

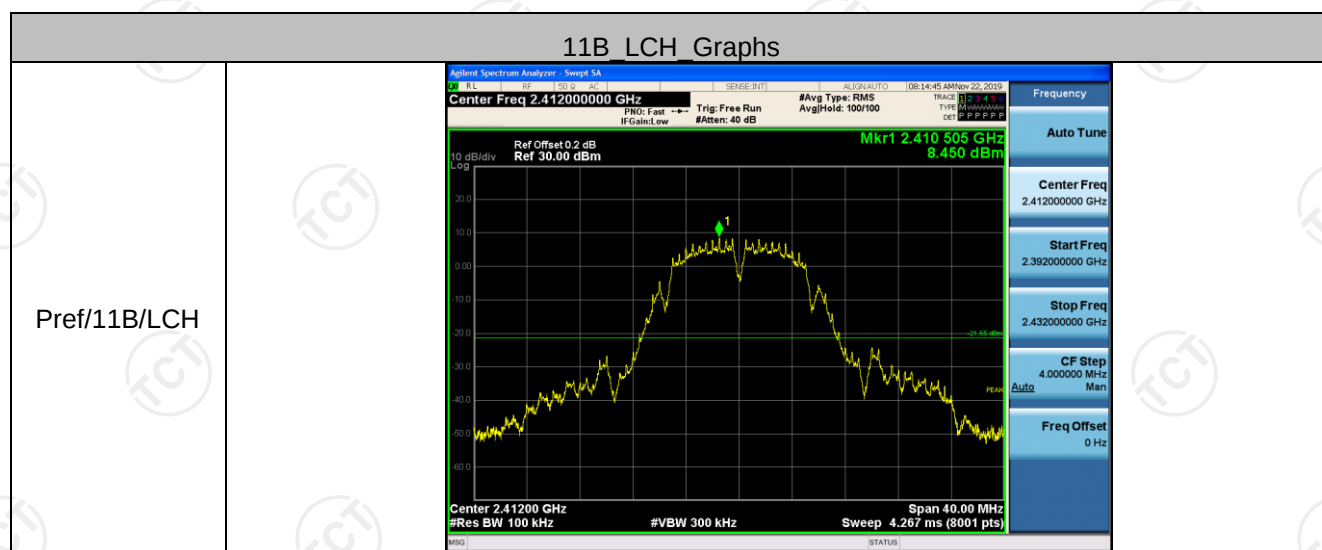
11N20SISO/HCH	Agilent Spectrum Analyzer - Swept SA Center Freq 2.483500000 GHz PRO: Fast IF Gain: Low Trig: Free Run #Atten: 40 dB #Avg Type: RMS Avg/Hold: 100/100 09:56:21 AM Nov 22, 2019 TRACE 1 2 3 4 5 TYPE: Data DEF: P P P P P Ref Offset 0.2 dB Ref 30.00 dBm Mkr4 2.483 512 5 GHz -39.572 dBm 10 dB/div Log Center 2.48350 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.600 ms (8001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</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>2.463 262 5 GHz</td><td>-0.804 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>-39.732 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>-49.283 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.483 512 5 GHz</td><td>-39.572 dBm</td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> MWQ STATUS 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	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.463 262 5 GHz	-0.804 dBm				2	N	1	f	2.483 500 0 GHz	-39.732 dBm				3	N	1	f	2.500 000 0 GHz	-49.283 dBm				4	N	1	f	2.483 512 5 GHz	-39.572 dBm				5									6									7									8									9									10									11								
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11N40SISO/LCH	Agilent Spectrum Analyzer - Swept SA Center Freq 2.400000000 GHz PRO: Fast IF Gain: Low Trig: Free Run #Atten: 40 dB #Avg Type: RMS Avg/Hold: 100/100 10:11:12 AM Nov 22, 2019 TRACE 1 2 3 4 5 TYPE: Data DEF: P P P P P Ref Offset 0.2 dB Ref 30.00 dBm Mkr4 2.389 487 5 GHz -37.861 dBm 10 dB/div Log Center 2.40000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.600 ms (8001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</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>2.433 287 5 GHz</td><td>-3.051 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>-41.158 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>-42.923 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.389 487 5 GHz</td><td>-37.861 dBm</td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> MWQ STATUS 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	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.433 287 5 GHz	-3.051 dBm				2	N	1	f	2.400 000 0 GHz	-41.158 dBm				3	N	1	f	2.390 000 0 GHz	-42.923 dBm				4	N	1	f	2.389 487 5 GHz	-37.861 dBm				5									6									7									8									9									10									11								
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11N40SISO/HCH	Agilent Spectrum Analyzer - Swept SA Center Freq 2.483500000 GHz PRO: Fast IF Gain: Low Trig: Free Run #Atten: 40 dB #Avg Type: RMS Avg/Hold: 100/100 10:32:08 AM Nov 22, 2019 TRACE 1 2 3 4 5 TYPE: Data DEF: P P P P P Ref Offset 0.2 dB Ref 30.00 dBm Mkr4 2.486 775 0 GHz -39.791 dBm 10 dB/div Log Center 2.48350 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 9.600 ms (8001 pts) <table><tr><th>MKR</th><th>MODE</th><th>TRC</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>2.444 512 5 GHz</td><td>-2.388 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>-42.698 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>-48.535 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.486 775 0 GHz</td><td>-39.791 dBm</td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> MWQ STATUS 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	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.444 512 5 GHz	-2.388 dBm				2	N	1	f	2.483 500 0 GHz	-42.698 dBm				3	N	1	f	2.500 000 0 GHz	-48.535 dBm				4	N	1	f	2.486 775 0 GHz	-39.791 dBm				5									6									7									8									9									10									11								
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RF Conducted Spurious Emissions

Result Table

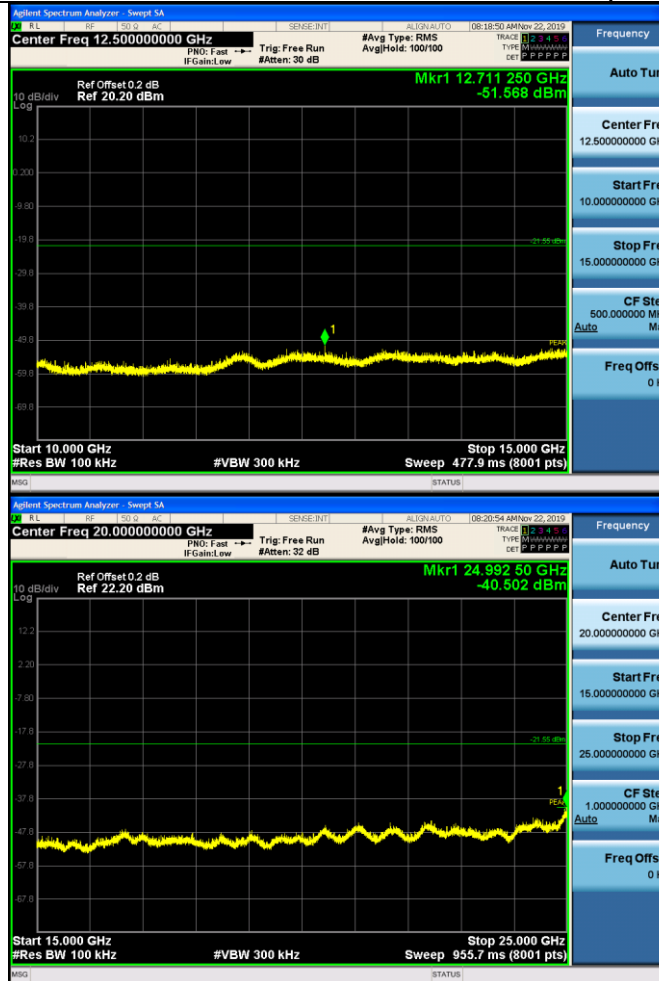
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	8.45	<Limit	PASS
11B	MCH	8.953	<Limit	PASS
11B	HCH	9.067	<Limit	PASS
11G	LCH	-0.056	<Limit	PASS
11G	MCH	1.162	<Limit	PASS
11G	HCH	0.764	<Limit	PASS
11N20SISO	LCH	0.069	<Limit	PASS
11N20SISO	MCH	0.76	<Limit	PASS
11N20SISO	HCH	0.826	<Limit	PASS
11N40SISO	LCH	-3.008	<Limit	PASS
11N40SISO	MCH	-1.986	<Limit	PASS
11N40SISO	HCH	-2.463	<Limit	PASS

Test Graph



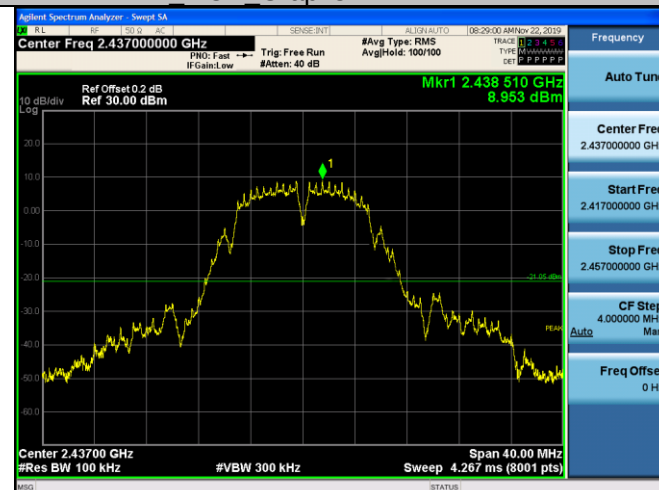
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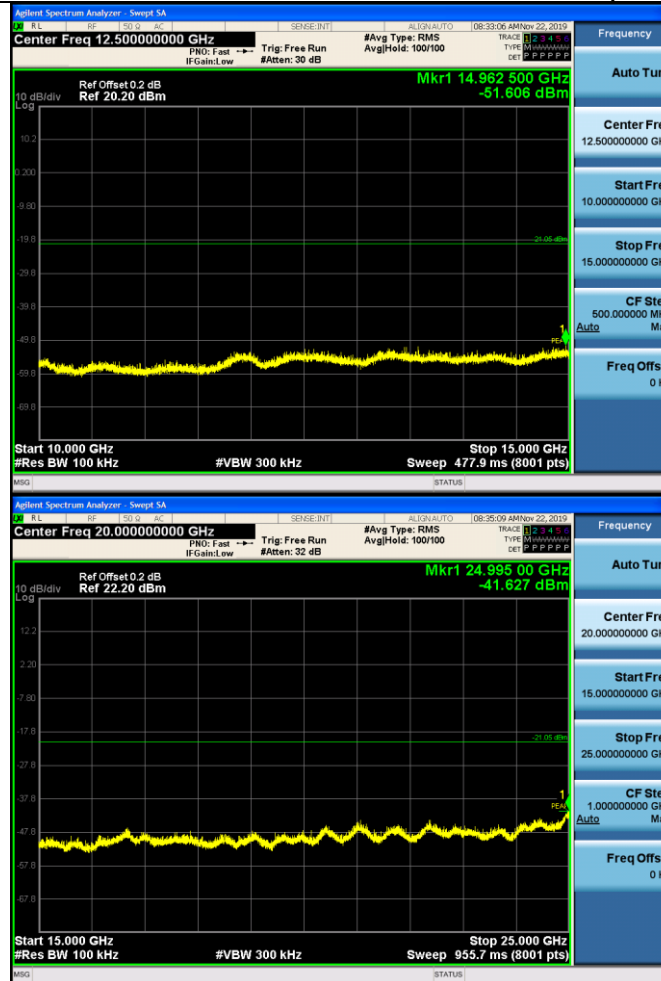
11B MCH Graphs

Pref/11B/MCH



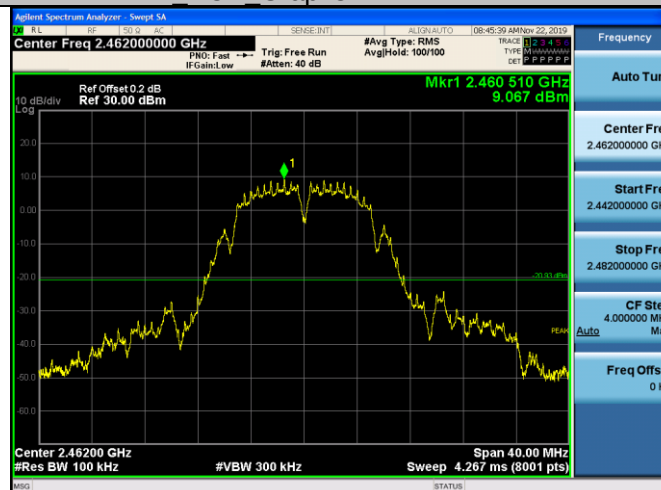
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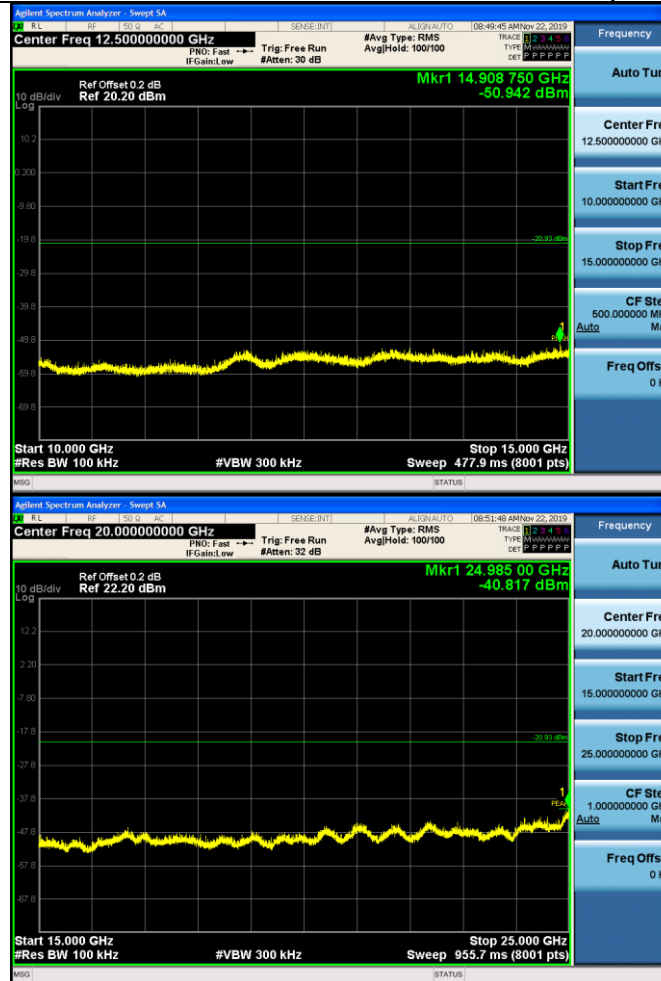
11B HCH Graphs

Pref/11B/HCH



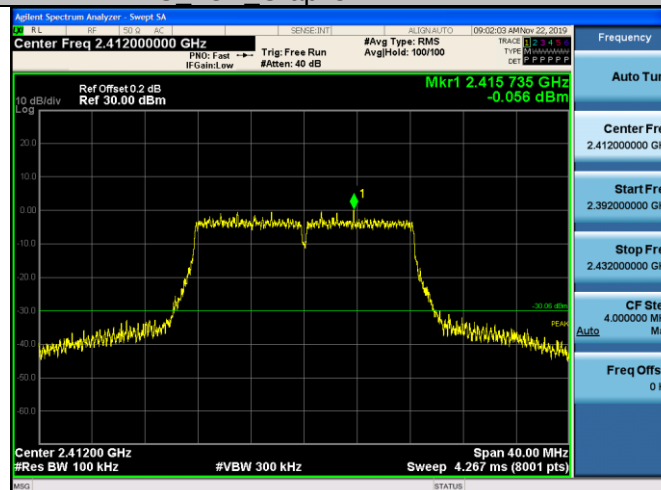
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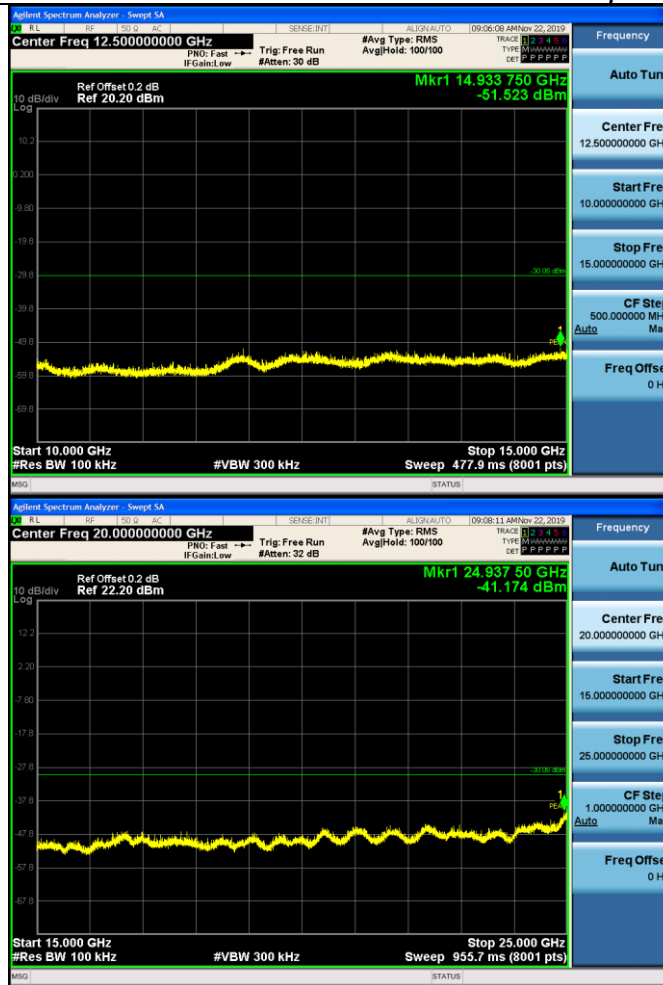
11G LCH Graphs

Pref/11G/LCH



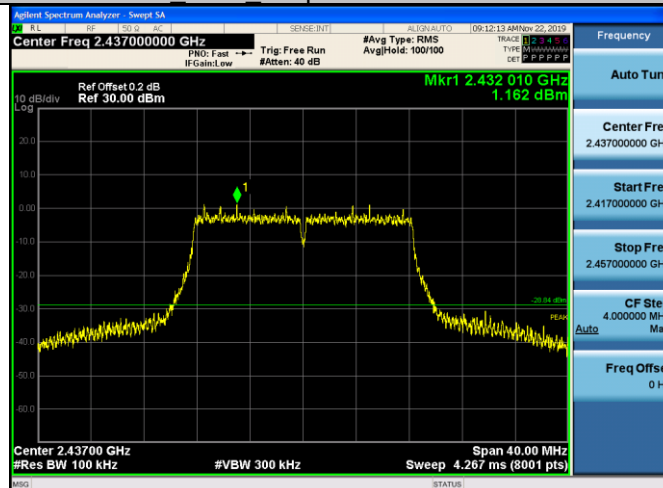
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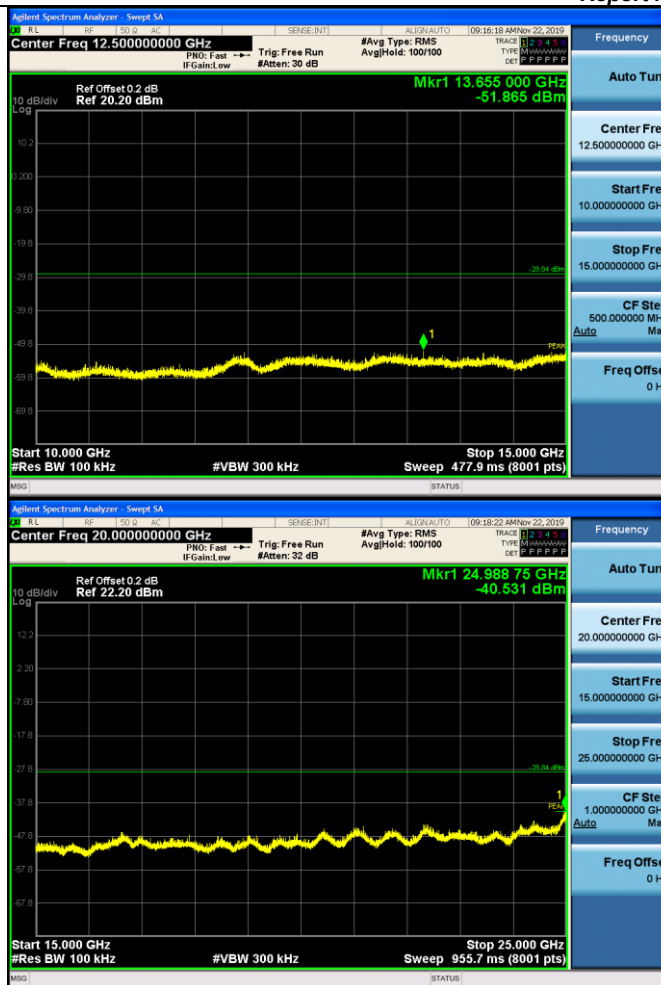
11G MCH Graphs

Pref/11G/MCH



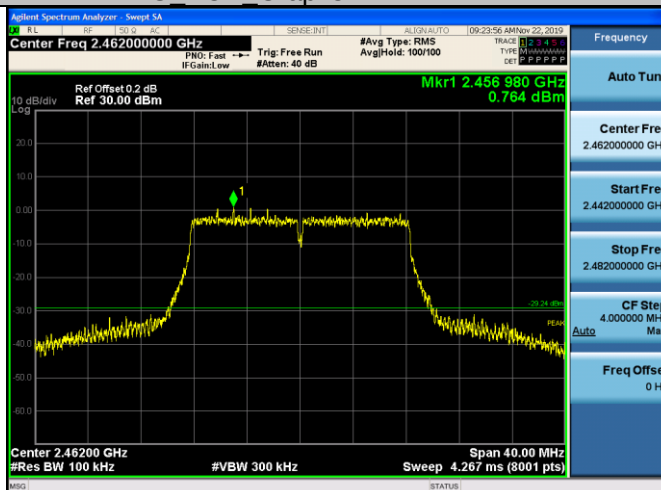
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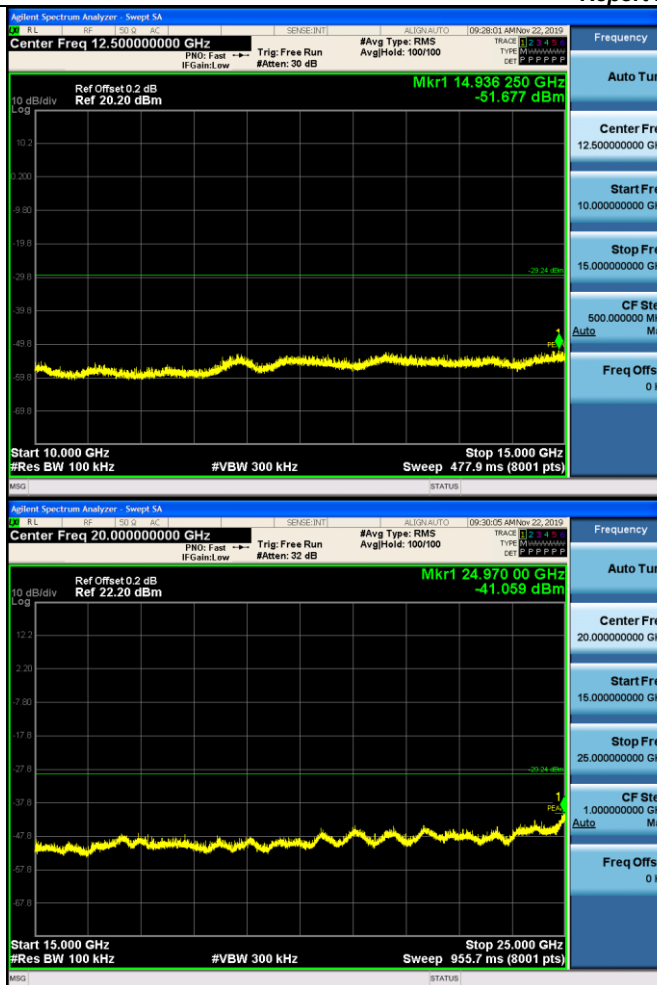
11G HCH Graphs

Pref/11G/HCH



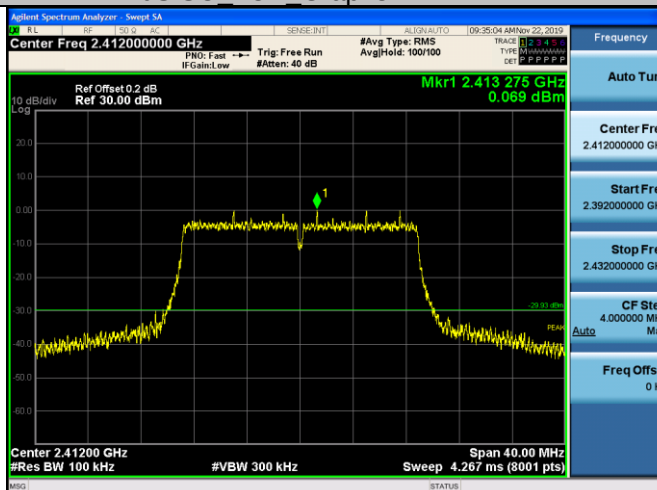
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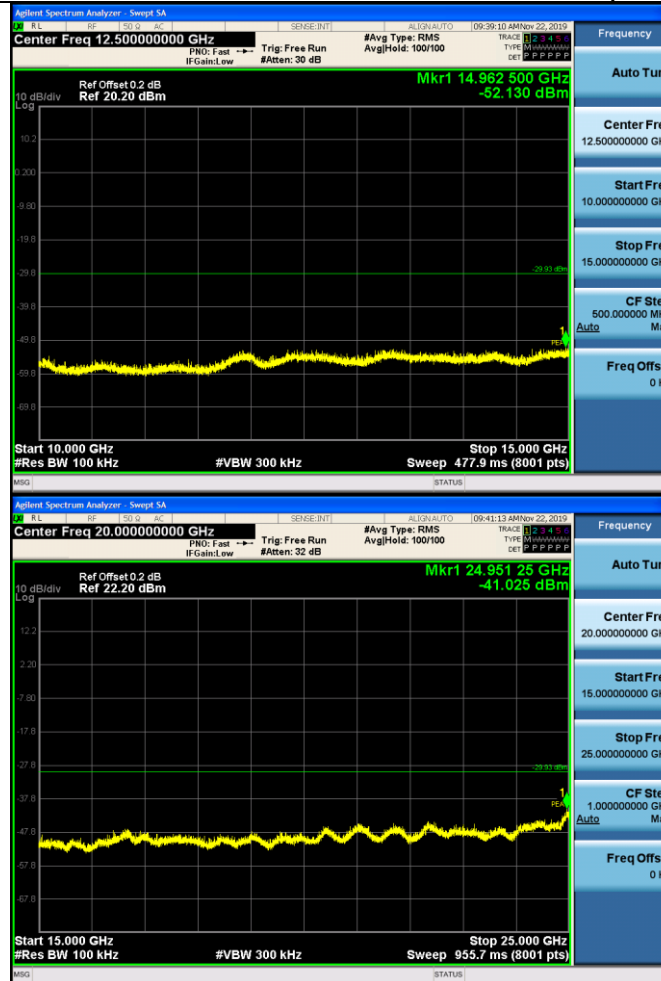
11N20SISO LCH Graphs

Pref/11N20SIS
O/LCH



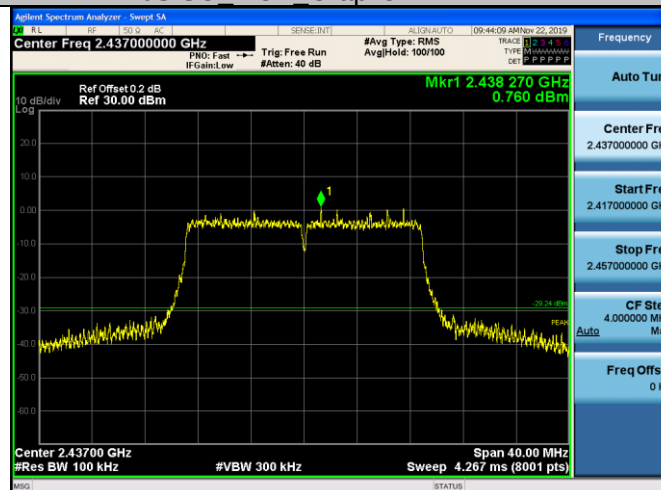
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11N20SISO MCH Graphs

Pref/11N20SIS
O/MCH



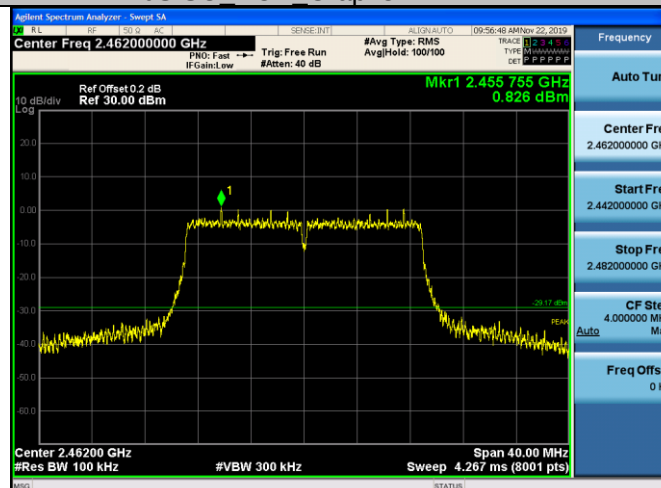
Puw/11N20SIS
O/MCH





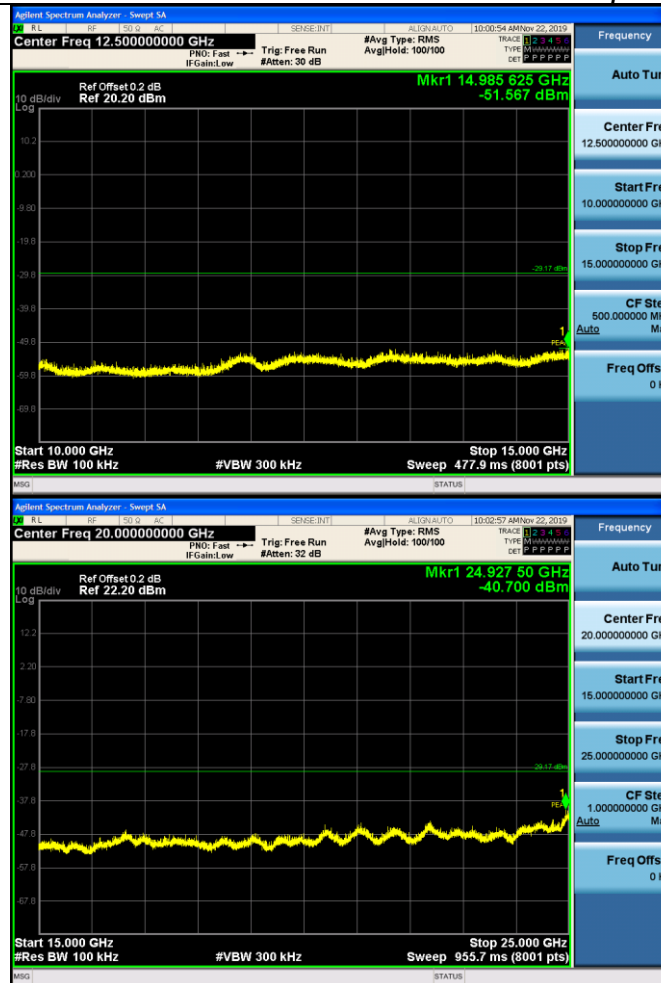
11N20SISO HCH Graphs

Pref/11N20SIS
O/HCH



Puw/11N20SIS
O/HCH





11N40SISO LCH Graphs

Pref/11N40SIS
O/LCH

