

Band-edge for RF Conducted Emissions

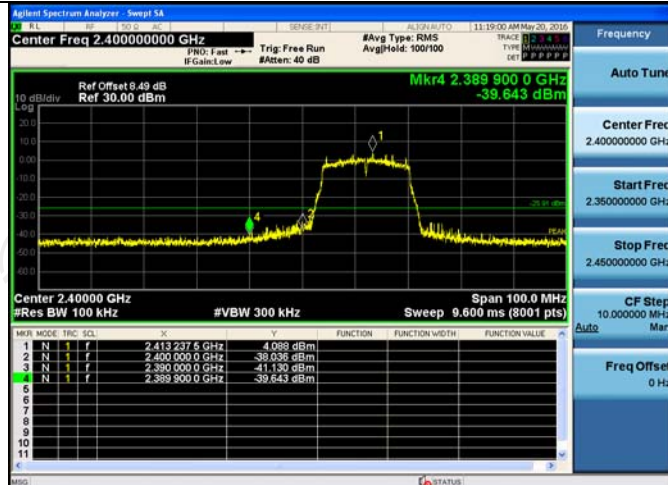
Result Table

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	9.247	-41.279	-20.75	PASS
11B	HCH	9.547	-41.323	-20.45	PASS
11G	LCH	4.088	-39.643	-25.91	PASS
11G	HCH	3.253	-38.704	-26.75	PASS
11N20SISO	LCH	4.126	-40.448	-25.87	PASS
11N20SISO	HCH	3.151	-37.467	-26.85	PASS
11N40SISO	LCH	-1.132	-38.301	-31.13	PASS
11N40SISO	HCH	-1.213	-38.228	-31.21	PASS

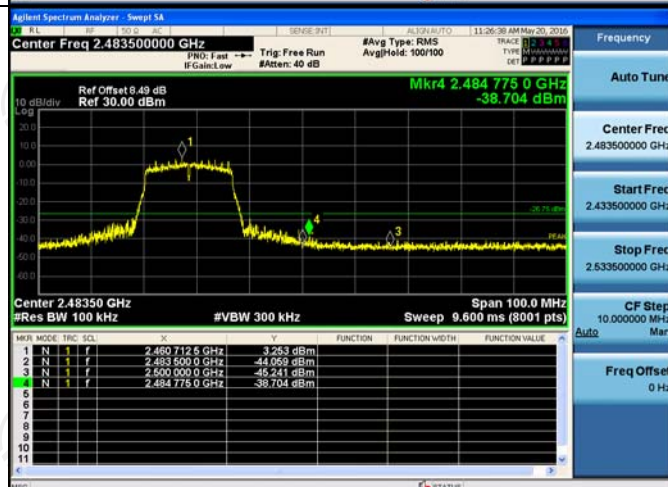
Test Graph



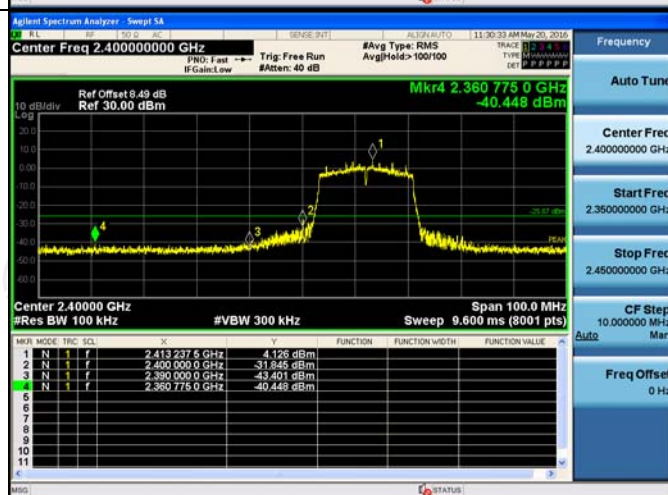
11G/LCH

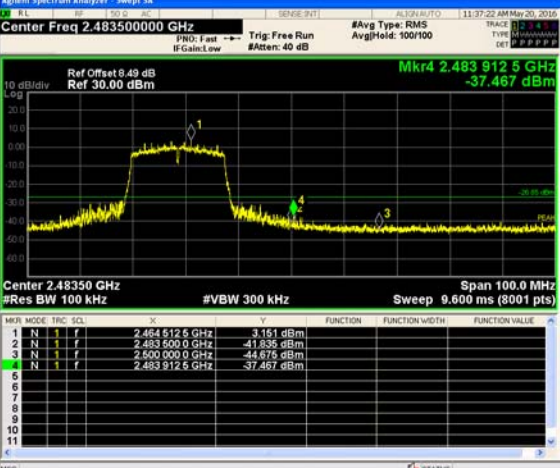
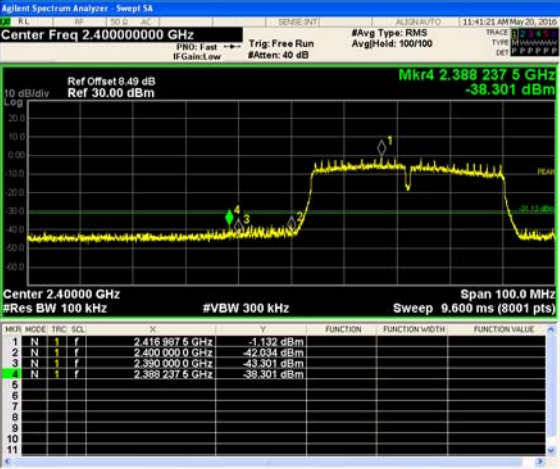
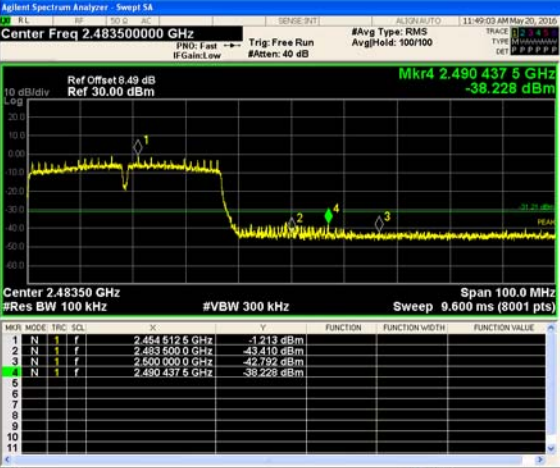


11G/HCH



11N20SISO/LCH



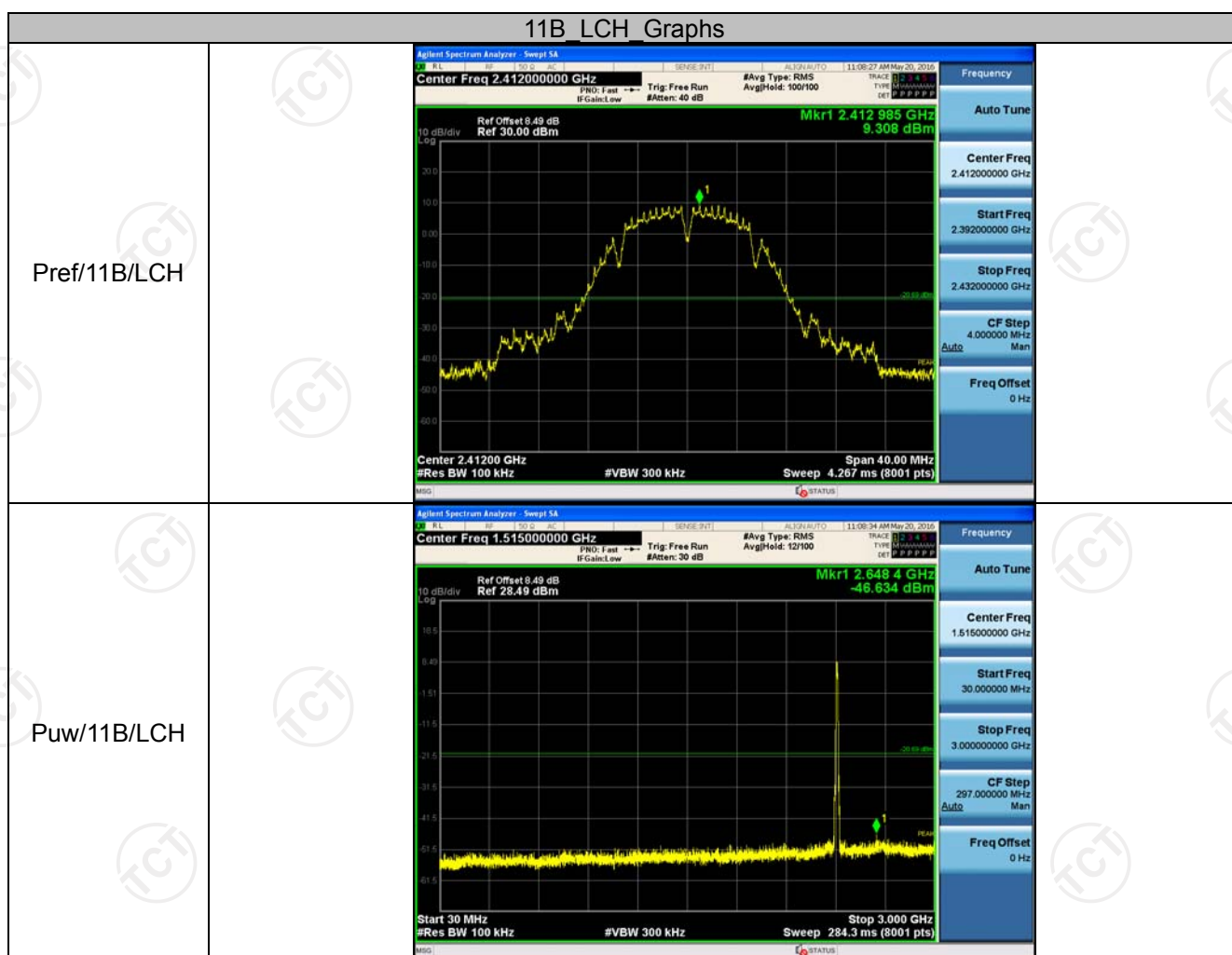
11N20SISO/HCH			Frequency Auto Tune Center Freq 2.483500000 GHz Start Freq 2.433500000 GHz Stop Freq 2.533500000 GHz CF Step 10.000000 MHz Freq Offset 0 Hz
11N40SISO/LCH			Frequency Auto Tune Center Freq 2.400000000 GHz Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz CF Step 10.000000 MHz Freq Offset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

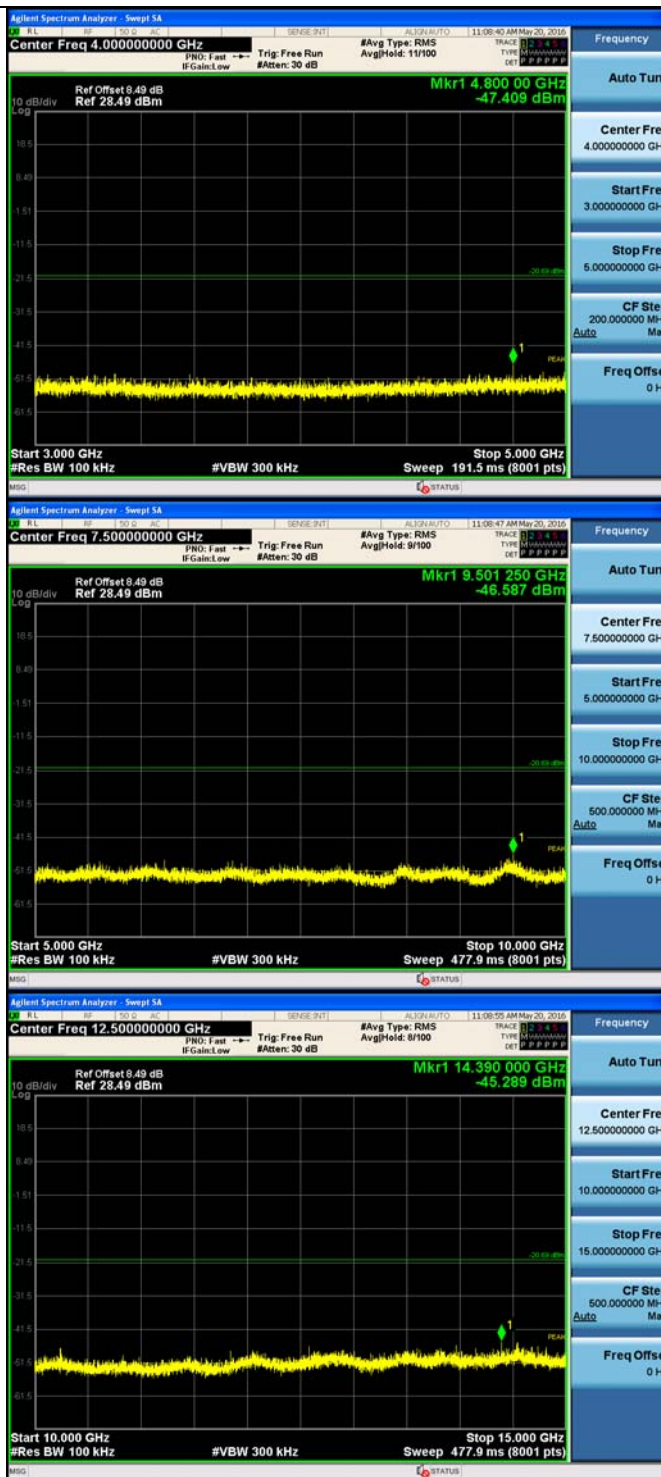
RF Conducted Spurious Emissions

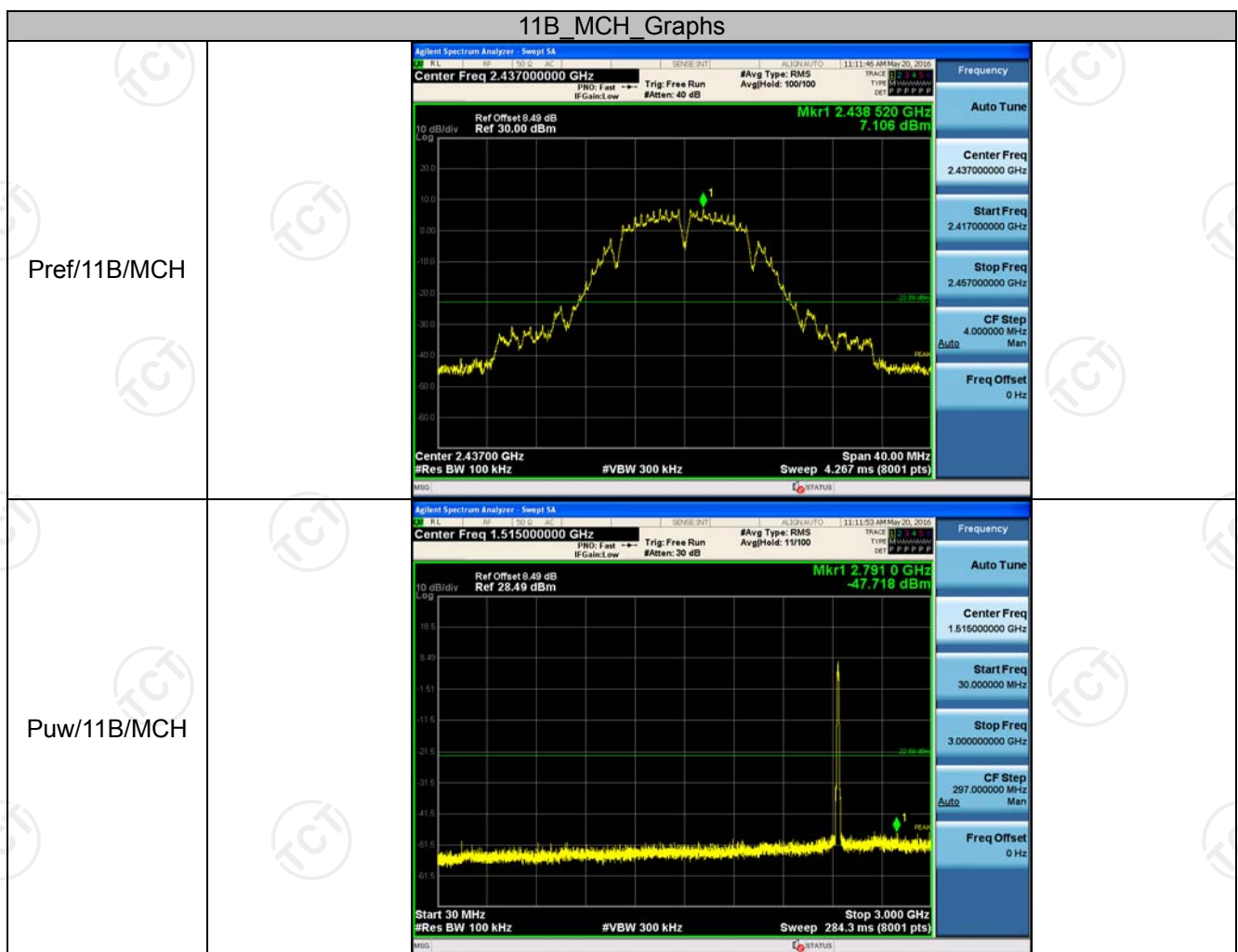
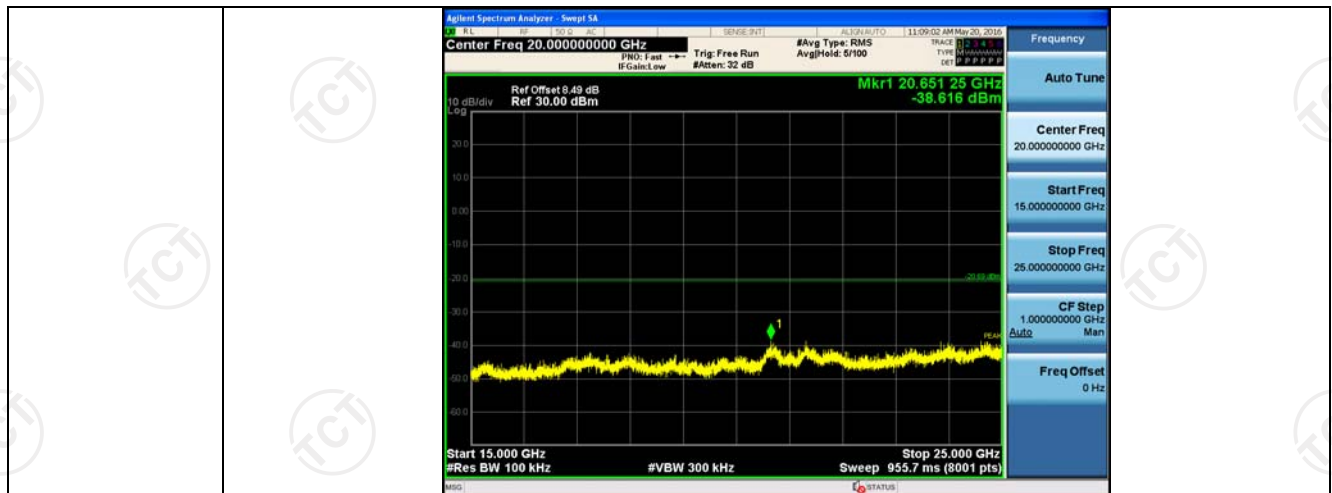
Result Table

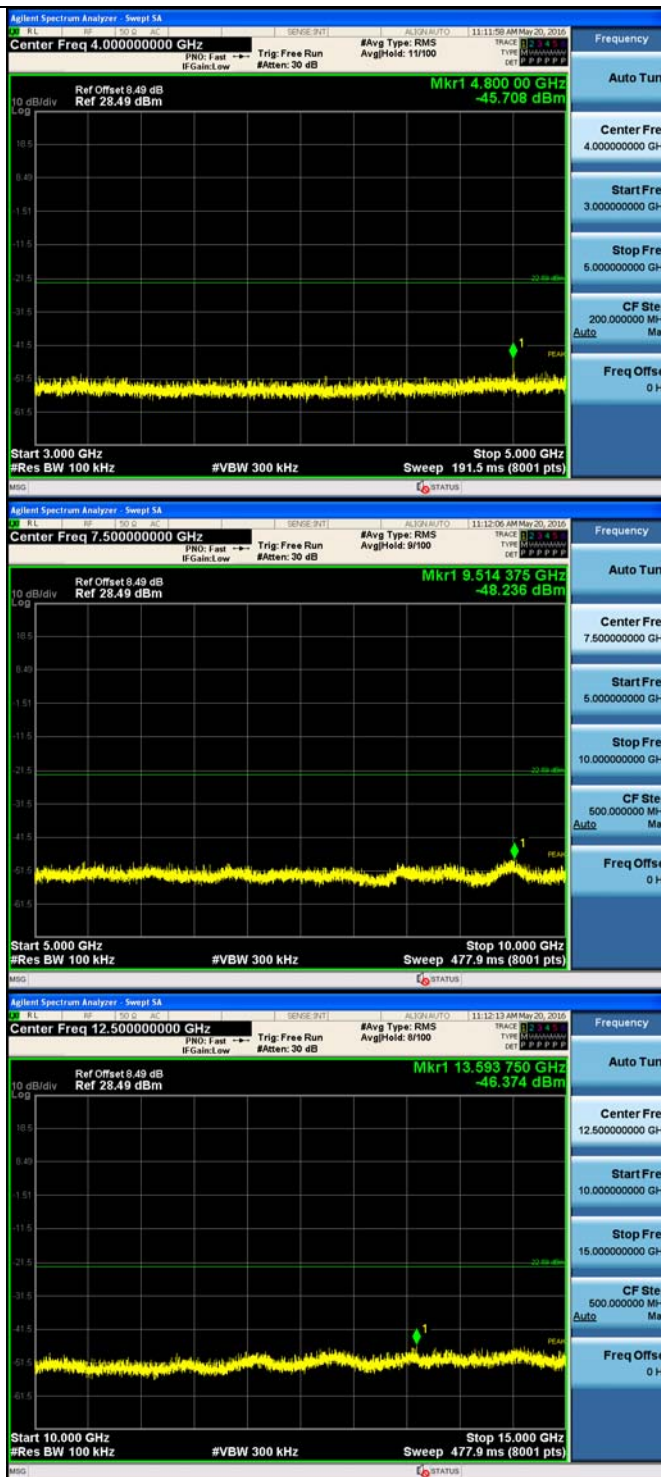
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
11B	LCH	9.308	<Limit	PASS
11B	MCH	7.106	<Limit	PASS
11B	HCH	9.431	<Limit	PASS
11G	LCH	3.596	<Limit	PASS
11G	MCH	4.413	<Limit	PASS
11G	HCH	3.305	<Limit	PASS
11N20SISO	LCH	4.627	<Limit	PASS
11N20SISO	MCH	4.637	<Limit	PASS
11N20SISO	HCH	4.256	<Limit	PASS
11N40SISO	LCH	-0.837	<Limit	PASS
11N40SISO	MCH	0.786	<Limit	PASS
11N40SISO	HCH	-1.424	<Limit	PASS

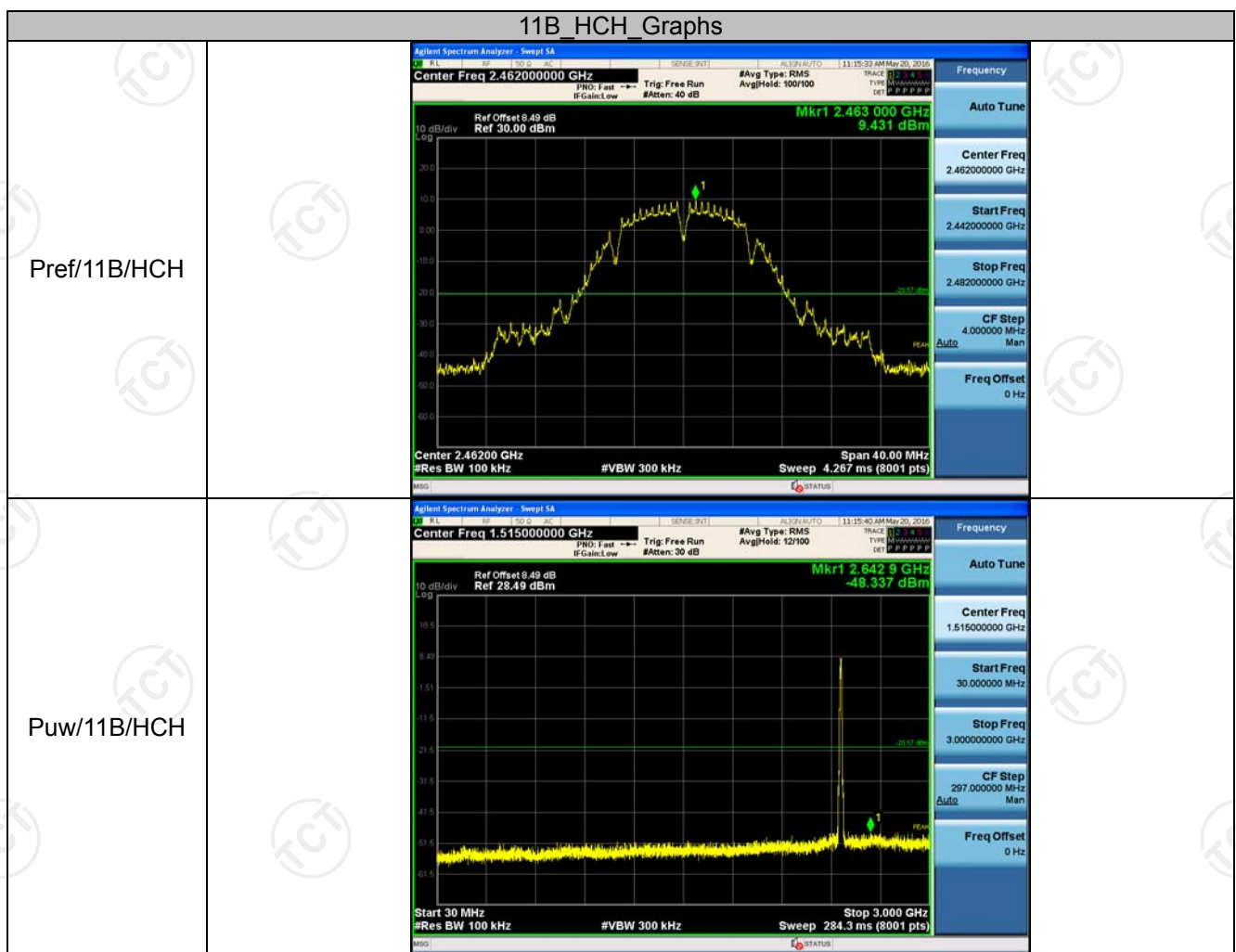
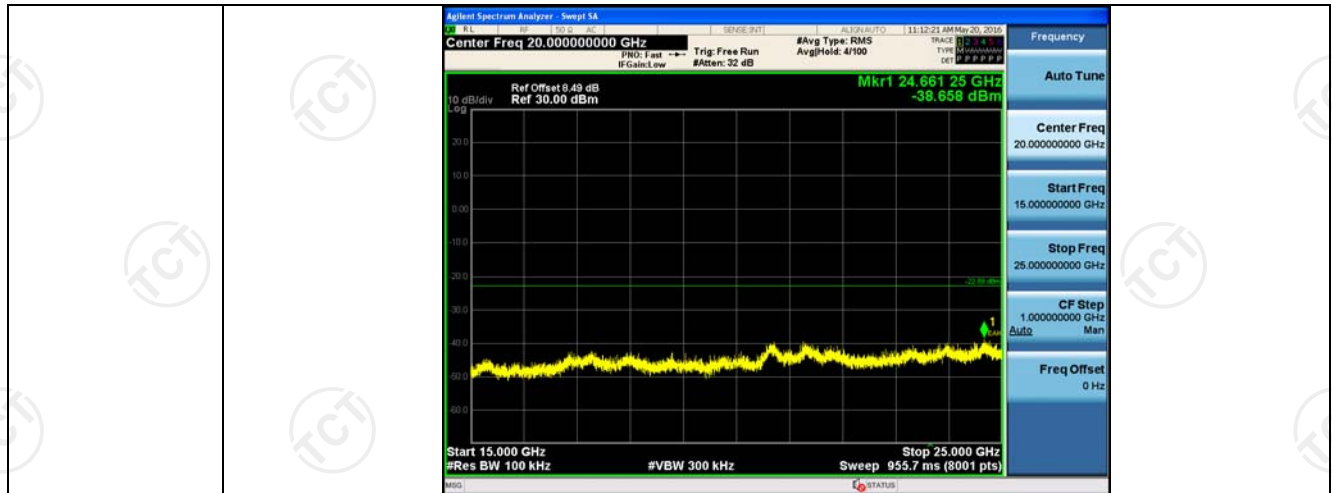
Test Graph

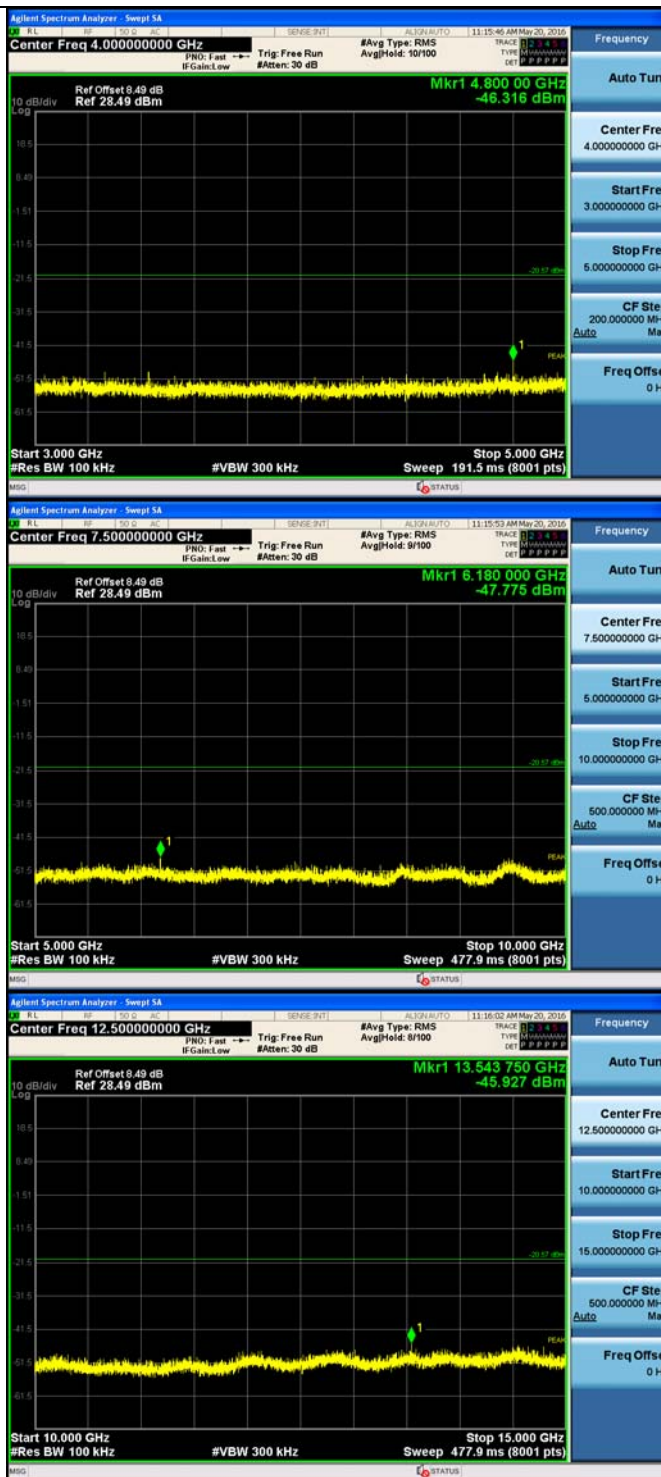


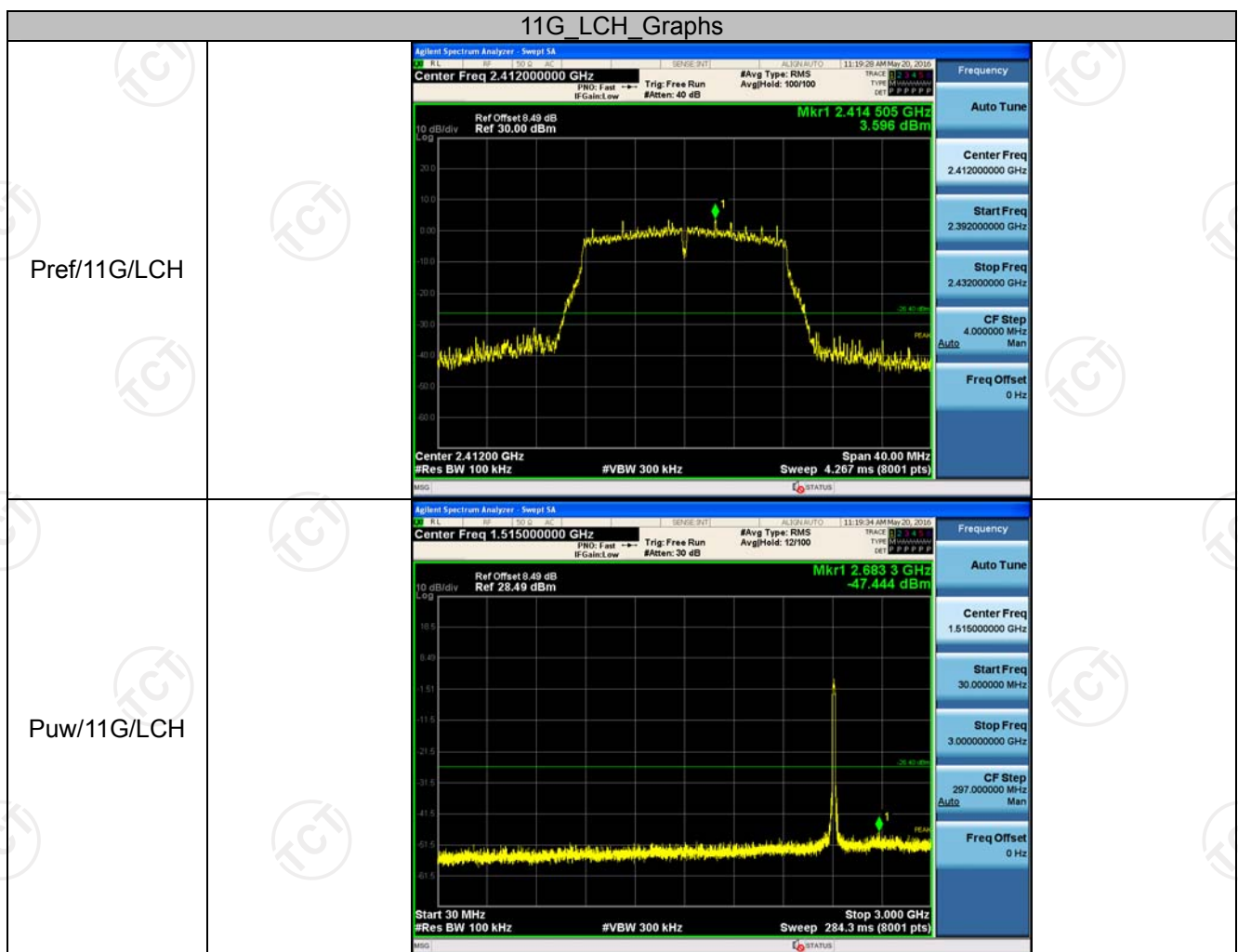
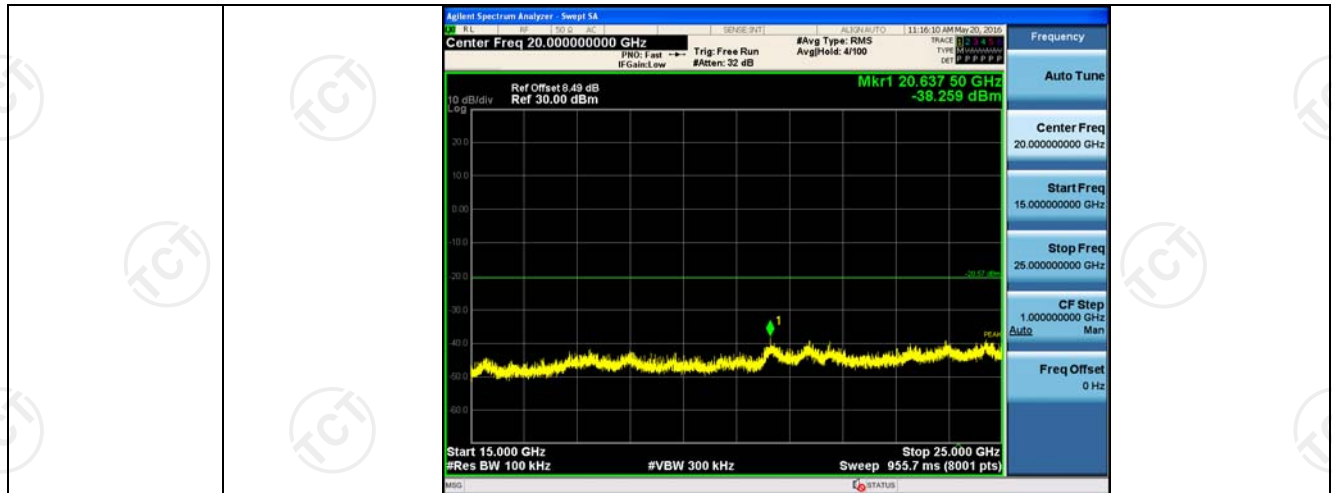


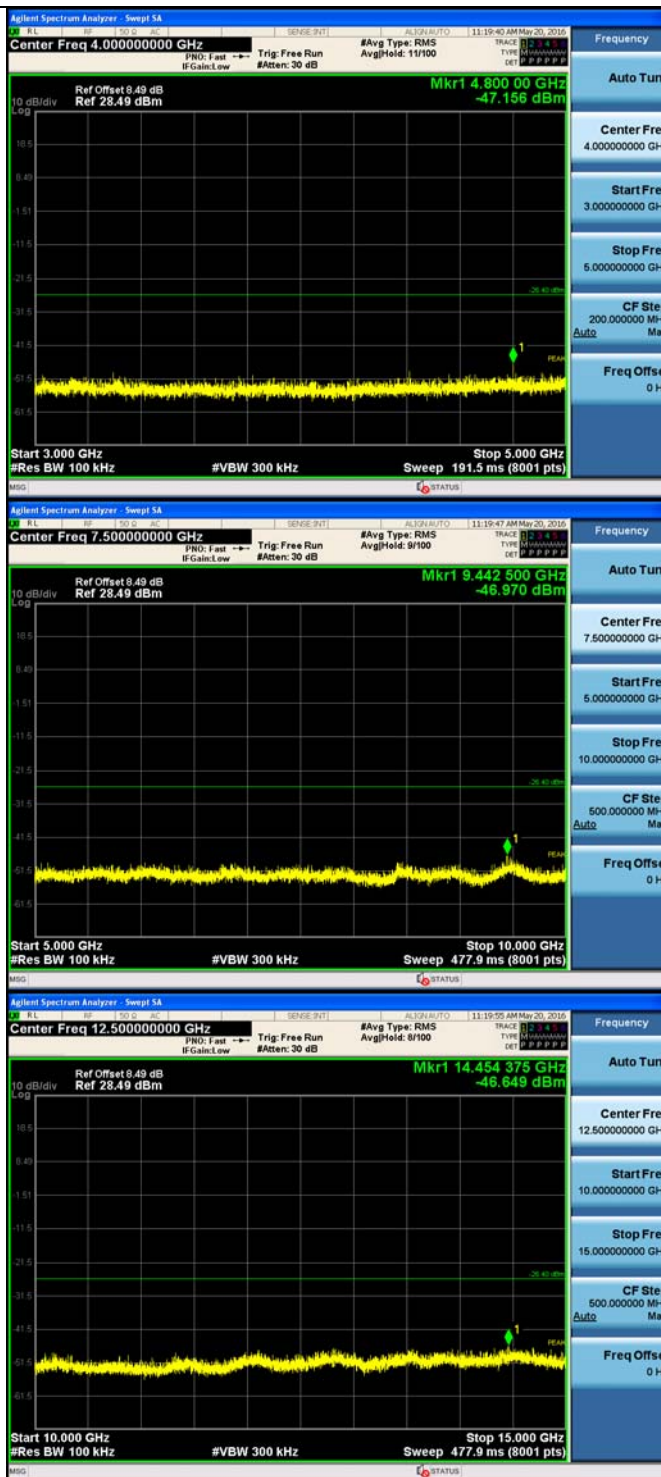


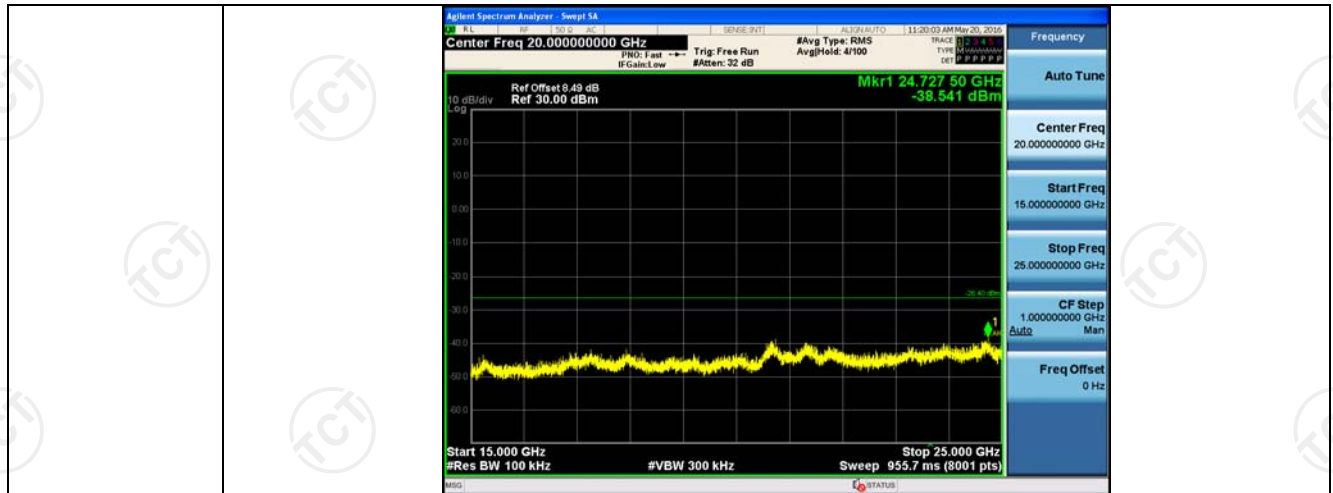




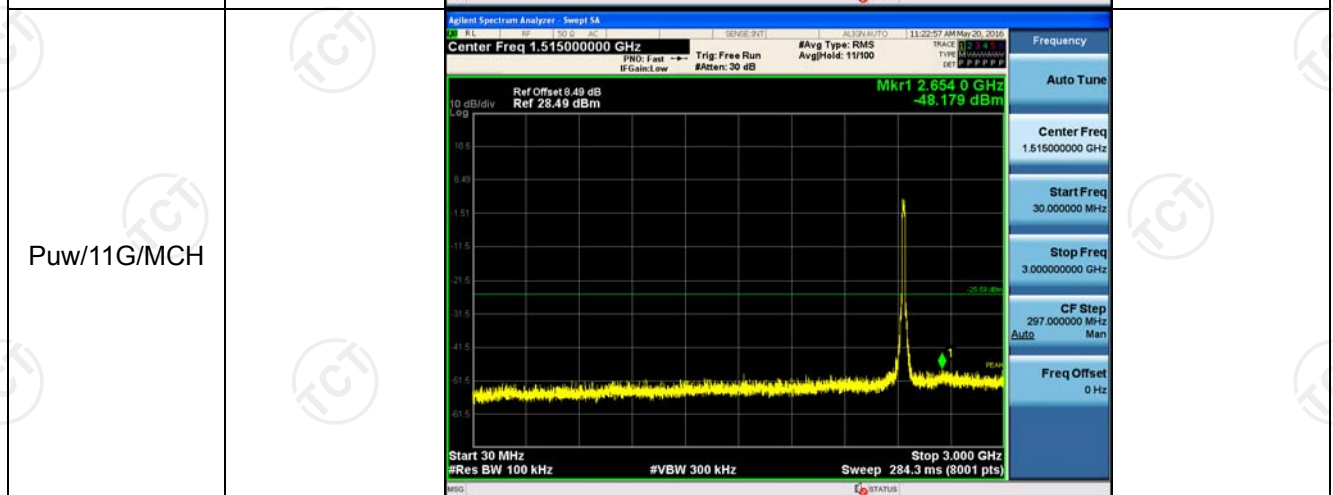
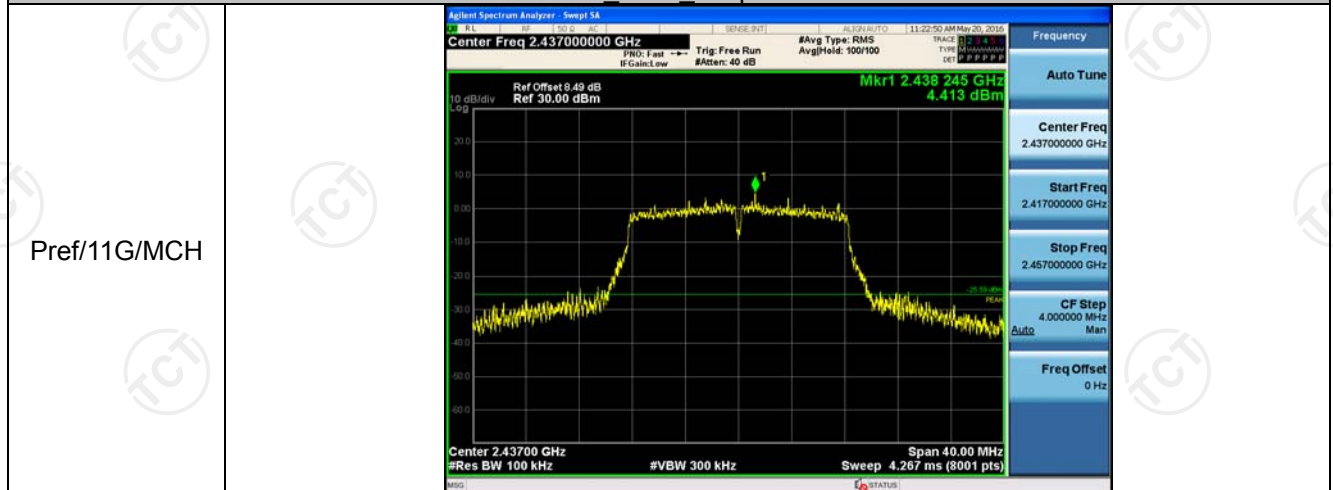


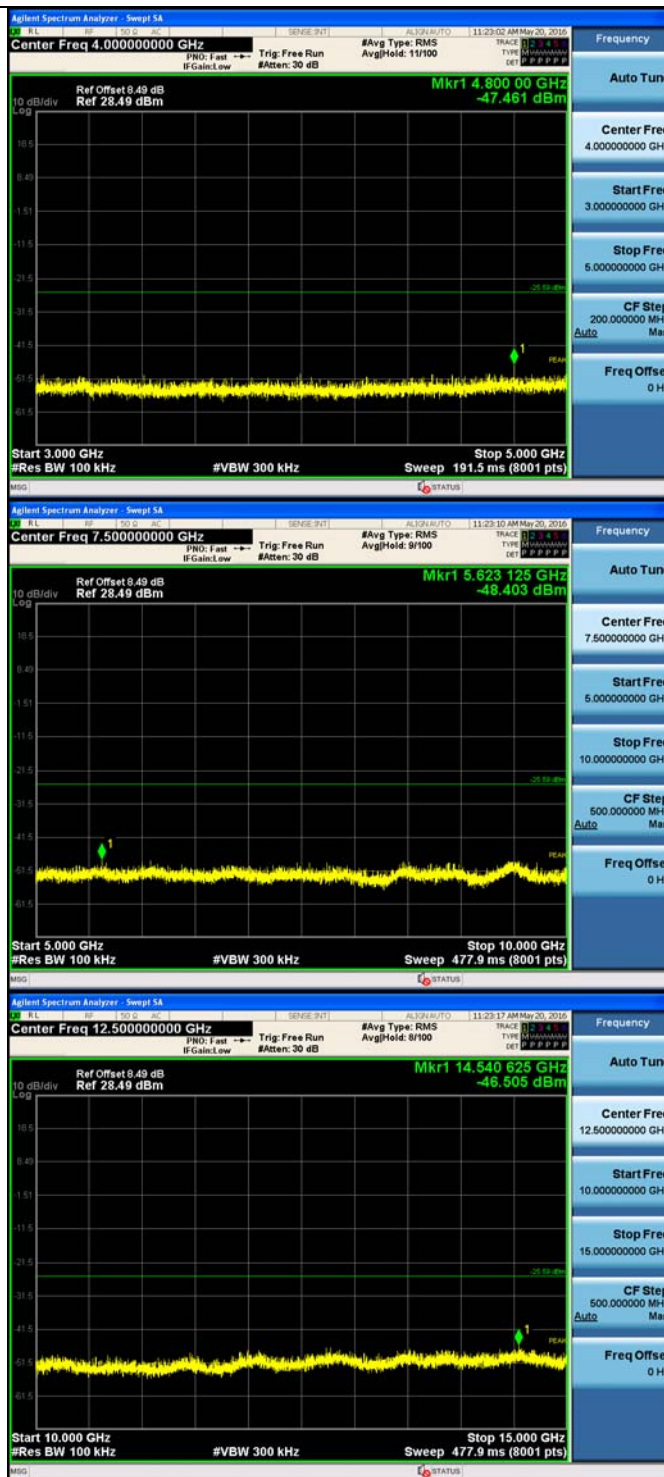


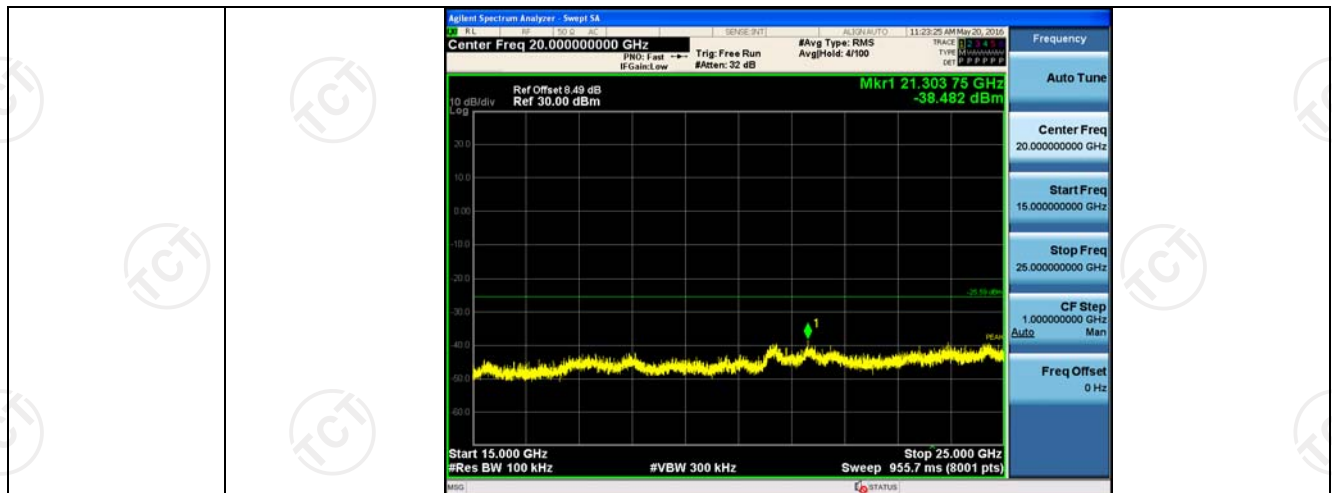




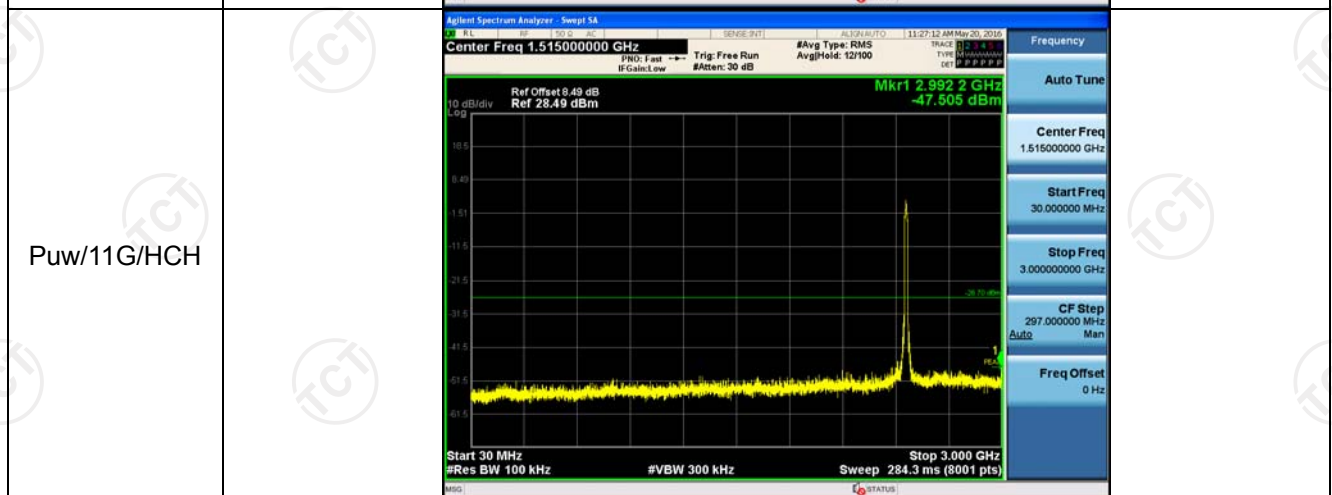
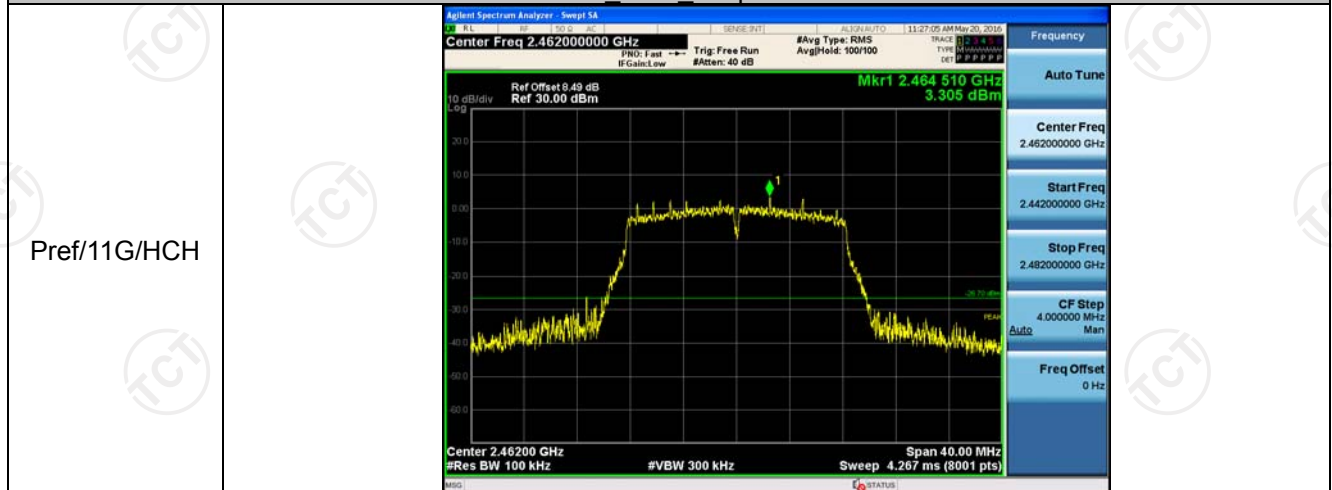
11G MCH Graphs

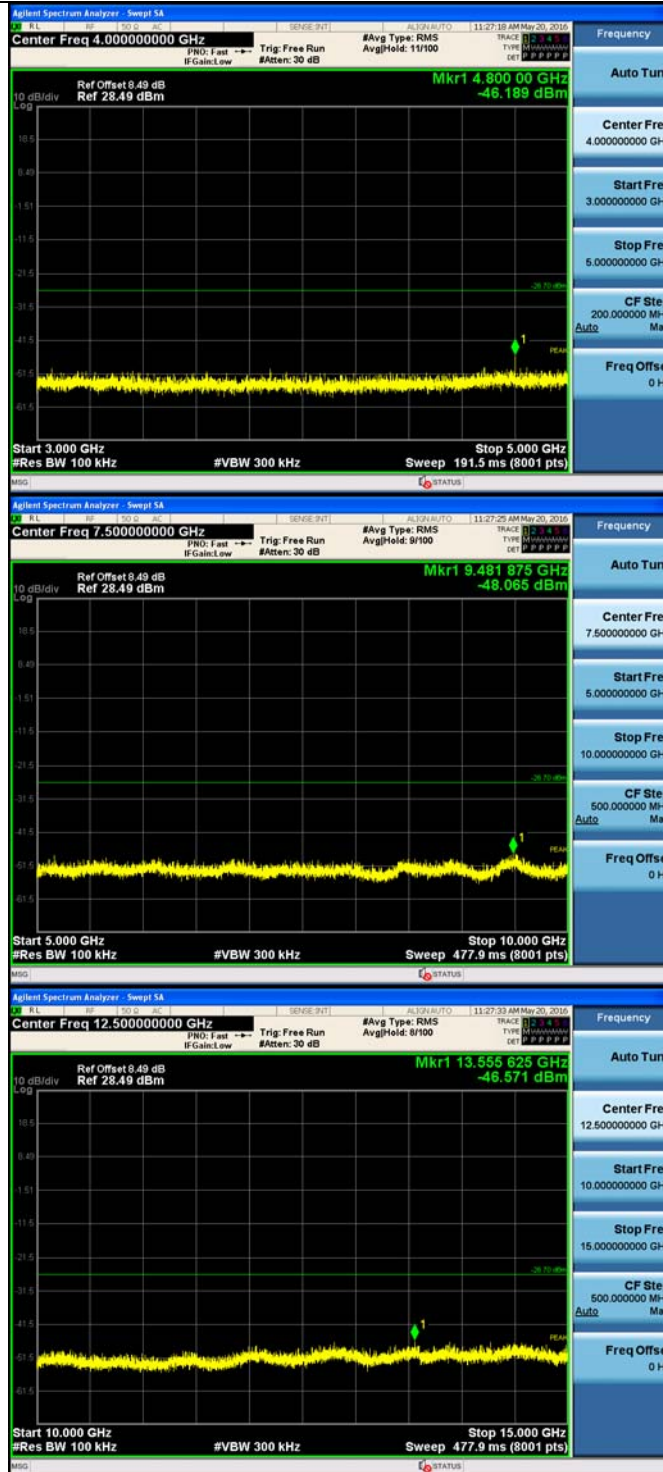


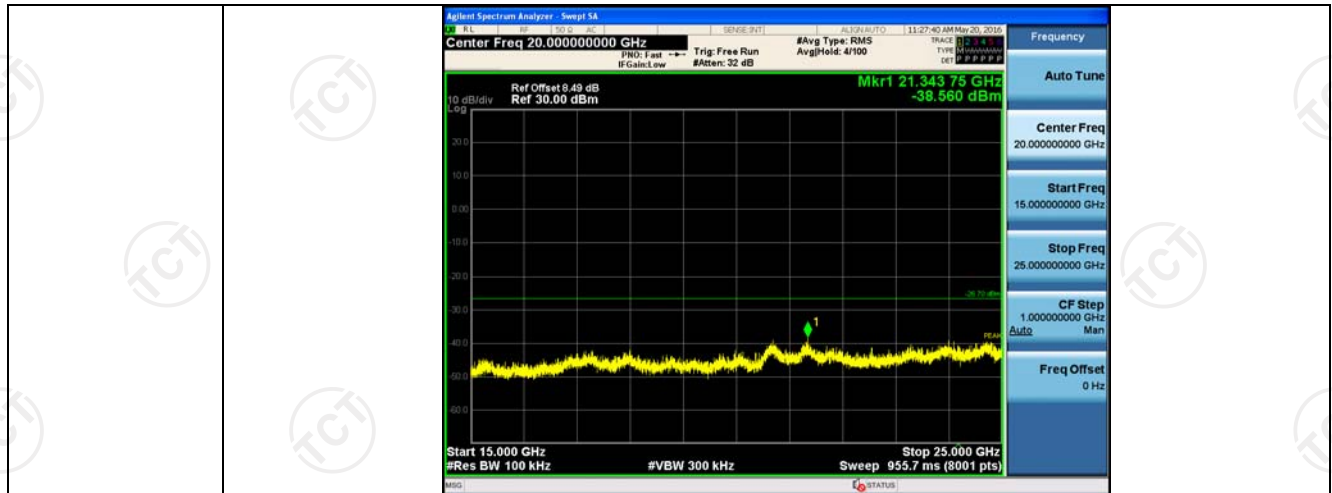




11G HCH Graphs





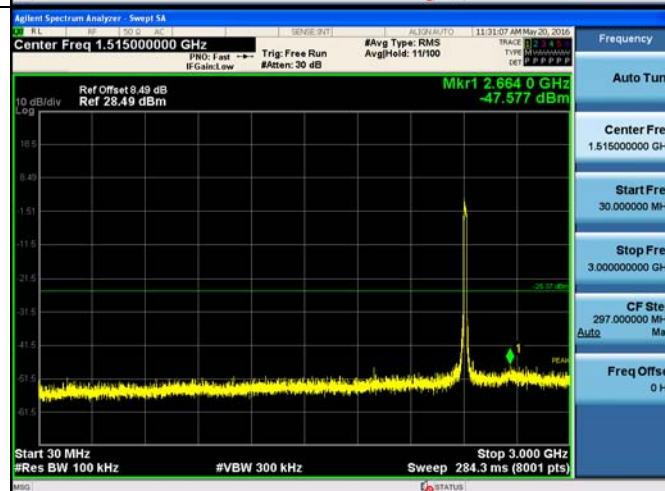


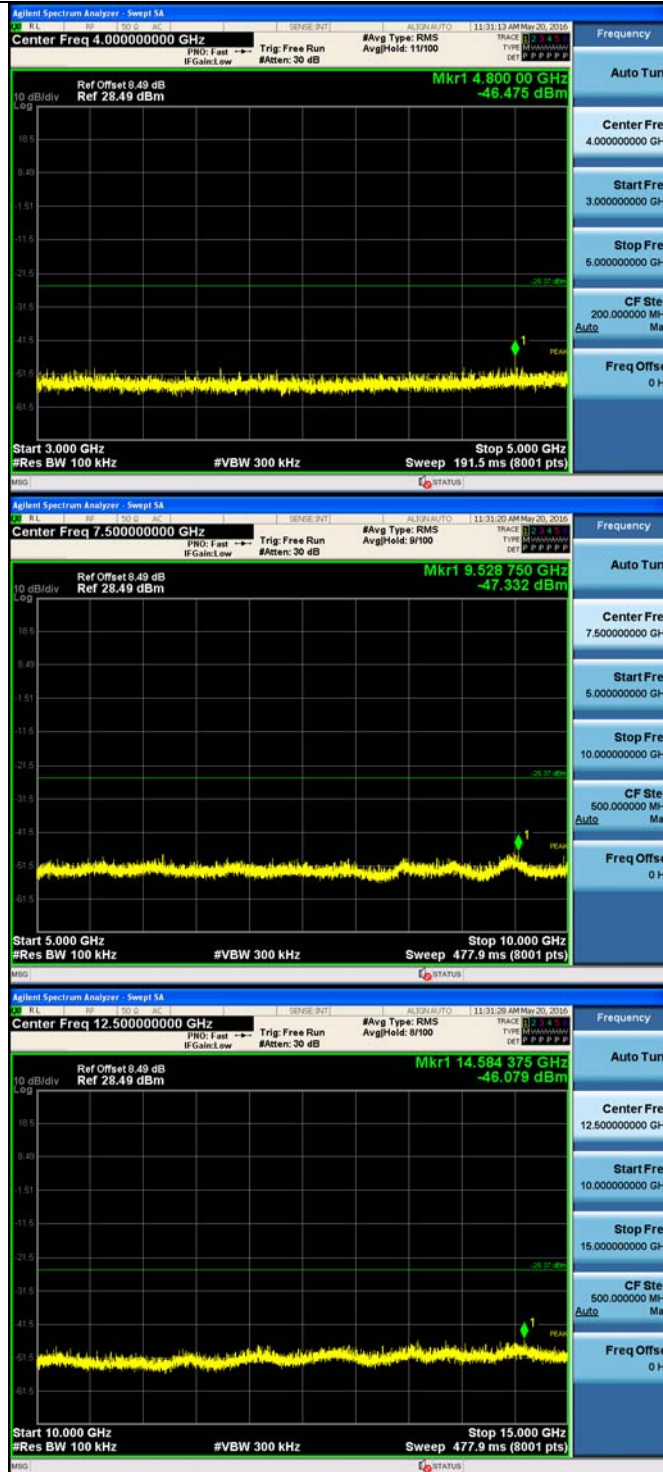
11N20SISO LCH Graphs

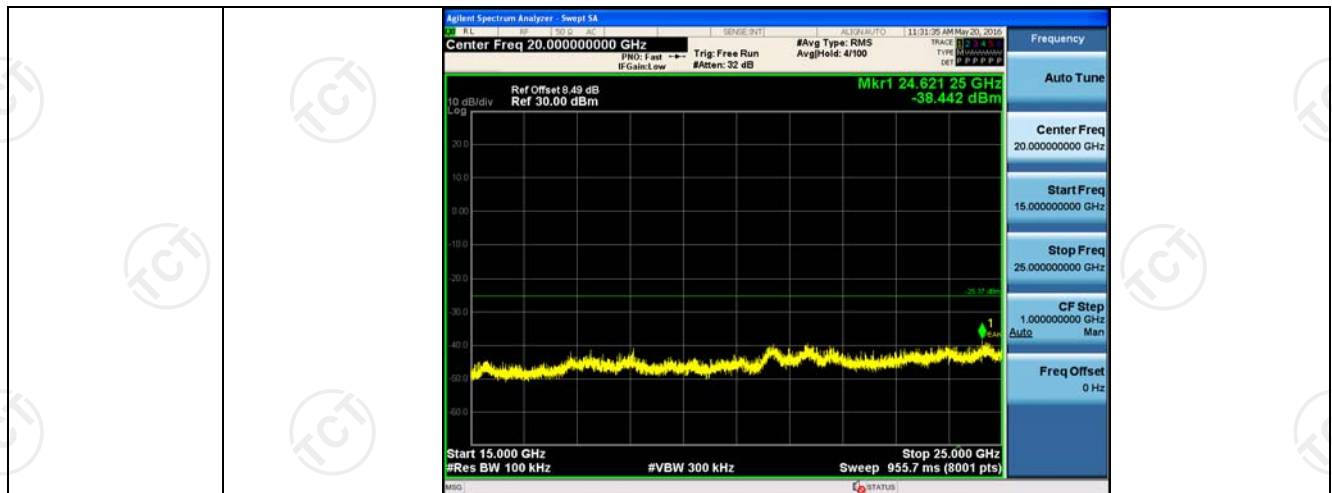
Pref/11N20SIS
O/LCH



/11N20SISO/L
CH

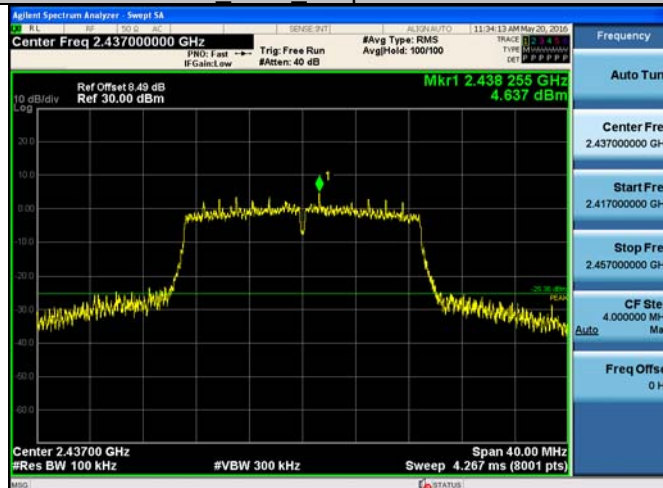




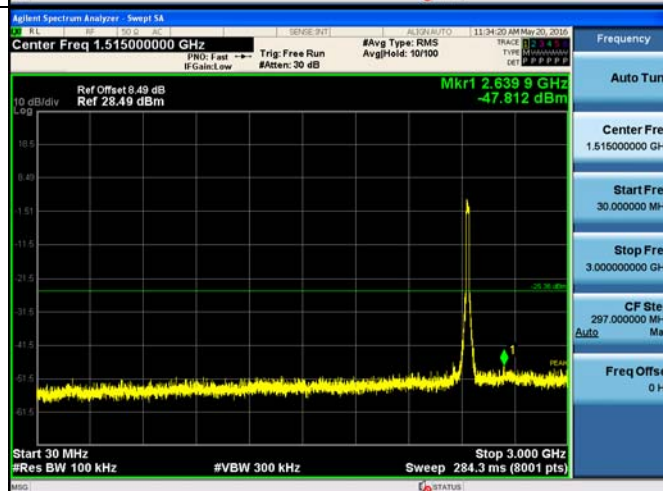


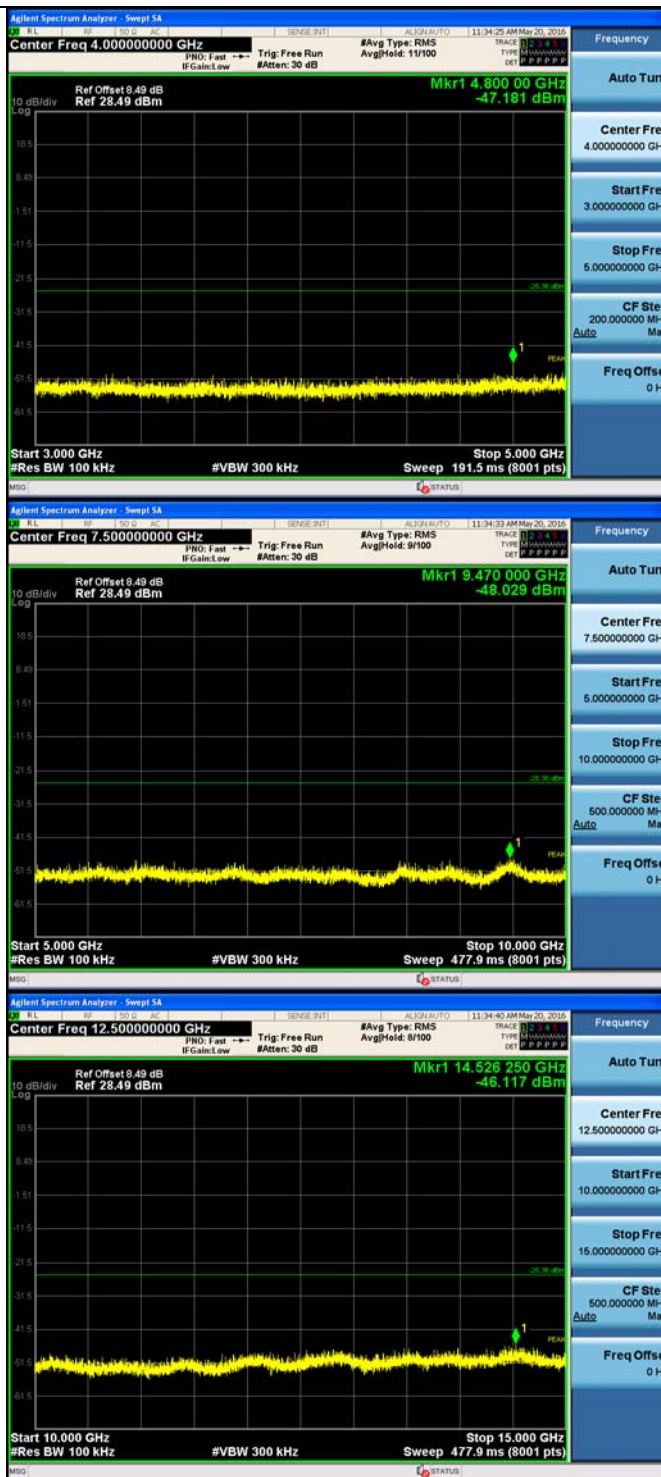
11N20SISO MCH Graphs

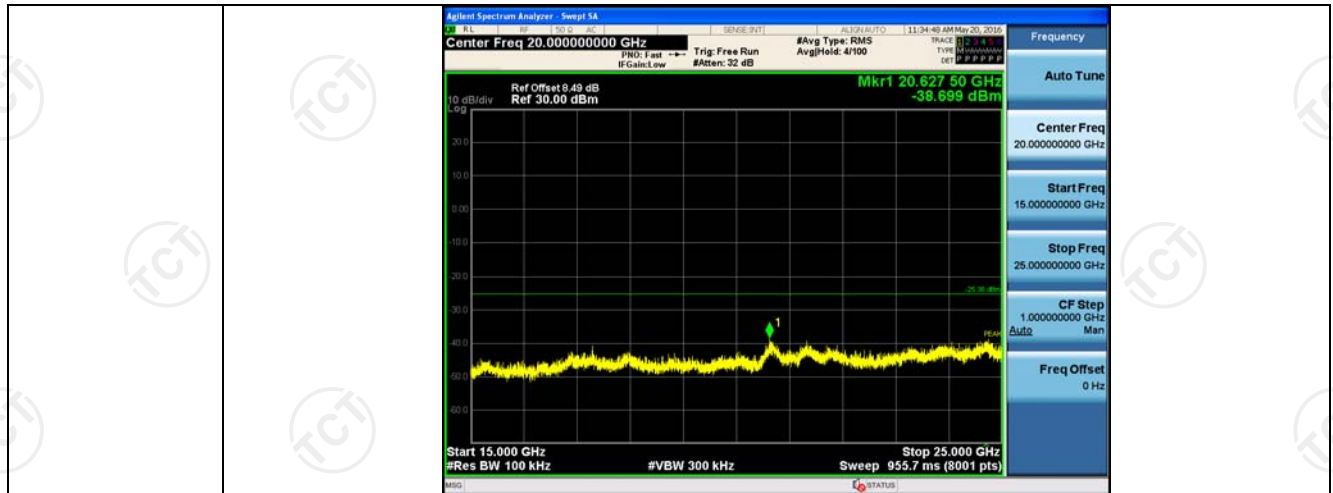
Pref/11N20SIS
O/MCH



Puw/11N20SIS
O/MCH





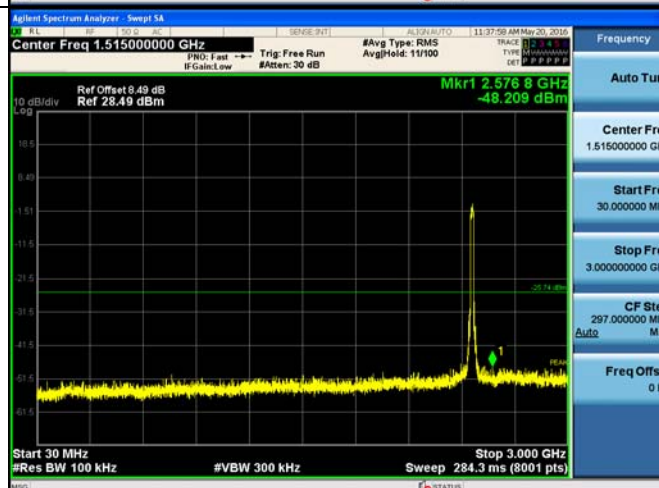


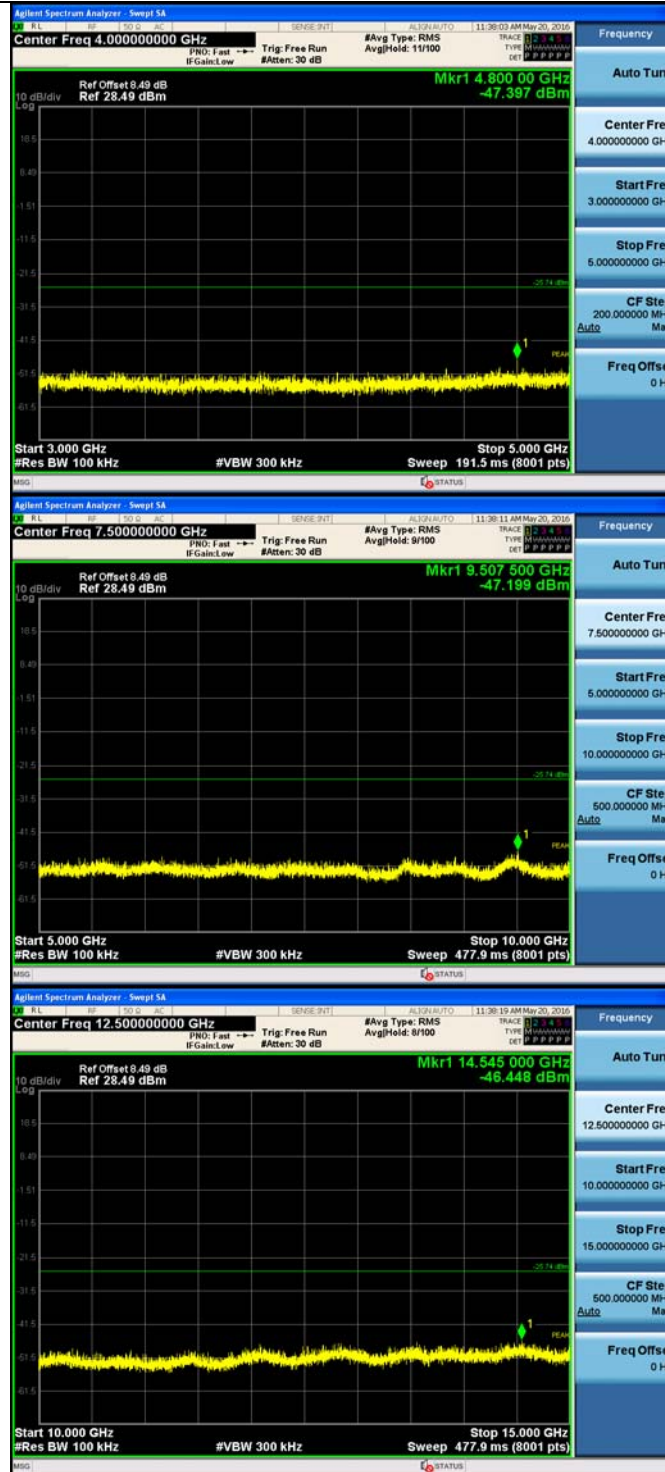
11N20SISO HCH Graphs

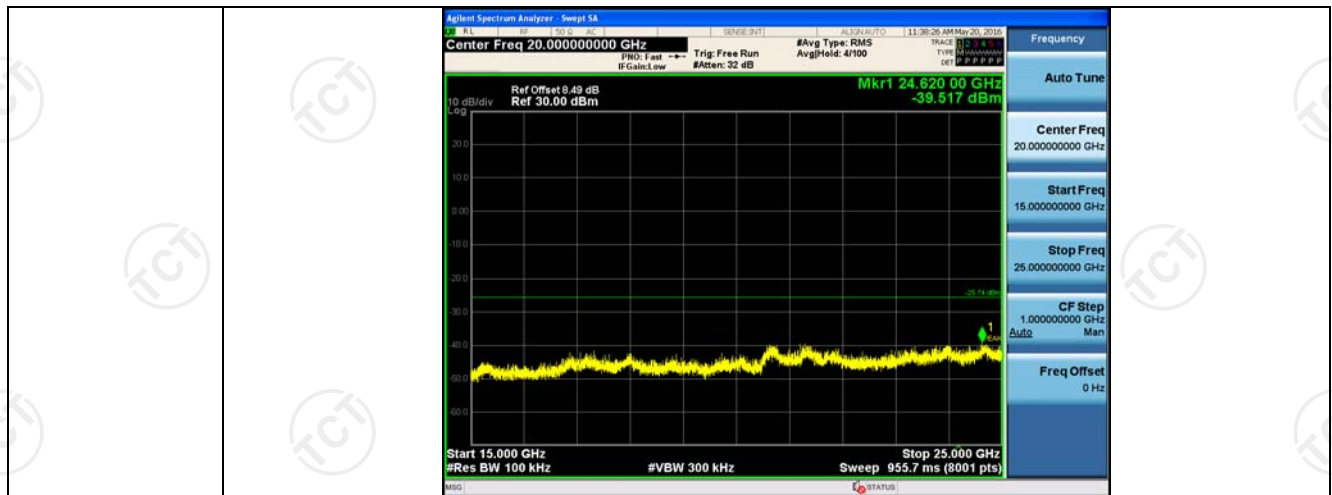
Pref/11N20SIS
O/HCH



Puw/11N20SIS
O/HCH

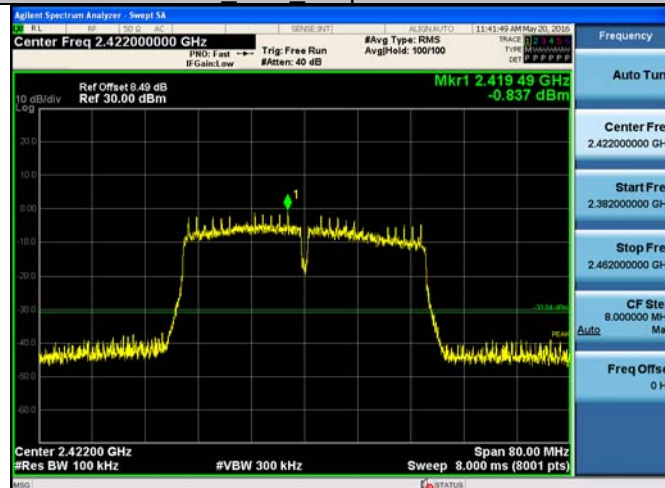




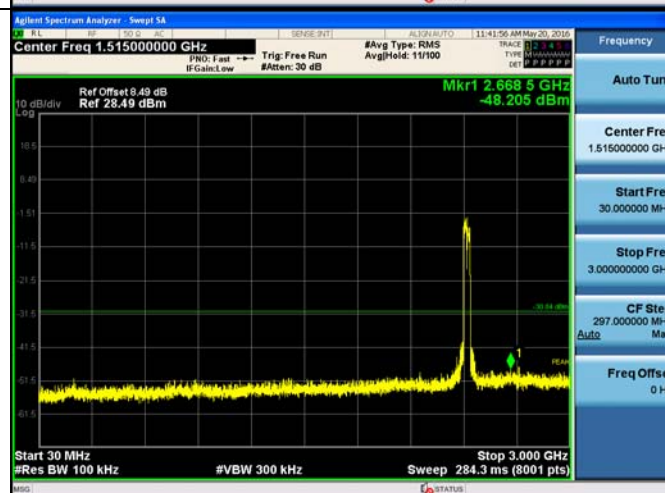


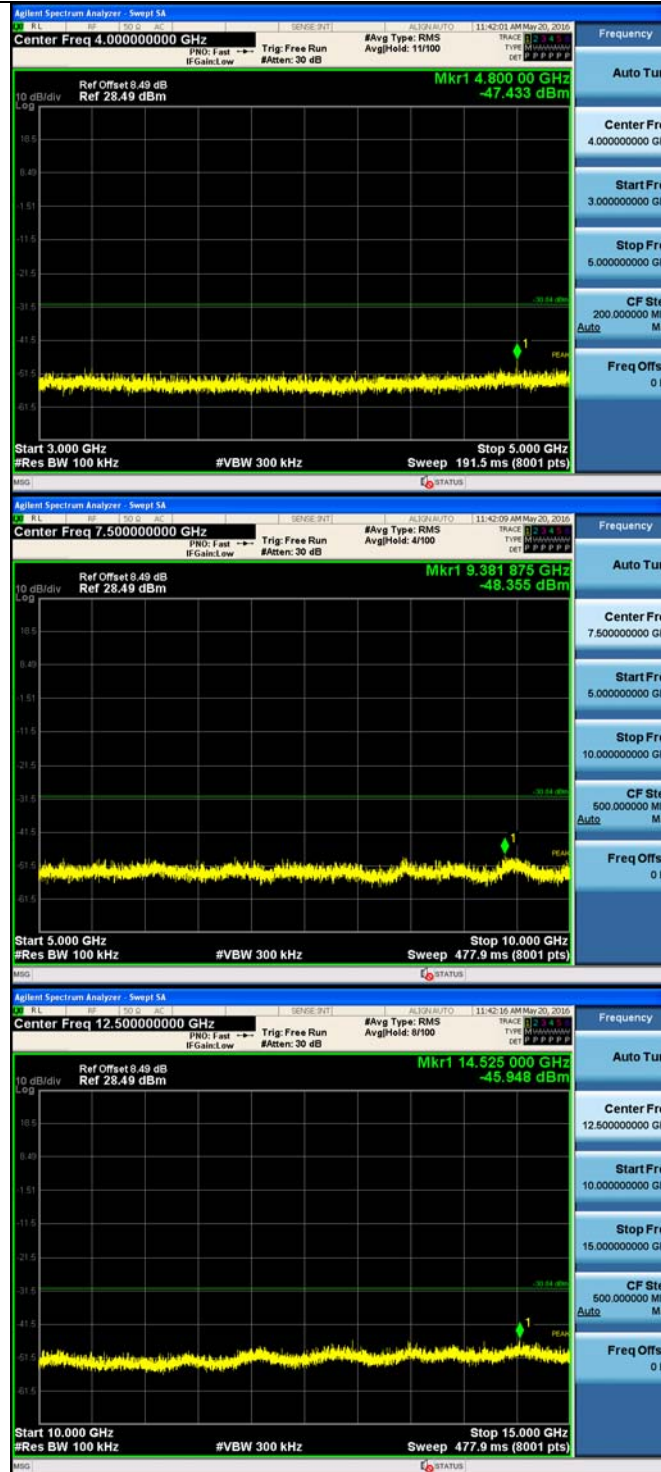
11N40SISO LCH Graphs

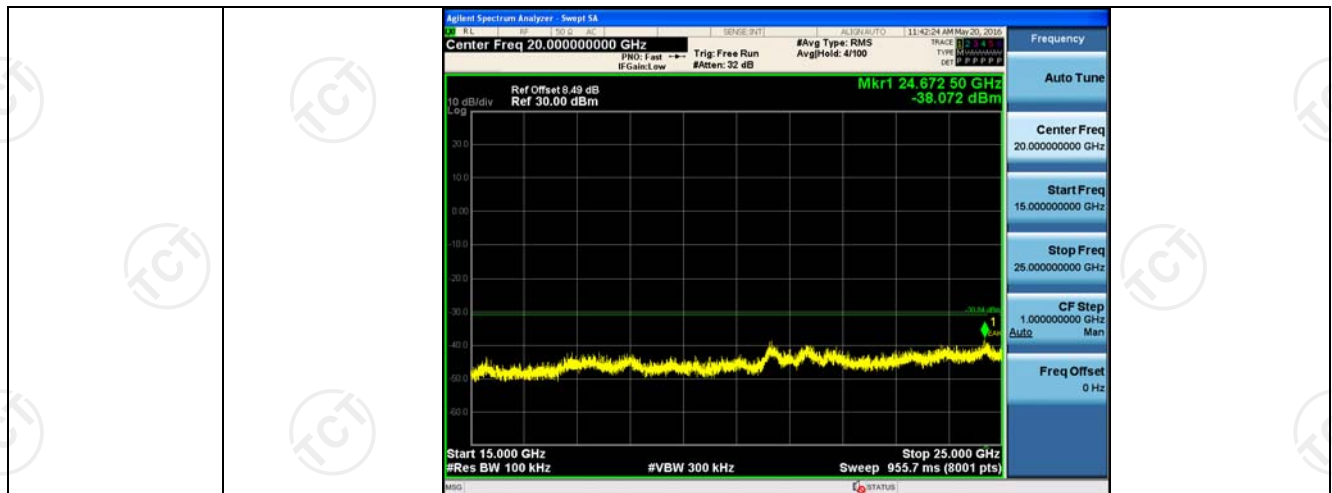
Pref/11N40SIS
O/LCH



Puw/11N40SIS
O/LCH

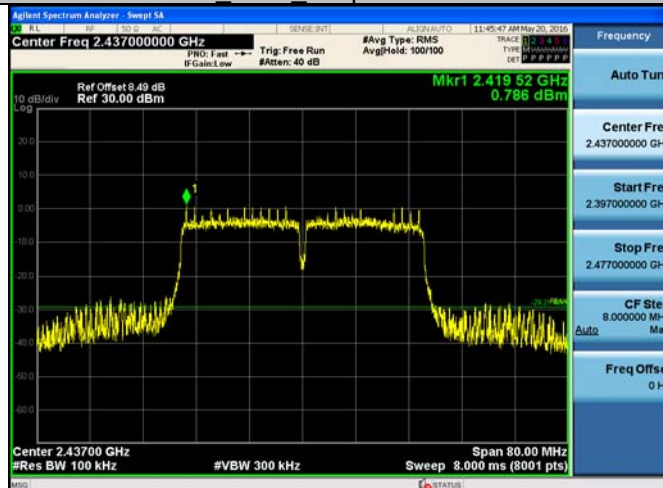




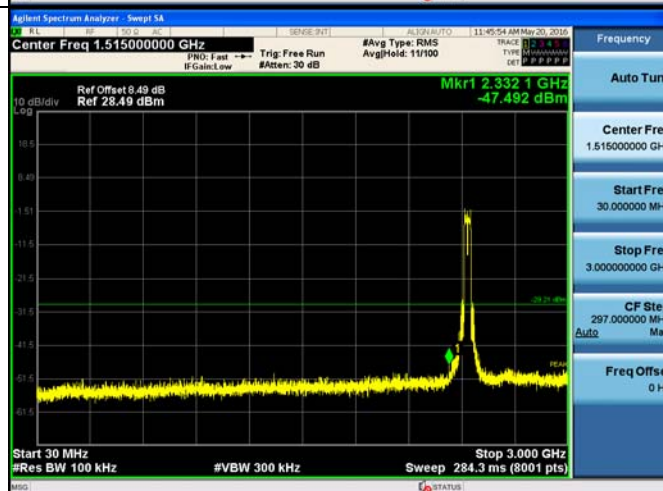


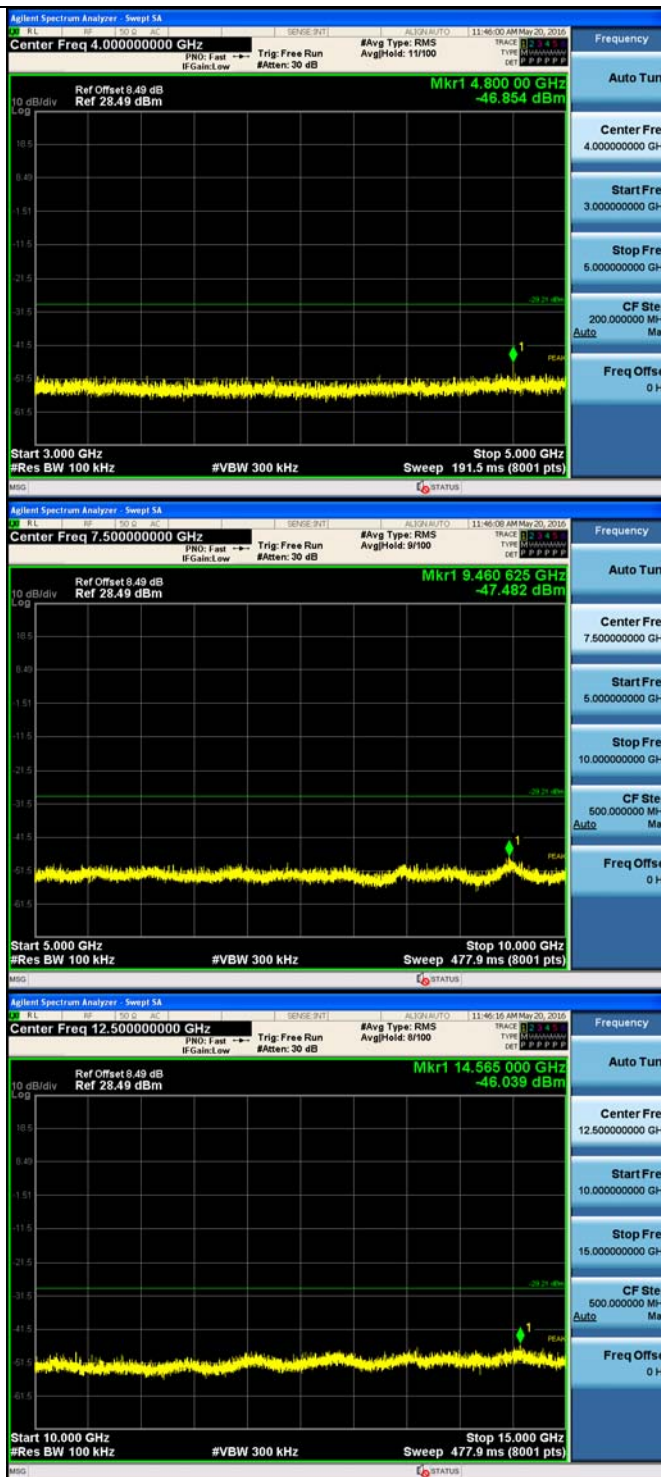
11N40SISO MCH Graphs

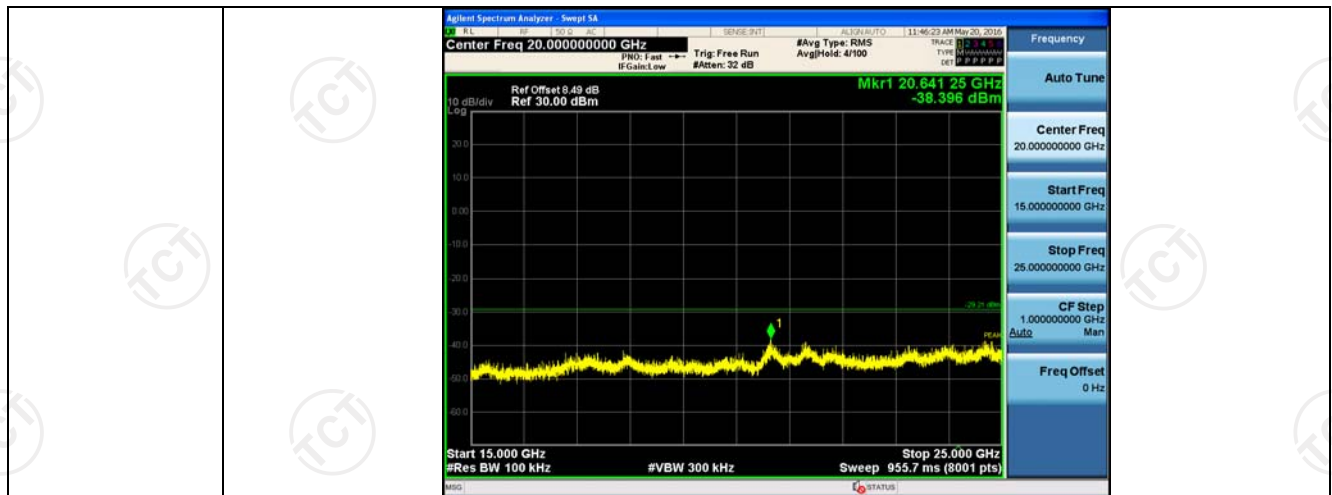
Pref/11N40SIS
O/MCH



Puw/11N40SIS
O/MCH

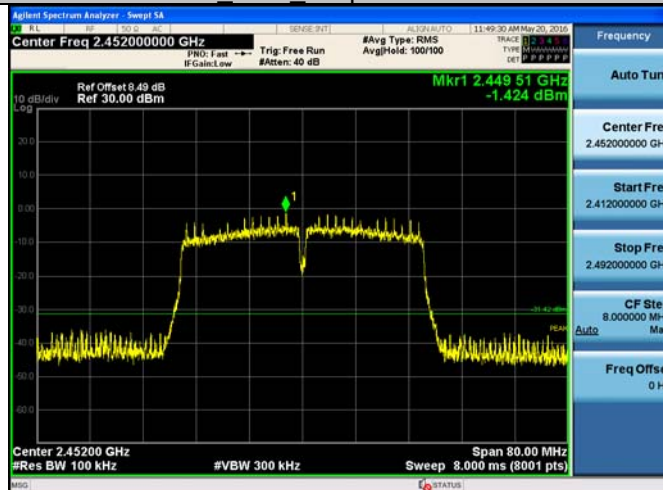




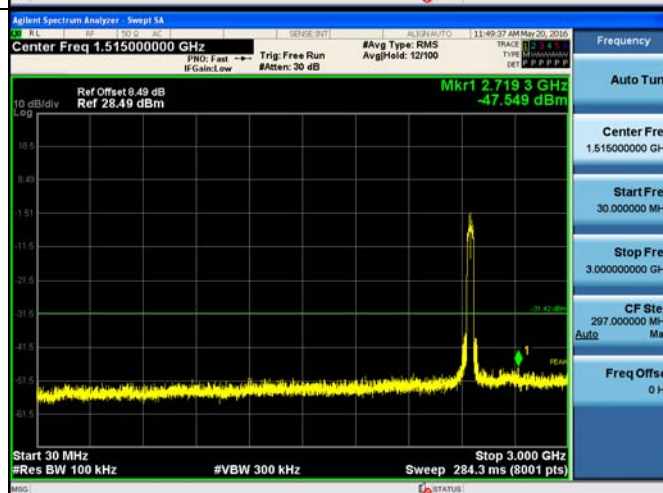


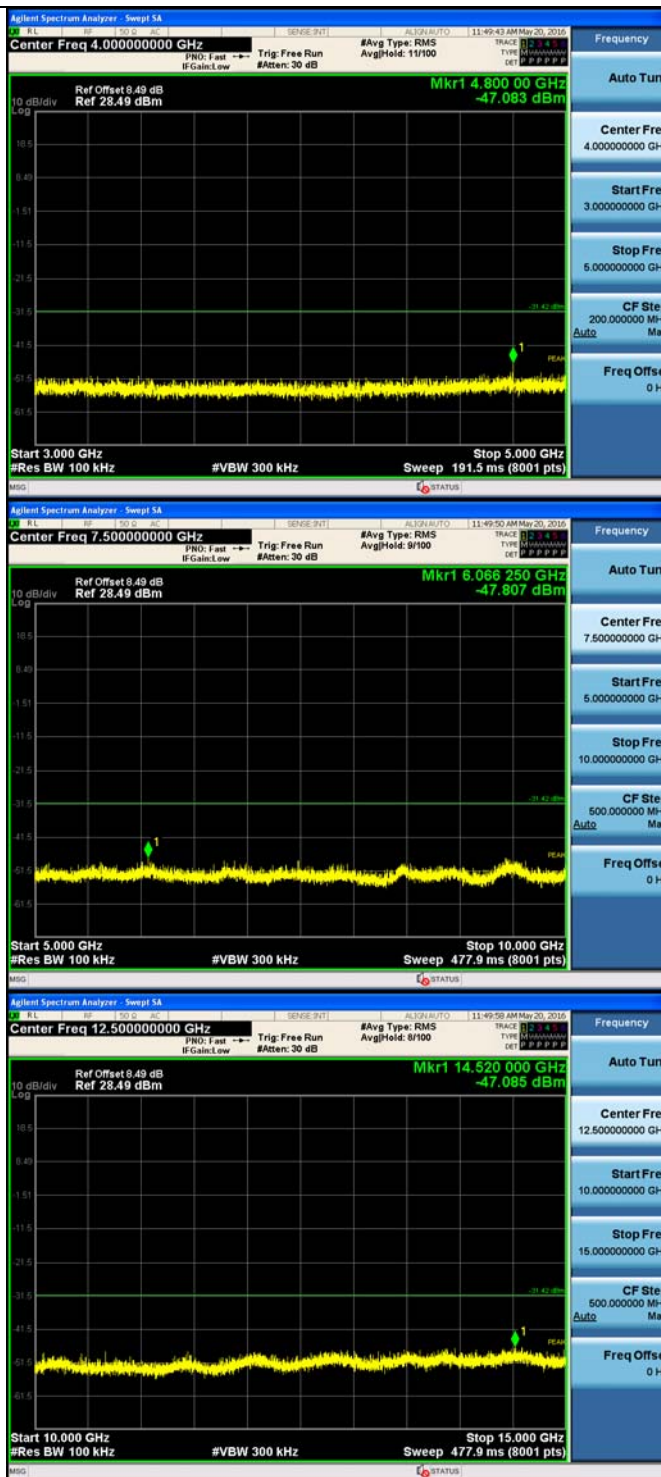
11N40SISO HCH Graphs

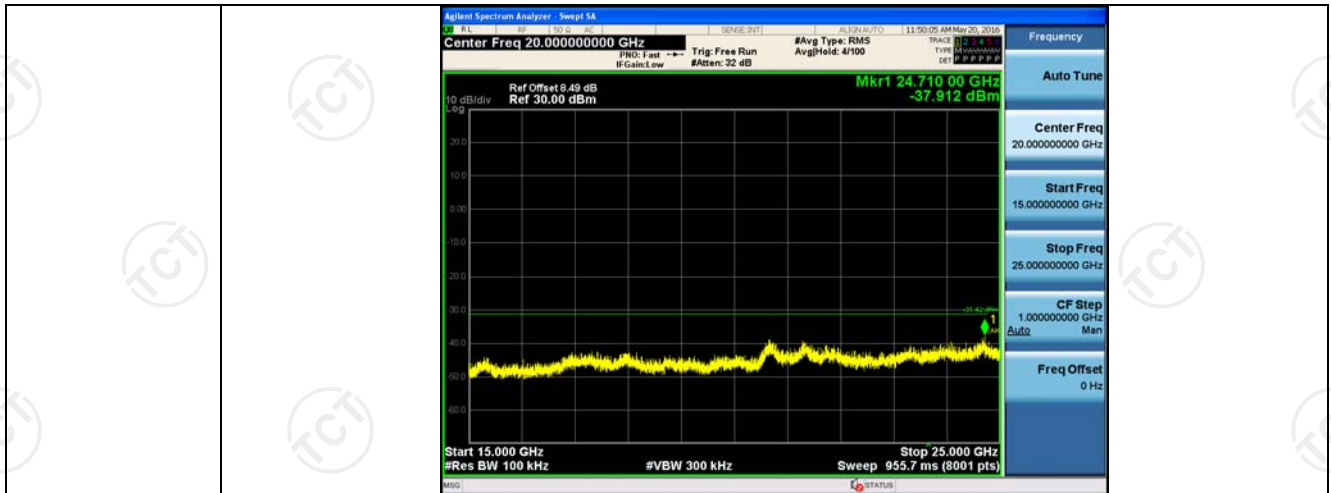
Pref/11N40SIS
O/HCH



Puw/11N40SIS
O/HCH







Power Spectral Density

Result Table

Mode	Channel	Meas.Level [dBm]	Av.PSD [dBm]	Verdict
11B	LCH	-6.410	-6.392	PASS
11B	MCH	-8.783	-8.766	PASS
11B	HCH	-5.538	-5.520	PASS
11G	LCH	-13.358	-13.233	PASS
11G	MCH	-14.302	-14.177	PASS
11G	HCH	-14.263	-14.138	PASS
11N20SISO	LCH	-13.188	-13.054	PASS
11N20SISO	MCH	-13.764	-13.630	PASS
11N20SISO	HCH	-14.517	-14.383	PASS
11N40SISO	LCH	-21.946	-21.681	PASS
11N40SISO	MCH	-19.816	-19.551	PASS
11N40SISO	HCH	-21.862	-21.613	PASS

Test Graph

Graphs

11B/LCH



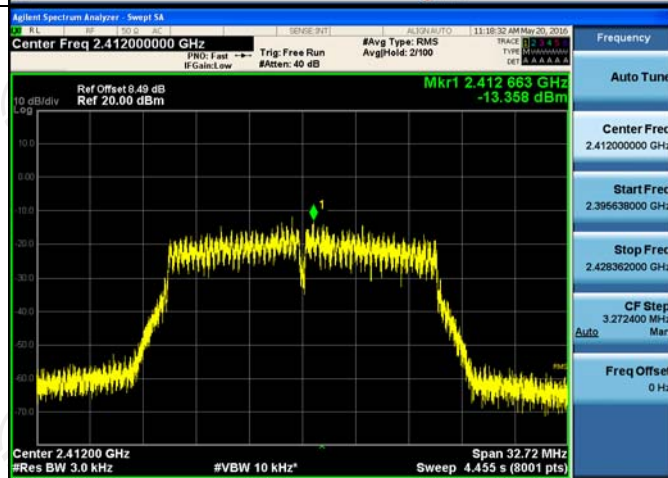
11B/MCH



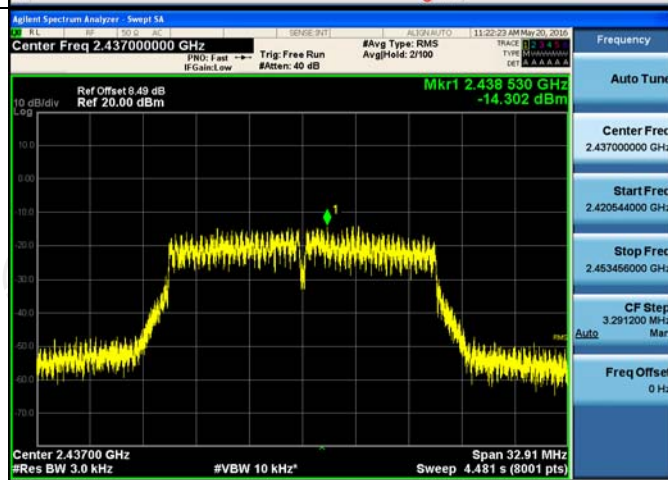
11B/HCH



11G/LCH



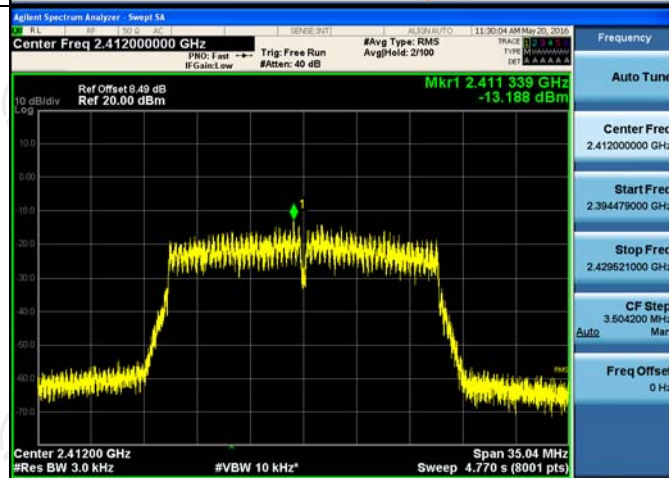
11G/MCH



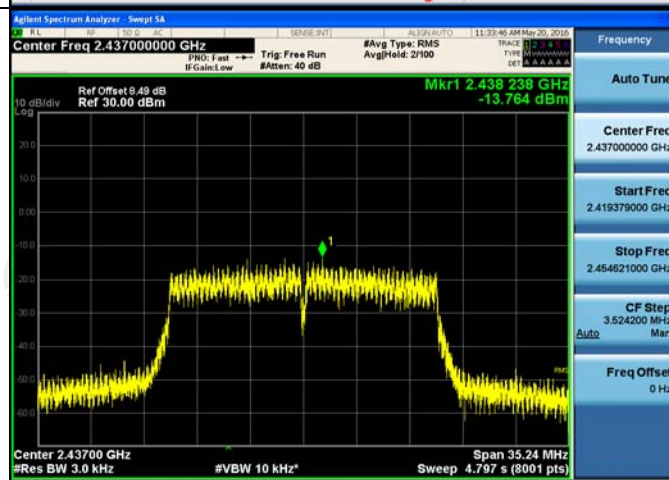
11G/HCH

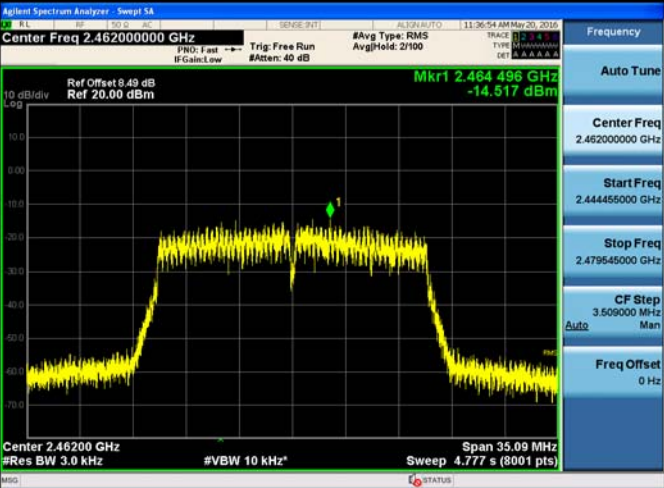
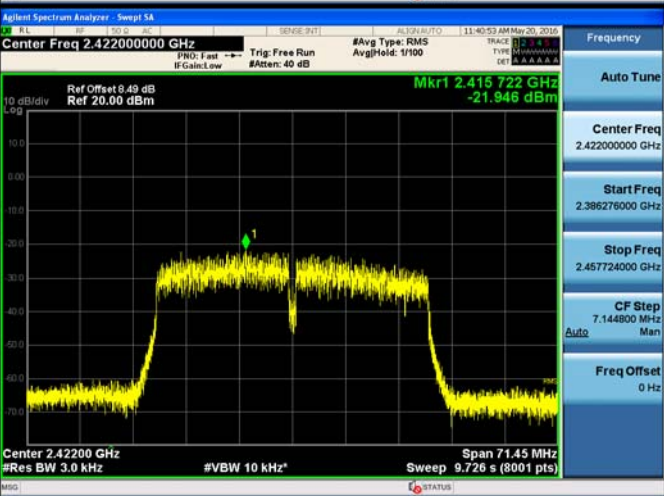
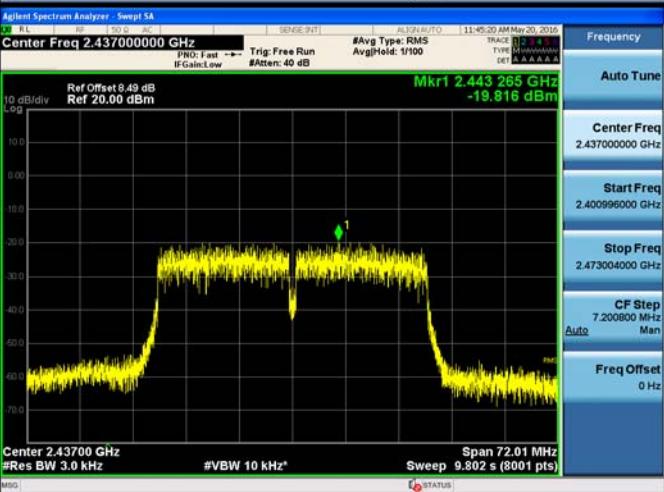


11N20SISO/LCH

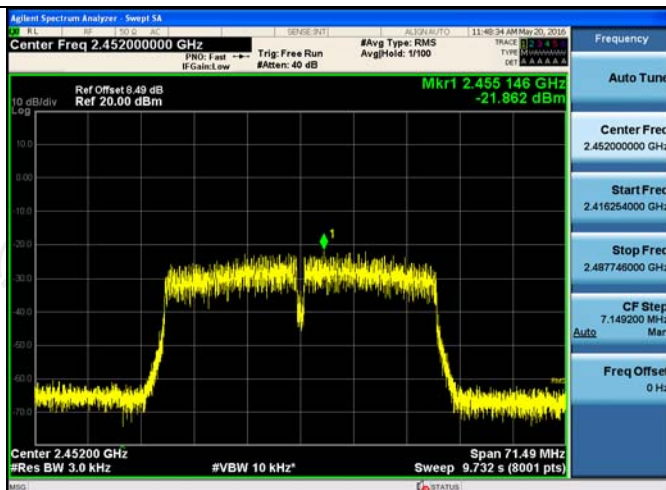


11N20SISO/MCH



11N20SISO/HCH	 Agilent Spectrum Analyzer - Sweep SA Center Freq 2.462000000 GHz Ref Offset 8.49 dB Ref 20.00 dBm Mkr1 2.464496 GHz -14.517 dBm Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz* Sweep 4.777 s (8001 pts) Frequency Auto Tune Center Freq 2.462000000 GHz Start Freq 2.444550000 GHz Stop Freq 2.479545000 GHz CF Step 3.509000 MHz Auto Freq Offset 0 Hz
11N40SISO/LCH	 Agilent Spectrum Analyzer - Sweep SA Center Freq 2.422000000 GHz Ref Offset 8.49 dB Ref 20.00 dBm Mkr1 2.415722 GHz -21.946 dBm Center 2.42200 GHz #Res BW 3.0 kHz #VBW 10 kHz* Sweep 9.726 s (8001 pts) Frequency Auto Tune Center Freq 2.422000000 GHz Start Freq 2.386276000 GHz Stop Freq 2.457724000 GHz CF Step 7.148000 MHz Auto Freq Offset 0 Hz
11N40SISO/MCH	 Agilent Spectrum Analyzer - Sweep SA Center Freq 2.437000000 GHz Ref Offset 8.49 dB Ref 20.00 dBm Mkr1 2.443265 GHz -19.816 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz* Sweep 9.802 s (8001 pts) Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.400996000 GHz Stop Freq 2.473004000 GHz CF Step 7.200800 MHz Auto Freq Offset 0 Hz

11N40SISO/HCH



Appendix B: Photographs of Test Setup

Refer to test report TCT160519E019

Appendix C: Photographs of EUT

Refer to test report TCT160519E019