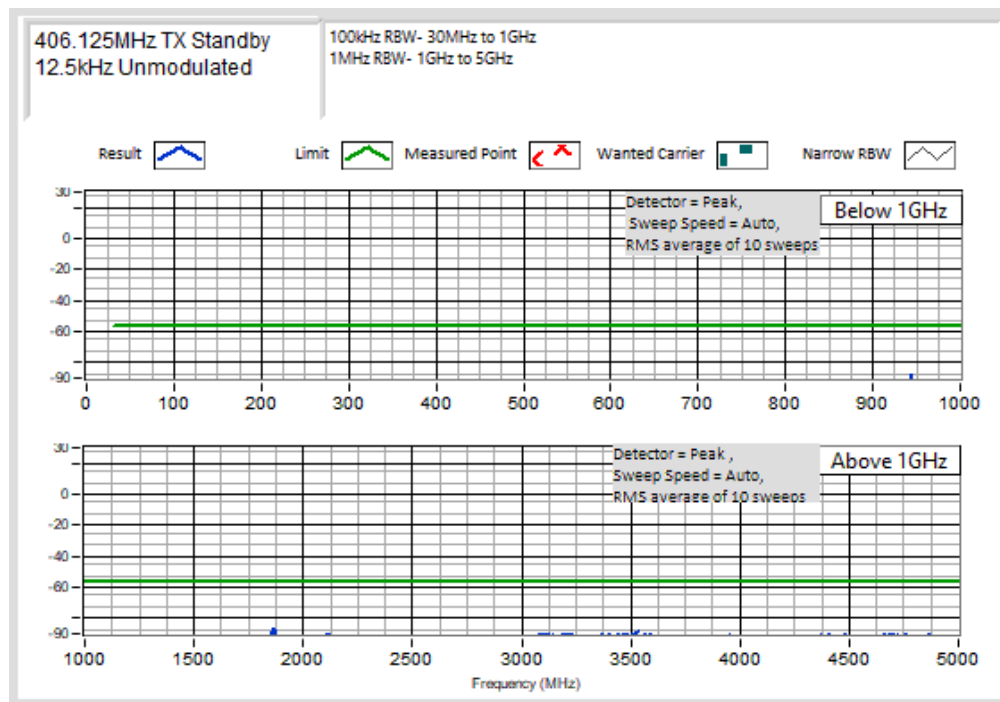
Receiver Spurious Emissions (Conducted) – Continued

378.125 MHz Transmit Standby / 378.150 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



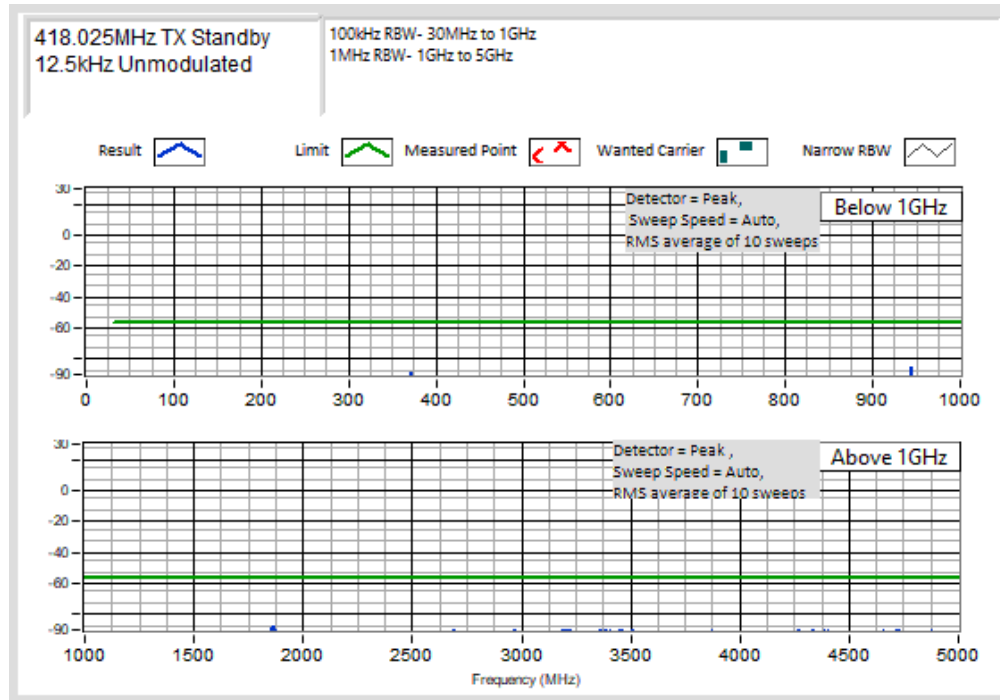
Receiver Spurious Emissions (Conducted) – Continued

406.125 MHz Transmit Standby / 406.150 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



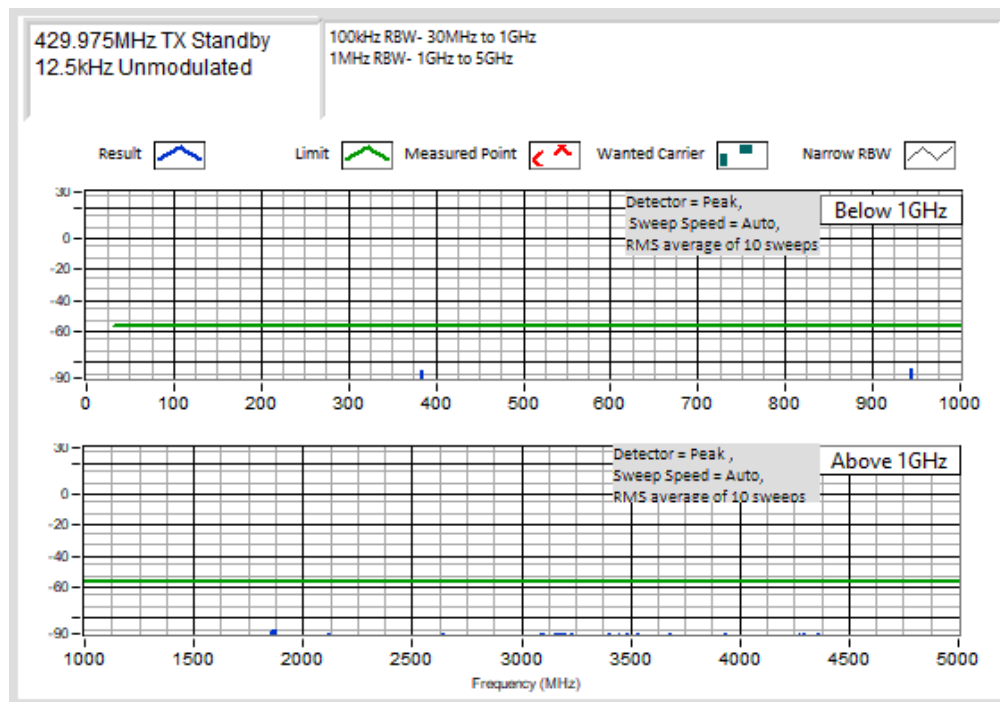
Receiver Spurious Emissions (Conducted) – Continued

418.025 MHz Transmit Standby / 418.150 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



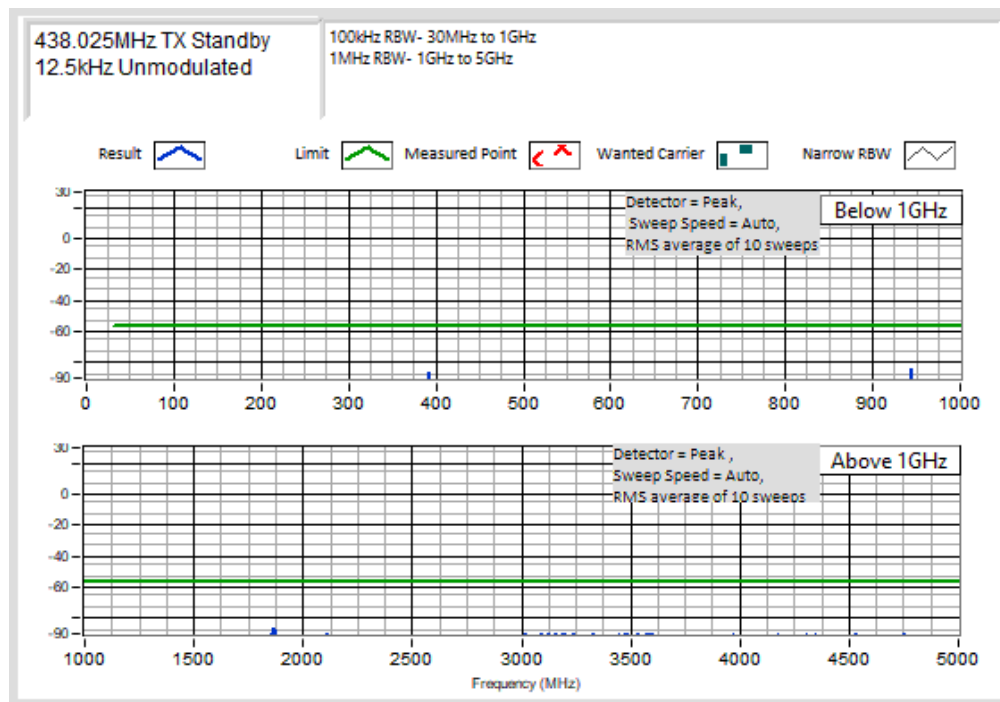
Receiver Spurious Emissions (Conducted) – Continued

429.975 MHz Transmit Standby / 429.950 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



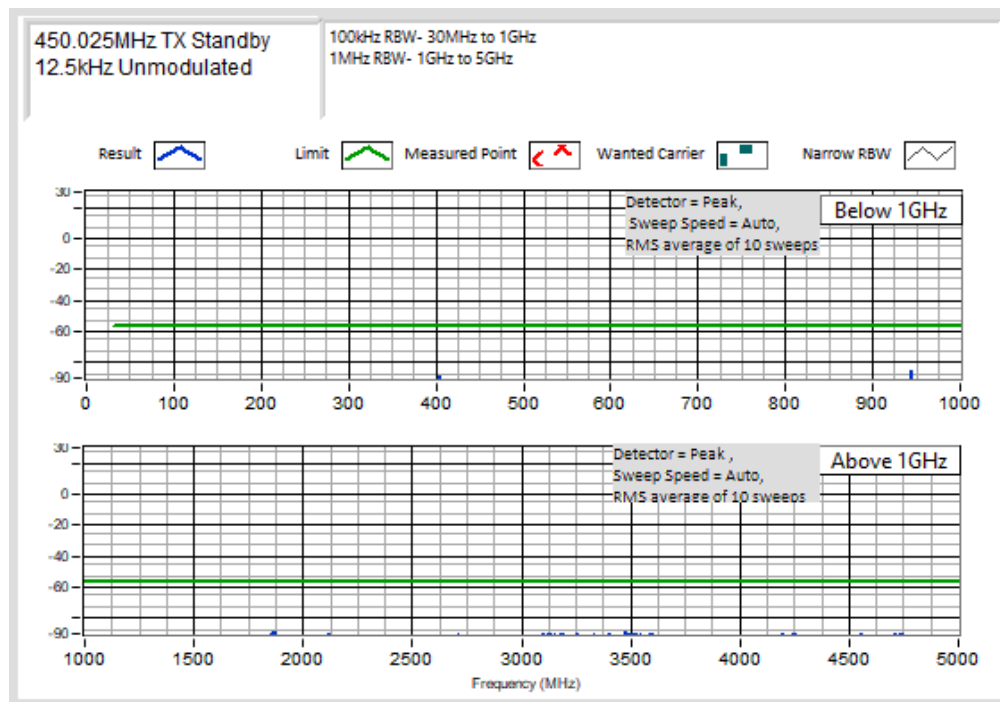
Receiver Spurious Emissions (Conducted) – Continued

438.025 MHz Transmit Standby / 438.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



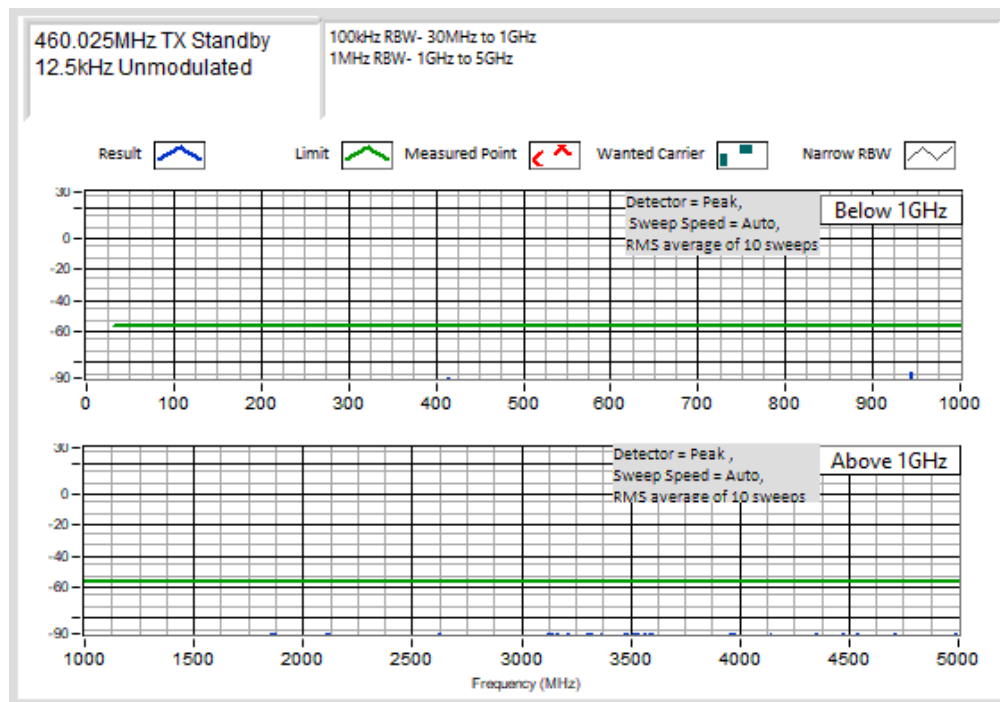
Receiver Spurious Emissions (Conducted) – Continued

450.025 MHz Transmit Standby / 450.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



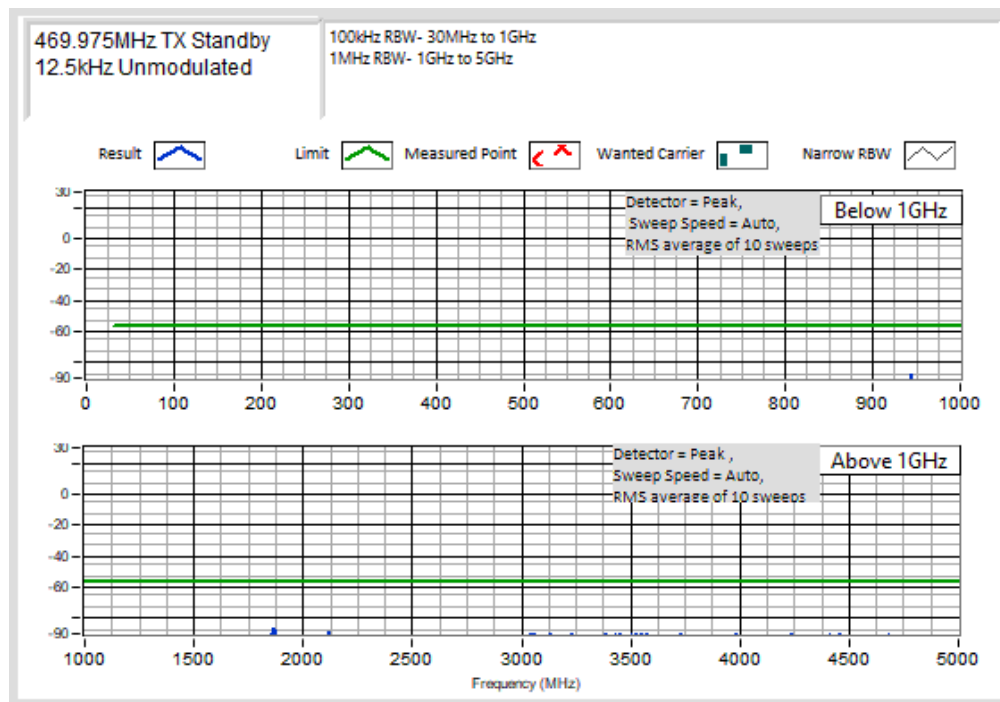
Receiver Spurious Emissions (Conducted) – Continued

460.025 MHz Transmit Standby / 460.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



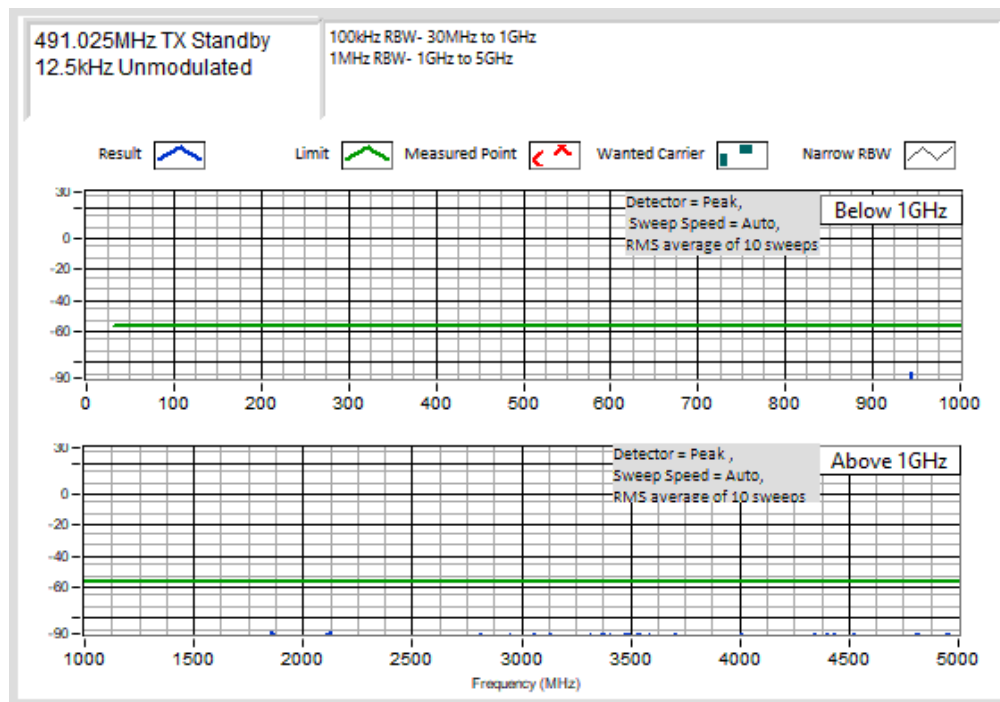
Receiver Spurious Emissions (Conducted) – Continued

469.975 MHz Transmit Standby / 469.950 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



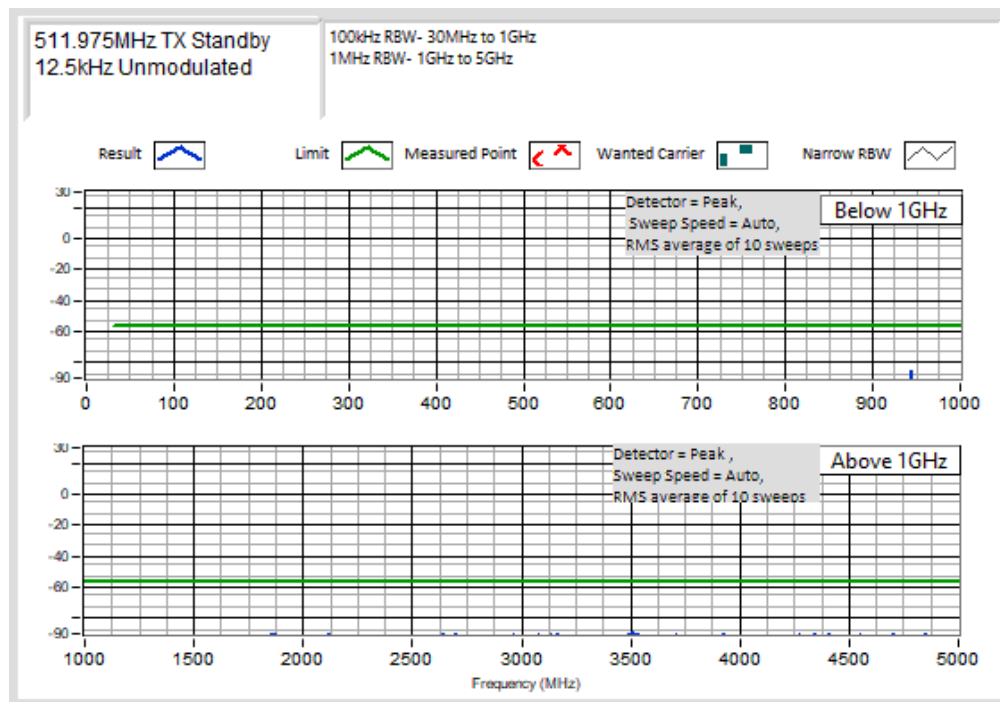
Receiver Spurious Emissions (Conducted) – Continued

491.025 MHz Transmit Standby / 491.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



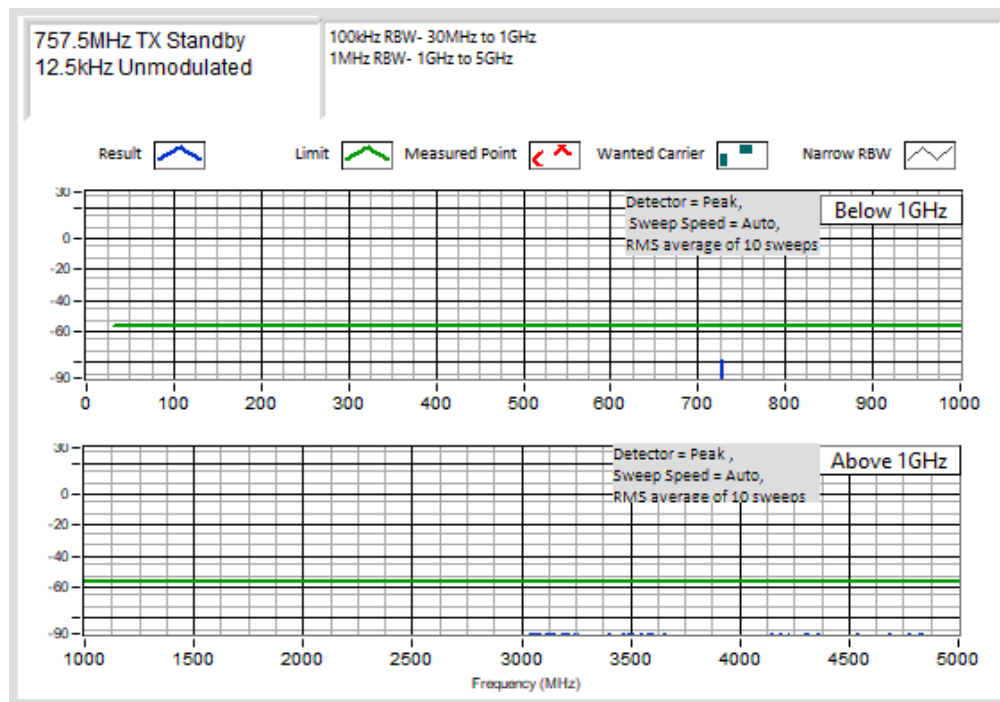
Receiver Spurious Emissions (Conducted) – Continued

511.975 MHz Transmit Standby / 511.950 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



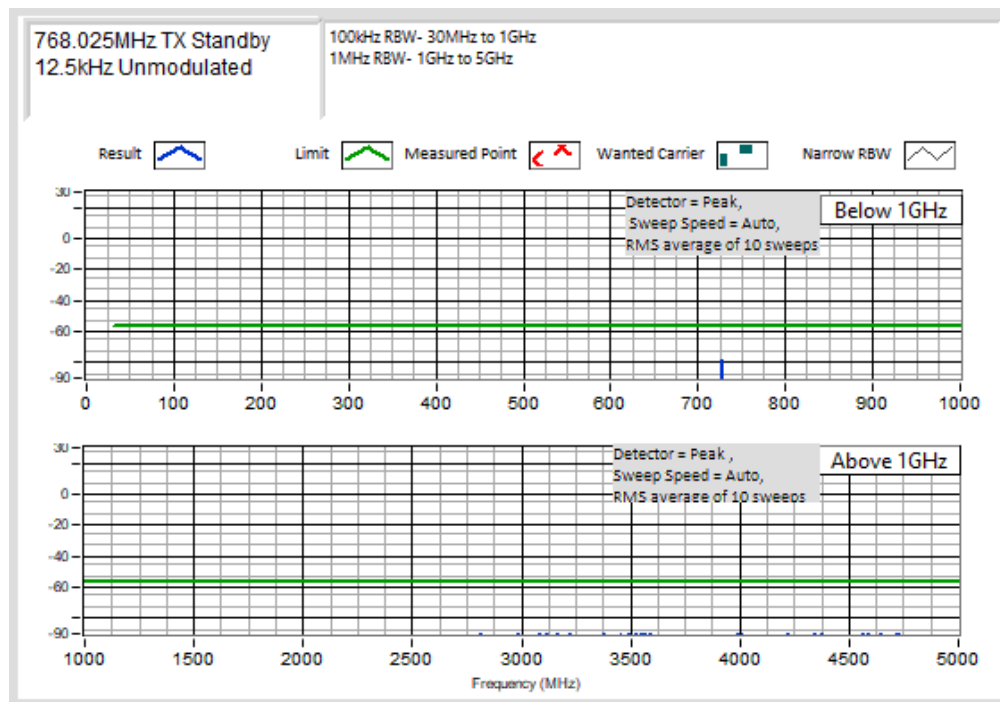
Receiver Spurious Emissions (Conducted) – Continued

757.500 MHz Transmit Standby / 757.525 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



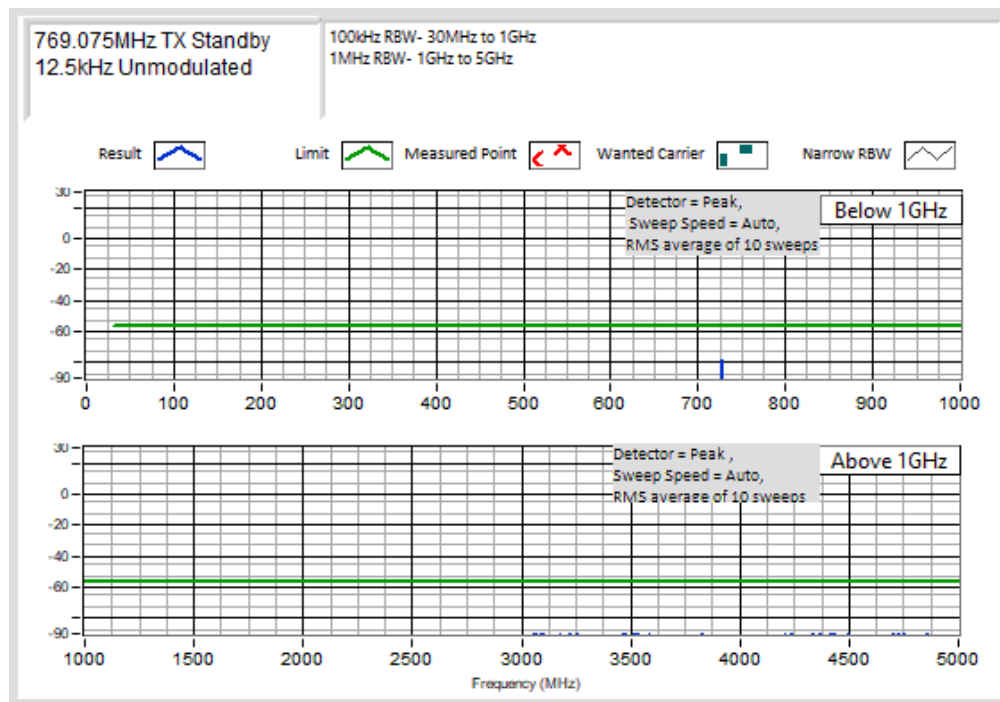
Receiver Spurious Emissions (Conducted) – Continued

768.025 MHz Transmit Standby / 768.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



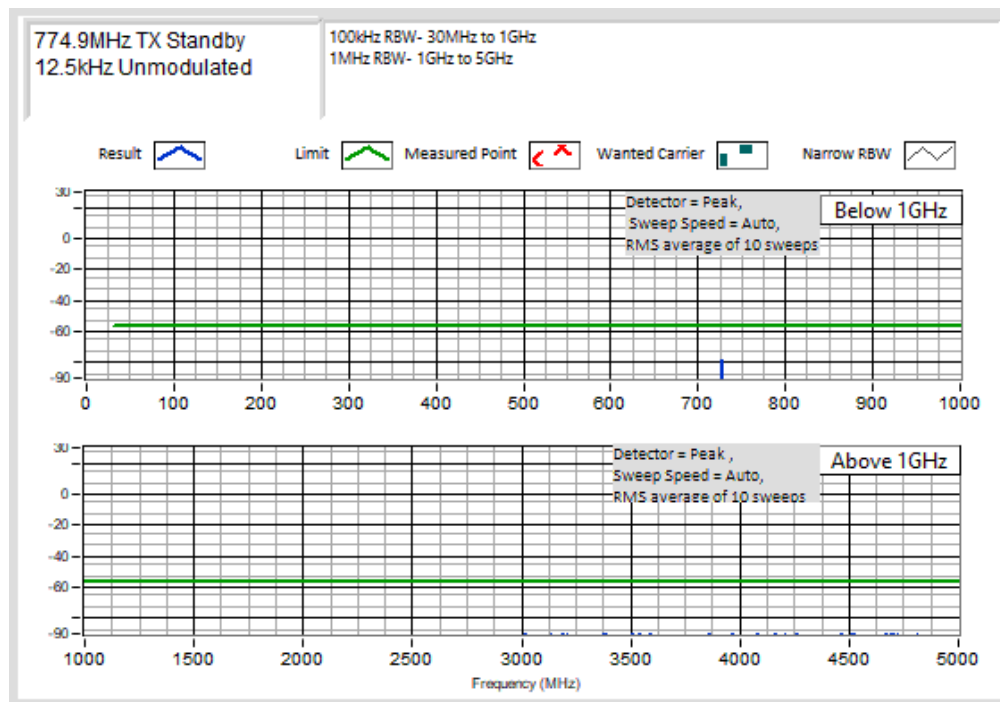
Receiver Spurious Emissions (Conducted) – Continued

769.075 MHz Transmit Standby / 769.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



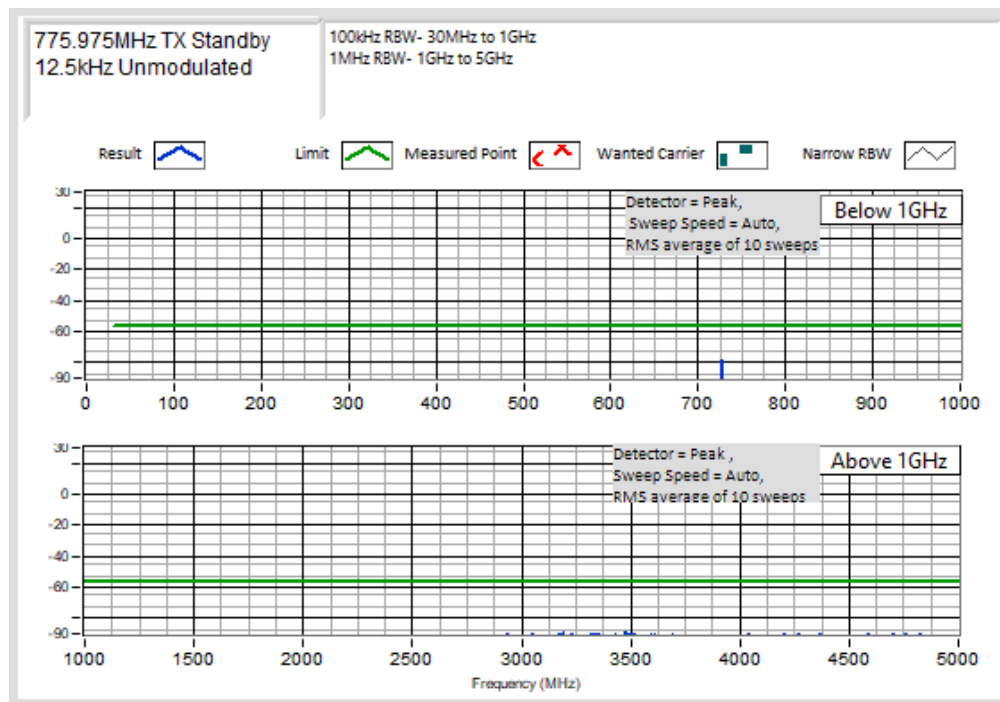
Receiver Spurious Emissions (Conducted) – Continued

774.900 MHz Transmit Standby / 774.925 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



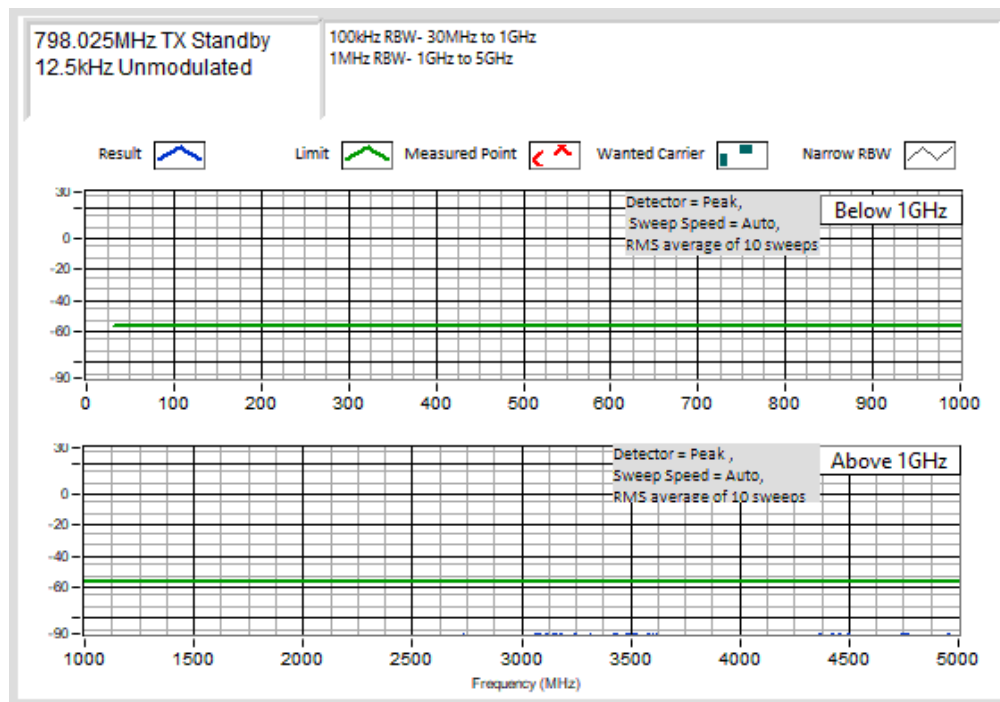
Receiver Spurious Emissions (Conducted) – Continued

775.975 MHz Transmit Standby / 775.950 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



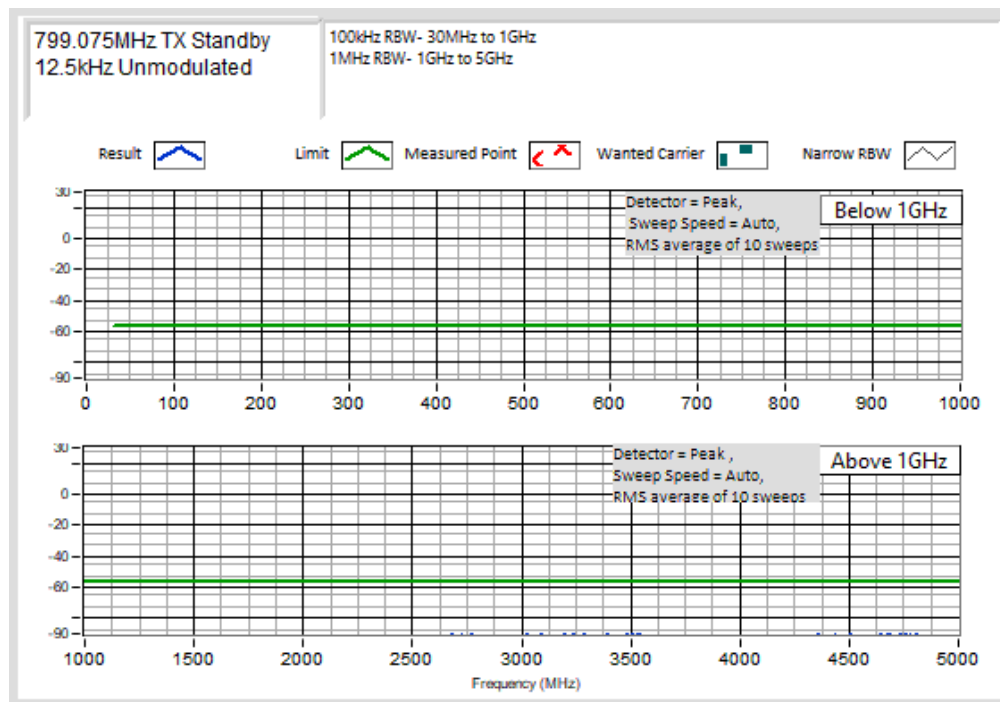
Receiver Spurious Emissions (Conducted) – Continued

798.025 MHz Transmit Standby / 776.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



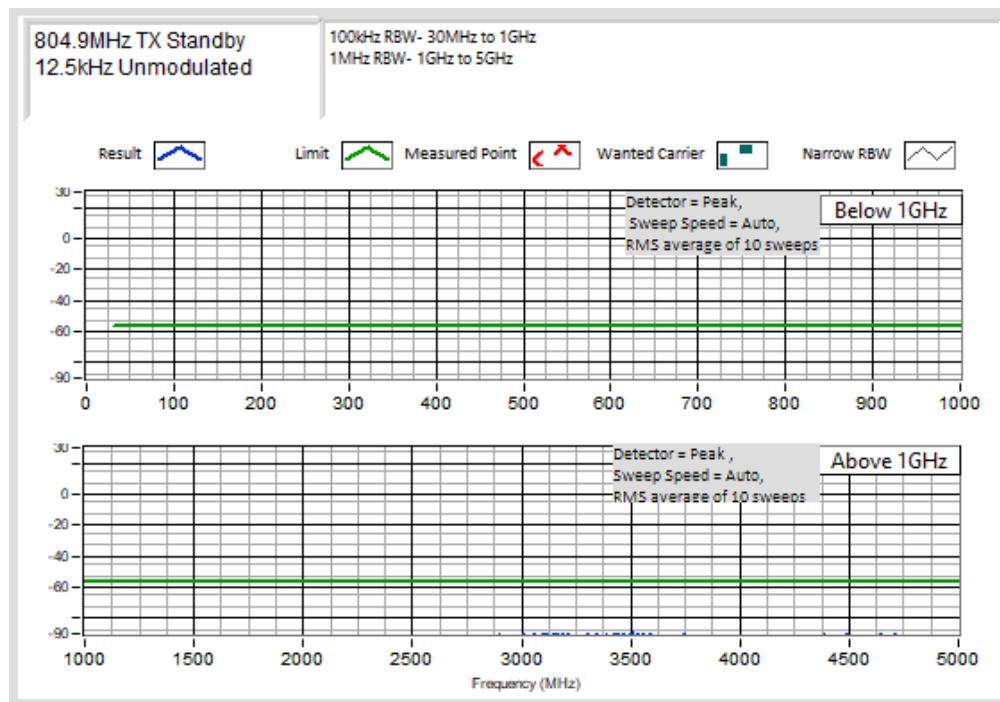
Receiver Spurious Emissions (Conducted) – Continued

799.075 MHz Transmit Standby / 850.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



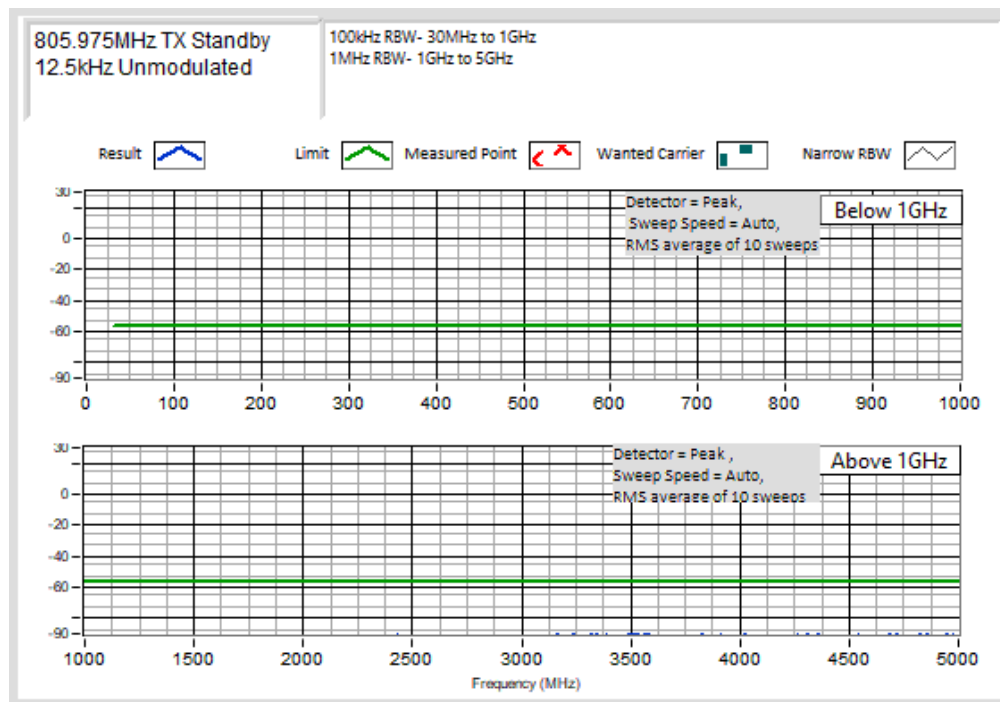
Receiver Spurious Emissions (Conducted) – Continued

804.900 MHz Transmit Standby / 850.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



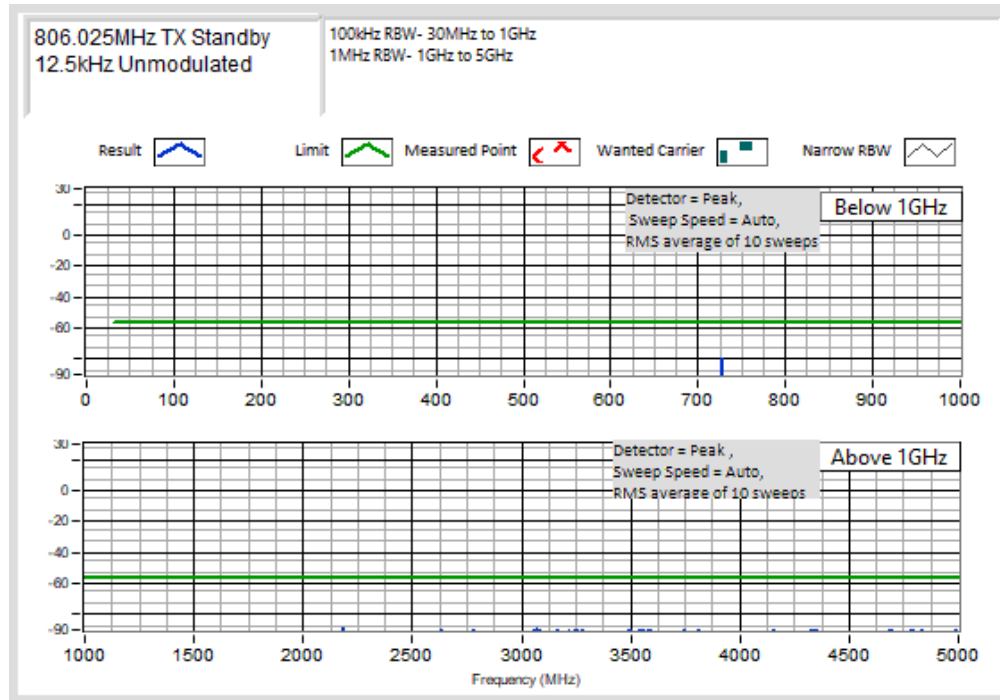
Receiver Spurious Emissions (Conducted) – Continued

805.975 MHz Transmit Standby / 850.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



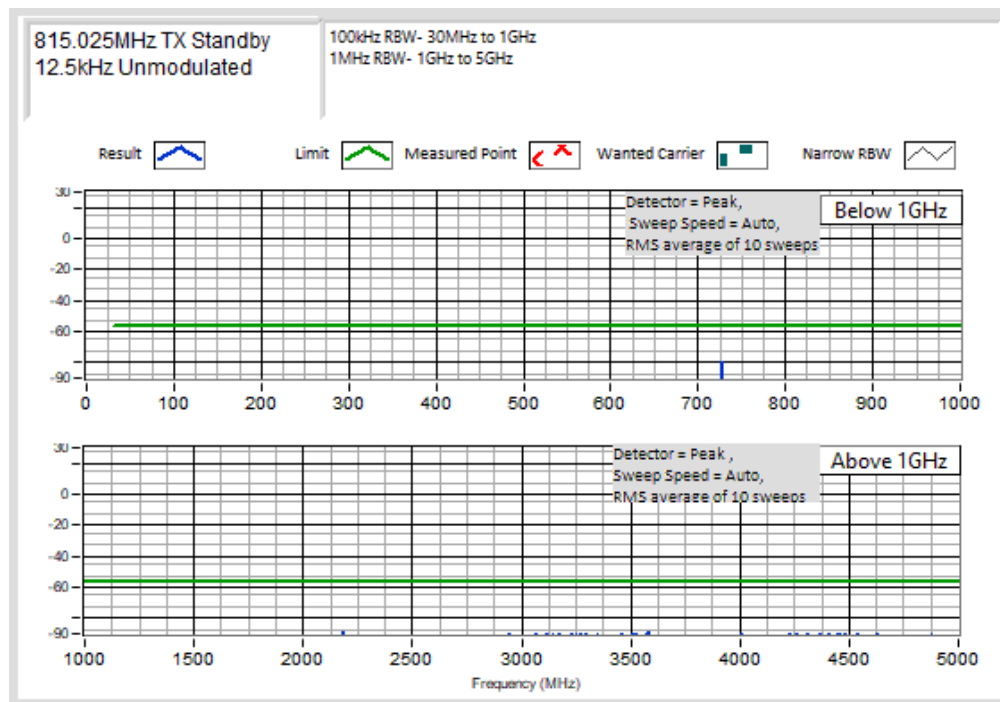
Receiver Spurious Emissions (Conducted) – Continued

806.025 MHz Transmit Standby / 850.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



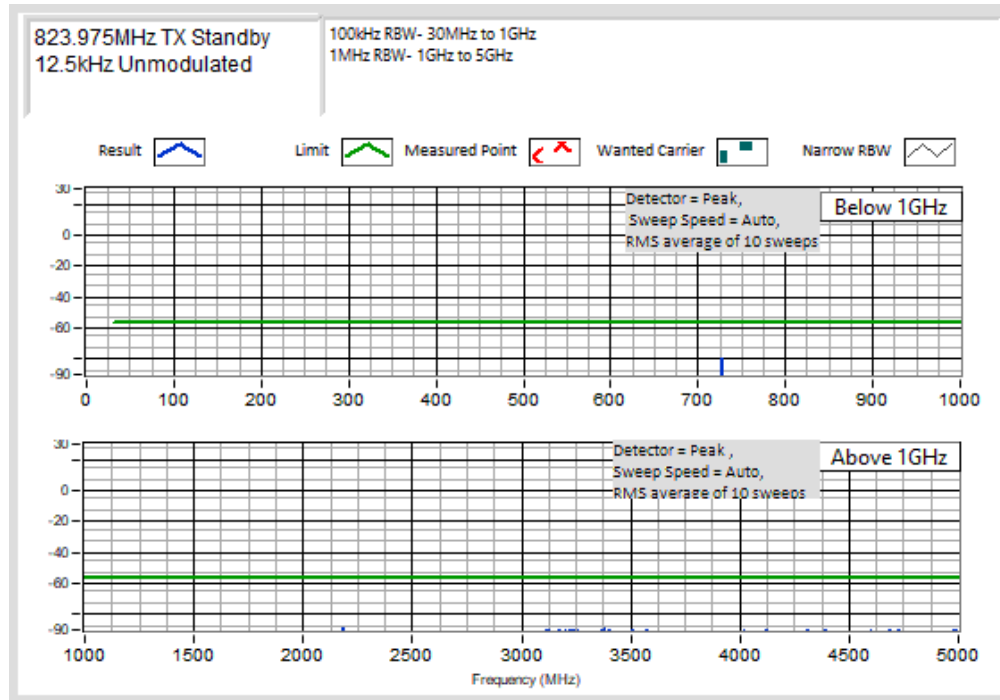
Receiver Spurious Emissions (Conducted) – Continued

815.025 MHz Transmit Standby / 850.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



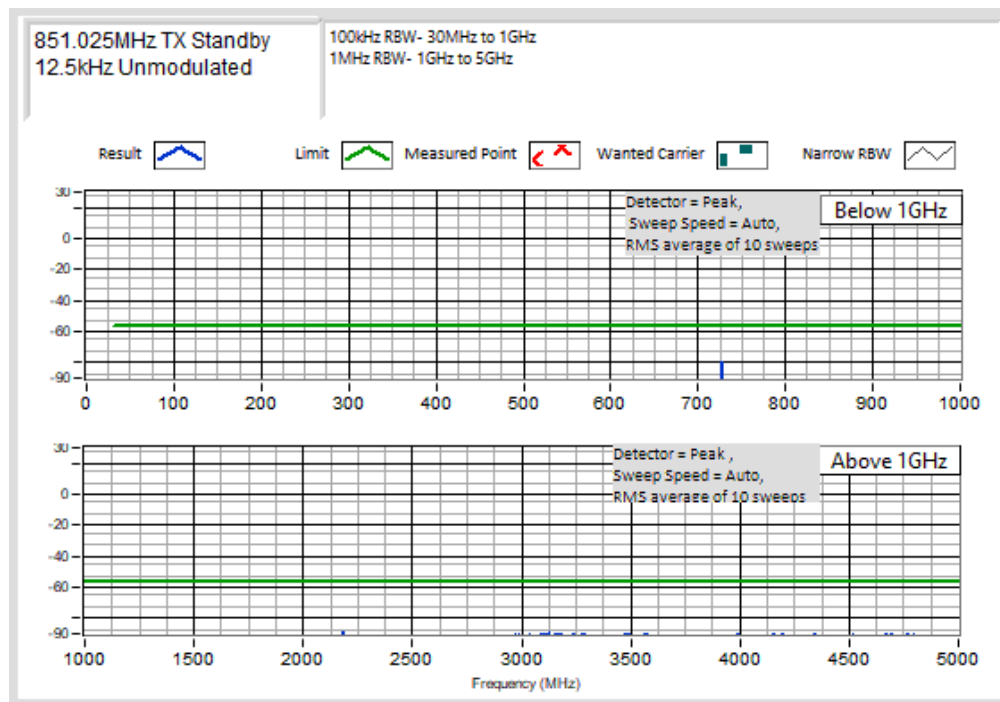
Receiver Spurious Emissions (Conducted) – Continued

823.975 MHz Transmit Standby / 850.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



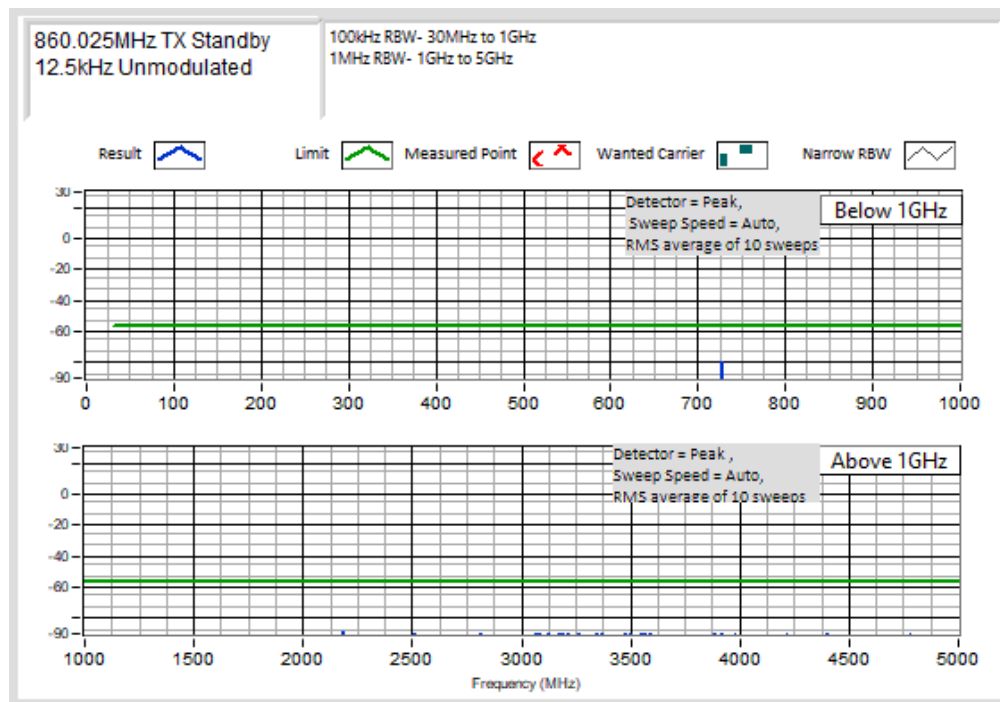
Receiver Spurious Emissions (Conducted) – Continued

851.025 MHz Transmit Standby / 851.025 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



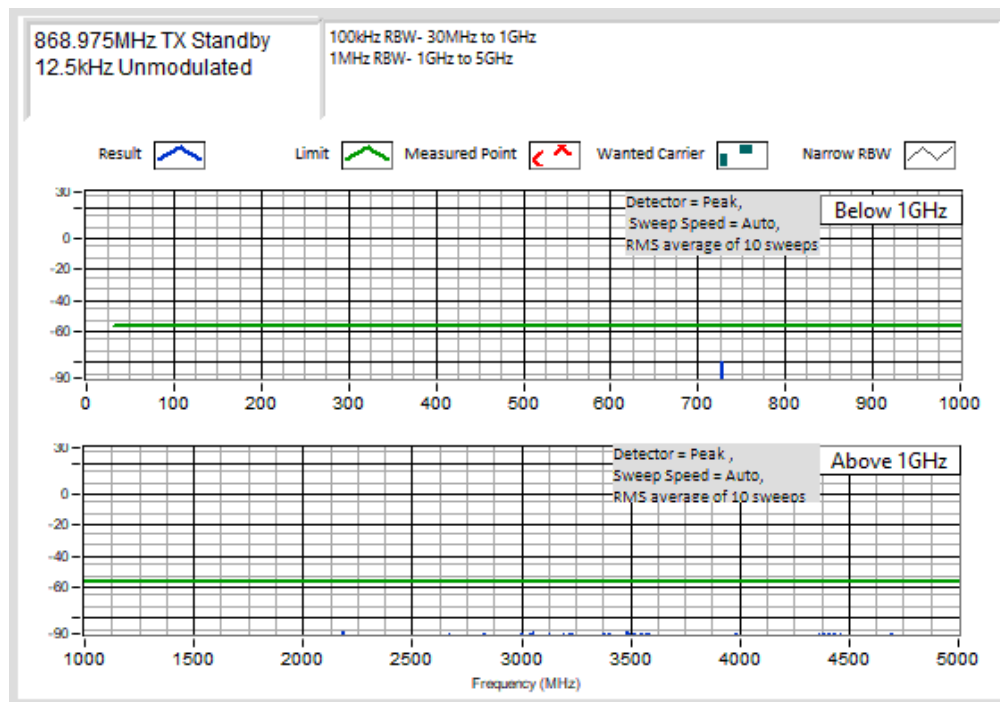
Receiver Spurious Emissions (Conducted) – Continued

860.025 MHz Transmit Standby / 860.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



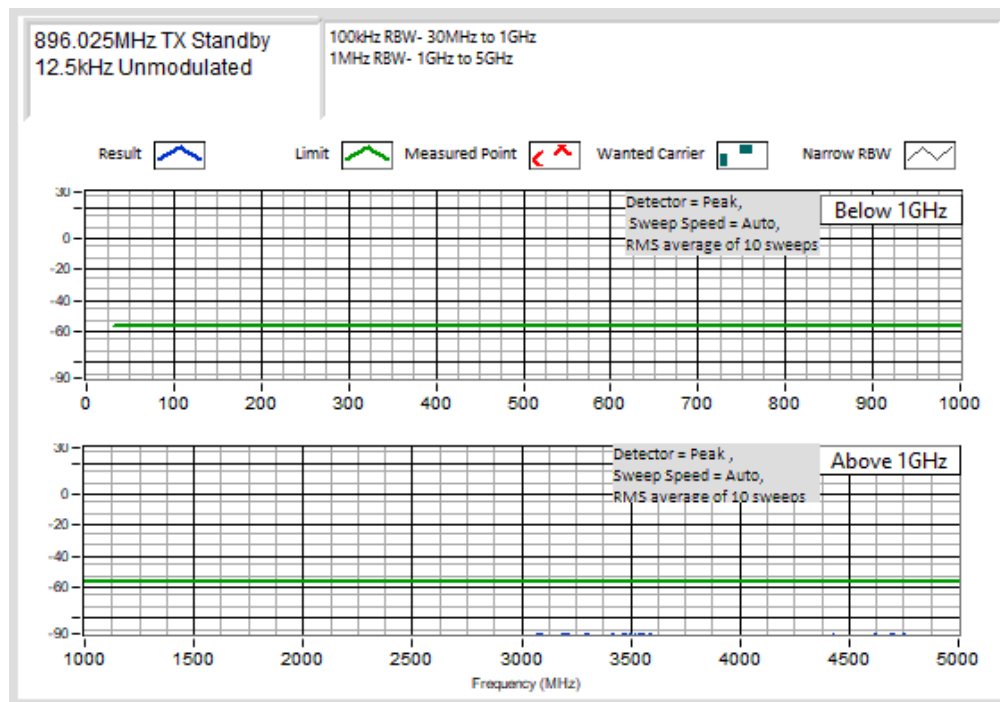
Receiver Spurious Emissions (Conducted) – Continued

868.975 MHz Transmit Standby / 868.950 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



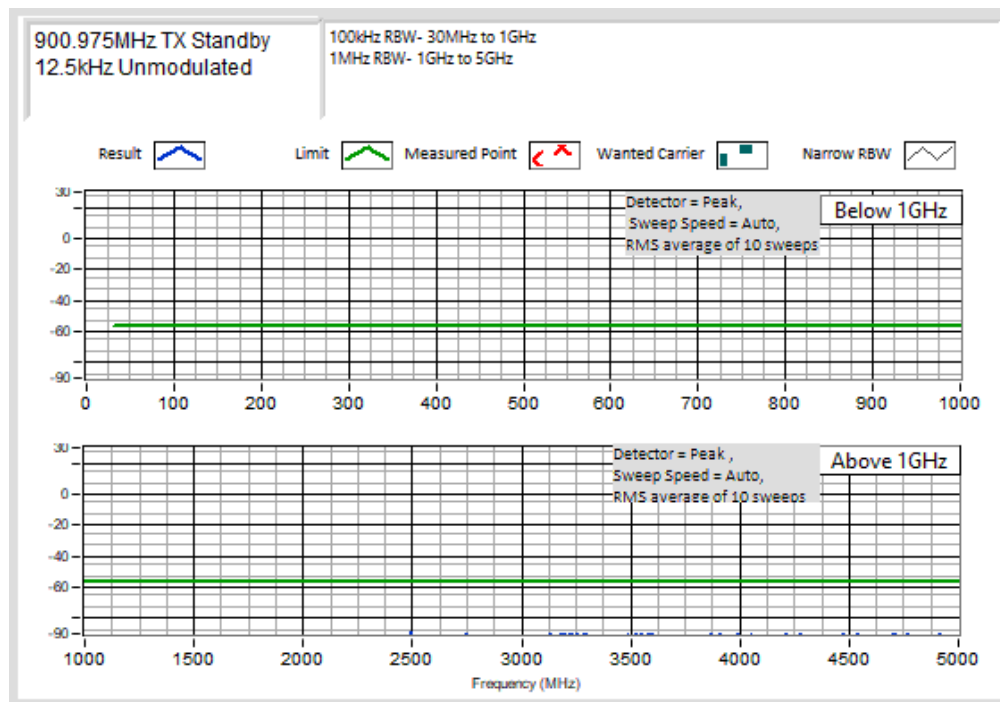
Receiver Spurious Emissions (Conducted) – Continued

896.025 MHz Transmit Standby / 935.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



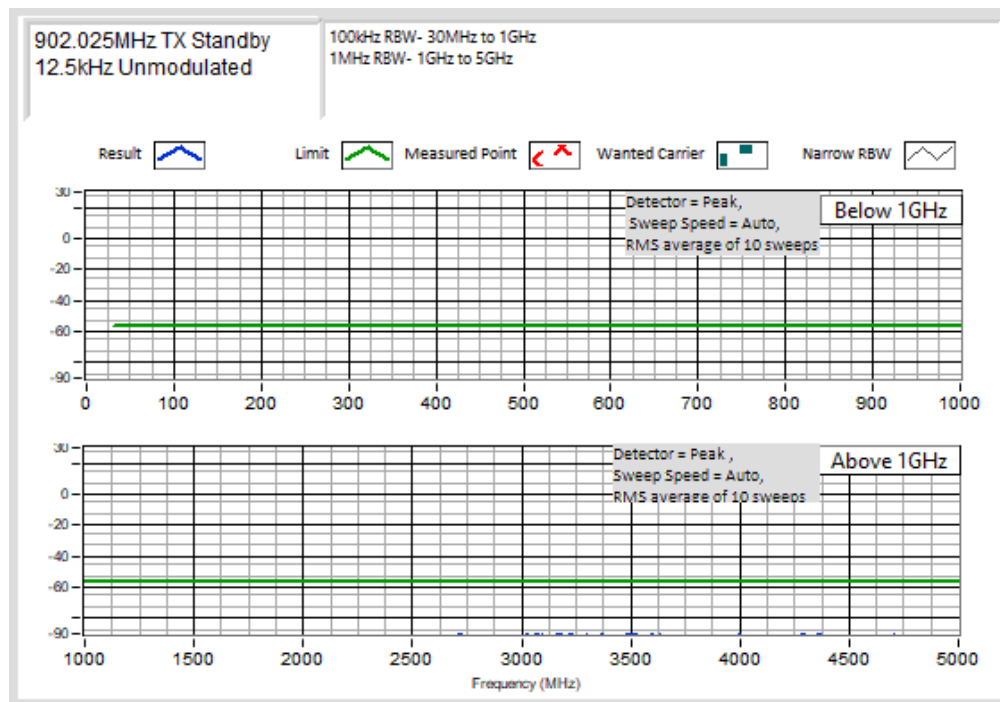
Receiver Spurious Emissions (Conducted) – Continued

900.975 Transmit Standby / 935.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



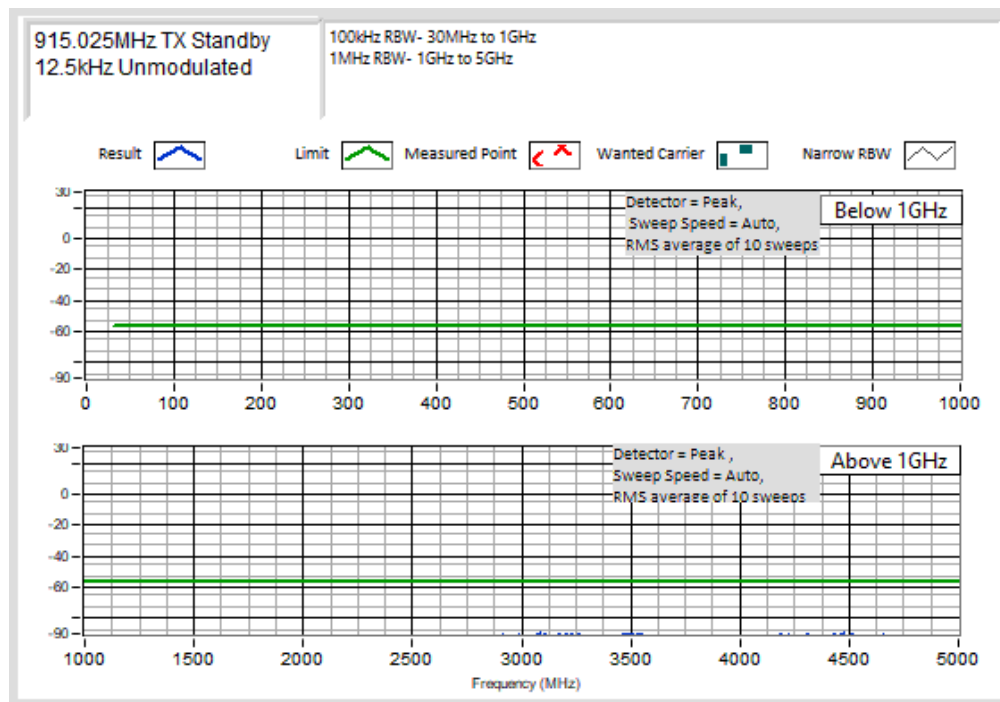
Receiver Spurious Emissions (Conducted) – Continued

902.025 MHz Transmit Standby / 935.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



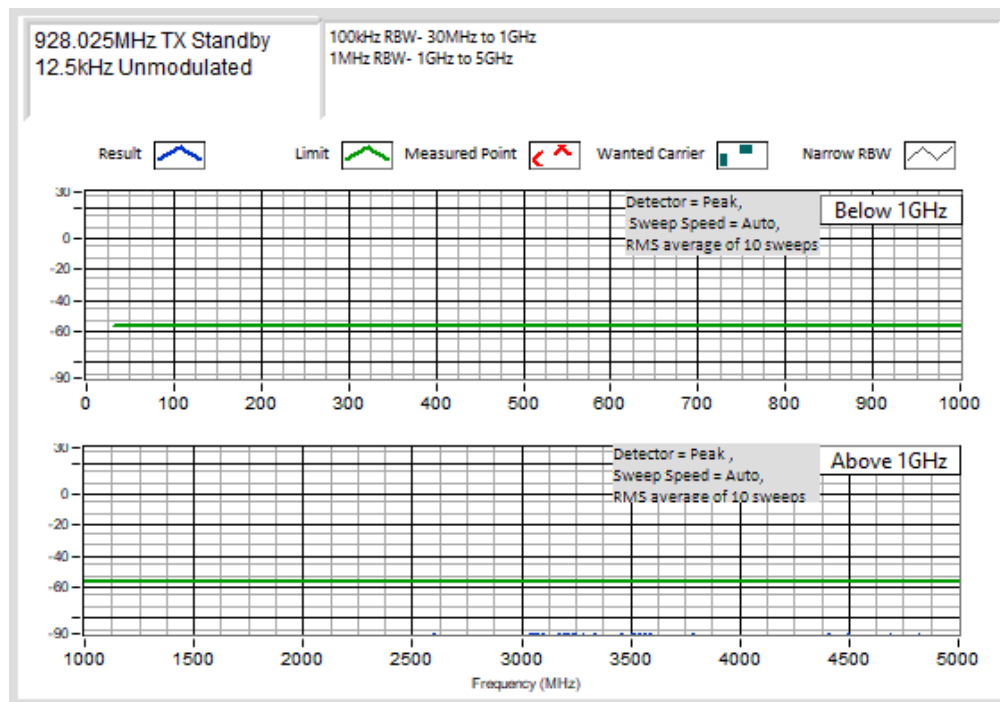
Receiver Spurious Emissions (Conducted) – Continued

915.025 MHz Transmit Standby / 935.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



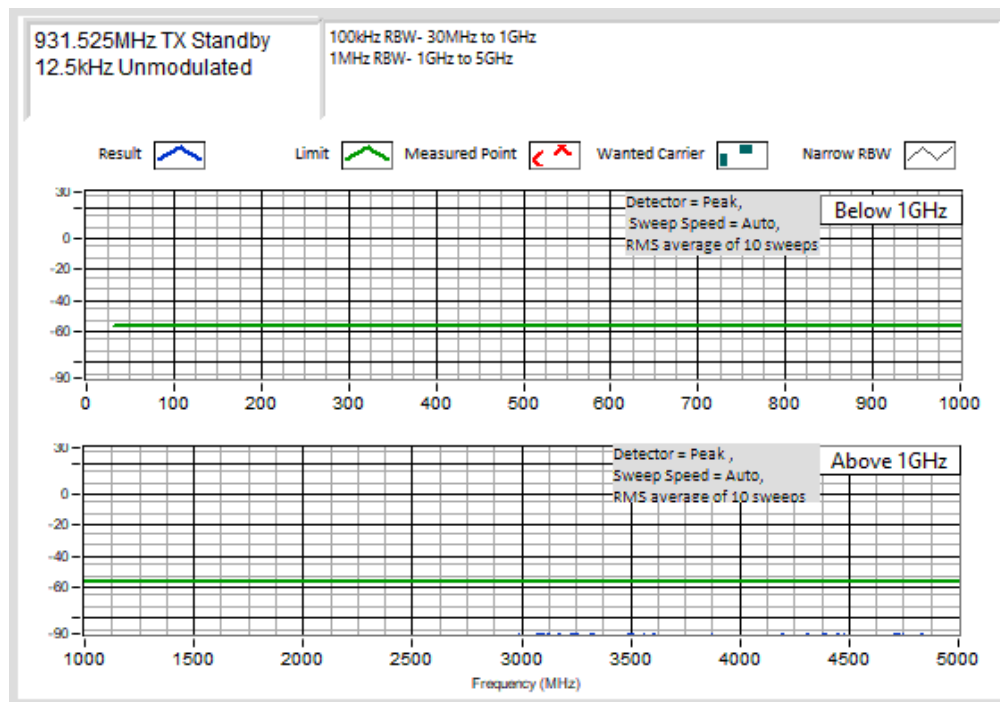
Receiver Spurious Emissions (Conducted) – Continued

928.025 MHz Transmit Standby / 935.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



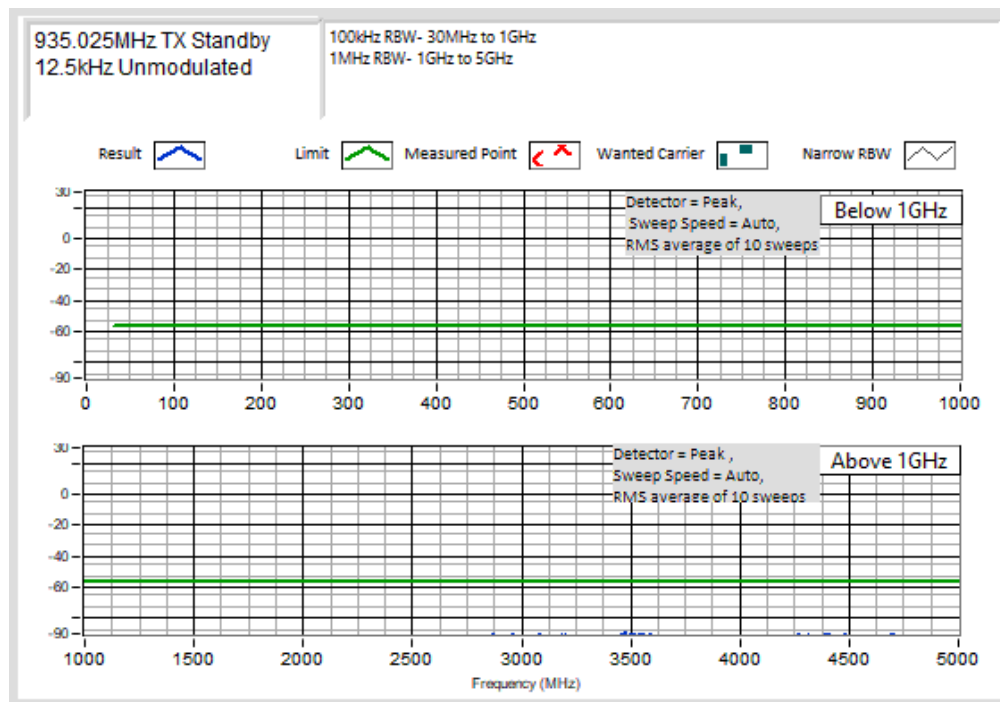
Receiver Spurious Emissions (Conducted) – Continued

931.525 MHz Transmit Standby / 935.000 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



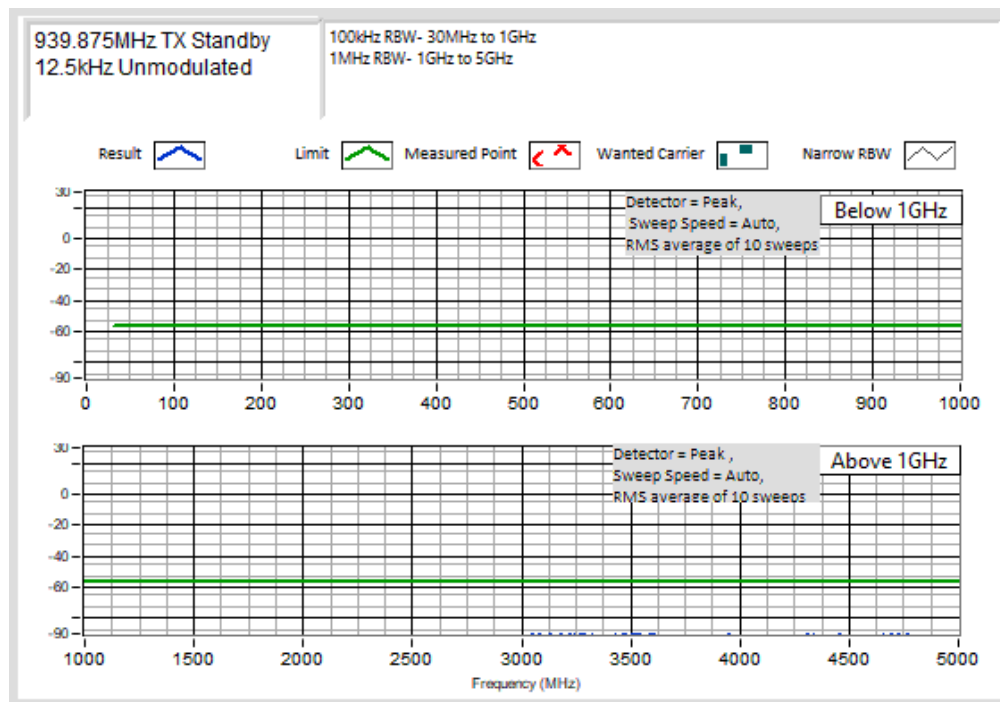
Receiver Spurious Emissions (Conducted) – Continued

935.025 MHz Transmit Standby / 935.050 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



Receiver Spurious Emissions (Conducted) – Continued

939.875 MHz Transmit Standby / 939.850 MHz Receive		
Emission Frequency (MHz)	Level (nW)	Level (dBm)
~	~	~
No emissions were detected within 20 dB of Limit.		



TEST EQUIPMENT LIST

Equipment Type	Information	Manufacturer	Model No	Serial No#	Tait ID	Cal Due
Antenna	18GHz DRG	Emco	DRG3115	2084	E3076	
Antenna	18GHz DRG	Emco	DRG3115	9512-4638	E3560	20/08/2027
Antenna	Log Periodic	Schwarzbeck	VUSLP	9111-219	E4617	7/03/2027
Antenna	Log Periodic	Schwarzbeck	VUSLP	9111-503	E111375	7/03/2027
Antenna	Reverb - 1-18GHz DRG	Schwarzbeck	BBHA 9120 D	9120D-885	E4857	
Antenna	Reverb - 1-18GHz DRG	Schwarzbeck	BBHA 9120 D	9120D-884	E4858	
Audio Analyser	TREVA2	Hewlett Packard	HP8903B	2818A04275	E3710	10/10/2025
Audio Analyser	TREVA1	Hewlett Packard	HP8903A	2437A04625	E4986	5/10/2025
Coax Cable	OATS Turntable Cable 1	Intelcom	RG214	OATS1	E4621	18/09/2025
Coax Cable	OATS Tower Cable	Intelcom	RG214	OATS2	E4622	18/09/2025
Coax Cable	2m Black	Suhner	RG214HF/Nm/Nm/2000	TeltestBlack2	E4623	10/09/2025
Coax Cable	2m Black	Suhner	RG214HF/Nm/Nm/2000	TeltestBlack3	E4624	10/09/2025
Coax Cable	Reverb - 4.5m Multiflex 141	TeltestBlue6	MF 141	TeltestBlue6	E4843	12/09/2025
Coax Cable	Reverb - 2m Multiflex 141	TeltestBlue5	MF 141	TeltestBlue5	E4844	11/09/2025
Coax Cable	Reverb - 2m Multiflex 141	TeltestBlue4	MF 141	TeltestBlue4	E4845	11/09/2025
Coax Cable	Reverb - 1m Multiflex 141	TeltestBlue3	MF 141	TeltestBlue3	E4846	12/09/2025
Coax Cable	Reverb - 1m Multiflex 141	TeltestBlue2	MF 141	TeltestBlue2	E4847	13/09/2025
Coax Cable	Reverb - 1m Multiflex 141	TeltestBlue1	MF 141	TeltestBlue1	E4848	11/09/2025
Coax Cable	2m Black	Suhner	RG214HF/Nm/Nm/2000	TeltestBlack7	E5004	10/09/2025
Coax Cable	2m Black	Suhner	RG214HF/Nm/Nm/2000	TeltestBlack8	E5005	10/09/2025
Coax Cable	3m Blue	Suhner	Sucoflex 126EA	503429/126EA	E5015	11/09/2025
Coax Cable	1.5m Blue	Suhner	Sucoflex 126EA	502868/126EA	E5028	11/09/2025
Environ. Chamber	Upright	Contherm	5400 RHSLT.M	1416	E4051	7/02/2026
Filter High Pass/ Notch	135 to 175MHz	Tait		N/A	E3382	22/05/2025
Filter High Pass/ Notch	175 to 225MHz	Tait		N/A	E3383	22/05/2025
Filter High Pass/ Notch	400 to 520MHz	Tait		N/A	E3384	22/05/2025
Filter High Pass/ Notch	550 to 885MHz	Tait		N/A	E3785	22/05/2025
Modulation Analyser	TREVA2	Hewlett Packard	HP8901B (Opt 002)	2441A00393	E3073	11/10/2025
Modulation Analyser	Includes Audio Analyser	Rohde & Schwarz	FMA0852.8500.52	842541/001	E3554	2/04/2027
Modulation Analyser	TREVA1	Hewlett Packard	HP8901B (Opt 002)	3704A05837	E3786	9/10/2025
OATS	Controller	Electrometrics	EM-4700	119	E4445	
OATS	Turntable	Electrometrics	EM-4704A	105	E4446	
OATS	Antenna Tower	Electrometrics	EM-4720-2	112	E4447	
Oscilloscope	100MHz Digital	Tektronics	TDS340	B013611	E3585	8/10/2025
Oscilloscope	400MHz	Tektronics	TDS380	B017095	E3782	5/10/2025

TELTEST Laboratories
Tait International Ltd
Report Number 4402

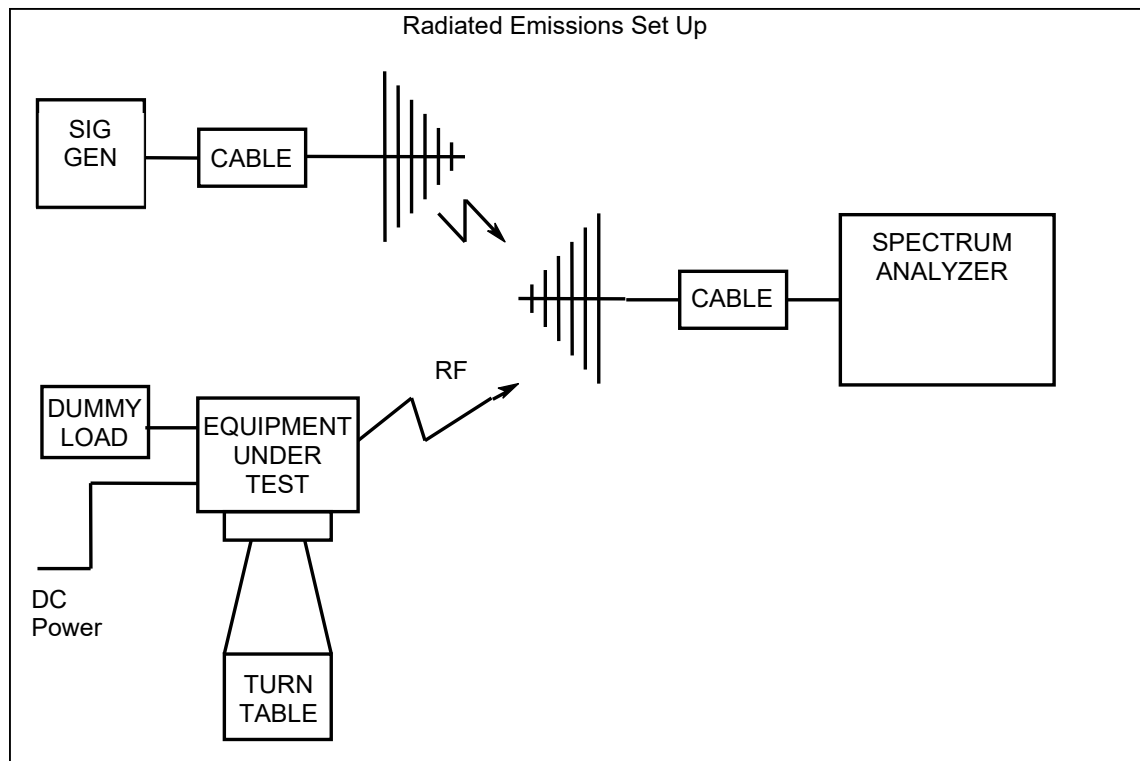
Equipment Type	Information	Manufacturer	Model No	Serial No#	Tait ID	Cal Due
Power Meter	TREVA2 Power Head for HP8901	Hewlett Packard	HP11722A	2716A02037	1575	10/10/2025
Power Meter	Reverb - USB interface for NRT Z44	Rohde & Schwarz	NRT Z5	100586	E4852	
Power Meter	Reverb - 0.2 - 4GHz directional power meter	Rohde & Schwarz	NRT Z44	105151	E4853	8/10/2026
Power Meter	TREVA1 Power Head for HP8901	Hewlett Packard	HP11722A	3111A05573	E7054	7/10/2025
Power Supply	60V/50A/1000 W	Hewlett Packard	HP6012B	2524A00616	E3712	5/10/2025
Power Supply	TREVA 1 60V/25A	Agilent	N5767A	US23D6941R	E11372	5/10/2025
Power Supply	TREVA2 60V/25A	Agilent	N5767A	US09F4901H	E4656	9/10/2025
Power Supply	40V/38A	Agilent	N5766A	US09E4663L	E4719	11/10/2025
Power Supply	60V/25A	Agilent	N5767A	3111A05573	E4979	9/10/2026
RF Amplifier	+21.7 dB 1GHz	Tait	ZFL-1000LN	E3660	E3360	7/08/2025
RF Amplifier	Pre-amplifier	Agilent	87405C	MY47010688	E4941	16/10/2025
RF Attenuator	10dB 50W	Weinschel	24-10-34	AZ0401	E3388	13/09/2025
RF Attenuator	6dB 150W	Weinschel	40-06-34	KV457	E3561	13/09/2025
RF Attenuator	20dB 50W	Weinschel	24-20-44	AW1266	E3562	13/09/2025
RF Attenuator	10dB 150W	Weinschel	57-10-34	LB590	E3674	13/09/2025
RF Attenuator	TREVA2 20dB 150W	Weinschel	40-20-33	CJ405	E3733	13/09/2025
RF Attenuator	30+3dB 350W	Weinschel	67-30-33 & BW-N3W5+	CK9178	E5023	17/09/2025
RF Attenuator	TREVA2 3dB	Weinschel	Model 1	BL9950	E4080	13/09/2025
RF Attenuator	TREVA1 3dB	Weinschel	Model 1	BL9958	E4081	13/09/2025
RF Attenuator	TREVA1 20dB 150W	Weinschel	40-20-23	MF817	E4082	13/09/2025
RF Attenuator	3dB 0.5W	Weinschel	Model 1	CH6863	E5013	13/09/2025
RF Chamber	S-LINE TEM CELL	Rohde & Schwarz	1089.9296.02	338232/003	E3636	7/05/2025
RF Chamber	Reverb - Stirrer controller for reverb chamber	Teseq	Stirrer Controller	29765.1	E4854	
RF Chamber	Reverb - 0.5 - 18GHz Reverberation Chamber	Teseq	RVC XS	29765	E4855	
RF Combiner	TREVA1	Minicircuits	ZFSC-4-1	-	E4083	
RF Combiner	TREVA2	Minicircuits	ZFSC-4-1	-	E4084	
RF Load	150W	Bird	8166	524	E3625	17/09/2025
Signal Generator	Analog 3.2GHz	Hewlett Packard	HP8648C	3443U00543	E3558	11/10/2025
Signal Generator	Digital 3GHz	Agilent	E4438C	MY45093154	E4600	11/10/2026
Signal Generator	Digital 3GHz	Agilent	E4438C	MY49070242	E4657	14/10/2026
Signal Generator	TREVA1 Analog 3.2GHz	Agilent	E8663D	MY50420224	E4908	10/10/2026
Signal Generator	Analog 12.75GHz	Rohde & Schwarz	SMB100A	183236	E11369	15/10/2025

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Tait International Ltd
Report Number 4402

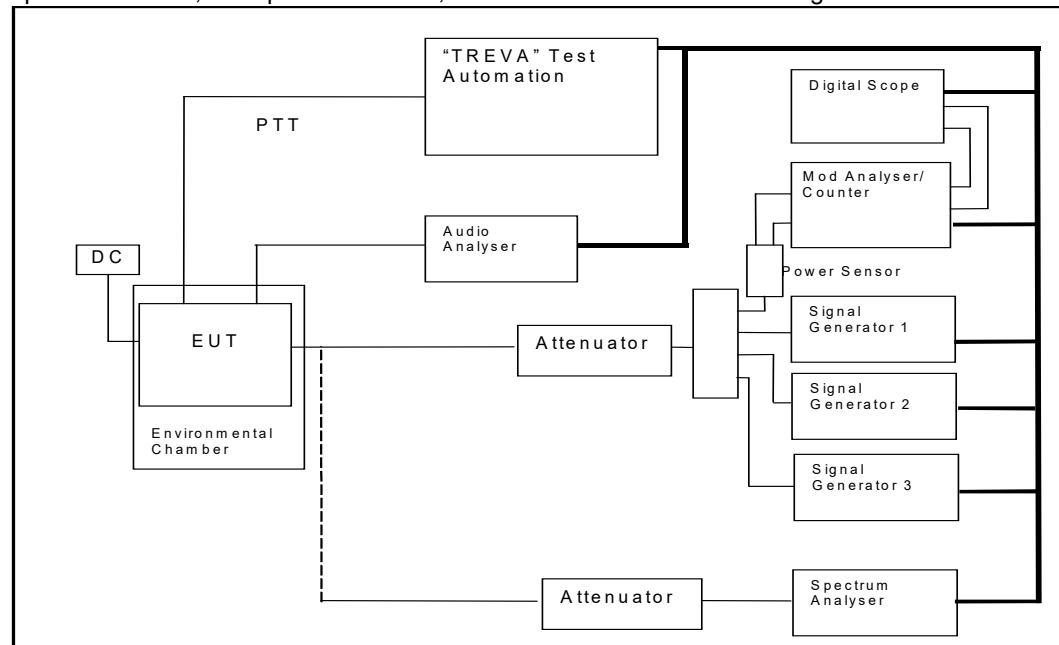
Equipment Type	Information	Manufacturer	Model No	Serial No#	Tait ID	Cal Due
Spectrum Analyser	26.5GHz	Agilent	PXA N9030A	MY49432161	E4907	26/02/2027
Spectrum Analyser	13.2GHz	Agilent	PXA N9030A	US49230269	E4775	16/10/2025
Temp & Humidity datalogger		TP-Link TAPO	T315	22383M6000671	E11377	2/02/2026
TREVA 1		Teltest	-	1	-	23/04/2025
TREVA 2		Teltest	-	2	-	23/04/2025
Testware	Frequency Vs Temperature		TTEL_FREQTEMP 1.02.00	-	-	
Testware	Occupied Bandwidth		TTEL_OCCBW 2.01.00	-	-	
Testware	Reverb Emissions		TTEL_REVEMIS 3.00.00	-	-	
Testware	Sideband Spectrum		TTEL_SBSPEC 1.01.00	-	-	
Testware	S-Line Radiated Emissions		TTEL_SLINERADEM 2.01.00	-	-	
Testware	Transient ACP		TTEL_TRANSACP 2.02.00	-	-	
Testware	TREVA		TTEL_TREVA_2.03.0 0	-	-	
Testware	Spec An Correction Loader		TTEL_SPECANCORR _1.01.00	-	-	
Testware	Radio Conducted Emissions		TTEL_RADIOCOND _1.02.01	-	-	

* NOTE: Items without calibration dates are calibrated immediately before use, or set using calibrated instruments.

ANNEX A – TEST SETUP DETAILS



All other testing is performed using the Teltest Radio **E**valuation system (TREVA), which is configured as shown below. The Spectrum Analyser is connected to the EUT via the attenuator network for Spectrum Masks, Occupied Bandwidth, and Conducted Emissions testing.



END OF REPORT