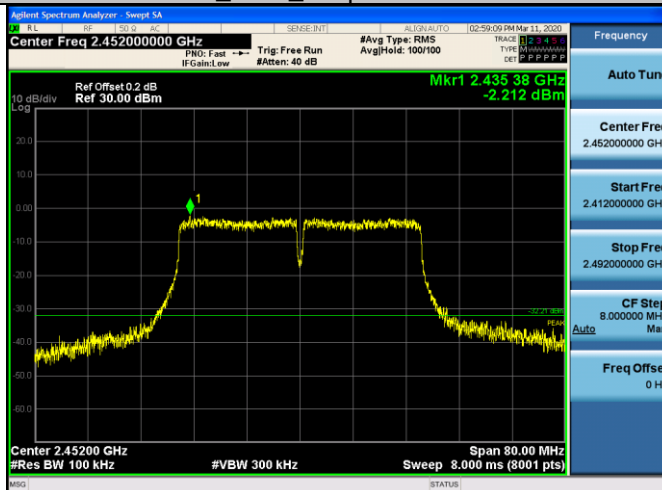


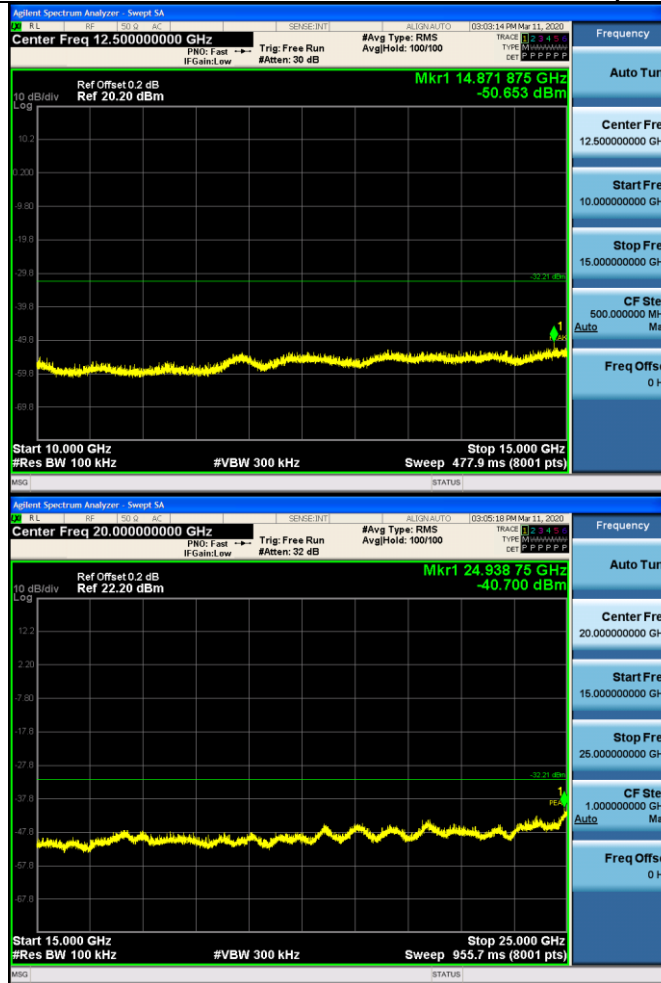
11N40SISO_HCH_Graphs

Pref/11N40SIS
O/HCH



Puw/11N40SIS
O/HCH



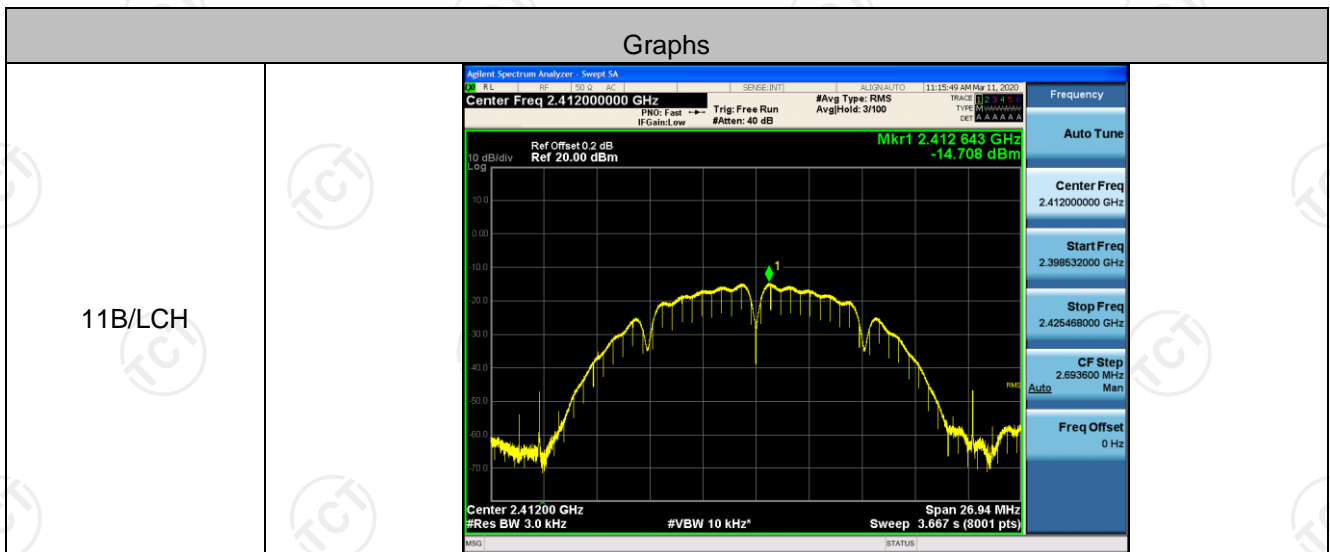


Power Spectral Density

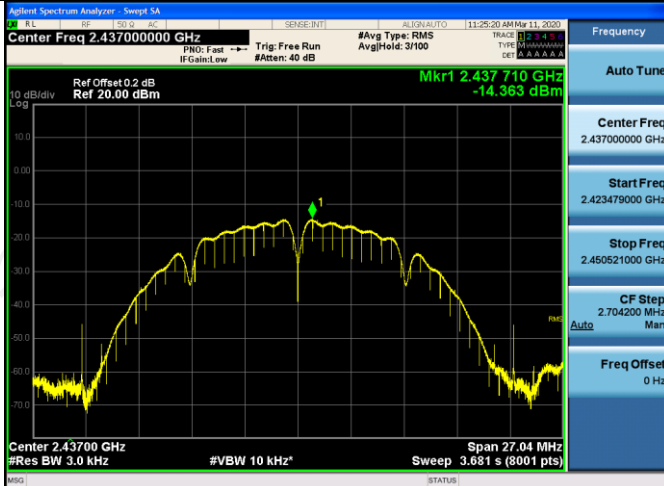
Result Table

Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	-14.708	PASS
11B	MCH	-14.363	PASS
11B	HCH	-14.539	PASS
11G	LCH	-17.180	PASS
11G	MCH	-17.192	PASS
11G	HCH	-17.449	PASS
11N20SISO	LCH	-16.191	PASS
11N20SISO	MCH	-16.686	PASS
11N20SISO	HCH	-17.664	PASS
11N40SISO	LCH	-20.370	PASS
11N40SISO	MCH	-21.186	PASS
11N40SISO	HCH	-21.529	PASS

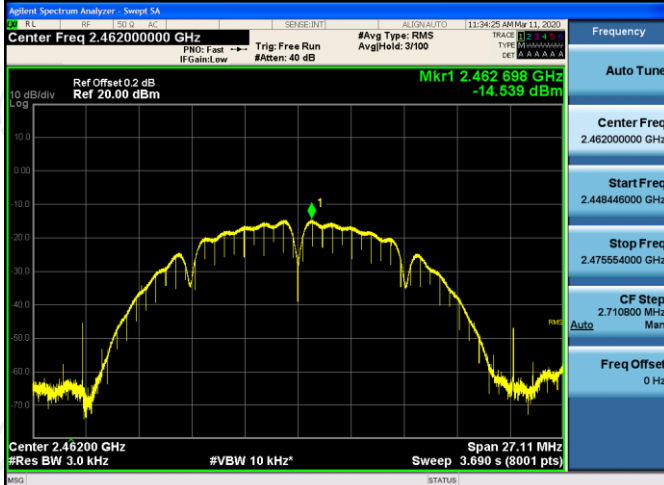
Test Graph



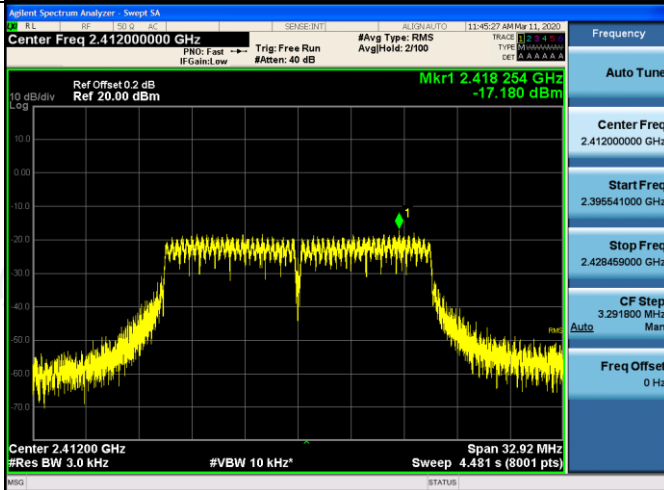
11B/MCH



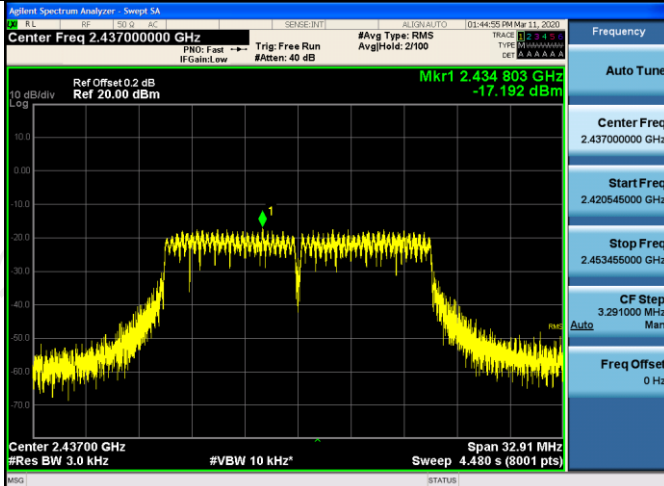
11B/HCH



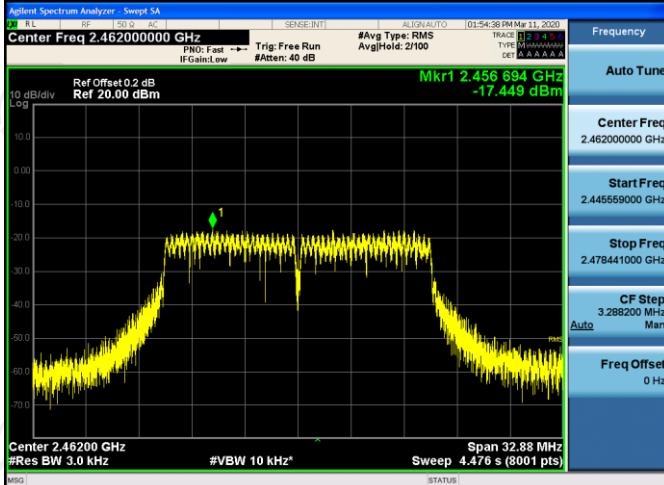
11G/LCH



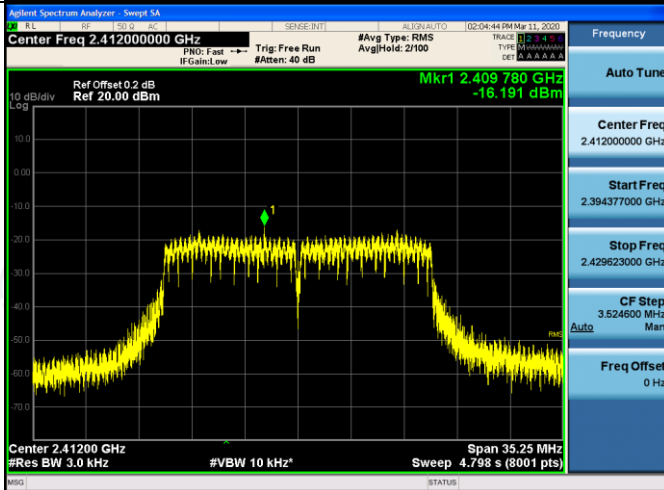
11G/MCH

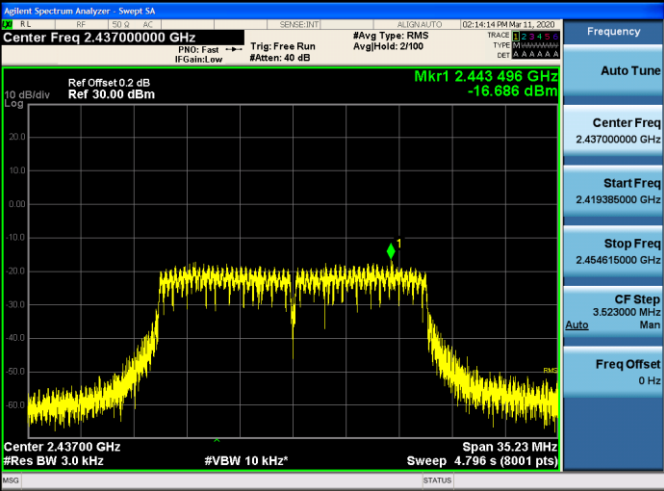
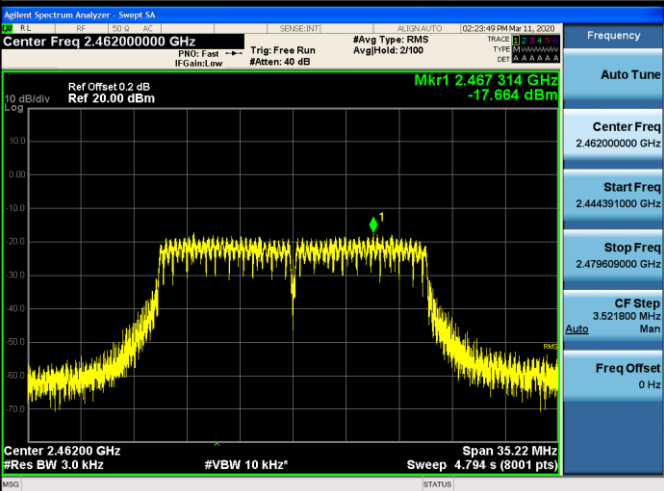
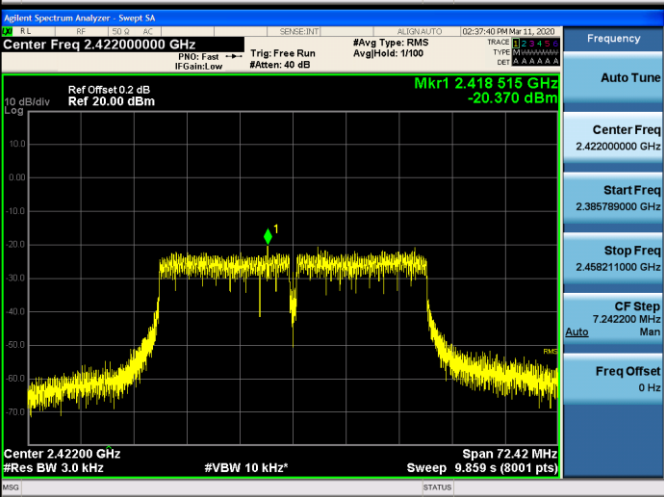


11G/HCH



11N20SISO/LCH



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

<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.43700000 GHz Ref Offset 0.2 dB Ref 20.00 dBm Mkr1 2.440394 GHz -21.186 dBm Span 72.40 MHz #Res BW 10 kHz #VBW 10 kHz Sweep 9.855 s (8001 pts)</p>
<p>11N40SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.45200000 GHz Ref Offset 0.2 dB Ref 20.00 dBm Mkr1 2.468519 GHz -21.529 dBm Span 72.41 MHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 9.858 s (8001 pts)</p>

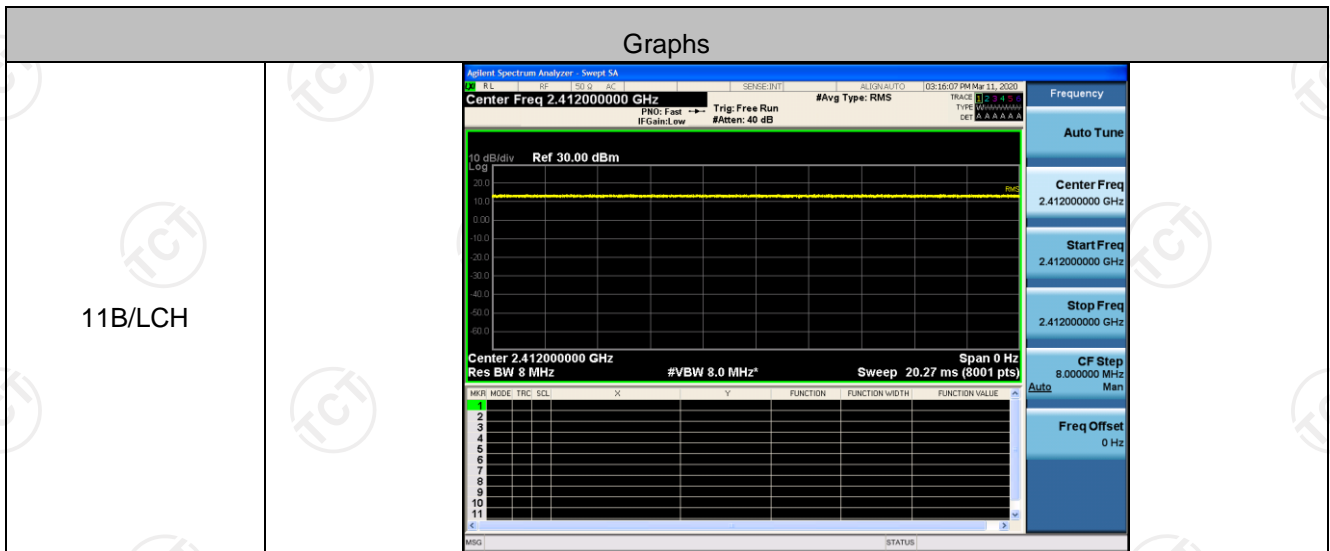
Antenna 1

Duty Cycle

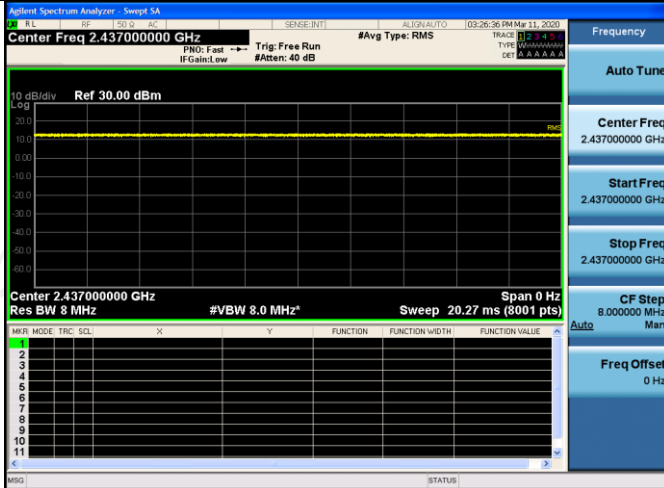
Result Table

Mode	Channel	Meas.Level [%]
11B	LCH	100
11B	MCH	100
11B	HCH	100
11G	LCH	100
11G	MCH	100
11G	HCH	100
11N20SISO	LCH	100
11N20SISO	MCH	100
11N20SISO	HCH	100
11N40SISO	LCH	100
11N40SISO	MCH	100
11N40SISO	HCH	100

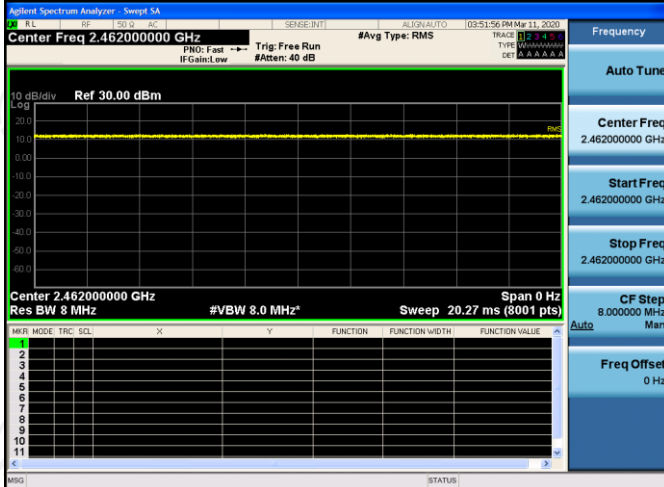
Test Graph



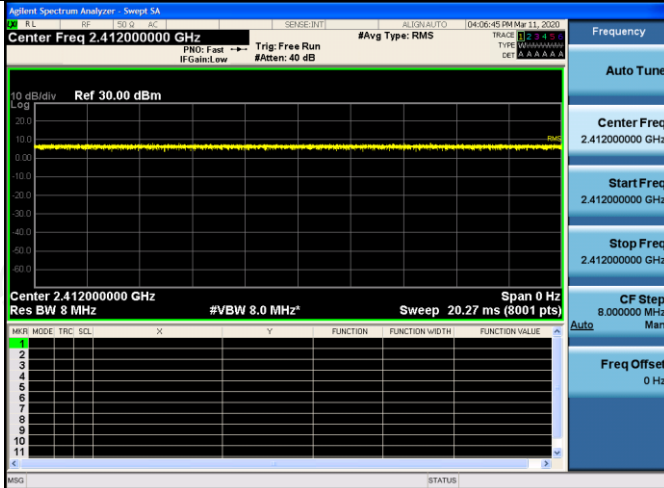
11B/MCH



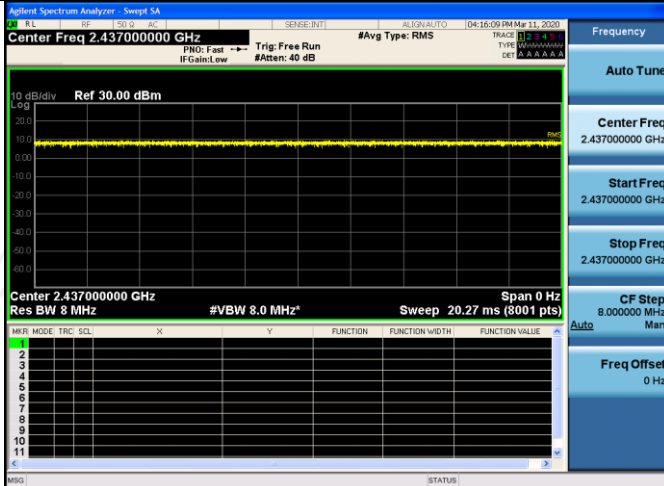
11B/HCH



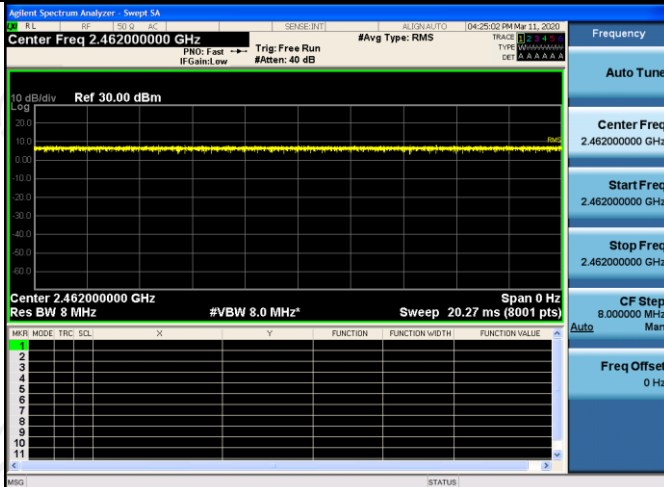
11G/LCH



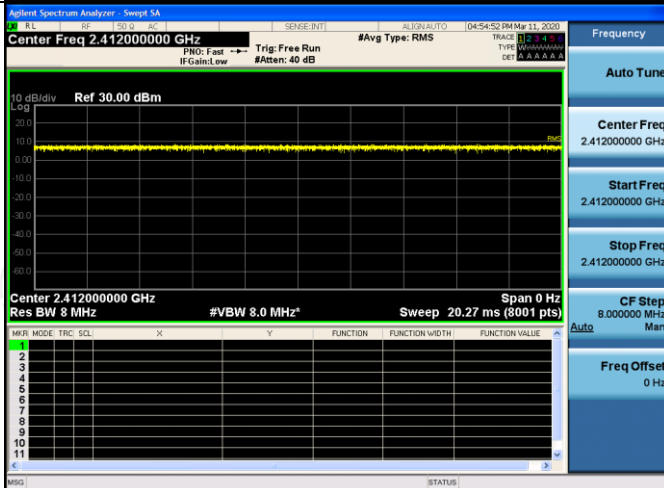
11G/MCH



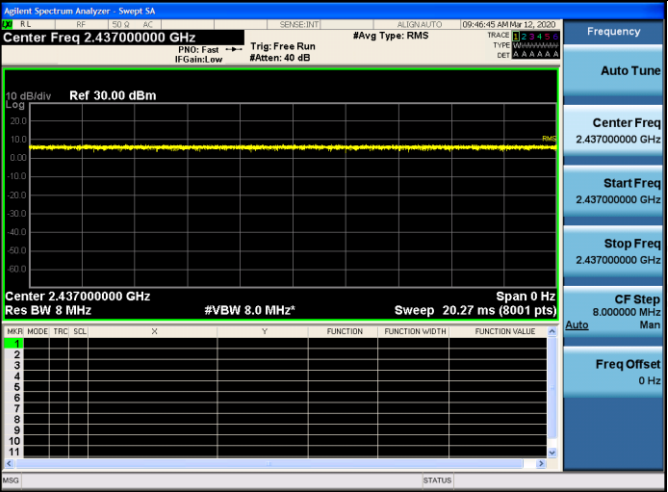
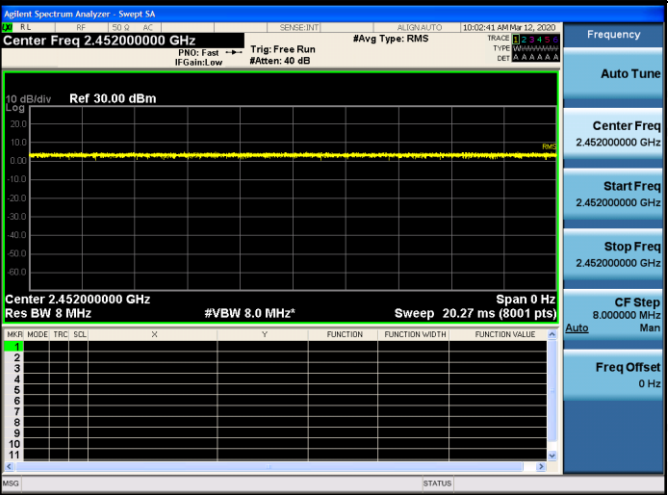
11G/HCH



11N20SISO/LCH



<p>11N20SISO/MCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.437000000 GHz</p> <p>Start Freq 2.437000000 GHz</p> <p>Stop Freq 2.437000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N20SISO/HCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.462000000 GHz</p> <p>Start Freq 2.462000000 GHz</p> <p>Stop Freq 2.462000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/LCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.422000000 GHz</p> <p>Start Freq 2.422000000 GHz</p> <p>Stop Freq 2.422000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p>

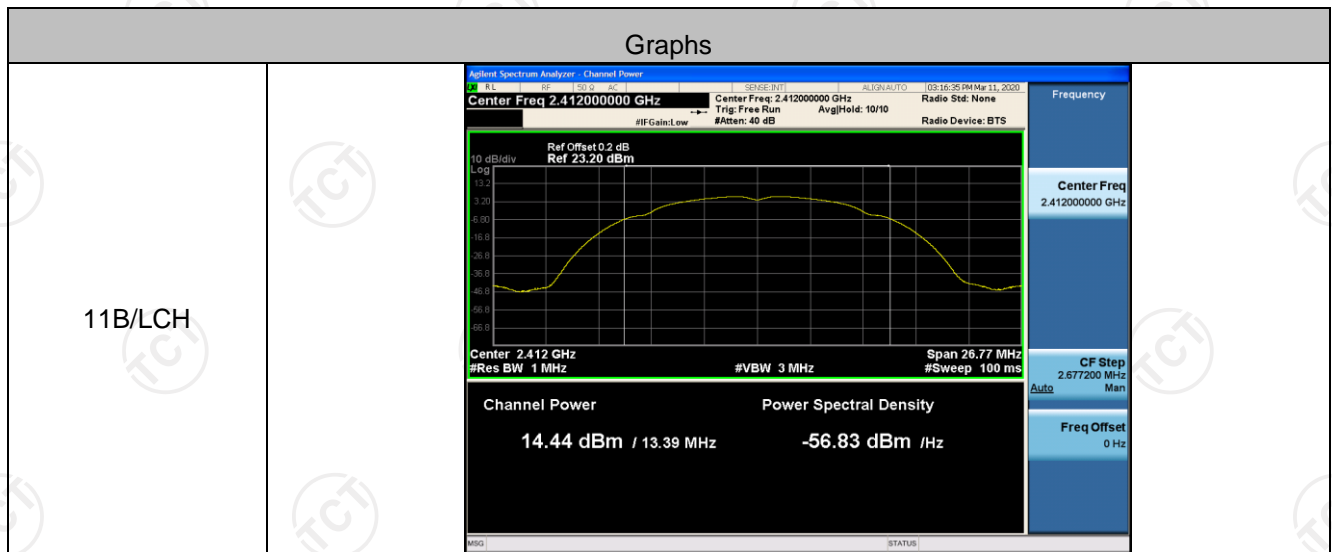
<p>11N40SISO/MCH</p>	
<p>11N40SISO/HCH</p>	

Conducted Average Output Power

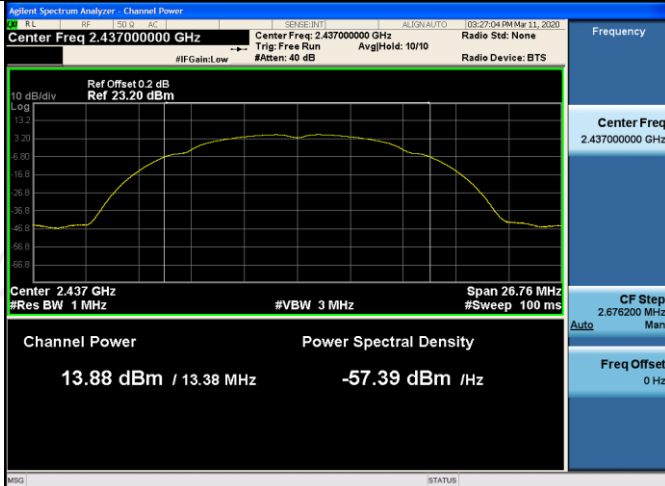
Result Table

Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	14.44	PASS
11B	MCH	13.88	PASS
11B	HCH	13.30	PASS
11G	LCH	10.43	PASS
11G	MCH	12.29	PASS
11G	HCH	10.63	PASS
11N20SISO	LCH	11.38	PASS
11N20SISO	MCH	13.24	PASS
11N20SISO	HCH	10.66	PASS
11N40SISO	LCH	12.11	PASS
11N40SISO	MCH	13.42	PASS
11N40SISO	HCH	10.89	PASS

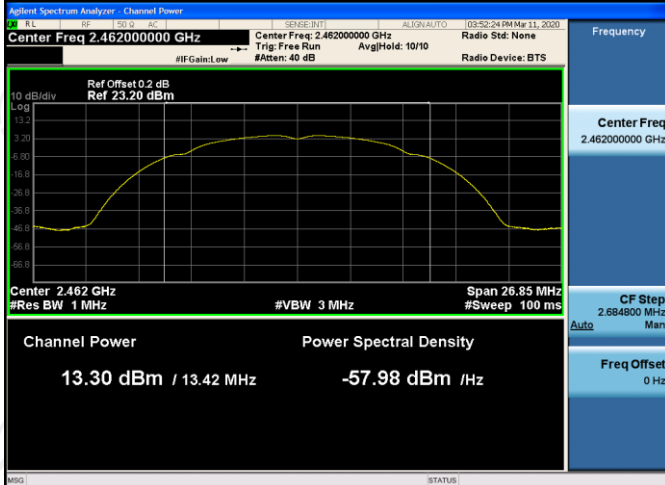
Test Graph



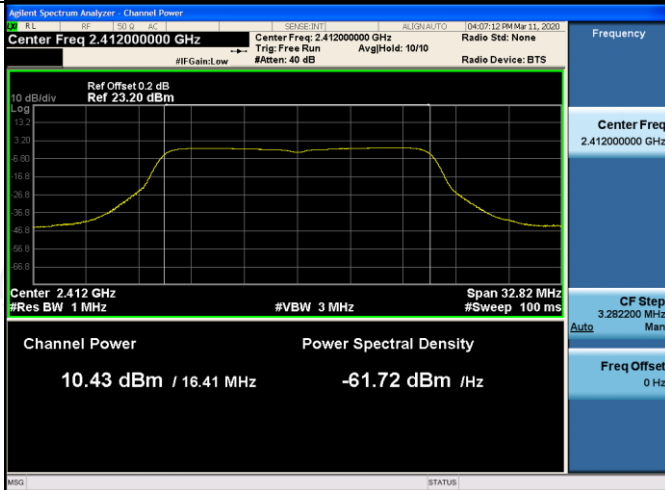
11B/MCH



11B/HCH



11G/LCH



<p>11G/MCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.437000000 GHz</p> <p>Channel Power: 12.29 dBm / 16.39 MHz</p> <p>Power Spectral Density: -59.86 dBm /Hz</p>	<p>Frequency</p> <p>Center Freq: 2.437000000 GHz</p> <p>CF Step: 3.278600 MHz</p> <p>Freq Offset: 0 Hz</p>
<p>11G/HCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.462000000 GHz</p> <p>Channel Power: 10.63 dBm / 16.42 MHz</p> <p>Power Spectral Density: -61.52 dBm /Hz</p>	<p>Frequency</p> <p>Center Freq: 2.462000000 GHz</p> <p>CF Step: 3.283200 MHz</p> <p>Freq Offset: 0 Hz</p>
<p>11N20SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.412000000 GHz</p> <p>Channel Power: 11.38 dBm / 17.58 MHz</p> <p>Power Spectral Density: -61.07 dBm /Hz</p>	<p>Frequency</p> <p>Center Freq: 2.412000000 GHz</p> <p>CF Step: 3.515600 MHz</p> <p>Freq Offset: 0 Hz</p>

<p>11N20SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.437000000 GHz</p> <p>Channel Power: 13.24 dBm / 17.57 MHz</p> <p>Power Spectral Density: -59.21 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 3.513600 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.462000000 GHz</p> <p>Channel Power: 10.66 dBm / 17.57 MHz</p> <p>Power Spectral Density: -61.79 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 3.514400 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.422000000 GHz</p> <p>Channel Power: 12.11 dBm / 36.16 MHz</p> <p>Power Spectral Density: -63.47 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.422000000 GHz</p> <p>CF Step 7.232200 MHz</p> <p>Freq Offset 0 Hz</p>

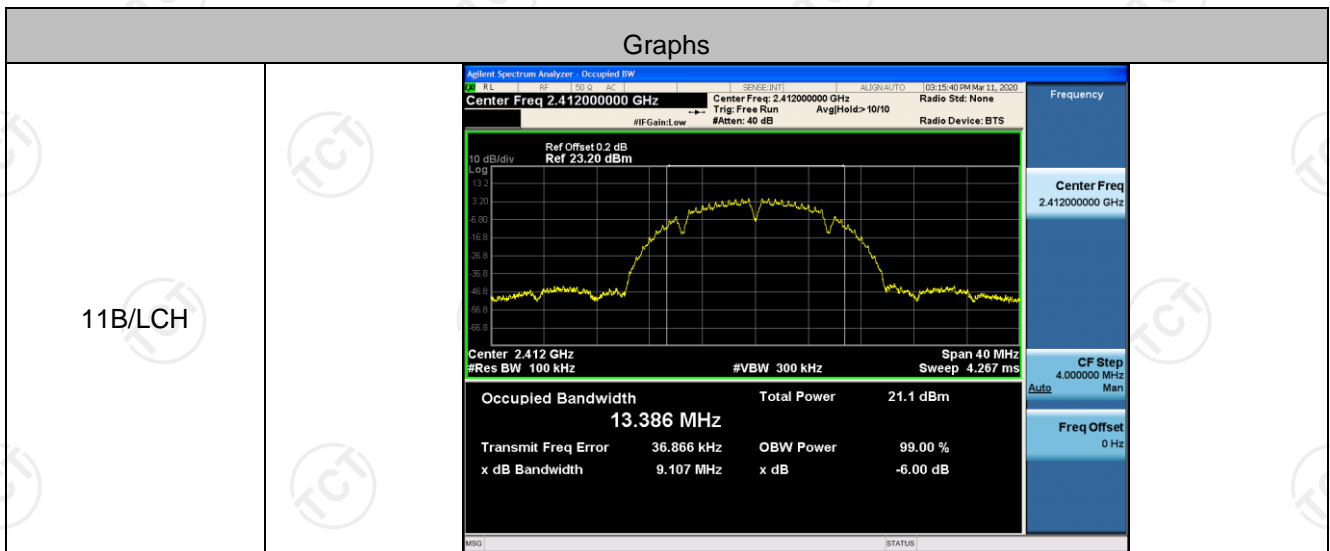
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.437000000 GHz</p> <p>Channel Power: 13.42 dBm / 36.15 MHz</p> <p>Power Spectral Density: -62.16 dBm / Hz</p> <p>Center Freq: 2.437 GHz</p>
<p>11N40SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.452000000 GHz</p> <p>Channel Power: 10.89 dBm / 36.15 MHz</p> <p>Power Spectral Density: -64.69 dBm / Hz</p> <p>Center Freq: 2.452 GHz</p>

6dB Occupied Bandwidth

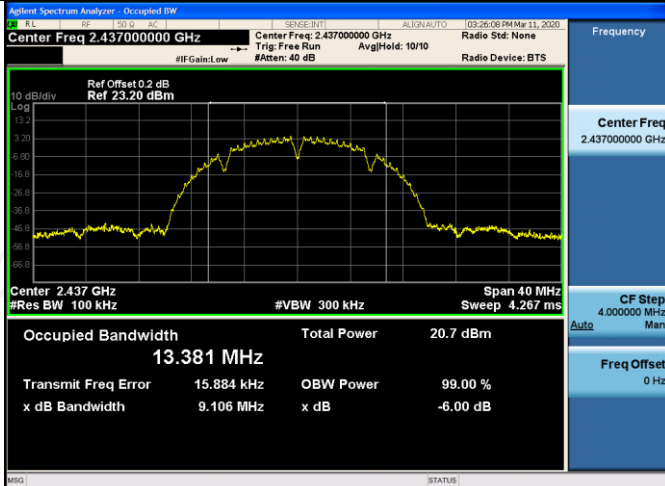
Result Table

Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	9.107	13.386	PASS
11B	MCH	9.106	13.381	PASS
11B	HCH	9.093	13.424	PASS
11G	LCH	16.53	16.411	PASS
11G	MCH	16.51	16.393	PASS
11G	HCH	16.55	16.416	PASS
11N20SISO	LCH	17.65	17.578	PASS
11N20SISO	MCH	17.64	17.568	PASS
11N20SISO	HCH	17.64	17.572	PASS
11N40SISO	LCH	36.48	36.161	PASS
11N40SISO	MCH	36.49	36.147	PASS
11N40SISO	HCH	36.48	36.152	PASS

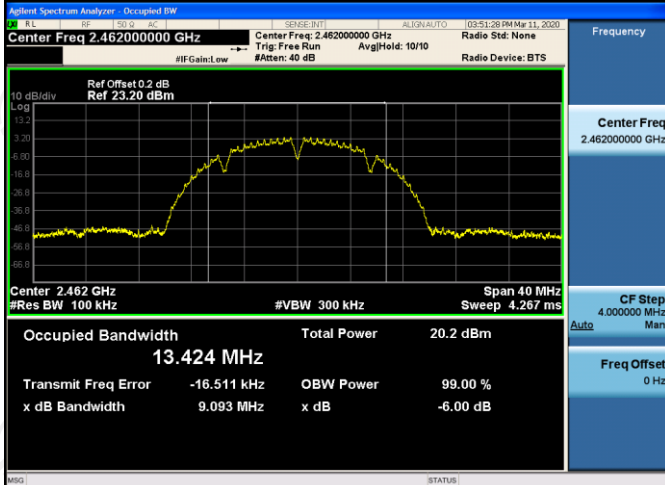
Test Graph



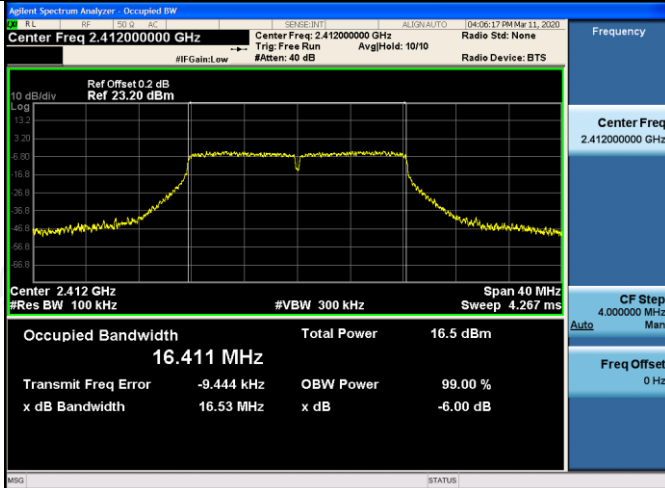
11B/MCH



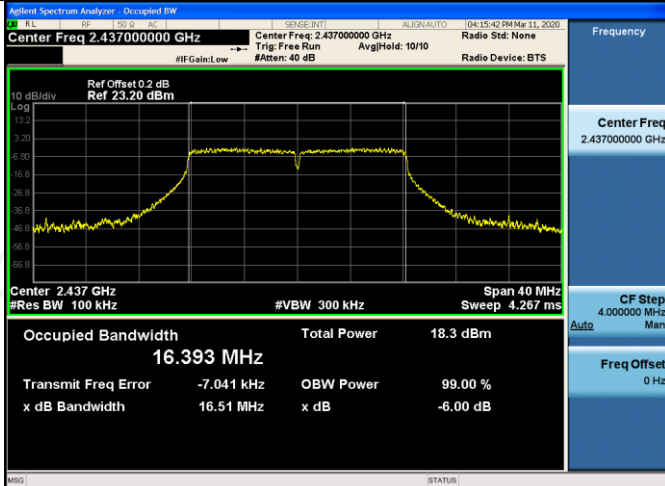
11B/HCH



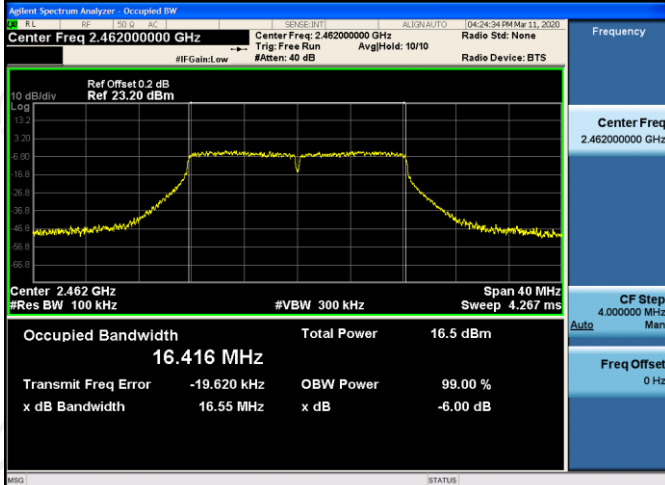
11G/LCH



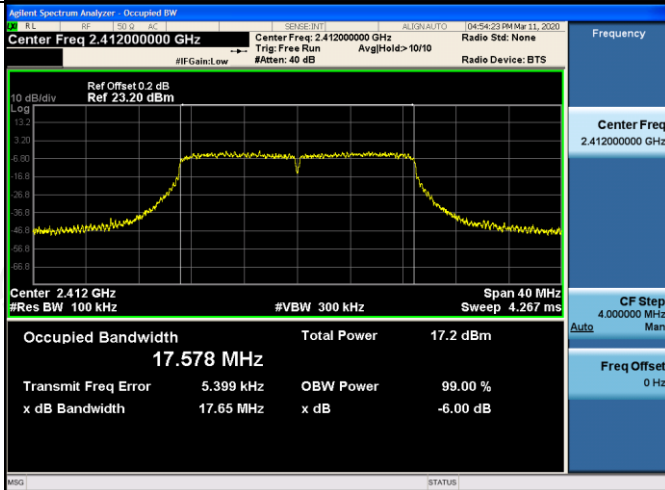
11G/MCH



11G/HCH



11N20SISO/LCH



<p>11N20SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.437000000 GHz</p> <p>Occupied Bandwidth: 17.568 MHz</p> <p>Total Power: 19.2 dBm</p> <p>Transmit Freq Error: 1.738 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 17.64 MHz</p> <p>x dB: -6.00 dB</p>
<p>11N20SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.462000000 GHz</p> <p>Occupied Bandwidth: 17.572 MHz</p> <p>Total Power: 16.6 dBm</p> <p>Transmit Freq Error: -4.928 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 17.64 MHz</p> <p>x dB: -6.00 dB</p>
<p>11N40SISO/LCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.422000000 GHz</p> <p>Occupied Bandwidth: 36.161 MHz</p> <p>Total Power: 18.1 dBm</p> <p>Transmit Freq Error: 25.398 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 36.48 MHz</p> <p>x dB: -6.00 dB</p>

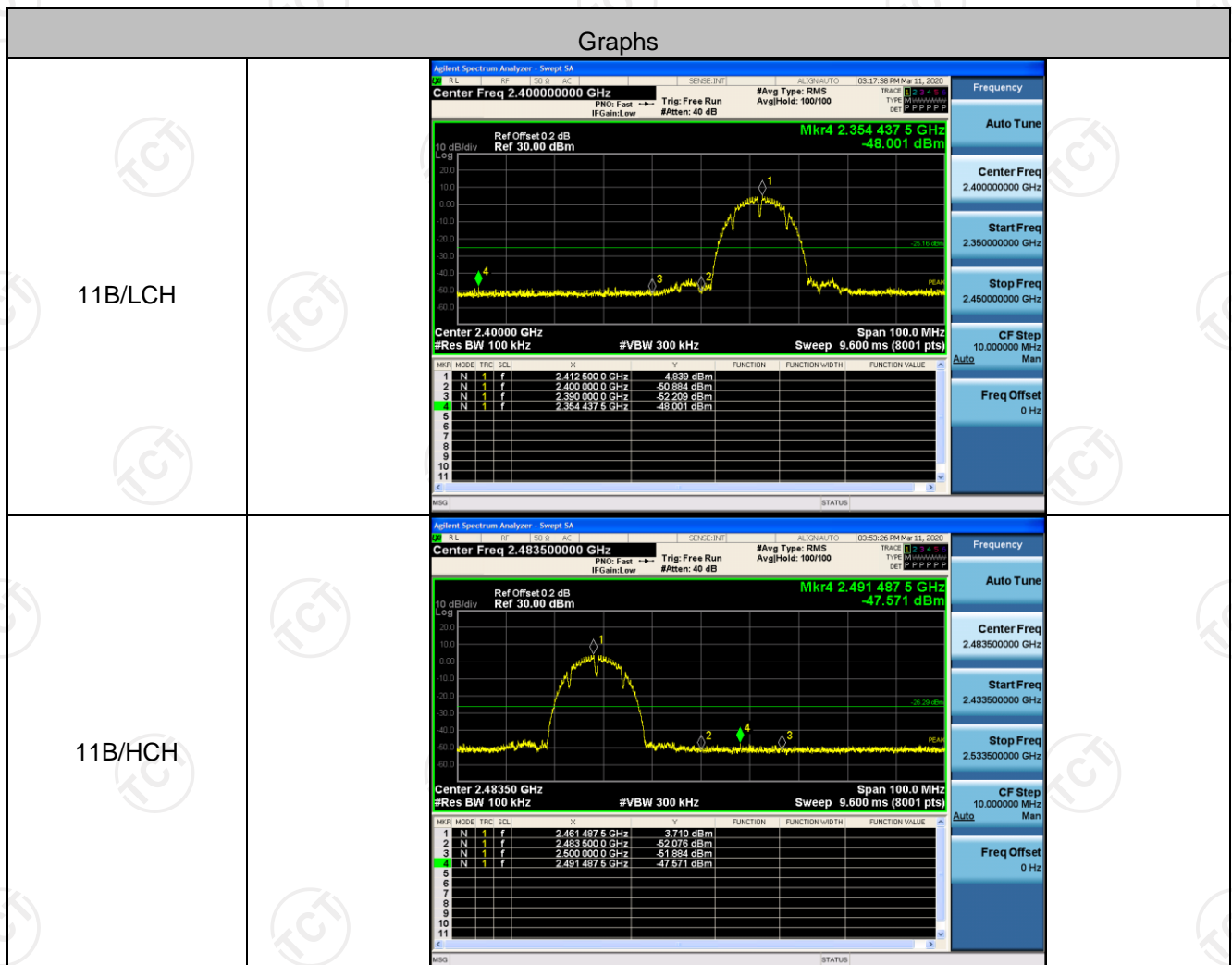
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>#IFGain: Low #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset 0.2 dB Ref 23.20 dBm</p> <p>10 dB/div Log</p> <p>Center 2.437 GHz Span 80 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 8 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>19.4 dBm</td> </tr> <tr> <td>36.147 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>11.353 kHz</td> <td>OBW Power</td> </tr> <tr> <td>x dB Bandwidth</td> <td>36.49 MHz</td> <td>x dB</td> </tr> <tr> <td></td> <td></td> <td>99.00 %</td> </tr> <tr> <td></td> <td></td> <td>-6.00 dB</td> </tr> </table> <p>Frequency: 2.437000000 GHz</p> <p>CF Step: 8.000000 MHz</p> <p>Freq Offset: 0 Hz</p>	Occupied Bandwidth	Total Power	19.4 dBm	36.147 MHz			Transmit Freq Error	11.353 kHz	OBW Power	x dB Bandwidth	36.49 MHz	x dB			99.00 %			-6.00 dB
Occupied Bandwidth	Total Power	19.4 dBm																	
36.147 MHz																			
Transmit Freq Error	11.353 kHz	OBW Power																	
x dB Bandwidth	36.49 MHz	x dB																	
		99.00 %																	
		-6.00 dB																	
<p>11N40SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.452000000 GHz</p> <p>Center Freq: 2.452000000 GHz</p> <p>Trig: Free Run Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>#IFGain: Low #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset 0.2 dB Ref 23.20 dBm</p> <p>10 dB/div Log</p> <p>Center 2.452 GHz Span 80 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 8 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>Total Power</td> <td>16.8 dBm</td> </tr> <tr> <td>36.152 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>-5.442 kHz</td> <td>OBW Power</td> </tr> <tr> <td>x dB Bandwidth</td> <td>36.48 MHz</td> <td>x dB</td> </tr> <tr> <td></td> <td></td> <td>99.00 %</td> </tr> <tr> <td></td> <td></td> <td>-6.00 dB</td> </tr> </table> <p>Frequency: 2.452000000 GHz</p> <p>CF Step: 8.000000 MHz</p> <p>Freq Offset: 0 Hz</p>	Occupied Bandwidth	Total Power	16.8 dBm	36.152 MHz			Transmit Freq Error	-5.442 kHz	OBW Power	x dB Bandwidth	36.48 MHz	x dB			99.00 %			-6.00 dB
Occupied Bandwidth	Total Power	16.8 dBm																	
36.152 MHz																			
Transmit Freq Error	-5.442 kHz	OBW Power																	
x dB Bandwidth	36.48 MHz	x dB																	
		99.00 %																	
		-6.00 dB																	

Band-edge for RF Conducted Emissions

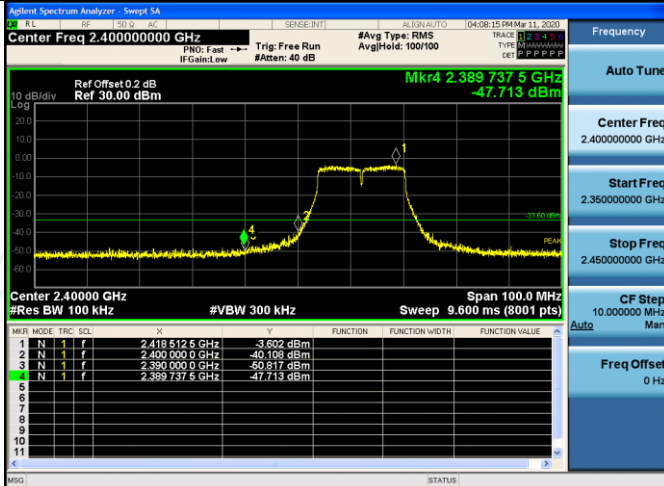
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.839	-48.001	-25.16	PASS
11B	HCH	3.710	-47.571	-26.29	PASS
11G	LCH	-3.602	-47.713	-33.60	PASS
11G	HCH	-3.569	-48.526	-33.57	PASS
11N20SISO	LCH	-2.872	-46.160	-32.87	PASS
11N20SISO	HCH	-3.035	-48.369	-33.04	PASS
11N40SISO	LCH	-5.070	-41.893	-35.07	PASS
11N40SISO	HCH	-6.561	-46.388	-36.56	PASS

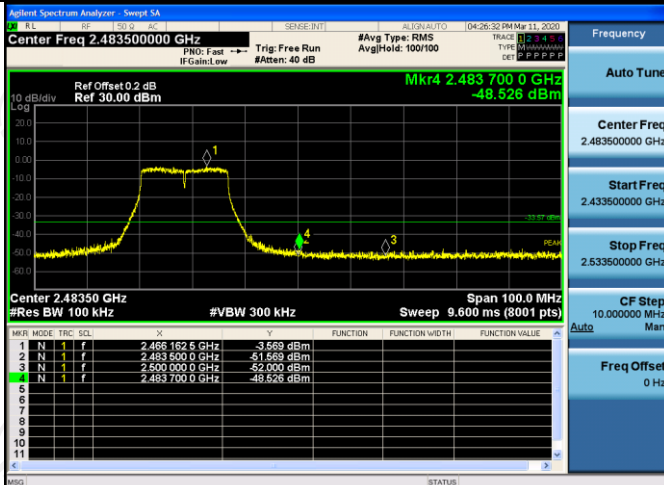
Test Graph



11G/LCH



11G/HCH



11N20SISO/LCH

