

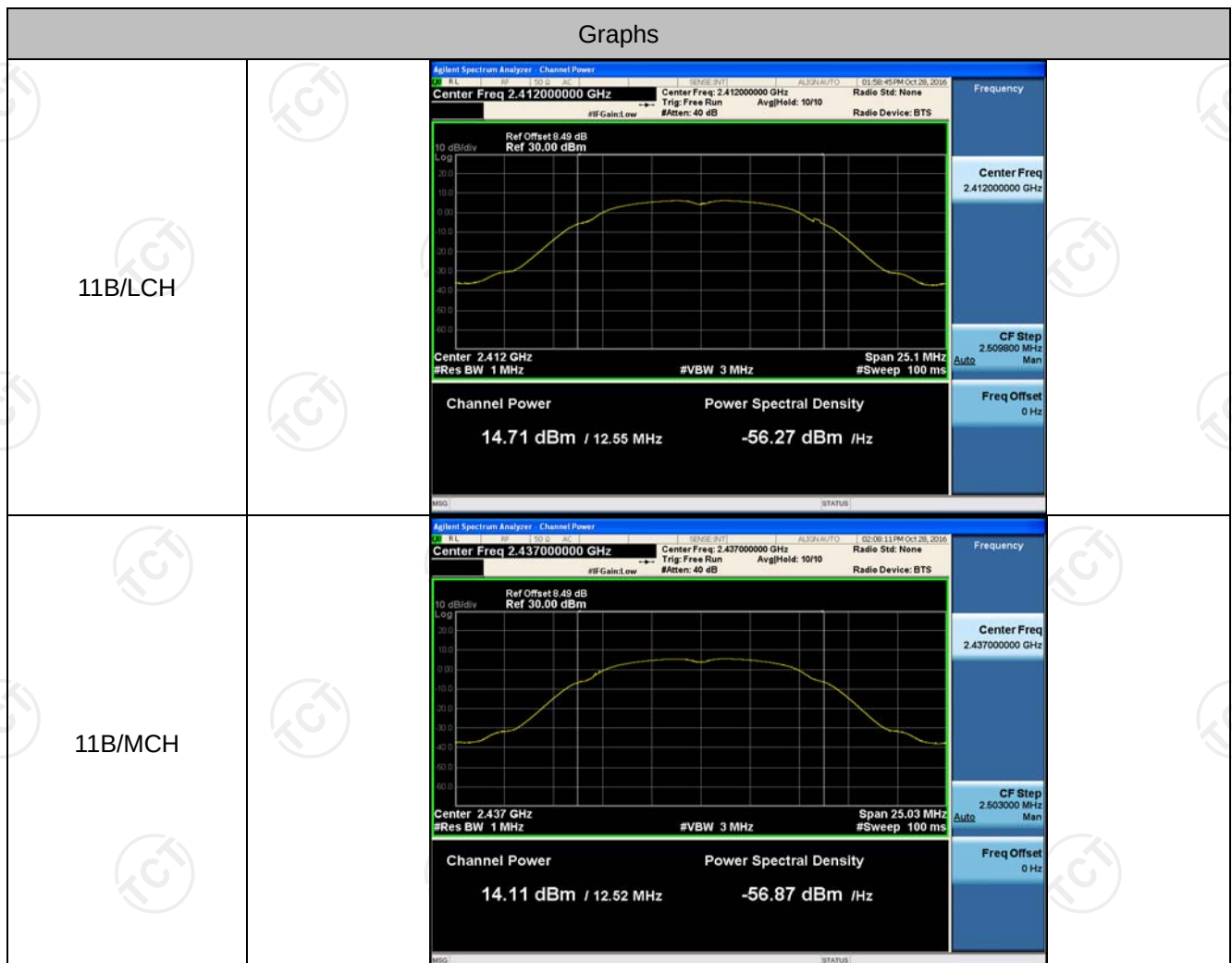
Appendix A: Test result of conducted Test

Conducted Average Output Power

Result Table

Mode	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11B	LCH	14.71	14.71	PASS
11B	MCH	14.11	14.11	PASS
11B	HCH	14.59	14.59	PASS
11G	LCH	12.44	12.44	PASS
11G	MCH	14.3	14.3	PASS
11G	HCH	14.2	14.2	PASS
11N20SISO	LCH	12.56	12.56	PASS
11N20SISO	MCH	12.2	12.2	PASS
11N20SISO	HCH	12.05	12.05	PASS

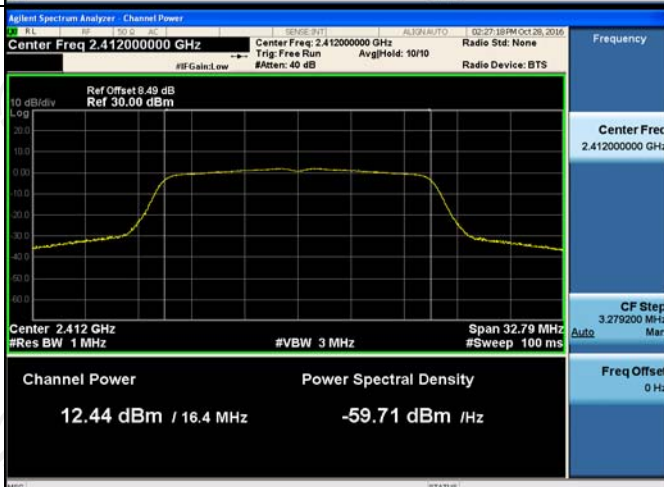
Test Graph



11B/HCH



11G/LCH



11G/MCH



11G/HCH	 Agilent Spectrum Analyzer - Channel Power Center Freq 2.462000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm Channel Power: 14.20 dBm / 16.42 MHz Power Spectral Density: -57.96 dBm / Hz Center 2.462 GHz #Res BW 1 MHz #VBW 3 MHz Span 32.84 MHz #Sweep 100 ms Frequency: Center Freq 2.462000000 GHz CF Step 3.284400 MHz Freq Offset 0 Hz
11N20SISO/LCH	 Agilent Spectrum Analyzer - Channel Power Center Freq 2.412000000 GHz Ref Offset 8.49 dB Ref 30.00 dBm Channel Power: 12.56 dBm / 17.56 MHz Power Spectral Density: -59.89 dBm / Hz Center 2.412 GHz #Res BW 1 MHz #VBW 3 MHz Span 35.12 MHz #Sweep 100 ms Frequency: Center Freq 2.412000000 GHz CF Step 3.511600 MHz Freq Offset 0 Hz
11N20SISO/MCH	 Agilent Spectrum Analyzer - Channel Power Center Freq 2.437000000 GHz Ref Offset 8.49 dB Ref 20.00 dBm Channel Power: 12.20 dBm / 17.56 MHz Power Spectral Density: -60.25 dBm / Hz Center 2.437 GHz #Res BW 1 MHz #VBW 3 MHz Span 35.12 MHz #Sweep 100 ms Frequency: Center Freq 2.437000000 GHz CF Step 3.512200 MHz Freq Offset 0 Hz

11N20SISO/HCH

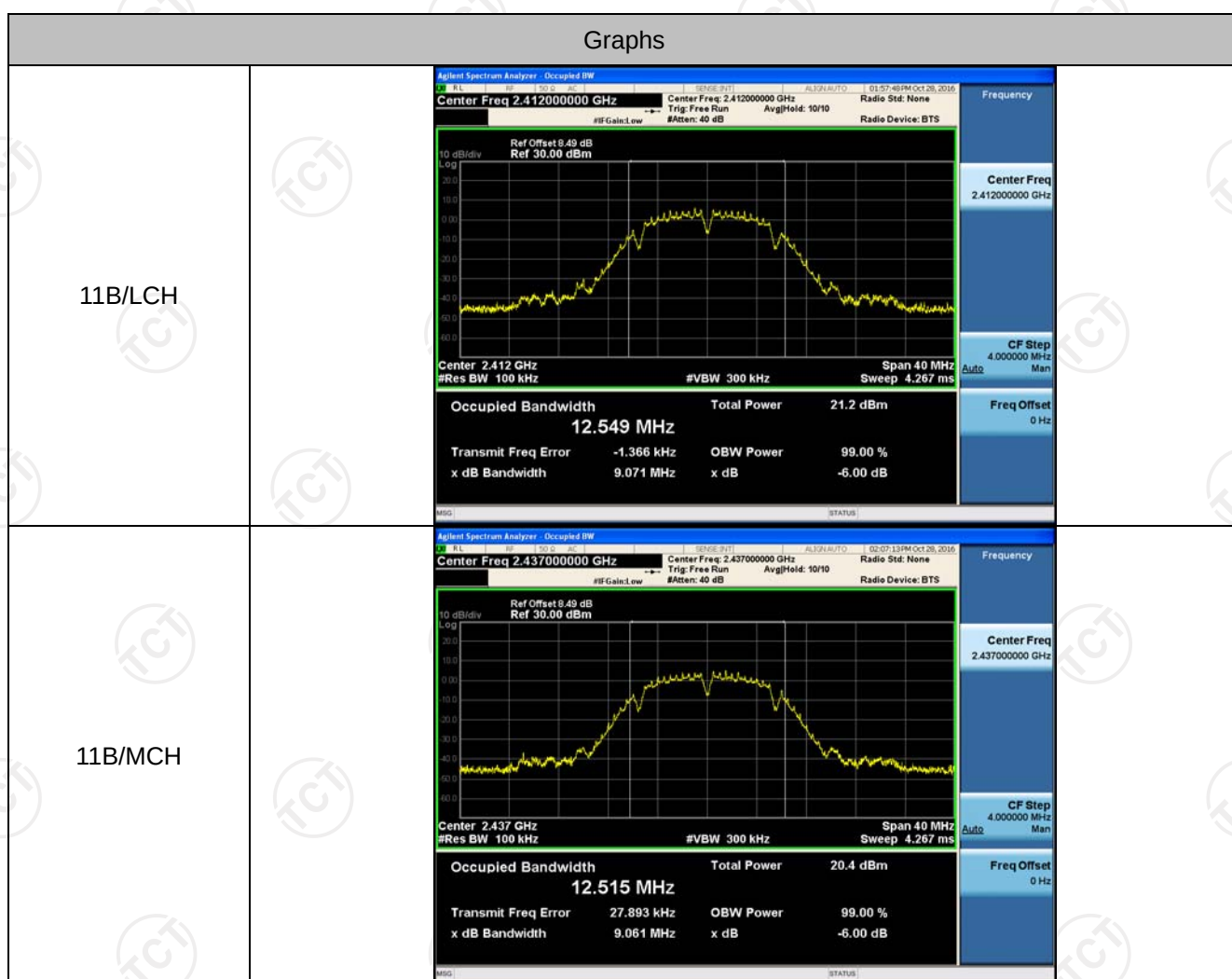


6dB Occupied Bandwidth

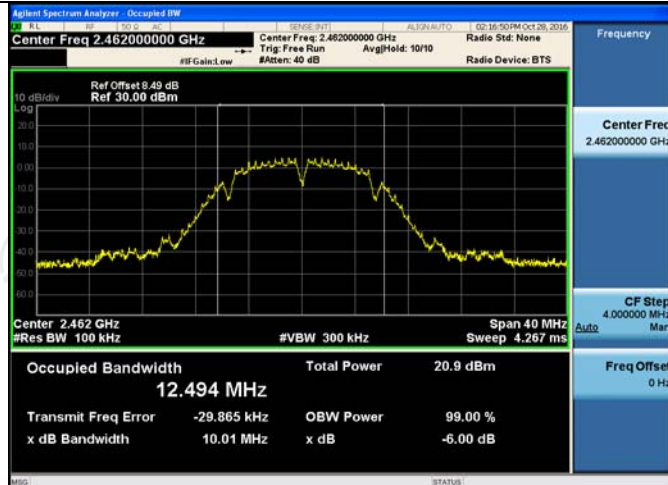
Result Table

Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	9.071	12.549	PASS
11B	MCH	9.061	12.515	PASS
11B	HCH	10.01	12.494	PASS
11G	LCH	15.34	16.396	PASS
11G	MCH	15.13	16.398	PASS
11G	HCH	15.86	16.422	PASS
11N20SISO	LCH	13.80	17.558	PASS
11N20SISO	MCH	15.13	17.561	PASS
11N20SISO	HCH	15.08	17.564	PASS

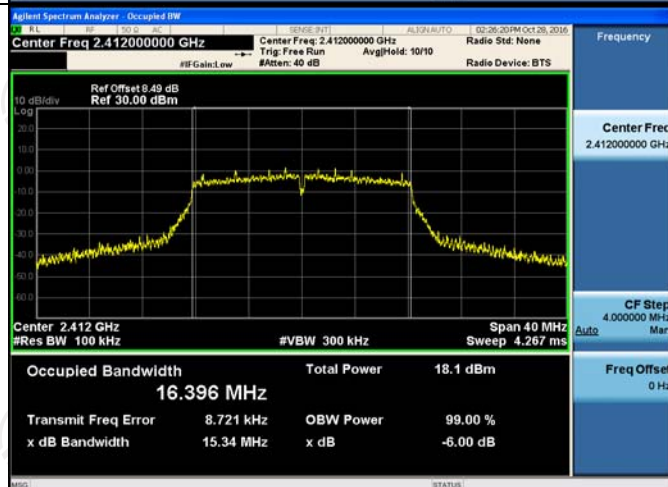
Test Graph



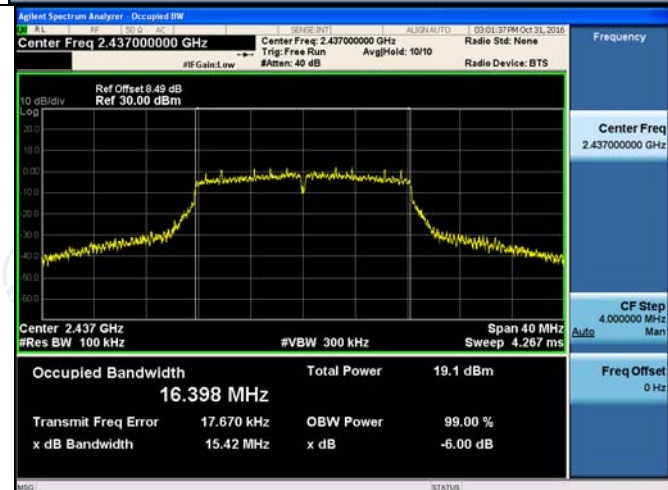
11B/HCH



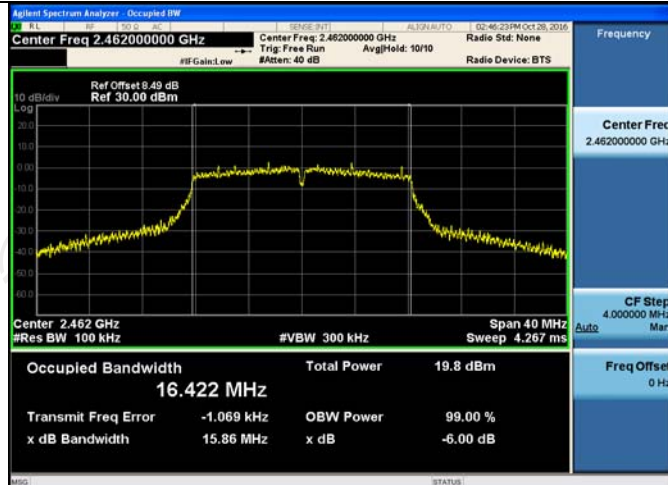
11G/LCH



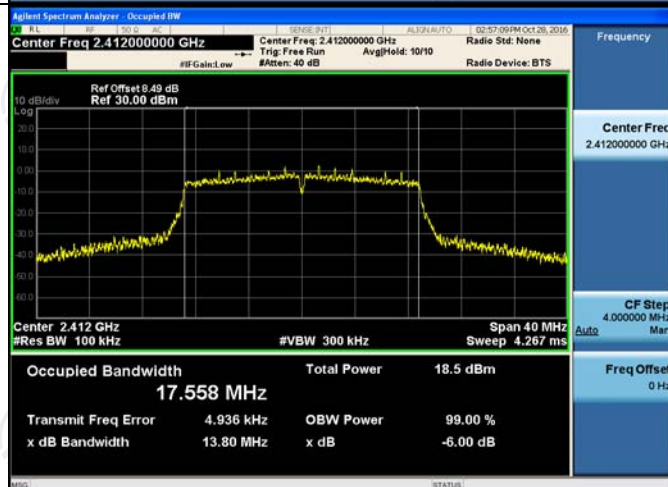
11G/MCH



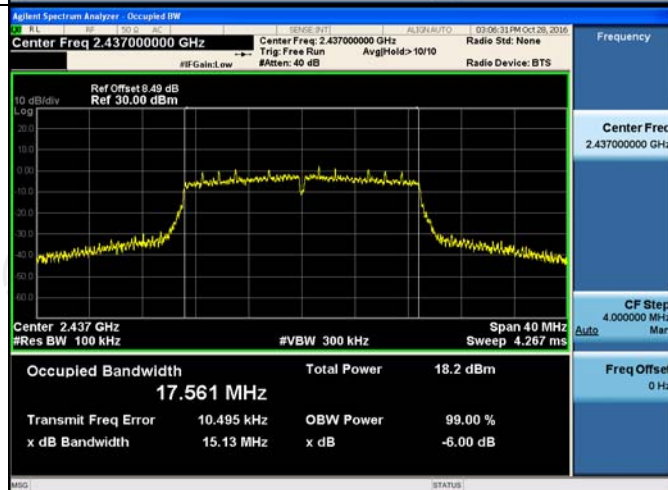
11G/HCH



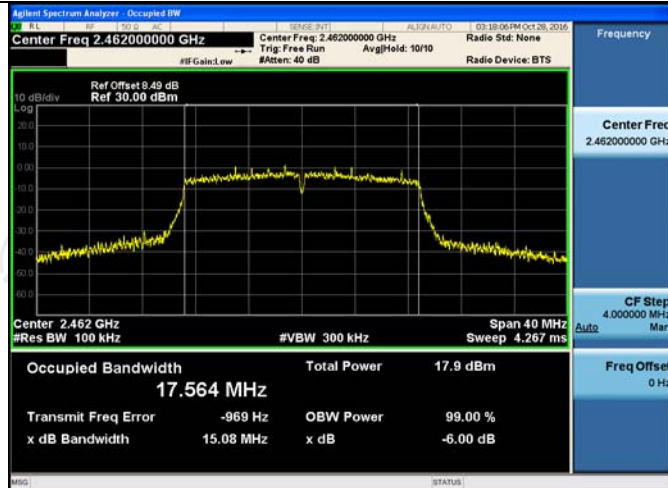
11N20SISO/LCH



11N20SISO/MCH



11N20SISO/HCH

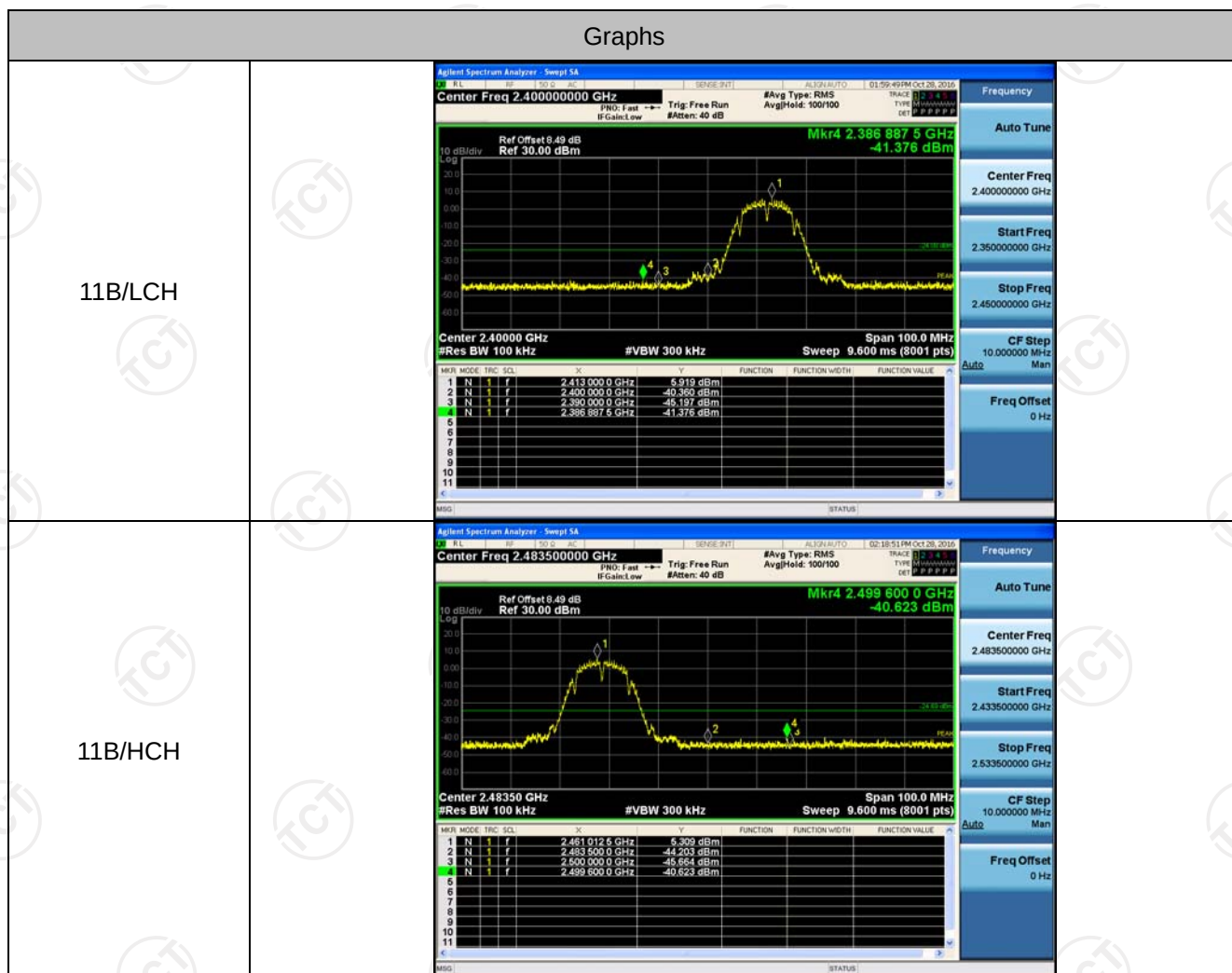


Band-edge for RF Conducted Emissions

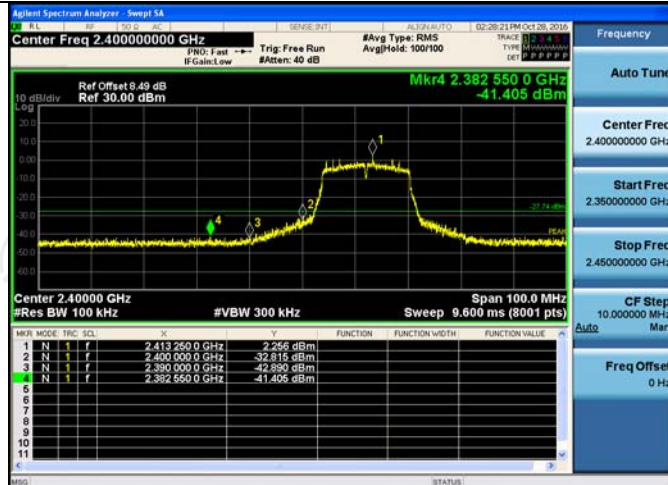
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	5.919	-41.376	-24.08	PASS
11B	HCH	5.309	-40.623	-24.69	PASS
11G	LCH	2.256	-41.405	-27.74	PASS
11G	HCH	3.169	-40.393	-26.83	PASS
11N20SISO	LCH	1.850	-41.235	-28.15	PASS
11N20SISO	HCH	1.812	-40.141	-28.19	PASS

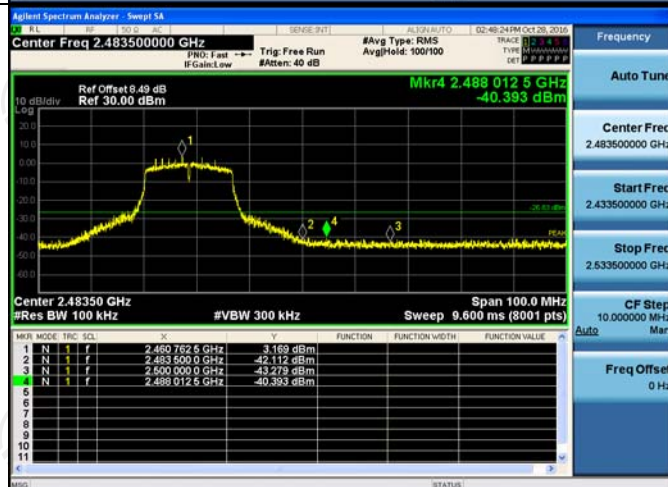
Test Graph



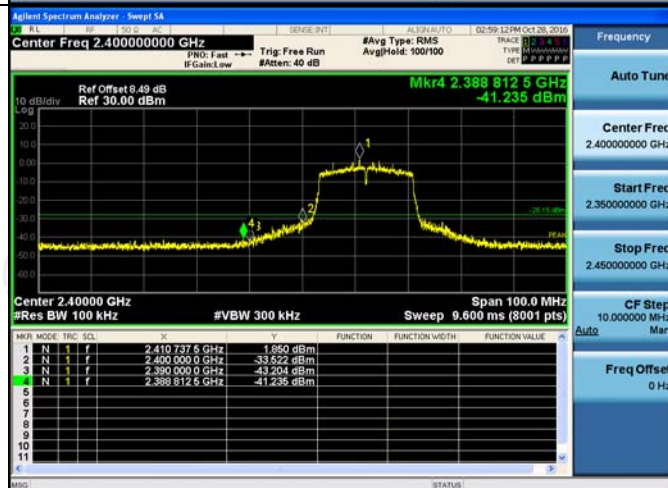
11G/LCH



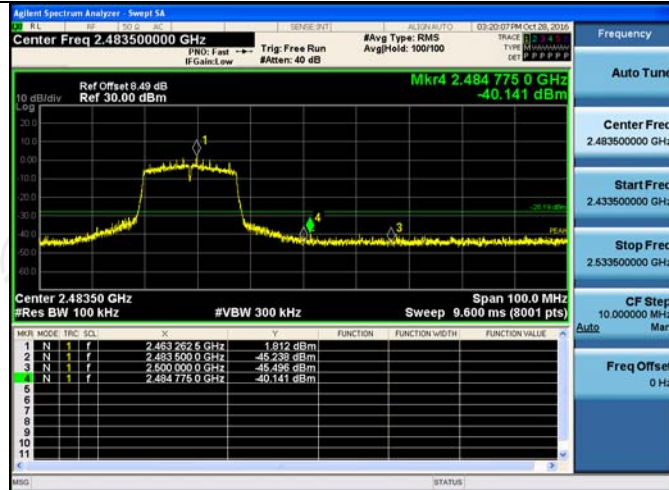
11G/HCH



11N20SISO/LCH



11N20SISO/HCH

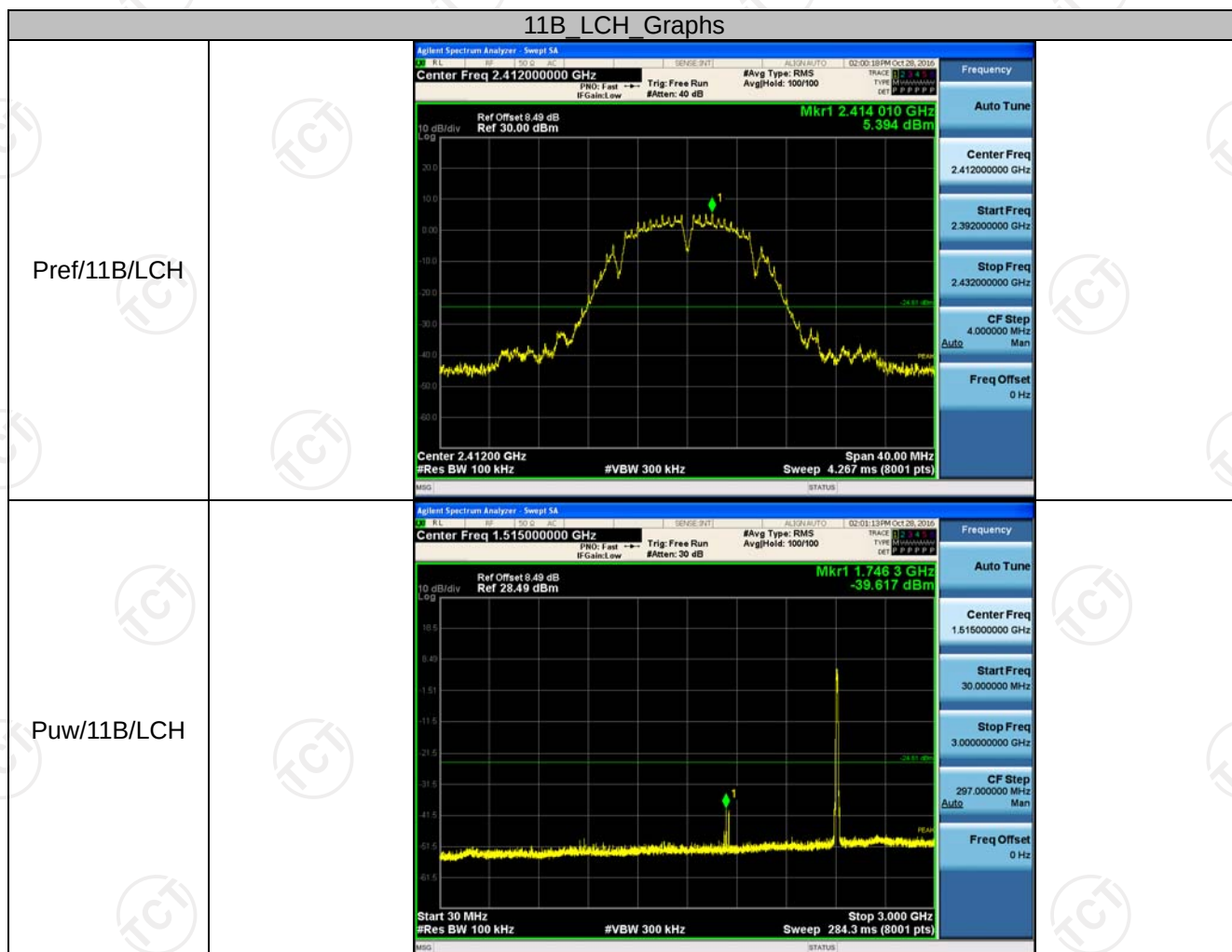


RF Conducted Spurious Emissions

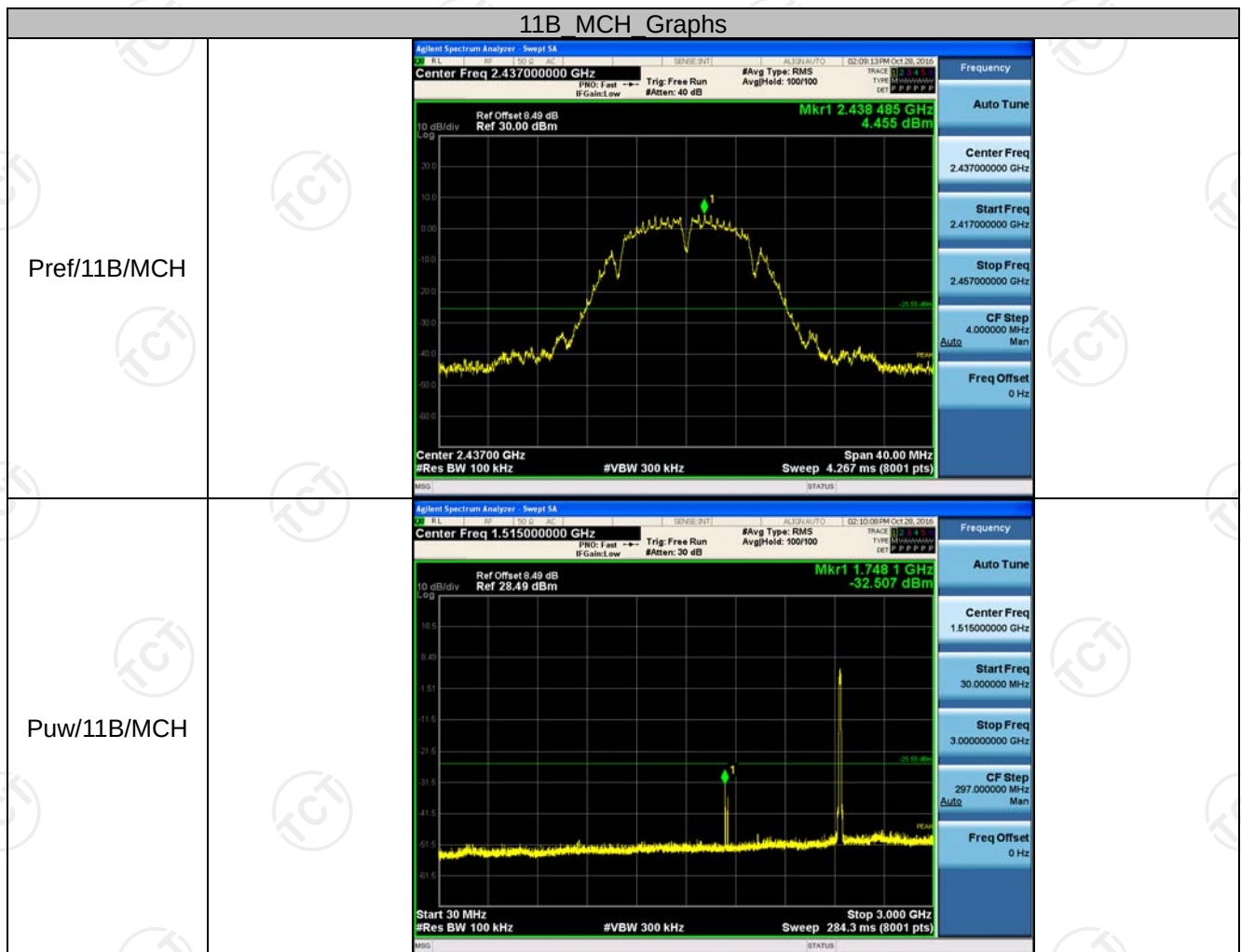
Result Table

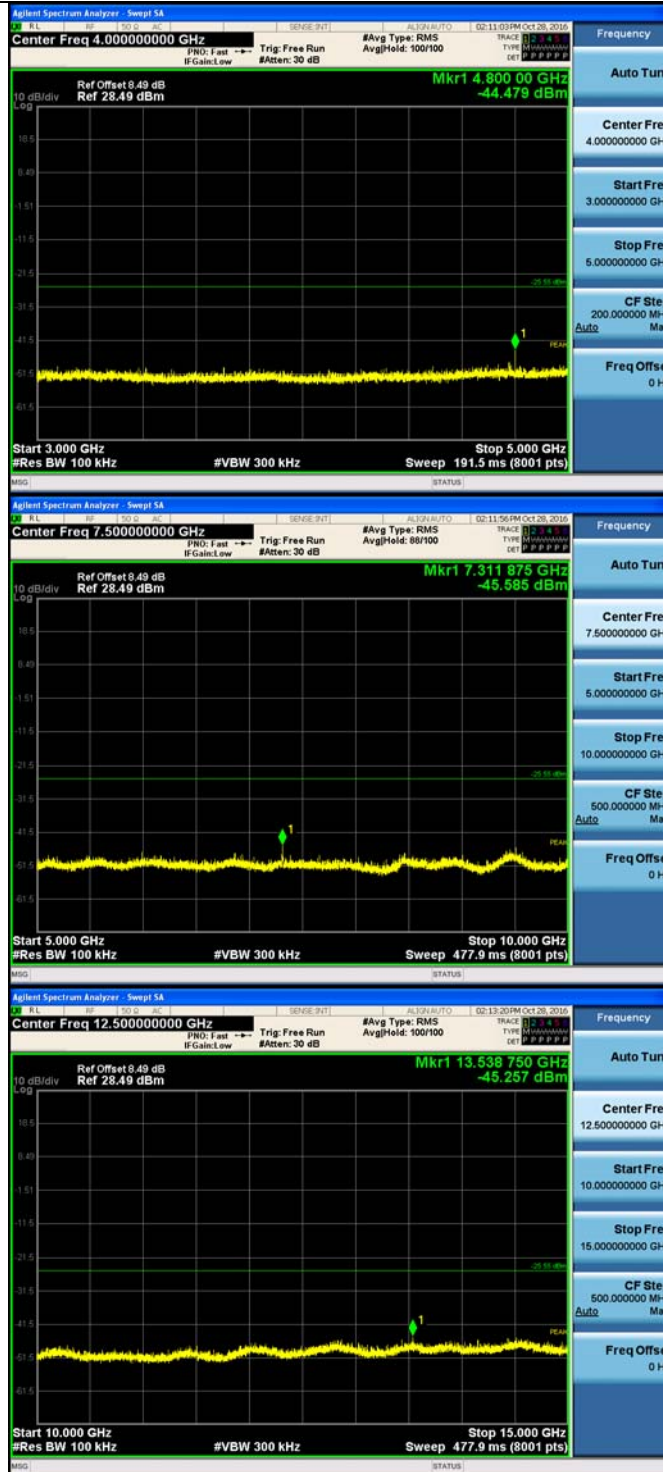
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	5.394	<Limit	PASS
11B	MCH	4.455	<Limit	PASS
11B	HCH	5.383	<Limit	PASS
11G	LCH	1.89	<Limit	PASS
11G	MCH	4.242	<Limit	PASS
11G	HCH	3.981	<Limit	PASS
11N20SISO	LCH	1.834	<Limit	PASS
11N20SISO	MCH	2.132	<Limit	PASS
11N20SISO	HCH	1.298	<Limit	PASS

Test Graph



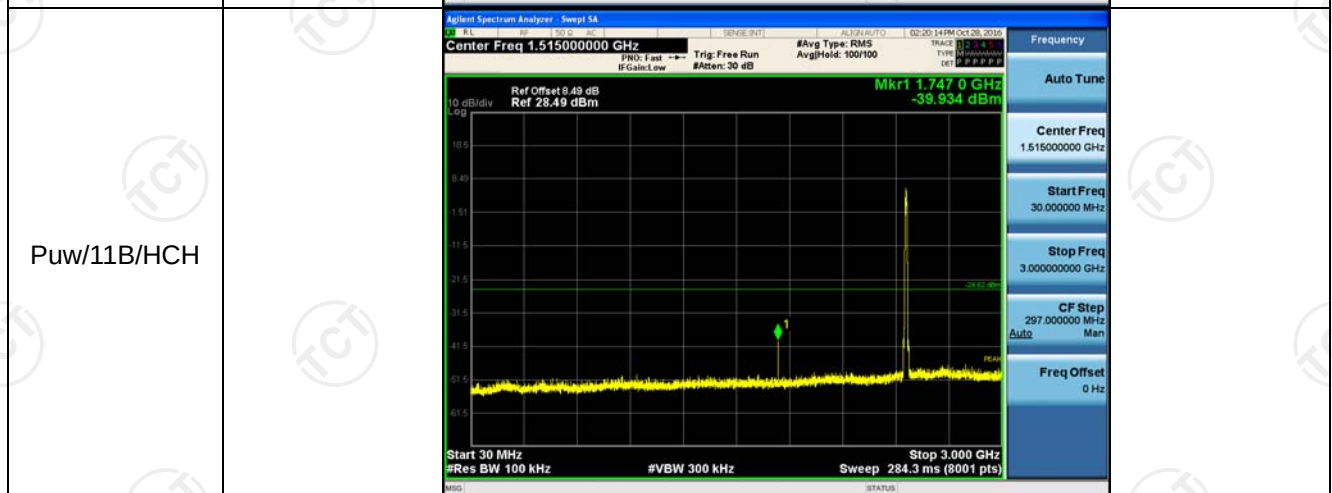




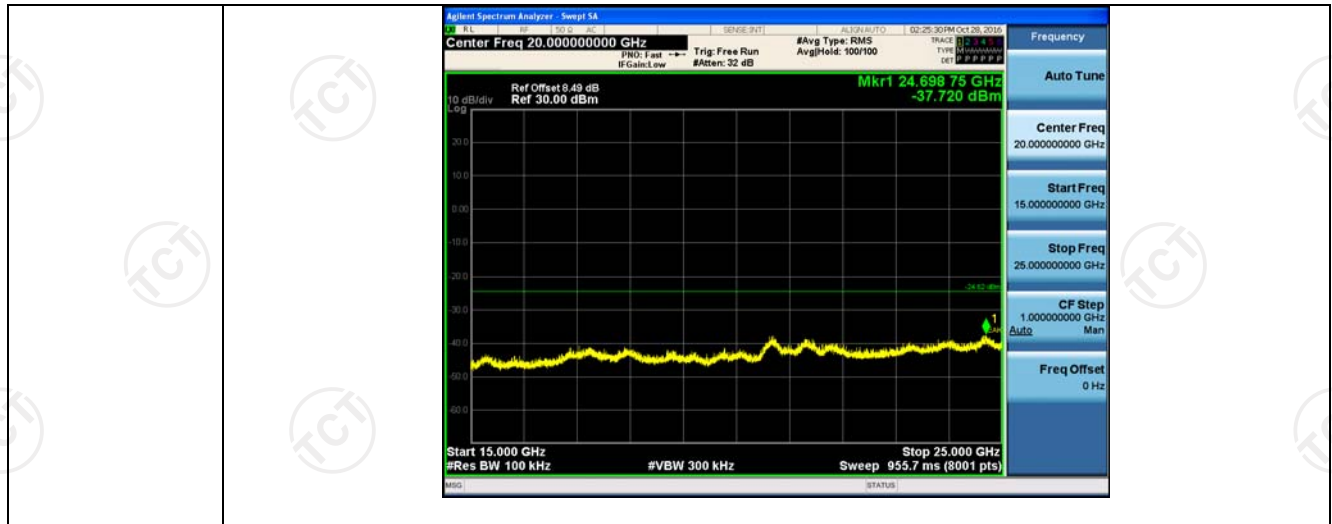




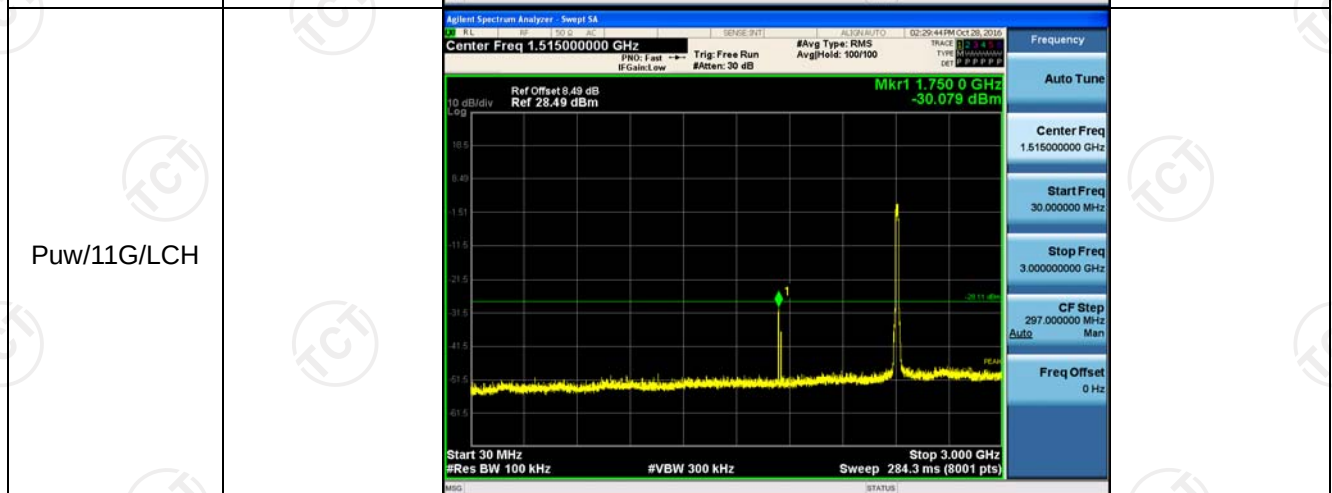
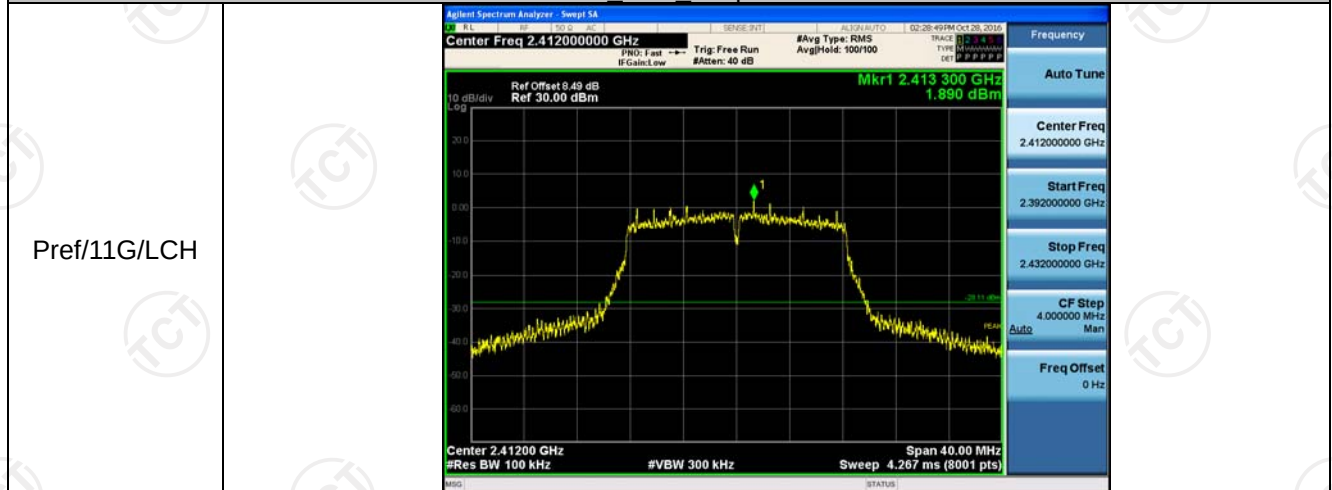
11B HCH Graphs







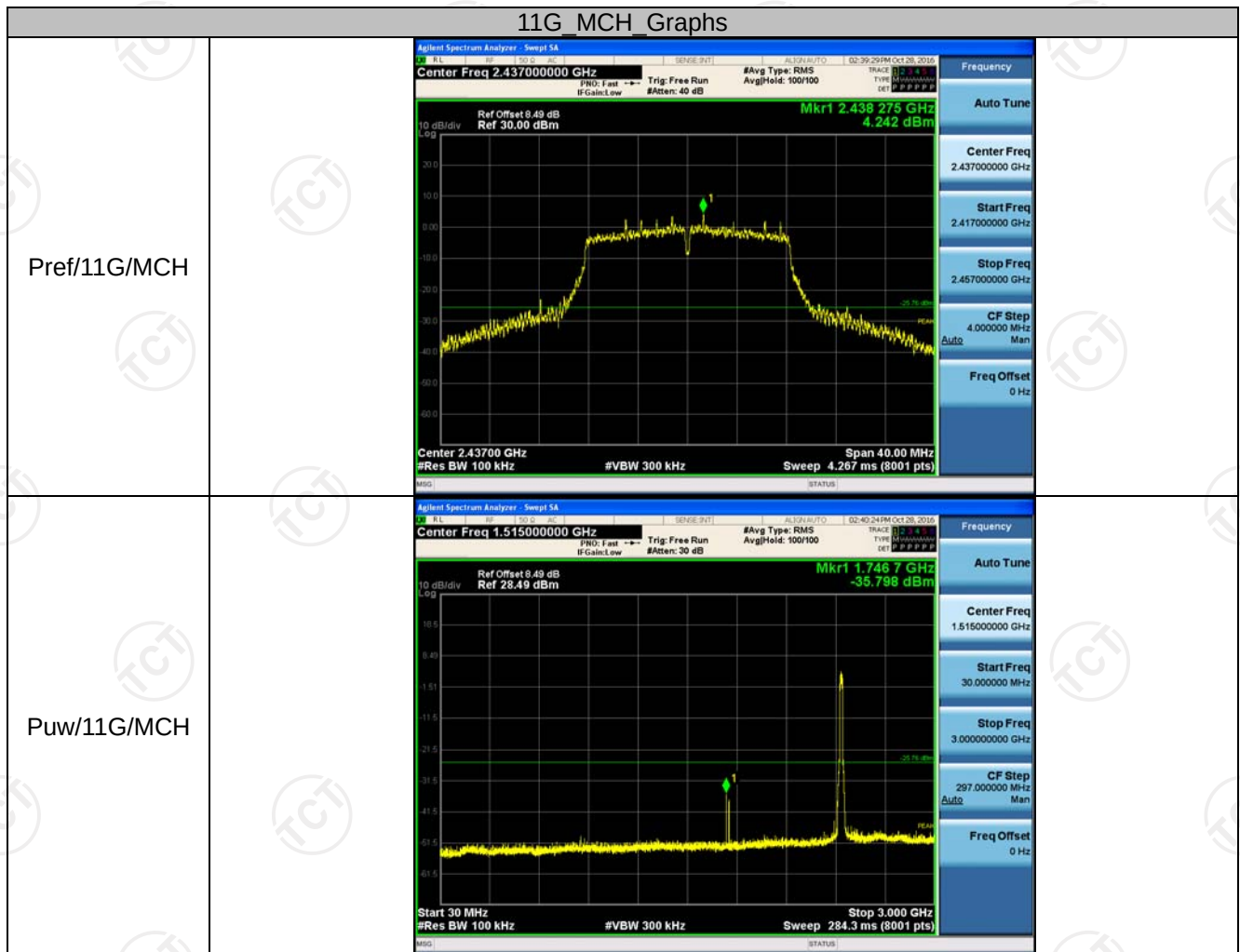
11G LCH Graphs



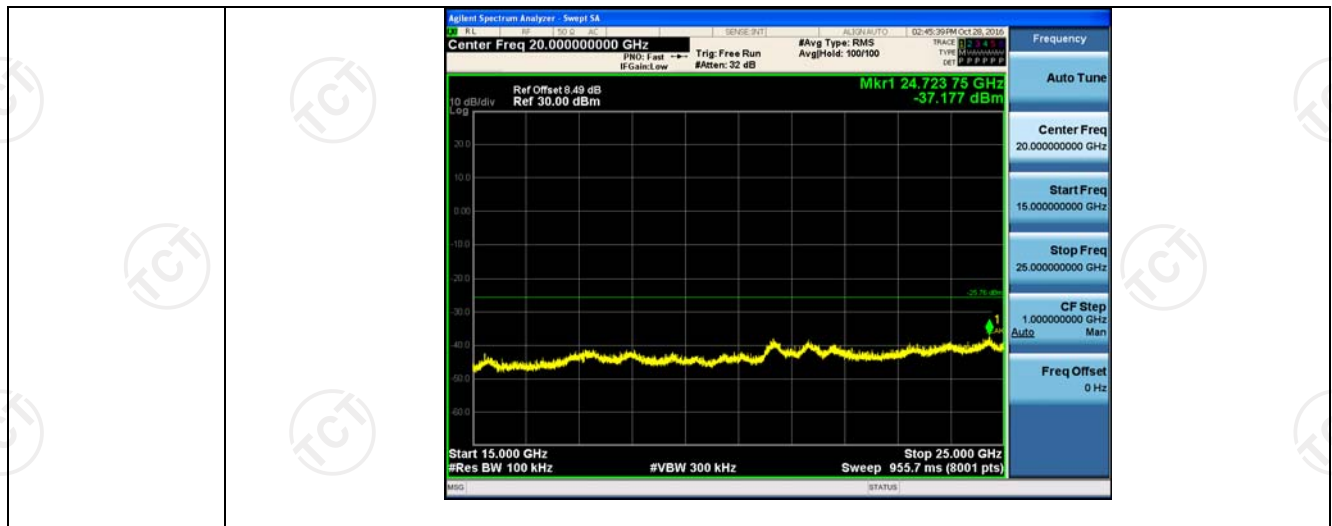




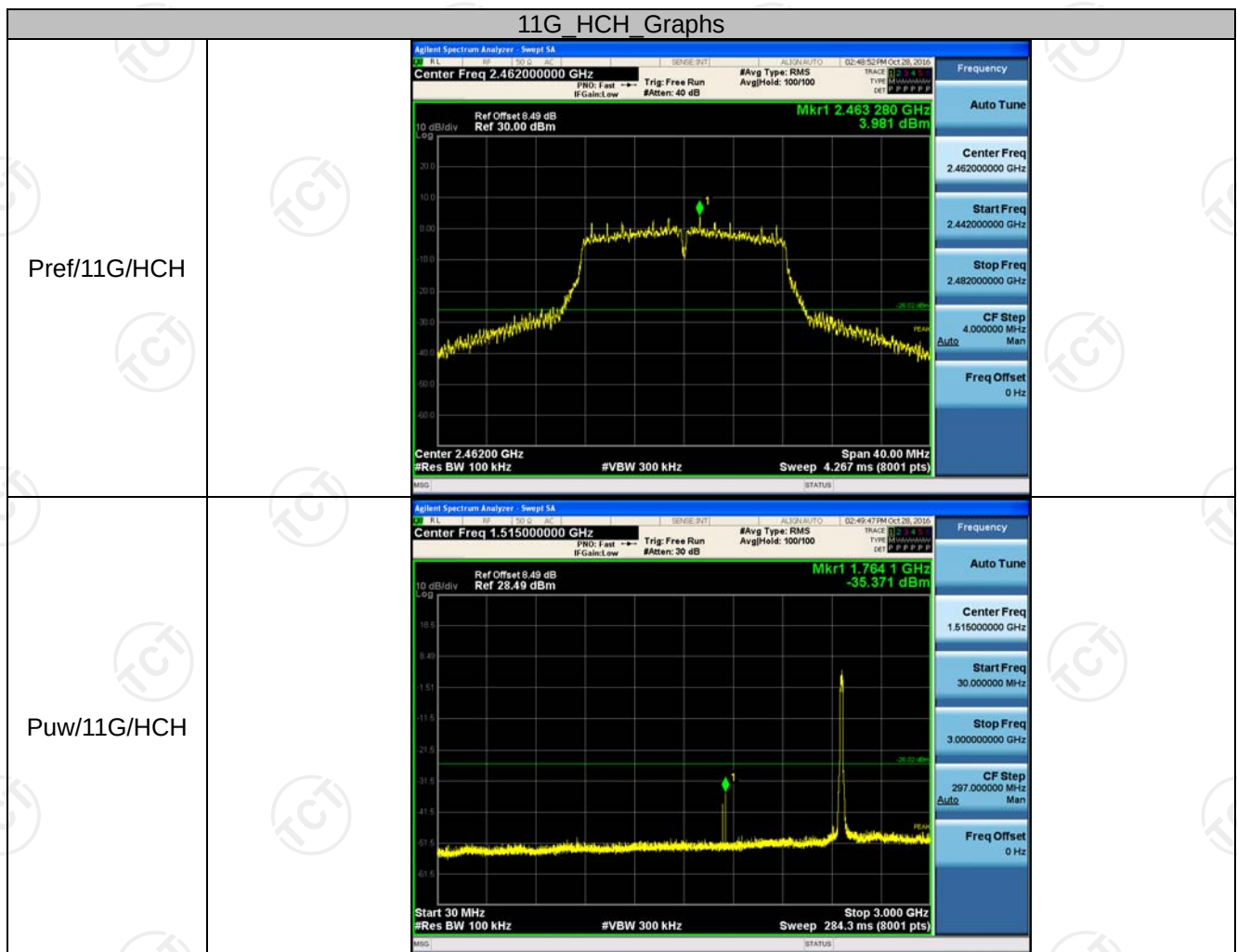
11G MCH Graphs







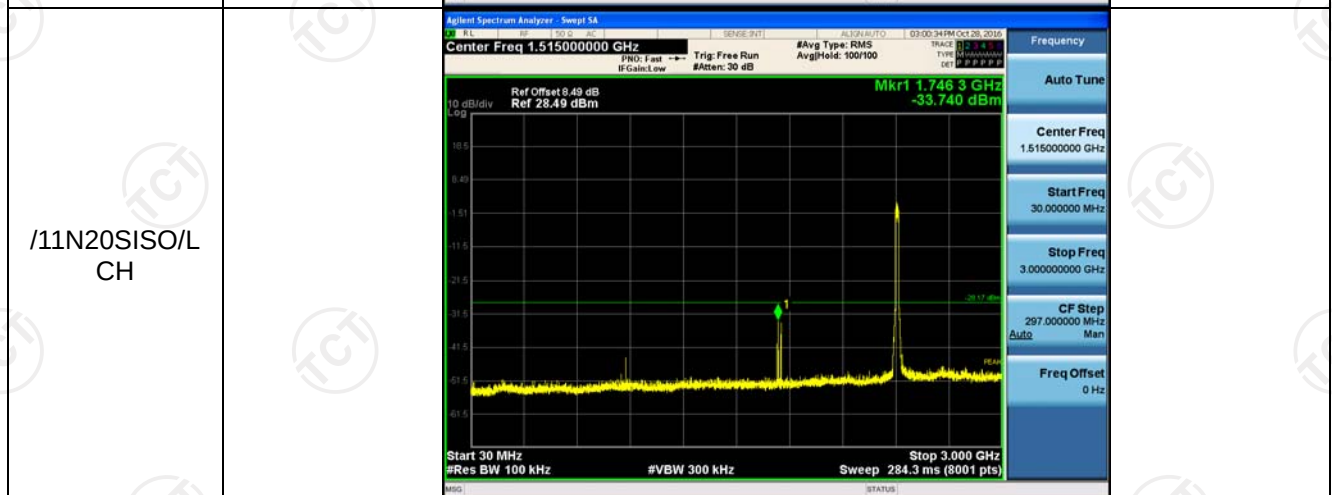
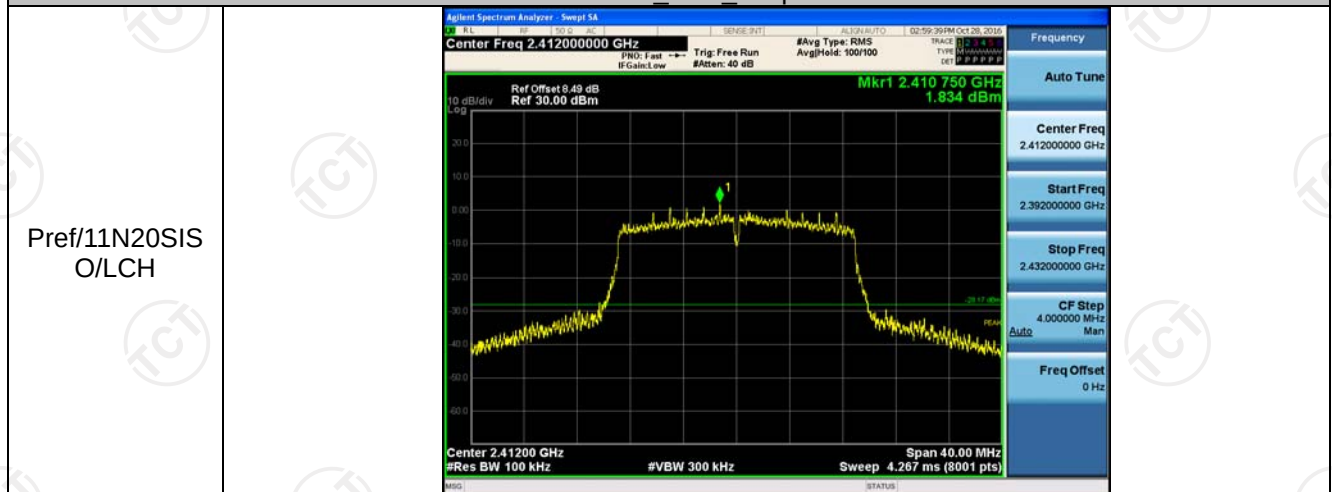
11G_HCH_Graphs







11N20SISO_LCH_Graphs

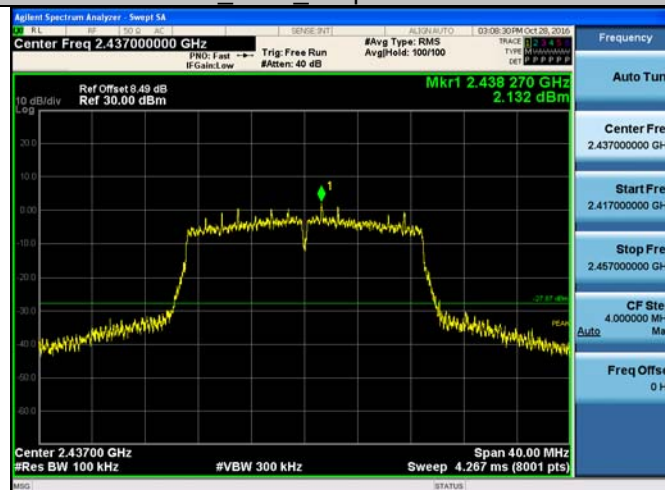




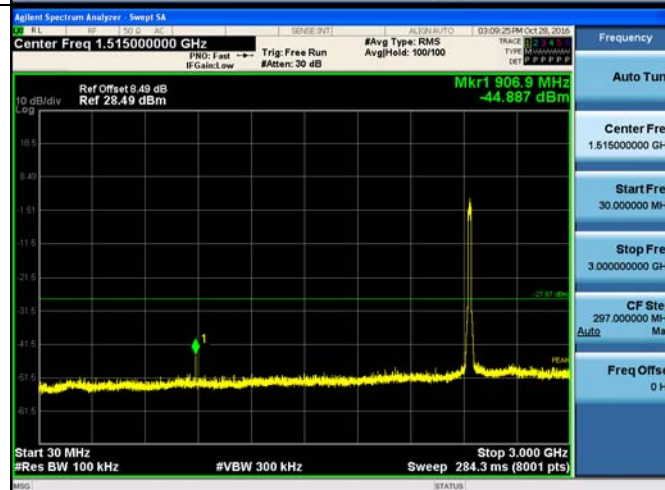


11N20SISO MCH_Graphs

Pref/11N20SIS
O/MCH



Puw/11N20SIS
O/MCH





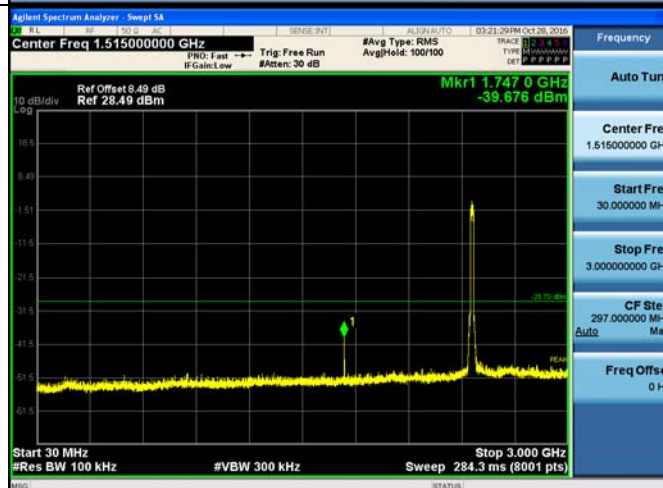


11N20SISO_HCH_Graphs

Pref/11N20SIS
O/HCH



Puw/11N20SIS
O/HCH





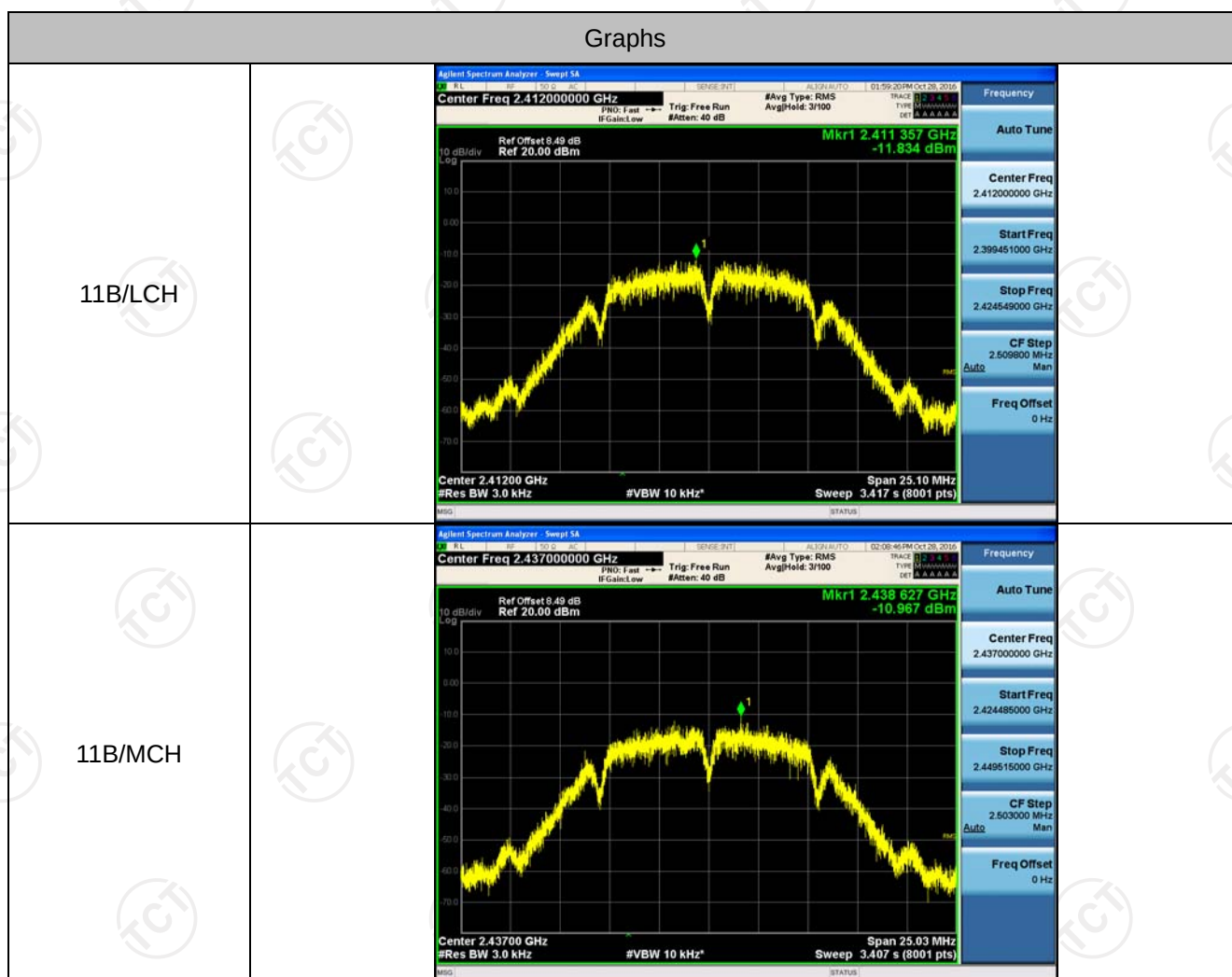


Power Spectral Density

Result Table

Mode	Channel	Meas.Level [dBm]	Av.PSD [dBm]	Verdict
11B	LCH	-11.834	-11.816	PASS
11B	MCH	-10.967	-10.949	PASS
11B	HCH	-10.623	-10.605	PASS
11G	LCH	-16.470	-16.345	PASS
11G	MCH	-13.915	-13.790	PASS
11G	HCH	-14.971	-14.846	PASS
11N20SISO	LCH	-16.046	-15.904	PASS
11N20SISO	MCH	-17.509	-17.375	PASS
11N20SISO	HCH	-17.474	-17.340	PASS

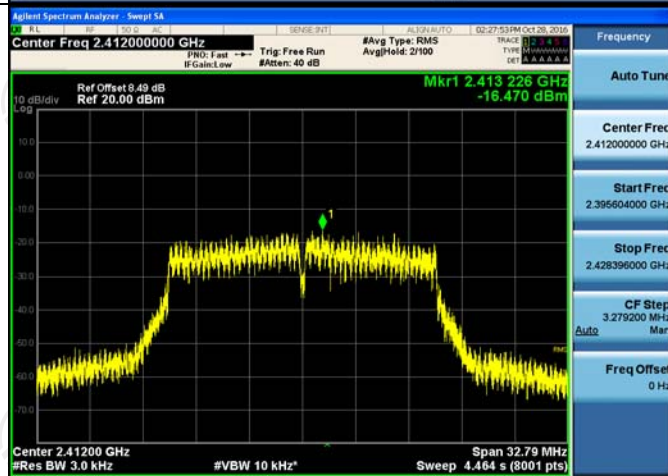
Test Graph



11B/HCH



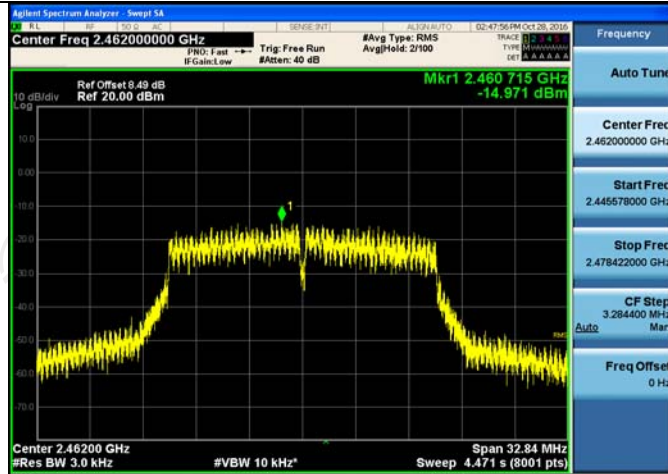
11G/LCH



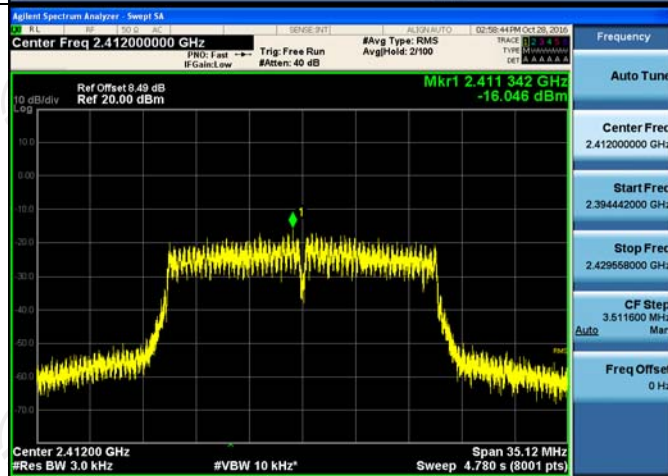
11G/MCH



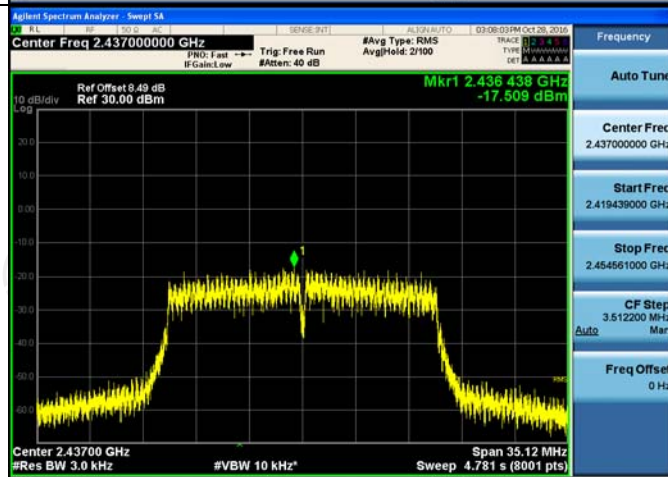
11G/HCH



11N20SISO/LCH



11N20SISO/MCH



11N20SISO/HCH

