

11N20SISO/MCH	<p>Channel Power Power Spectral Density 13.61 dBm / 20 MHz -59.40 dBm / Hz</p>
11N20SISO/HCH	<p>Channel Power Power Spectral Density 12.51 dBm / 20 MHz -60.50 dBm / Hz</p>
11N40SISO/LCH	<p>Channel Power Power Spectral Density 12.25 dBm / 40 MHz -63.77 dBm / Hz</p>



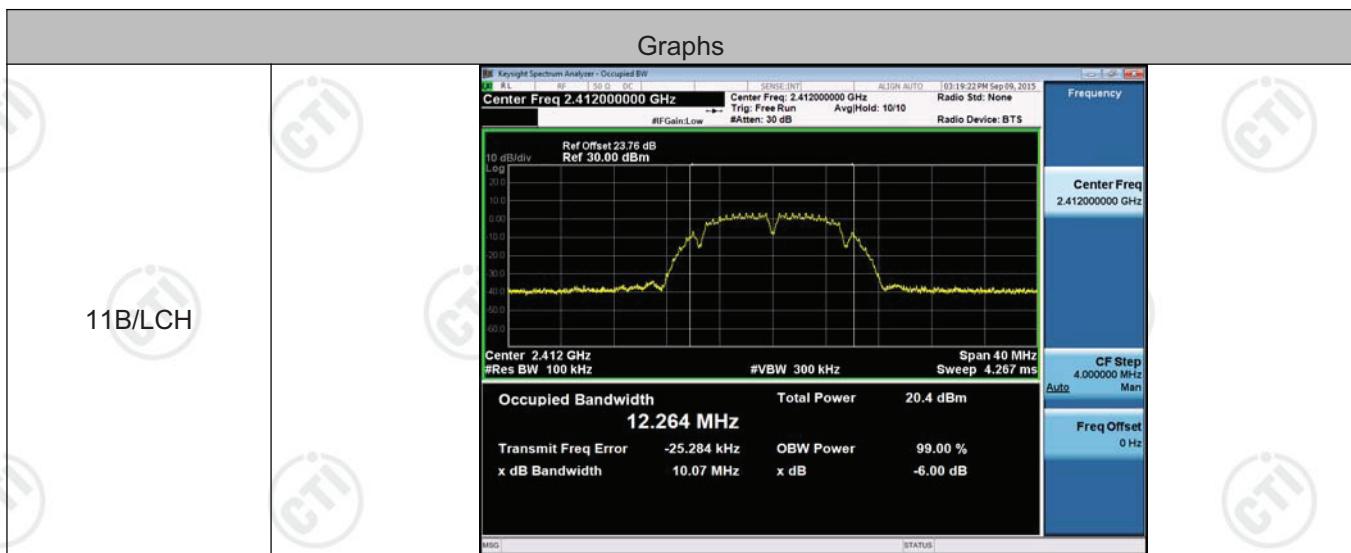
Appendix B) 6dB Occupied Bandwidth

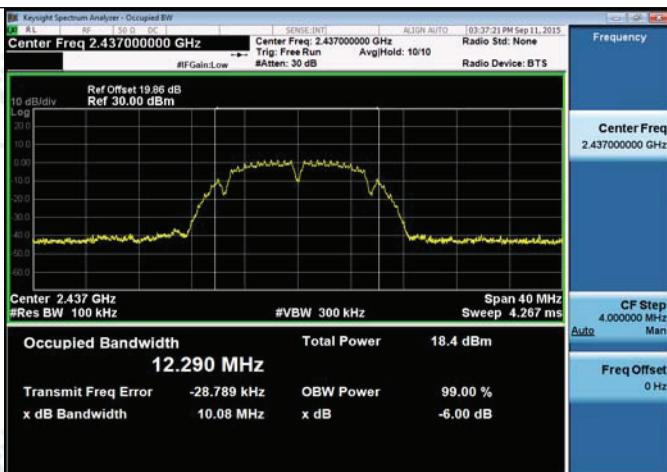
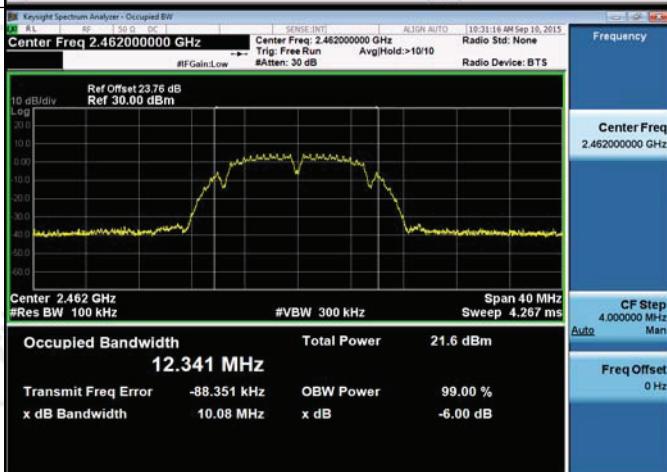
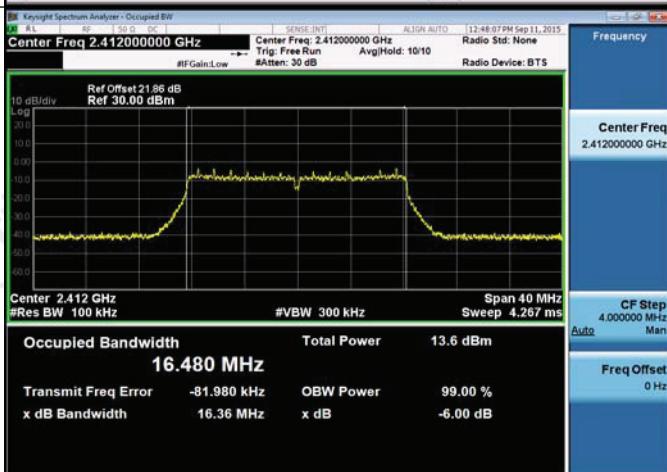
Result Table

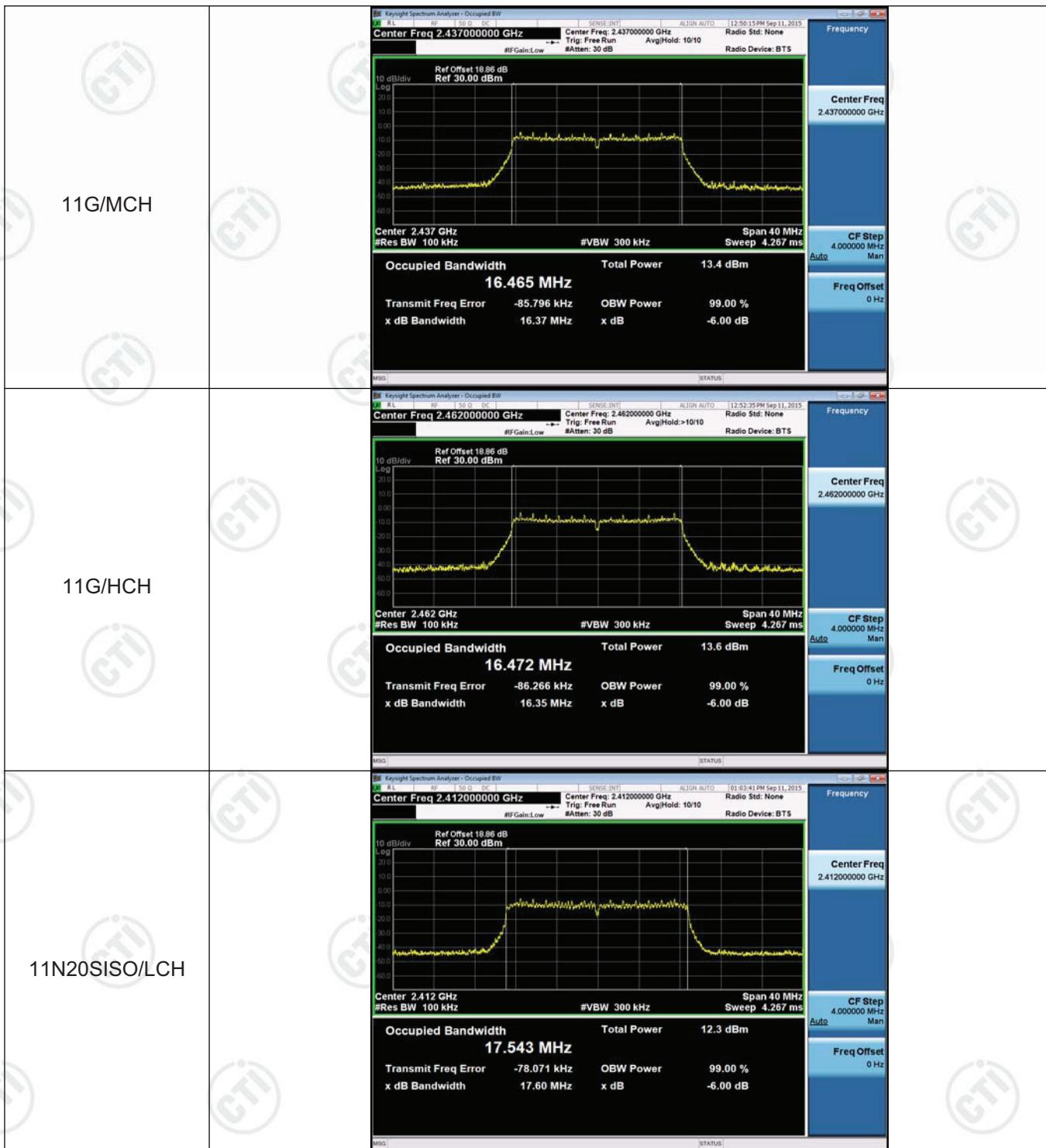
Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	10.07	12.264	PASS
11B	MCH	10.08	12.290	PASS
11B	HCH	10.08	12.341	PASS
11G	LCH	16.36	16.480	PASS
11G	MCH	16.37	16.465	PASS
11G	HCH	16.35	16.472	PASS
11N20SISO	LCH	17.60	17.543	PASS
11N20SISO	MCH	17.65	17.576	PASS
11N20SISO	HCH	17.63	17.584	PASS
11N40SISO	LCH	36.34	36.173	PASS
11N40SISO	MCH	36.07	36.213	PASS
11N40SISO	HCH	36.27	36.201	PASS

Remark: peak detector.

Test Graph



11B/MCH	 <p>KeySight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Ref Offset 19.86 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Span 40 MHz</p> <p>Sweep 4.267 ms</p> <p>Occupied Bandwidth 12.290 MHz</p> <p>Total Power 18.4 dBm</p> <p>Transmit Freq Error -28.789 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.08 MHz</p> <p>x dB -6.00 dB</p>
11B/HCH	 <p>KeySight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Ref Offset 23.76 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Span 40 MHz</p> <p>Sweep 4.267 ms</p> <p>Occupied Bandwidth 12.341 MHz</p> <p>Total Power 21.6 dBm</p> <p>Transmit Freq Error -88.351 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.08 MHz</p> <p>x dB -6.00 dB</p>
11G/LCH	 <p>KeySight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Ref Offset 21.86 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Span 40 MHz</p> <p>Sweep 4.267 ms</p> <p>Occupied Bandwidth 16.480 MHz</p> <p>Total Power 13.6 dBm</p> <p>Transmit Freq Error -81.980 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.36 MHz</p> <p>x dB -6.00 dB</p>



11N20SISO/MCH	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Ref Offset 17.86 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Occupied Bandwidth 17.576 MHz</p> <p>Total Power 12.5 dBm</p> <p>Transmit Freq Error -11.480 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 17.65 MHz x dB -6.00 dB</p>
11N20SISO/HCH	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Ref Offset 17.86 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Occupied Bandwidth 17.584 MHz</p> <p>Total Power 11.7 dBm</p> <p>Transmit Freq Error -11.321 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 17.63 MHz x dB -6.00 dB</p>
11N40SISO/LCH	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.422000000 GHz</p> <p>Ref Offset 17.86 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Occupied Bandwidth 36.173 MHz</p> <p>Total Power 11.3 dBm</p> <p>Transmit Freq Error -20.570 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 36.34 MHz x dB -6.00 dB</p>

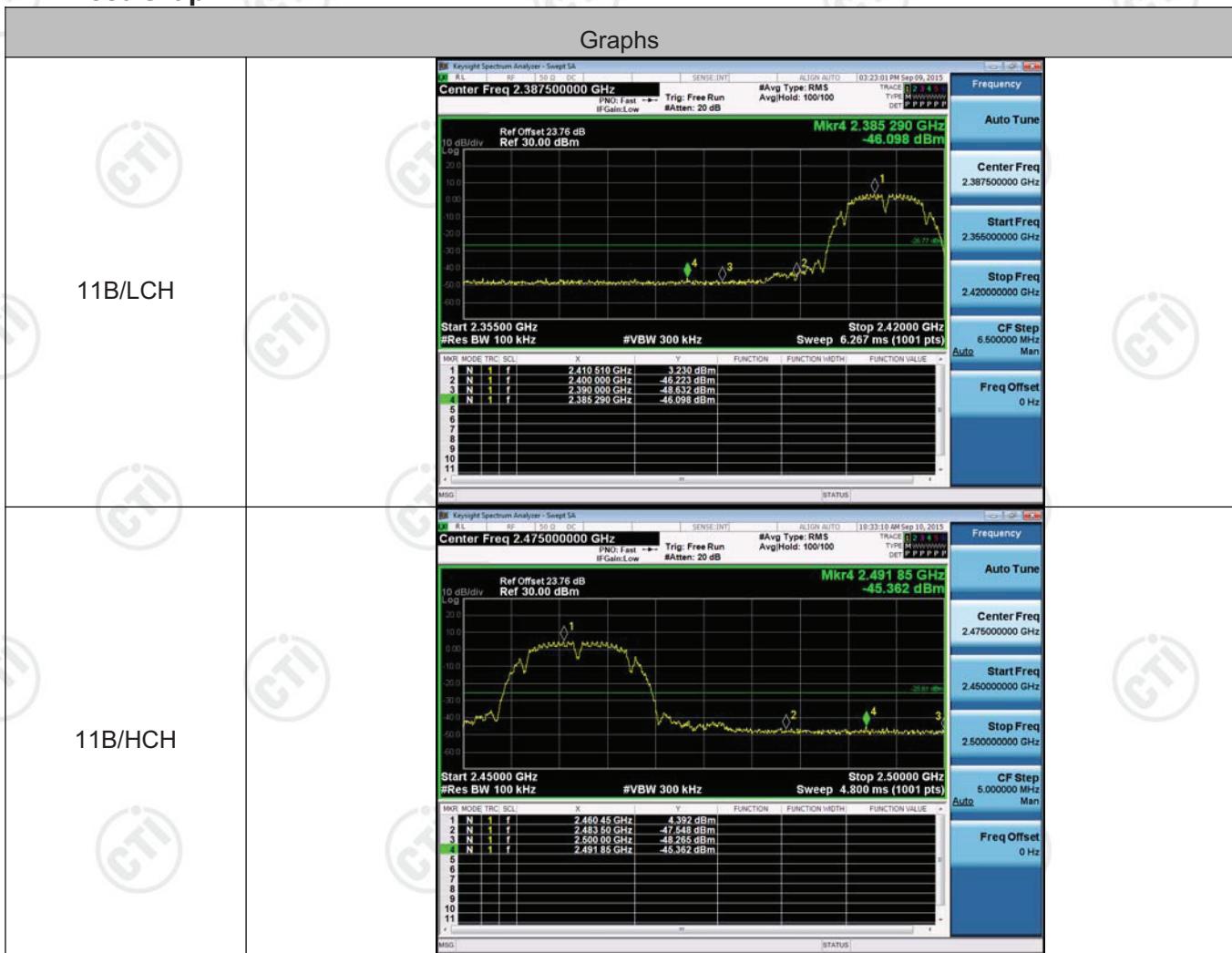


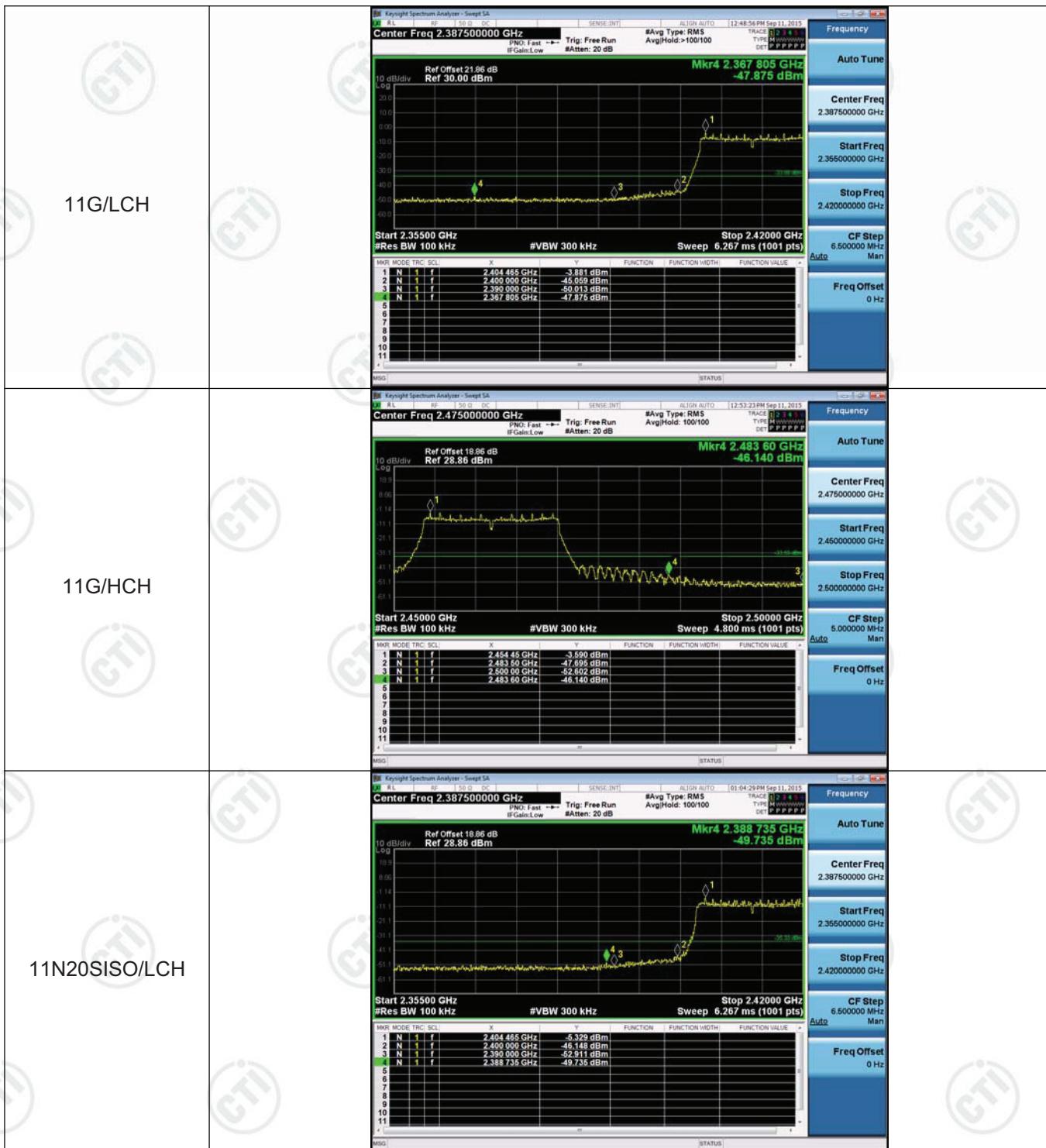
Appendix C) Band-edge for RF Conducted Emissions

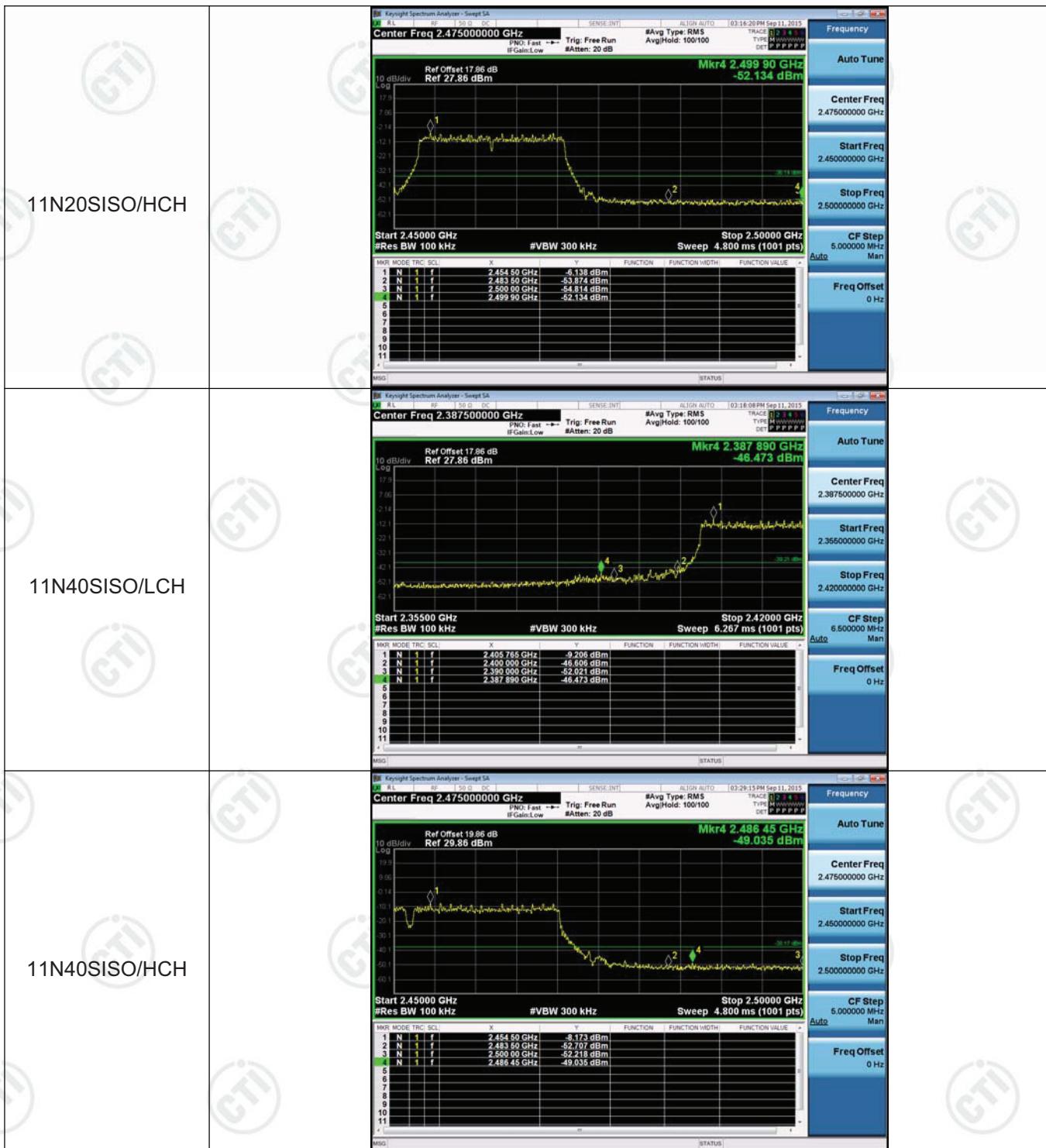
Result Table

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	3.230	-46.098	-26.77	PASS
11B	HCH	4.392	-45.362	-25.61	PASS
11G	LCH	-3.881	-47.875	-33.88	PASS
11G	HCH	-3.590	-46.140	-33.59	PASS
11N20SISO	LCH	-5.329	-49.735	-35.33	PASS
11N20SISO	HCH	-6.138	-52.134	-36.14	PASS
11N40SISO	LCH	-9.206	-46.473	-39.21	PASS
11N40SISO	HCH	-8.173	-49.035	-38.17	PASS

Test Graph







Appendix D) RF Conducted Spurious Emissions

Result

Comply with 20dBc requirement
Pass

Test Graph

