

Appendix C) Band-edge for RF Conducted Emissions

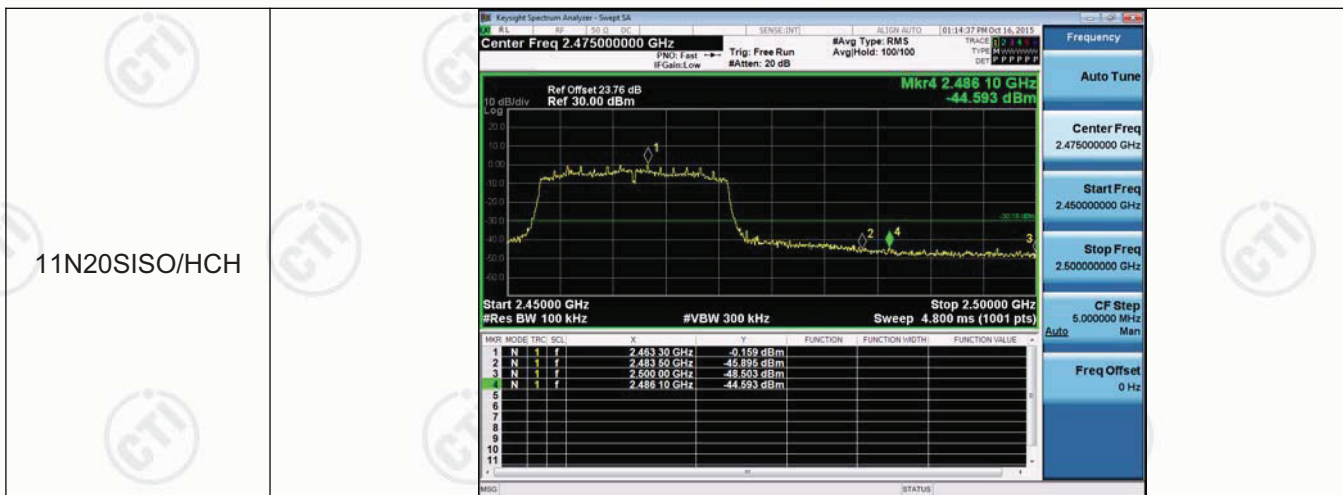
Result Table

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	3.385	-45.753	-26.62	PASS
11B	HCH	3.990	-45.149	-26.01	PASS
11G	LCH	0.931	-42.835	-29.07	PASS
11G	HCH	0.234	-44.100	-29.77	PASS
11N20SISO	LCH	0.079	-45.107	-29.92	PASS
11N20SISO	HCH	-0.159	-44.593	-30.16	PASS

Test Graph



11G/LCH	Keyight Spectrum Analyzer - Sweep SA Center Freq 2.387500000 GHz Ref Offset 23.76 dB Ref 30.00 dBm Mkr4 2.389 905 GHz -42.835 dBm Start 2.35500 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.42000 GHz Sweep 6.267 ms (1001 pts) <table><tr><th>MARK</th><th>MODE</th><th>TRC</th><th>SCL</th><th>F</th><th>M</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.413 306 GHz</td><td>0.931 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.400 000 GHz</td><td>-38.870 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.390 000 GHz</td><td>-43.080 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.389 905 GHz</td><td>-42.835 dBm</td><td></td><td></td><td></td></tr></table> Frequency Auto Tune Center Freq 2.387500000 GHz Start Freq 2.355000000 GHz Stop Freq 2.420000000 GHz CF Step 6.500000 MHz Man Freq Offset 0 Hz	MARK	MODE	TRC	SCL	F	M	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.413 306 GHz	0.931 dBm				2	N	1	f	2.400 000 GHz	-38.870 dBm				3	N	1	f	2.390 000 GHz	-43.080 dBm				4	N	1	f	2.389 905 GHz	-42.835 dBm			
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11G/HCH	Keyight Spectrum Analyzer - Sweep SA Center Freq 2.475000000 GHz Ref Offset 23.76 dB Ref 30.00 dBm Mkr4 2.484 85 GHz -44.100 dBm Start 2.45000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.50000 GHz Sweep 4.800 ms (1001 pts) <table><tr><th>MARK</th><th>MODE</th><th>TRC</th><th>SCL</th><th>F</th><th>M</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.460 76 GHz</td><td>0.234 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 50 GHz</td><td>-44.267 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.500 00 GHz</td><td>-46.958 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.484 85 GHz</td><td>-44.100 dBm</td><td></td><td></td><td></td></tr></table> Frequency Auto Tune Center Freq 2.475000000 GHz Start Freq 2.450000000 GHz Stop Freq 2.500000000 GHz CF Step 6.500000 MHz Man Freq Offset 0 Hz	MARK	MODE	TRC	SCL	F	M	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.460 76 GHz	0.234 dBm				2	N	1	f	2.483 50 GHz	-44.267 dBm				3	N	1	f	2.500 00 GHz	-46.958 dBm				4	N	1	f	2.484 85 GHz	-44.100 dBm			
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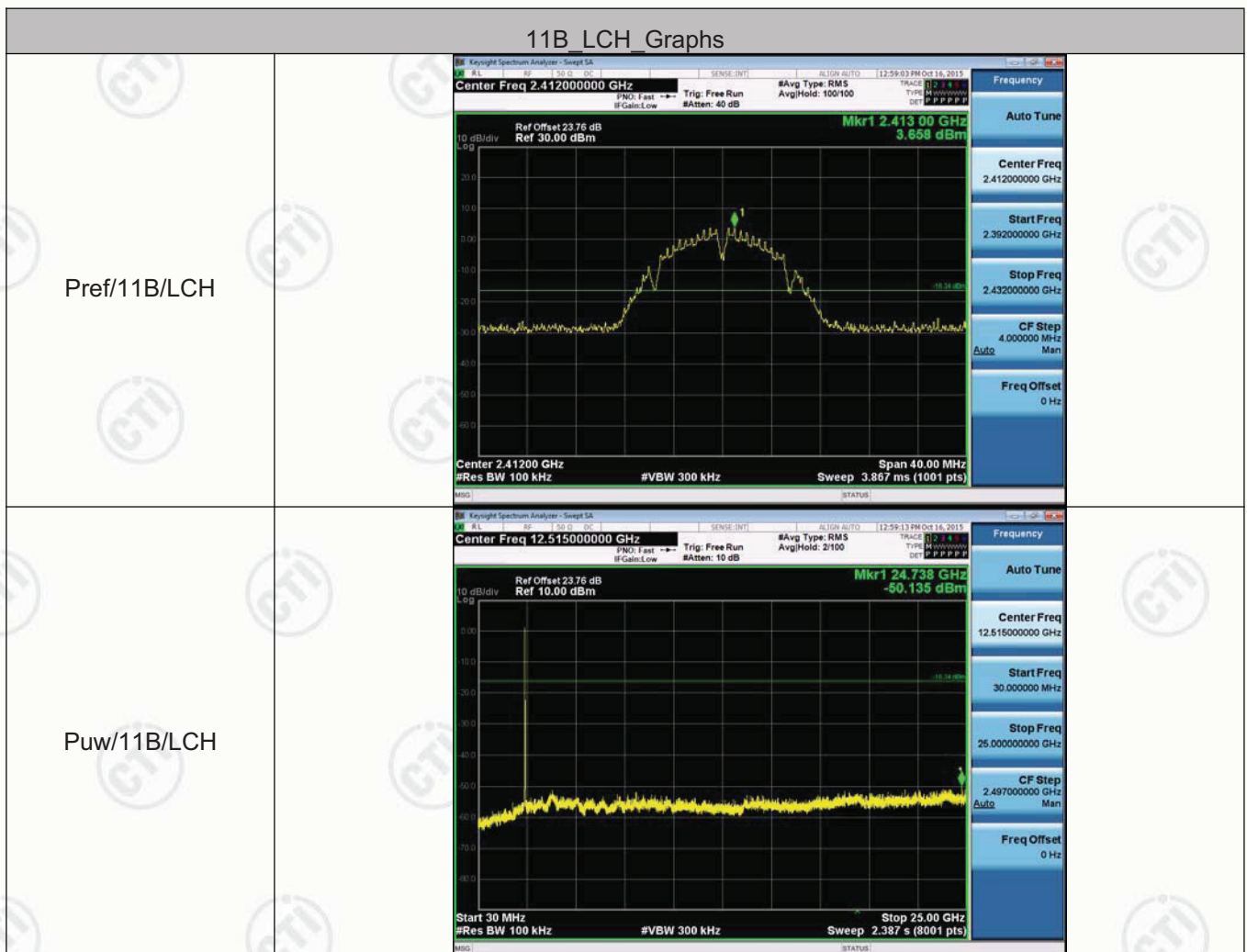


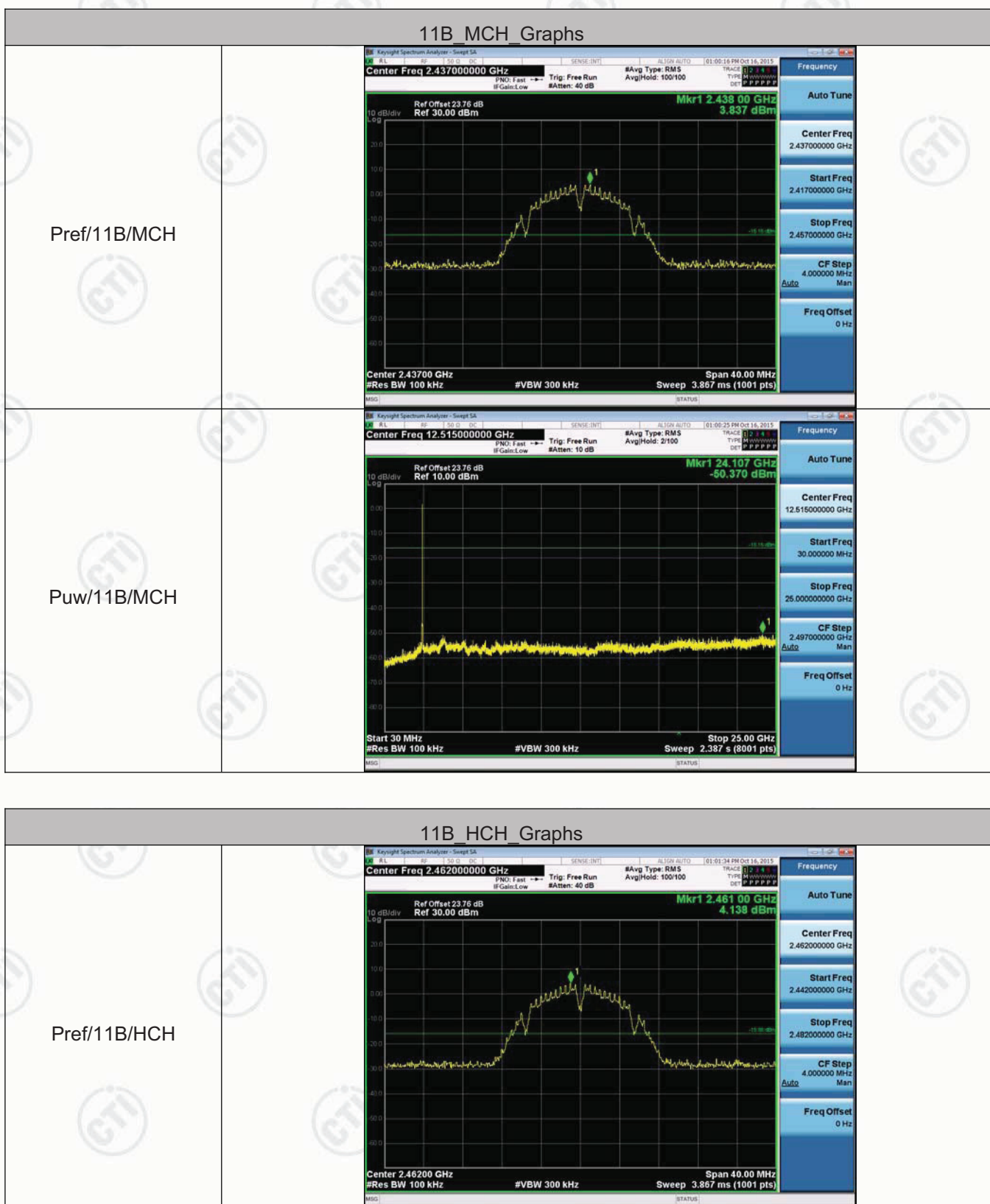
Appendix D) RF Conducted Spurious Emissions

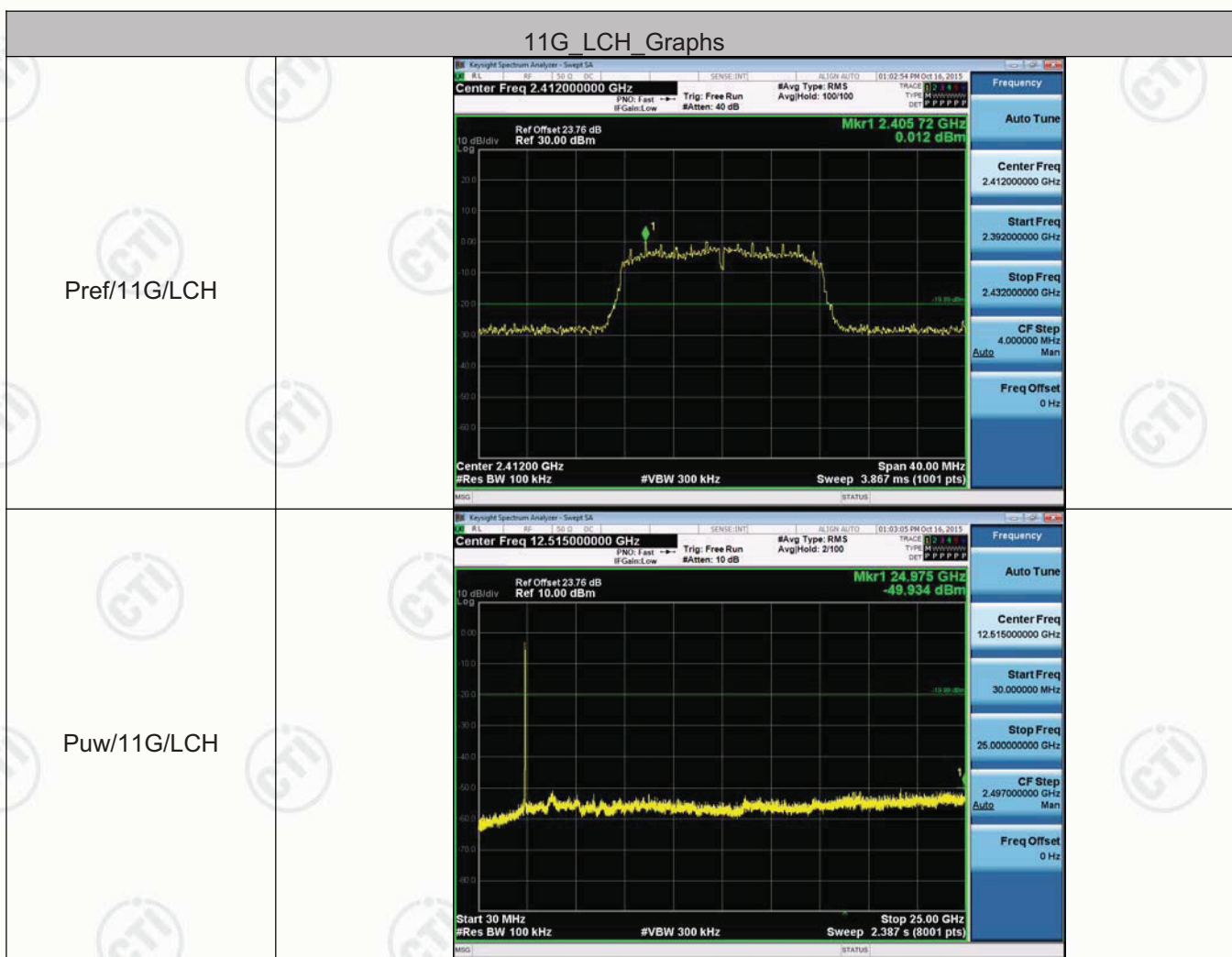
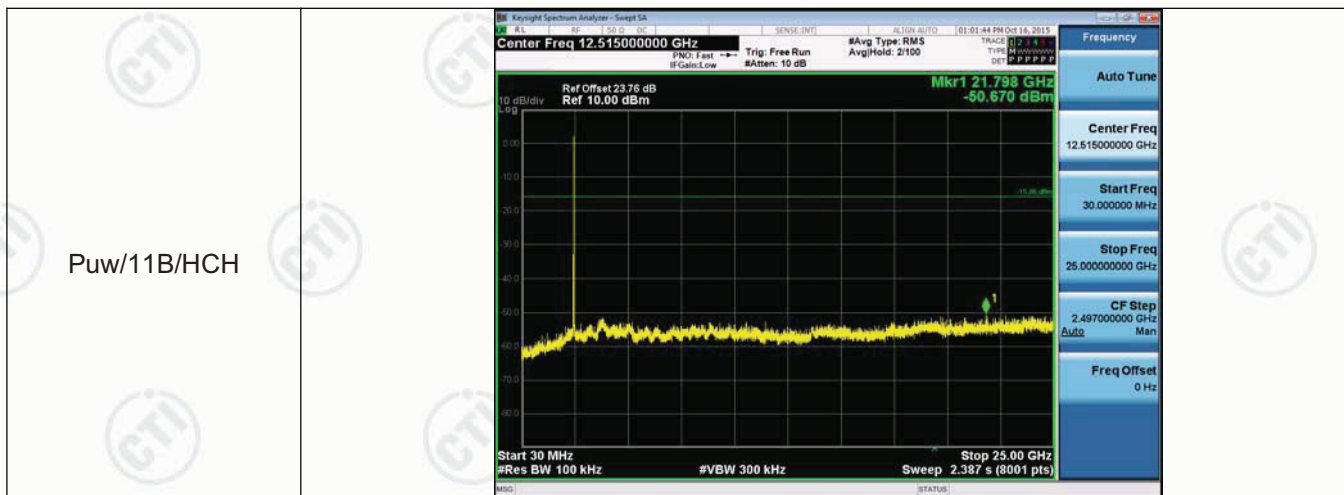
Result Table

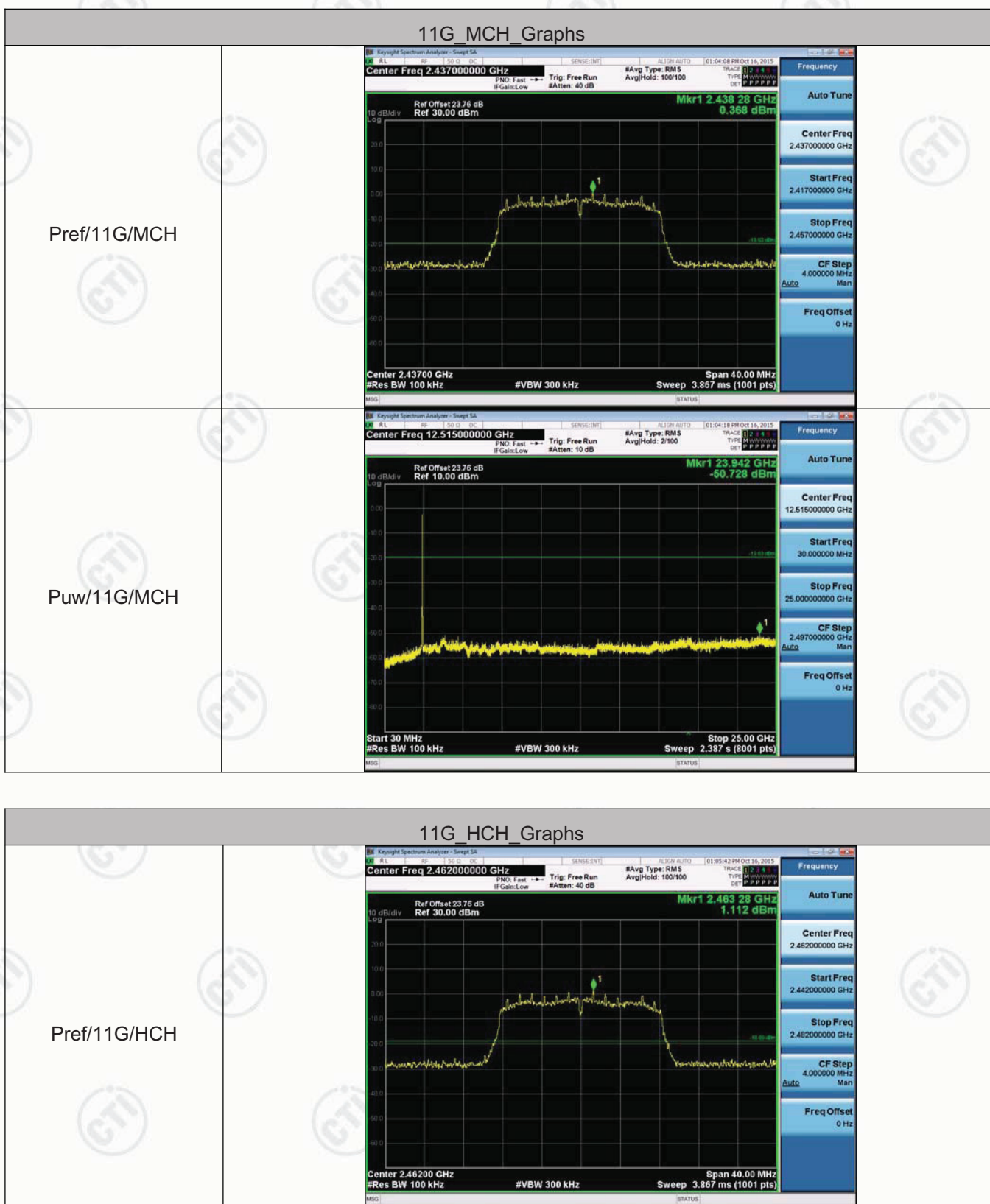
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
11B	LCH	3.658	<Limit	PASS
11B	MCH	3.837	<Limit	PASS
11B	HCH	4.138	<Limit	PASS
11G	LCH	0.012	<Limit	PASS
11G	MCH	0.368	<Limit	PASS
11G	HCH	1.112	<Limit	PASS
11N20SISO	LCH	0.129	<Limit	PASS
11N20SISO	MCH	-0.636	<Limit	PASS
11N20SISO	HCH	-0.251	<Limit	PASS

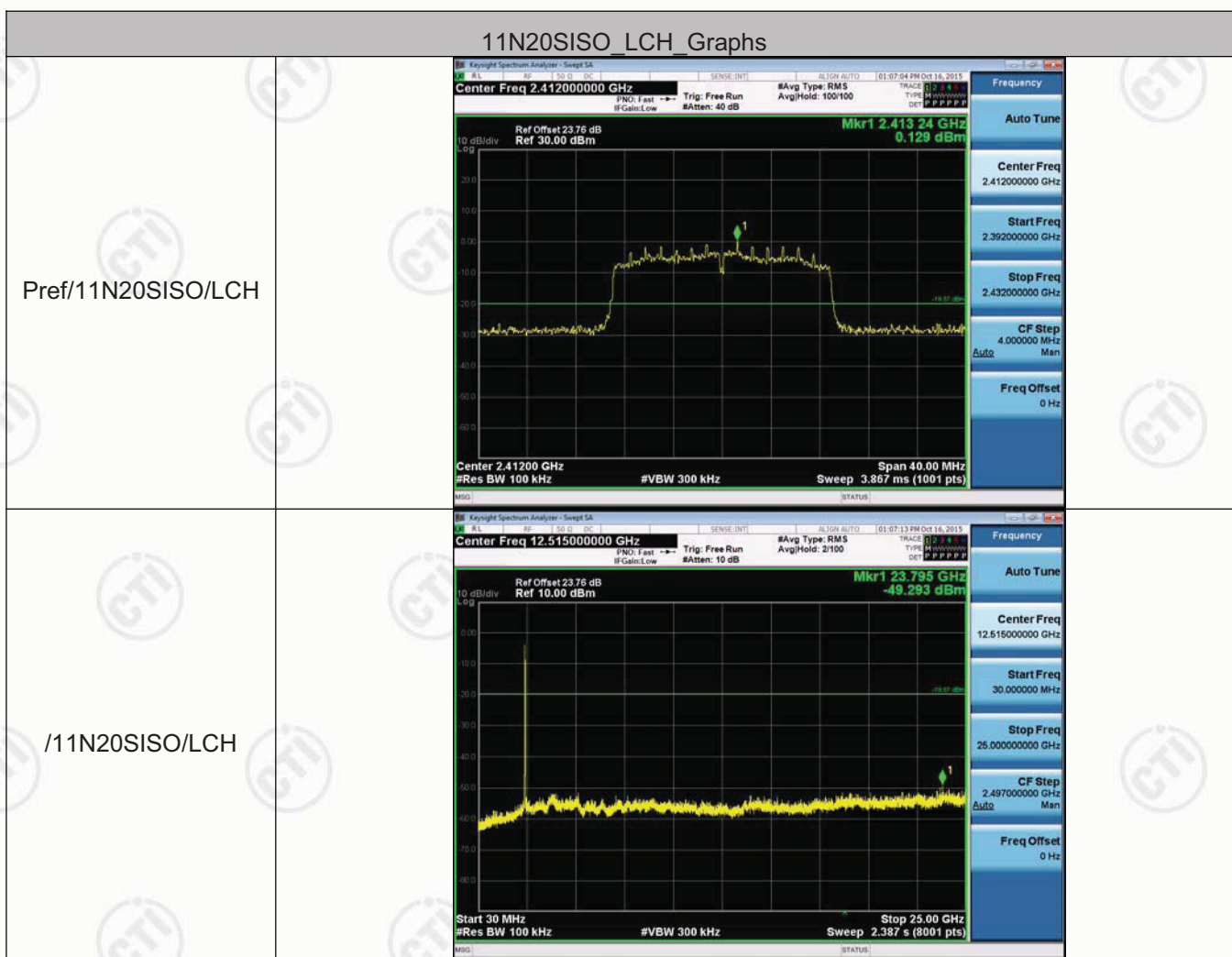
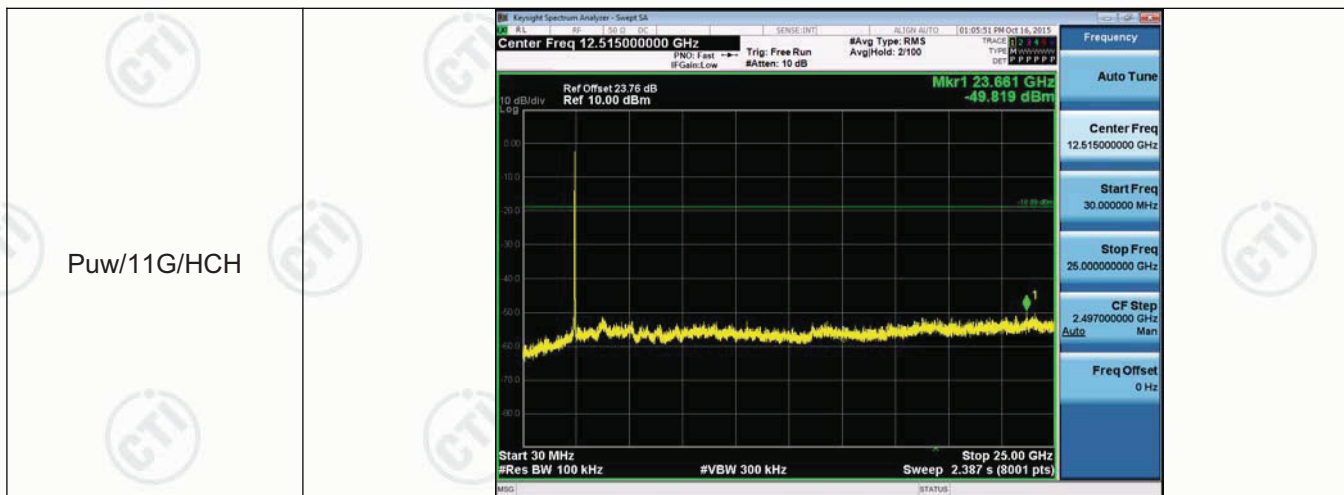
Test Graph

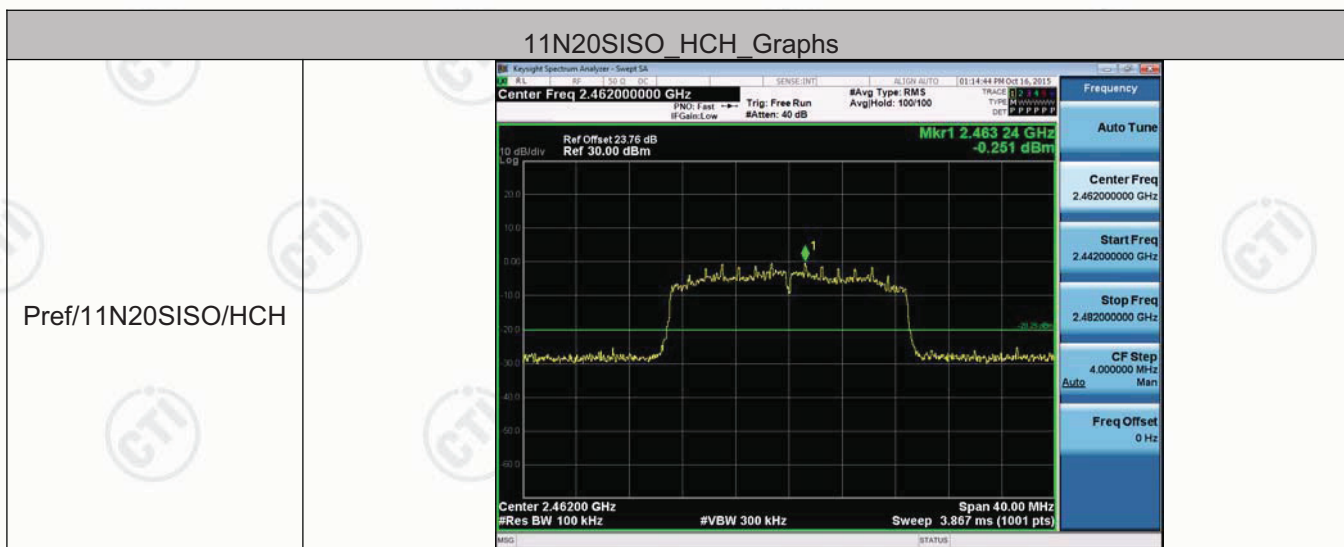
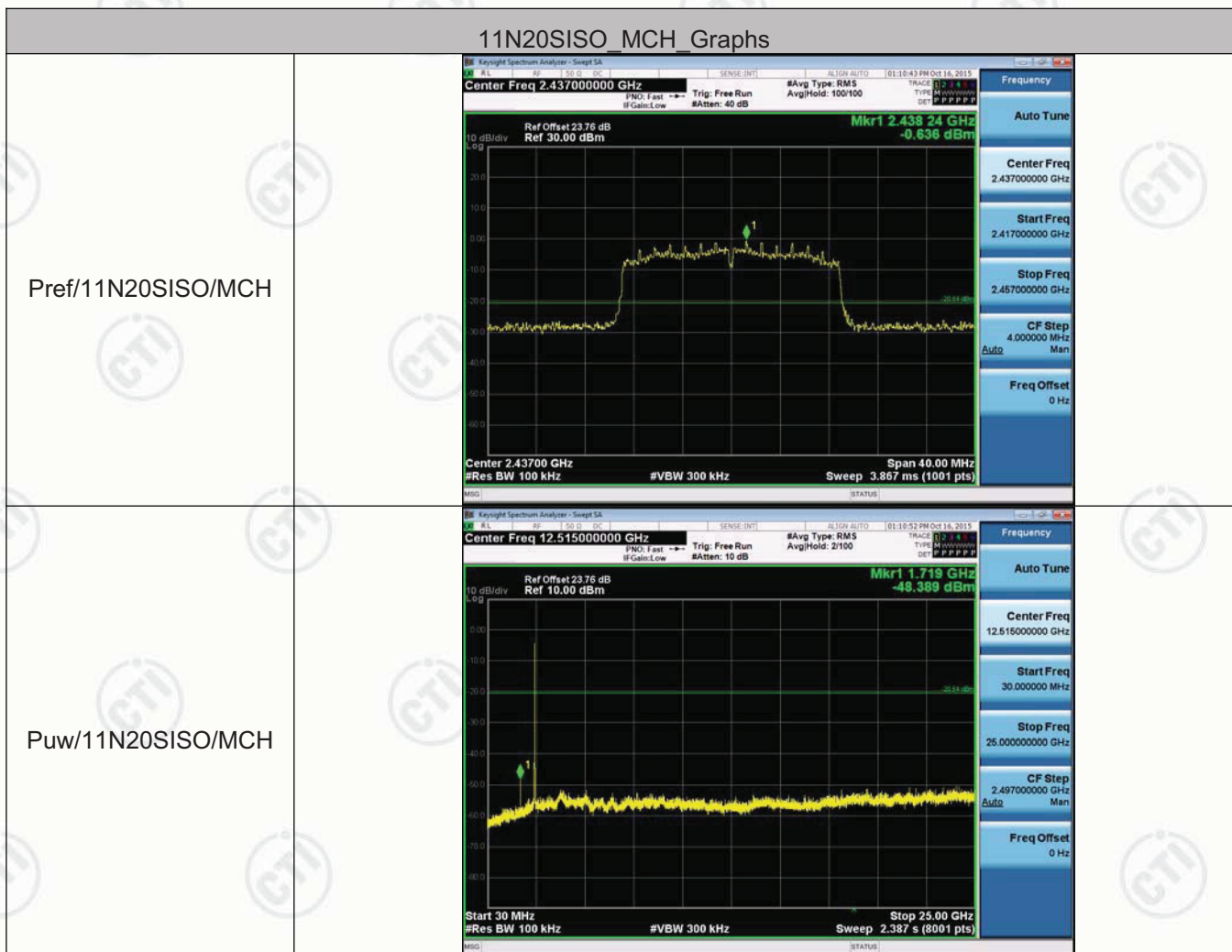




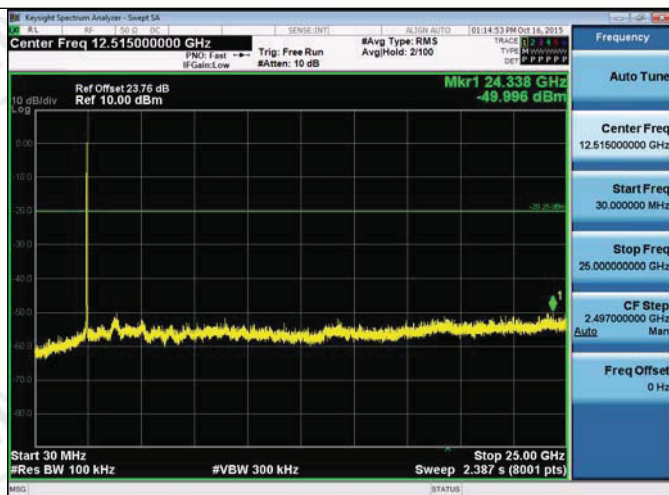








Puw/11N20SISO/HCH

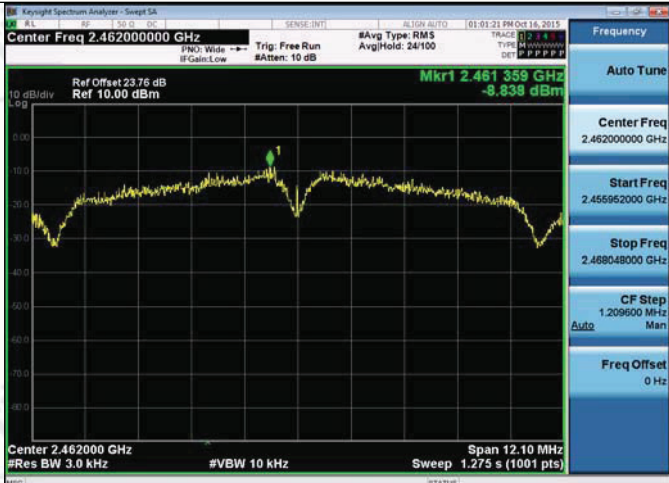
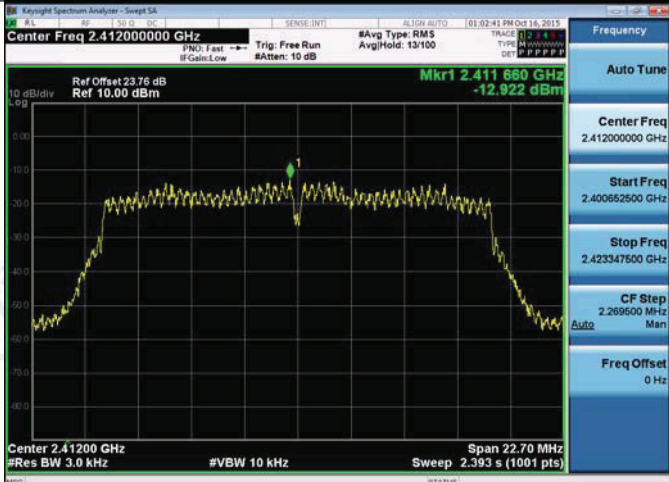
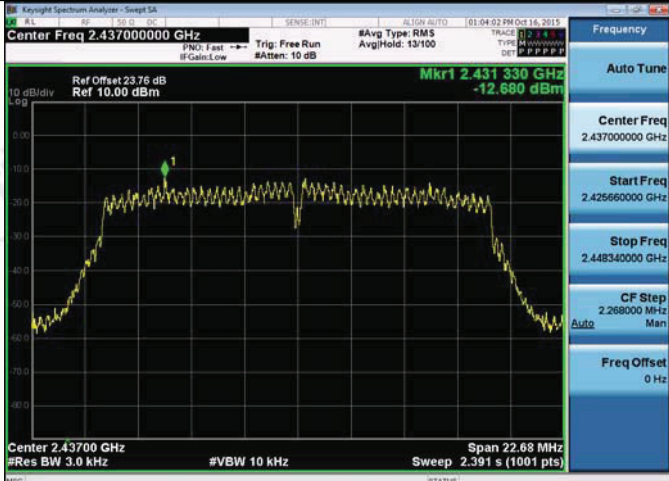


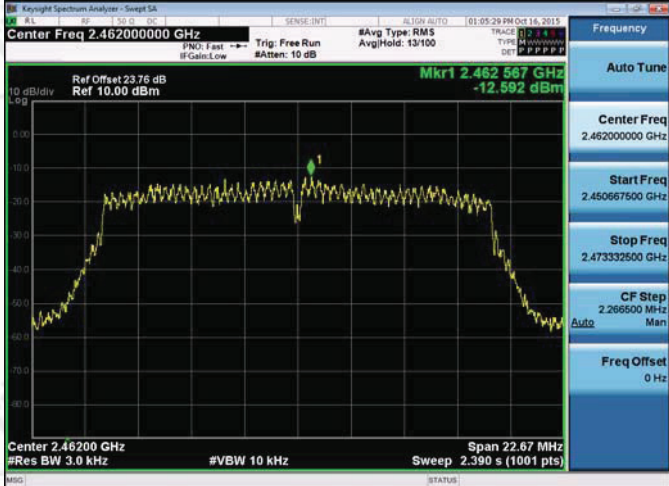
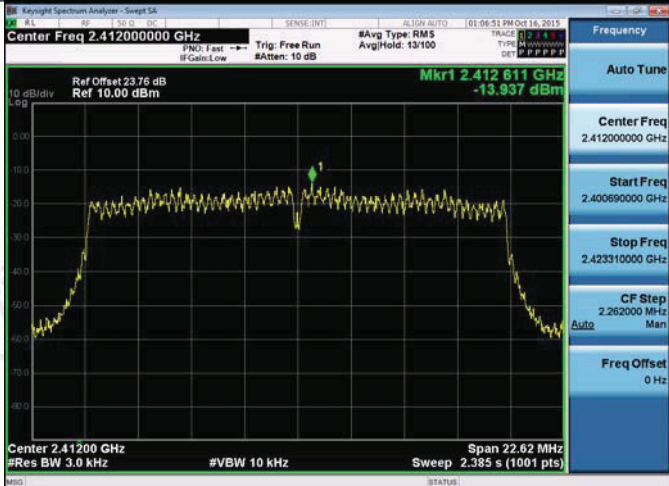
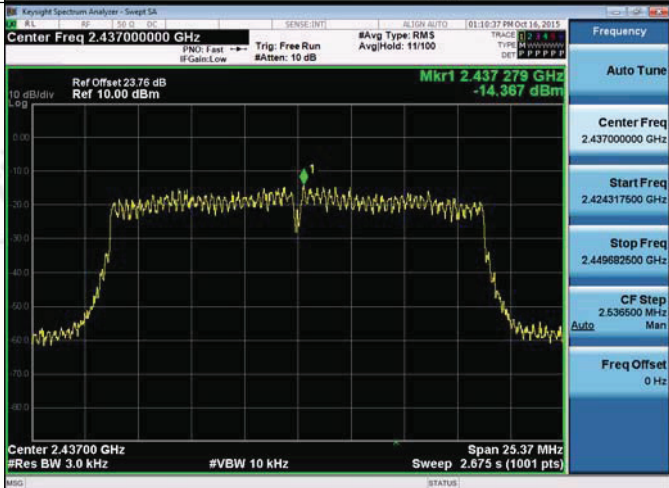
Appendix E) Power Spectral Density Result Table

Mode	Channel	Power Spectral Density [dBm]	Verdict
11B	LCH	-9.121	PASS
11B	MCH	-8.680	PASS
11B	HCH	-8.838	PASS
11G	LCH	-12.922	PASS
11G	MCH	-12.680	PASS
11G	HCH	-12.592	PASS
11N20SISO	LCH	-13.937	PASS
11N20SISO	MCH	-14.367	PASS
11N20SISO	HCH	-13.492	PASS

Test Graph



11B/HCH	
11G/LCH	
11G/MCH	

11G/HCH	 Keynote Spectrum Analyzer - Sweep SA Center Freq 2.462000000 GHz Ref Offset 23.76 dB Ref 10.00 dBm Mkr1 2.462 567 GHz -12.592 dBm Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 22.67 MHz Sweep 2.390 s (1001 pts)
11N20SISO/LCH	 Keynote Spectrum Analyzer - Sweep SA Center Freq 2.412000000 GHz Ref Offset 23.76 dB Ref 10.00 dBm Mkr1 2.412 611 GHz -13.937 dBm Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 22.62 MHz Sweep 2.385 s (1001 pts)
11N20SISO/MCH	 Keynote Spectrum Analyzer - Sweep SA Center Freq 2.437000000 GHz Ref Offset 23.76 dB Ref 10.00 dBm Mkr1 2.437 279 GHz -14.367 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 25.37 MHz Sweep 2.675 s (1001 pts)