

6dB Occupied Bandwidth

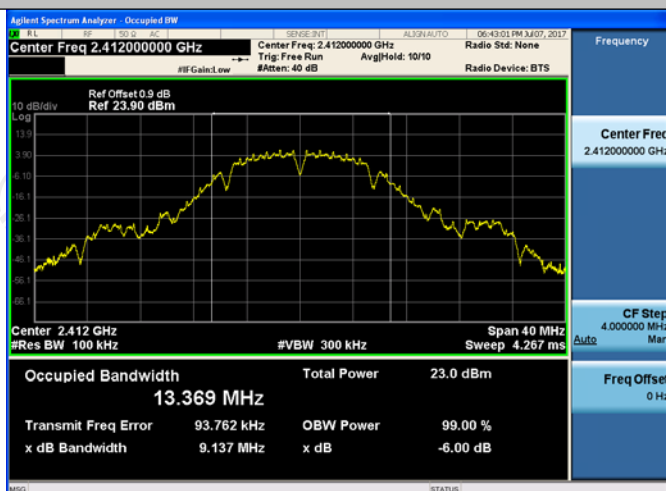
Result Table

Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	9.137	13.369	PASS
11B	MCH	9.136	13.357	PASS
11B	HCH	9.110	12.914	PASS
11G	LCH	16.35	16.464	PASS
11G	MCH	16.37	16.467	PASS
11G	HCH	16.35	16.395	PASS
11N20SISO	LCH	17.59	17.611	PASS
11N20SISO	MCH	17.61	17.597	PASS
11N20SISO	HCH	17.59	17.564	PASS
11N40SISO	LCH	36.34	35.954	PASS
11N40SISO	MCH	36.31	35.879	PASS
11N40SISO	HCH	36.06	35.867	PASS

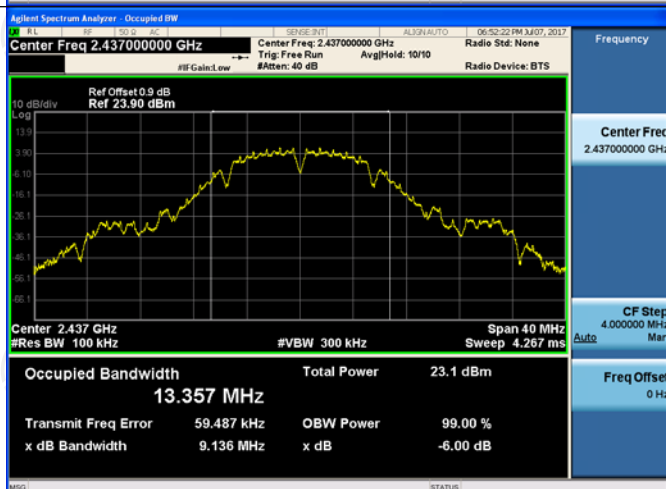
Test Graph

Graphs

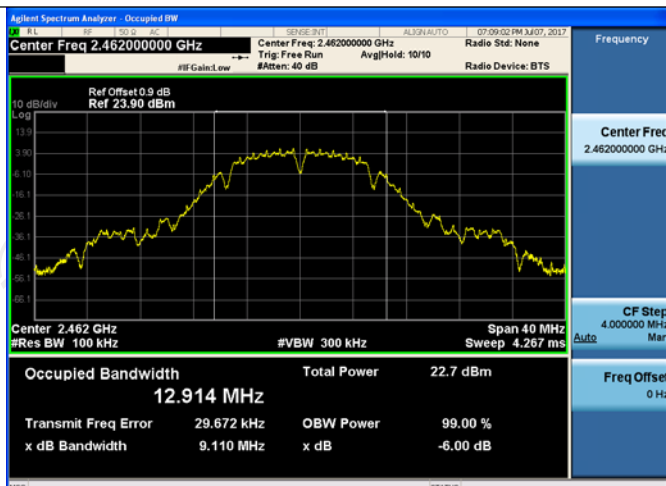
11B/LCH



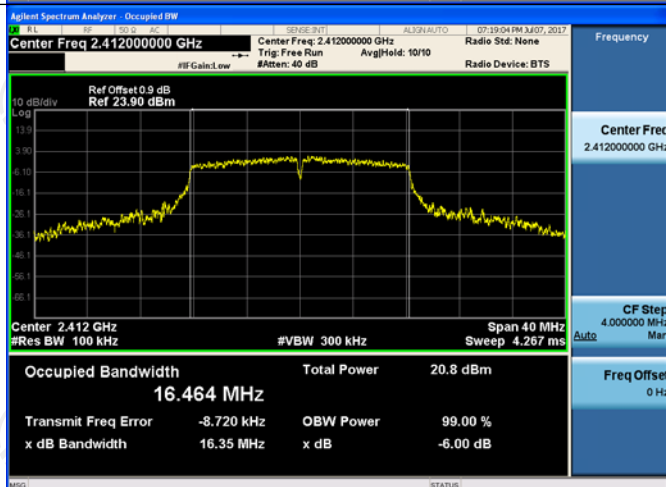
11B/MCH



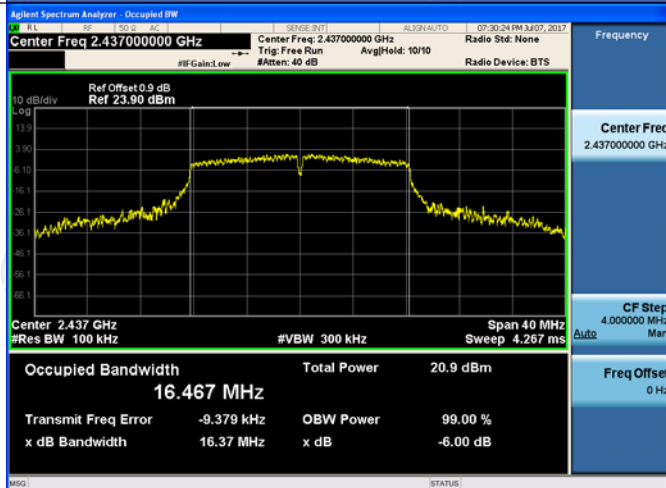
11B/HCH



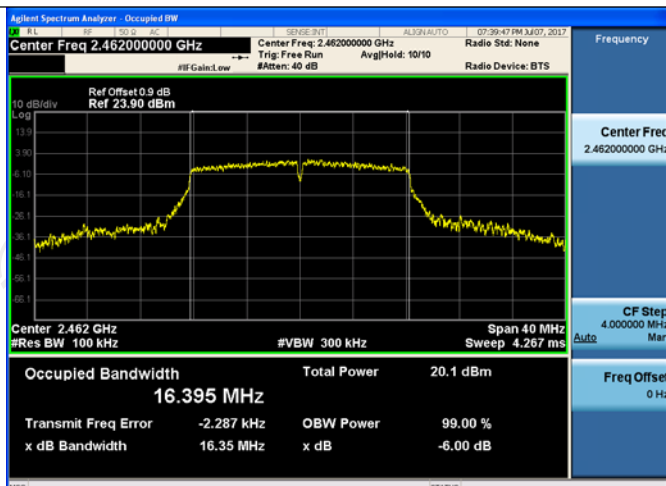
11G/LCH



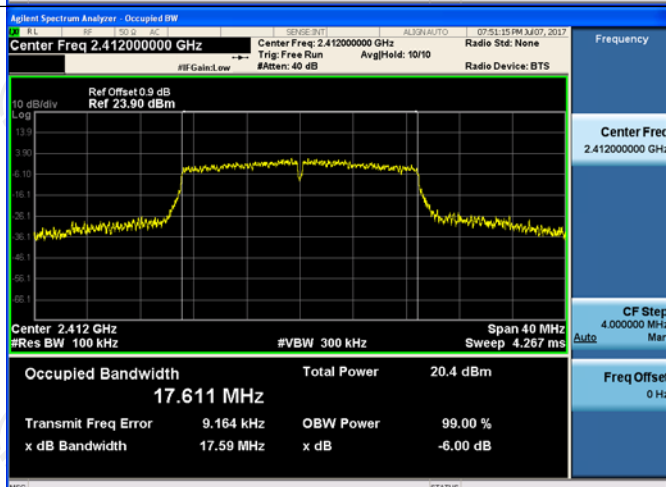
11G/MCH



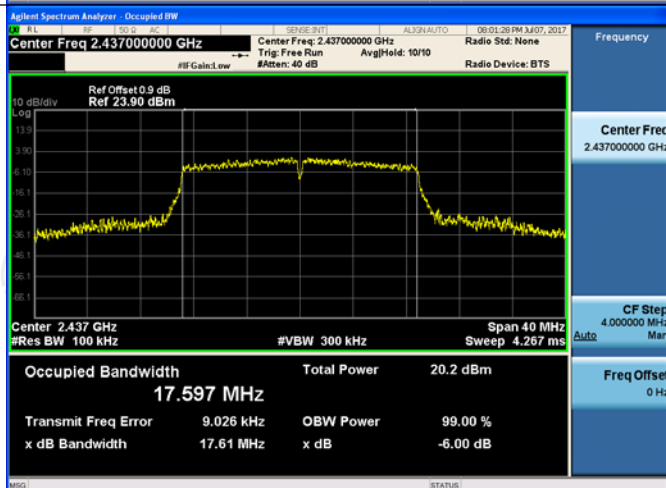
11G/HCH

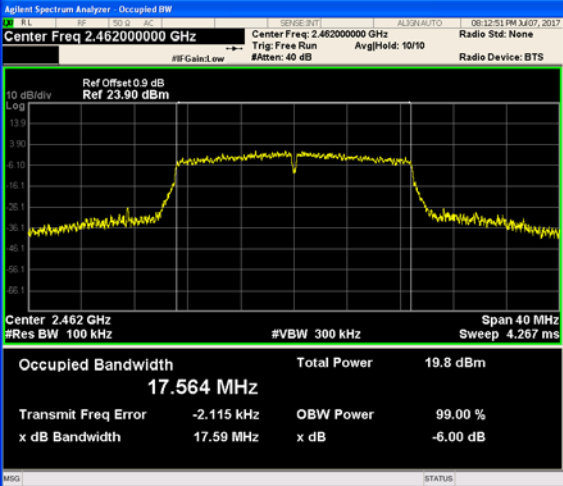
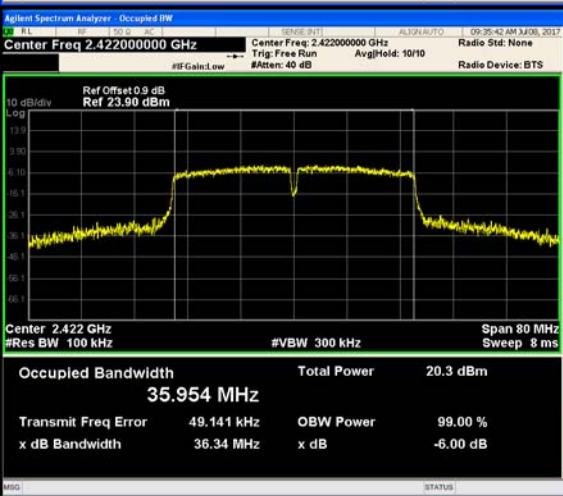
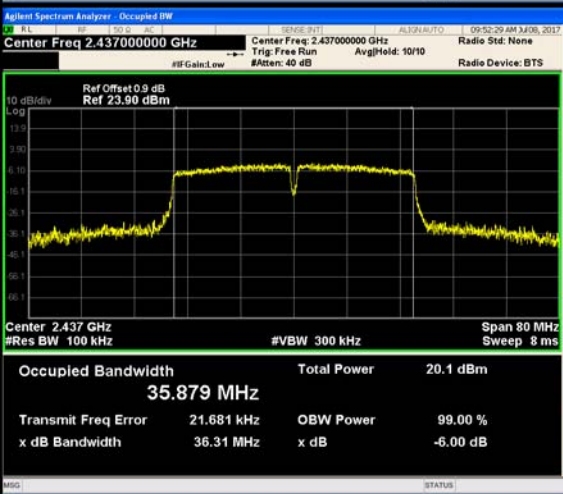


11N20SISO/LCH

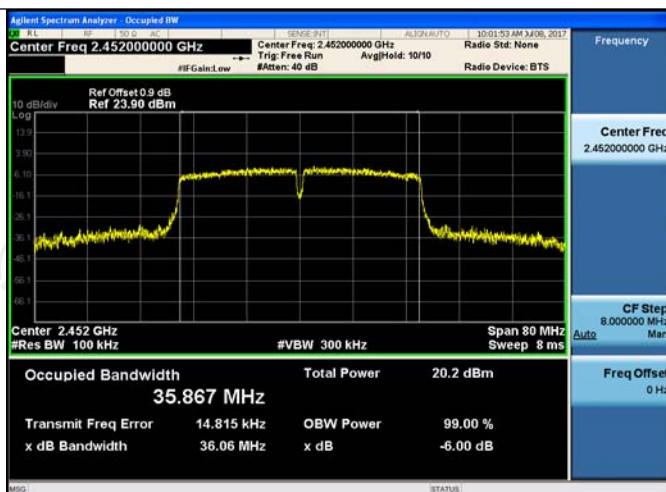


11N20SISO/MCH



11N20SISO/HCH	 Agilent 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 0.9 dB Ref 23.90 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 4.267 ms Occupied Bandwidth 17.564 MHz Total Power 19.8 dBm Transmit Freq Error -2.115 kHz OBW Power 99.00 % x dB Bandwidth 17.59 MHz x dB -6.00 dB	Frequency Center Freq 2.462000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz
11N40SISO/LCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.422000000 GHz Center Freq: 2.422000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.9 dB Ref 23.90 dBm Center 2.422 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms Occupied Bandwidth 35.954 MHz Total Power 20.3 dBm Transmit Freq Error 49.141 kHz OBW Power 99.00 % x dB Bandwidth 36.34 MHz x dB -6.00 dB	Frequency Center Freq 2.422000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz
11N40SISO/MCH	 Agilent 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 0.9 dB Ref 23.90 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms Occupied Bandwidth 35.879 MHz Total Power 20.1 dBm Transmit Freq Error 21.681 kHz OBW Power 99.00 % x dB Bandwidth 36.31 MHz x dB -6.00 dB	Frequency Center Freq 2.437000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz

11N40SISO/HCH



Band-edge for RF Conducted Emissions

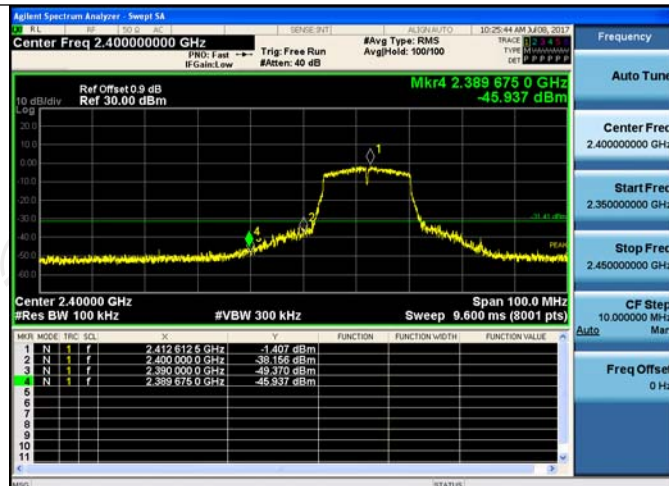
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.129	-48.731	-25.87	PASS
11B	HCH	3.535	-48.990	-26.47	PASS
11G	LCH	-1.407	-45.937	-31.41	PASS
11G	HCH	-1.387	-44.650	-31.39	PASS
11N20SISO	LCH	-2.422	-44.182	-32.42	PASS
11N20SISO	HCH	-0.330	-41.293	-30.33	PASS
11N40SISO	LCH	-6.470	-41.008	-36.47	PASS
11N40SISO	HCH	-4.326	-39.383	-34.33	PASS

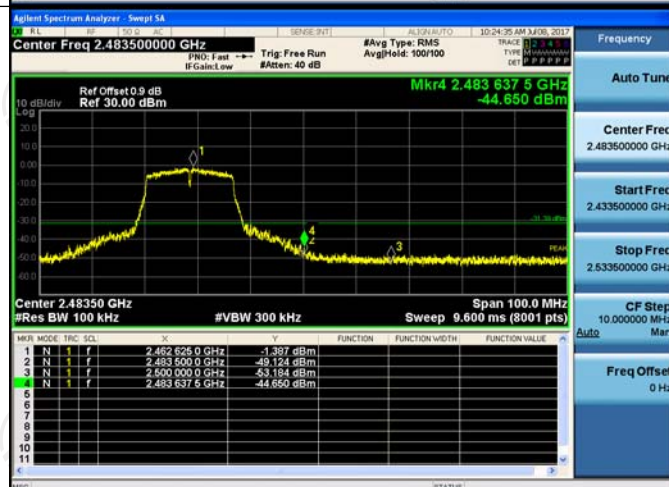
Test Graph



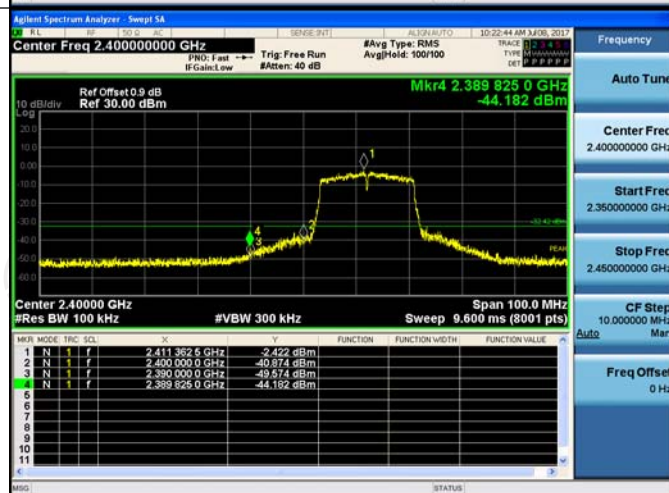
11G/LCH

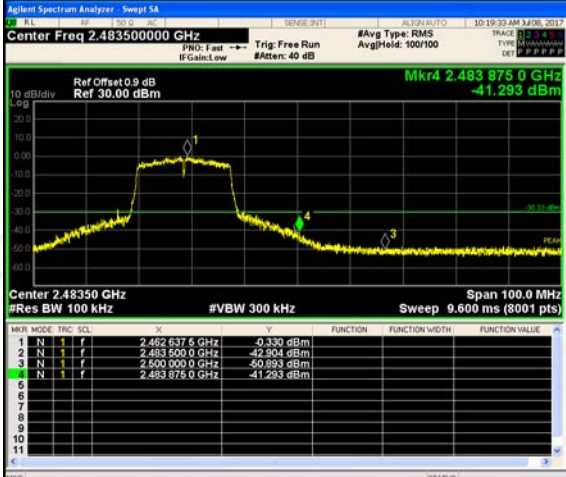
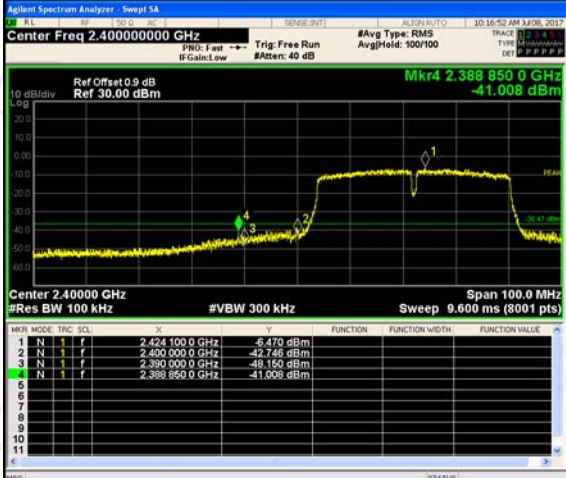
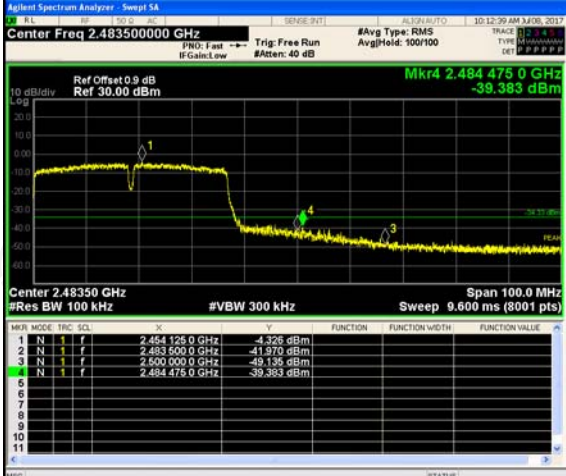


11G/HCH



11N20SISO/LCH



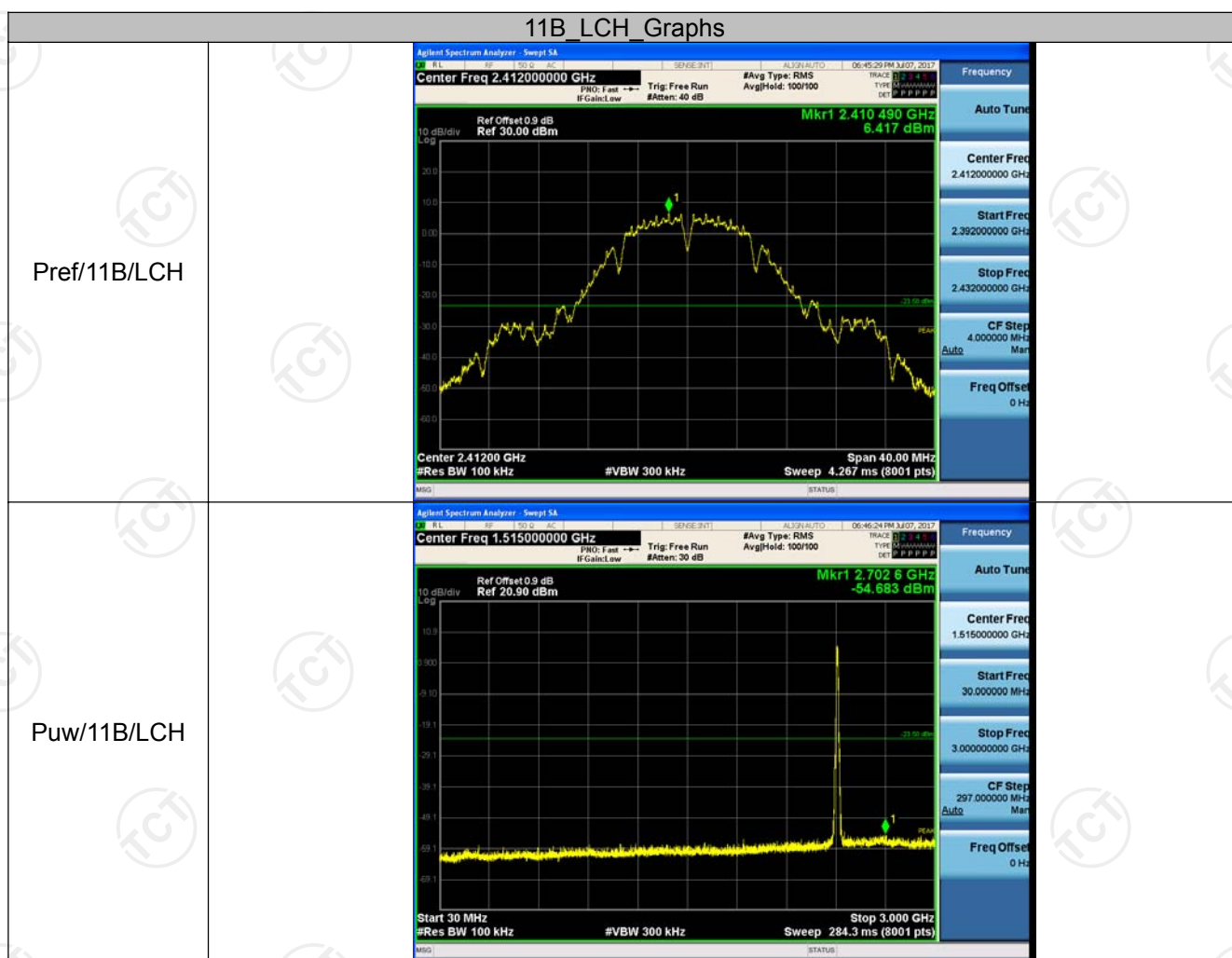
11N20SISO/HCH		Frequency Auto Tune Center Freq 2.483500000 GHz Start Freq 2.433500000 GHz Stop Freq 2.533500000 GHz CF Step 10.000000 MHz Freq Offset 0 Hz
11N40SISO/LCH		Frequency Auto Tune Center Freq 2.400000000 GHz Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz CF Step 10.000000 MHz Freq Offset 0 Hz
11N40SISO/HCH		Frequency Auto Tune Center Freq 2.483500000 GHz Start Freq 2.433500000 GHz Stop Freq 2.533500000 GHz CF Step 10.000000 MHz Freq Offset 0 Hz

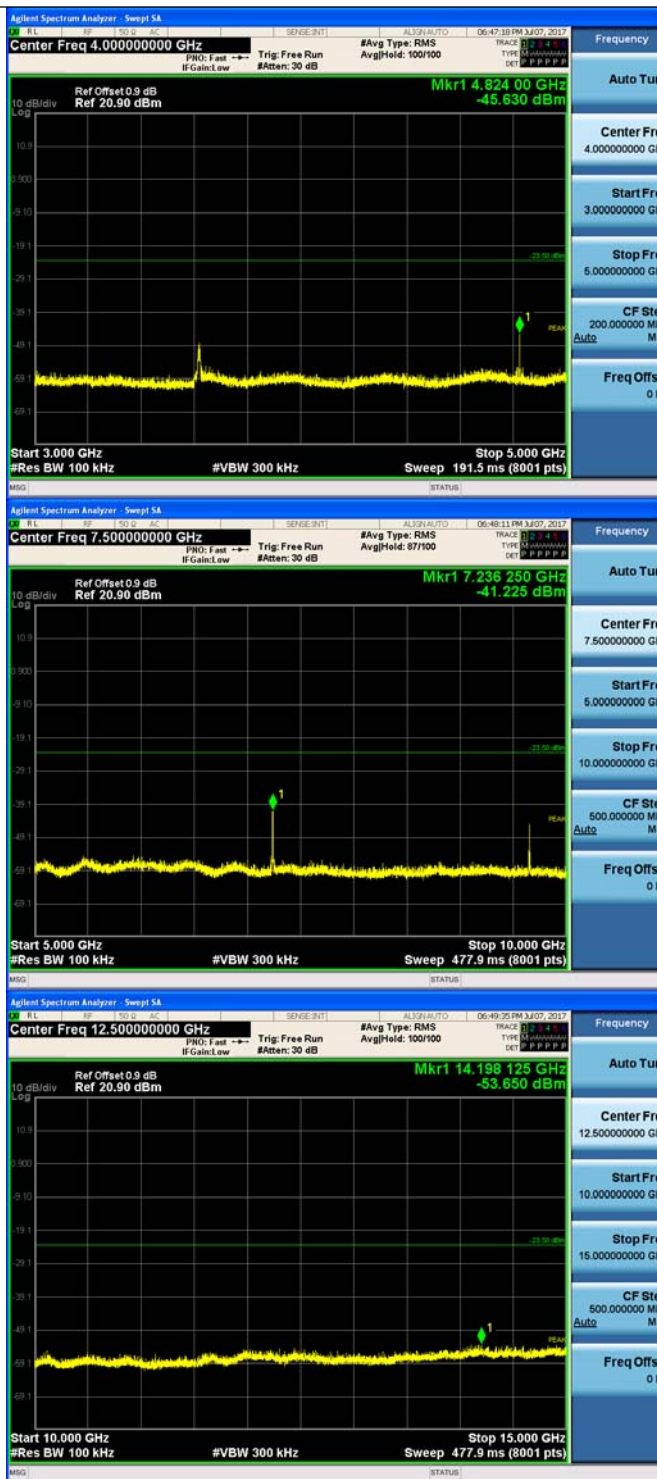
RF Conducted Spurious Emissions

Result Table

Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	6.417	<Limit	PASS
11B	MCH	6.48	<Limit	PASS
11B	HCH	6.148	<Limit	PASS
11G	LCH	1.583	<Limit	PASS
11G	MCH	1.855	<Limit	PASS
11G	HCH	1.105	<Limit	PASS
11N20SISO	LCH	1.507	<Limit	PASS
11N20SISO	MCH	1.228	<Limit	PASS
11N20SISO	HCH	0.723	<Limit	PASS
11N40SISO	LCH	-2.384	<Limit	PASS
11N40SISO	MCH	-2.612	<Limit	PASS
11N40SISO	HCH	-2.5	<Limit	PASS

Test Graph





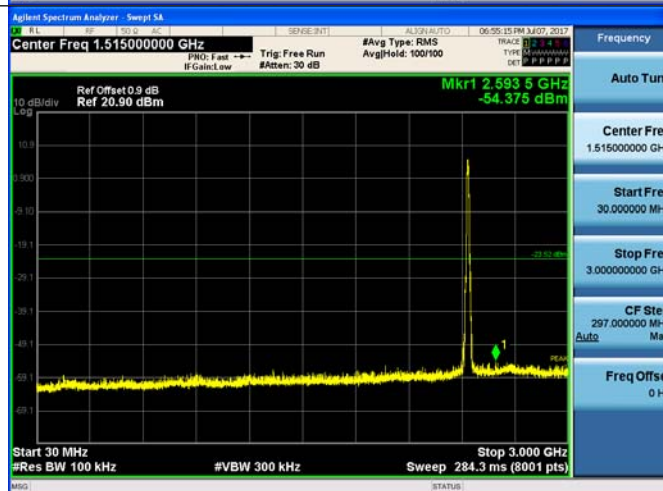


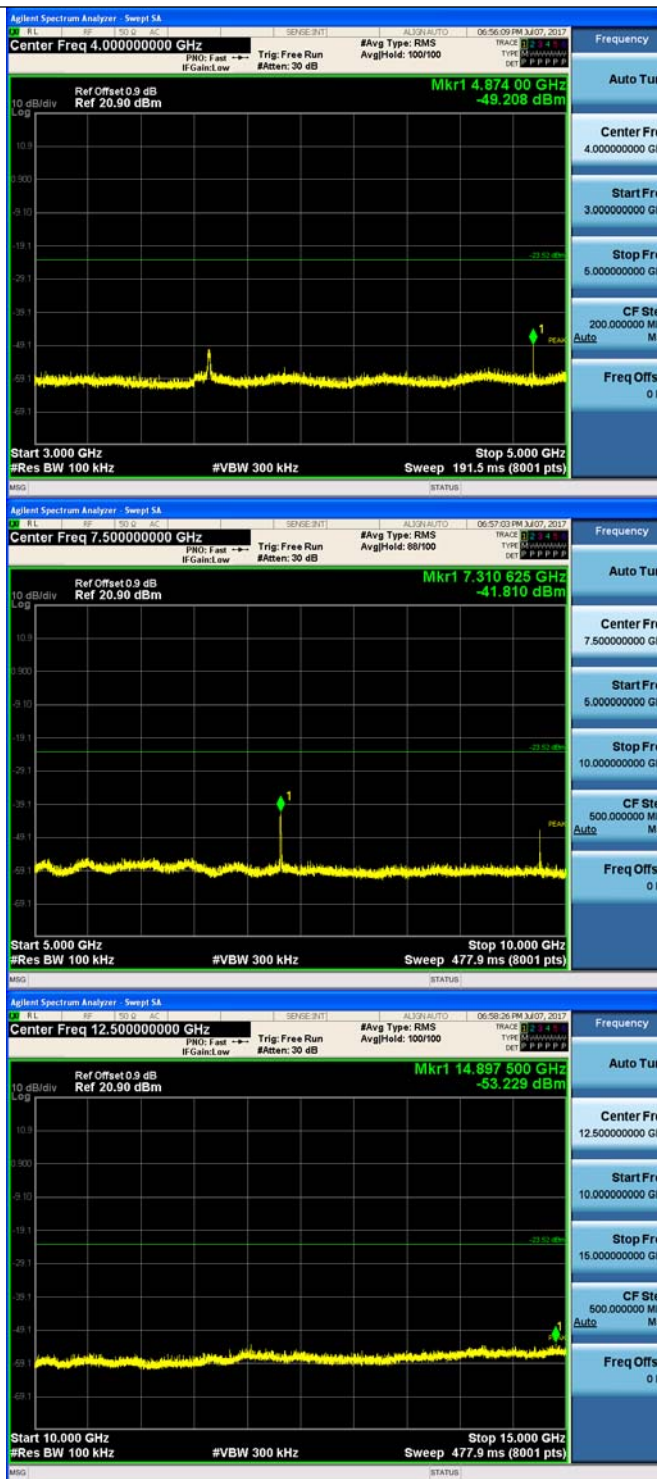
11B_MCH_Graphs

Pref/11B/MCH



Puw/11B/MCH





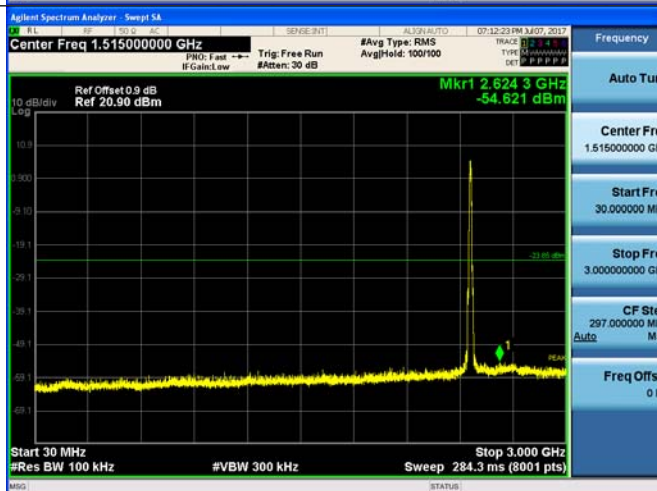


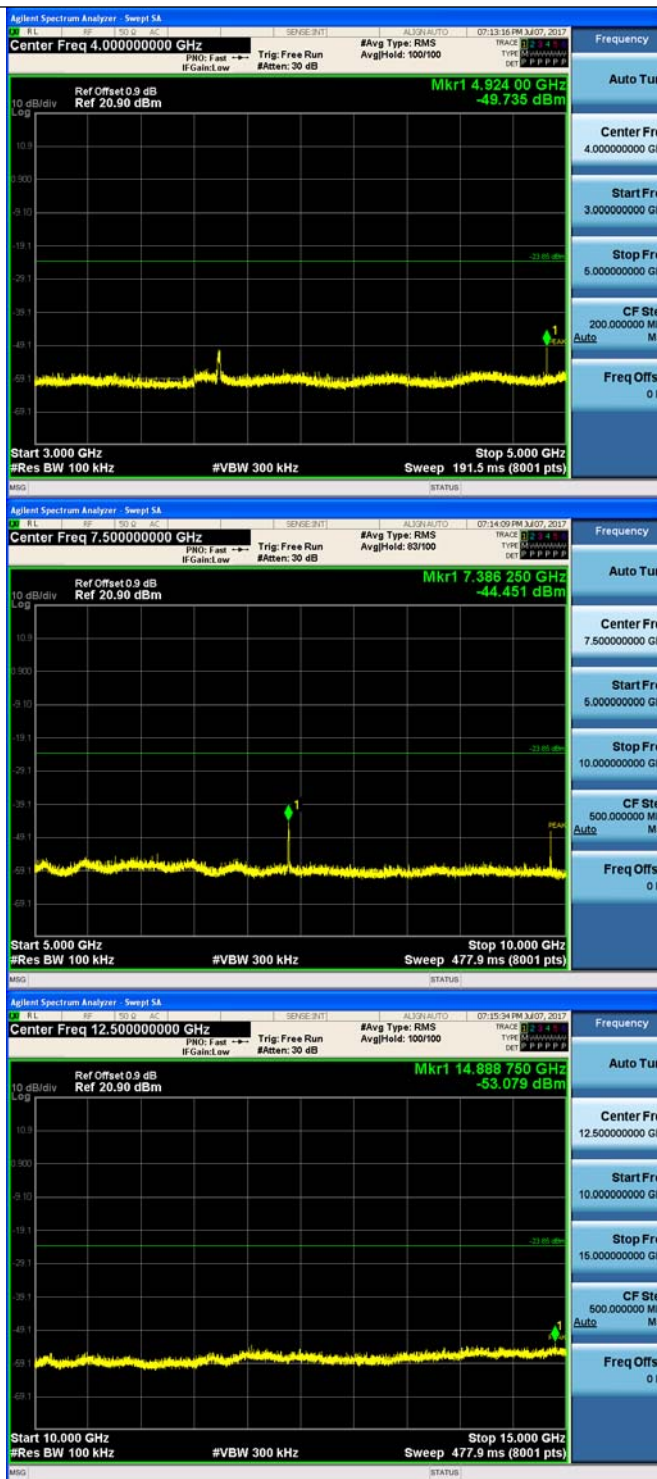
11B_HCH_Graphs

Pref/11B/HCH



Puw/11B/HCH





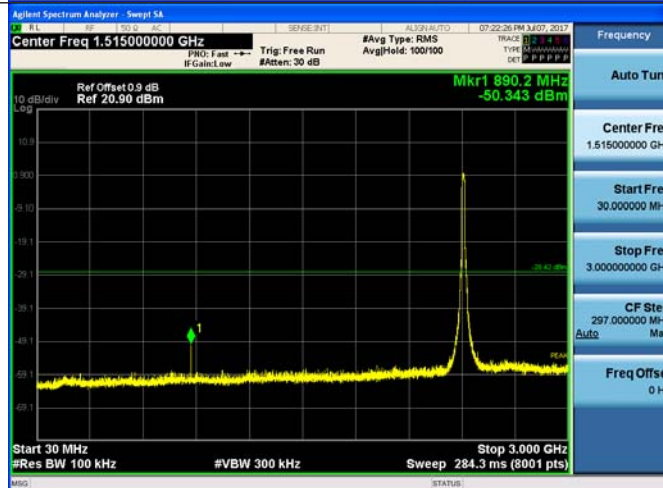


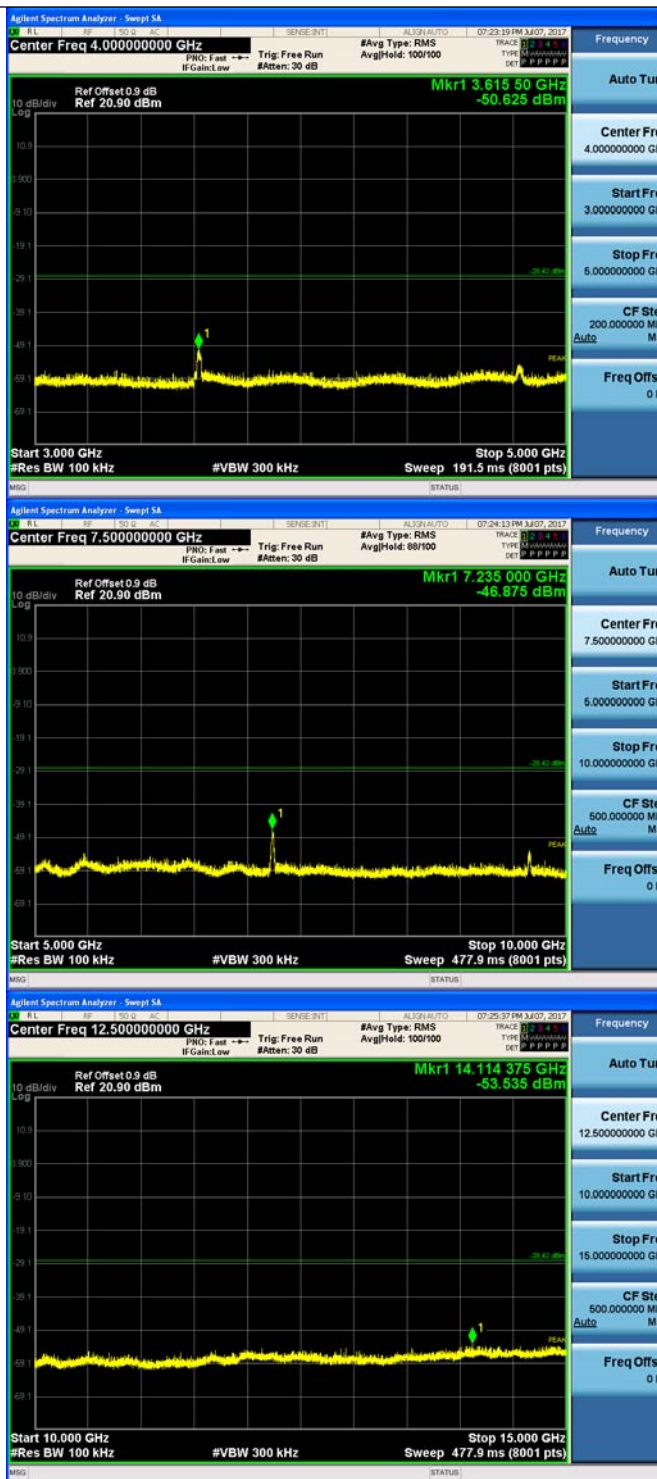
11G_LCH_Graphs

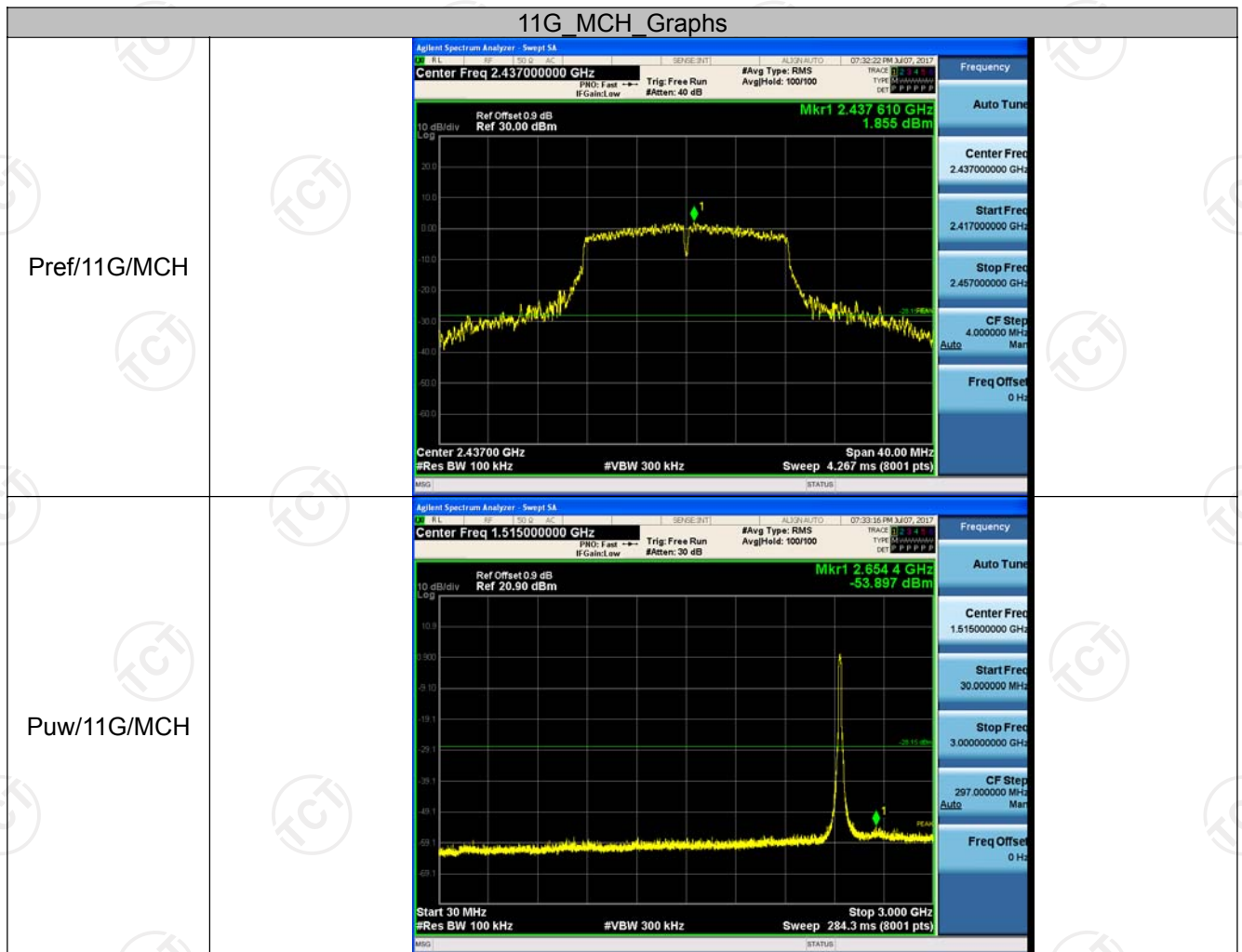
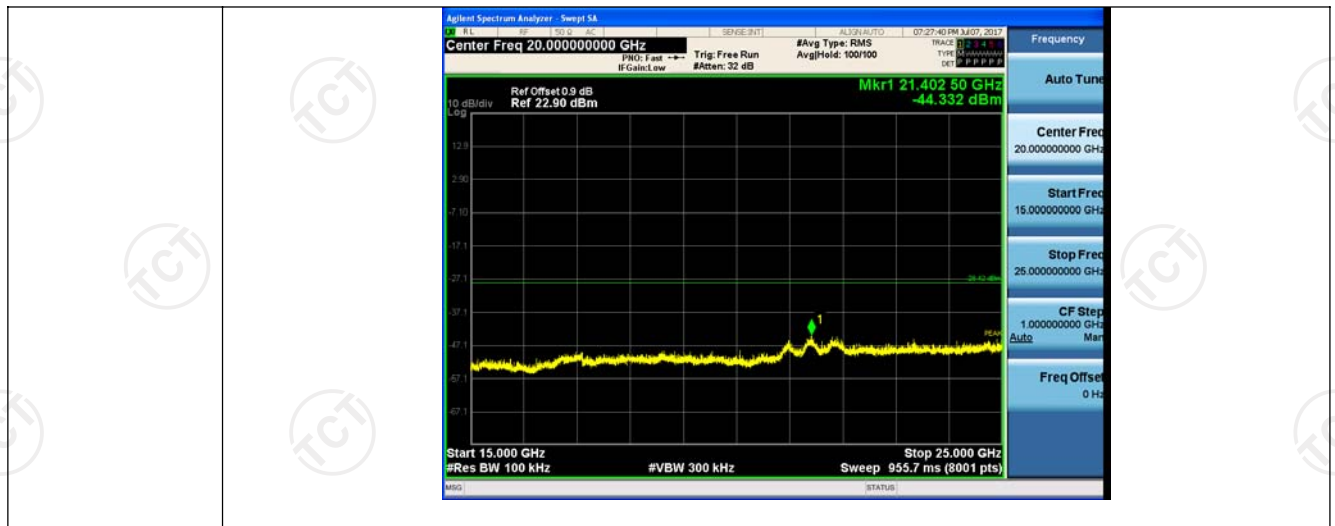
Pref/11G/LCH

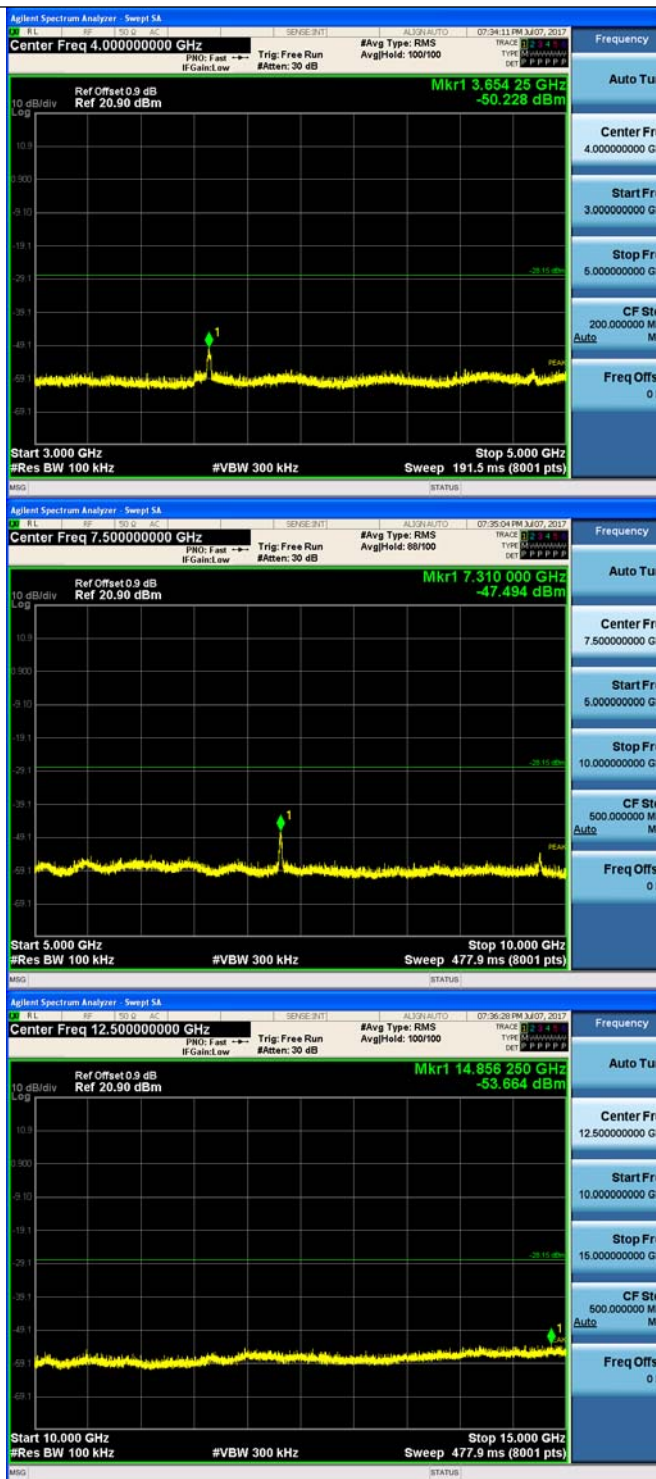


Puw/11G/LCH









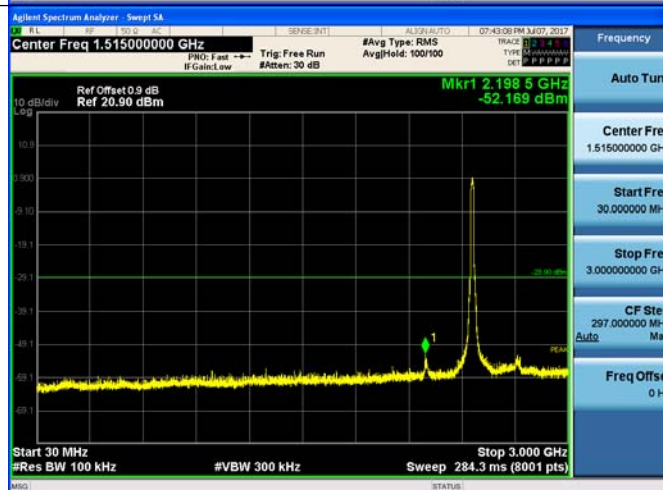


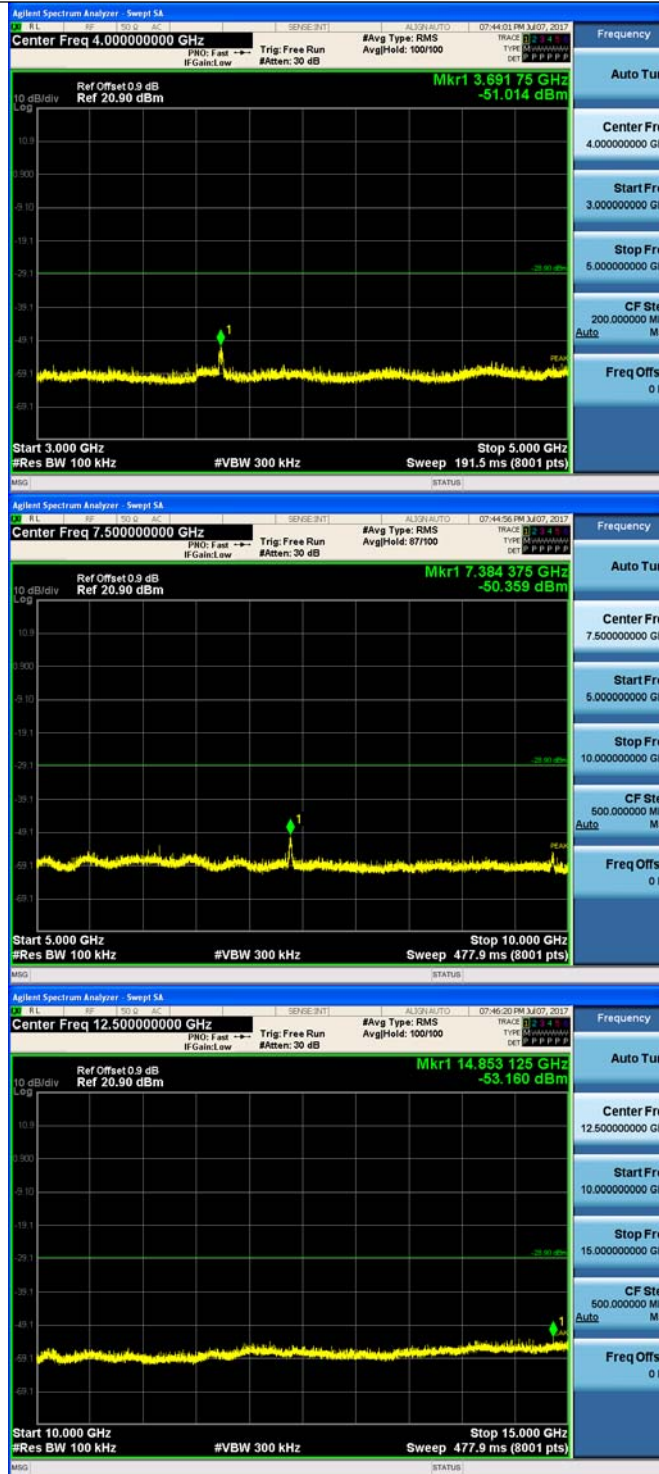
11G_HCH_Graphs

Pref/11G/HCH



Puw/11G/HCH

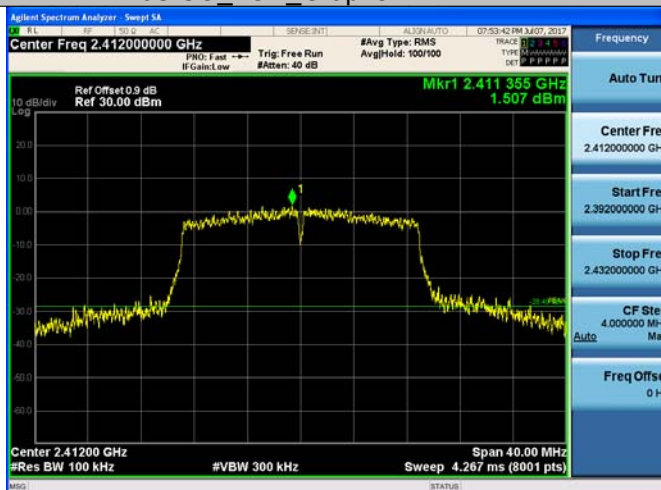




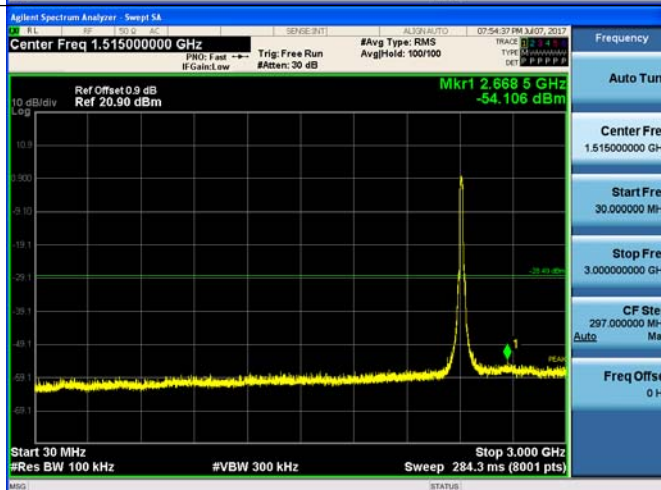


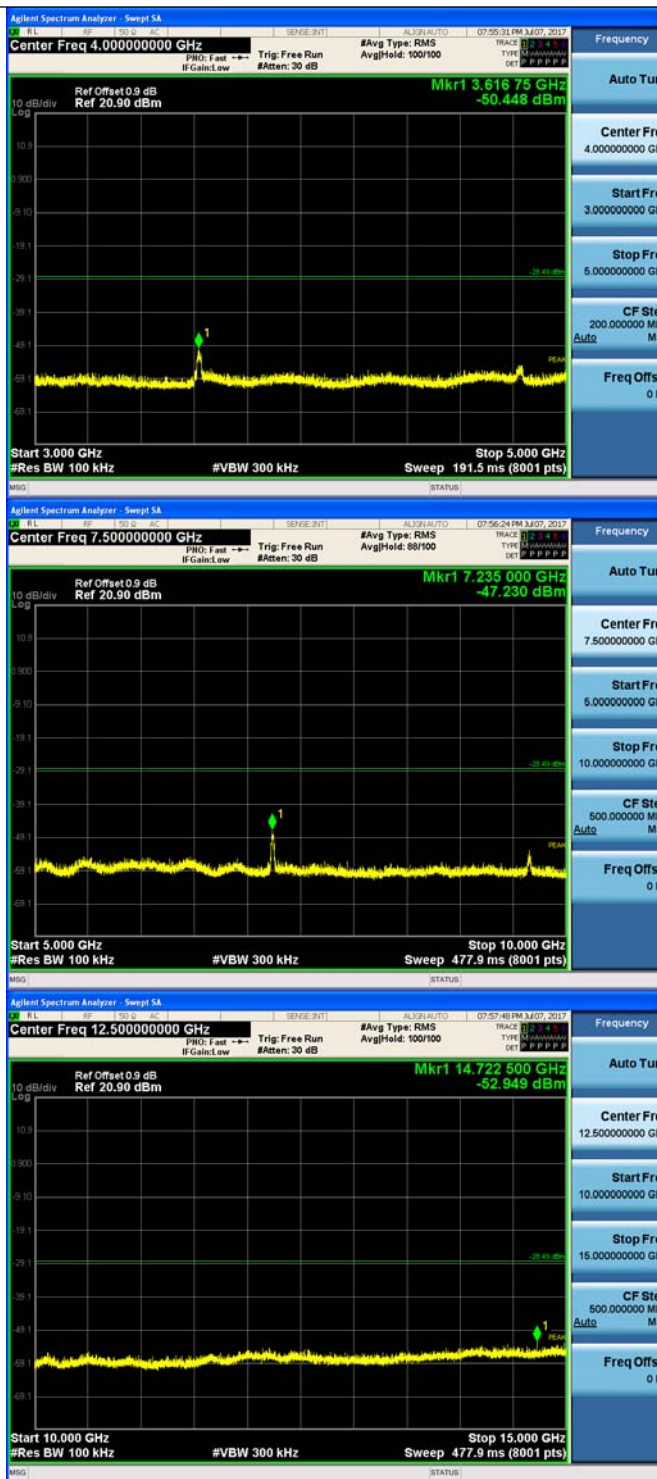
11N20SISO_LCH_Graphs

Pref/11N20SIS
O/LCH



/11N20SISO/L
CH

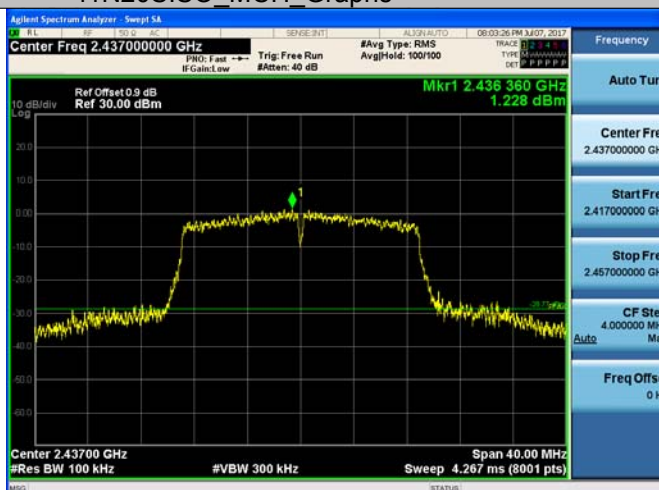




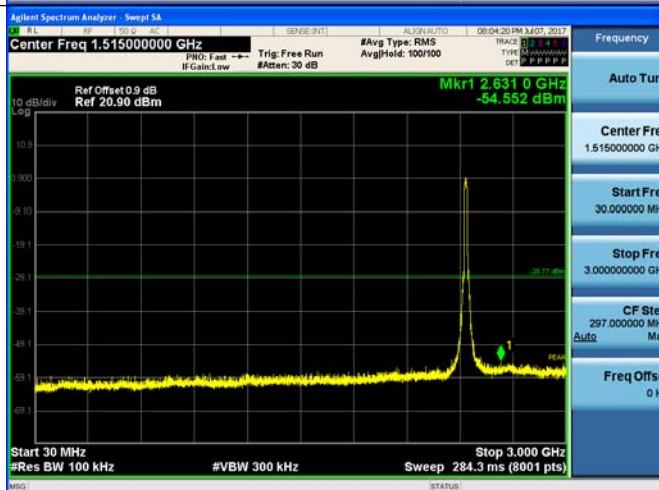


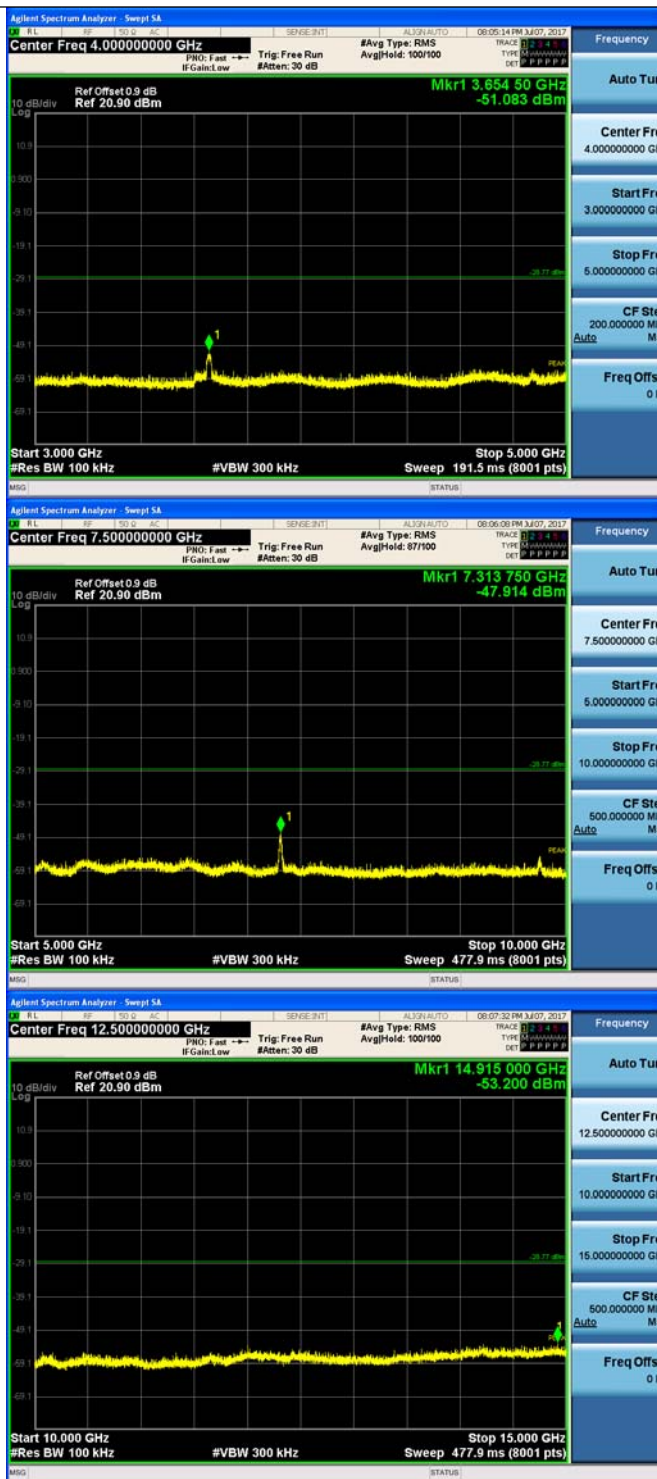
11N20SISO_MCH_Graphs

Pref/11N20SIS
O/MCH



Puw/11N20SIS
O/MCH

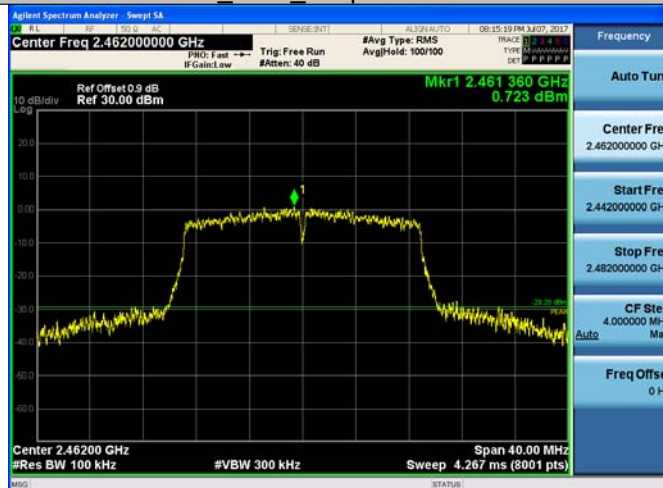




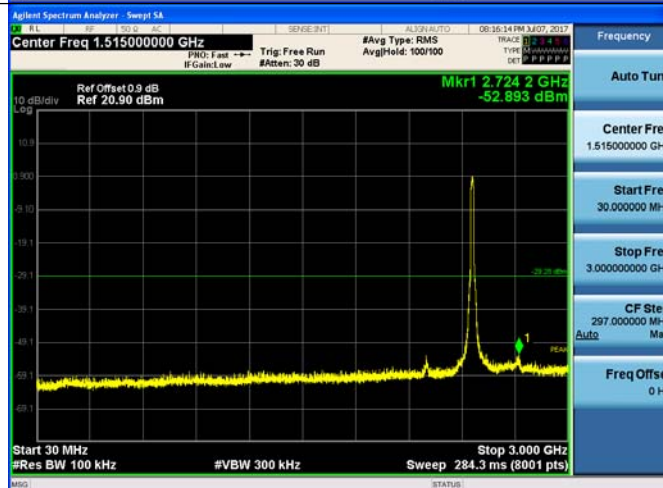


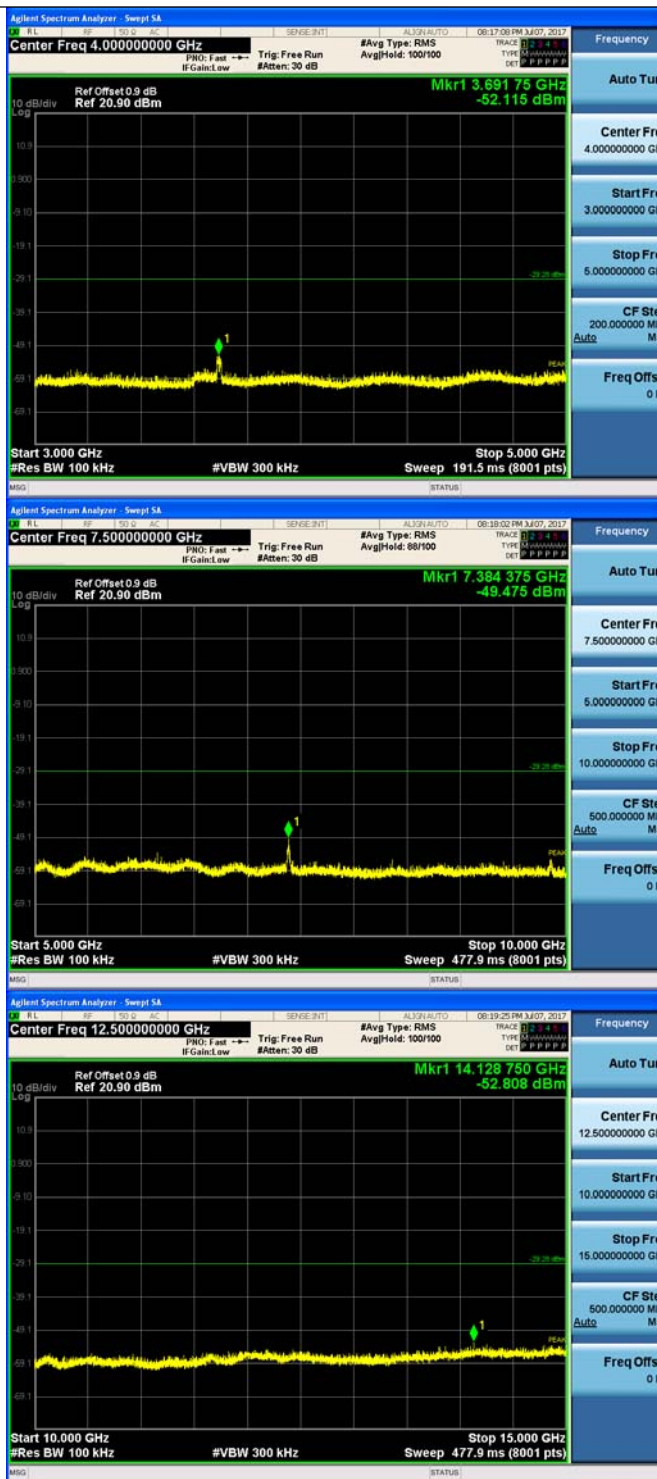
11N20SISO_HCH_Graphs

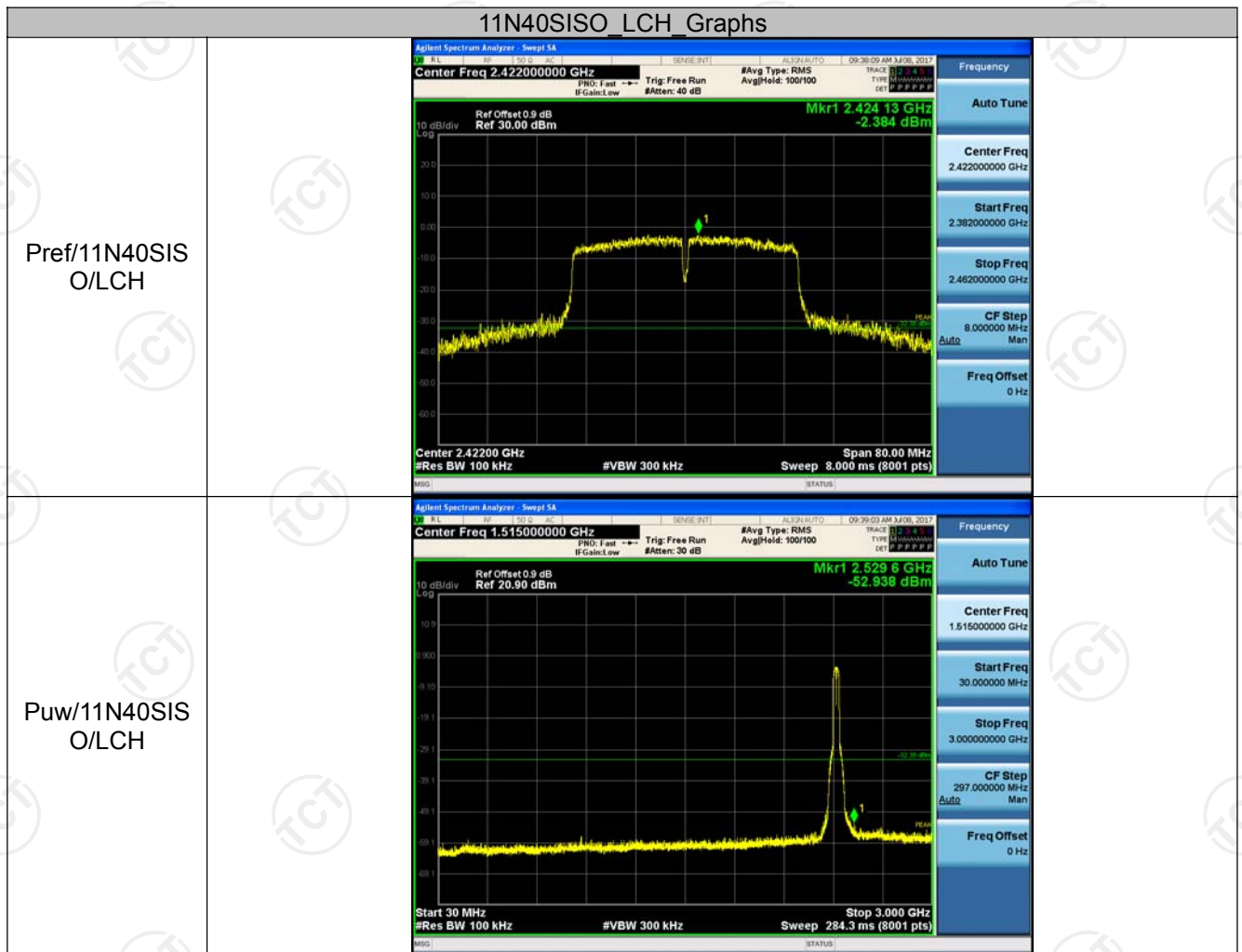
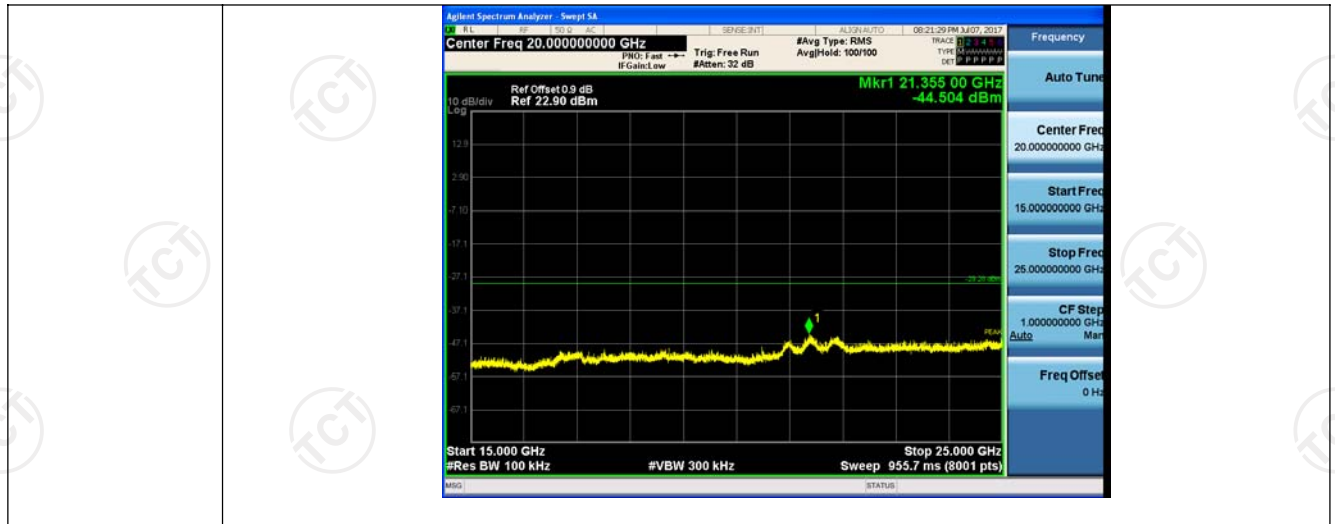
Pref/11N20SIS
O/HCH

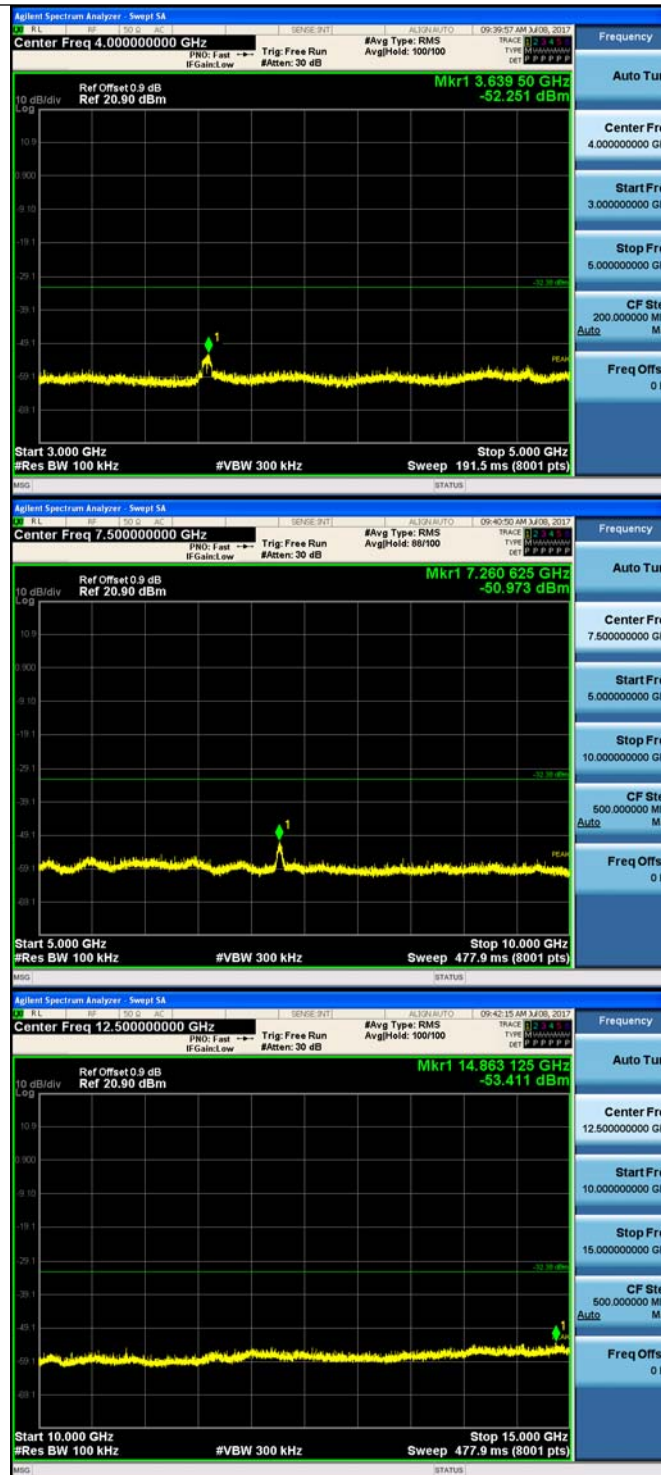


Puw/11N20SIS
O/HCH





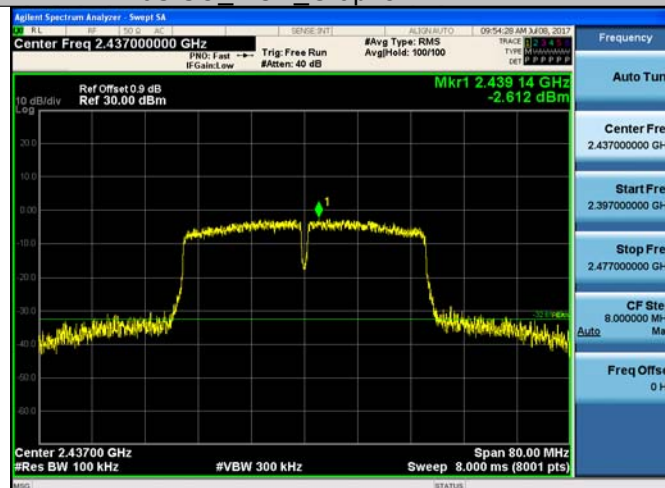




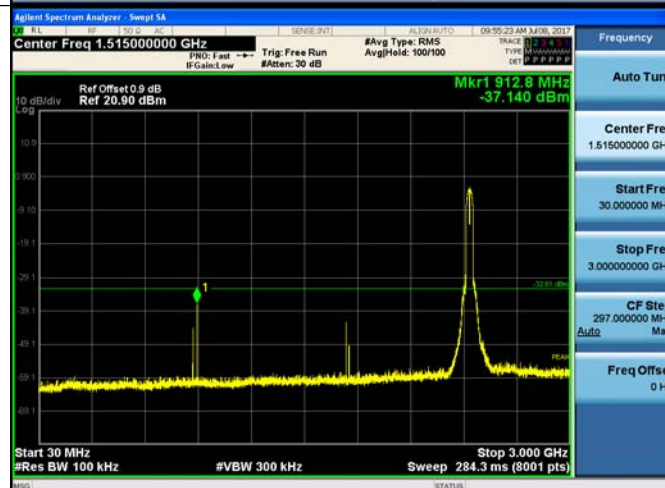


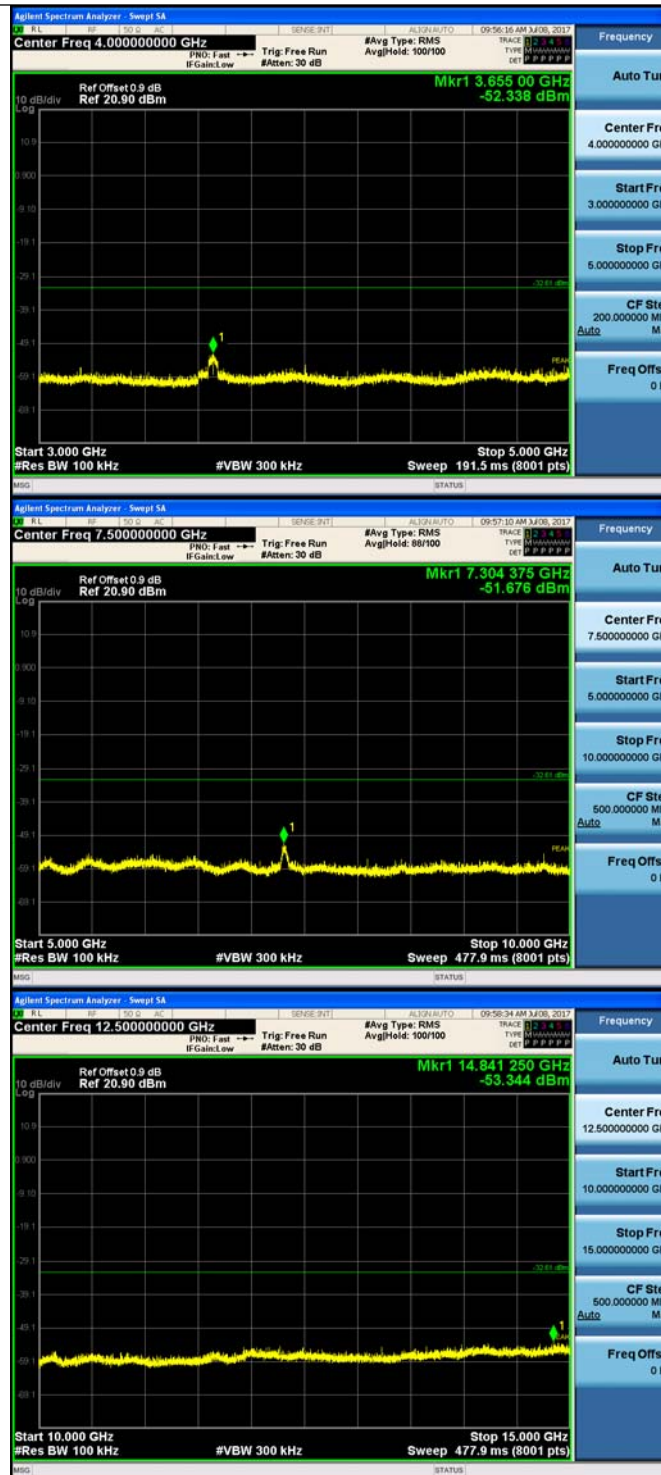
11N40SISO MCH_Graphs

Pref/11N40SIS
O/MCH



Puw/11N40SIS
O/MCH

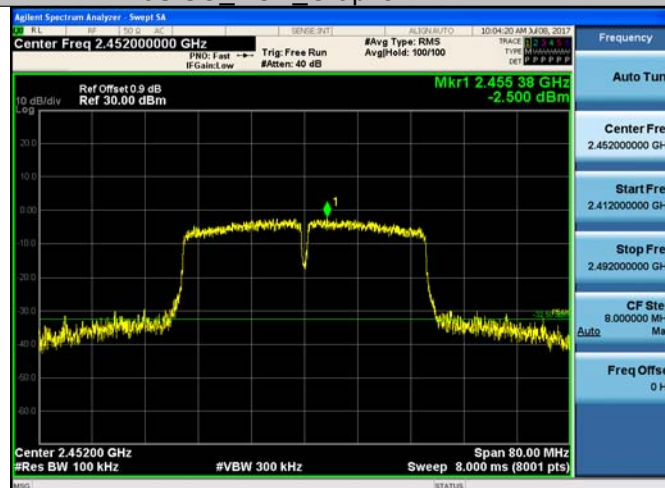




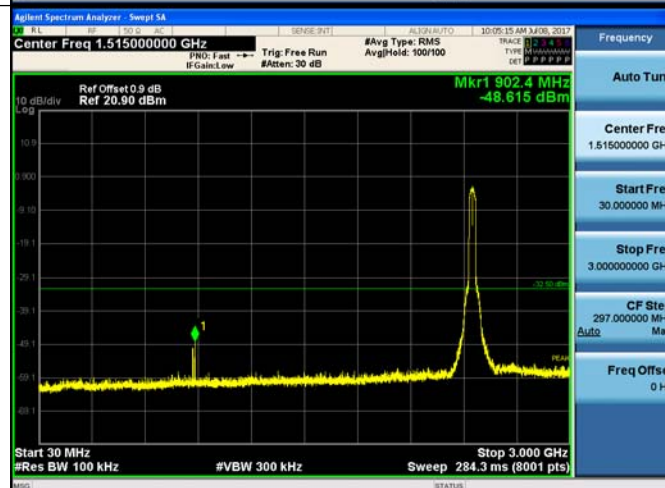


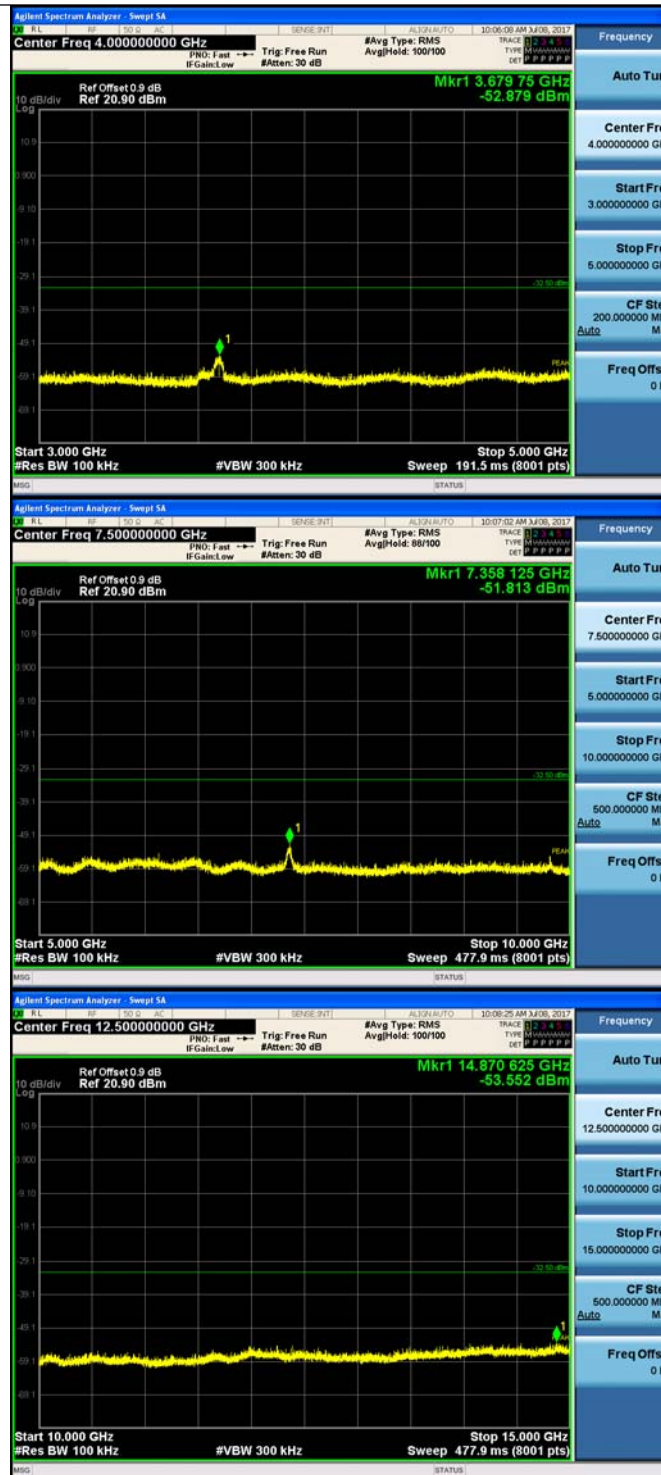
11N40SISO_HCH_Graphs

Pref/11N40SIS
O/HCH



Puw/11N40SIS
O/HCH







Power Spectral Density

Result Table

Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	-13.440	PASS
11B	MCH	-13.473	PASS
11B	HCH	-13.649	PASS
11G	LCH	-15.896	PASS
11G	MCH	-15.716	PASS
11G	HCH	-16.823	PASS
11N20SISO	LCH	-16.520	PASS
11N20SISO	MCH	-15.359	PASS
11N20SISO	HCH	-16.866	PASS
11N40SISO	LCH	-20.073	PASS
11N40SISO	MCH	-21.439	PASS
11N40SISO	HCH	-21.706	PASS

Test Graph

Graphs

11B/LCH



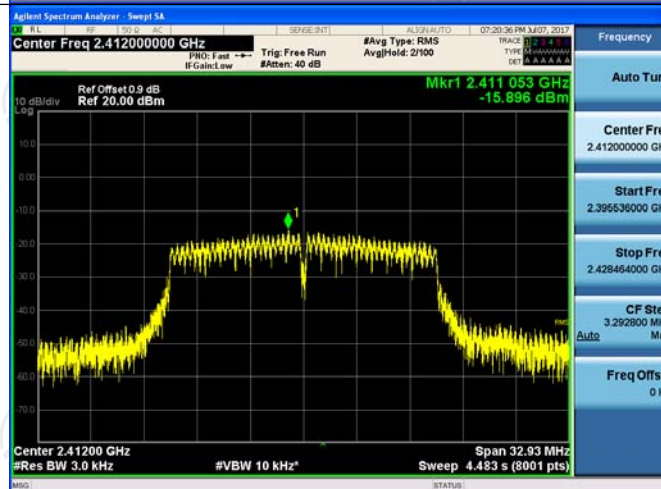
11B/MCH



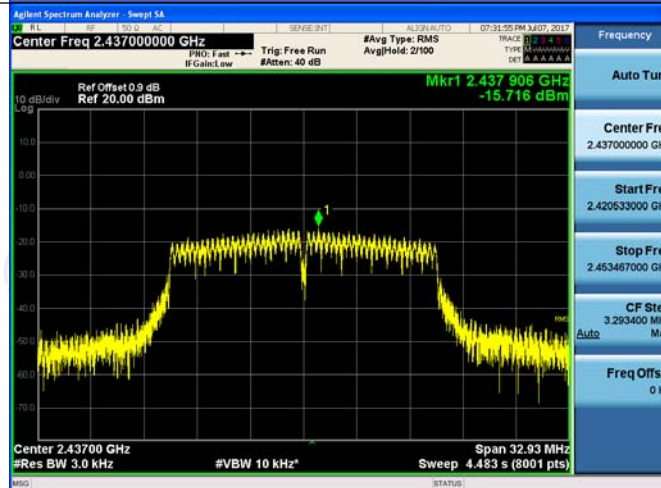
11B/HCH



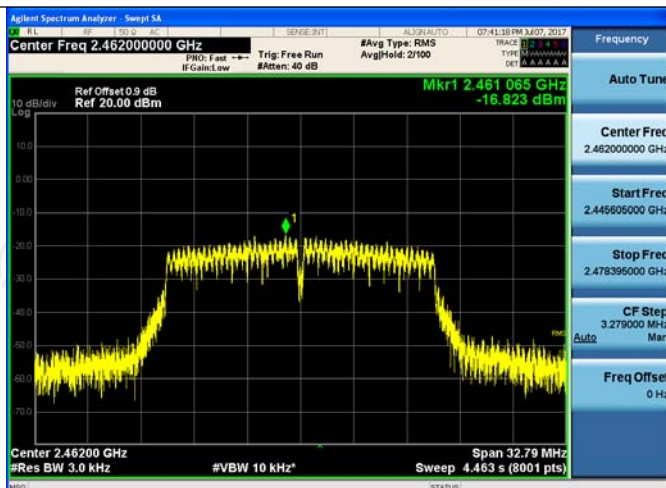
11G/LCH



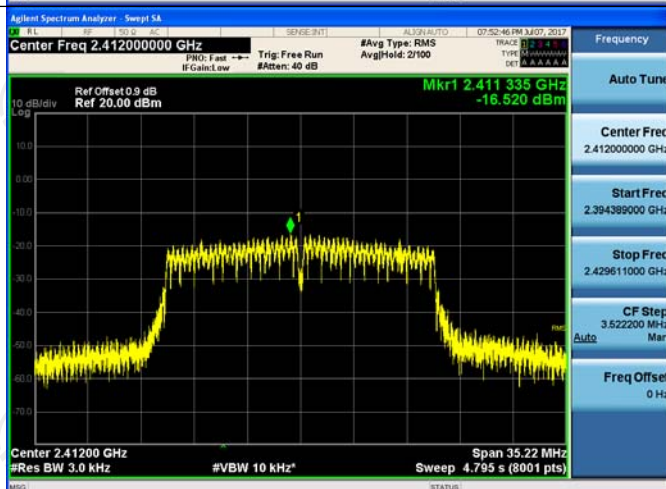
11G/MCH



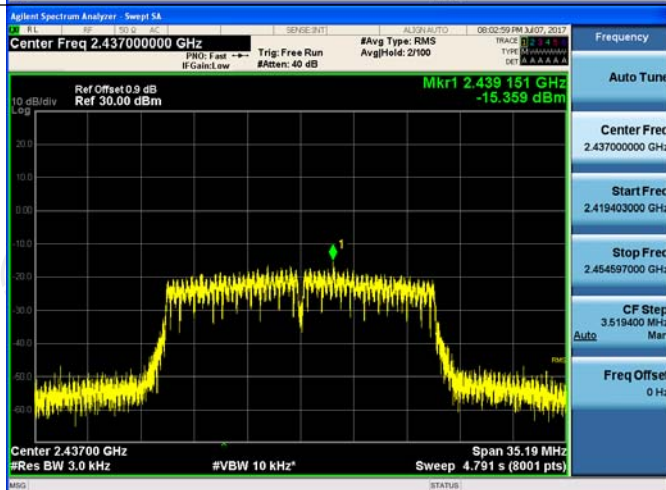
11G/HCH

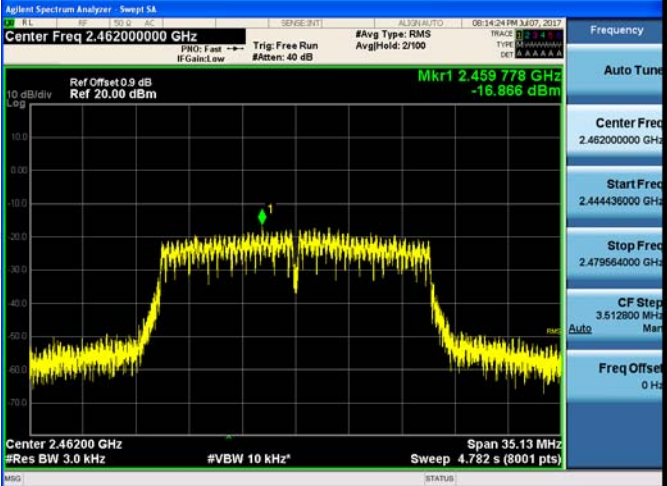
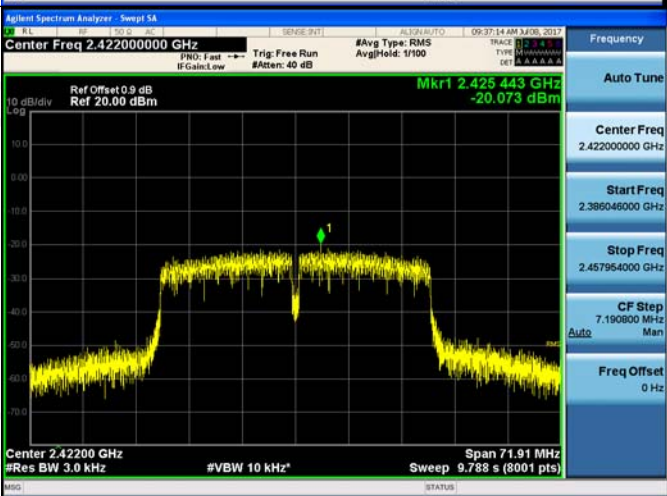
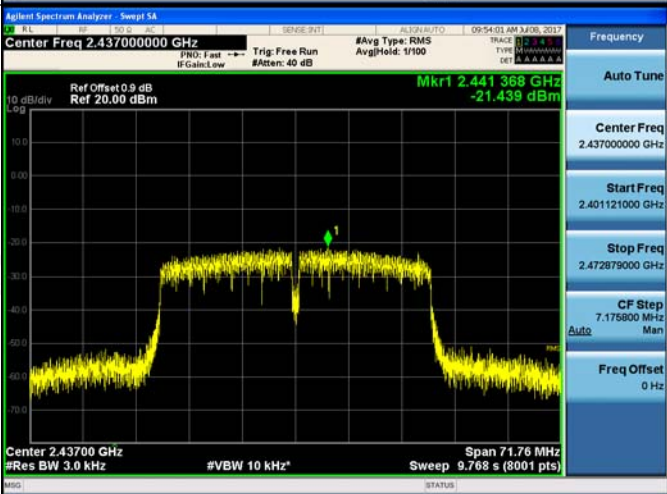


11N20SISO/LCH

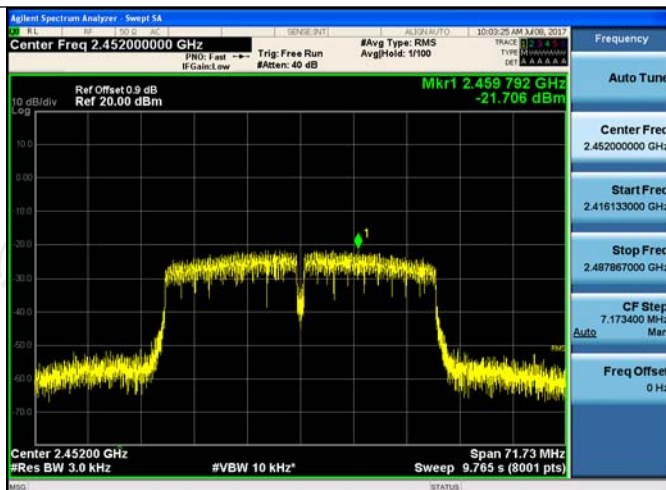


11N20SISO/MCH



11N20SISO/HCH	
11N40SISO/LCH	
11N40SISO/MCH	

11N40SISO/HCH



Appendix B: Photographs of Test Setup

Refer to test report TCT170705E025

Appendix C: Photographs of EUT

Refer to test report TCT170705E025

*******END OF REPORT*******