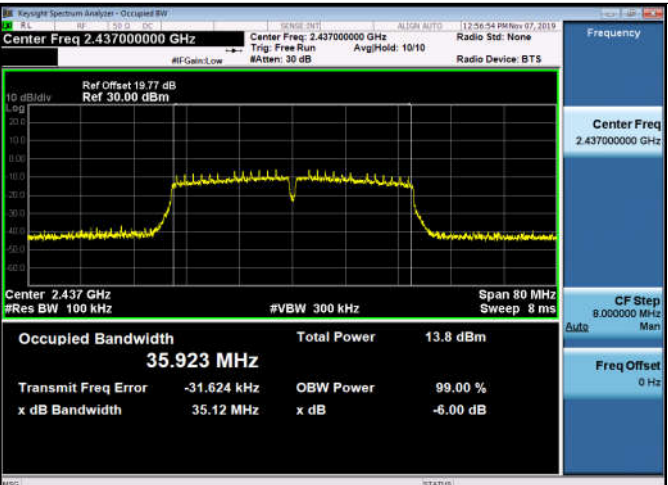
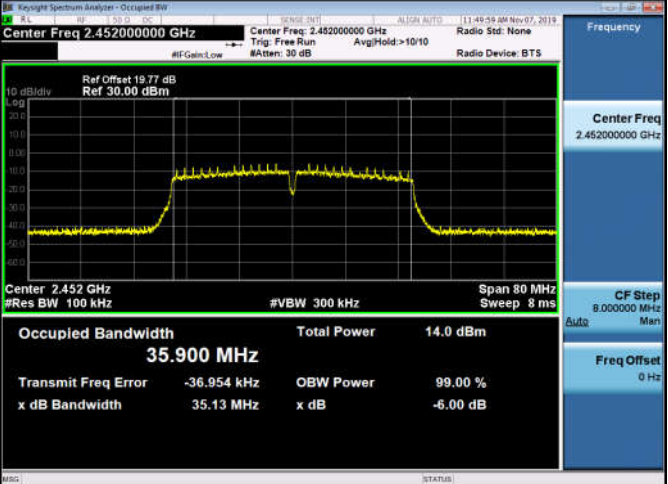
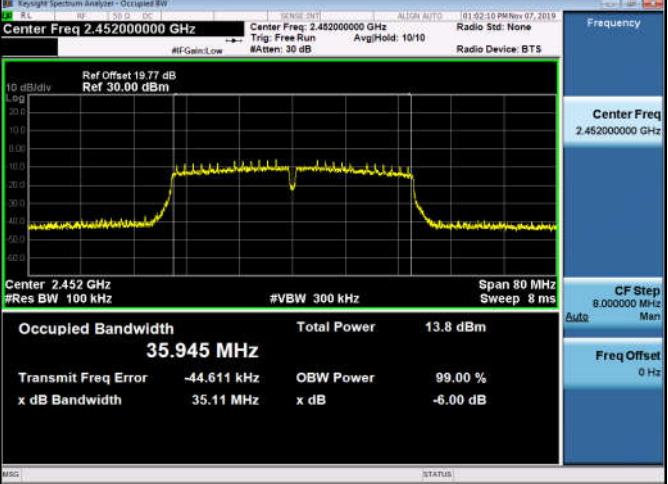
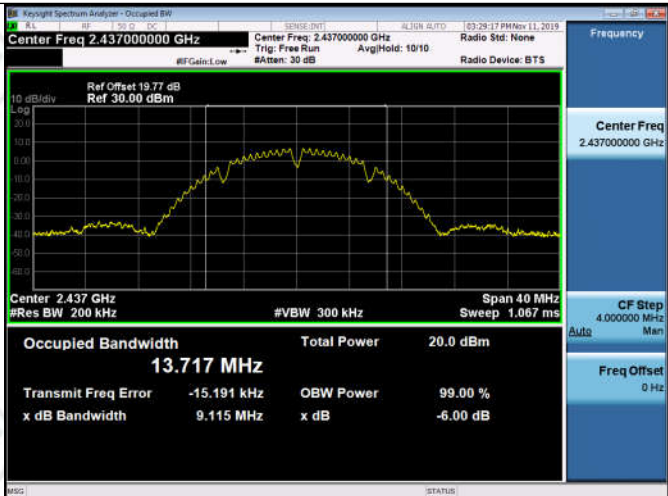
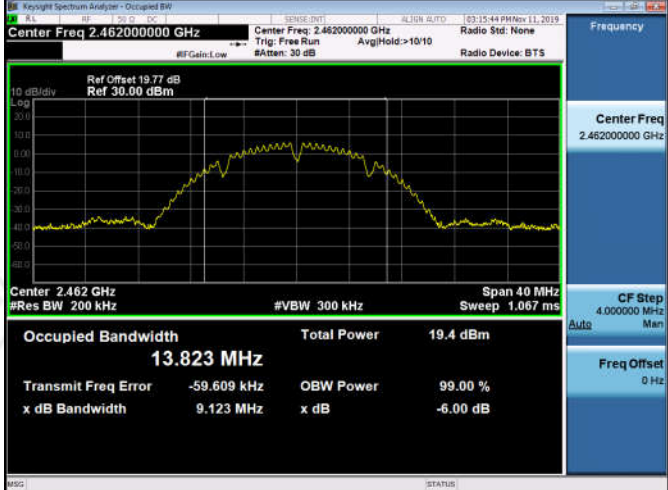
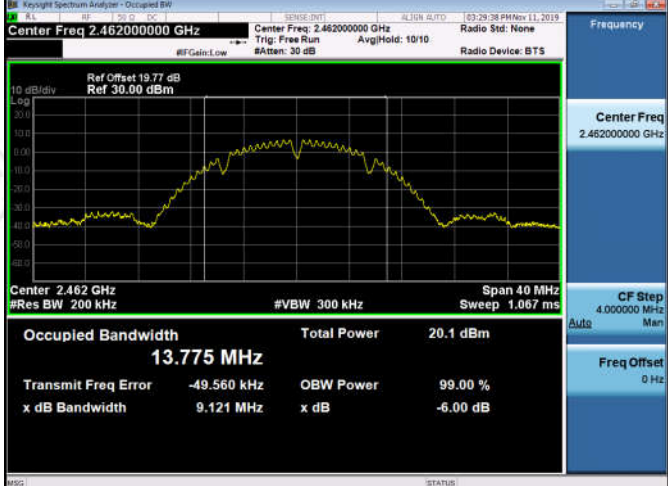
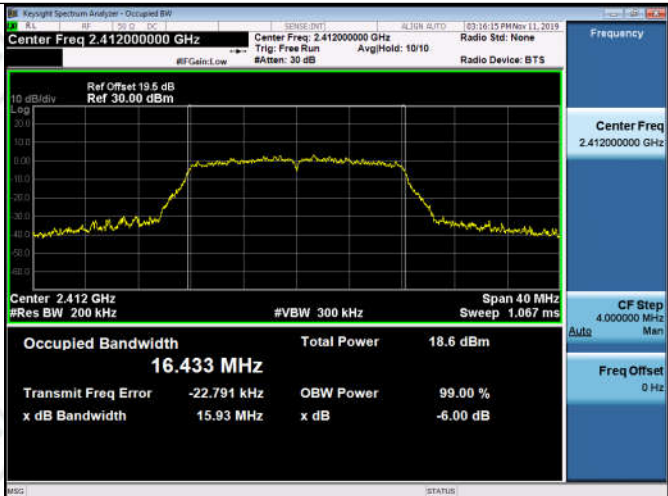
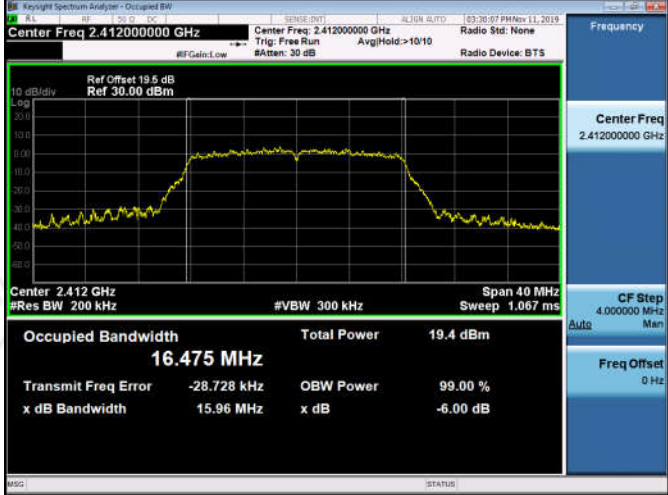
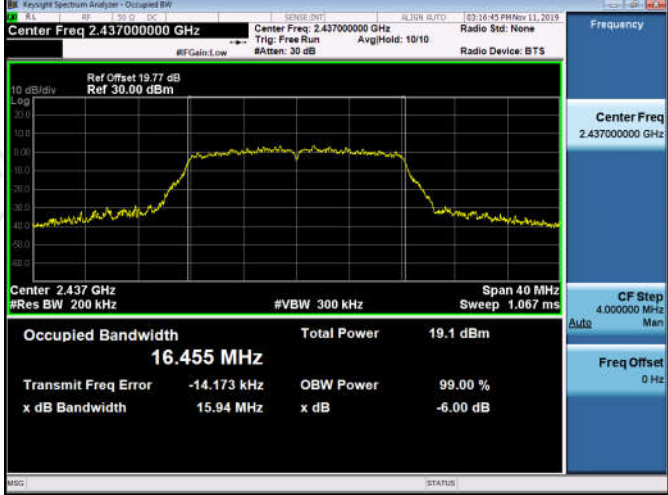


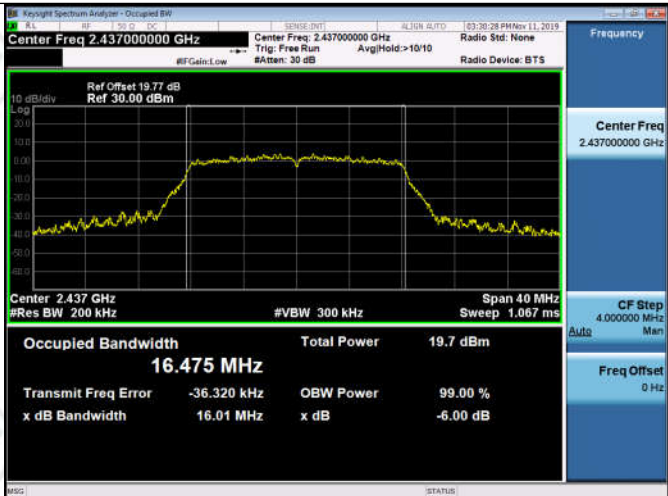
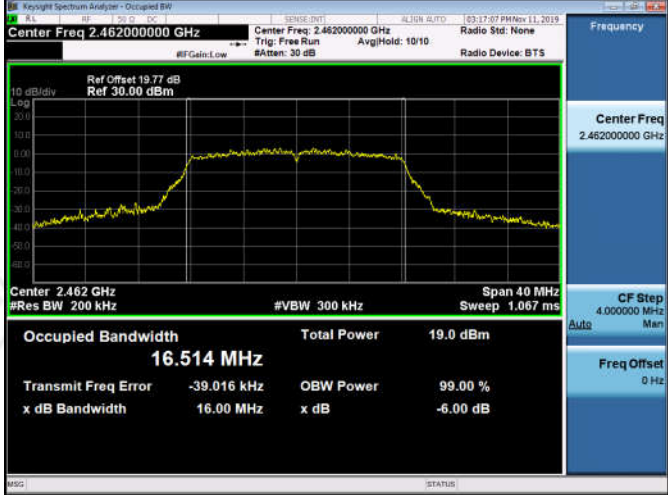
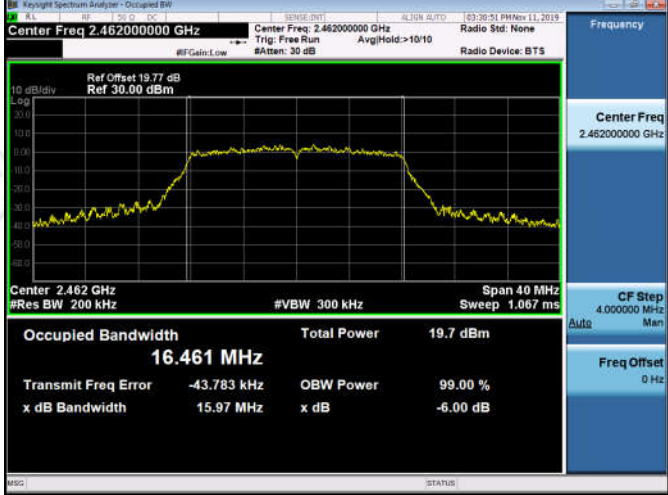
11N40SISO/MCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 100 kHz Occupied Bandwidth 35.923 MHz Total Power 13.8 dBm Transmit Freq Error -31.624 kHz OBW Power 99.00 % x dB Bandwidth 35.12 MHz x dB -6.00 dB
11N40SISO/HCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.452000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.452 GHz #Res BW 100 kHz Occupied Bandwidth 35.900 MHz Total Power 14.0 dBm Transmit Freq Error -36.954 kHz OBW Power 99.00 % x dB Bandwidth 35.13 MHz x dB -6.00 dB
11N40SISO/HCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.452000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.452 GHz #Res BW 100 kHz Occupied Bandwidth 35.945 MHz Total Power 13.8 dBm Transmit Freq Error -44.611 kHz OBW Power 99.00 % x dB Bandwidth 35.11 MHz x dB -6.00 dB

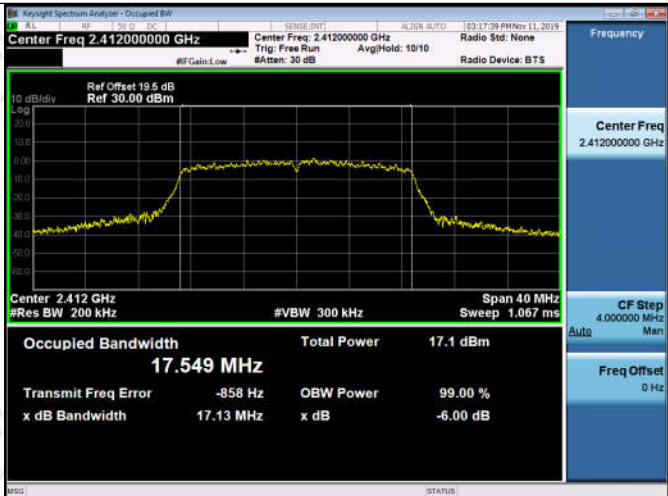
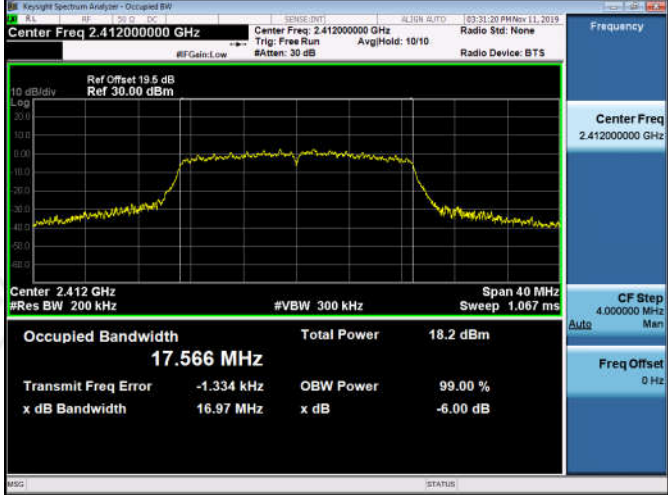
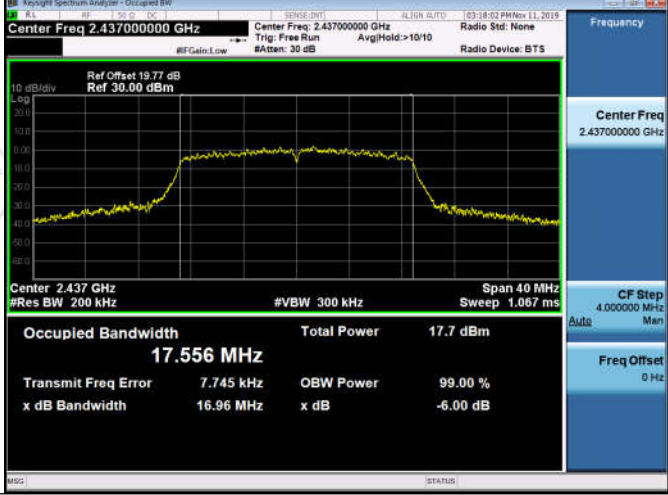
Test Graph For 99% dB Occupied Bandwidth

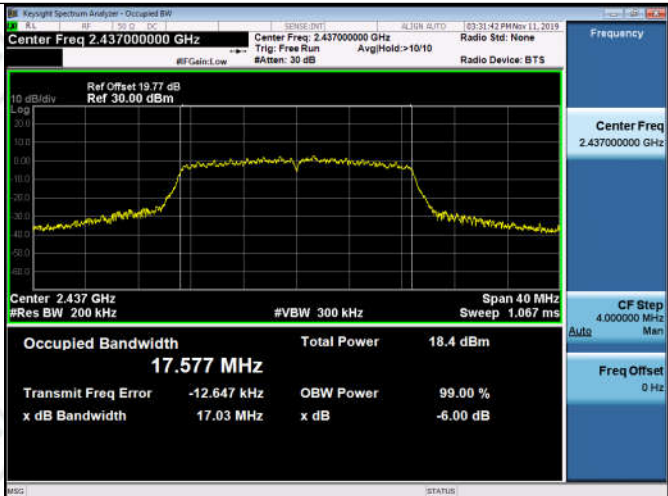
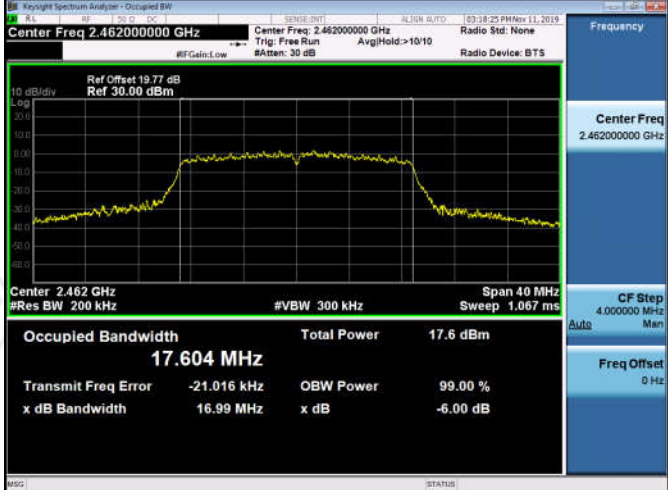
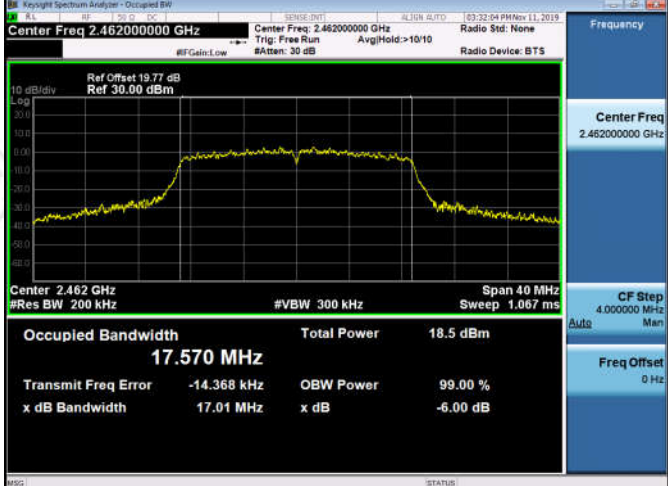


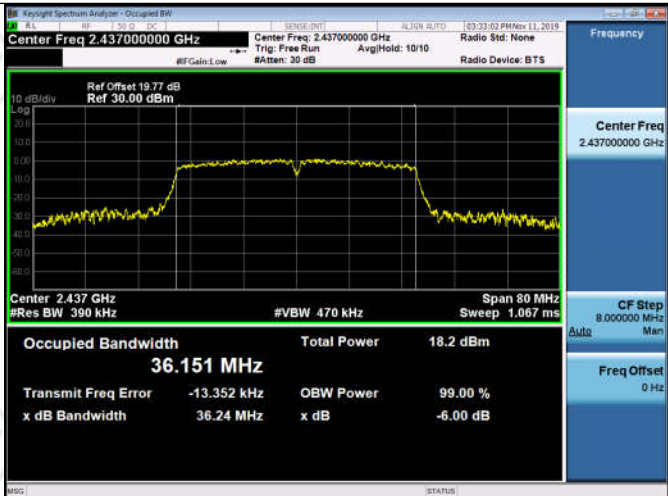
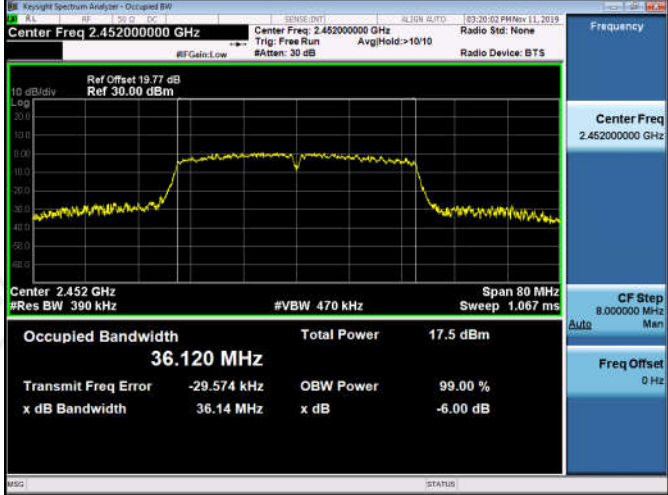
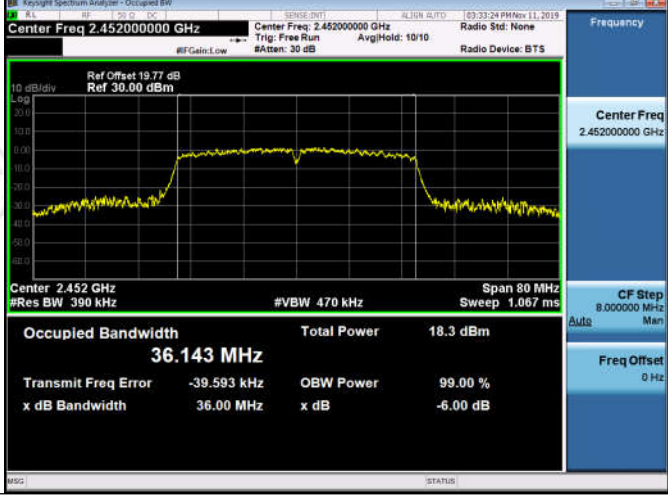
11B/MCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 13.717 MHz Total Power 20.0 dBm Transmit Freq Error -15.191 kHz OBW Power 99.00 % x dB Bandwidth 9.115 MHz x dB -6.00 dB
11B/HCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.462 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 13.823 MHz Total Power 19.4 dBm Transmit Freq Error -59.609 kHz OBW Power 99.00 % x dB Bandwidth 9.123 MHz x dB -6.00 dB
11B/HCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.462 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 13.775 MHz Total Power 20.1 dBm Transmit Freq Error -49.560 kHz OBW Power 99.00 % x dB Bandwidth 9.121 MHz x dB -6.00 dB

11G/LCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.41200000 GHz Ref Offset 19.6 dB Ref 30.00 dBm Center 2.412 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 16.433 MHz Total Power 18.6 dBm Transmit Freq Error -22.791 kHz OBW Power 99.00 % x dB Bandwidth 15.93 MHz x dB -6.00 dB
11G/LCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.41200000 GHz Ref Offset 19.6 dB Ref 30.00 dBm Center 2.412 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 16.475 MHz Total Power 19.4 dBm Transmit Freq Error -28.728 kHz OBW Power 99.00 % x dB Bandwidth 15.96 MHz x dB -6.00 dB
11G/MCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 16.455 MHz Total Power 19.1 dBm Transmit Freq Error -14.173 kHz OBW Power 99.00 % x dB Bandwidth 15.94 MHz x dB -6.00 dB

11G/MCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref Offset 19.77 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 200 kHz #VBW 300 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 16.475 MHz Total Power 19.7 dBm Transmit Freq Error -36.320 kHz OBW Power 99.00 % x dB Bandwidth 16.01 MHz x dB -6.00 dB
11G/HCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Center Freq: 2.462000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref Offset 19.77 dB Ref 30.00 dBm Center 2.462 GHz #Res BW 200 kHz #VBW 300 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 16.514 MHz Total Power 19.0 dBm Transmit Freq Error -39.016 kHz OBW Power 99.00 % x dB Bandwidth 16.00 MHz x dB -6.00 dB
11G/HCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Center Freq: 2.462000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref Offset 19.77 dB Ref 30.00 dBm Center 2.462 GHz #Res BW 200 kHz #VBW 300 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 16.461 MHz Total Power 19.7 dBm Transmit Freq Error -43.783 kHz OBW Power 99.00 % x dB Bandwidth 15.97 MHz x dB -6.00 dB

11N20SISO/LCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.41200000 GHz Ref Offset 19.5 dB Ref 30.00 dBm Center 2.412 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 17.549 MHz Total Power 17.1 dBm Transmit Freq Error -858 Hz OBW Power 99.00 % x dB Bandwidth 17.13 MHz x dB -6.00 dB
11N20SISO/LCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.41200000 GHz Ref Offset 19.5 dB Ref 30.00 dBm Center 2.412 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 17.566 MHz Total Power 18.2 dBm Transmit Freq Error -1.334 kHz OBW Power 99.00 % x dB Bandwidth 16.97 MHz x dB -6.00 dB
11N20SISO/MCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.43700000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 200 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 17.556 MHz Total Power 17.7 dBm Transmit Freq Error 7.745 kHz OBW Power 99.00 % x dB Bandwidth 16.96 MHz x dB -6.00 dB

11N20SISO/MCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 200 kHz #VBW 300 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 17.577 MHz Total Power 18.4 dBm Transmit Freq Error -12.647 kHz OBW Power 99.00 % x dB Bandwidth 17.03 MHz x dB -6.00 dB
11N20SISO/HCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.462 GHz #Res BW 200 kHz #VBW 300 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 17.604 MHz Total Power 17.6 dBm Transmit Freq Error -21.016 kHz OBW Power 99.00 % x dB Bandwidth 16.99 MHz x dB -6.00 dB
11N20SISO/HCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.462 GHz #Res BW 200 kHz #VBW 300 kHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 17.570 MHz Total Power 18.5 dBm Transmit Freq Error -14.368 kHz OBW Power 99.00 % x dB Bandwidth 17.01 MHz x dB -6.00 dB

11N40SISO/MCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 390 kHz Span 80 MHz Sweep 1.067 ms Occupied Bandwidth 36.151 MHz Total Power 18.2 dBm Transmit Freq Error -13.352 kHz OBW Power 99.00 % x dB Bandwidth 36.24 MHz x dB -6.00 dB
11N40SISO/HCH_Ant1	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.452000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.452 GHz #Res BW 390 kHz Span 80 MHz Sweep 1.067 ms Occupied Bandwidth 36.120 MHz Total Power 17.5 dBm Transmit Freq Error -29.574 kHz OBW Power 99.00 % x dB Bandwidth 36.14 MHz x dB -6.00 dB
11N40SISO/HCH_Ant2	 Keyight Spectrum Analyzer - Occupied BW Center Freq 2.452000000 GHz Ref Offset 19.77 dB Ref 30.00 dBm Center 2.452 GHz #Res BW 390 kHz Span 80 MHz Sweep 1.067 ms Occupied Bandwidth 36.143 MHz Total Power 18.3 dBm Transmit Freq Error -39.593 kHz OBW Power 99.00 % x dB Bandwidth 36.00 MHz x dB -6.00 dB

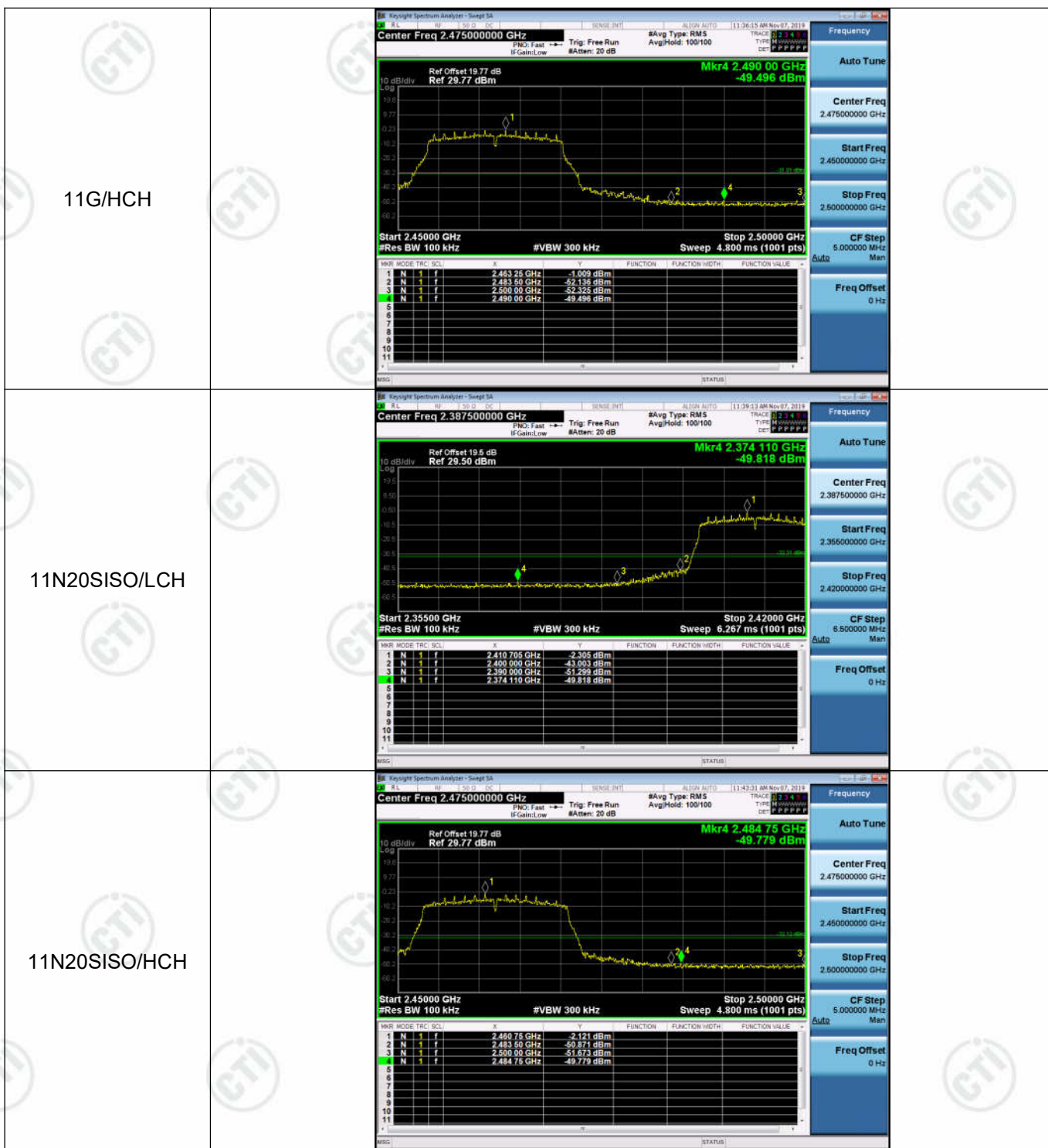
Appendix C): Band-edge for RF Conducted Emissions

Result Table

Mode	Antenna	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	Ant1	LCH	6.107	-49.441	-23.89	PASS
11B	Ant2	LCH	6.367	-49.764	-23.63	PASS
11B	Ant1	HCH	6.484	-49.051	-23.52	PASS
11B	Ant2	HCH	6.106	-49.466	-23.89	PASS
11G	Ant1	LCH	-1.407	-49.624	-31.41	PASS
11G	Ant2	LCH	-0.252	-49.135	-30.25	PASS
11G	Ant1	HCH	-1.009	-49.496	-31.01	PASS
11G	Ant2	HCH	-0.607	-49.246	-30.61	PASS
11N20SISO	Ant1	LCH	-2.305	-49.818	-32.31	PASS
11N20SISO	Ant2	LCH	-1.761	-49.994	-31.76	PASS
11N20SISO	Ant1	HCH	-2.121	-49.779	-32.12	PASS
11N20SISO	Ant2	HCH	-1.907	-48.903	-31.91	PASS
11N40SISO	Ant1	LCH	-5.753	-45.704	-35.75	PASS
11N40SISO	Ant2	LCH	-6.147	-42.150	-36.15	PASS
11N40SISO	Ant1	HCH	-5.980	-48.163	-35.98	PASS
11N40SISO	Ant2	HCH	-6.232	-42.139	-36.23	PASS

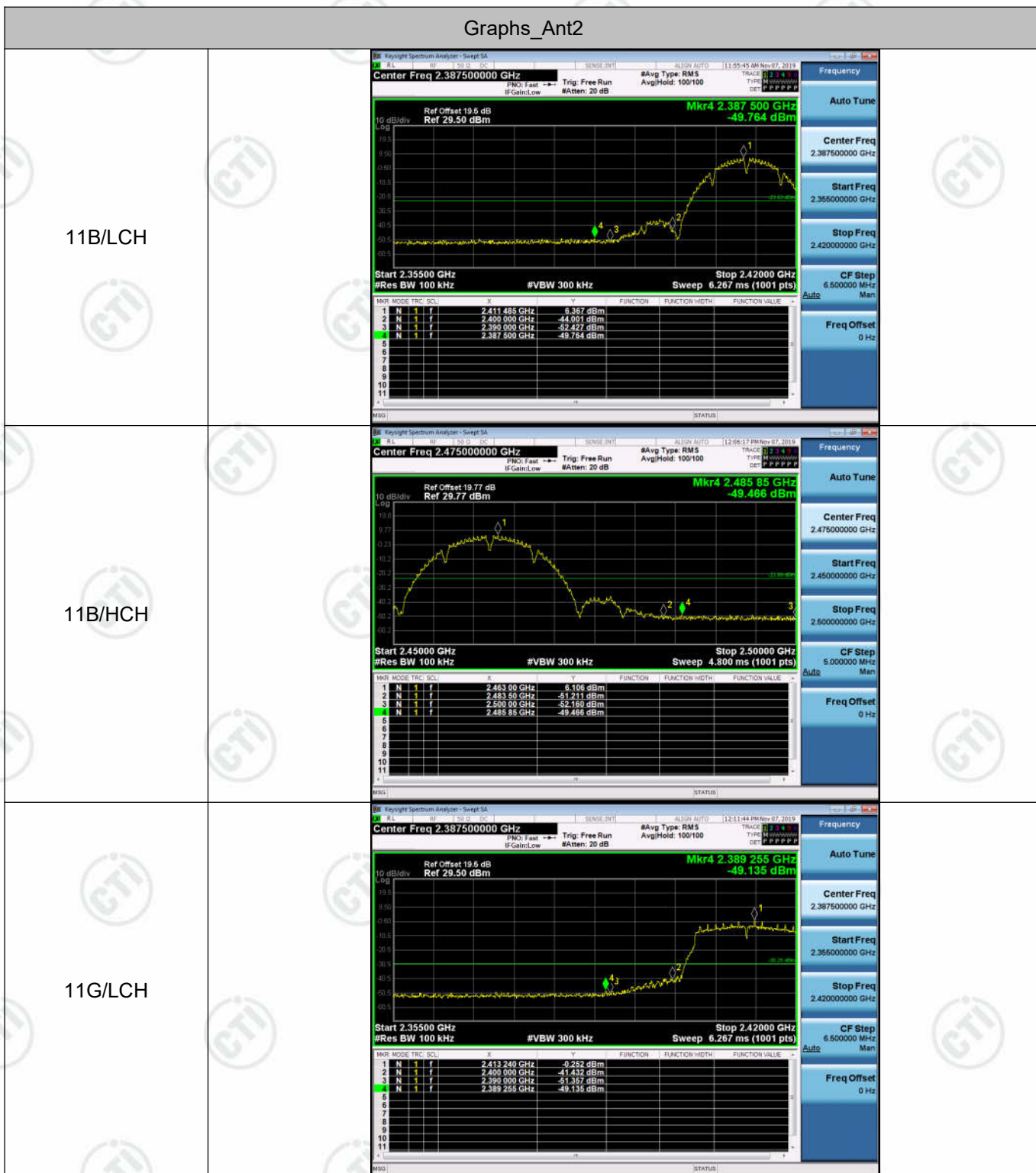
Test Graph

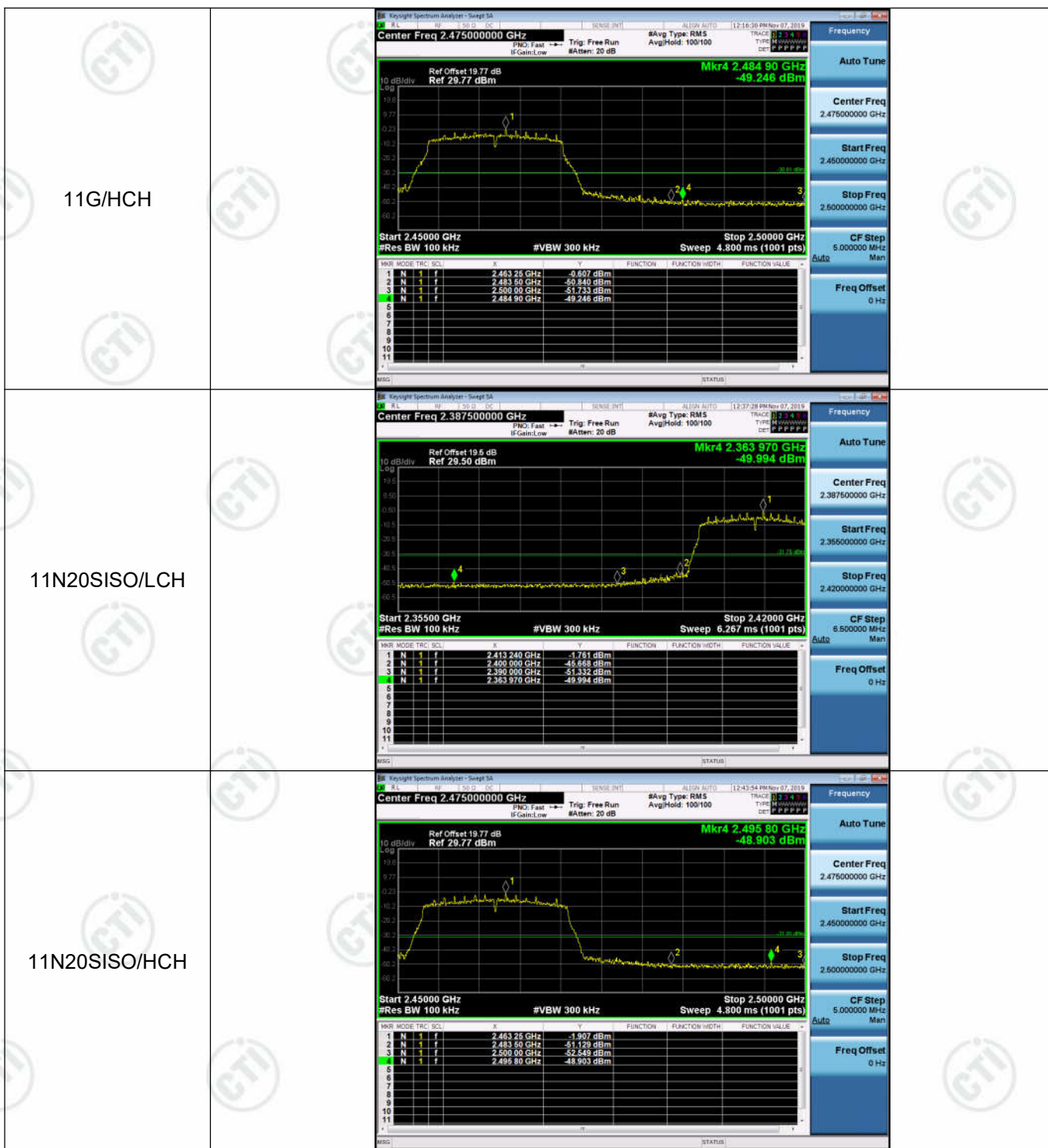


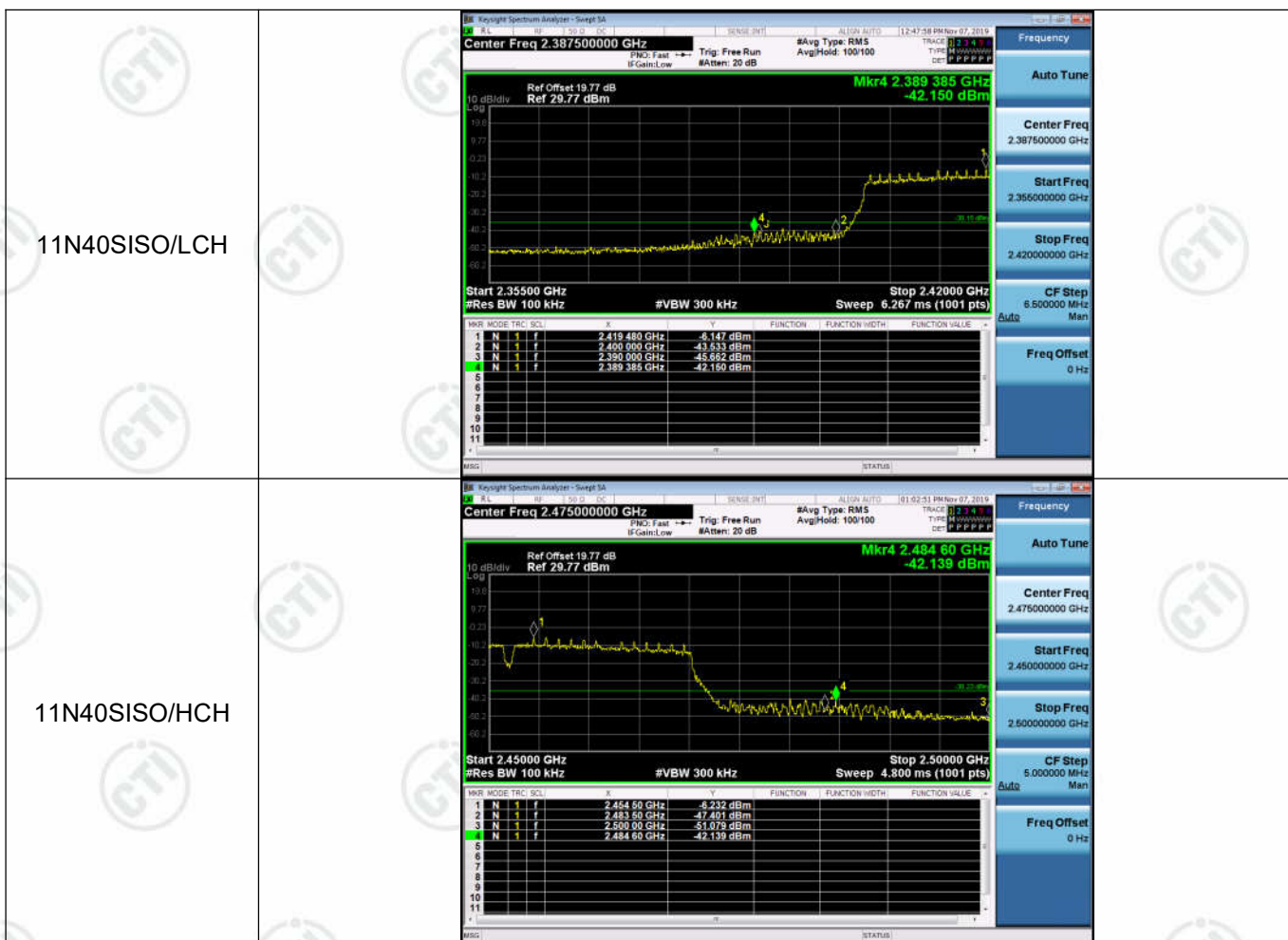




Graphs_Ant2







Appendix D): RF Conducted Spurious Emissions

Result Table

Mode	Antenna	Channel	Power Spectral Density [dBm]	Verdict
11B	Ant1	LCH	-8.970	PASS
11B	Ant2	LCH	-10.133	PASS
11B	Ant1	MCH	-9.575	PASS
11B	Ant2	MCH	-9.788	PASS
11B	Ant1	HCH	-10.039	PASS
11B	Ant2	HCH	-9.956	PASS
11G	Ant1	LCH	-16.418	PASS
11G	Ant2	LCH	-15.068	PASS
11G	Ant1	MCH	-14.143	PASS
11G	Ant2	MCH	-14.289	PASS
11G	Ant1	HCH	-15.697	PASS
11G	Ant2	HCH	-16.502	PASS
11N20SISO	Ant1	LCH	-15.539	PASS
11N20SISO	Ant2	LCH	-17.219	PASS
11N20SISO	Ant1	MCH	-16.976	PASS
11N20SISO	Ant2	MCH	-16.861	PASS
11N20SISO	Ant1	HCH	-17.906	PASS
11N20SISO	Ant2	HCH	-17.931	PASS
11N40SISO	Ant1	LCH	-21.300	PASS
11N40SISO	Ant2	LCH	-21.635	PASS
11N40SISO	Ant1	MCH	-20.939	PASS
11N40SISO	Ant2	MCH	-21.643	PASS
11N40SISO	Ant1	HCH	-20.920	PASS
11N40SISO	Ant2	HCH	-21.622	PASS

Test Graph

