

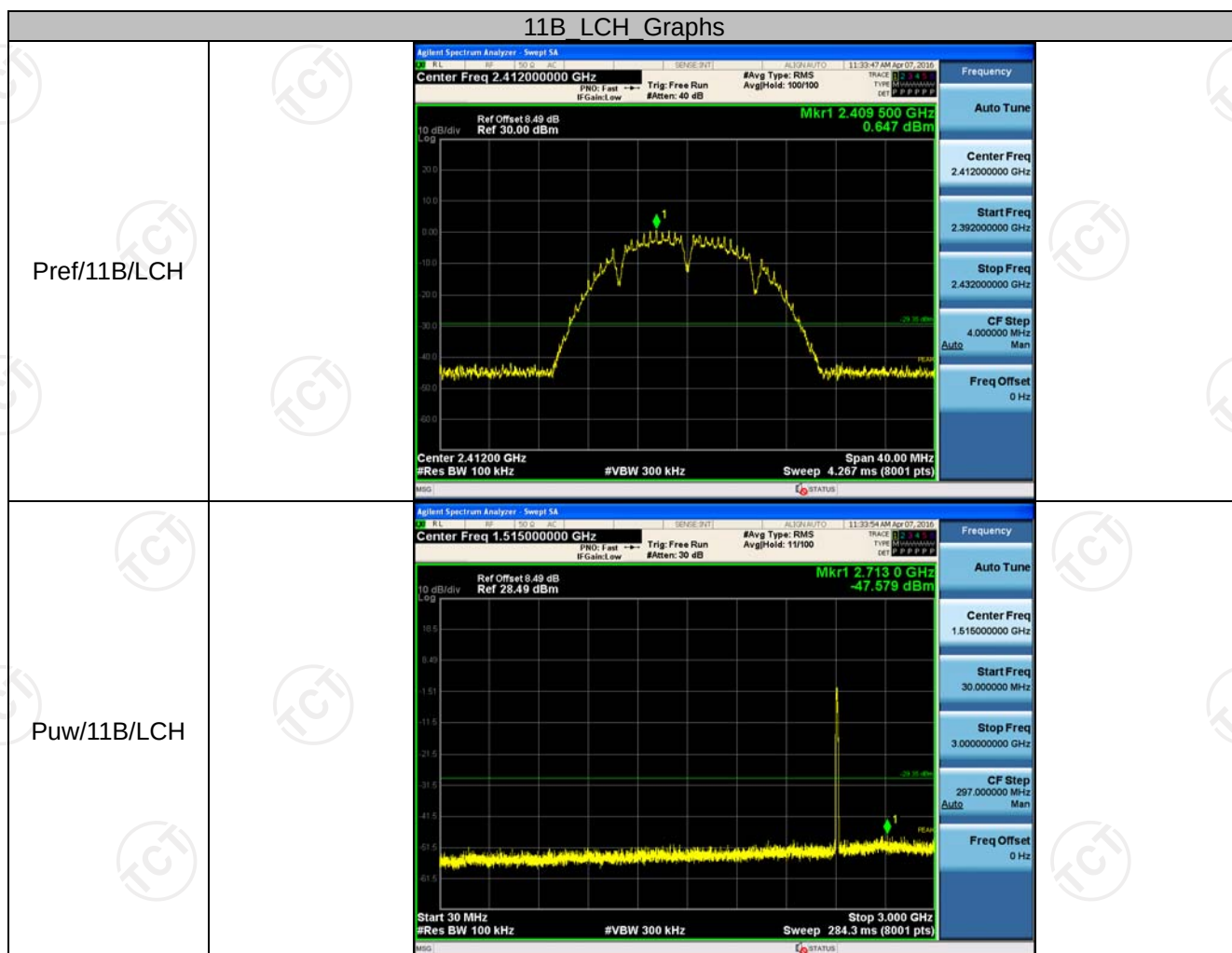
RF Conducted Spurious Emissions

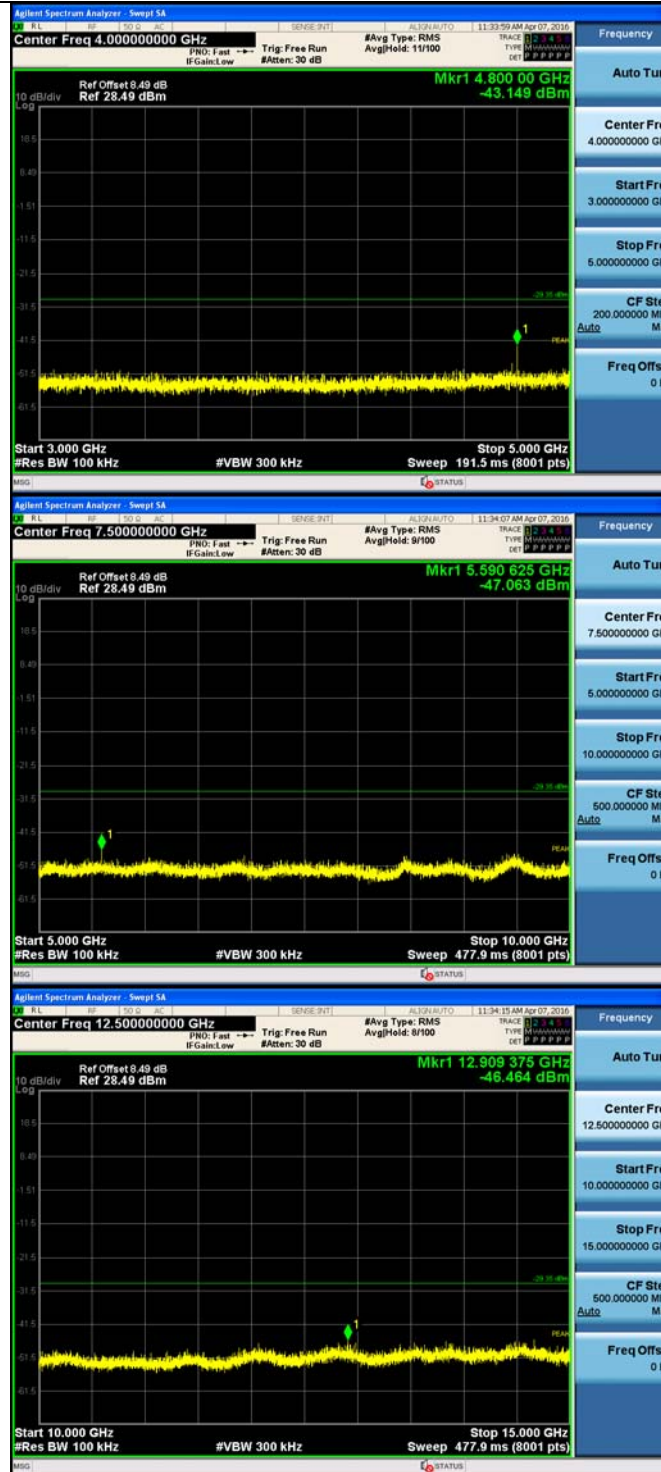
Result Table

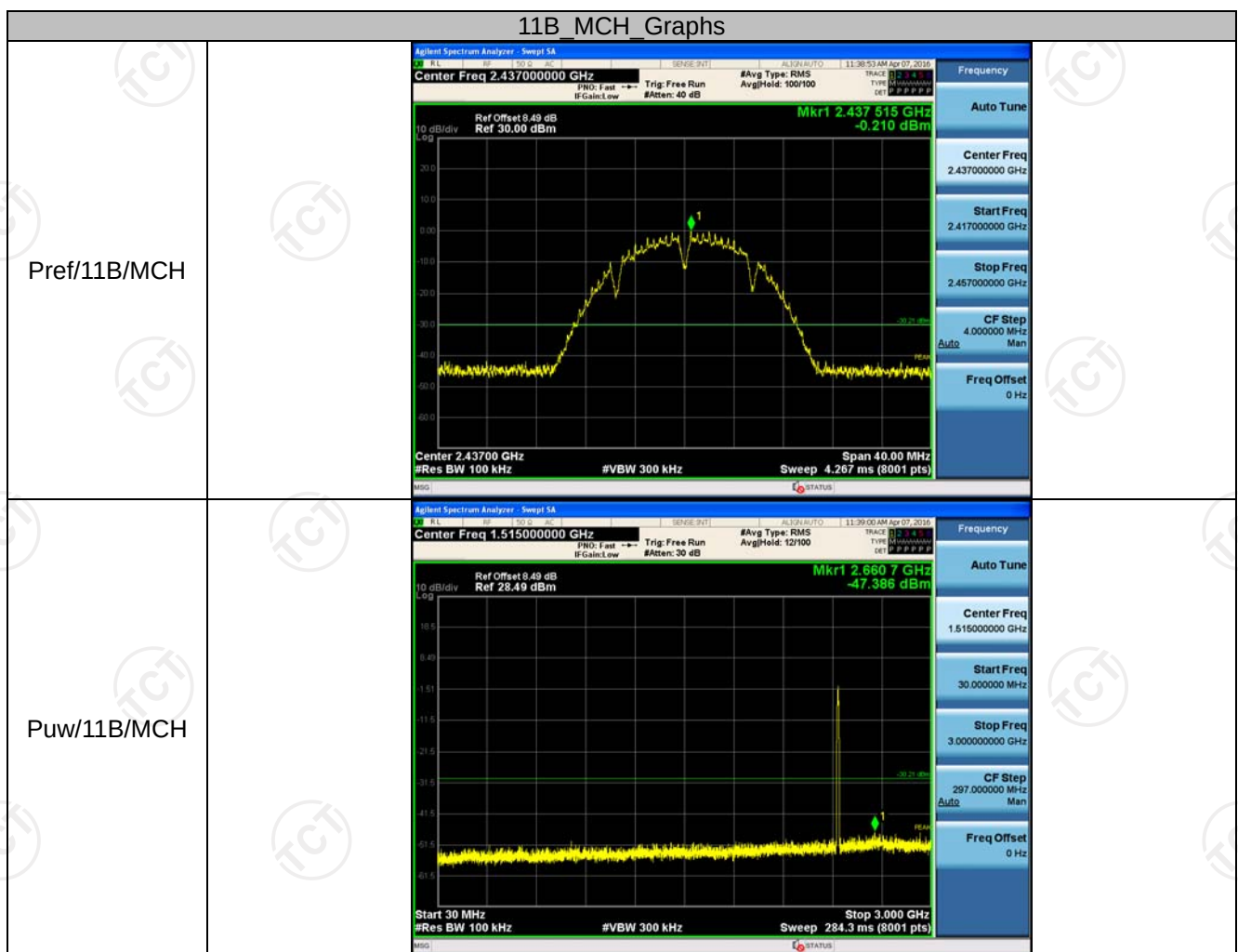
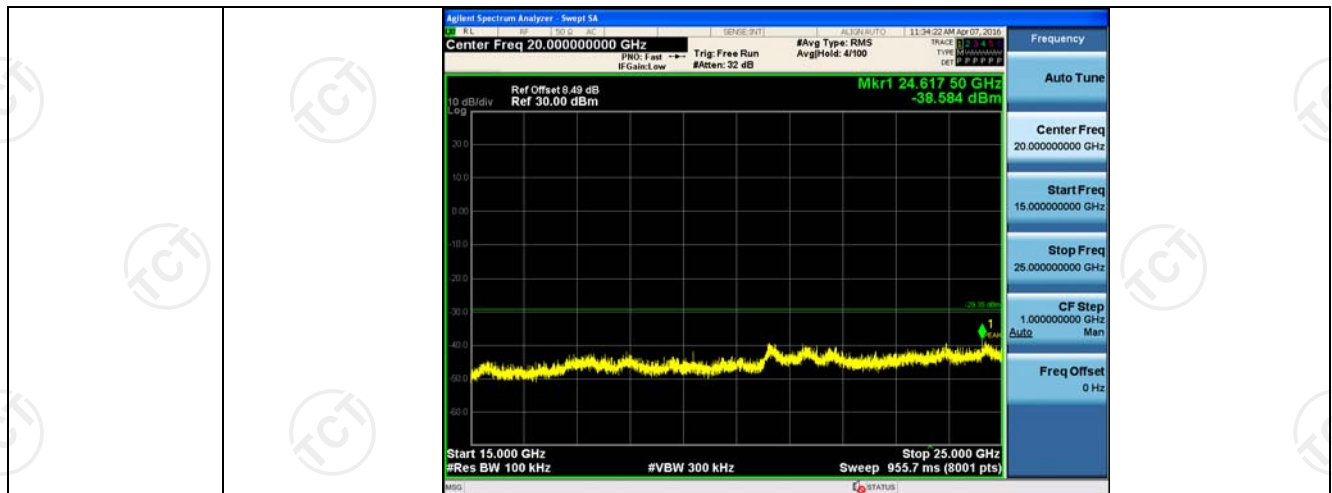
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
11B	LCH	0.647	<Limit	PASS
11B	MCH	-0.21	<Limit	PASS
11B	HCH	-0.833	<Limit	PASS
11G	LCH	-1.473	<Limit	PASS
11G	MCH	-2.458	<Limit	PASS
11G	HCH	-1.275	<Limit	PASS
11N20SISO	LCH	-1.758	<Limit	PASS
11N20SISO	MCH	-1.44	<Limit	PASS
11N20SISO	HCH	-0.992	<Limit	PASS
11N40SISO	LCH	-5.335	<Limit	PASS
11N40SISO	MCH	-5.117	<Limit	PASS
11N40SISO	HCH	-6.097	<Limit	PASS

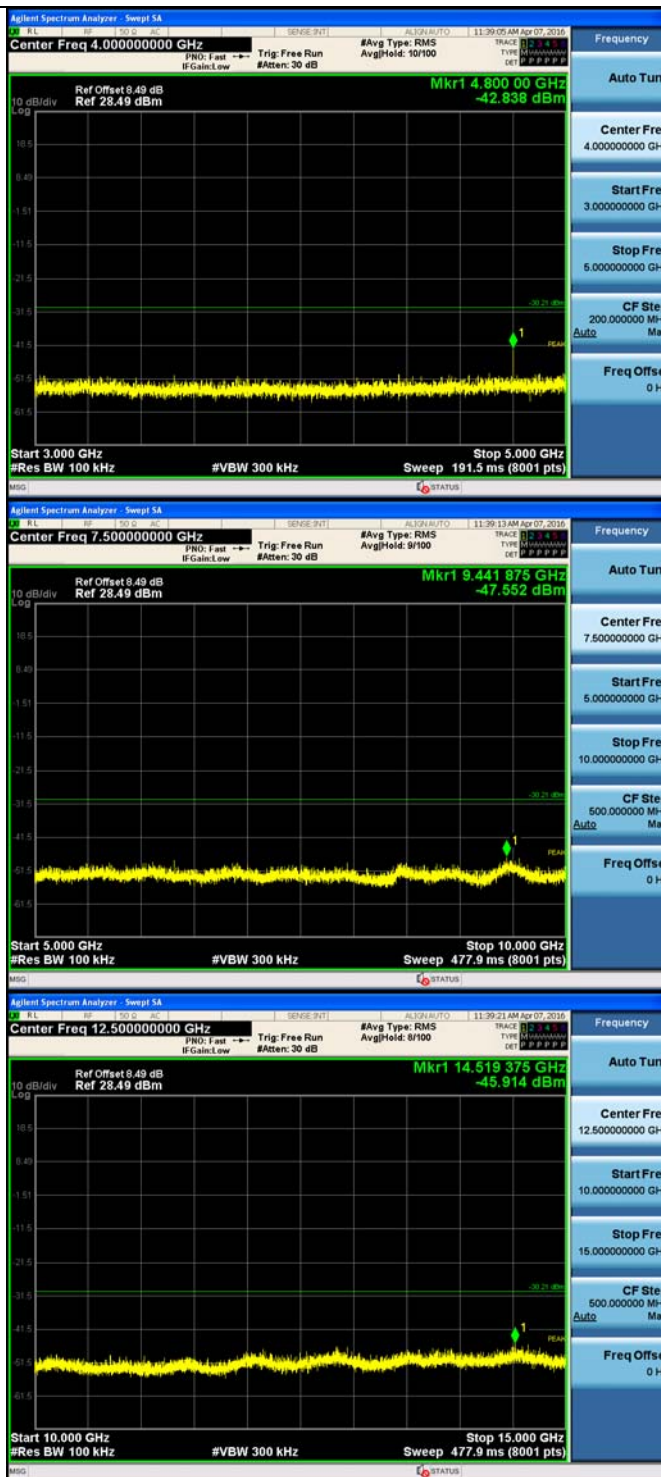
Comply with 30dBc

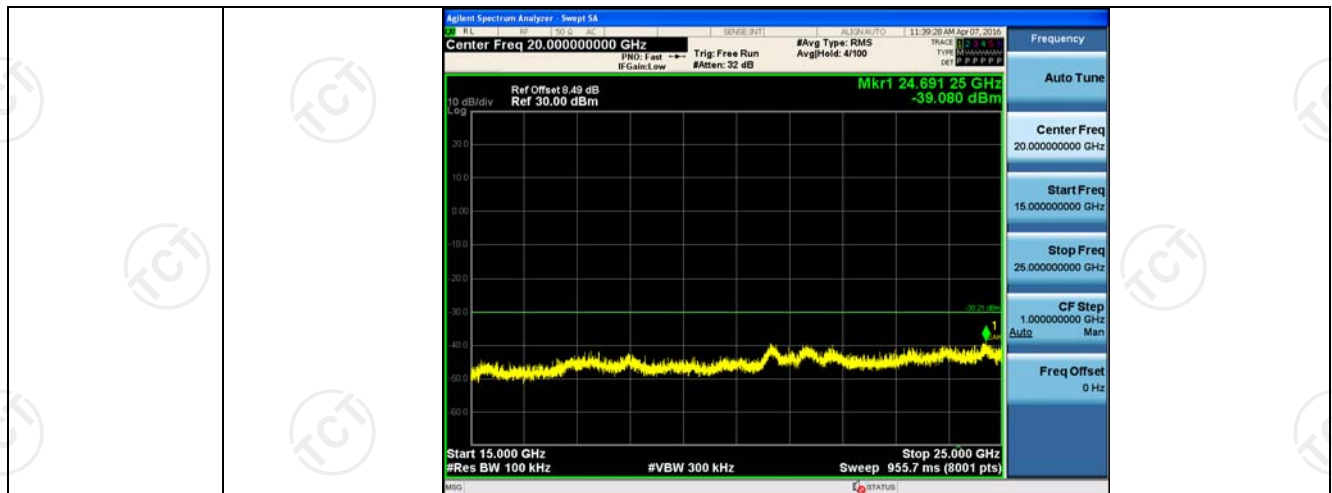
Test Graph



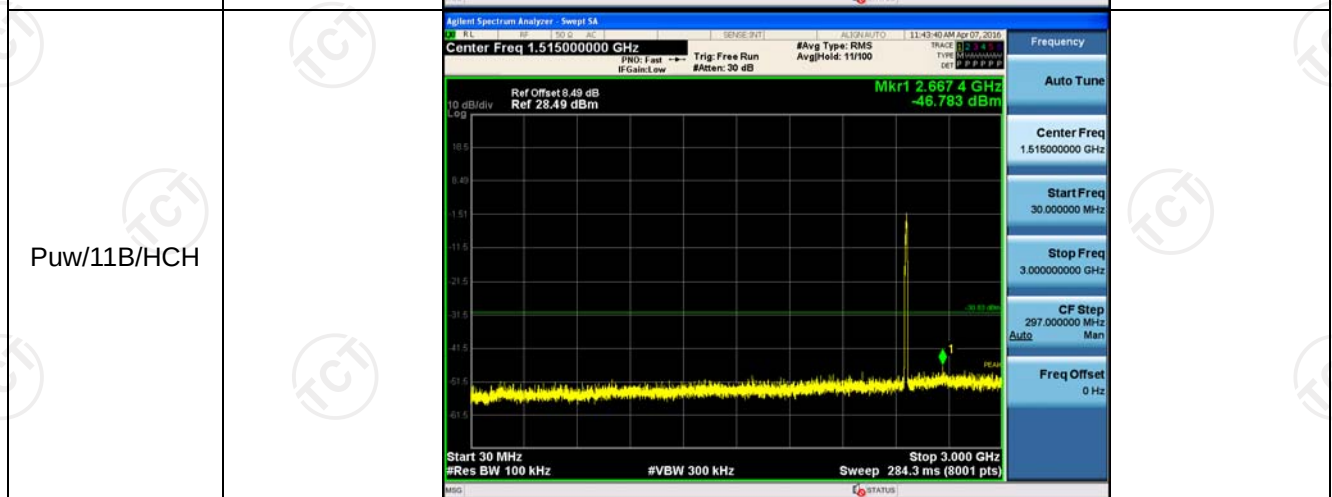
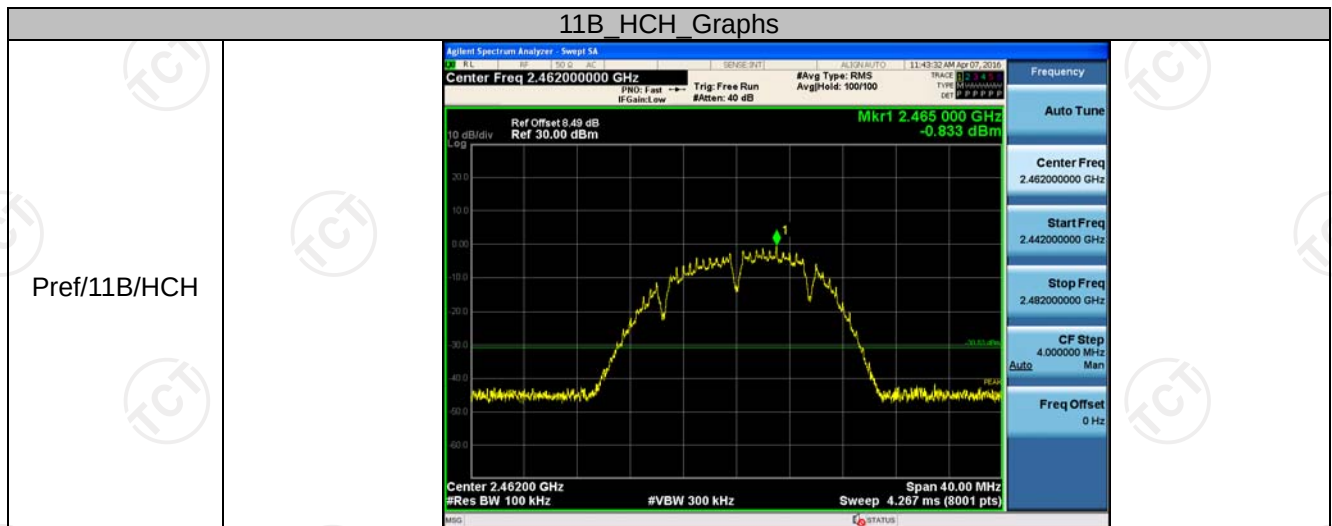


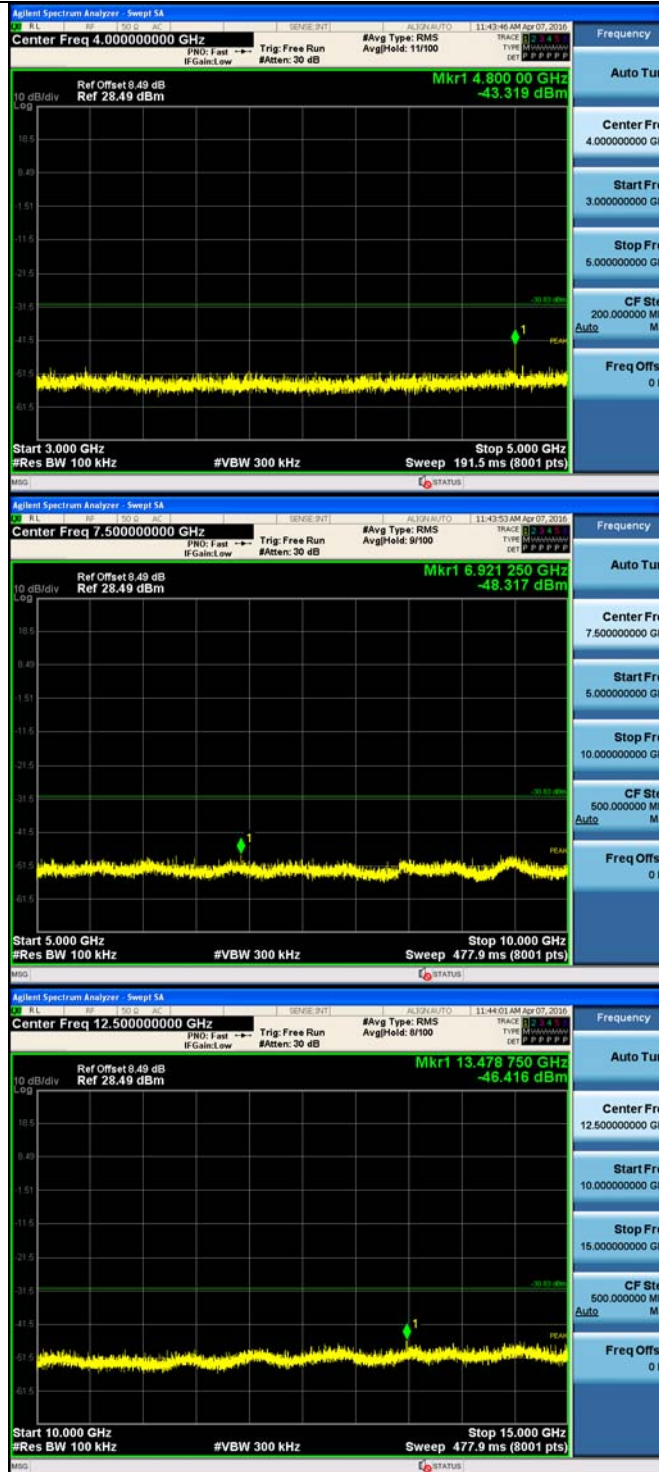


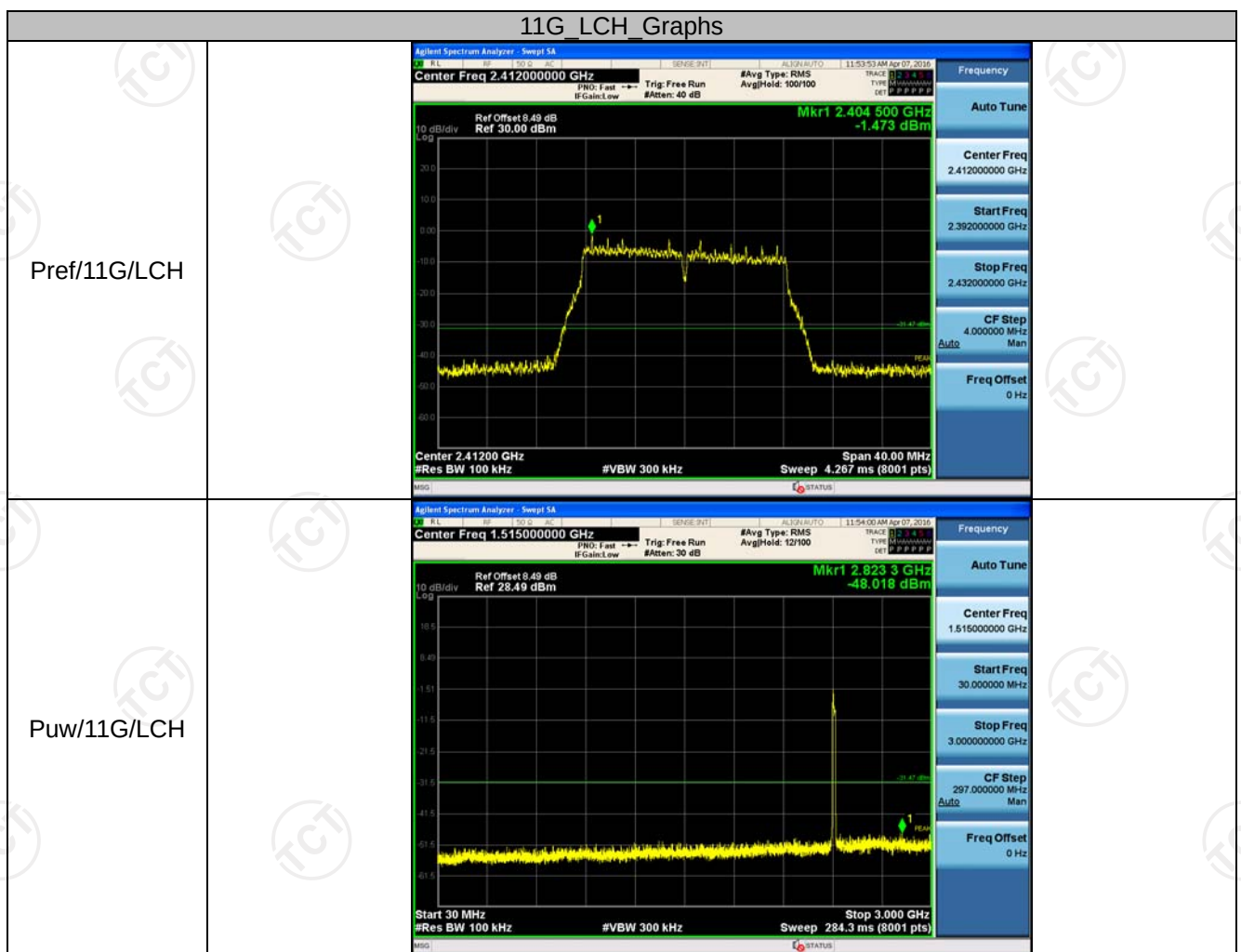
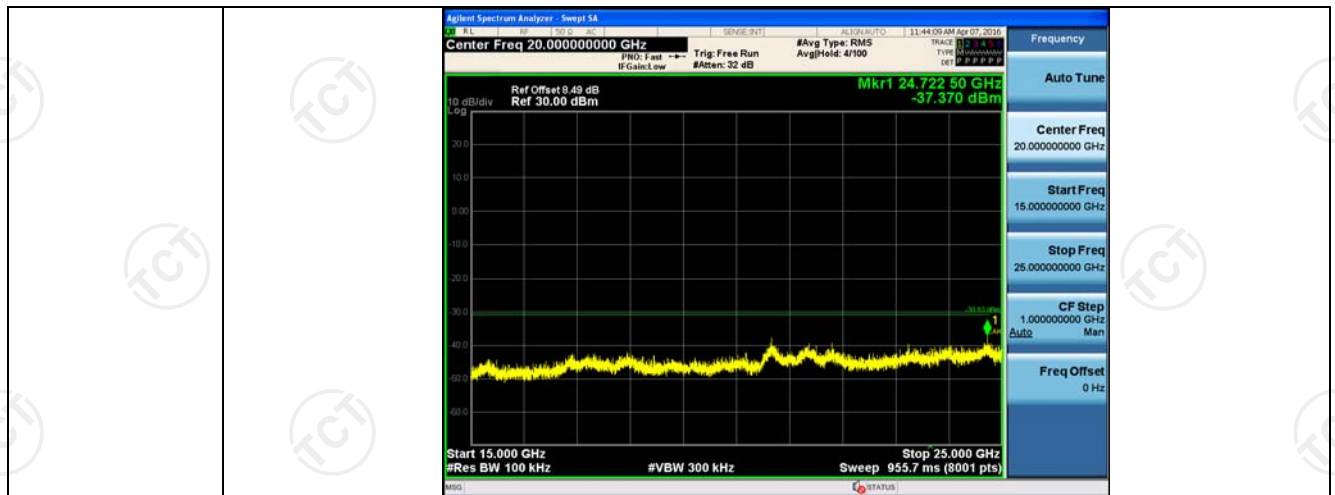


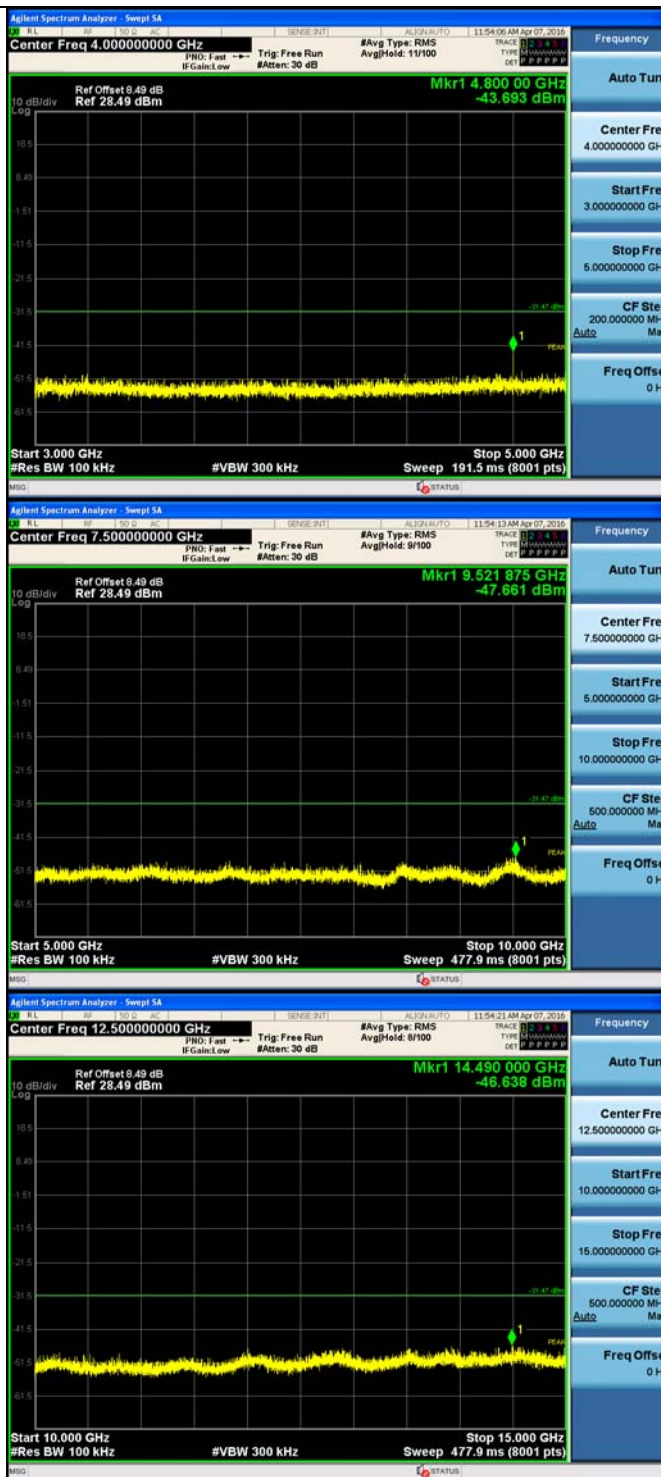


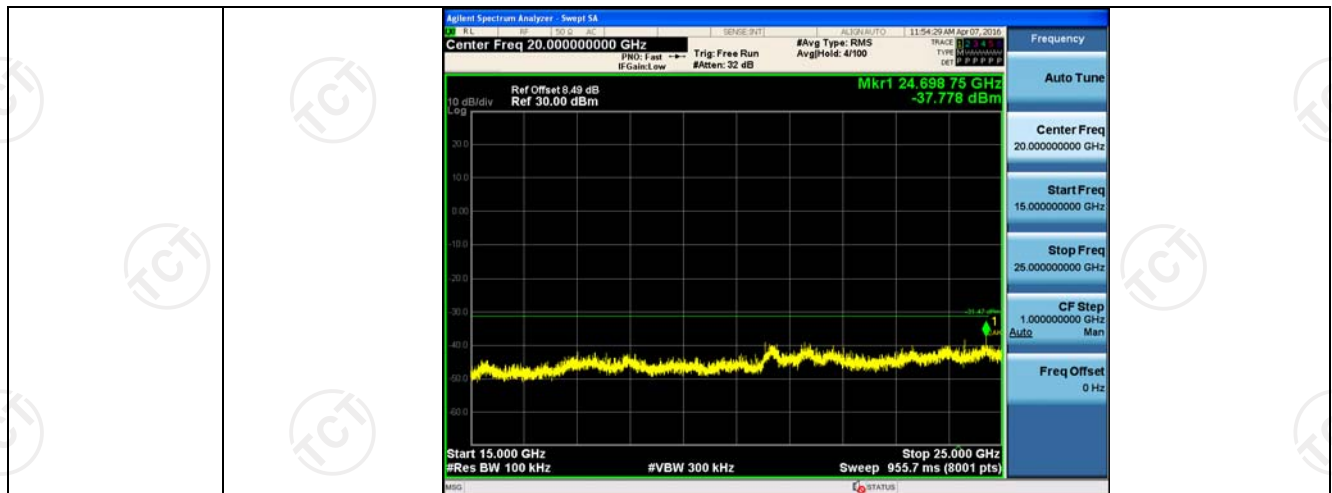
11B_HCH_Graphs



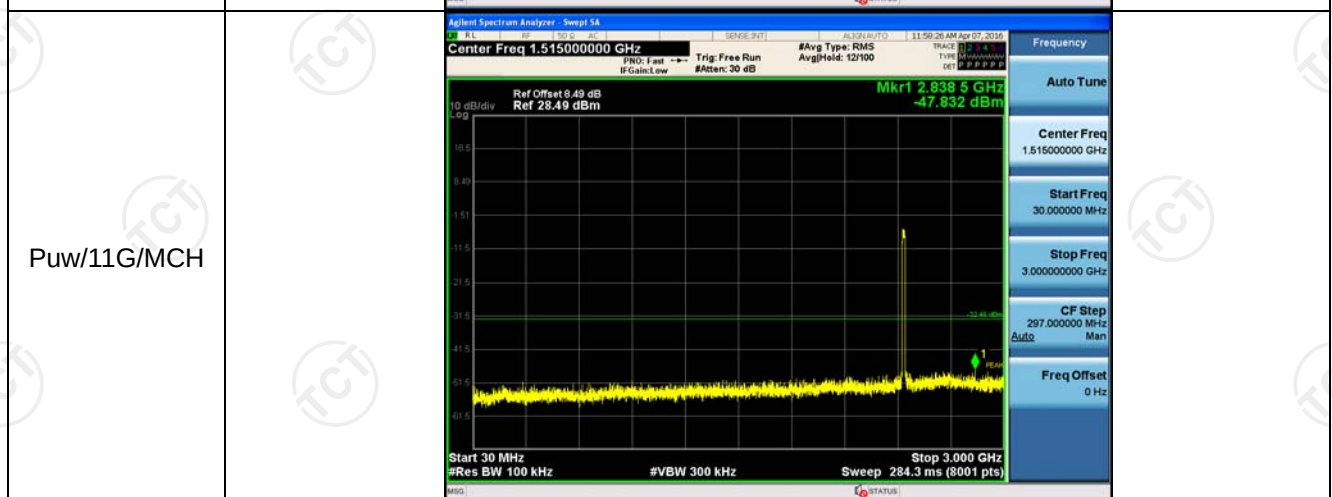
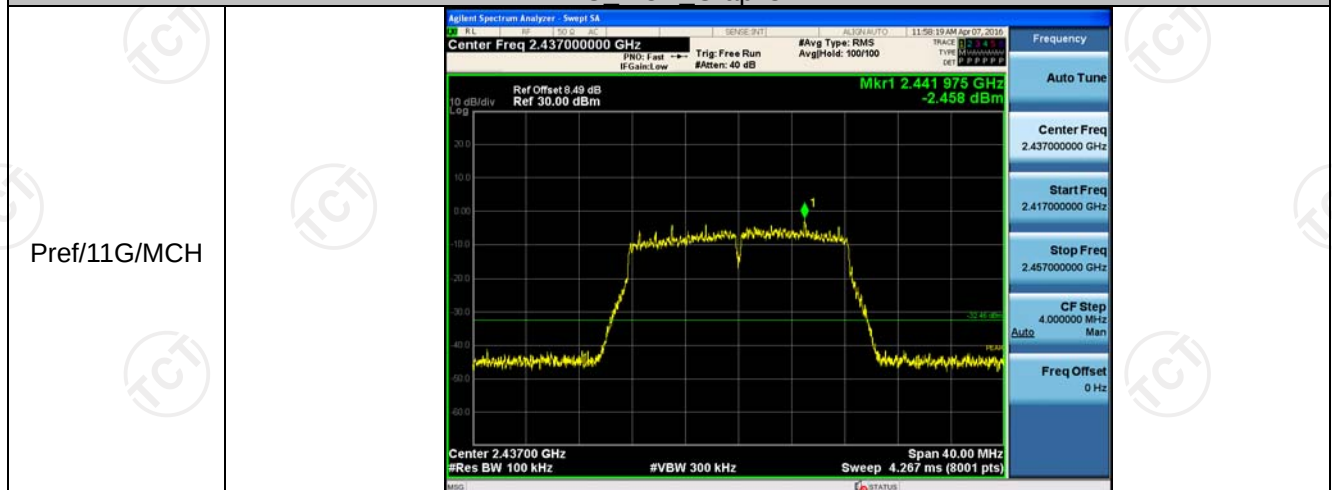


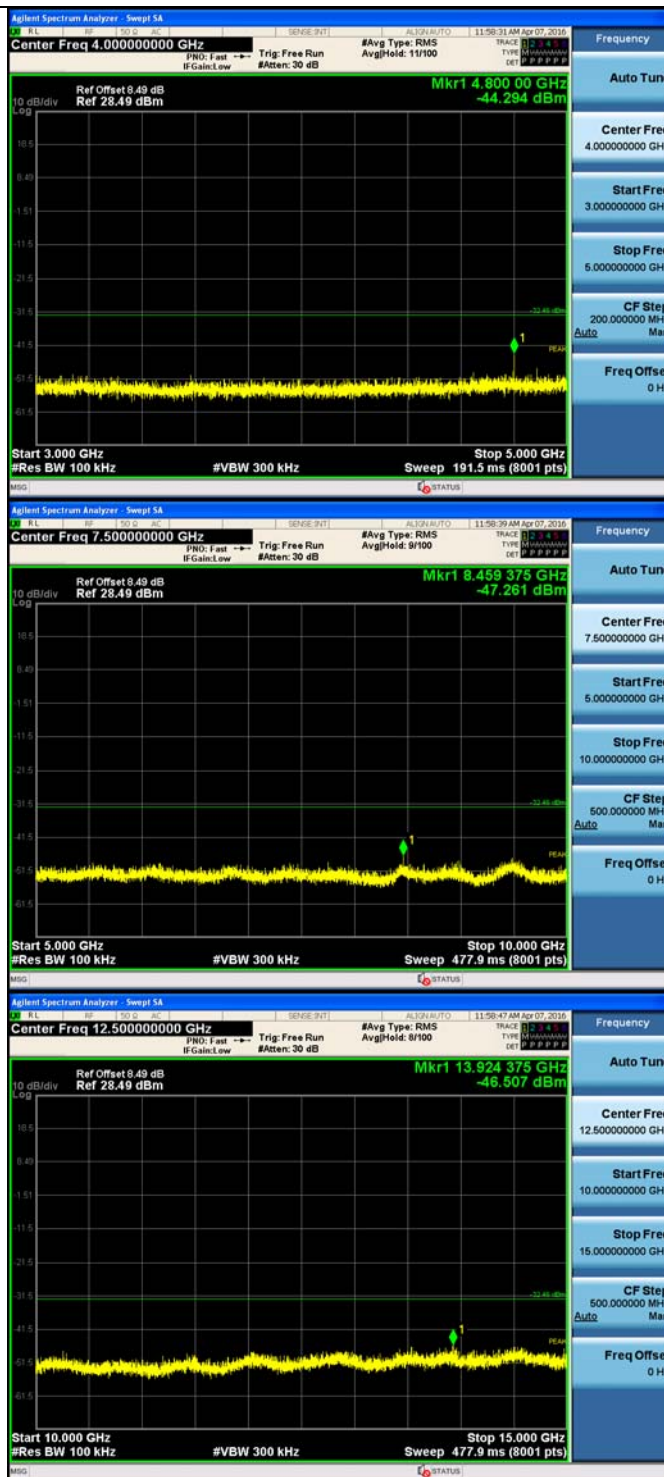


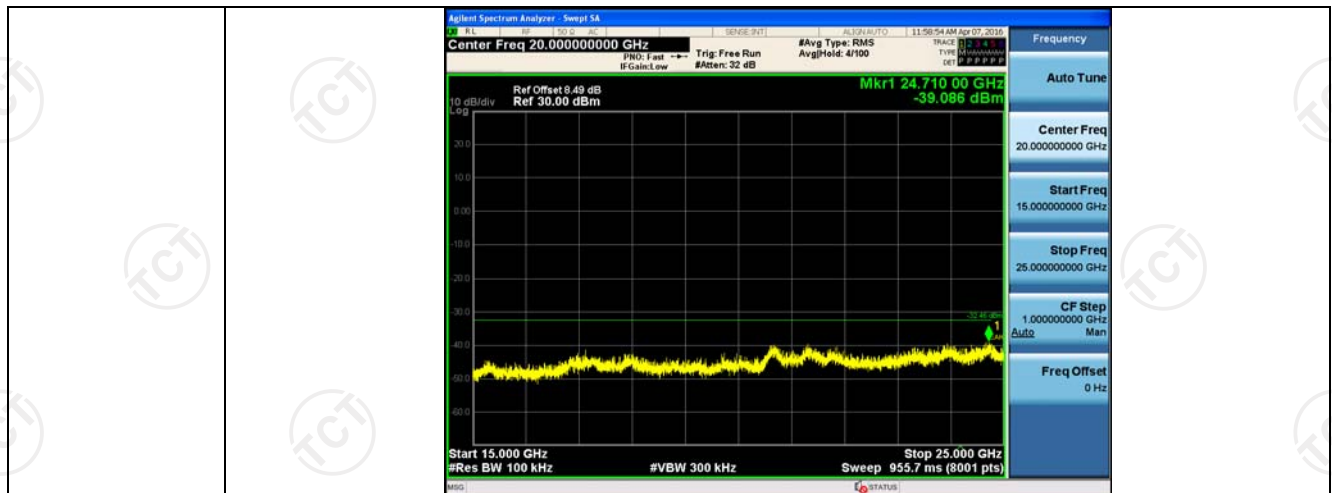




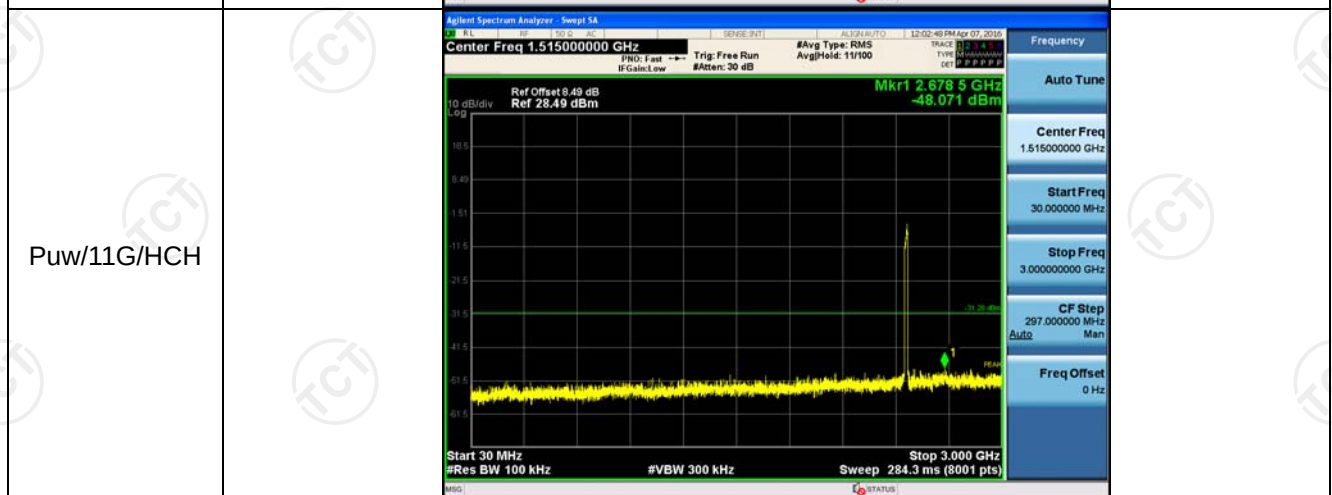
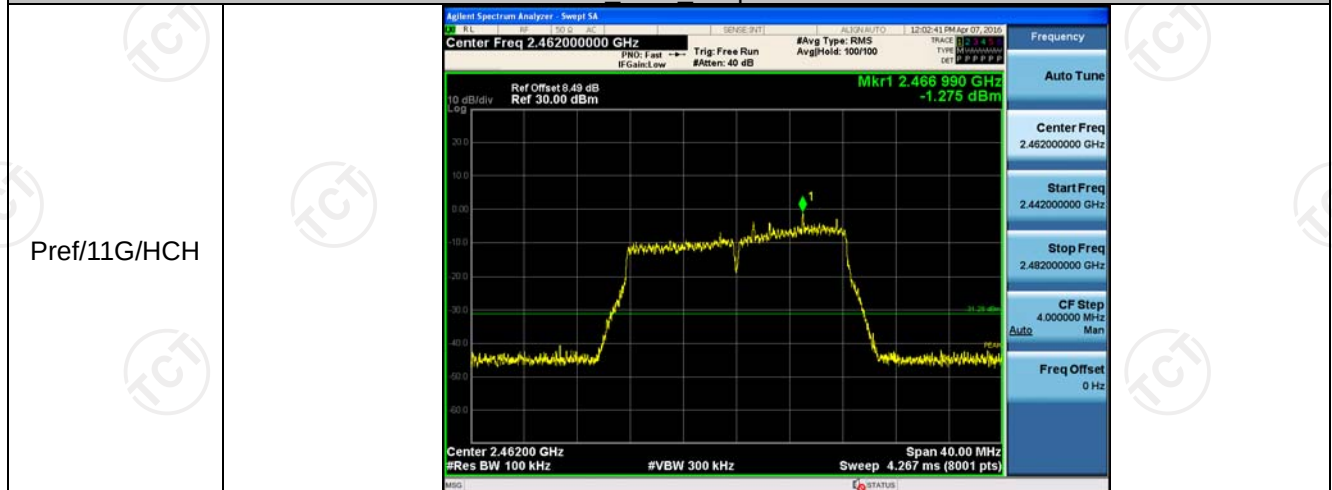
11G MCH Graphs

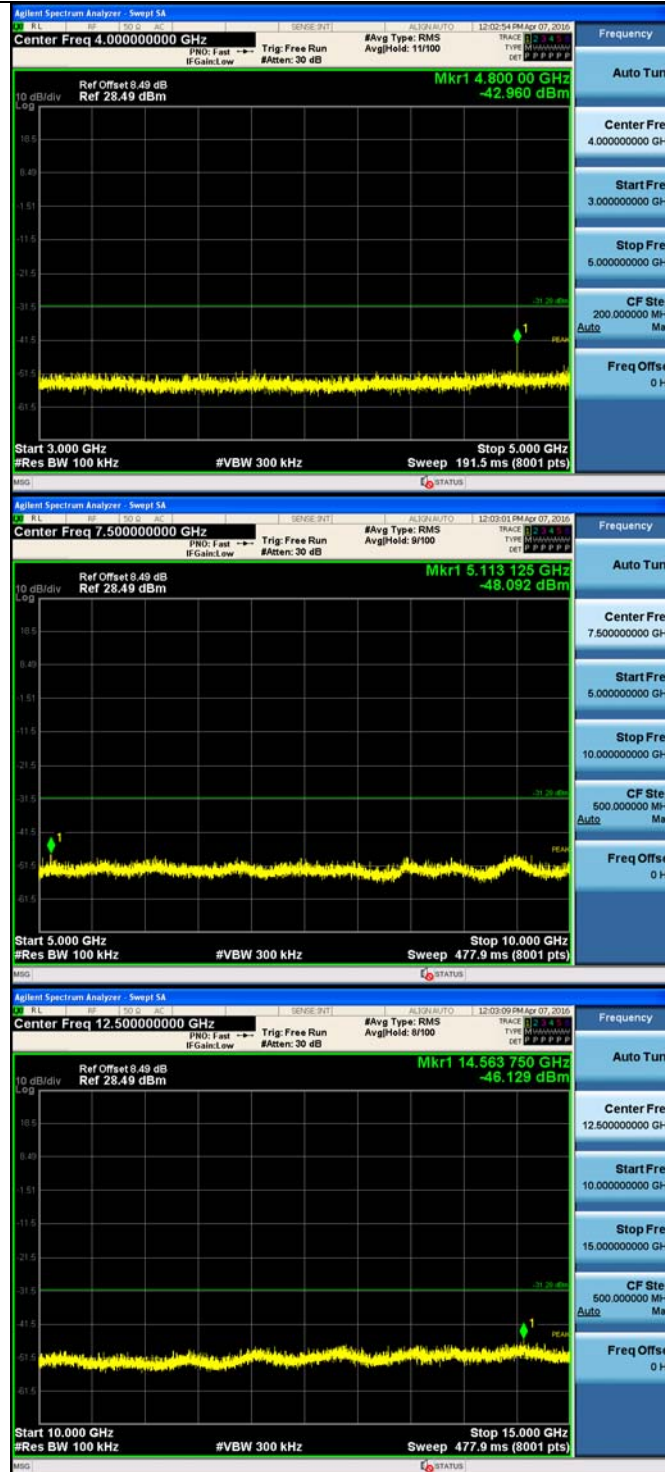


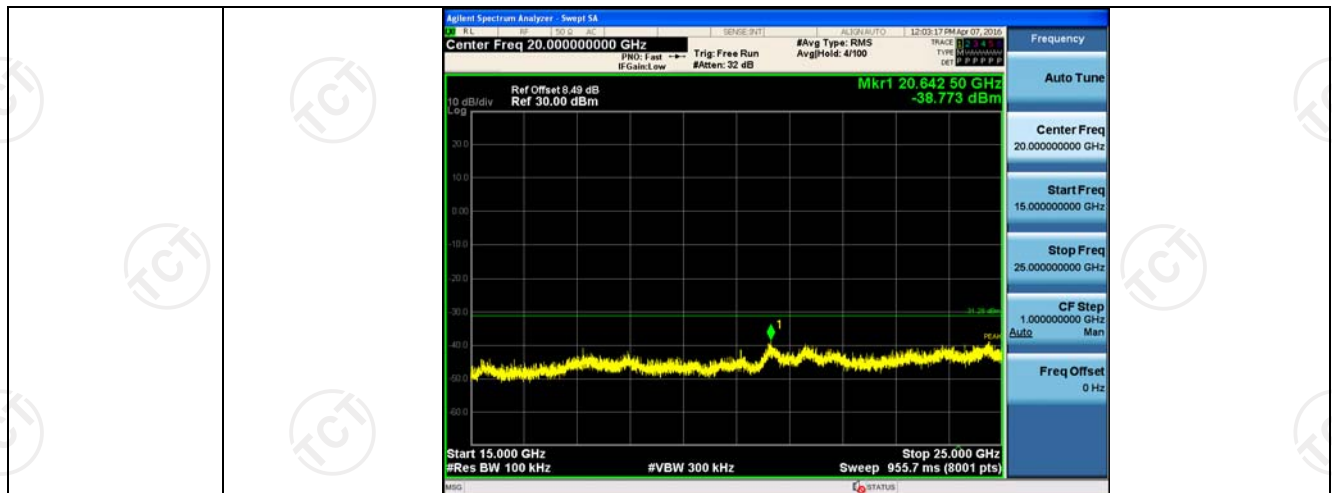




11G HCH Graphs

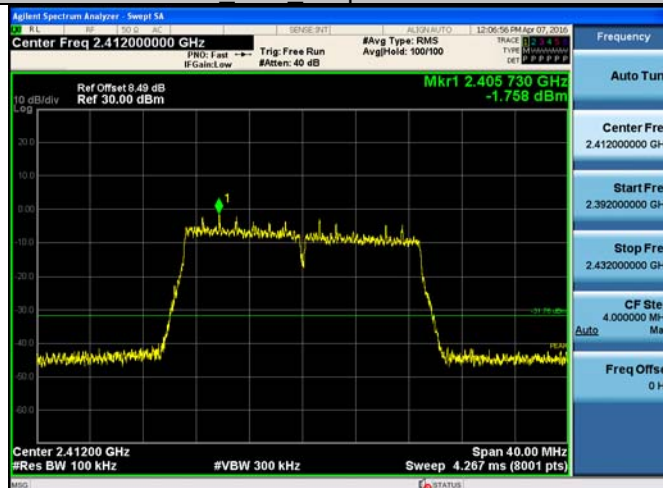




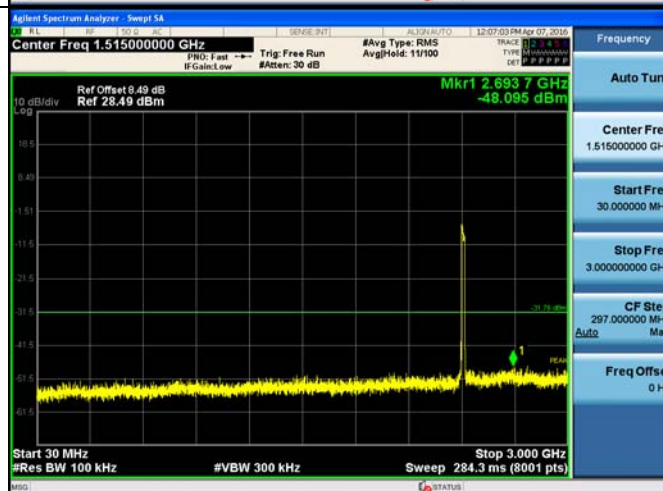


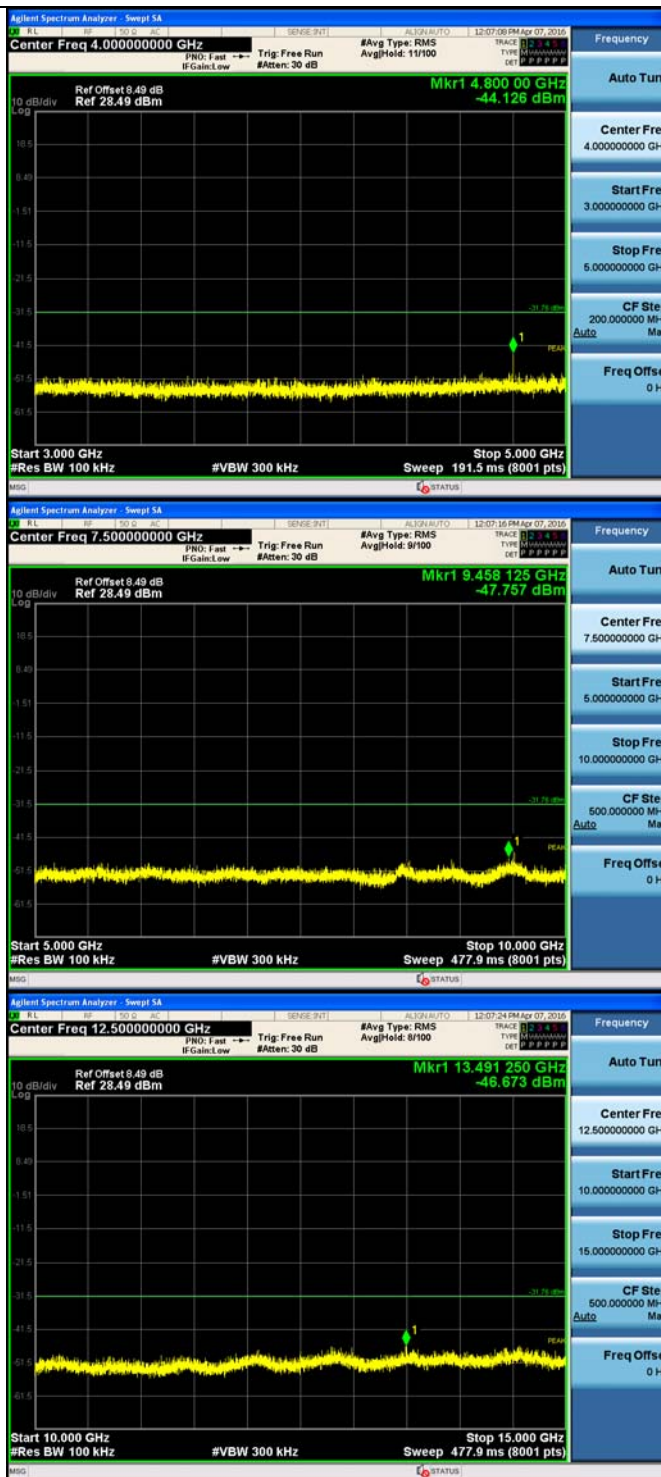
11N20SISO LCH Graphs

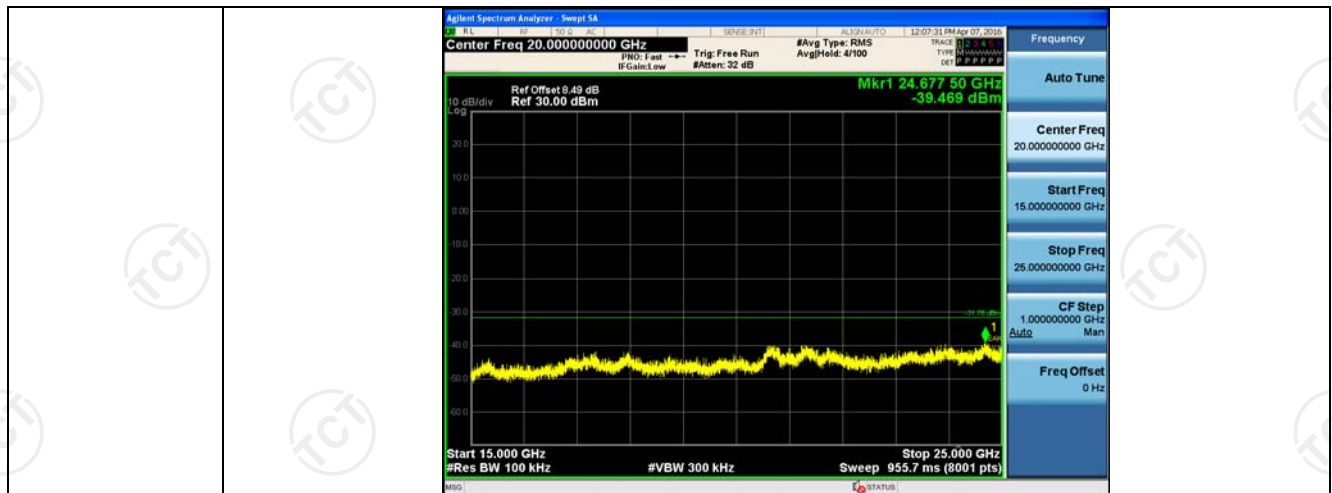
Pref/11N20SIS
O/LCH



/11N20SISO/L
CH

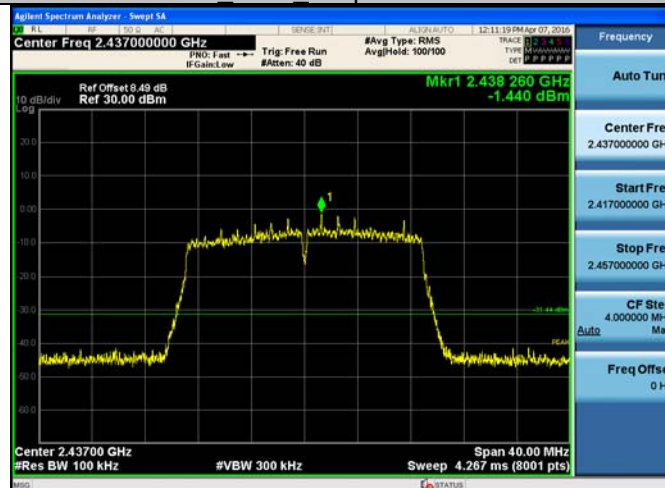




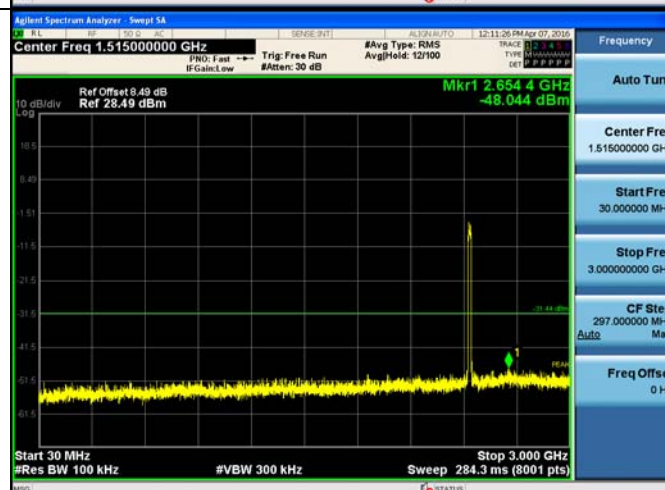


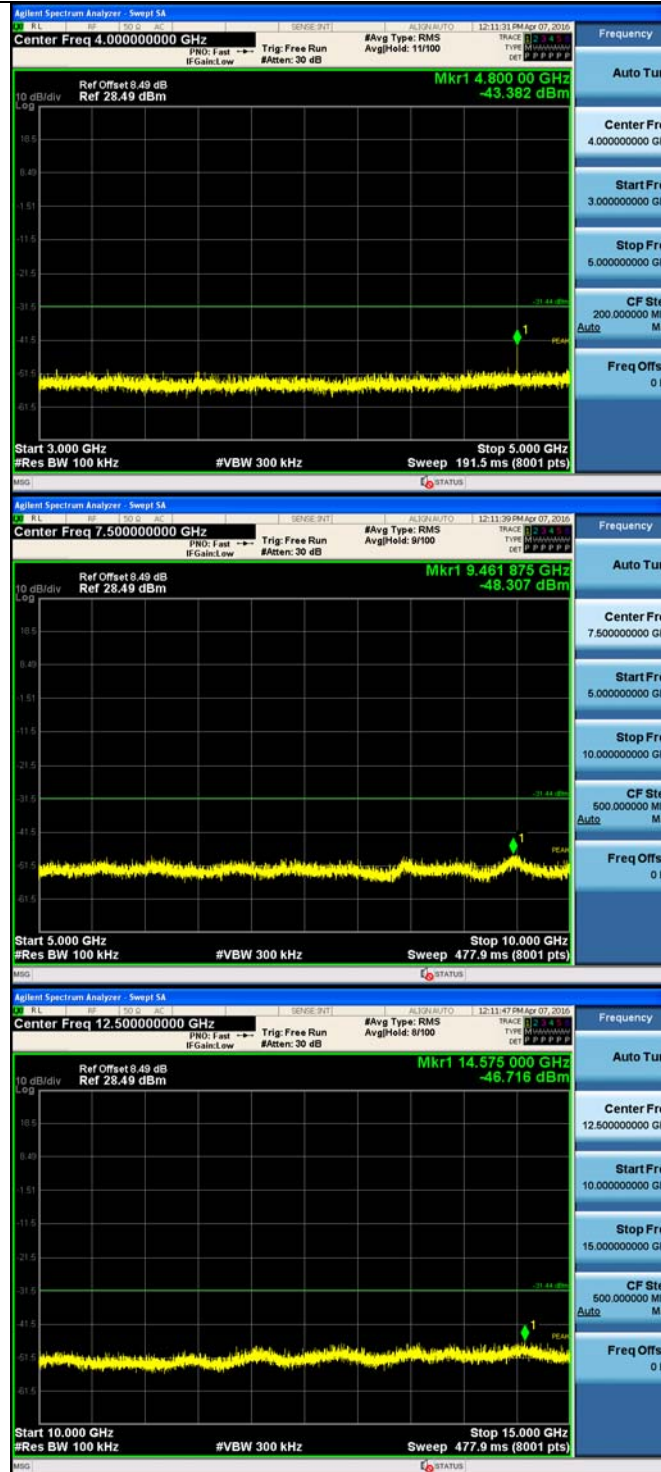
11N20SISO MCH Graphs

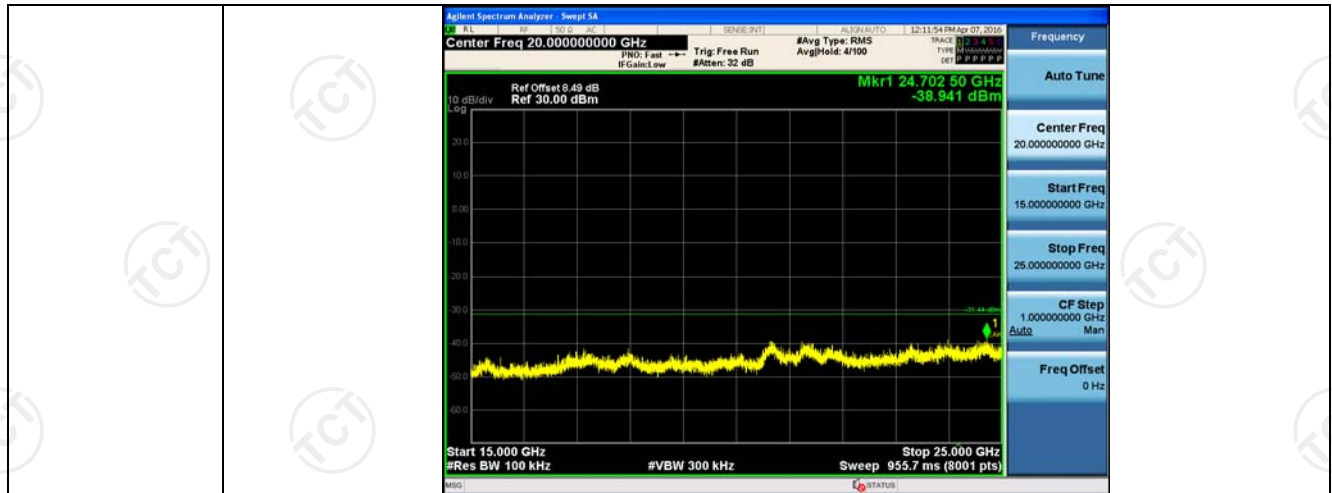
Pref/11N20SIS
O/MCH



Puw/11N20SIS
O/MCH

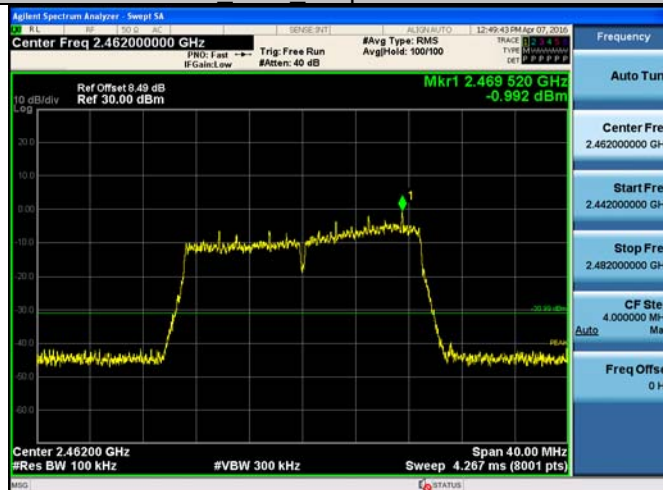




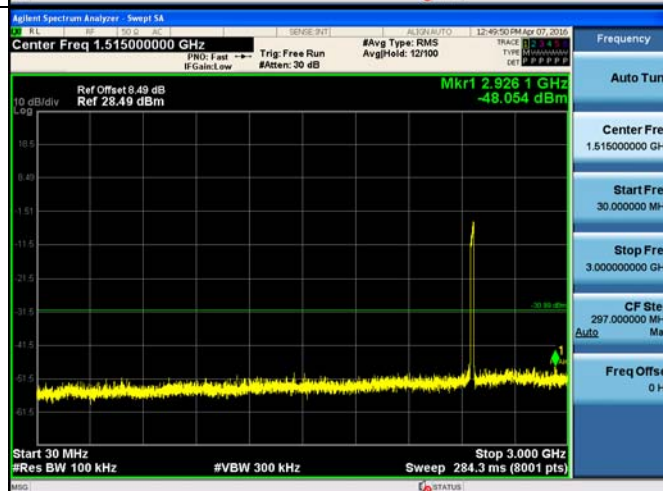


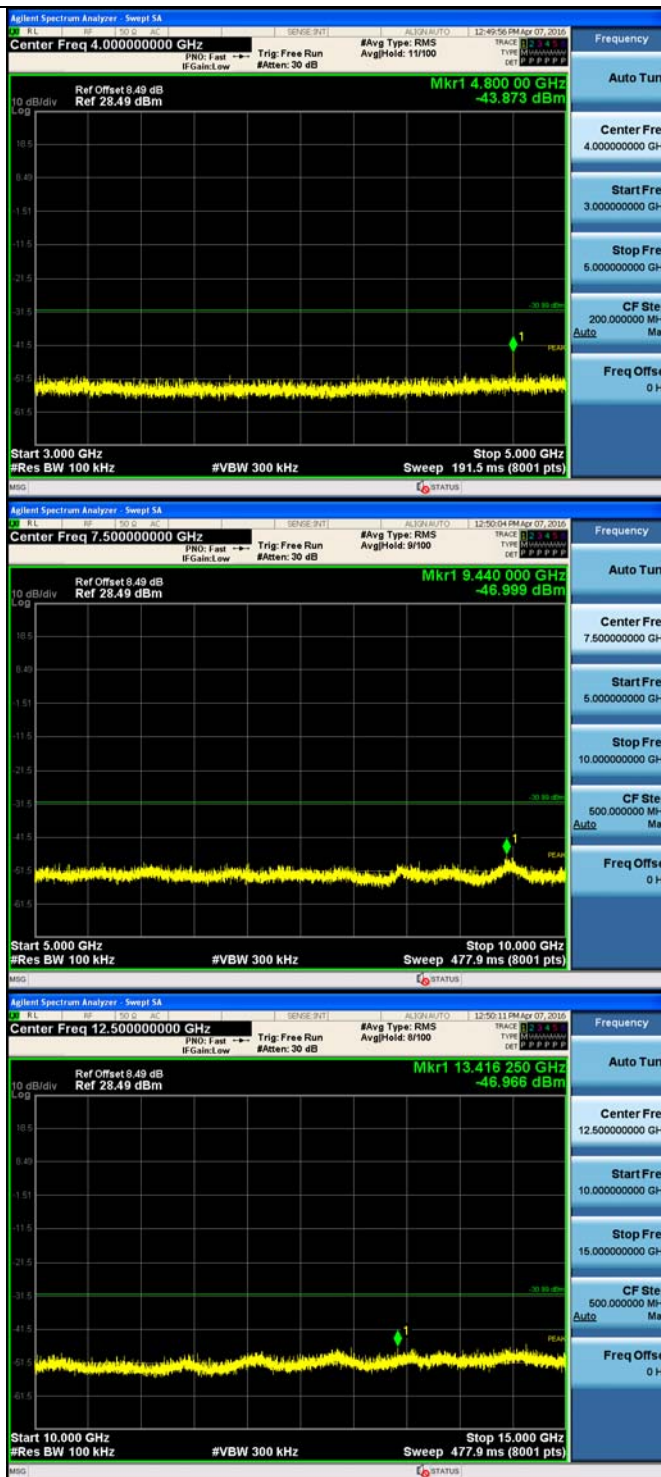
11N20SISO HCH Graphs

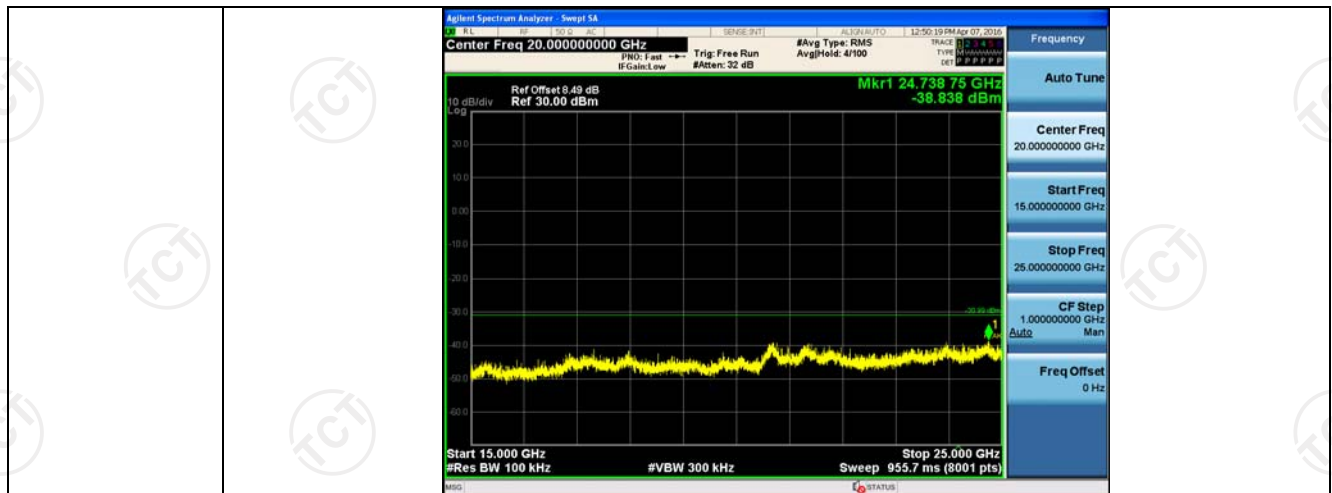
Pref/11N20SIS
O/HCH



Puw/11N20SIS
O/HCH

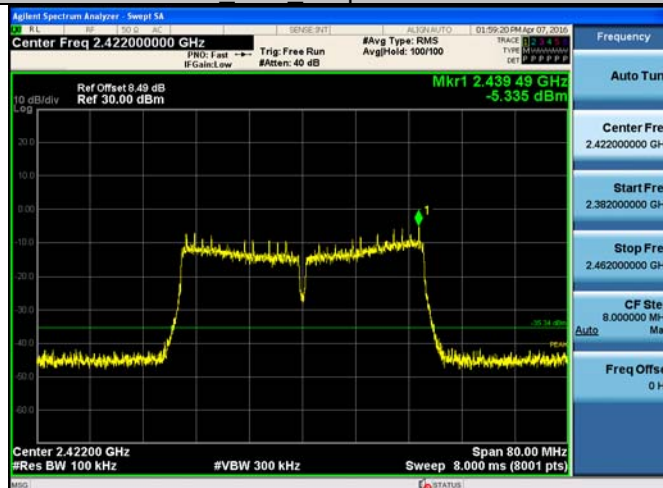




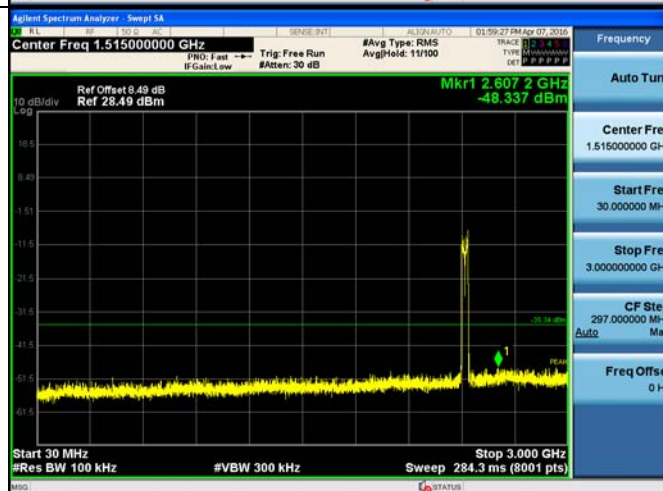


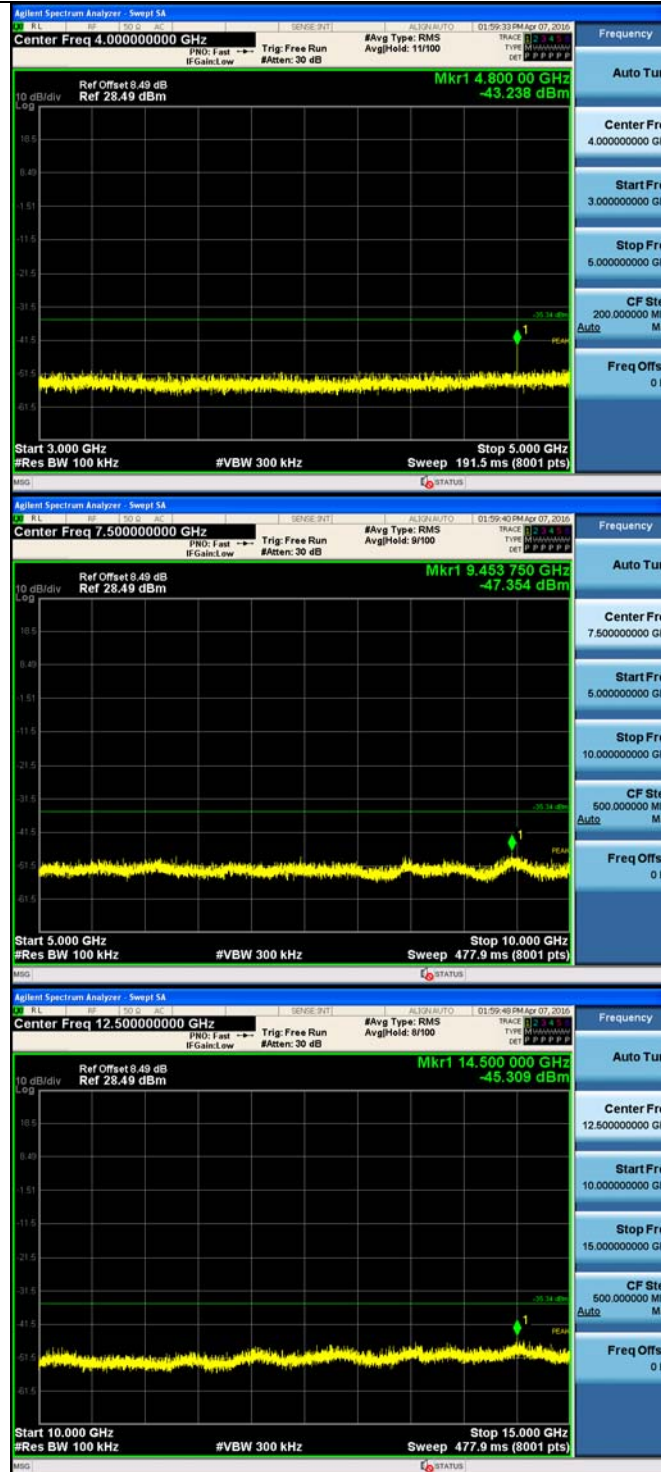
11N40SISO LCH Graphs

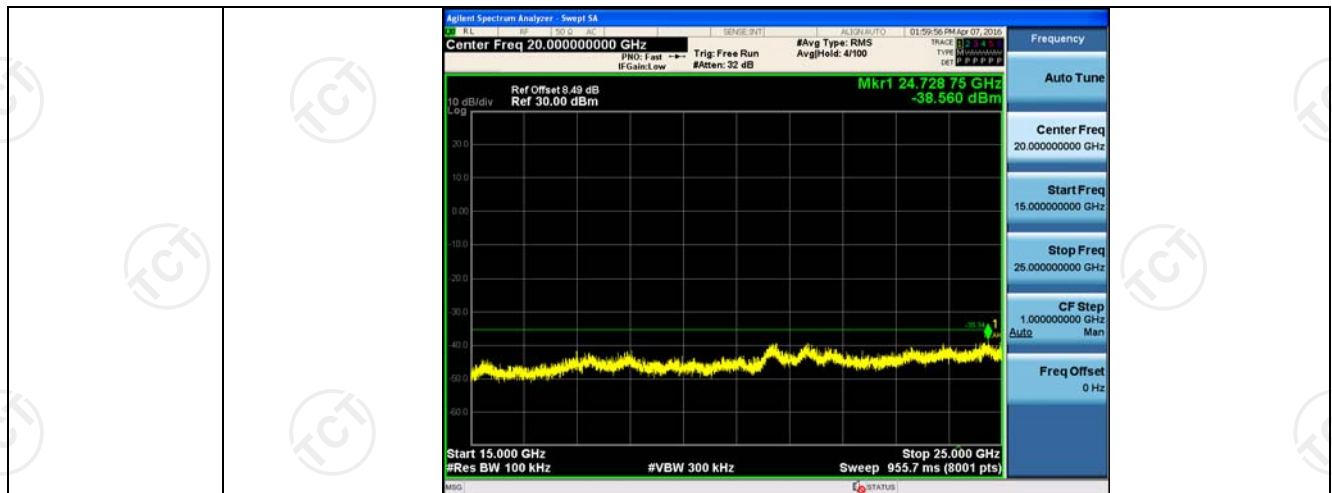
Pref/11N40SIS
O/LCH



Puw/11N40SIS
O/LCH

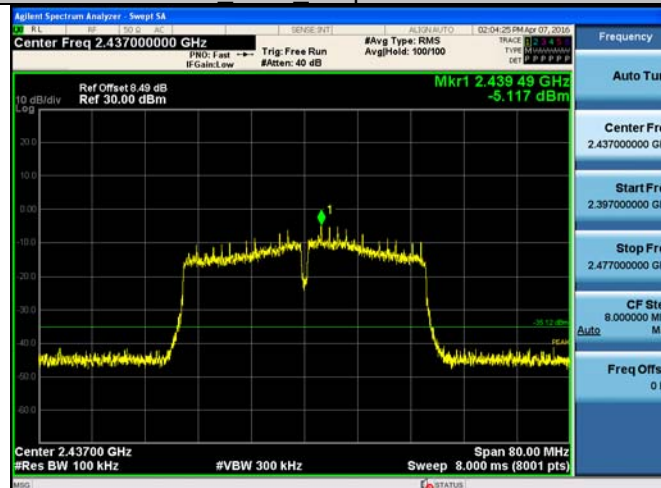




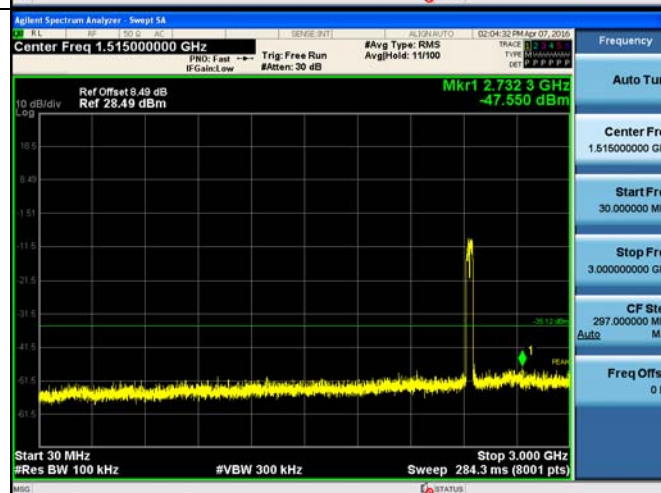


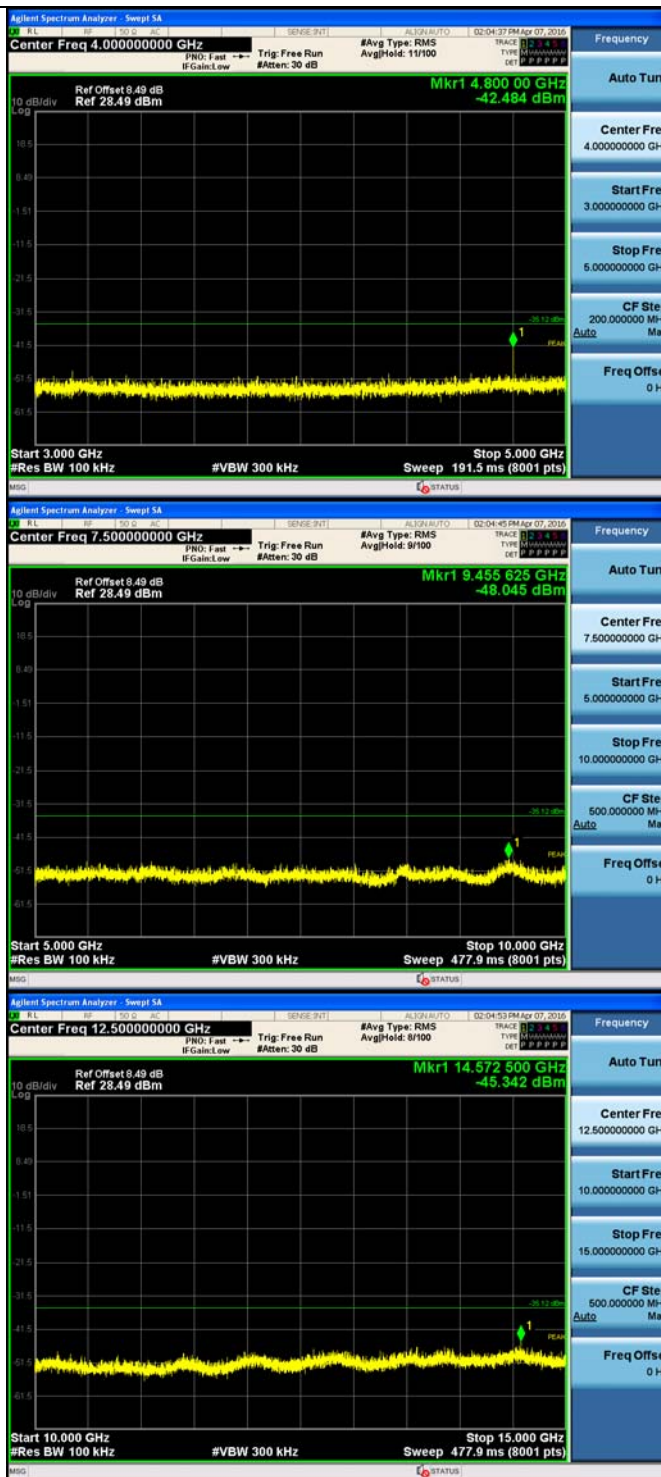
11N40SISO MCH Graphs

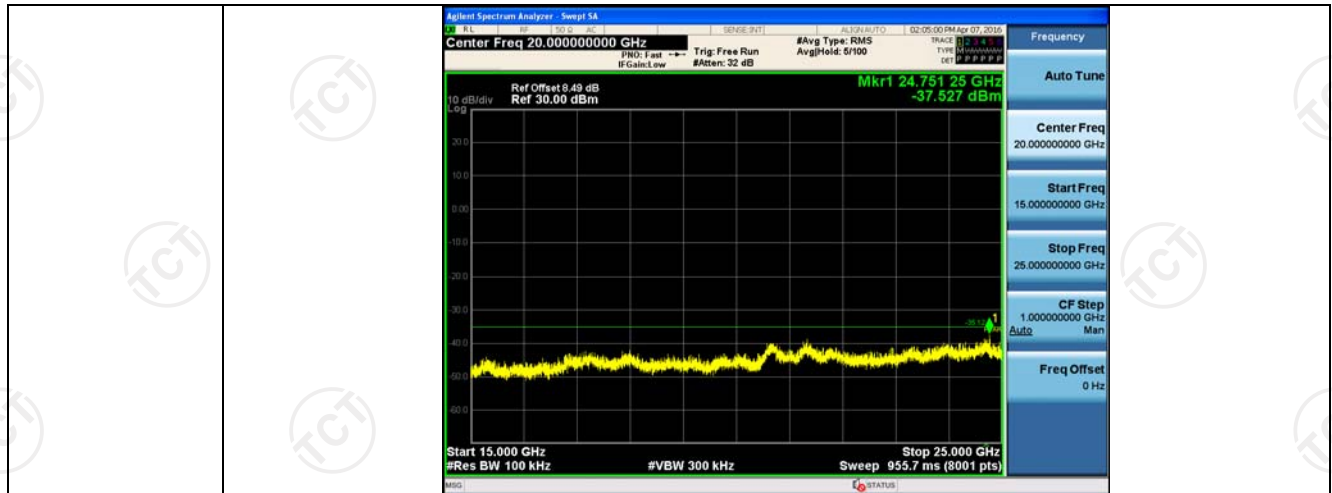
Pref/11N40SIS
O/MCH



Puw/11N40SIS
O/MCH

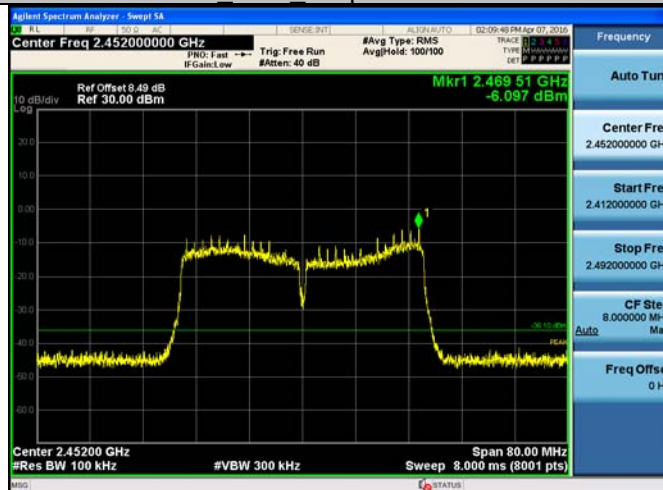




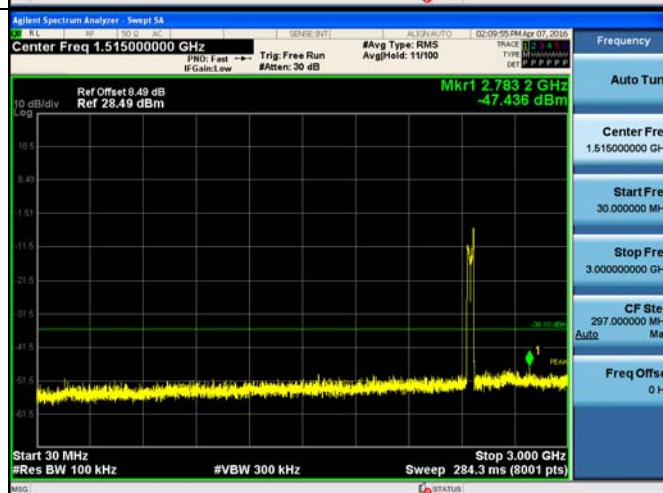


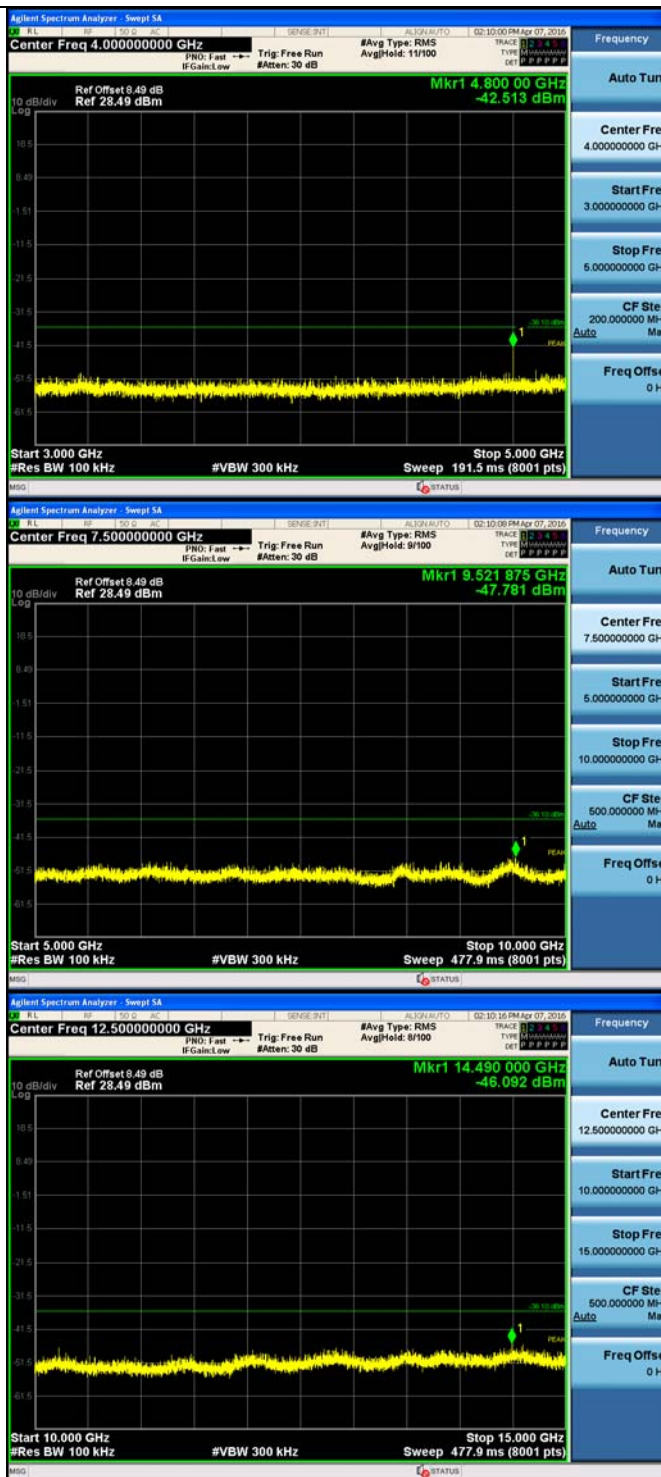
11N40SISO HCH Graphs

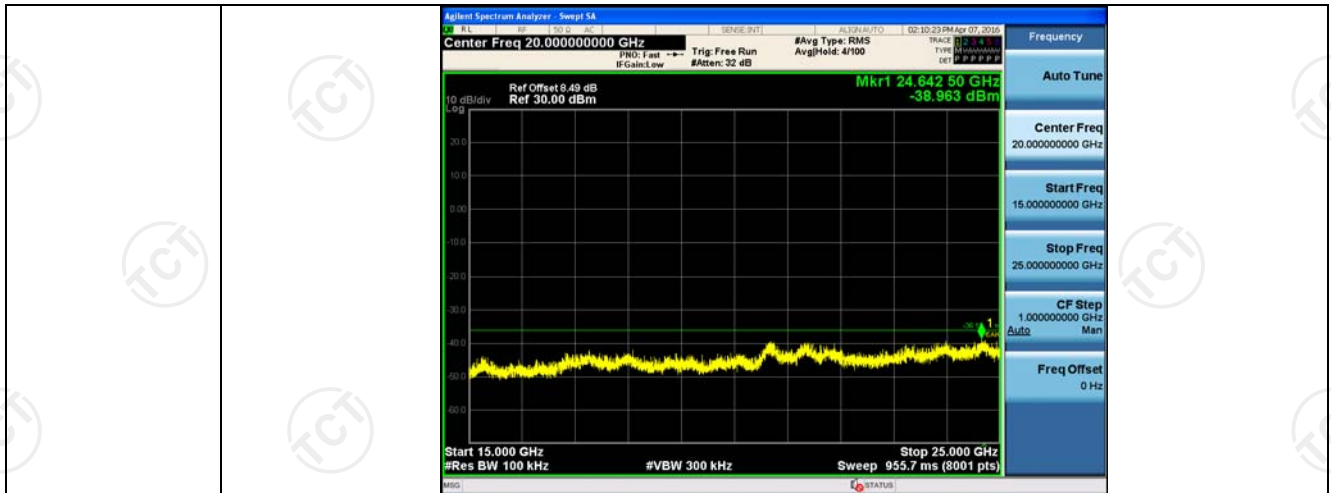
Pref/11N40SIS
O/HCH



Puw/11N40SIS
O/HCH







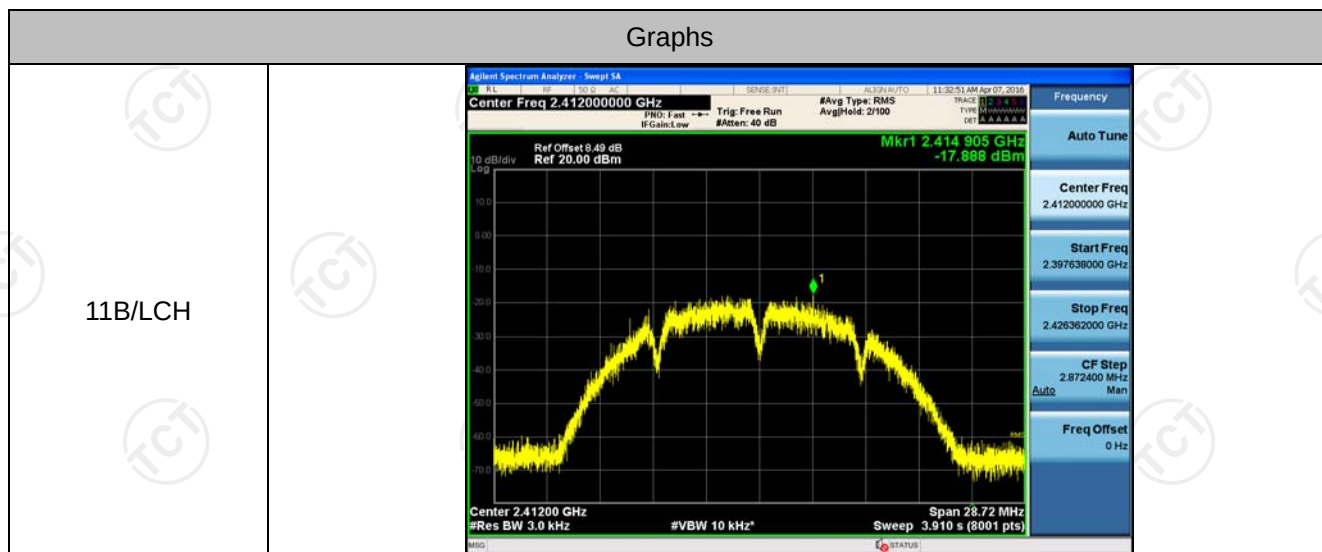
Power Spectral Density

Result Table

Mode	Channel	Meas.Level [dBm]	AV Factor	Av.PSD [dBm]	Verdict
11B	LCH	-17.888	0.09	-17.798	PASS
11B	MCH	-17.310	0.09	-17.22	PASS
11B	HCH	-19.262	0.09	-19.172	PASS
11G	LCH	-19.044	0.52	-18.524	PASS
11G	MCH	-19.902	0.51	-19.392	PASS
11G	HCH	-20.591	0.51	-20.081	PASS
11N20SISO	LCH	-19.232	0.55	-18.682	PASS
11N20SISO	MCH	-21.405	0.56	-20.845	PASS
11N20SISO	HCH	-20.424	0.55	-19.874	PASS
11N40SISO	LCH	-27.029	1.04	-25.989	PASS
11N40SISO	MCH	-26.301	1.06	-25.241	PASS
11N40SISO	HCH	-27.609	1.04	-26.569	PASS

Note: when duty cycle<98%, Av.Power [dBm] = Meas.Level [dBm] + 10log(1/x);
X=Duty cycle
when duty cycle>98%, Av.Power [dBm] = Meas.Level [dBm]

Test Graph



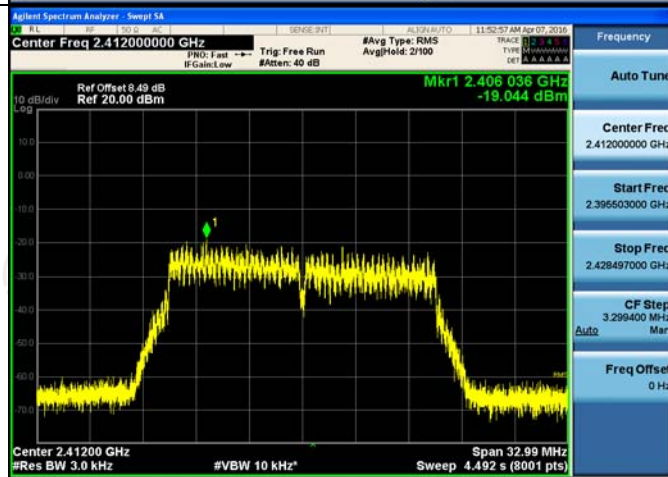
11B/MCH



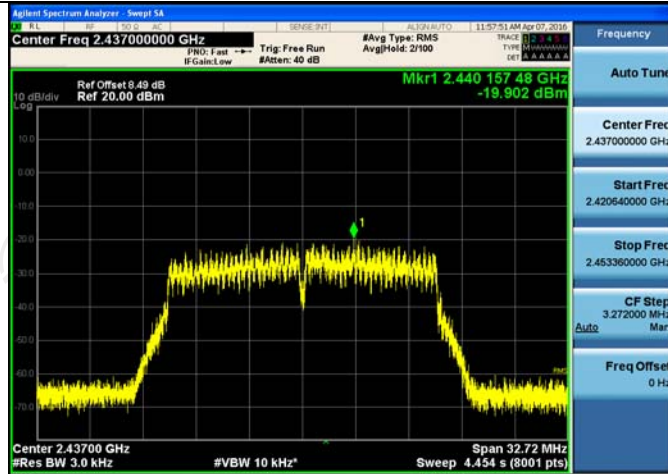
11B/HCH



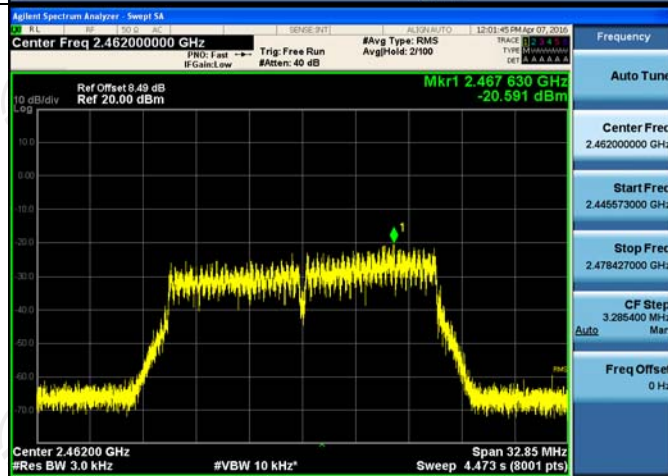
11G/LCH



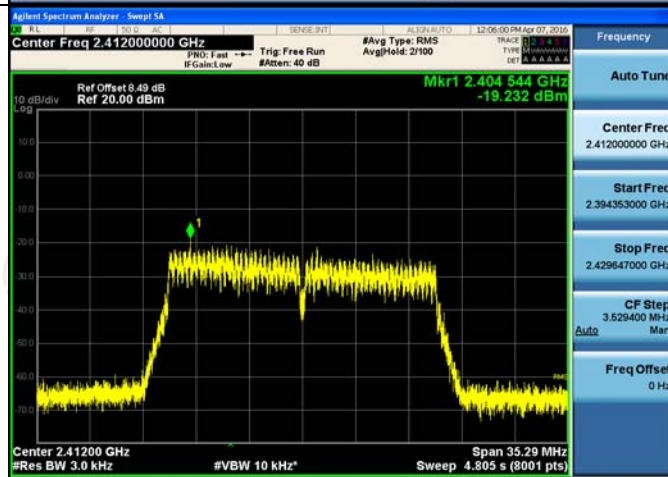
11G/MCH

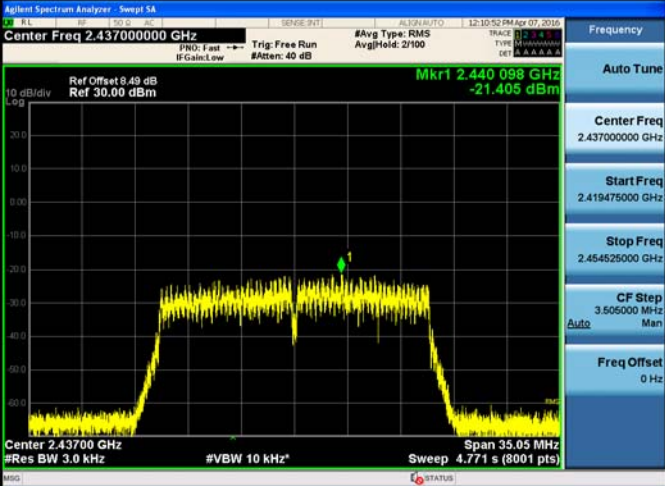
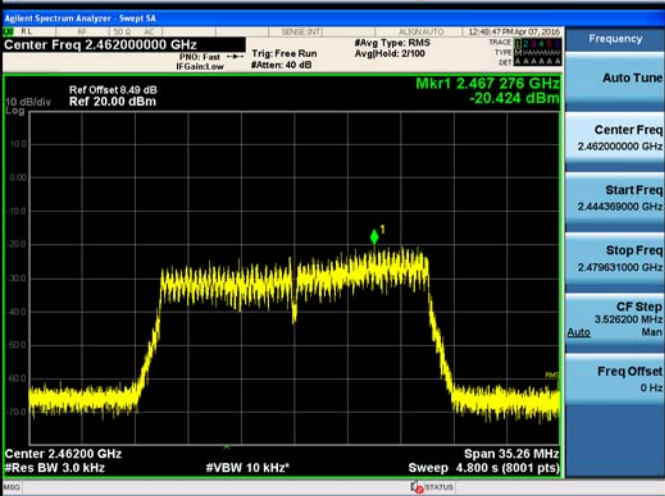
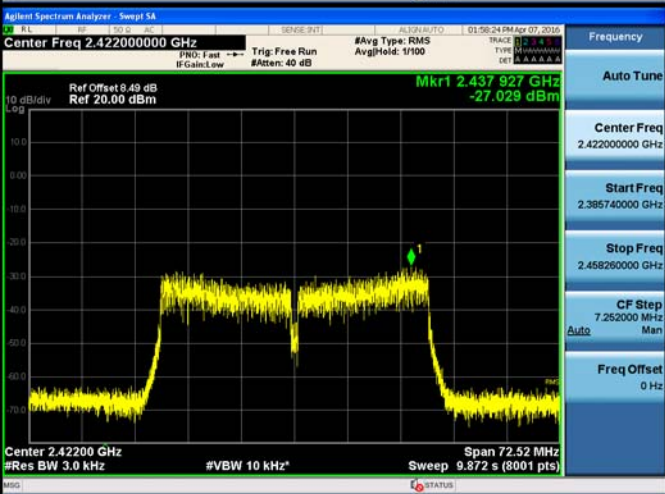


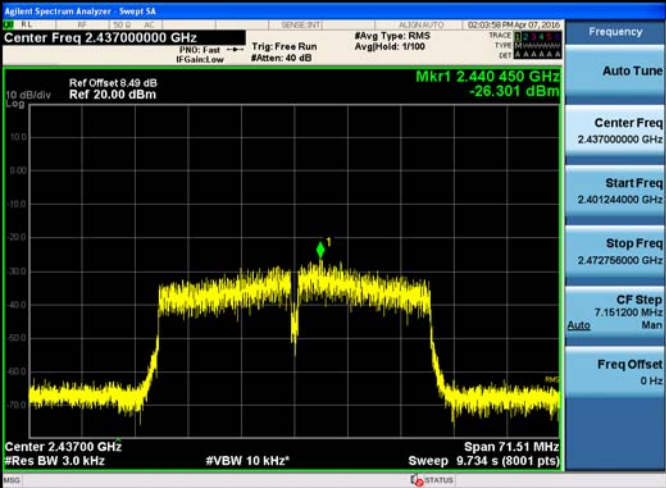
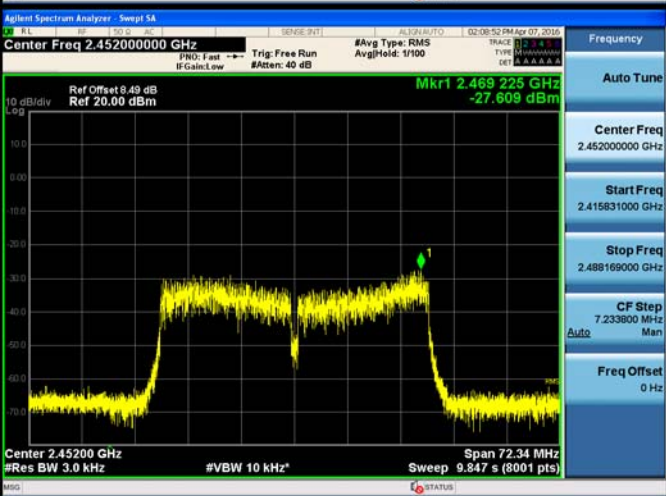
11G/HCH



11N20SISO/LCH



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

11N40SISO/MCH	
11N40SISO/HCH	

Duty Cycle

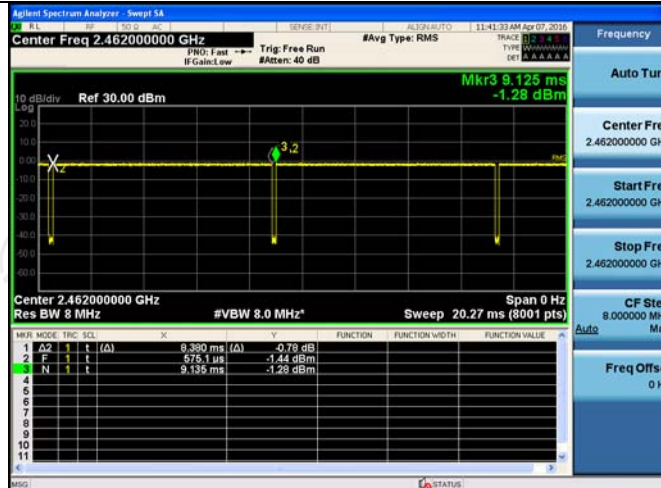
Result Table

Mode	Channel	Burst Dwell Time [ms]	Total Dwell Time [ms]	Duty Cycle [%]
11B	LCH	8.38	8.558	97.92
11B	MCH	8.38	8.561	97.88
11B	HCH	8.38	8.560	97.90
11G	LCH	1.386	1.564	88.65
11G	MCH	1.388	1.564	88.82
11G	HCH	1.388	1.563	88.82
11N20SISO	LCH	1.295	1.469	88.10
11N20SISO	MCH	1.295	1.472	87.95
11N20SISO	HCH	1.295	1.470	88.10
11N40SISO	LCH	0.644	0.818	78.64
11N40SISO	MCH	0.641	0.818	78.33
11N40SISO	HCH	0.644	0.819	78.64

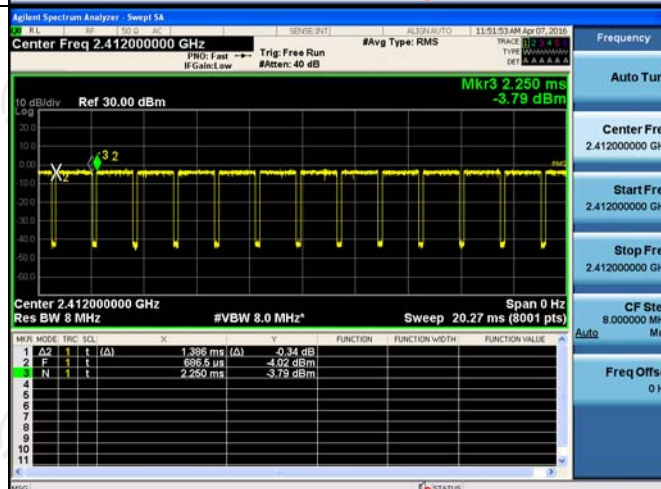
Test Graph



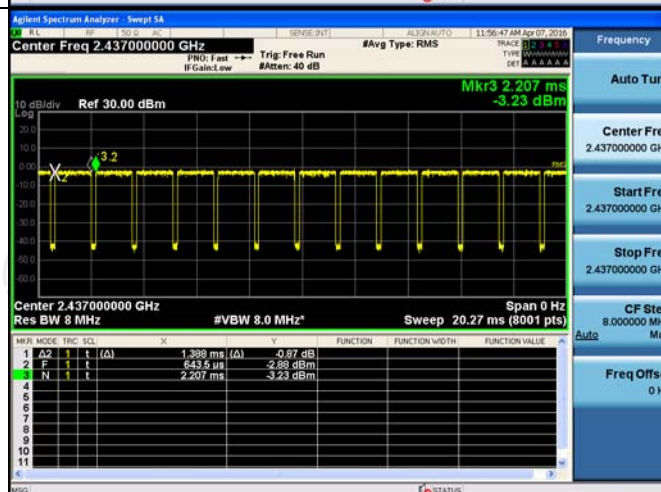
11B/HCH



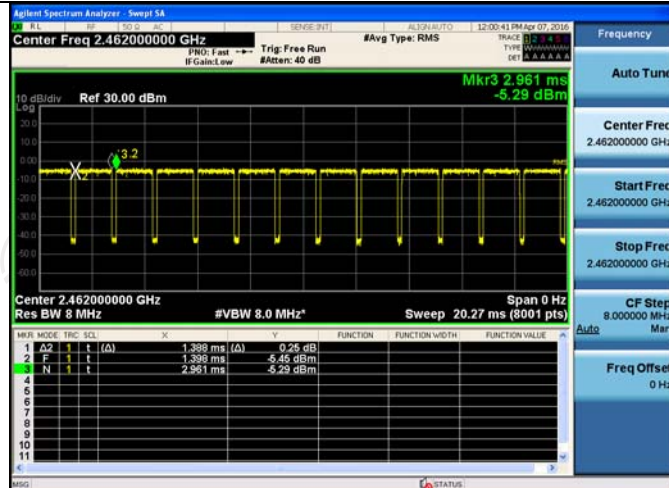
11G/LCH



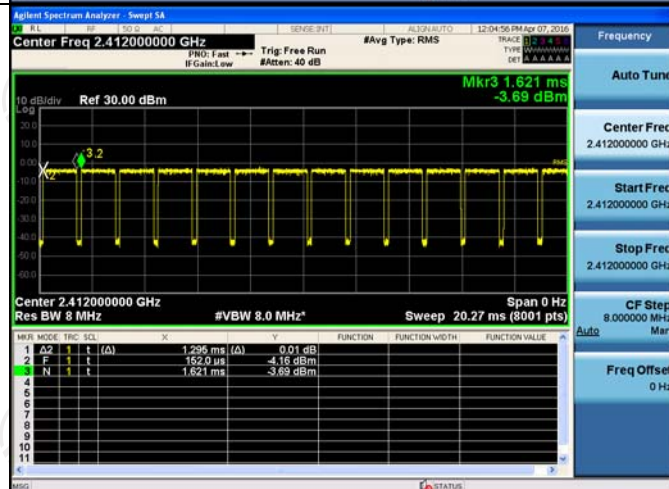
11G/MCH



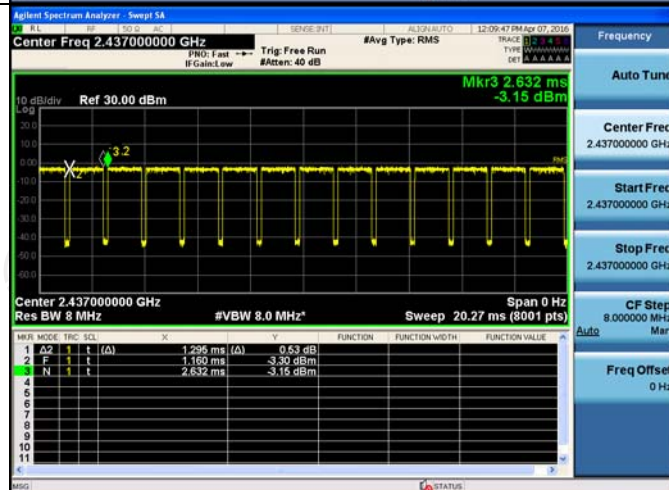
11G/HCH

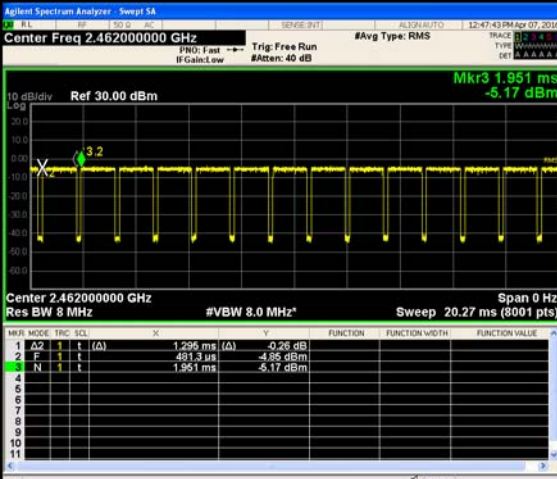
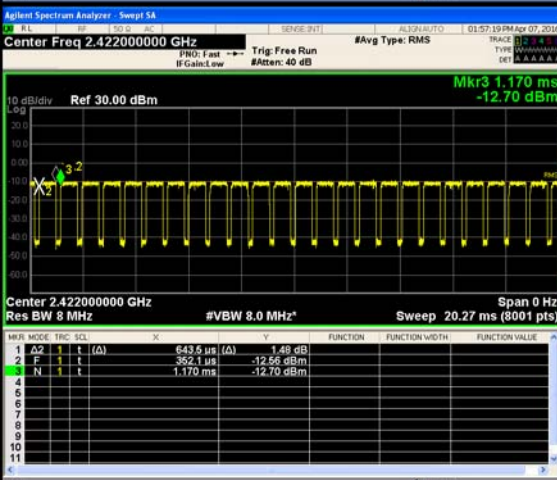
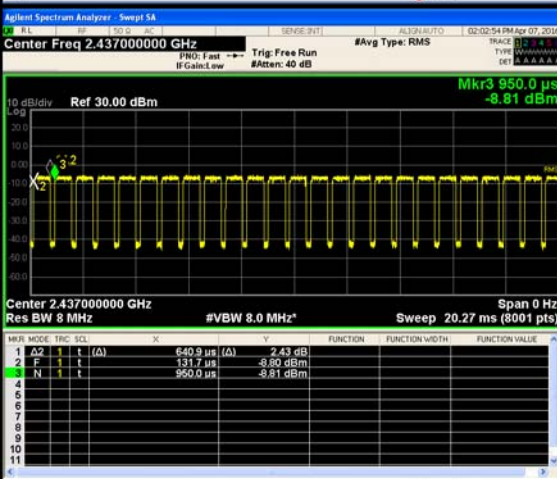


11N20SISO/LCH

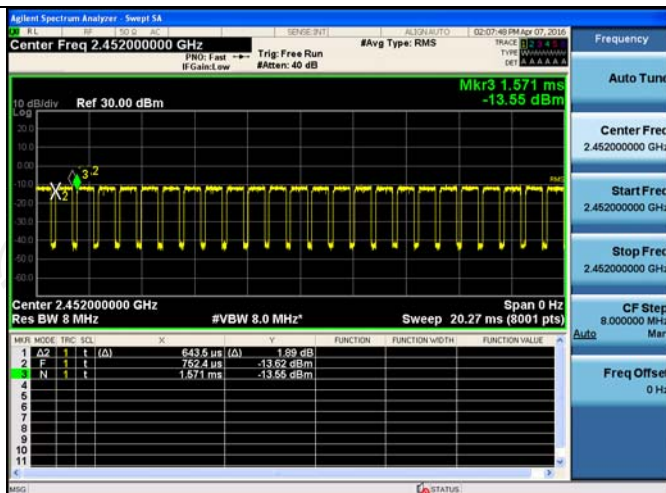


11N20SISO/MCH



11N20SISO/HCH	 Agilent Spectrum Analyzer - Sweep SA Center Freq 2.462000000 GHz Ref 30.00 dBm Mkr3 1.951 ms -5.17 dBm Center 2.462000000 GHz Res BW 8 MHz #VBW 8.0 MHz* Sweep 20.27 ms (8001 pts) Span 0 Hz <table><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>A2</td><td>1</td><td>t</td><td>(Δ)</td><td>1.296 ms (Δ)</td><td>-0.26 dB</td><td></td><td></td></tr><tr><td>2</td><td>F</td><td>1</td><td>t</td><td></td><td>481.3 μs</td><td>-4.85 dBm</td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>t</td><td></td><td>1.951 ms</td><td>-5.17 dBm</td><td></td><td></td></tr></table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	A2	1	t	(Δ)	1.296 ms (Δ)	-0.26 dB			2	F	1	t		481.3 μs	-4.85 dBm			3	N	1	t		1.951 ms	-5.17 dBm			Frequency Auto Tune Center Freq 2.462000000 GHz Start Freq 2.462000000 GHz Stop Freq 2.462000000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz
MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																														
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3	N	1	t		1.951 ms	-5.17 dBm																																
11N40SISO/LCH	 Agilent Spectrum Analyzer - Sweep SA Center Freq 2.422000000 GHz Ref 30.00 dBm Mkr3 1.170 ms -12.70 dBm Center 2.422000000 GHz Res BW 8 MHz #VBW 8.0 MHz* Sweep 20.27 ms (8001 pts) Span 0 Hz <table><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>A2</td><td>1</td><td>t</td><td>(Δ)</td><td>643.6 μs (Δ)</td><td>1.48 dB</td><td></td><td></td></tr><tr><td>2</td><td>F</td><td>1</td><td>t</td><td></td><td>352.1 μs</td><td>-12.56 dBm</td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>t</td><td></td><td>1.170 ms</td><td>-12.70 dBm</td><td></td><td></td></tr></table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	A2	1	t	(Δ)	643.6 μs (Δ)	1.48 dB			2	F	1	t		352.1 μs	-12.56 dBm			3	N	1	t		1.170 ms	-12.70 dBm			Frequency Auto Tune Center Freq 2.422000000 GHz Start Freq 2.422000000 GHz Stop Freq 2.422000000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz
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2	F	1	t		352.1 μs	-12.56 dBm																																
3	N	1	t		1.170 ms	-12.70 dBm																																
11N40SISO/MCH	 Agilent Spectrum Analyzer - Sweep SA Center Freq 2.437000000 GHz Ref 30.00 dBm Mkr3 950.0 μs -8.81 dBm Center 2.437000000 GHz Res BW 8 MHz #VBW 8.0 MHz* Sweep 20.27 ms (8001 pts) Span 0 Hz <table><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>A2</td><td>1</td><td>t</td><td>(Δ)</td><td>640.9 μs (Δ)</td><td>2.43 dB</td><td></td><td></td></tr><tr><td>2</td><td>F</td><td>1</td><td>t</td><td></td><td>131.7 μs</td><td>-9.30 dBm</td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>t</td><td></td><td>950.0 μs</td><td>-8.81 dBm</td><td></td><td></td></tr></table>	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	A2	1	t	(Δ)	640.9 μs (Δ)	2.43 dB			2	F	1	t		131.7 μs	-9.30 dBm			3	N	1	t		950.0 μs	-8.81 dBm			Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.437000000 GHz Stop Freq 2.437000000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz
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11N40SISO/HCH



Appendix B: Photographs of Test Setup

Refer to test report TCT160329E016

Appendix C: Photographs of EUT

Refer to test report TCT160329E016