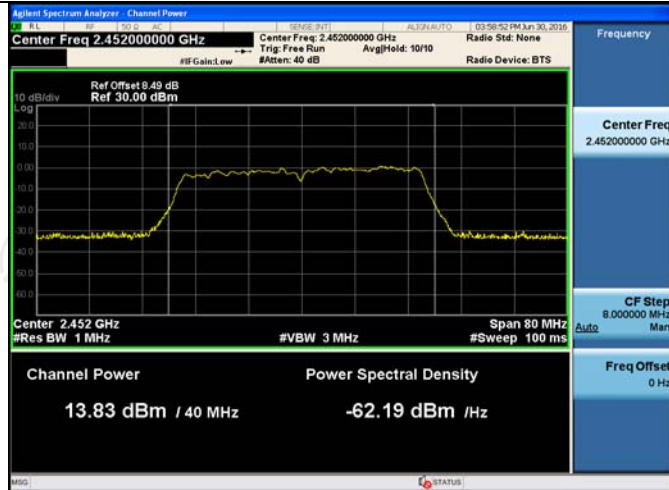


11N40SISO/HCH

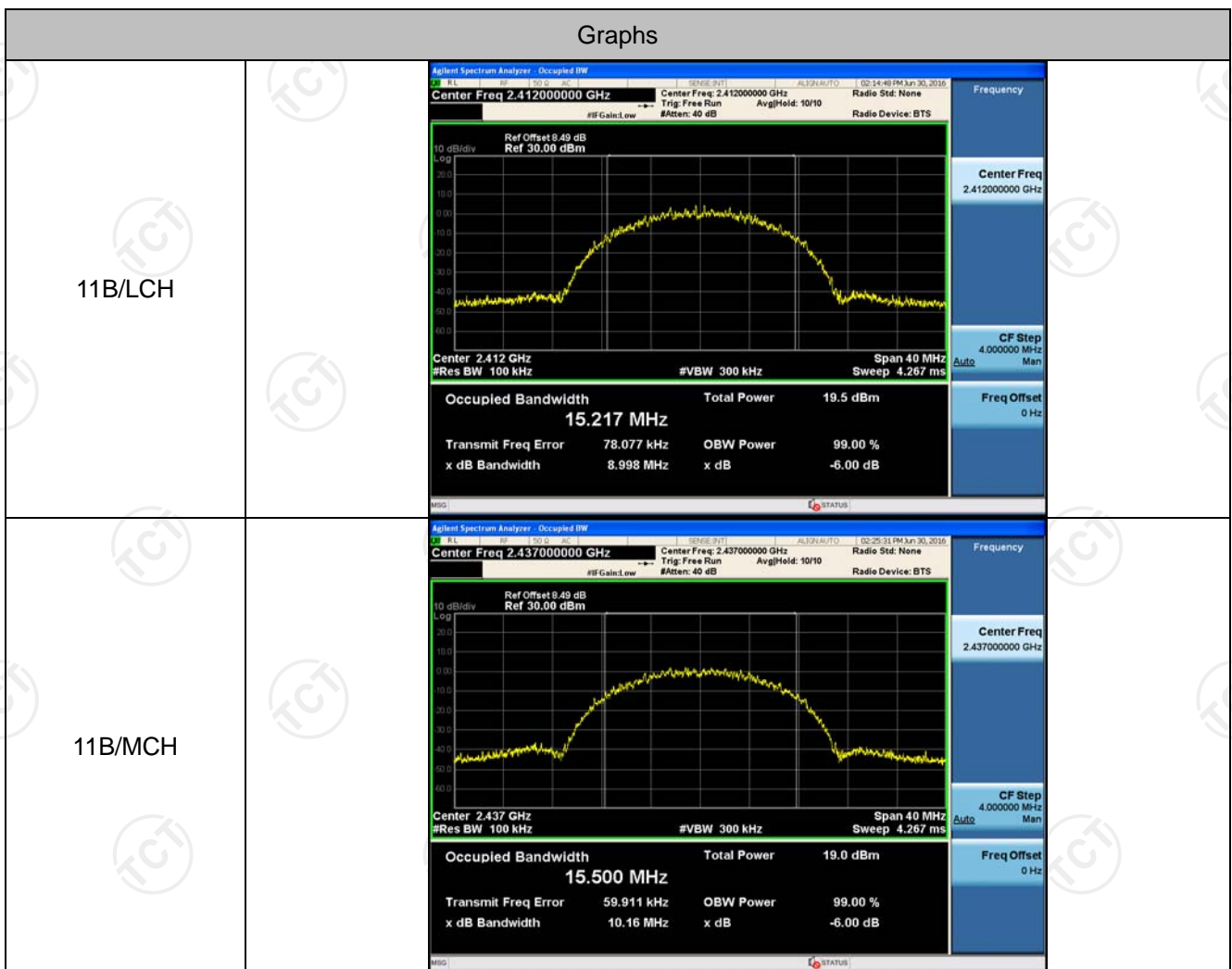


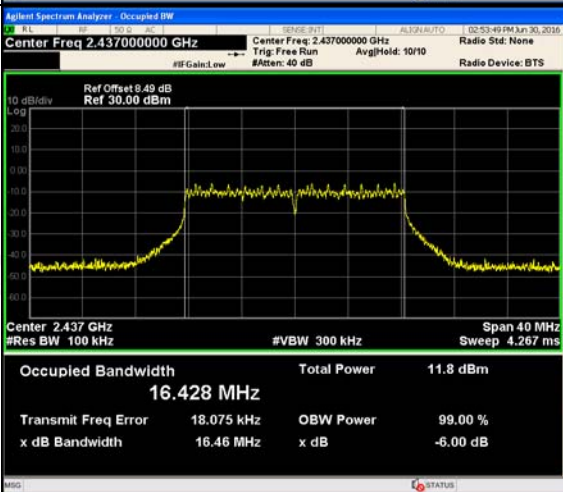
6dB Occupied Bandwidth

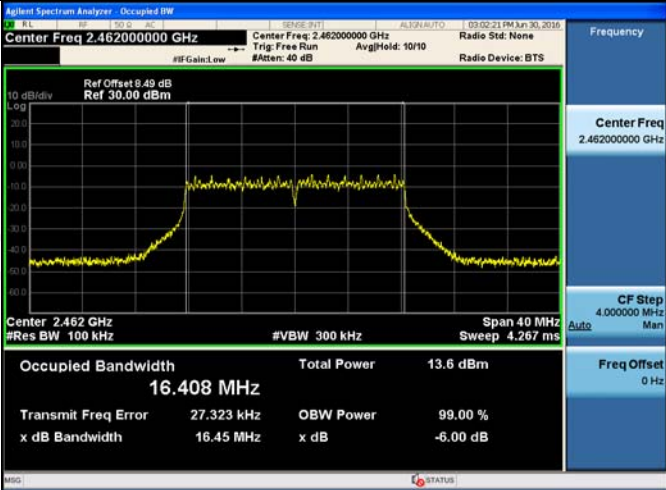
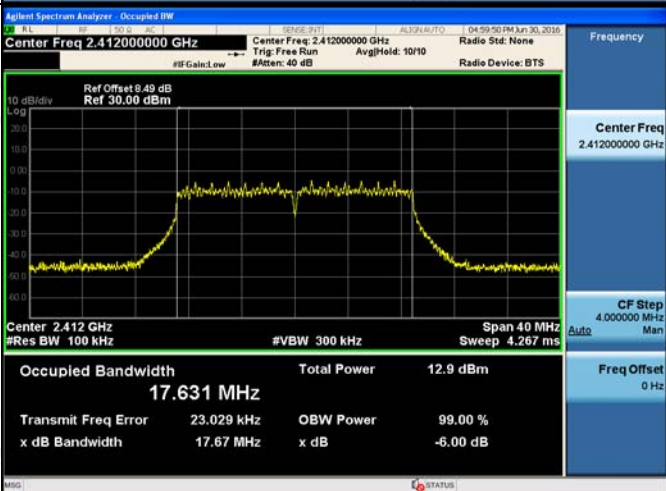
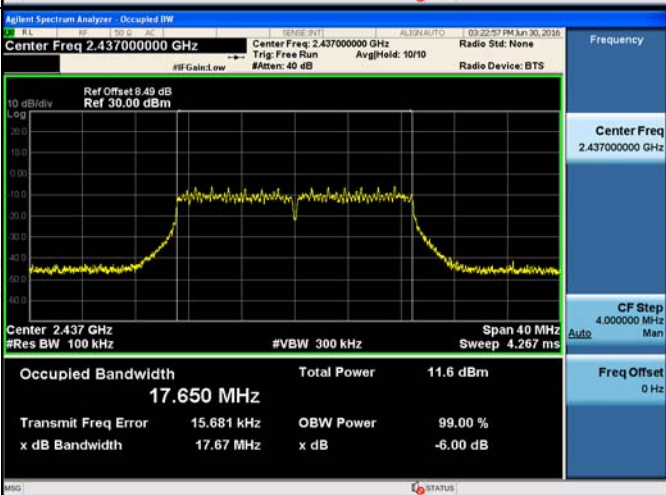
Result Table

Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	8.998	15.217	PASS
11B	MCH	10.16	15.500	PASS
11B	HCH	8.718	15.188	PASS
11G	LCH	16.44	16.405	PASS
11G	MCH	16.46	16.428	PASS
11G	HCH	16.45	16.408	PASS
11N20SISO	LCH	17.67	17.631	PASS
11N20SISO	MCH	17.67	17.650	PASS
11N20SISO	HCH	17.34	17.625	PASS
11N40SISO	LCH	36.04	36.140	PASS
11N40SISO	MCH	36.42	36.276	PASS
11N40SISO	HCH	35.74	36.156	PASS

Test Graph

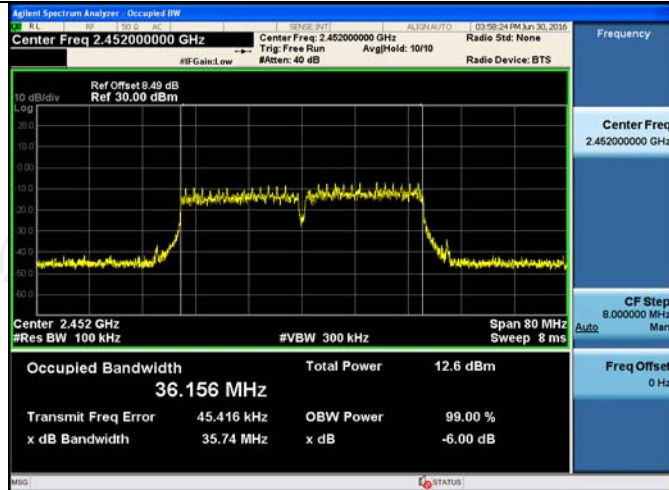


11B/HCH	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq 2.462000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref Offset 8.49 dB</p> <p>Ref 30.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.462 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 4.267 ms</p> <p>Occupied Bandwidth 15.188 MHz</p> <p>Total Power 19.4 dBm</p> <p>Transmit Freq Error 110.15 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 8.718 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p>
11G/LCH	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq 2.412000000 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 8.49 dB</p> <p>Ref 30.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.412 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 4.267 ms</p> <p>Occupied Bandwidth 16.405 MHz</p> <p>Total Power 13.2 dBm</p> <p>Transmit Freq Error 21.012 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.44 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.412000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p>
11G/MCH	 <p>Agilent 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 8.49 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 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 4.267 ms</p> <p>Occupied Bandwidth 16.428 MHz</p> <p>Total Power 11.8 dBm</p> <p>Transmit Freq Error 18.075 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.46 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Auto Man</p> <p>Freq Offset 0 Hz</p>

11G/HCH		<p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p>
11N20SISO/LCH		<p>Frequency</p> <p>Center Freq 2.412000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p>
11N20SISO/MCH		<p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p>

<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq 2.462000000 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 8.49 dB</p> <p>Ref 30.00 dBm</p> <p>Center 2.462 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 4.267 ms</p> <p>Occupied Bandwidth 17.625 MHz</p> <p>Total Power 13.4 dBm</p> <p>Transmit Freq Error 34.661 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.34 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.422000000 GHz</p> <p>Center Freq 2.422000000 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 8.49 dB</p> <p>Ref 30.00 dBm</p> <p>Center 2.422 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 80 MHz</p> <p>Sweep 8 ms</p> <p>Occupied Bandwidth 36.140 MHz</p> <p>Total Power 12.0 dBm</p> <p>Transmit Freq Error -43.983 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 36.04 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.422000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/MCH</p>	<p>Agilent 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 8.49 dB</p> <p>Ref 30.00 dBm</p> <p>Center 2.437 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 80 MHz</p> <p>Sweep 8 ms</p> <p>Occupied Bandwidth 36.276 MHz</p> <p>Total Power 11.8 dBm</p> <p>Transmit Freq Error -5.835 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 36.42 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p>

11N40SISO/HCH

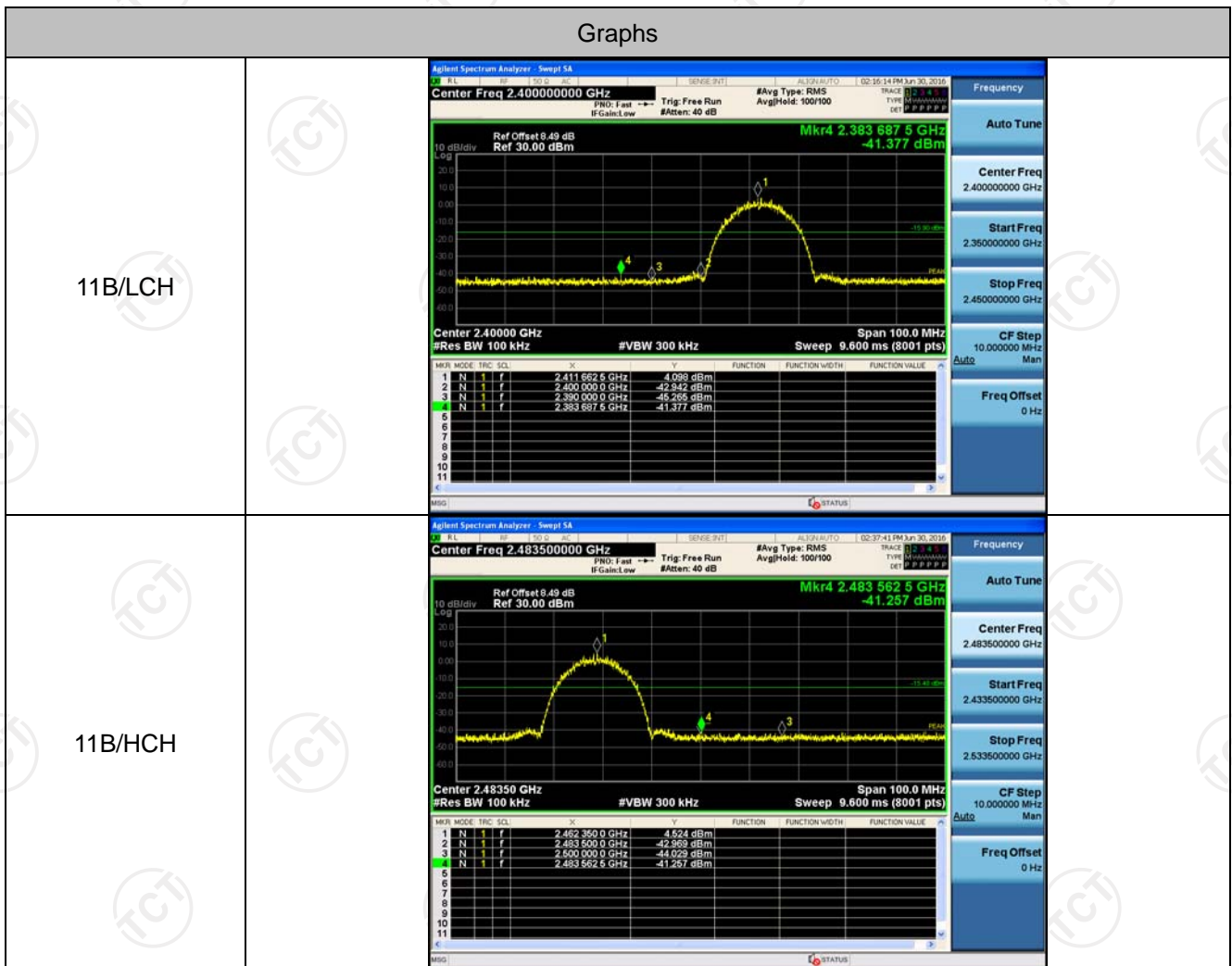


Band-edge for RF Conducted Emissions

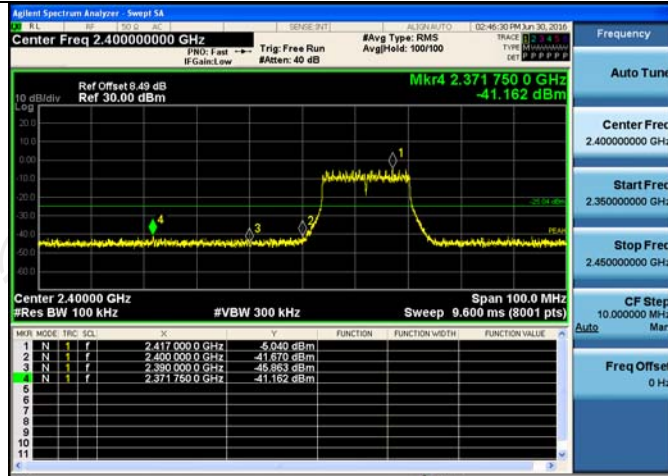
Result Table

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.098	-41.377	-15.9	PASS
11B	HCH	4.524	-41.257	-15.48	PASS
11G	LCH	-5.040	-41.162	-25.04	PASS
11G	HCH	-3.828	-41.516	-23.83	PASS
11N20SISO	LCH	-4.905	-42.338	-24.91	PASS
11N20SISO	HCH	-3.997	-41.809	-24	PASS
11N40SISO	LCH	-7.740	-41.393	-27.74	PASS
11N40SISO	HCH	-7.314	-41.413	-27.31	PASS

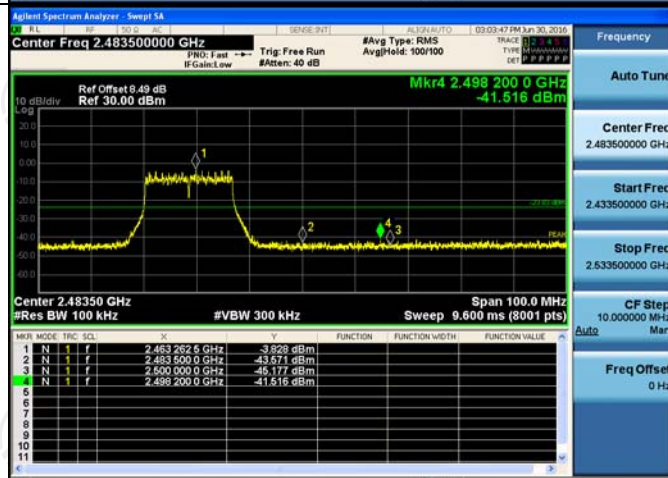
Test Graph



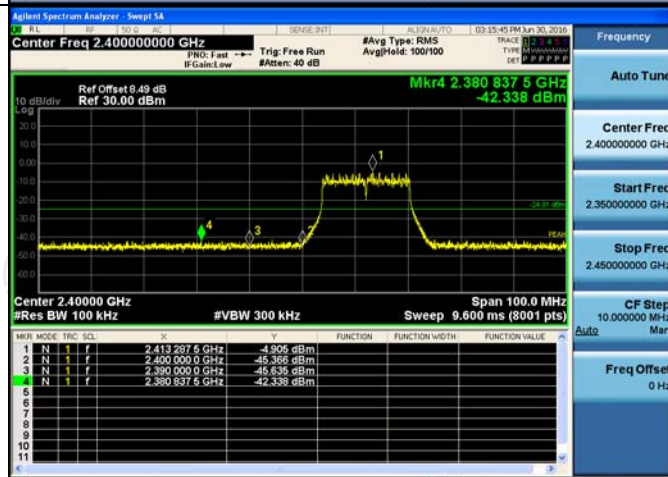
11G/LCH



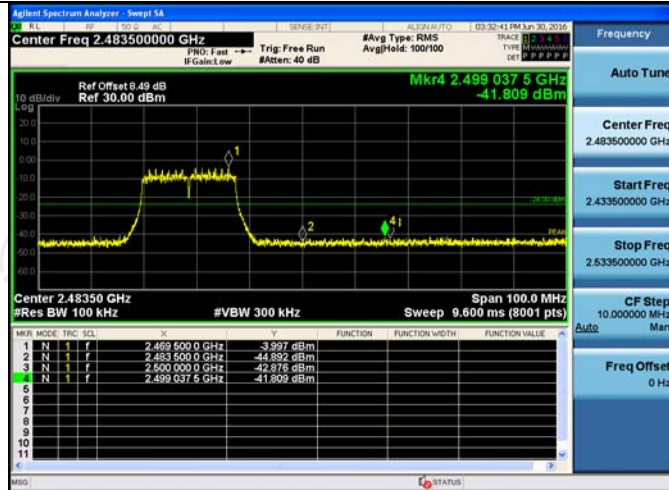
11G/HCH



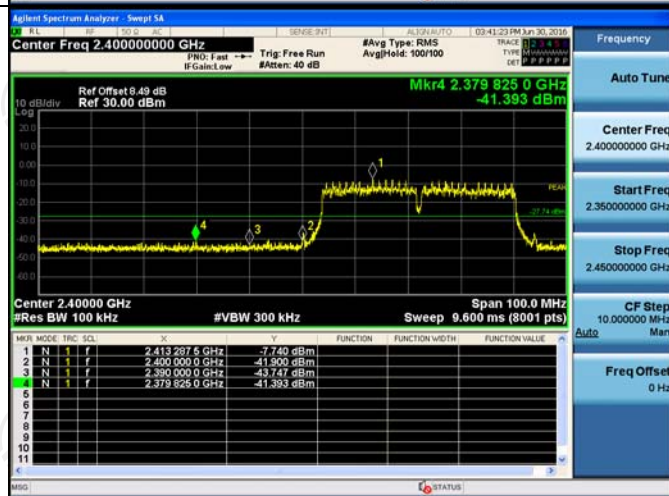
11N20SISO/LCH



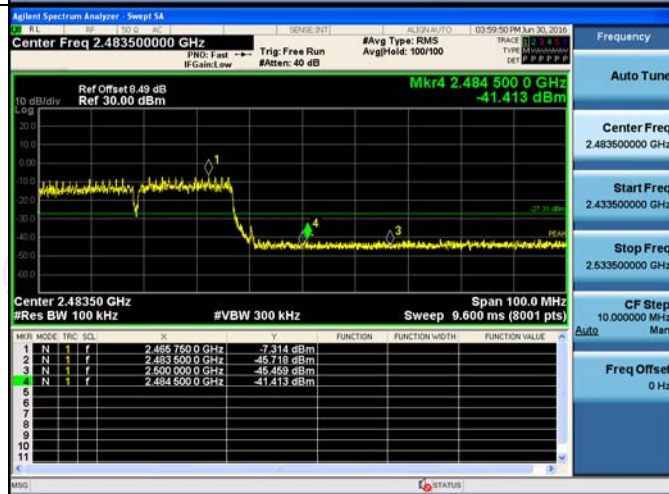
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/HCH

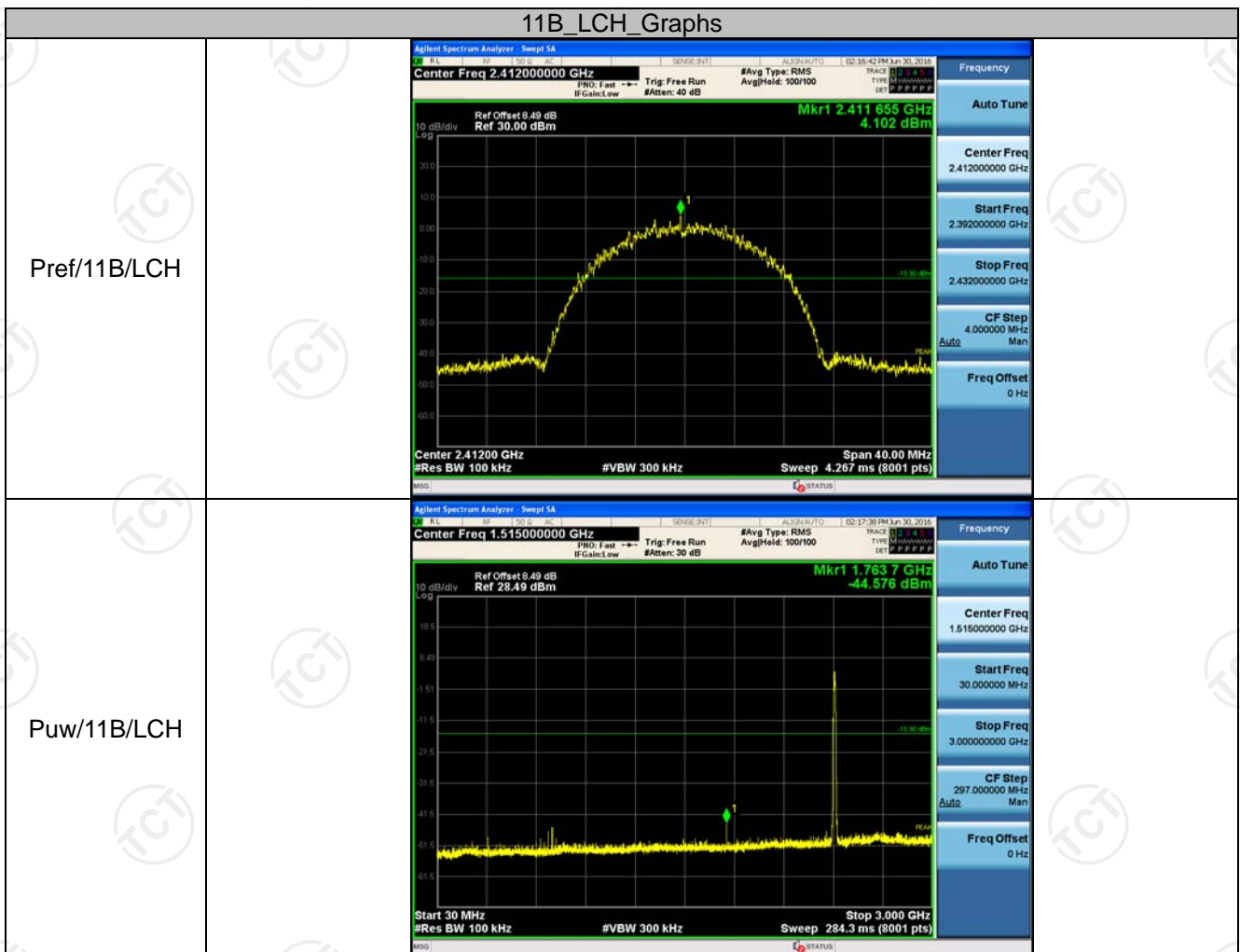


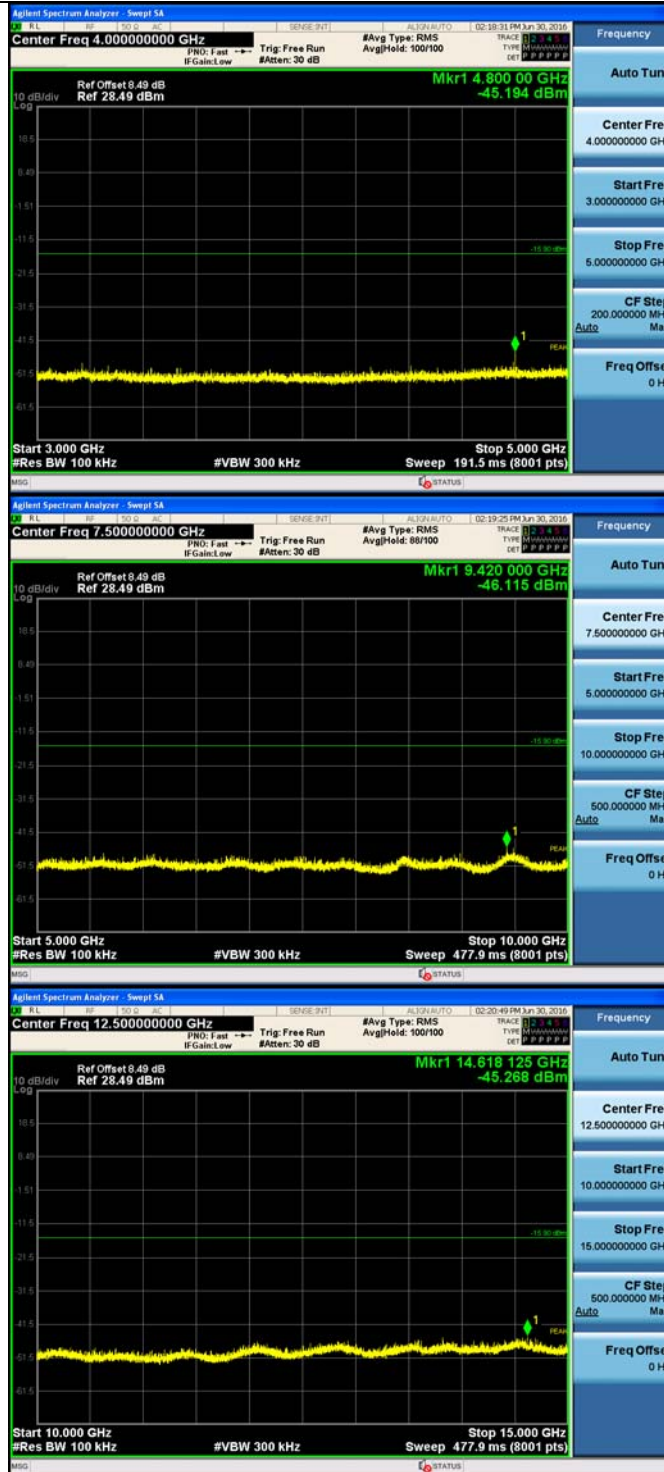
RF Conducted Spurious Emissions

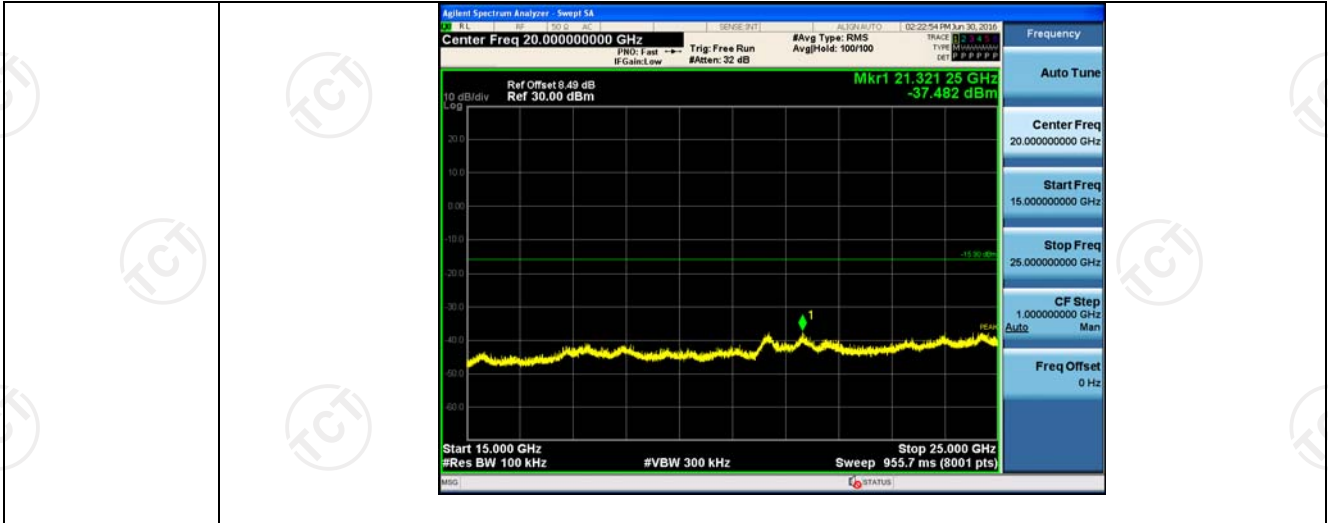
Result Table

Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	4.102	<Limit	PASS
11B	MCH	2.896	<Limit	PASS
11B	HCH	2.678	<Limit	PASS
11G	LCH	-4.661	<Limit	PASS
11G	MCH	-5.761	<Limit	PASS
11G	HCH	-3.969	<Limit	PASS
11N20SISO	LCH	-4.983	<Limit	PASS
11N20SISO	MCH	-6.089	<Limit	PASS
11N20SISO	HCH	-4.188	<Limit	PASS
11N40SISO	LCH	-7.589	<Limit	PASS
11N40SISO	MCH	-8.493	<Limit	PASS
11N40SISO	HCH	-7.193	<Limit	PASS

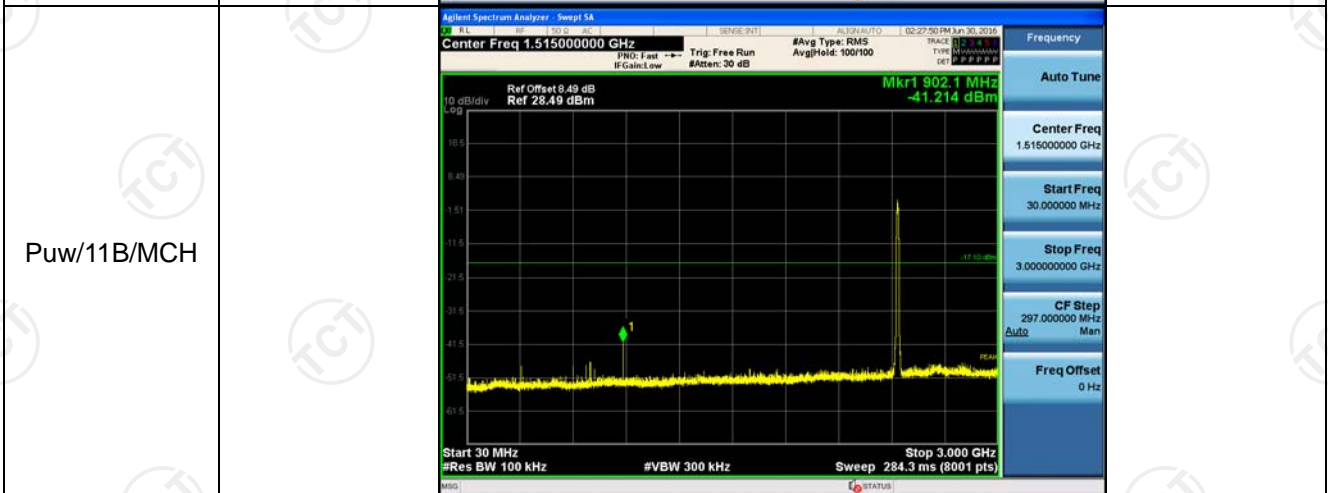
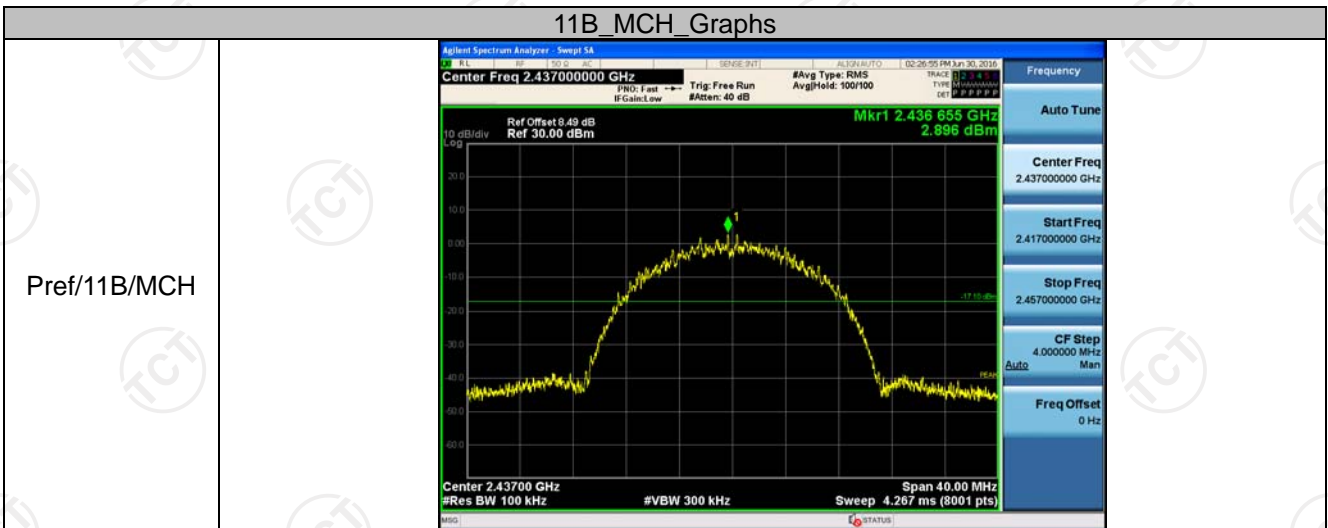
Test Graph

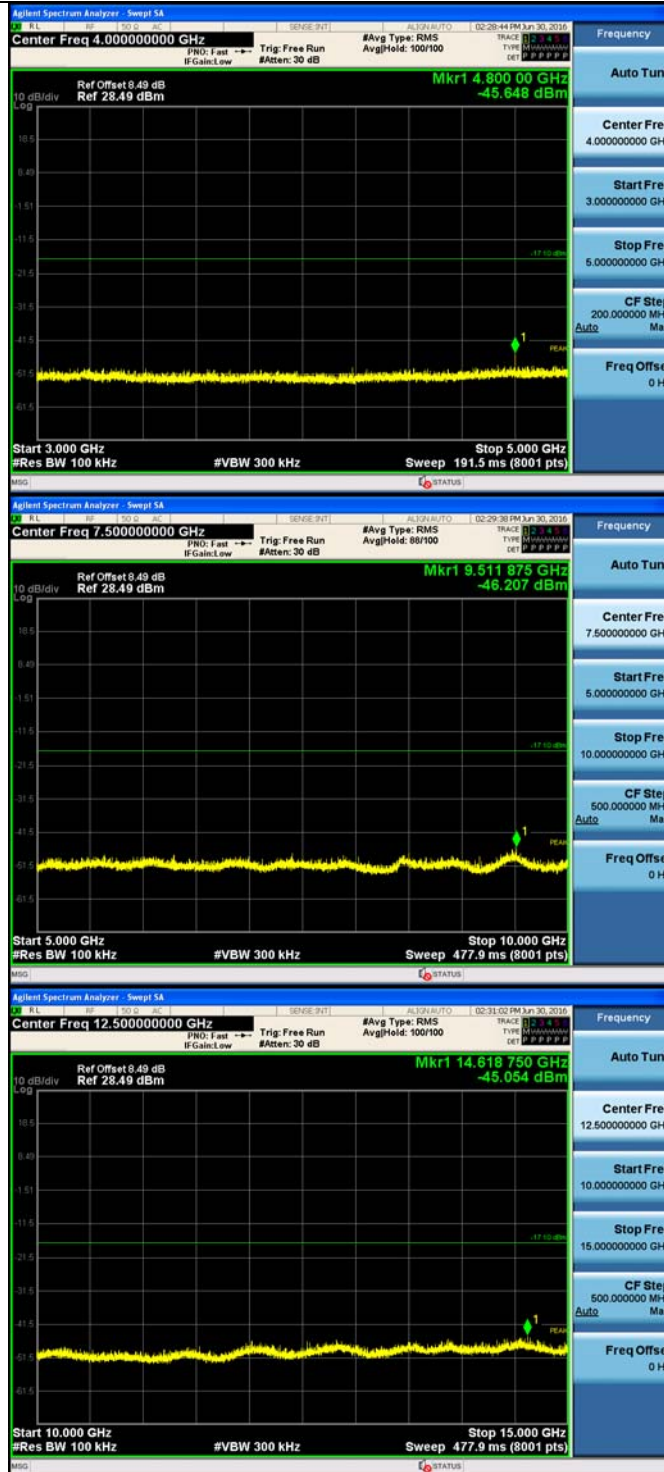






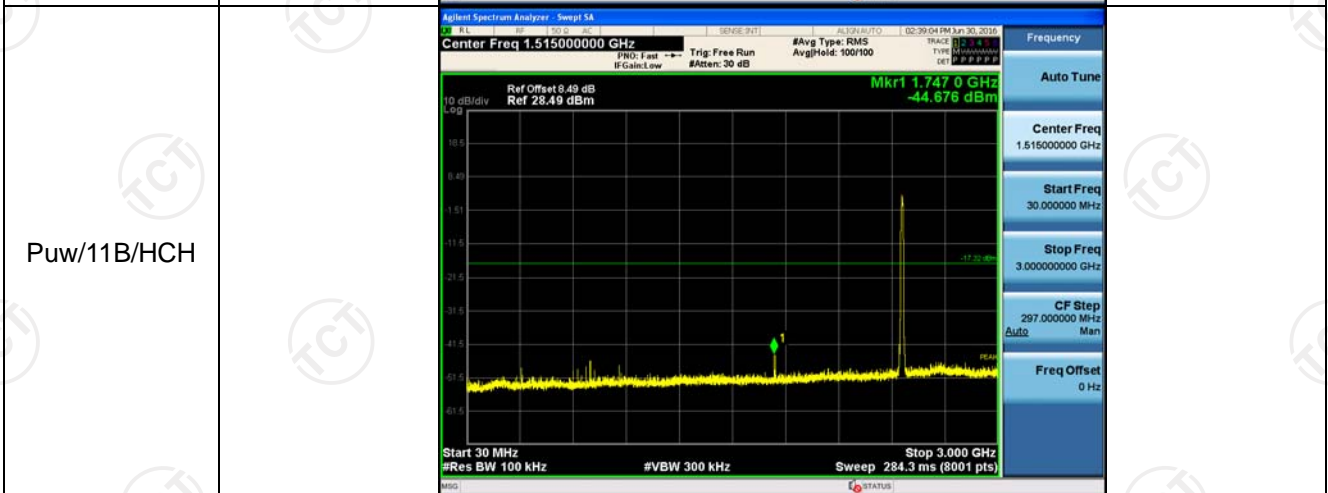
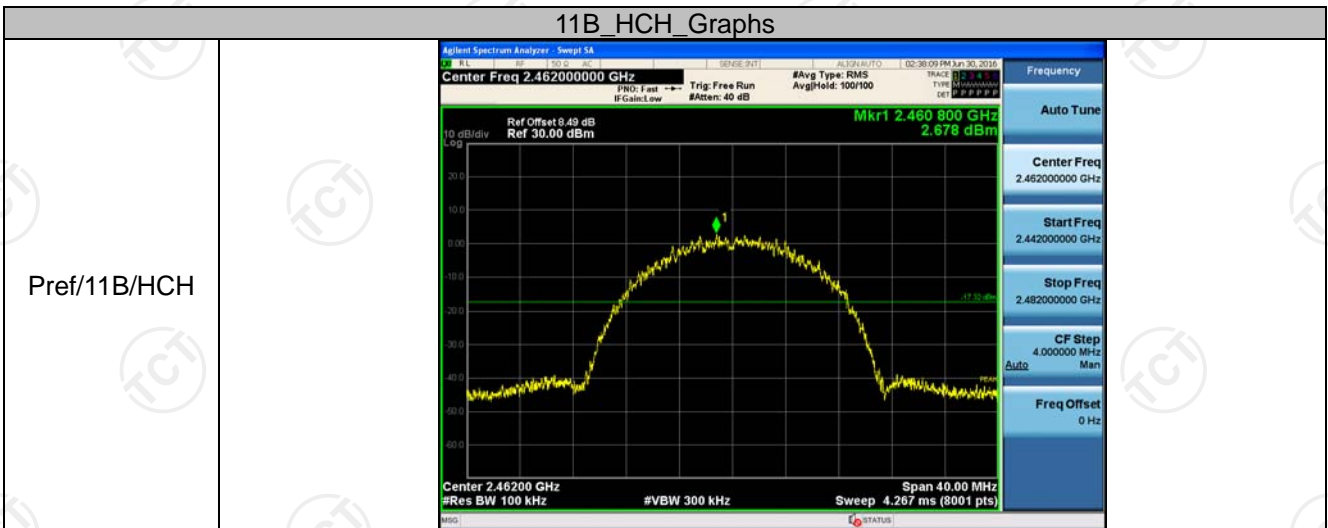
11B_MCH_Graphs



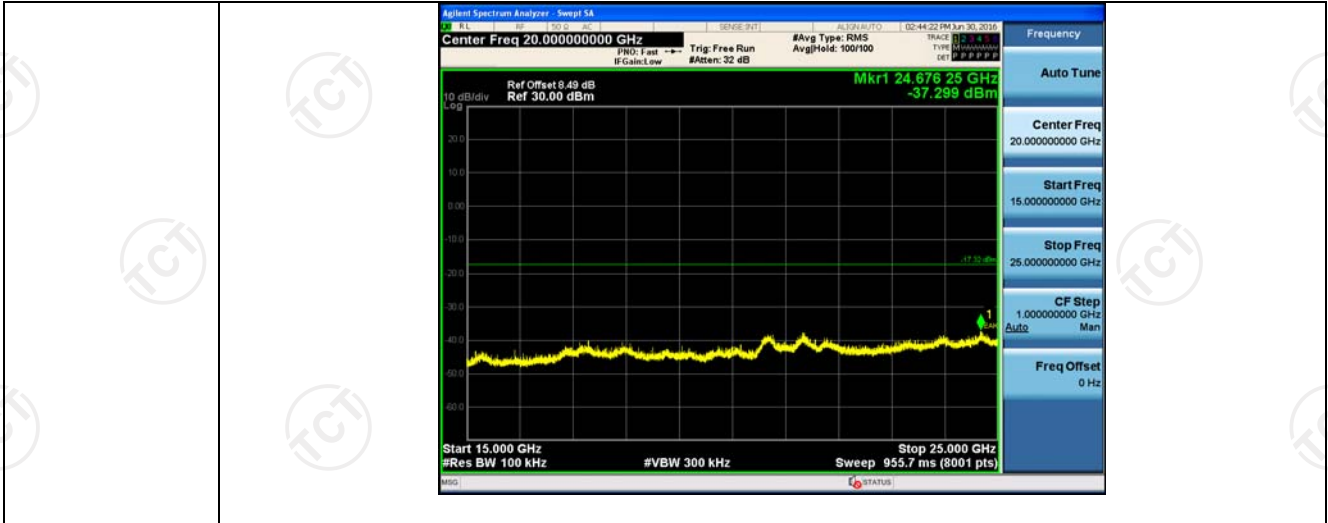




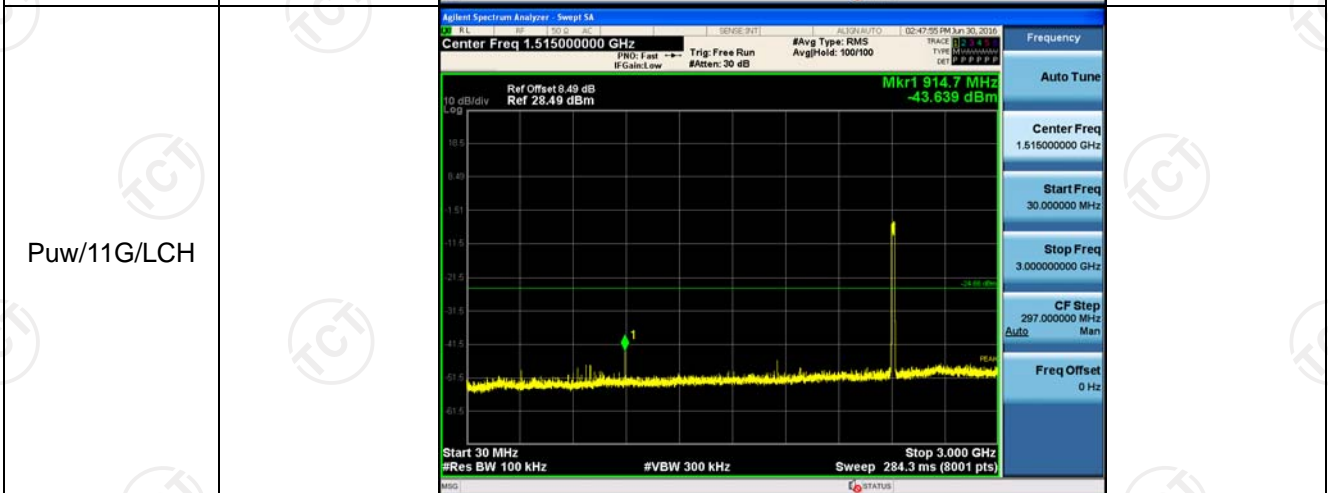
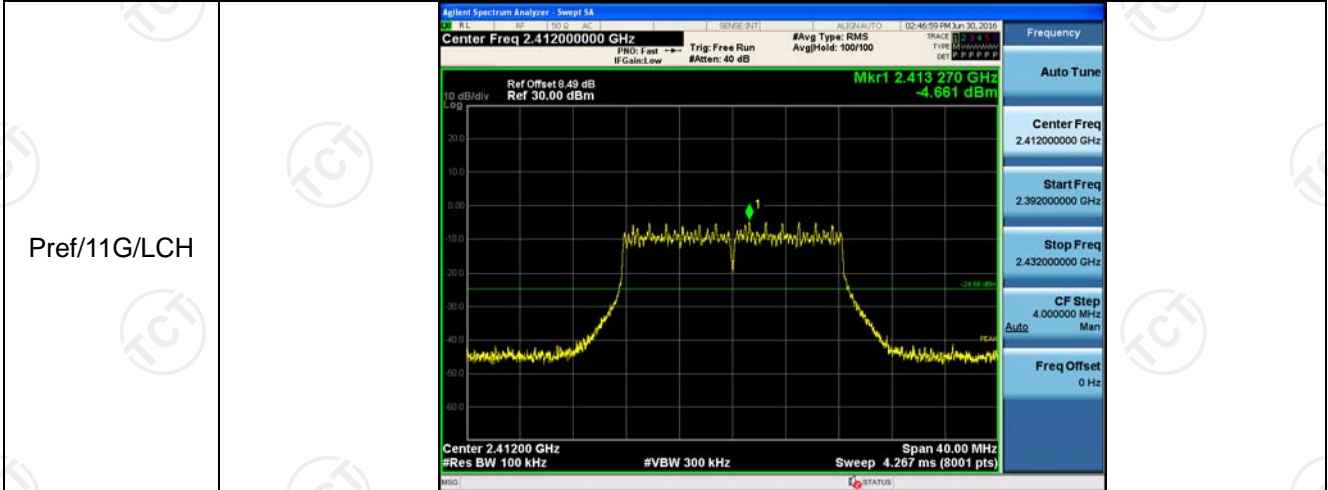
11B_HCH Graphs

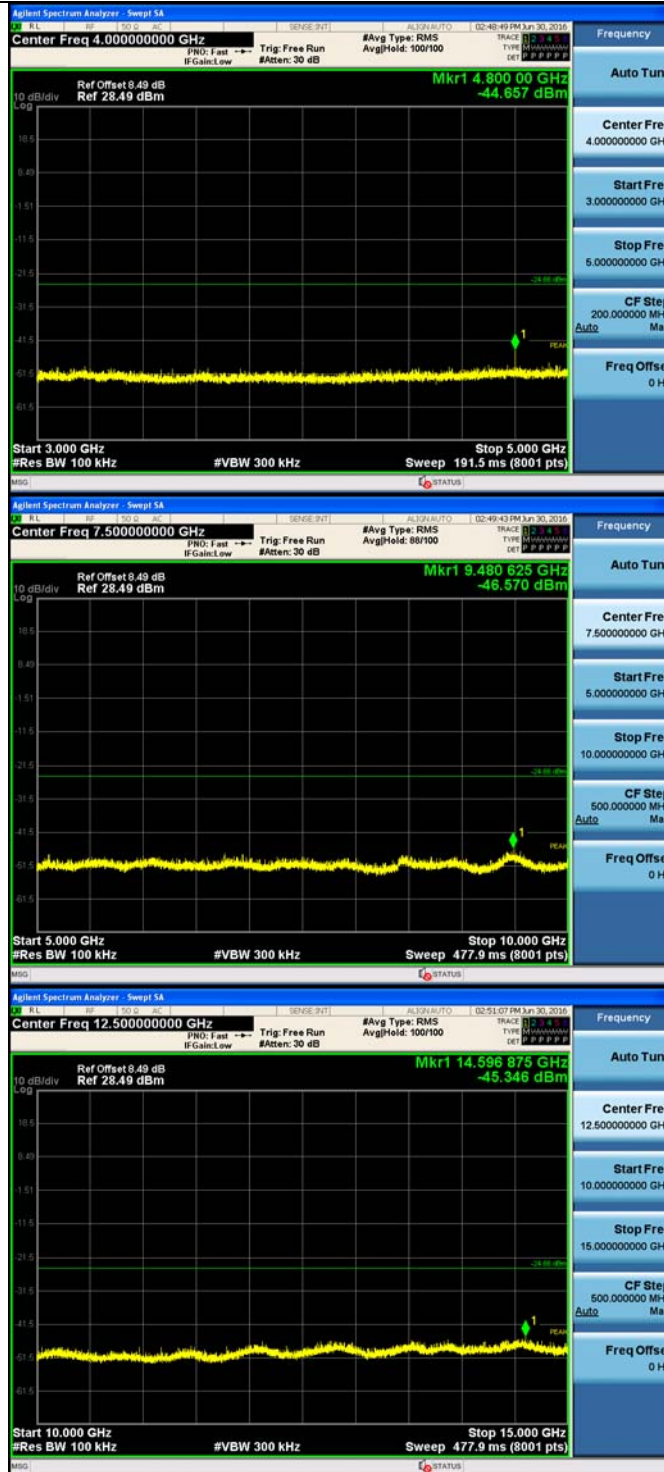


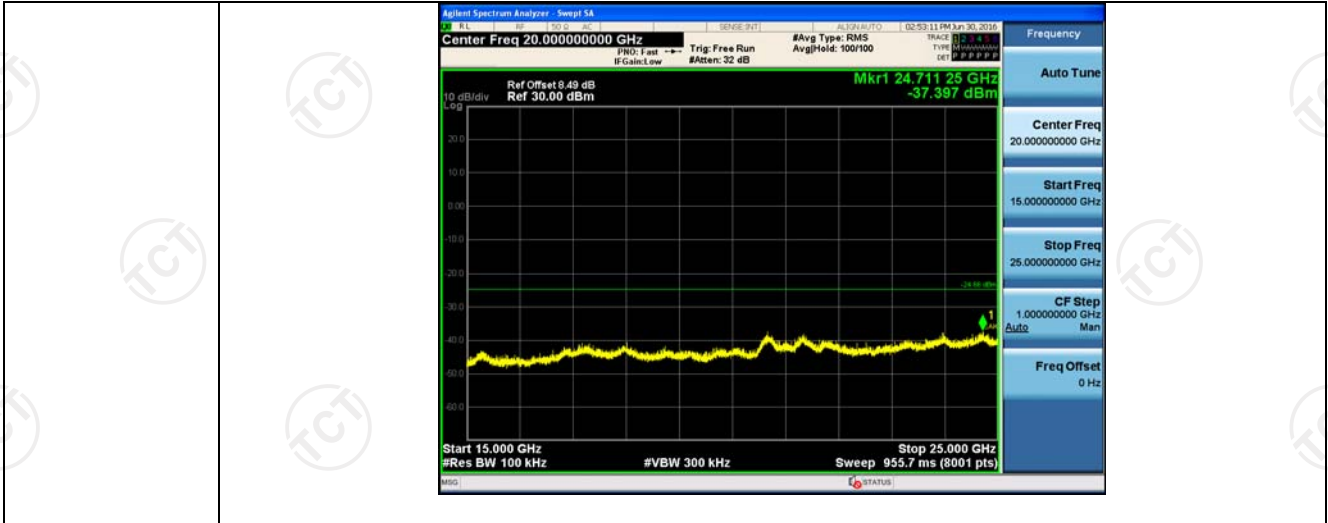




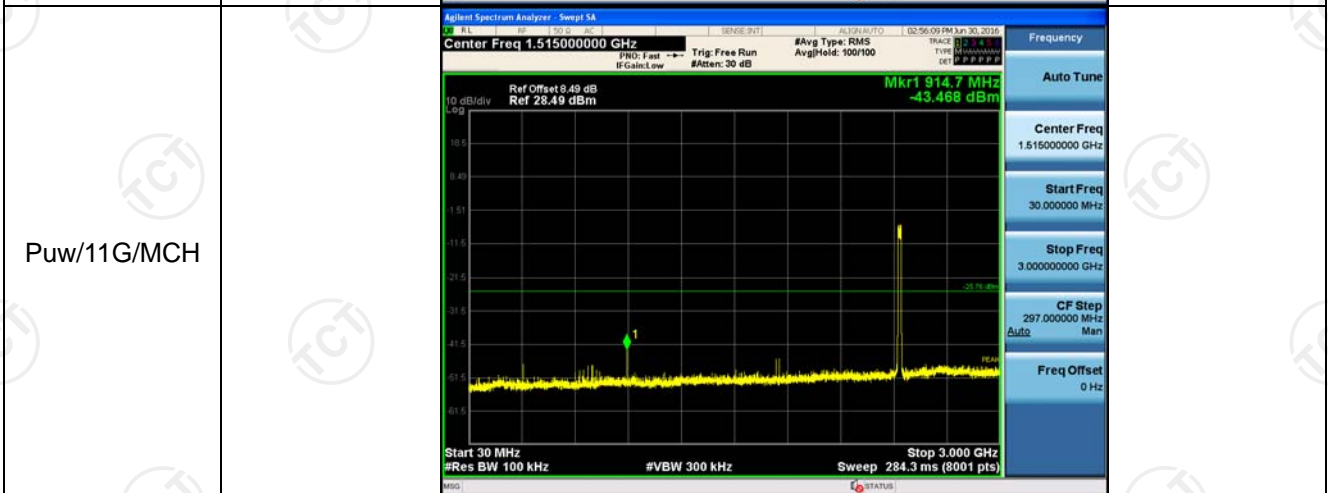
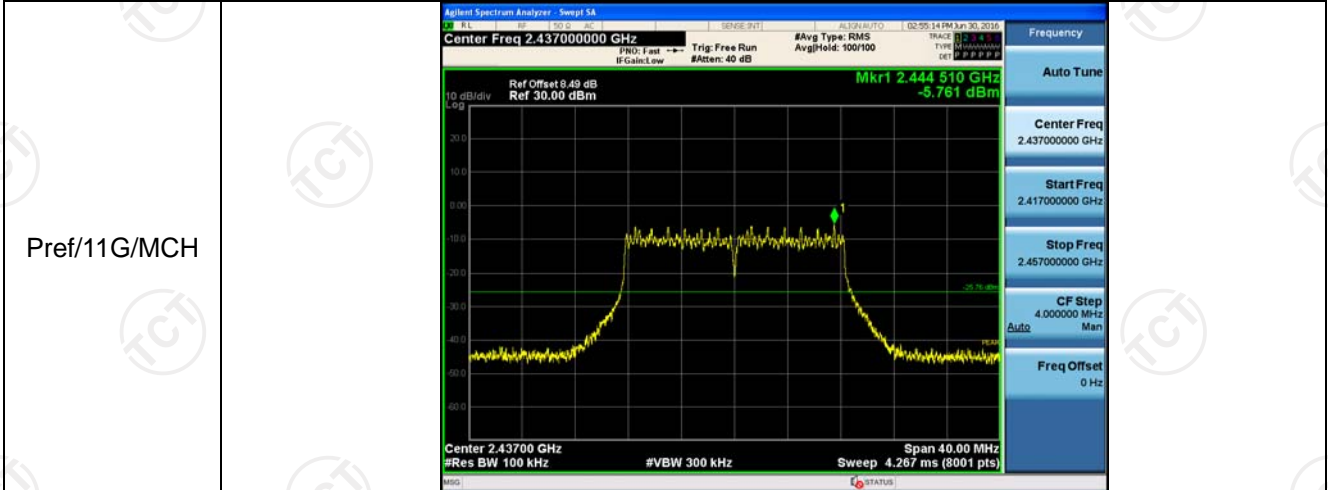
11G_LCH_Graphs

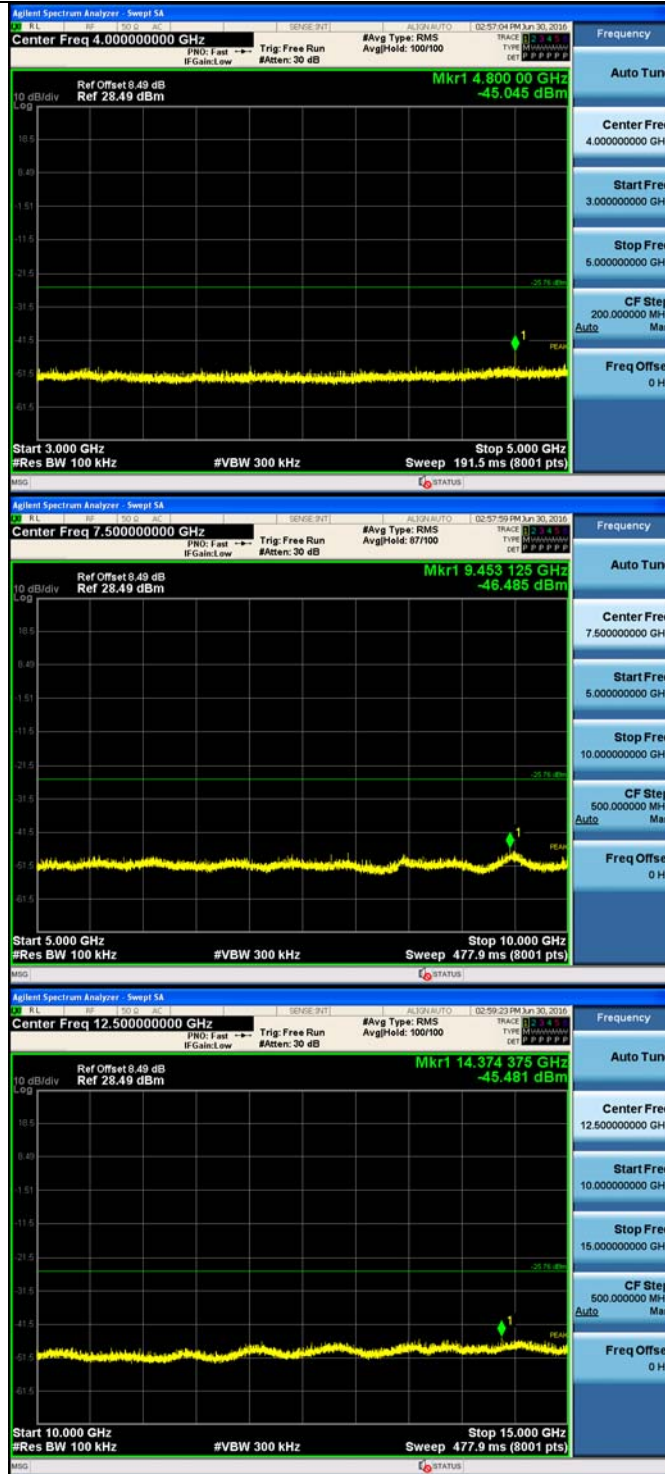






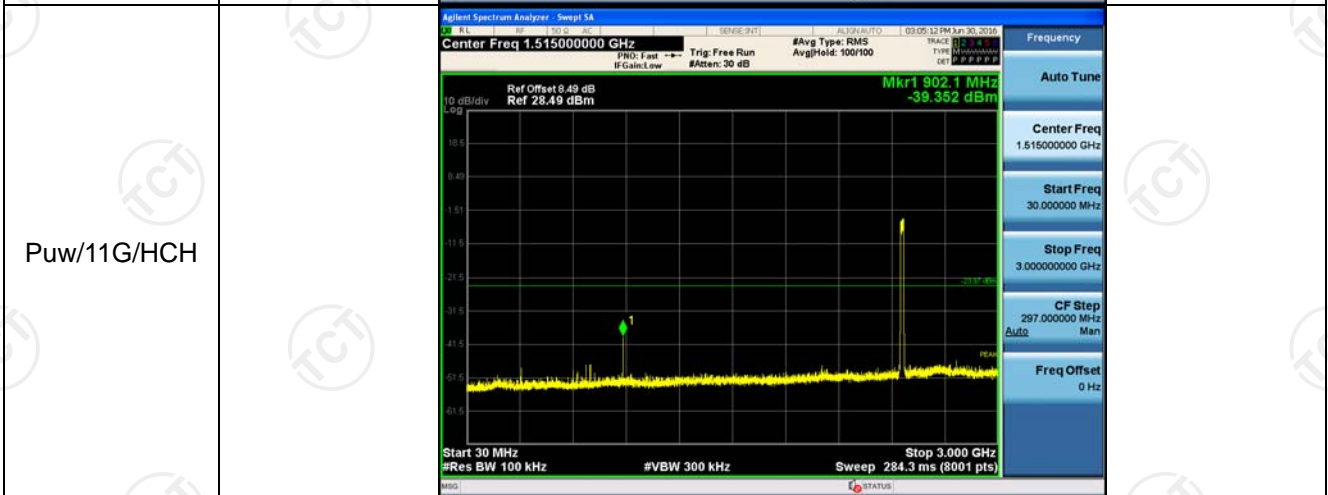
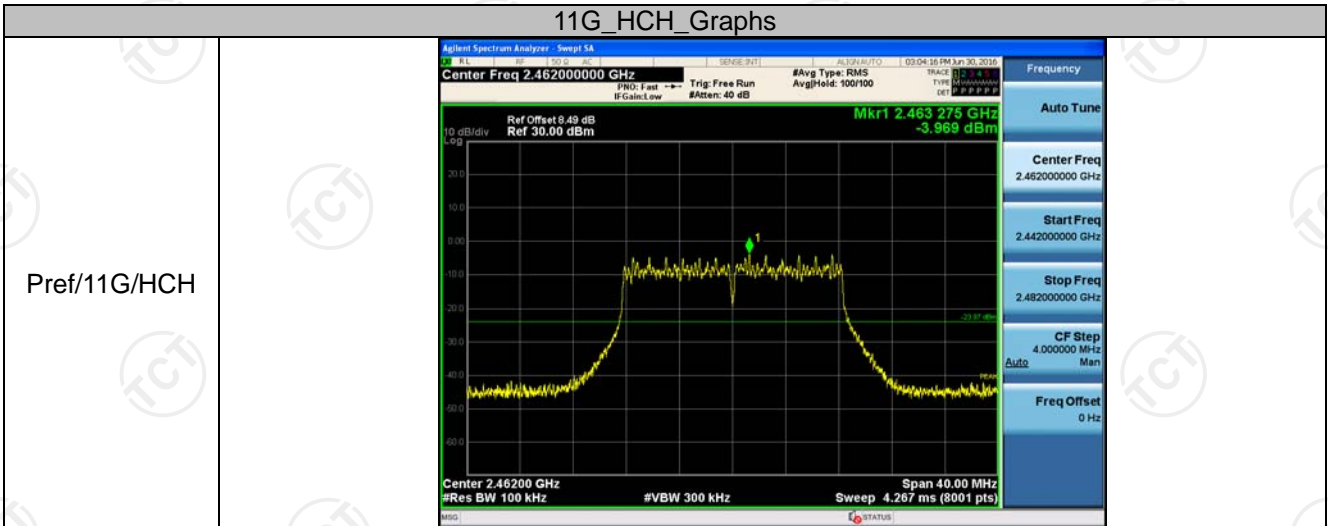
11G_MCH_Graphs

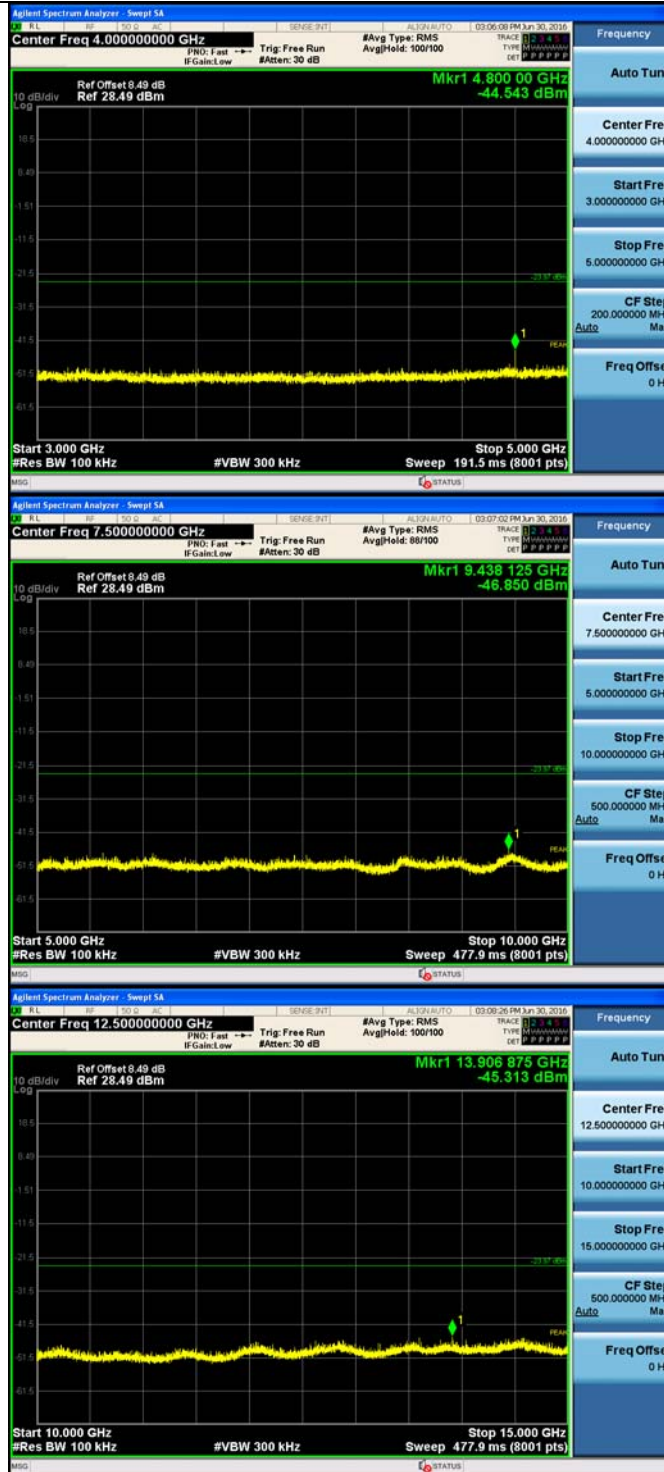






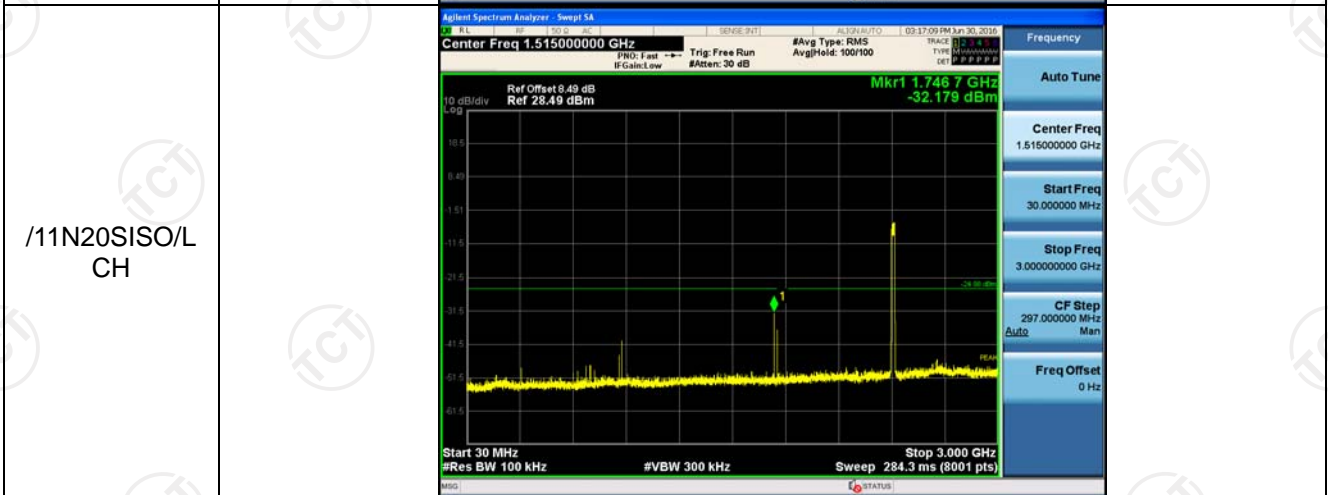
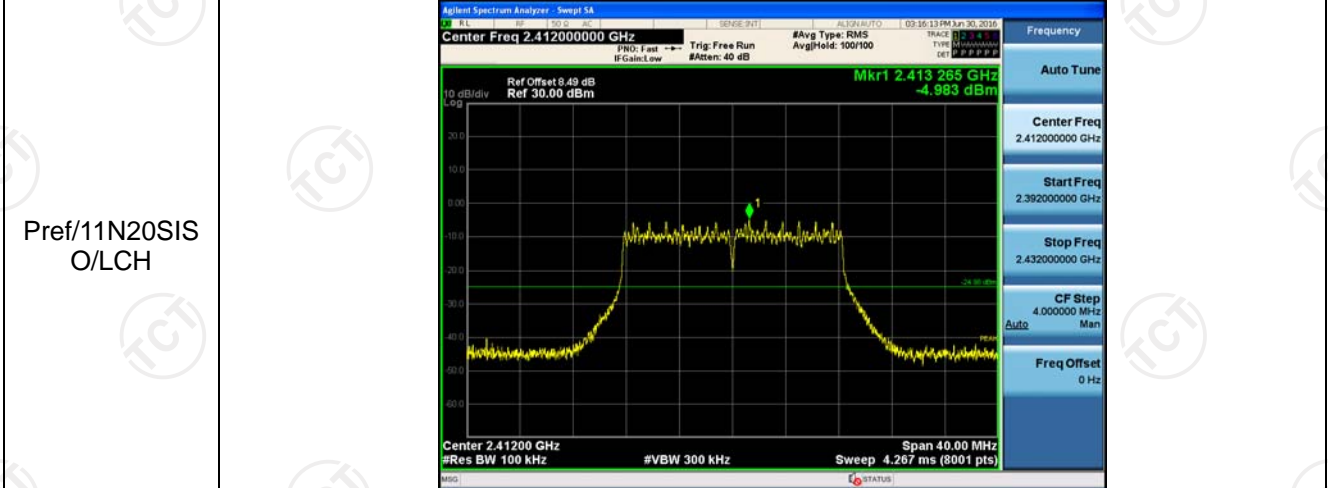
11G_HCH_Graphs

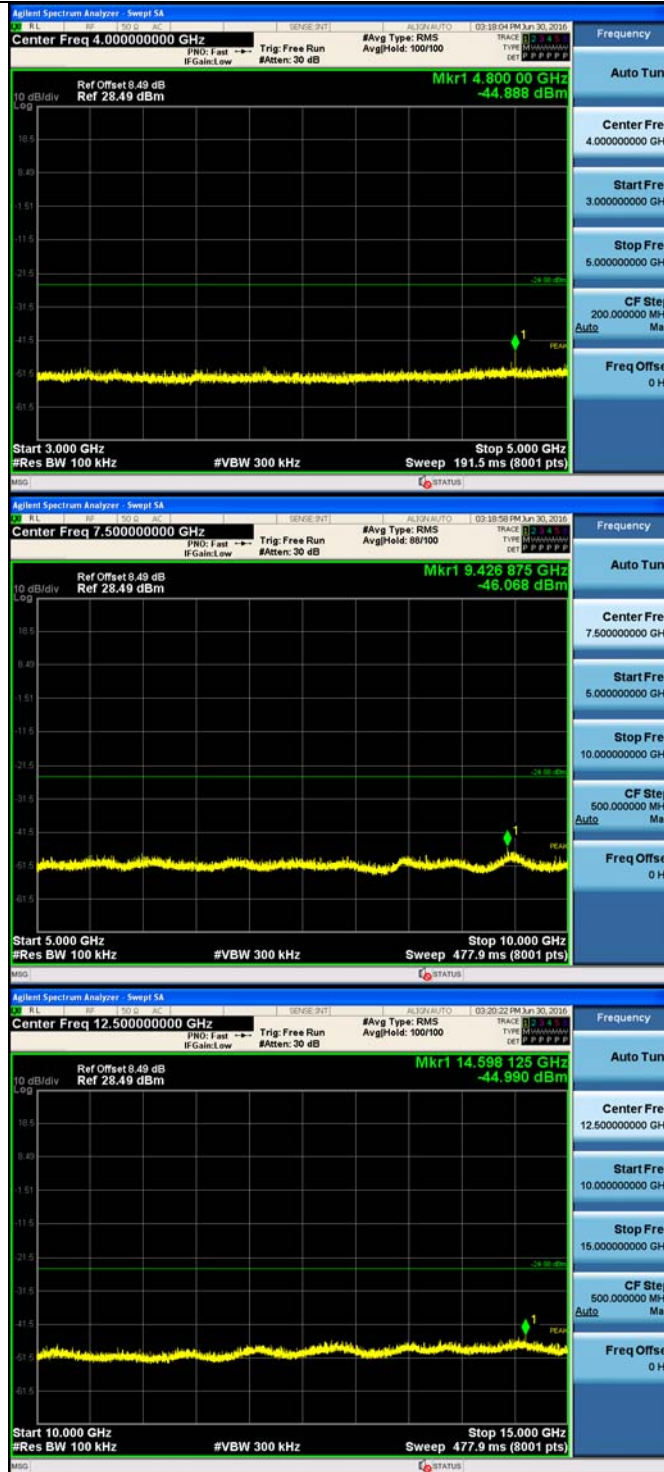






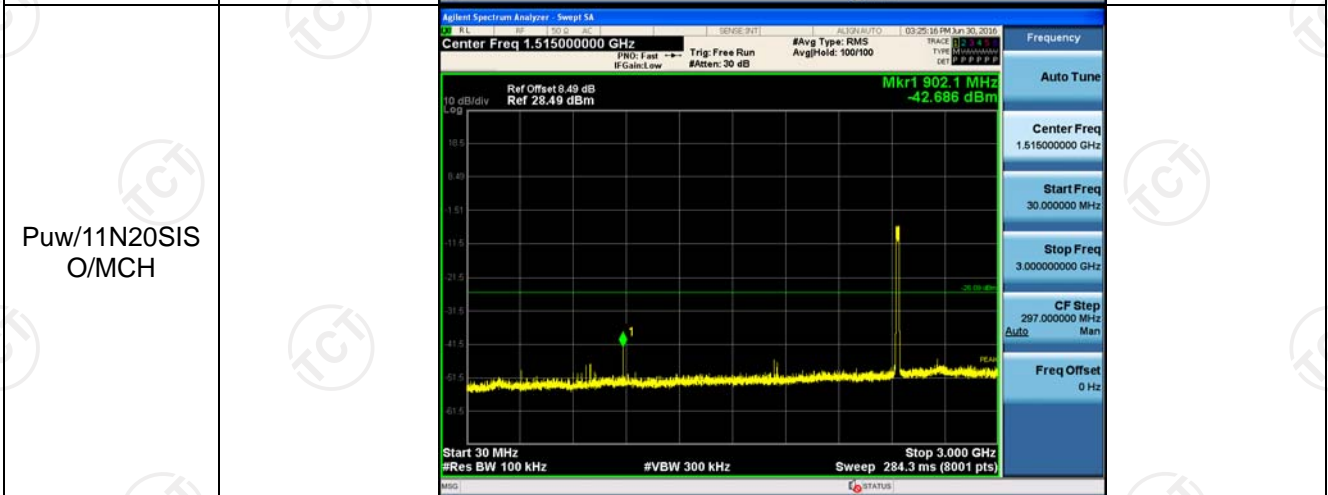
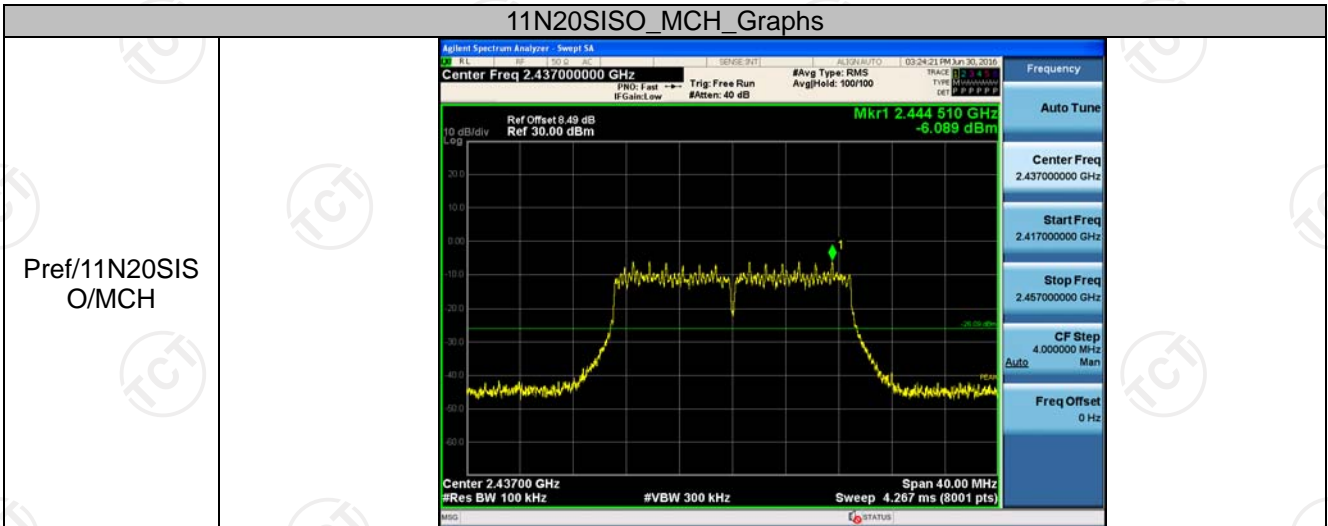
11N20SISO_LCH_Graphs

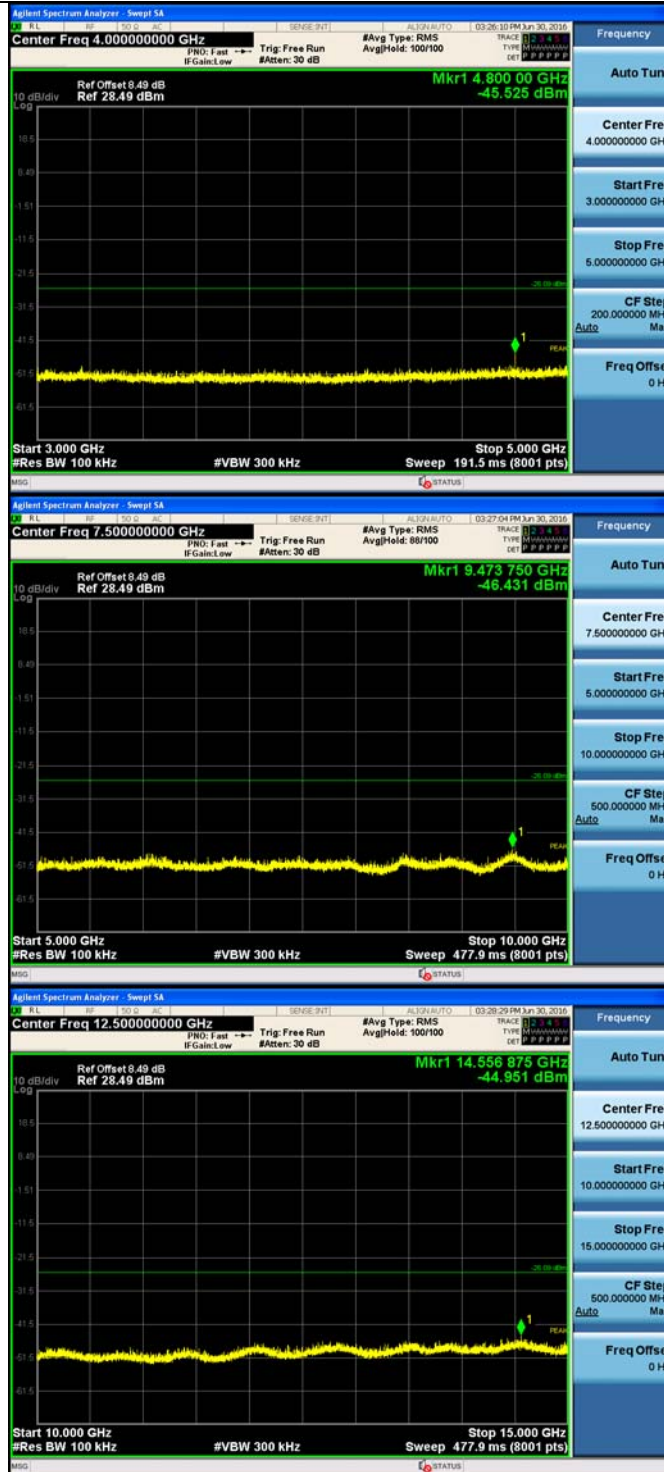






11N20SIS_O/MCH_Graphs

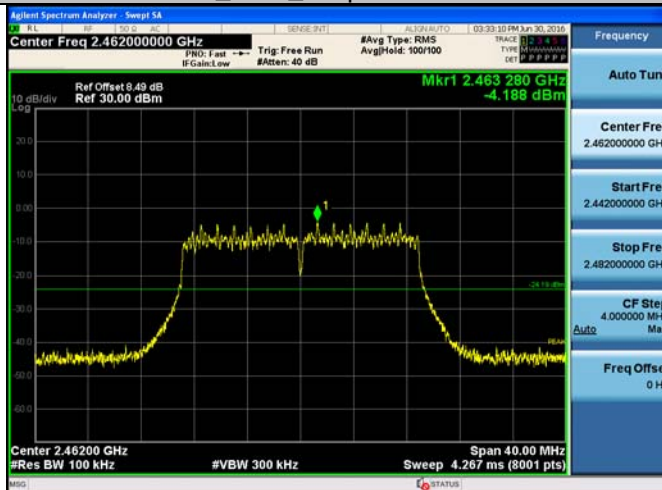




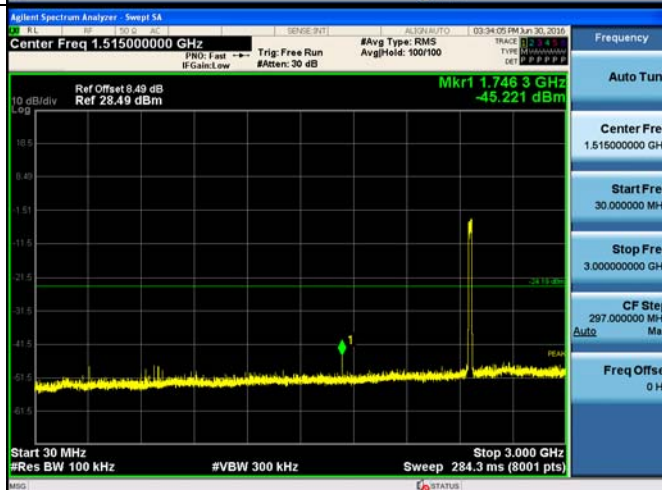


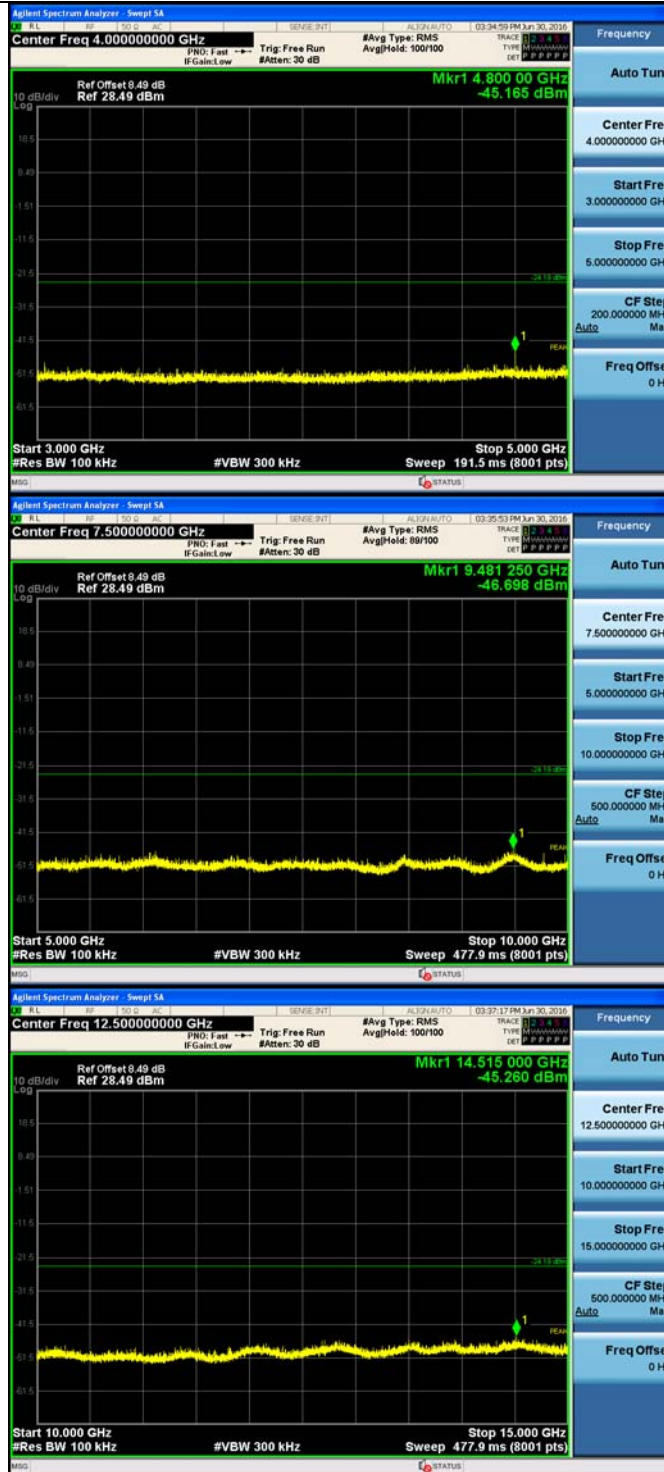
11N20SIS_O/HCH_Graphs

Pref/11N20SIS
O/HCH



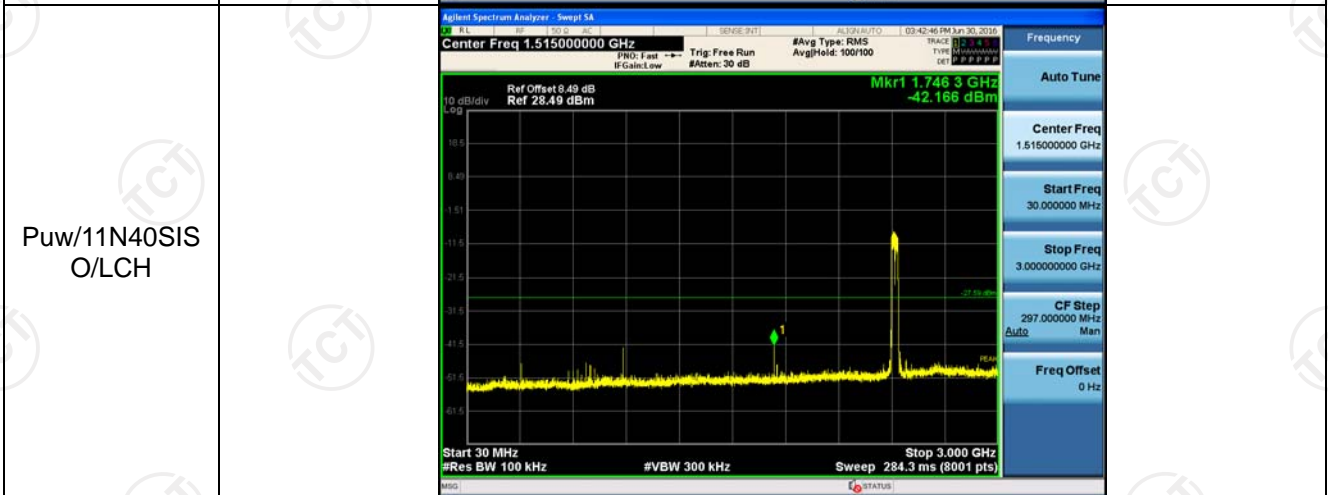
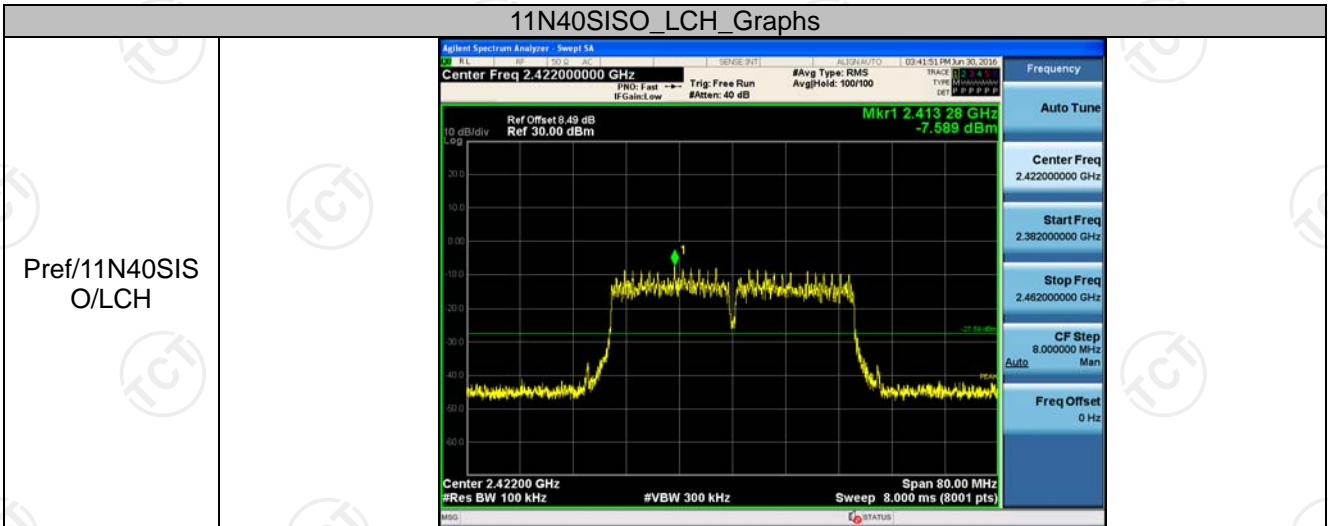
Puw/11N20SIS
O/HCH

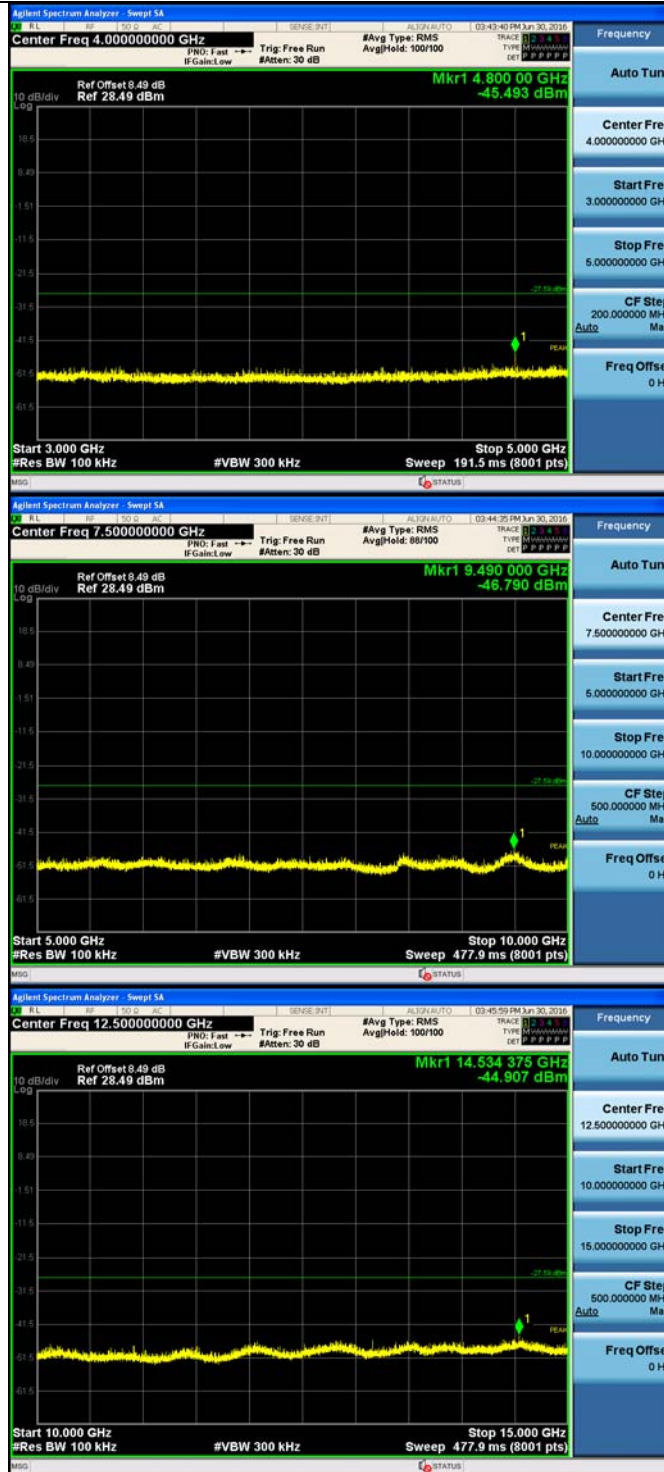






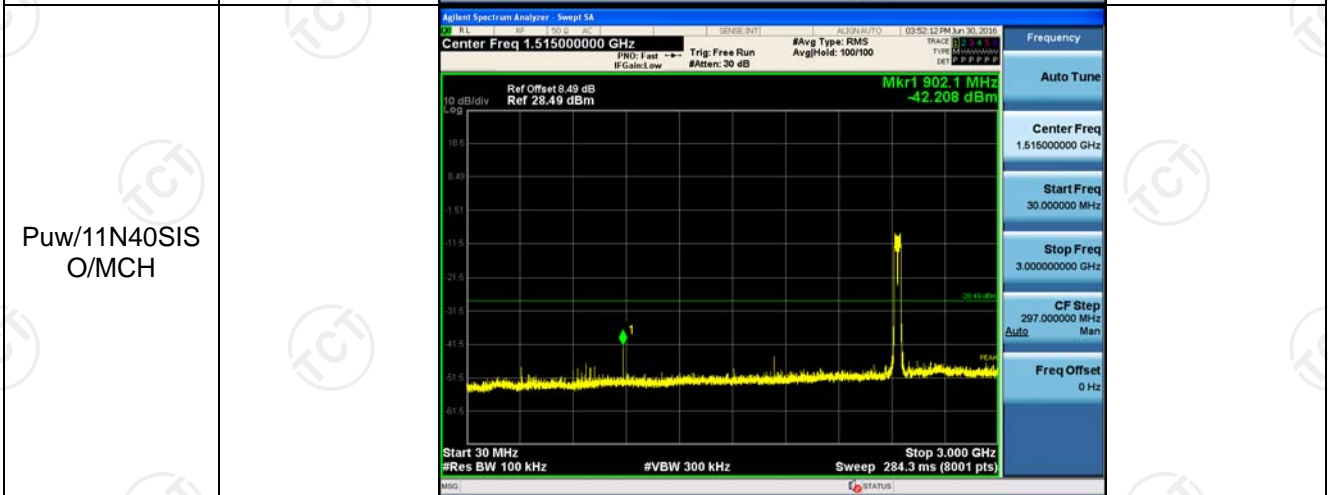
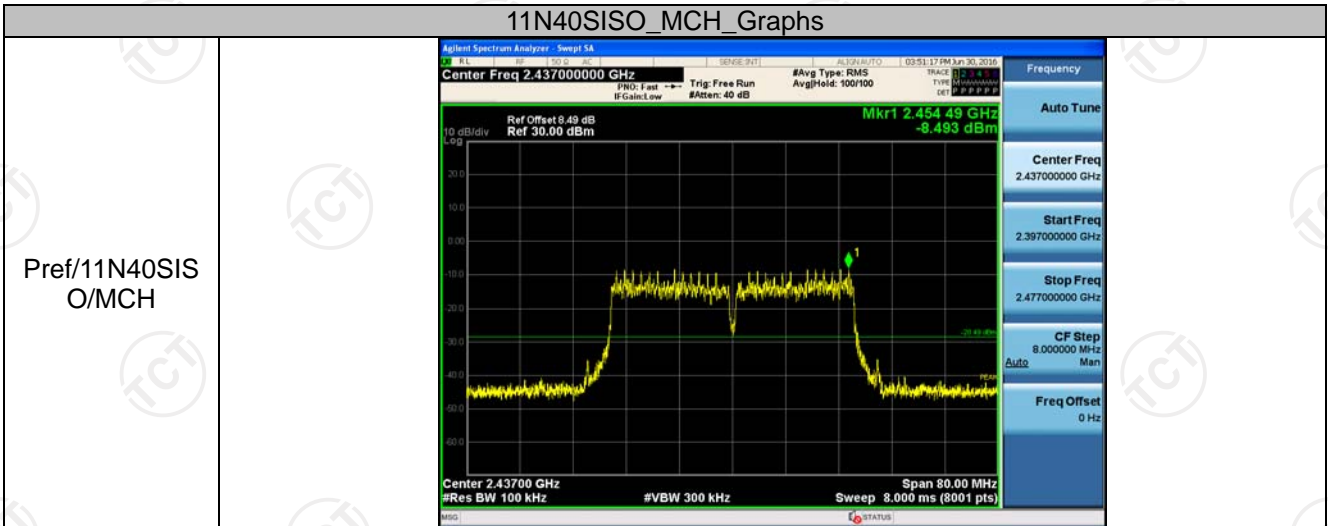
11N40SISO_LCH_Graphs

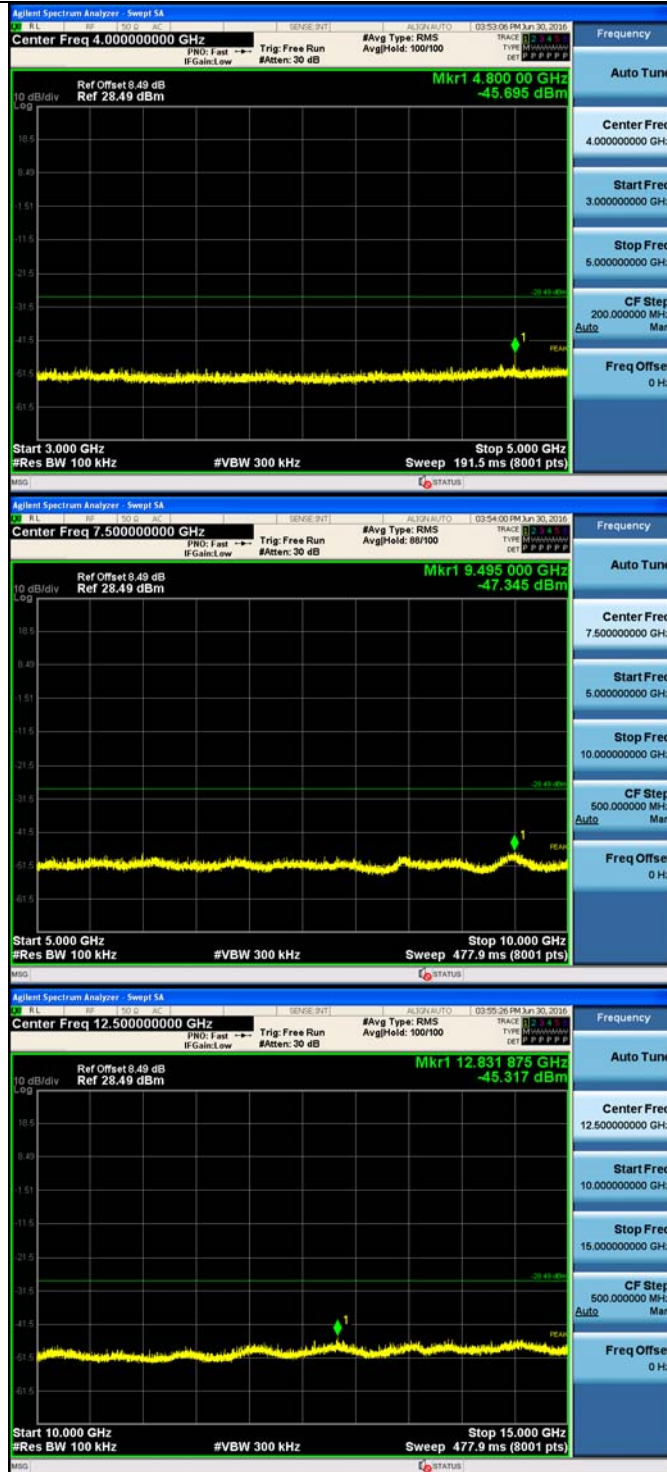






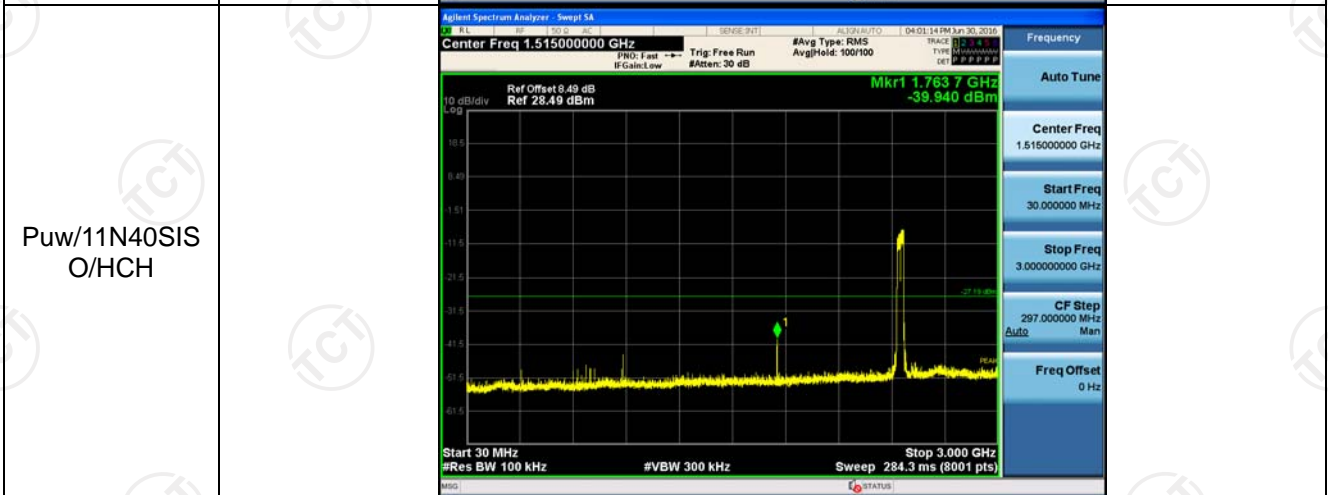
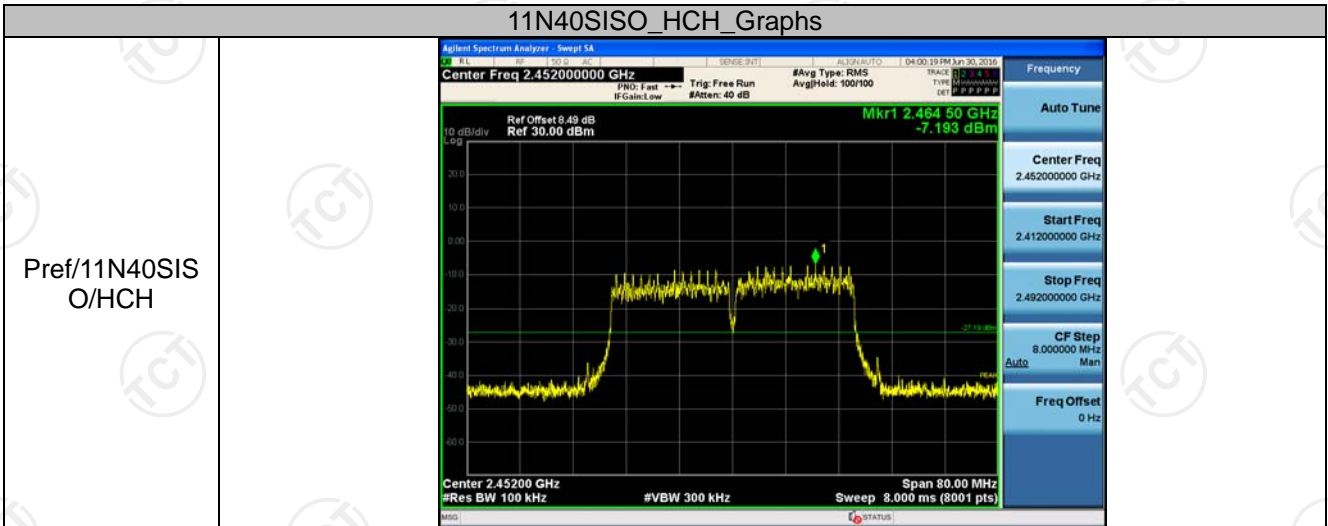
11N40SISO_MCH_Graphs







11N40SISO_HCH_Graphs







Power Spectral Density

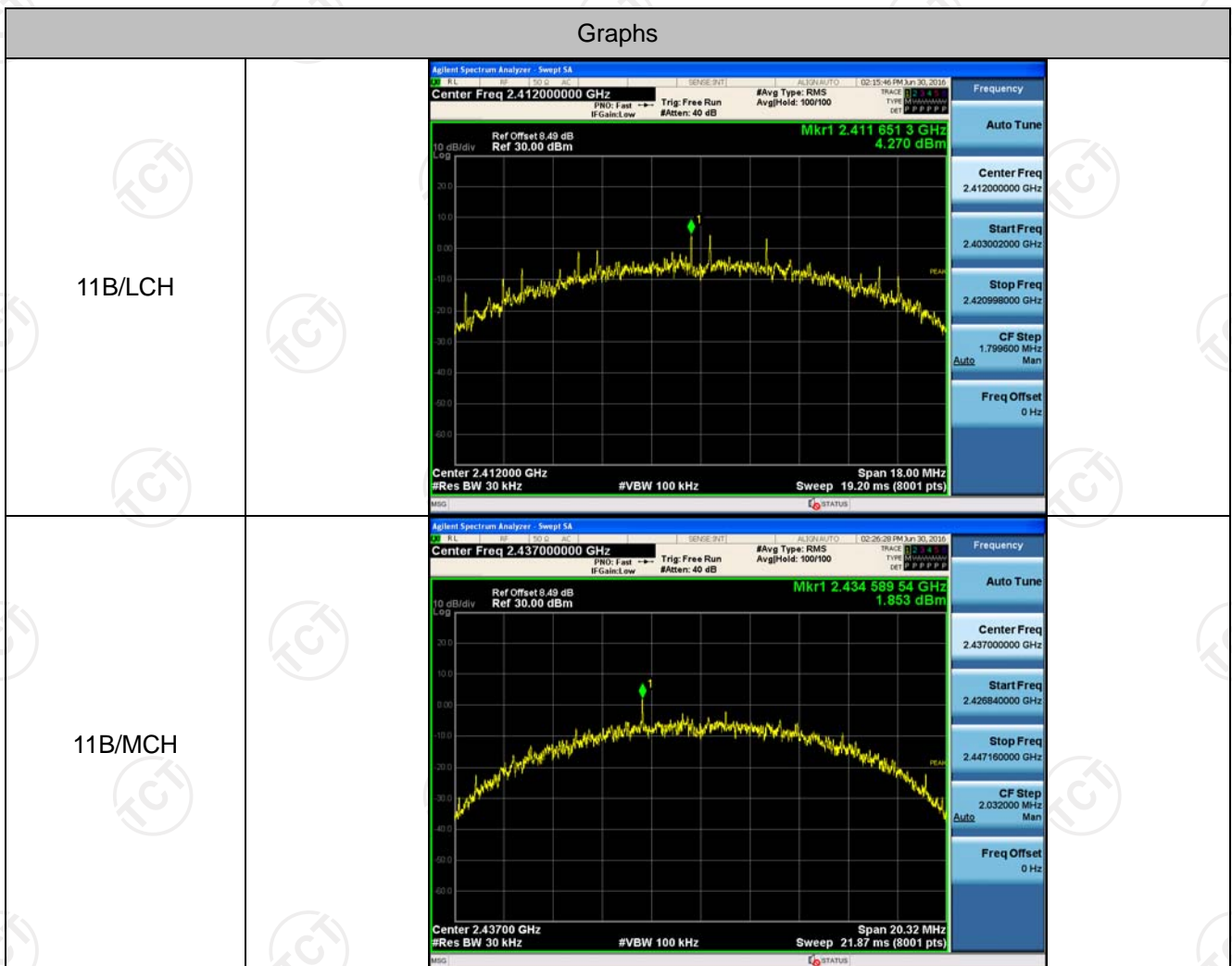
Result Table

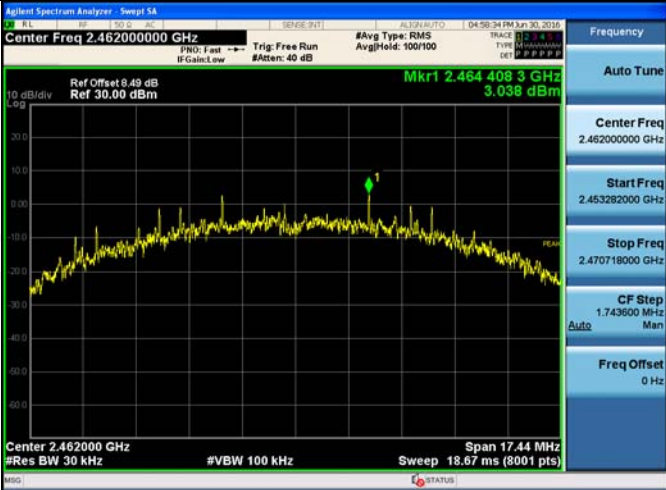
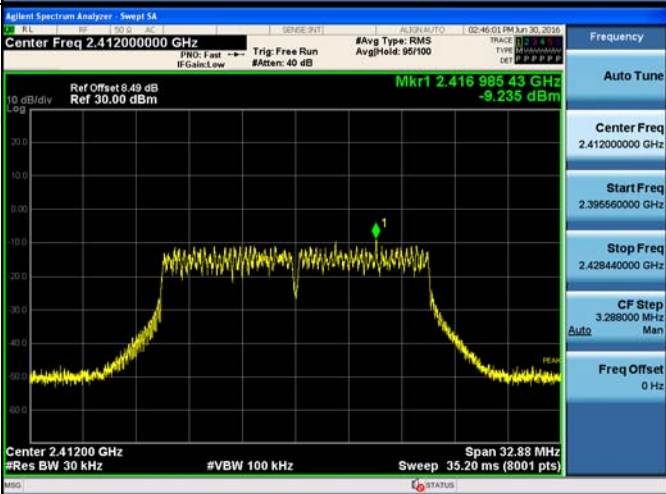

Mode	Channel	Meas.Level PSD [dBm/100KHz]	Factor 10log(30kHz/3kHz)	PSD (dBm/3KHz)	Verdict
11B	LCH	4.270	10	-5.73	PASS
11B	MCH	1.853	10	-8.147	PASS
11B	HCH	3.038	10	-6.962	PASS
11G	LCH	-9.235	10	-19.235	PASS
11G	MCH	-10.487	10	-20.487	PASS
11G	HCH	-8.392	10	-18.392	PASS
11N20SISO	LCH	-9.406	10	-19.406	PASS
11N20SISO	MCH	-10.538	10	-20.538	PASS
11N20SISO	HCH	-8.598	10	-18.598	PASS
11N40SISO	LCH	-12.492	10	-22.492	PASS
11N40SISO	MCH	-13.117	10	-23.117	PASS
11N40SISO	HCH	-11.850	10	-21.85	PASS

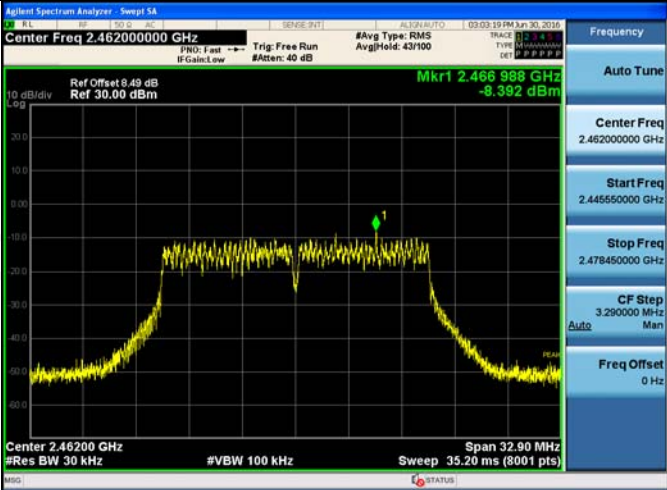
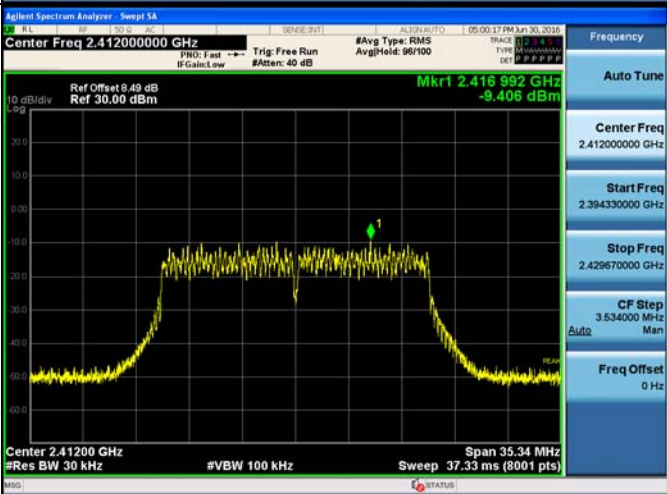
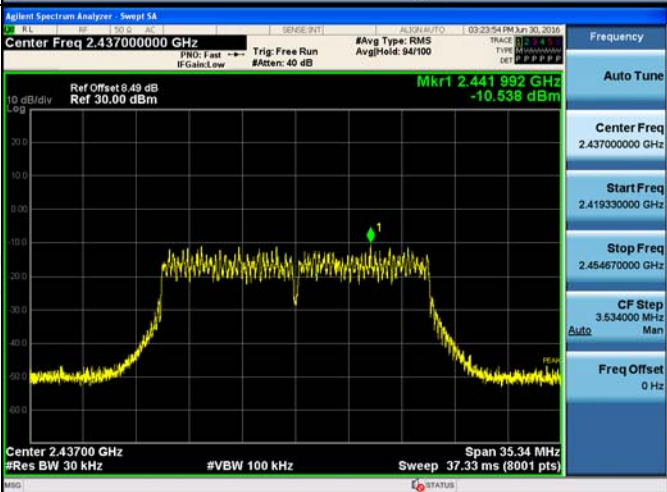
Remark: PSD [dBm/3KHz] = Meas.Level [dBm]- Factor

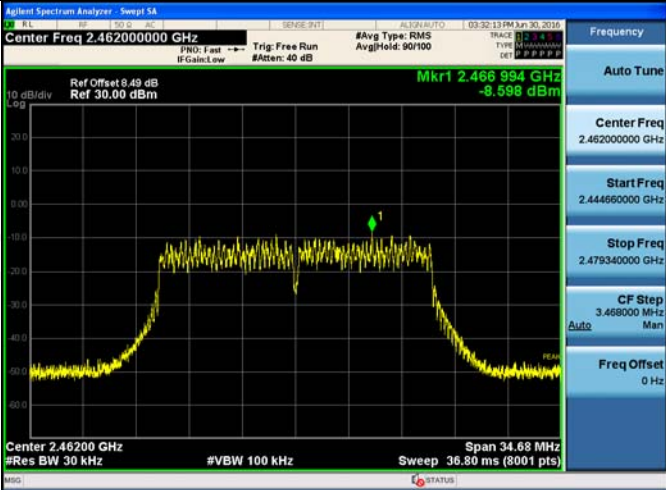
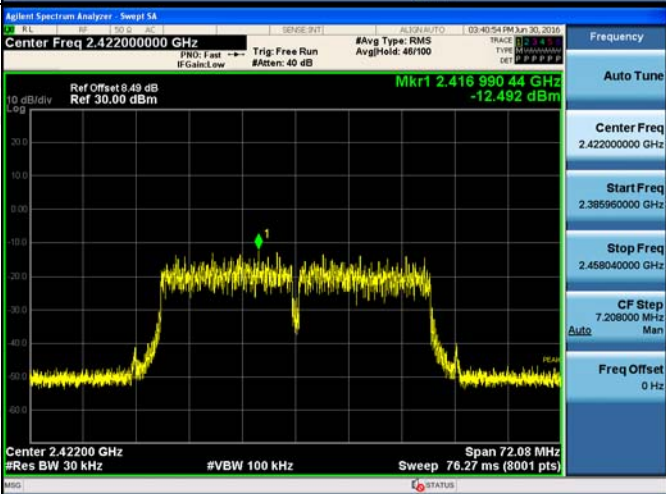
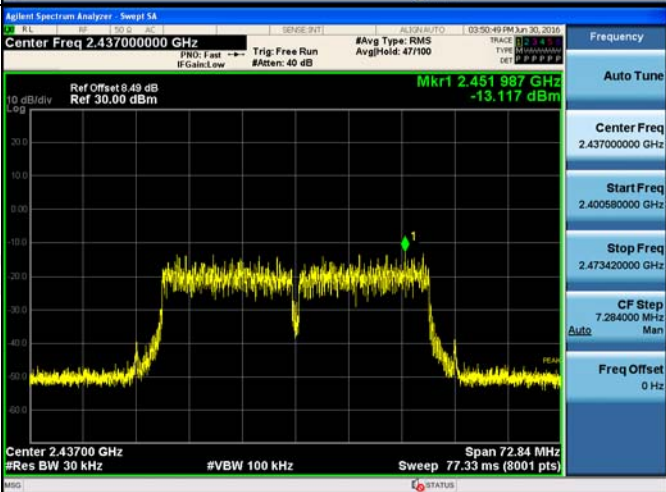
Test Graph

Graphs



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

<p>11G/HCH</p>	
<p>11N20SISO/LCH</p>	
<p>11N20SISO/MCH</p>	

<p>11N20SISO/HCH</p>	
<p>11N40SISO/LCH</p>	
<p>11N40SISO/MCH</p>	

11N40SISO/HCH

