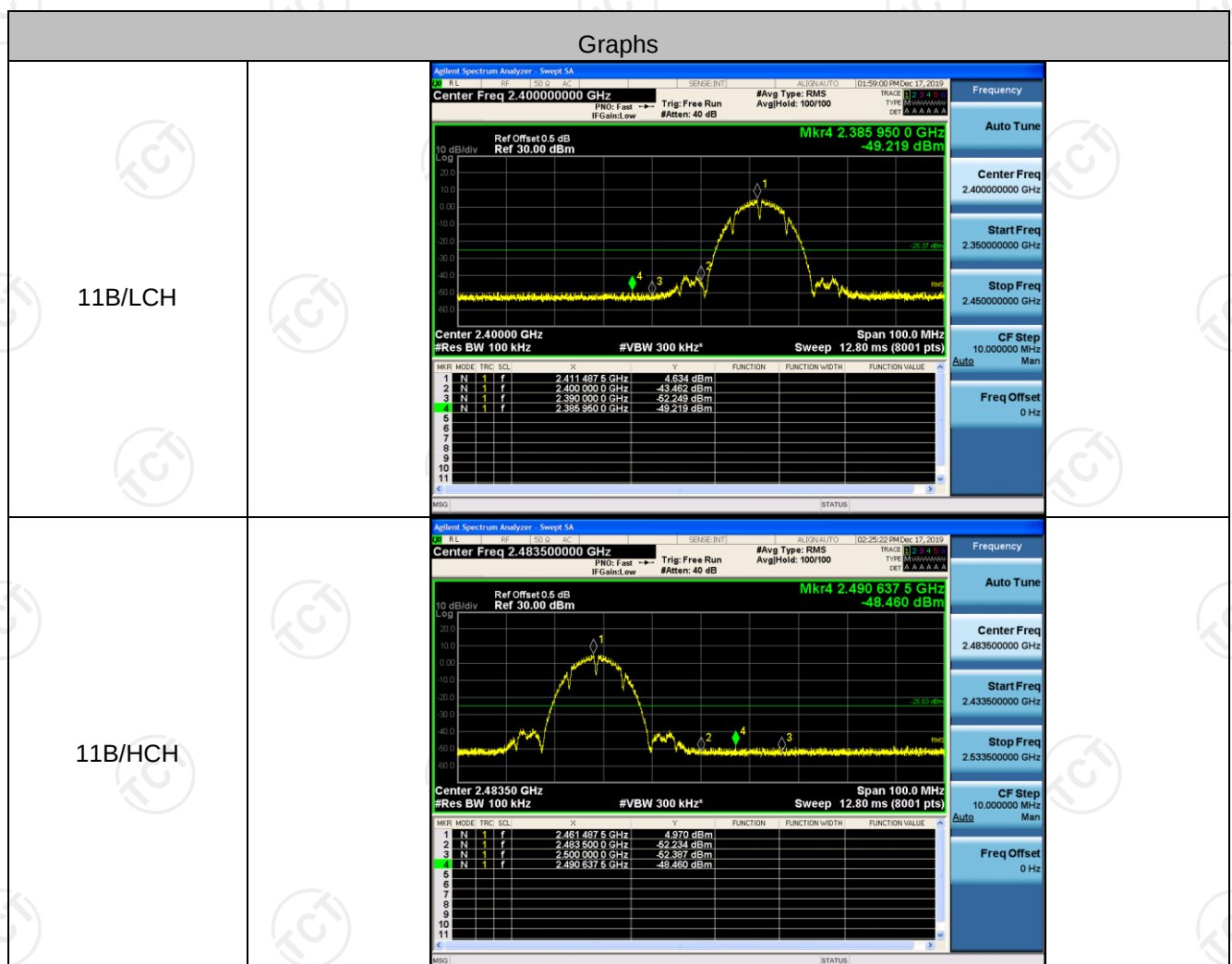


Band-edge for RF Conducted Emissions

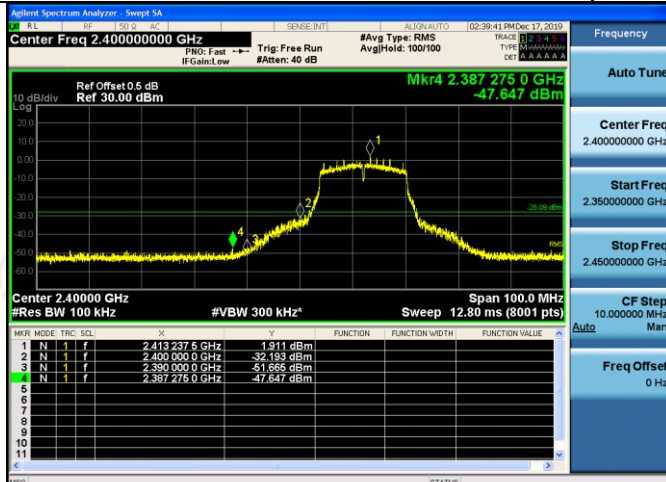
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.634	-49.219	-25.37	PASS
11B	HCH	4.970	-48.460	-25.03	PASS
11G	LCH	1.911	-47.647	-28.09	PASS
11G	HCH	1.841	-45.938	-28.16	PASS
11N20SISO	LCH	2.018	-44.696	-27.98	PASS
11N20SISO	HCH	2.244	-45.620	-27.76	PASS
11N40SISO	LCH	-1.268	-35.011	-31.27	PASS
11N40SISO	HCH	-1.409	-35.365	-31.41	PASS

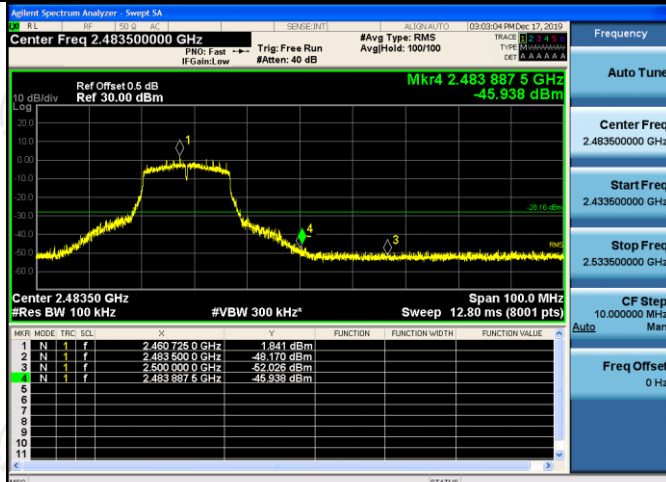
Test Graph



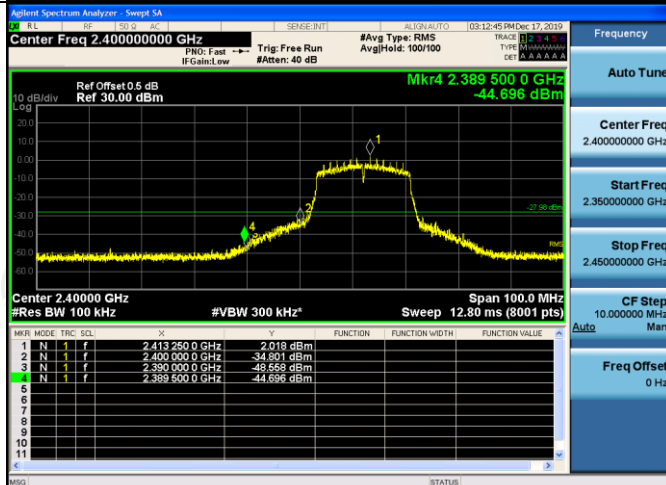
11G/LCH

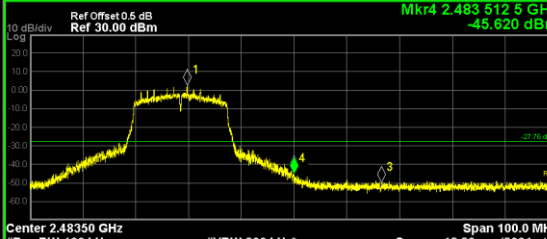
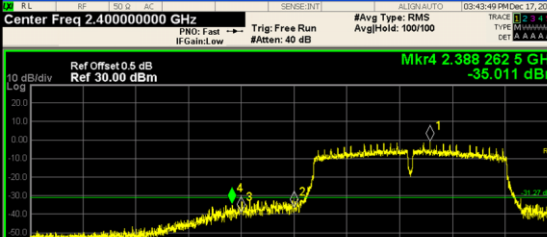


11G/HCH



11N20SISO/LCH



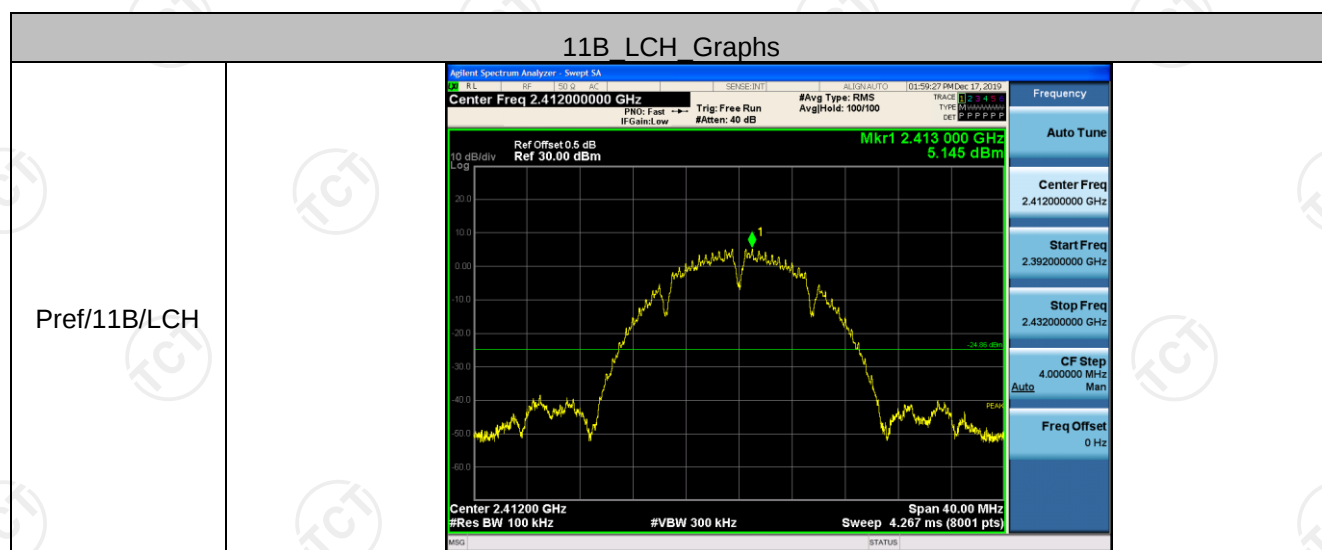
11N20SISO/HCH	Agilent Spectrum Analyzer - Swept SA Center Freq 2.483500000 GHz Ref Offset 0.5 dB Ref 30.00 dBm Mkr4 2.483 512 5 GHz -45.620 dBm 10 dB/div Log  Center 2.48350 GHz #Res BW 100 kHz #VBW 300 kHz* Span 100.0 MHz Sweep 12.80 ms (8001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.463 250 0 GHz</td><td>-2.244 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 500 0 GHz</td><td>-44.514 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.500 000 0 GHz</td><td>-59.409 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.493 512 5 GHz</td><td>-45.620 dBm</td><td></td><td></td><td></td></tr></table> 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	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.463 250 0 GHz	-2.244 dBm				2	N	1	f	2.483 500 0 GHz	-44.514 dBm				3	N	1	f	2.500 000 0 GHz	-59.409 dBm				4	N	1	f	2.493 512 5 GHz	-45.620 dBm			
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11N40SISO/LCH	Agilent Spectrum Analyzer - Swept SA Center Freq 2.400000000 GHz Ref Offset 0.5 dB Ref 30.00 dBm Mkr4 2.388 262 5 GHz -35.011 dBm 10 dB/div Log  Center 2.40000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 100.0 MHz Sweep 12.80 ms (8001 pts) <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>N</td><td>1</td><td>f</td><td>2.425 725 0 GHz</td><td>-1.268 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.400 000 0 GHz</td><td>-36.242 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.390 000 0 GHz</td><td>-39.774 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.388 262 5 GHz</td><td>-35.011 dBm</td><td></td><td></td><td></td></tr></table> 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	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.425 725 0 GHz	-1.268 dBm				2	N	1	f	2.400 000 0 GHz	-36.242 dBm				3	N	1	f	2.390 000 0 GHz	-39.774 dBm				4	N	1	f	2.388 262 5 GHz	-35.011 dBm			
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11N40SISO/HCH	Agilent Spectrum Analyzer - Swept SA Center Freq 2.483500000 GHz Ref Offset 0.5 dB Ref 30.00 dBm Mkr4 2.484 612 5 GHz -35.365 dBm 10 dB/div Log  Center 2.48350 GHz #Res BW 100 kHz #VBW 300 kHz* Span 100.0 MHz Sweep 12.80 ms (8001 pts) <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>N</td><td>1</td><td>f</td><td>2.449 487 5 GHz</td><td>-1.409 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 500 0 GHz</td><td>-39.670 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.500 000 0 GHz</td><td>-61.563 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.484 612 5 GHz</td><td>-35.365 dBm</td><td></td><td></td><td></td></tr></table> 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	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.449 487 5 GHz	-1.409 dBm				2	N	1	f	2.483 500 0 GHz	-39.670 dBm				3	N	1	f	2.500 000 0 GHz	-61.563 dBm				4	N	1	f	2.484 612 5 GHz	-35.365 dBm			
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4	N	1	f	2.484 612 5 GHz	-35.365 dBm																																									

RF Conducted Spurious Emissions

Result Table

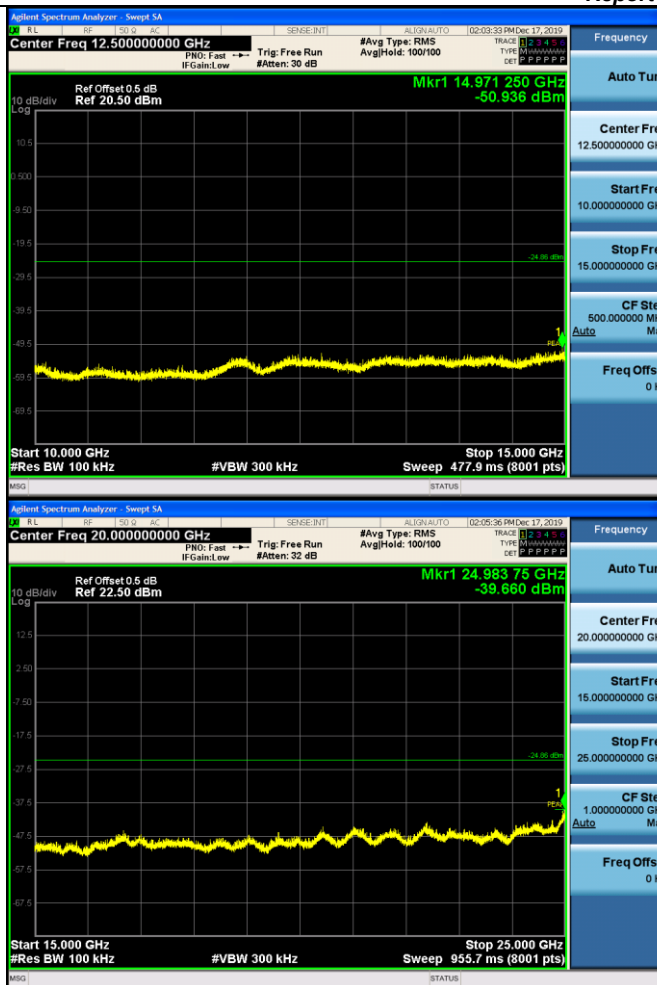
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	5.145	<Limit	PASS
11B	MCH	5.347	<Limit	PASS
11B	HCH	5.392	<Limit	PASS
11G	LCH	2.501	<Limit	PASS
11G	MCH	2.833	<Limit	PASS
11G	HCH	2.735	<Limit	PASS
11N20SISO	LCH	2.697	<Limit	PASS
11N20SISO	MCH	2.106	<Limit	PASS
11N20SISO	HCH	2.709	<Limit	PASS
11N40SISO	LCH	-0.926	<Limit	PASS
11N40SISO	MCH	-0.916	<Limit	PASS
11N40SISO	HCH	-0.825	<Limit	PASS

Test Graph



Puw/11B/LCH





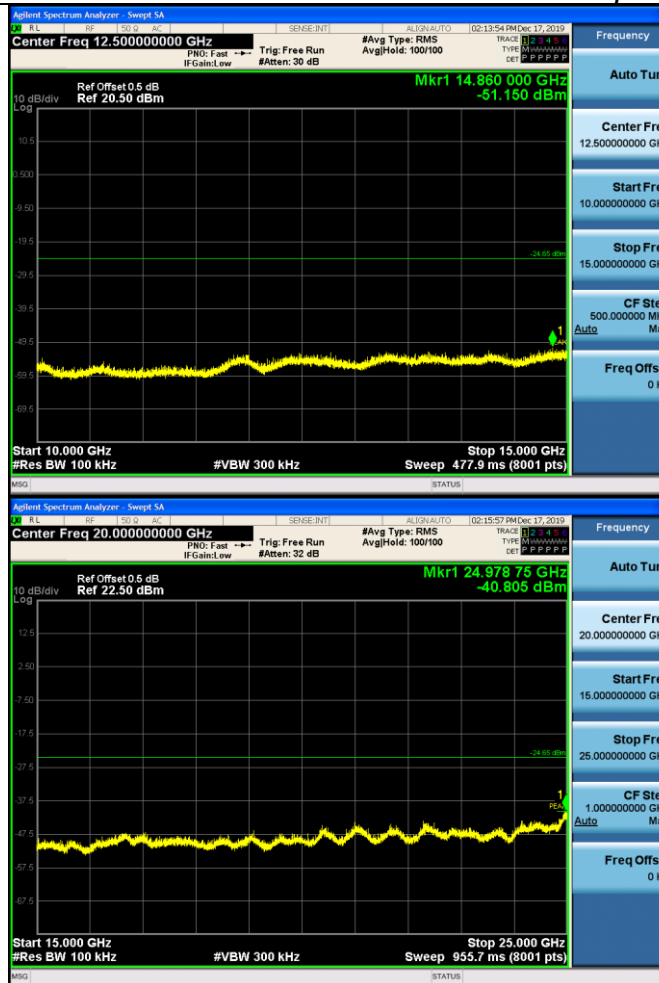
11B MCH Graphs

Pref/11B/MCH



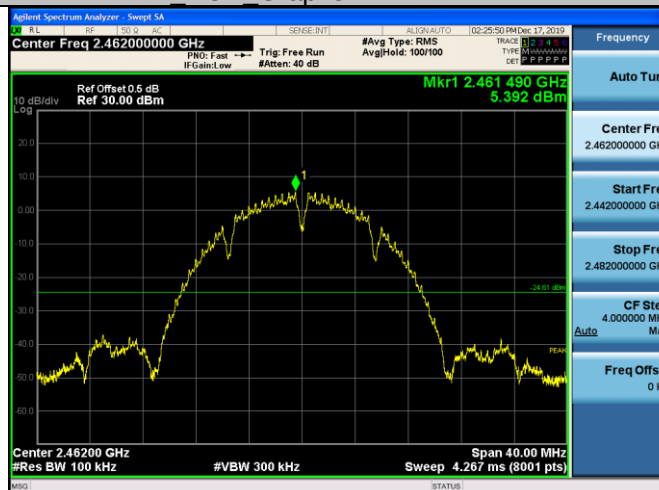
Puw/11B/MCH





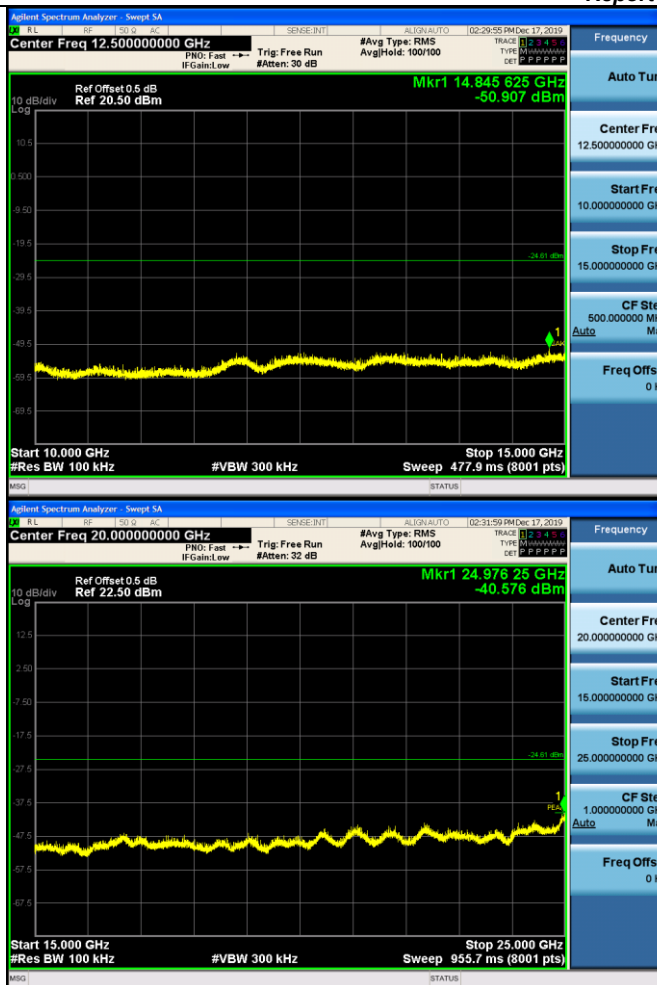
11B HCH Graphs

Pref/11B/HCH



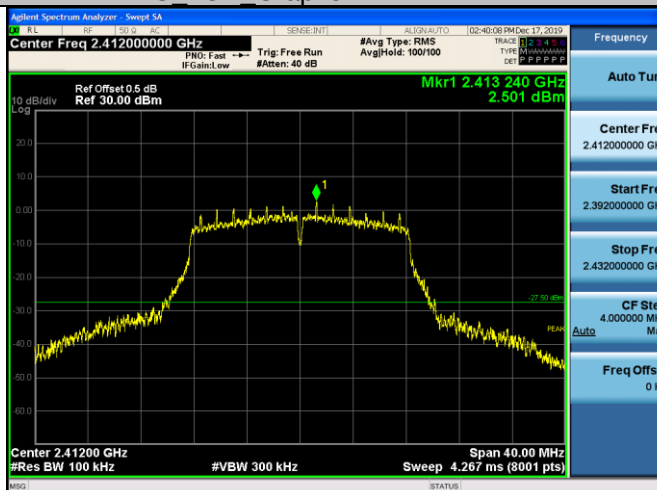
Puw/11B/HCH





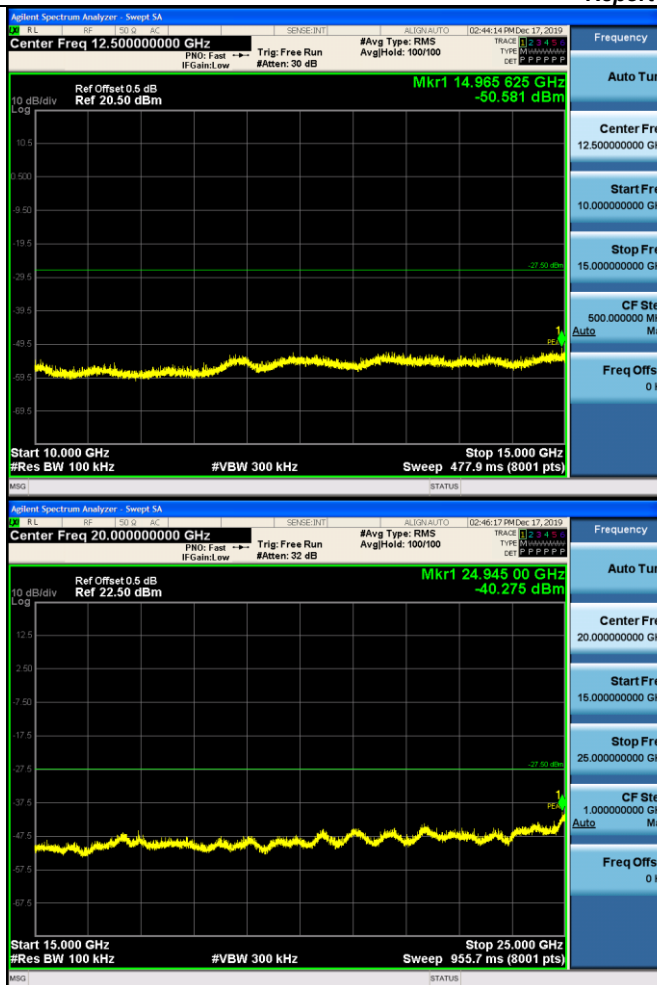
11G LCH Graphs

Pref/11G/LCH



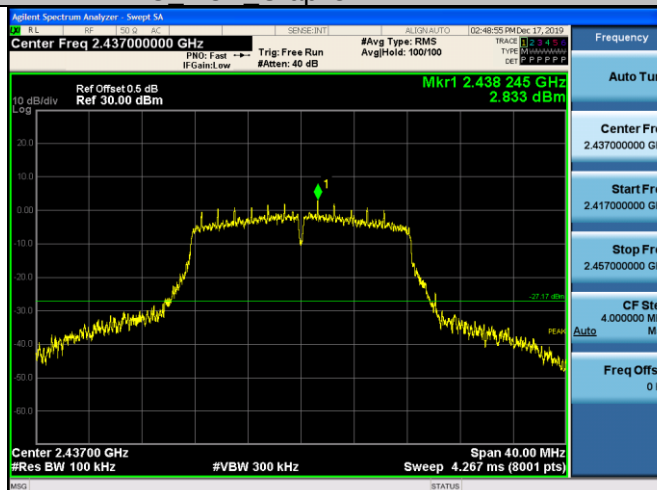
Puw/11G/LCH





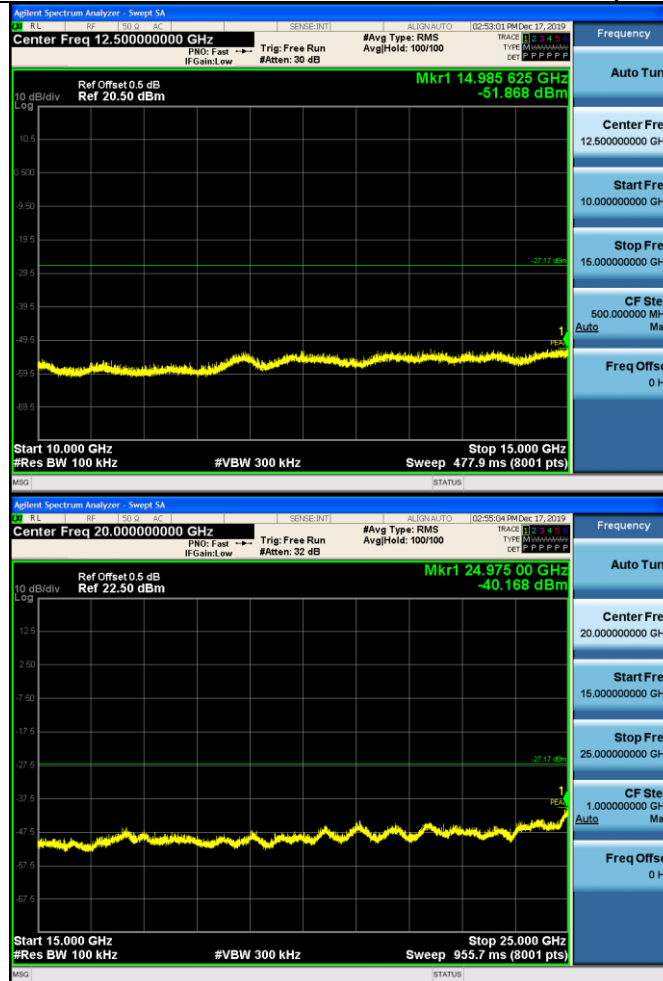
11G MCH Graphs

Pref/11G/MCH



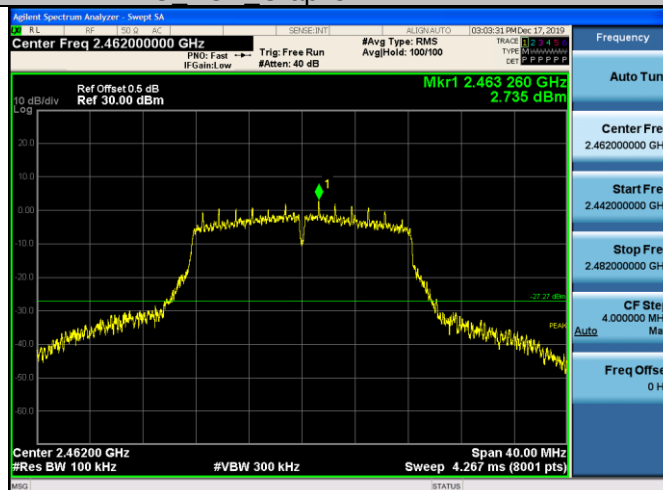
Puw/11G/MCH





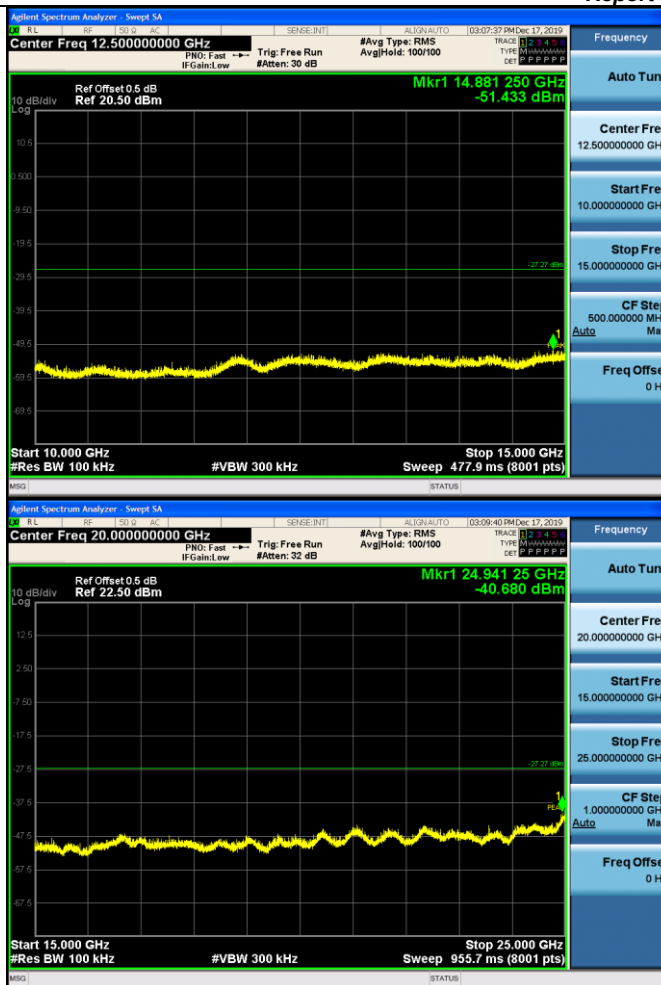
11G HCH Graphs

Pref/11G/HCH



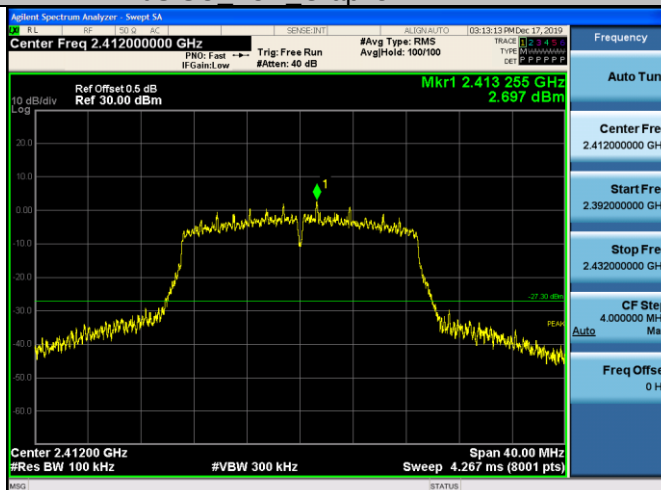
Puw/11G/HCH





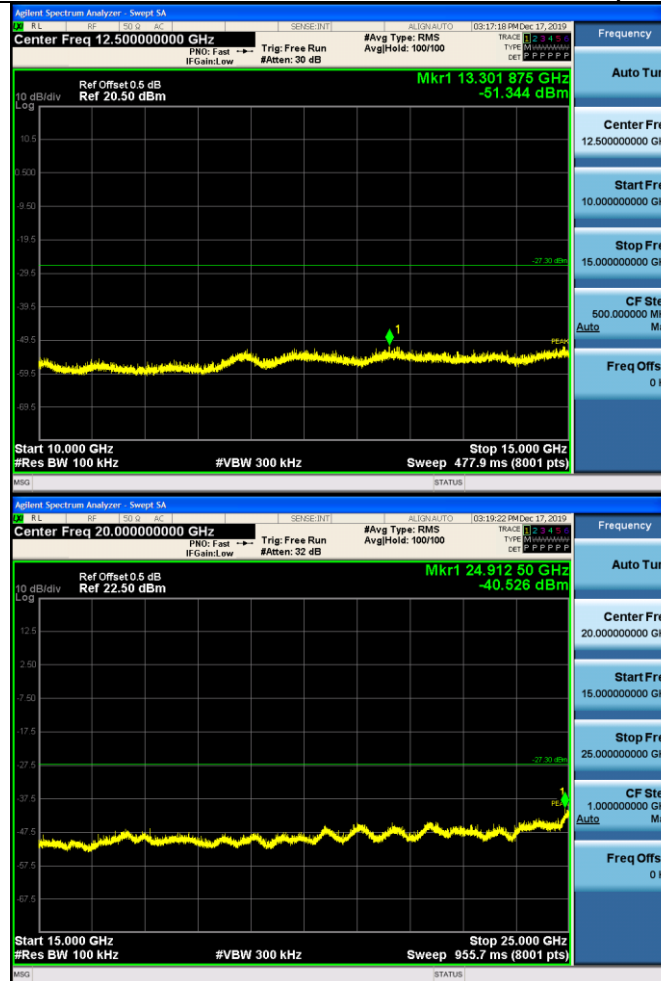
11N20SISO LCH Graphs

Pref/11N20SIS
O/LCH



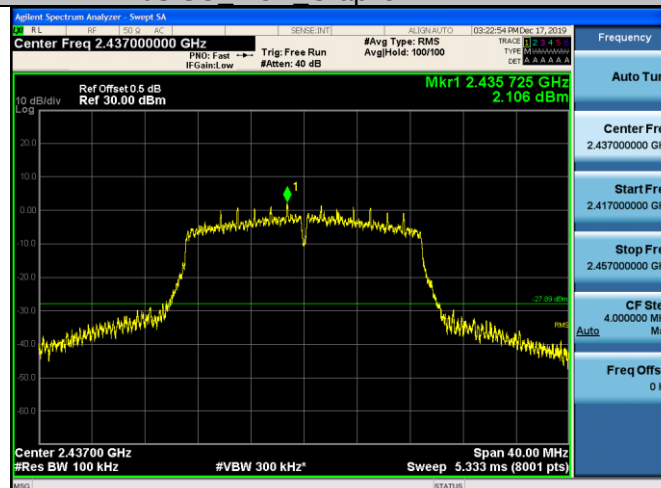
/11N20SISO/
CH





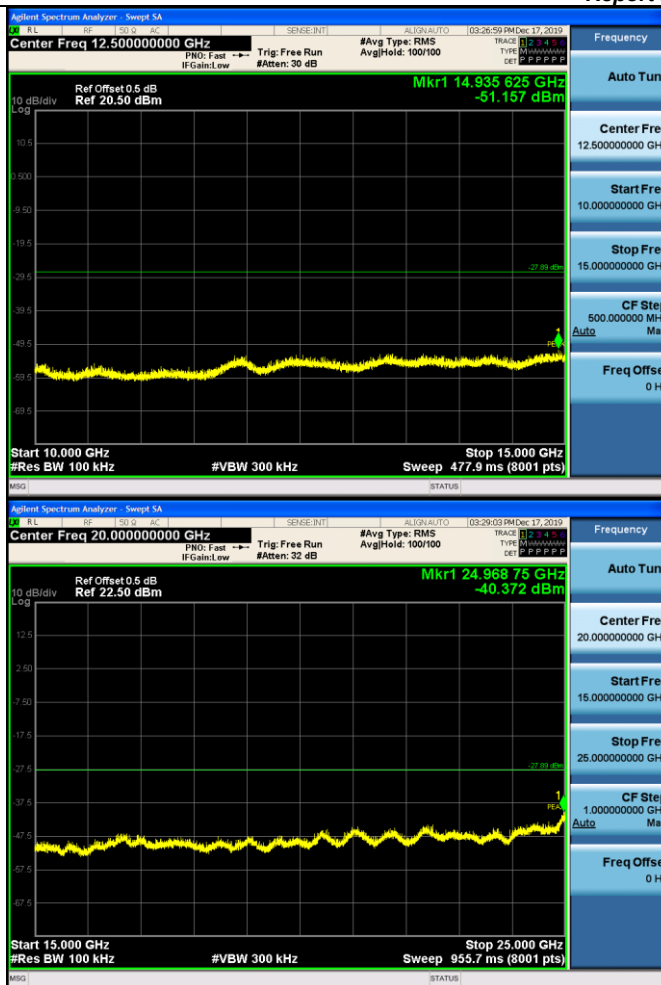
11N20SISO MCH Graphs

Pref/11N20SIS
O/MCH



Puw/11N20SIS
O/MCH





11N20SISO HCH Graphs

Pref/11N20SIS
O/HCH

