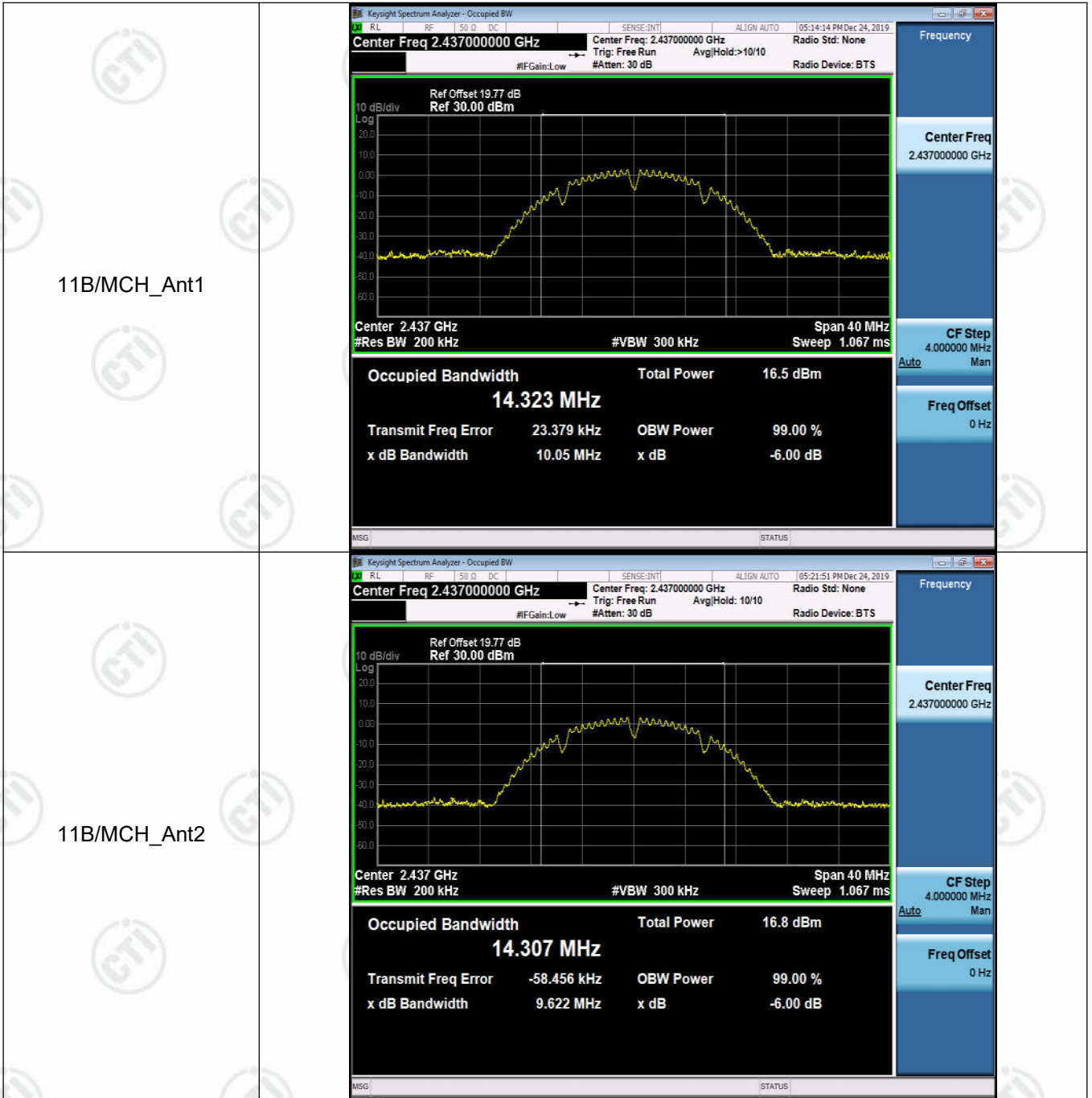
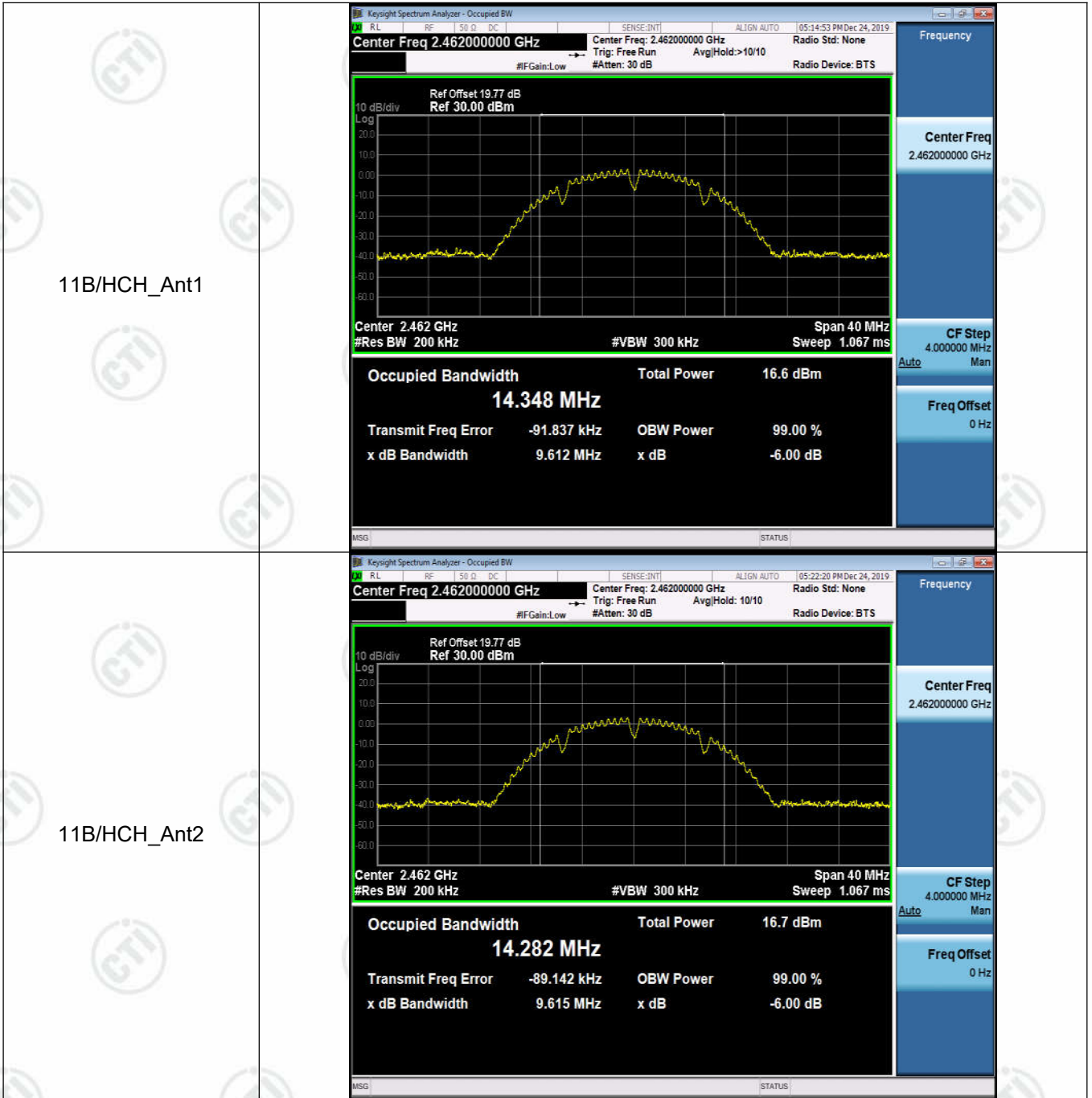




Test Graph For 99% Occupied Bandwidth









<p>11G/MCH_Ant1</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref Offset 19.77 dB</p> <p>Ref 30.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.437 GHz</p> <p>#Res BW 200 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 1.067 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>17.4 dBm</td> </tr> <tr> <td colspan="3">16.424 MHz</td> </tr> <tr> <td>Transmit Freq Error</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>x dB</td> <td>-6.00 dB</td> </tr> <tr> <td>5.532 kHz</td> <td></td> <td></td> </tr> <tr> <td>15.83 MHz</td> <td></td> <td></td> </tr> </table> <p>MSG STATUS</p>	Occupied Bandwidth	Total Power	17.4 dBm	16.424 MHz			Transmit Freq Error	OBW Power	99.00 %	x dB Bandwidth	x dB	-6.00 dB	5.532 kHz			15.83 MHz		
Occupied Bandwidth	Total Power	17.4 dBm																	
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<p>11G/MCH_Ant2</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref Offset 19.77 dB</p> <p>Ref 30.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.437 GHz</p> <p>#Res BW 200 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 1.067 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>17.7 dBm</td> </tr> <tr> <td colspan="3">16.463 MHz</td> </tr> <tr> <td>Transmit Freq Error</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>x dB</td> <td>-6.00 dB</td> </tr> <tr> <td>-47.671 kHz</td> <td></td> <td></td> </tr> <tr> <td>15.77 MHz</td> <td></td> <td></td> </tr> </table> <p>MSG STATUS</p>	Occupied Bandwidth	Total Power	17.7 dBm	16.463 MHz			Transmit Freq Error	OBW Power	99.00 %	x dB Bandwidth	x dB	-6.00 dB	-47.671 kHz			15.77 MHz		
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15.77 MHz																			





<p>11N20SISO/MCH_Ant1</p>	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run Avg/Hold: >10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref Offset 19.77 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Center 2.437 GHz Span 40 MHz #Res BW 200 kHz #VBW 300 kHz Sweep 1.067 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>16.4 dBm</td> </tr> <tr> <td colspan="3">17.513 MHz</td> </tr> <tr> <td>Transmit Freq Error</td> <td>14.889 kHz</td> <td>OBW Power 99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>17.10 MHz</td> <td>x dB -6.00 dB</td> </tr> </table> <p>MSG STATUS</p>	Occupied Bandwidth	Total Power	16.4 dBm	17.513 MHz			Transmit Freq Error	14.889 kHz	OBW Power 99.00 %	x dB Bandwidth	17.10 MHz	x dB -6.00 dB
Occupied Bandwidth	Total Power	16.4 dBm											
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<p>11N20SISO/MCH_Ant2</p>	 <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run Avg/Hold: >10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref Offset 19.77 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Center 2.437 GHz Span 40 MHz #Res BW 200 kHz #VBW 300 kHz Sweep 1.067 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>16.7 dBm</td> </tr> <tr> <td colspan="3">17.539 MHz</td> </tr> <tr> <td>Transmit Freq Error</td> <td>-6.672 kHz</td> <td>OBW Power 99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>16.91 MHz</td> <td>x dB -6.00 dB</td> </tr> </table> <p>MSG STATUS</p>	Occupied Bandwidth	Total Power	16.7 dBm	17.539 MHz			Transmit Freq Error	-6.672 kHz	OBW Power 99.00 %	x dB Bandwidth	16.91 MHz	x dB -6.00 dB
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Transmit Freq Error	-6.672 kHz	OBW Power 99.00 %											
x dB Bandwidth	16.91 MHz	x dB -6.00 dB											

<p>11N20SISO/HCH_Ant1</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz</p> <p>Center Freq: 2.46200000 GHz Trig: Free Run #Gain: Low #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 19.77 dB Ref 30.00 dBm</p> <p>Center 2.462 GHz #Res BW 200 kHz #VBW 300 kHz Span 40 MHz Sweep 1.067 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>16.4 dBm</td> </tr> <tr> <td colspan="3">17.526 MHz</td> </tr> <tr> <td>Transmit Freq Error</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table> <p>MSG STATUS</p>	Occupied Bandwidth	Total Power	16.4 dBm	17.526 MHz			Transmit Freq Error	OBW Power	99.00 %	x dB Bandwidth	x dB	-6.00 dB
Occupied Bandwidth	Total Power	16.4 dBm											
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x dB Bandwidth	x dB	-6.00 dB											
<p>11N20SISO/HCH_Ant2</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz</p> <p>Center Freq: 2.46200000 GHz Trig: Free Run #Gain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 19.77 dB Ref 30.00 dBm</p> <p>Center 2.462 GHz #Res BW 200 kHz #VBW 300 kHz Span 40 MHz Sweep 1.067 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>16.7 dBm</td> </tr> <tr> <td colspan="3">17.526 MHz</td> </tr> <tr> <td>Transmit Freq Error</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table> <p>MSG STATUS</p>	Occupied Bandwidth	Total Power	16.7 dBm	17.526 MHz			Transmit Freq Error	OBW Power	99.00 %	x dB Bandwidth	x dB	-6.00 dB
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17.526 MHz													
Transmit Freq Error	OBW Power	99.00 %											
x dB Bandwidth	x dB	-6.00 dB											

<p>11N40SISO/LCH_Ant1</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.42200000 GHz</p> <p>Center Freq: 2.42200000 GHz Trig: Free Run Avg/Hold: 10/10 #FGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>Ref Offset 19.77 dB Ref 30.00 dBm</p> <p>Center 2.422 GHz Span 80 MHz #Res BW 390 kHz #VBW 1.2 MHz Sweep 1.067 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>16.7 dBm</td> </tr> <tr> <td>35.903 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>13.606 kHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> <tr> <td>x dB Bandwidth</td> <td></td> <td></td> </tr> <tr> <td>34.74 MHz</td> <td></td> <td></td> </tr> </table>	Occupied Bandwidth	Total Power	16.7 dBm	35.903 MHz			Transmit Freq Error	OBW Power	99.00 %	13.606 kHz	x dB	-6.00 dB	x dB Bandwidth			34.74 MHz		
Occupied Bandwidth	Total Power	16.7 dBm																	
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<p>11N40SISO/LCH_Ant2</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.42200000 GHz</p> <p>Center Freq: 2.42200000 GHz Trig: Free Run Avg/Hold: >10/10 #FGain:Low #Atten: 30 dB Radio Device: BTS</p> <p>Ref Offset 19.77 dB Ref 30.00 dBm</p> <p>Center 2.422 GHz Span 80 MHz #Res BW 390 kHz #VBW 1.2 MHz Sweep 1.067 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>16.8 dBm</td> </tr> <tr> <td>35.886 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>-50.262 kHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> <tr> <td>x dB Bandwidth</td> <td></td> <td></td> </tr> <tr> <td>34.13 MHz</td> <td></td> <td></td> </tr> </table>	Occupied Bandwidth	Total Power	16.8 dBm	35.886 MHz			Transmit Freq Error	OBW Power	99.00 %	-50.262 kHz	x dB	-6.00 dB	x dB Bandwidth			34.13 MHz		
Occupied Bandwidth	Total Power	16.8 dBm																	
35.886 MHz																			
Transmit Freq Error	OBW Power	99.00 %																	
-50.262 kHz	x dB	-6.00 dB																	
x dB Bandwidth																			
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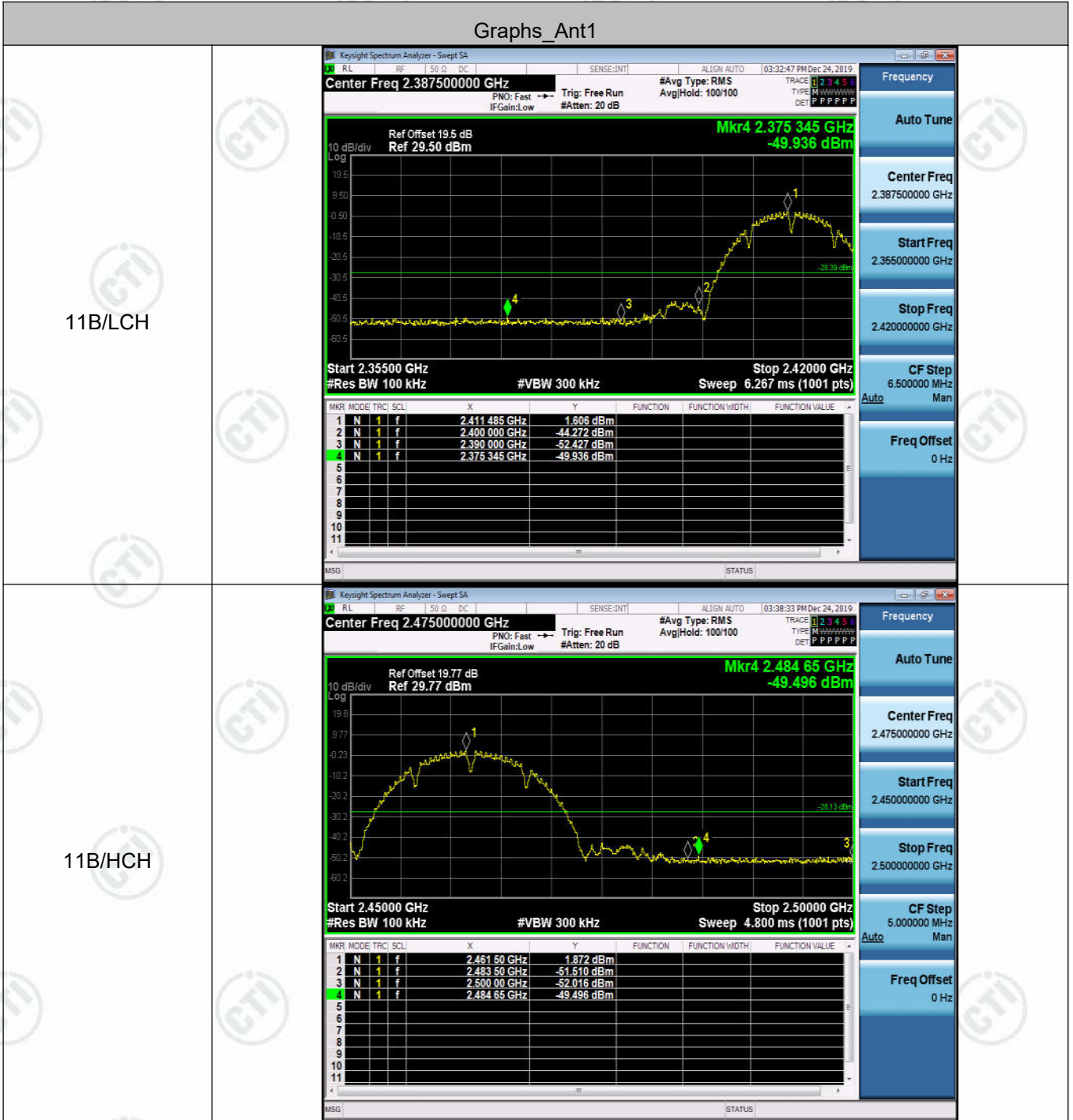


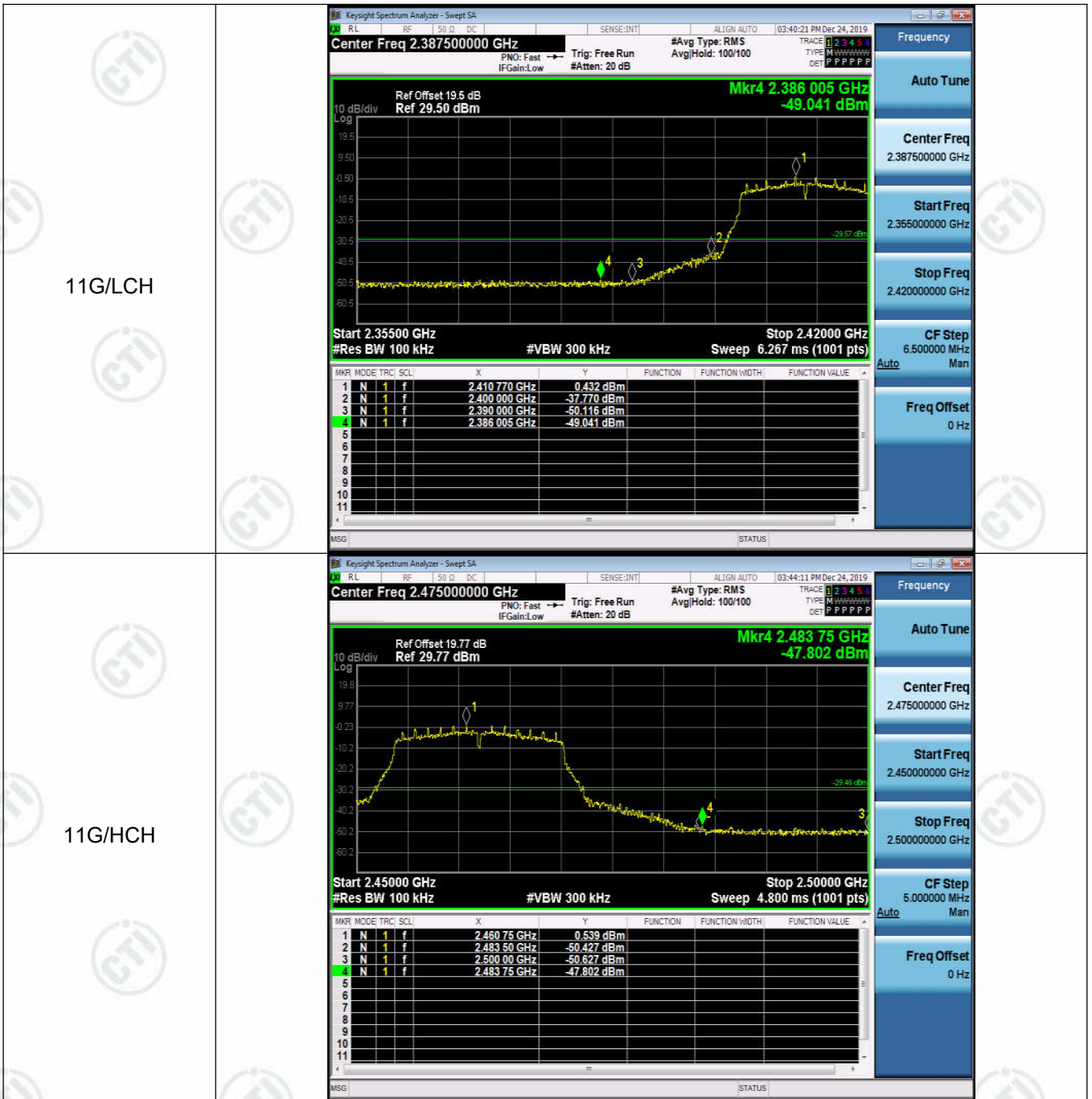
Appendix C): Band-edge for RF Conducted Emissions

Result Table

Mode	Antenna	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	Ant1	LCH	1.606	-49.936	-28.39	PASS
11B	Ant2	LCH	1.817	-49.837	-28.18	PASS
11B	Ant1	HCH	1.872	-49.496	-28.13	PASS
11B	Ant2	HCH	2.063	-49.795	-27.94	PASS
11G	Ant1	LCH	0.432	-49.041	-29.57	PASS
11G	Ant2	LCH	0.882	-48.427	-29.12	PASS
11G	Ant1	HCH	0.539	-47.802	-29.46	PASS
11G	Ant2	HCH	1.012	-47.616	-28.99	PASS
11N20SISO	Ant1	LCH	-0.222	-48.499	-30.22	PASS
11N20SISO	Ant2	LCH	0.108	-48.235	-29.89	PASS
11N20SISO	Ant1	HCH	-0.141	-48.935	-30.14	PASS
11N20SISO	Ant2	HCH	-0.234	-48.835	-30.23	PASS
11N40SISO	Ant1	LCH	-2.943	-42.501	-32.94	PASS
11N40SISO	Ant2	LCH	-2.010	-41.683	-32.01	PASS
11N40SISO	Ant1	HCH	-2.640	-43.683	-32.64	PASS
11N40SISO	Ant2	HCH	-2.327	-43.954	-32.33	PASS

Test Graph

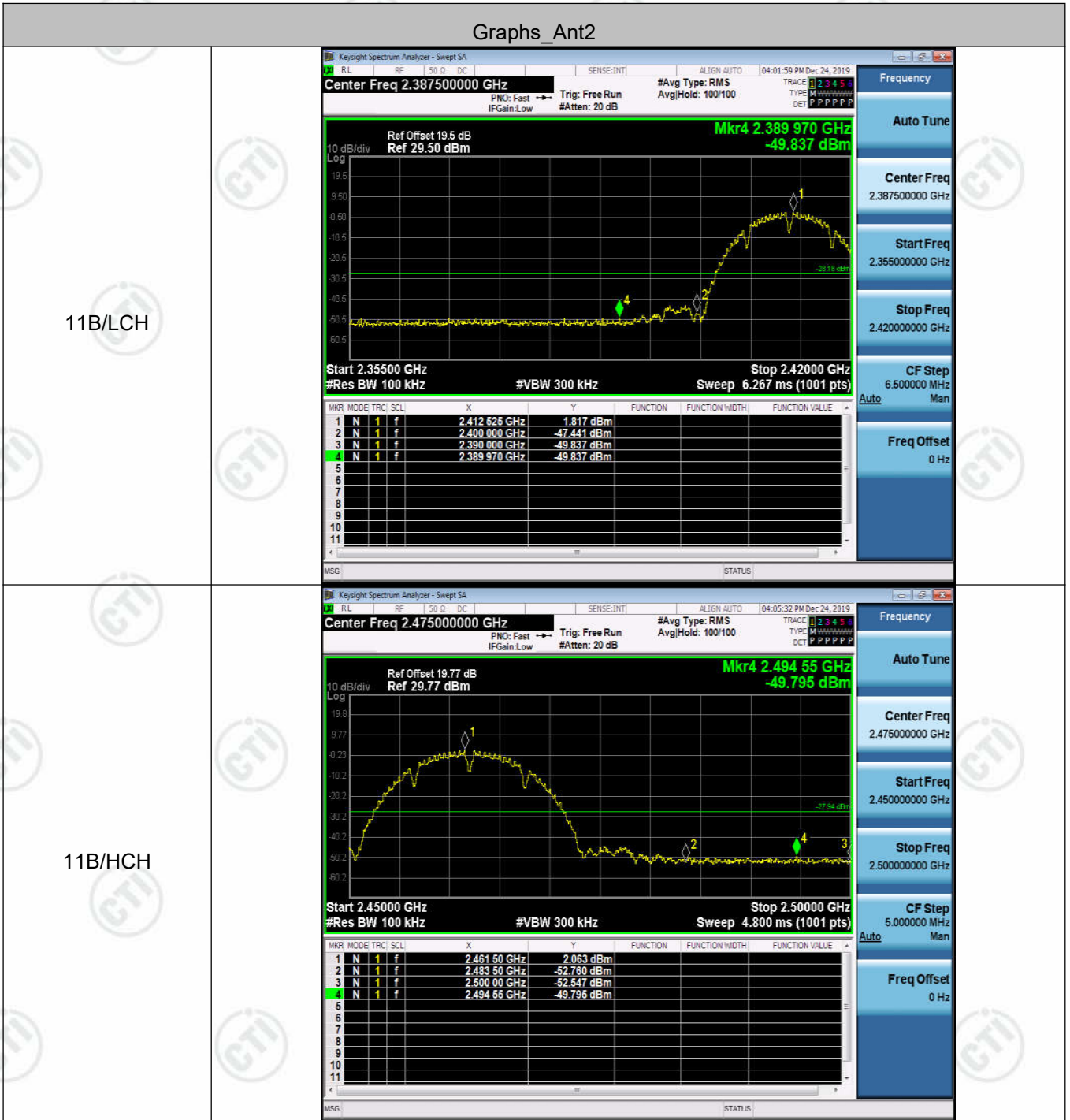


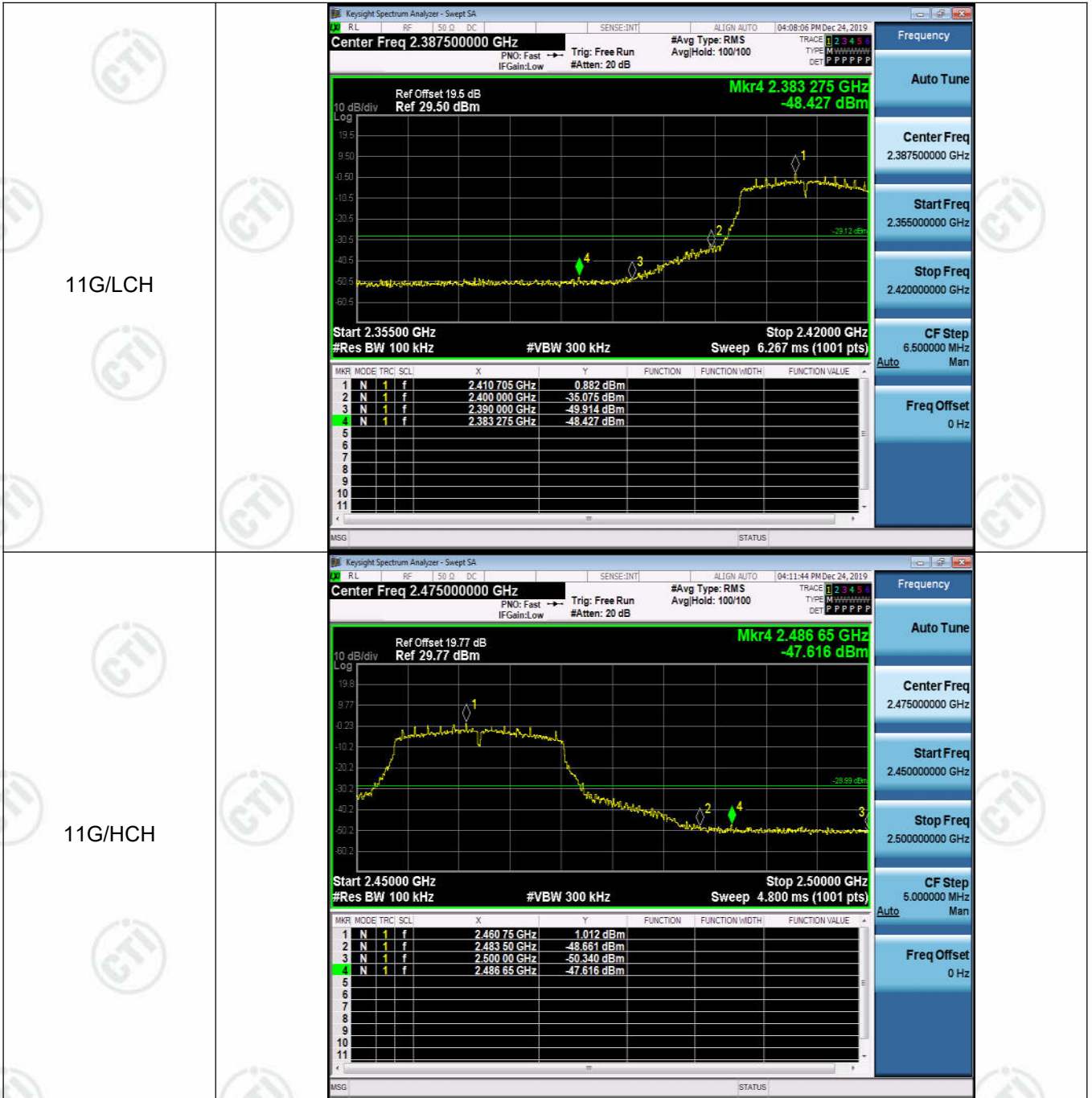


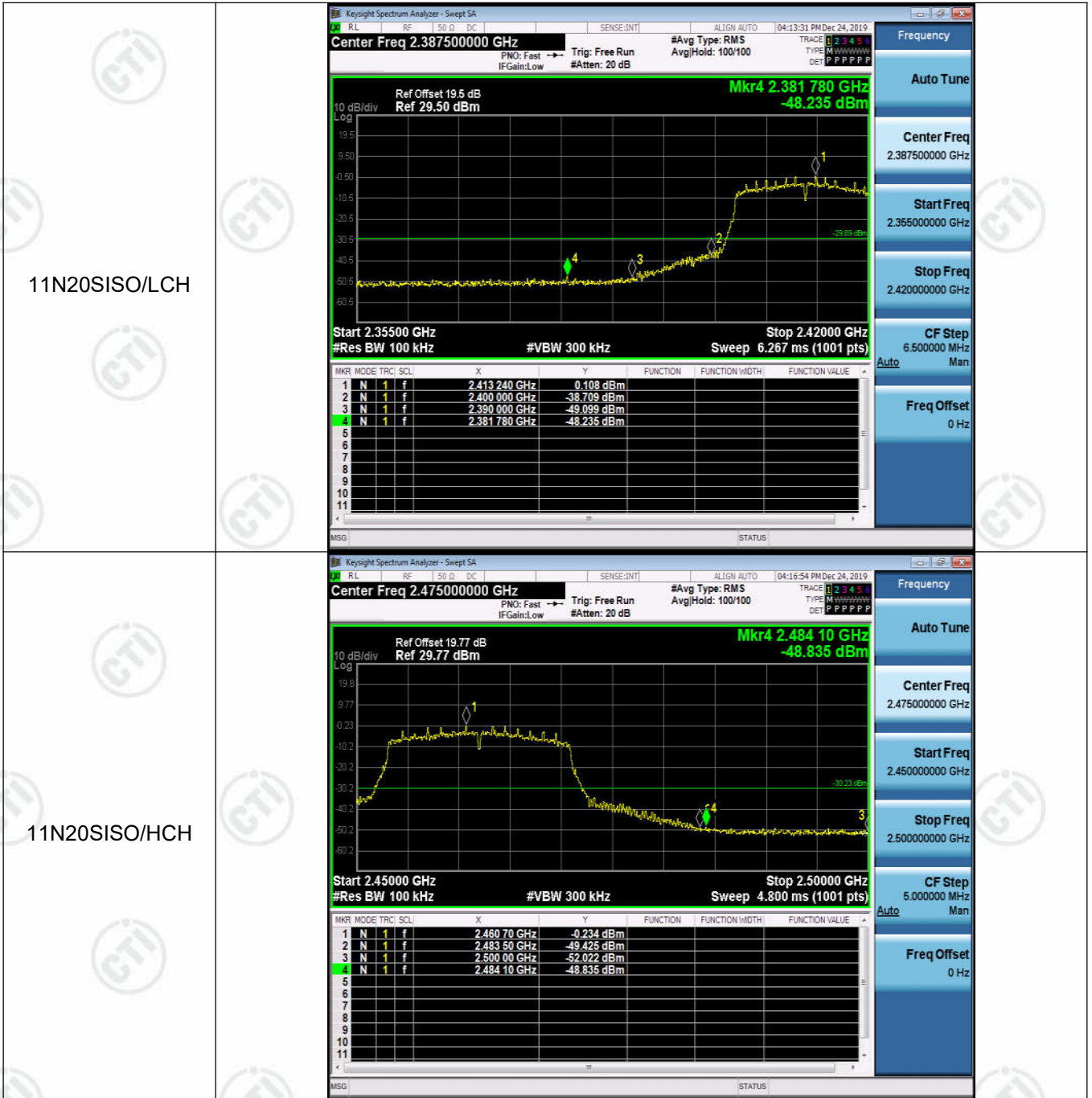


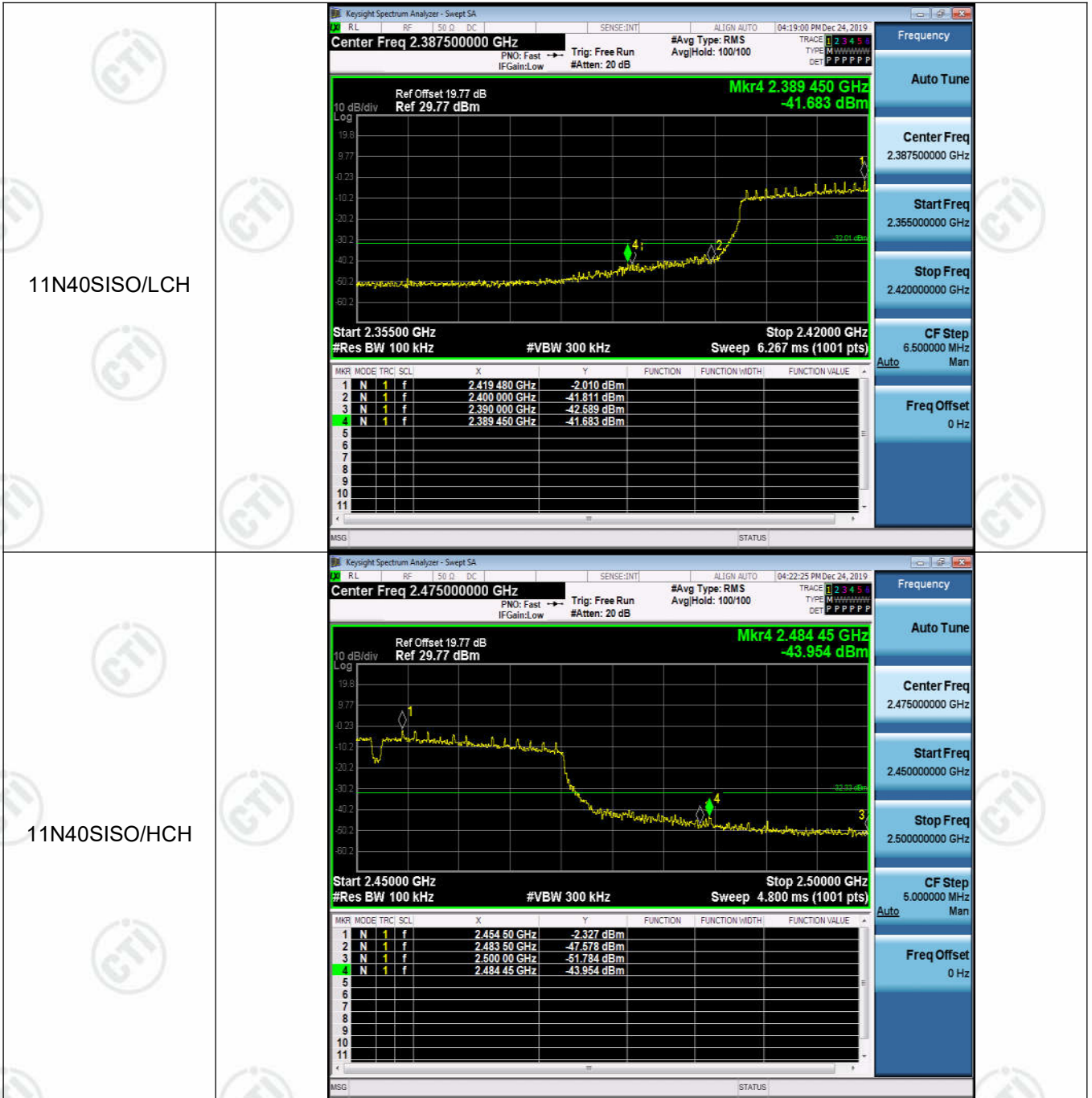


Graphs_Ant2









Appendix D): RF Conducted Spurious Emissions

Result Table

Mode	Antenna	Channel	Pref [dBm]	Puw[dBm]	Verdict
11B	Ant1	LCH	1.695	<Limit	PASS
11B	Ant2	LCH	1.964	<Limit	PASS
11B	Ant1	MCH	1.767	<Limit	PASS
11B	Ant2	MCH	2.075	<Limit	PASS
11B	Ant1	HCH	2.001	<Limit	PASS
11B	Ant2	HCH	2.15	<Limit	PASS
11G	Ant1	LCH	0.529	<Limit	PASS
11G	Ant2	LCH	1.502	<Limit	PASS
11G	Ant1	MCH	1.125	<Limit	PASS
11G	Ant2	MCH	0.551	<Limit	PASS
11G	Ant1	HCH	1.244	<Limit	PASS
11G	Ant2	HCH	1.176	<Limit	PASS
11N20SISO	Ant1	LCH	-0.803	<Limit	PASS
11N20SISO	Ant2	LCH	0.394	<Limit	PASS
11N20SISO	Ant1	MCH	-0.269	<Limit	PASS
11N20SISO	Ant2	MCH	0.613	<Limit	PASS
11N20SISO	Ant1	HCH	0.314	<Limit	PASS
11N20SISO	Ant2	HCH	0.617	<Limit	PASS
11N40SISO	Ant1	LCH	-2.61	<Limit	PASS
11N40SISO	Ant2	LCH	-2.026	<Limit	PASS
11N40SISO	Ant1	MCH	-2.431	<Limit	PASS
11N40SISO	Ant2	MCH	-2.356	<Limit	PASS
11N40SISO	Ant1	HCH	-2.142	<Limit	PASS
11N40SISO	Ant2	HCH	-2.081	<Limit	PASS

Test Graph



