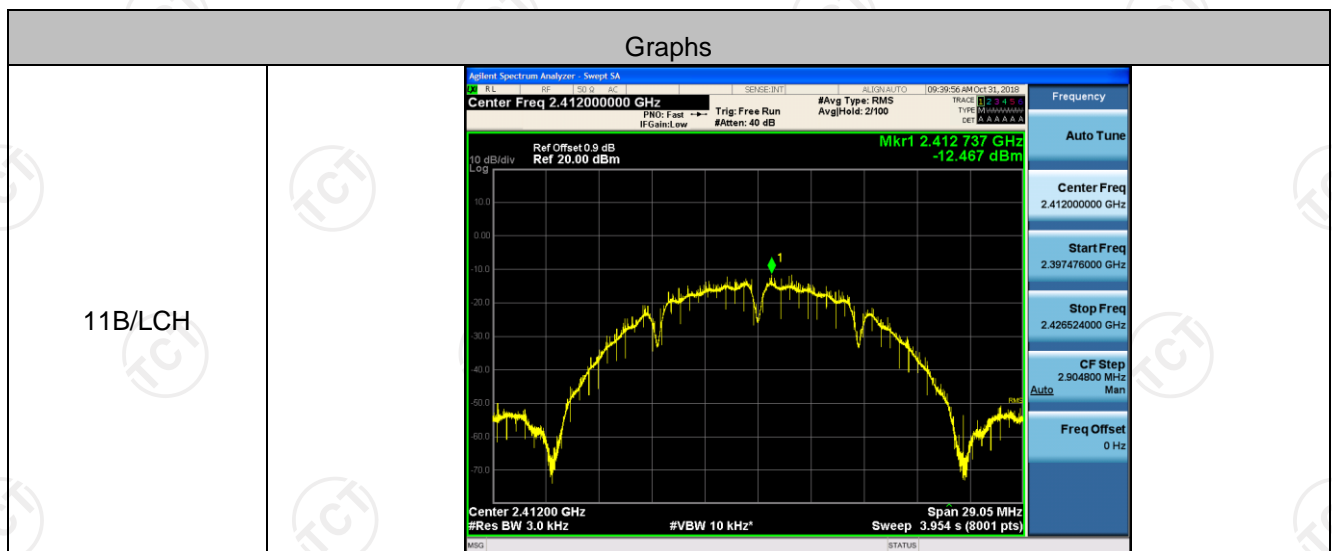


Power Spectral Density

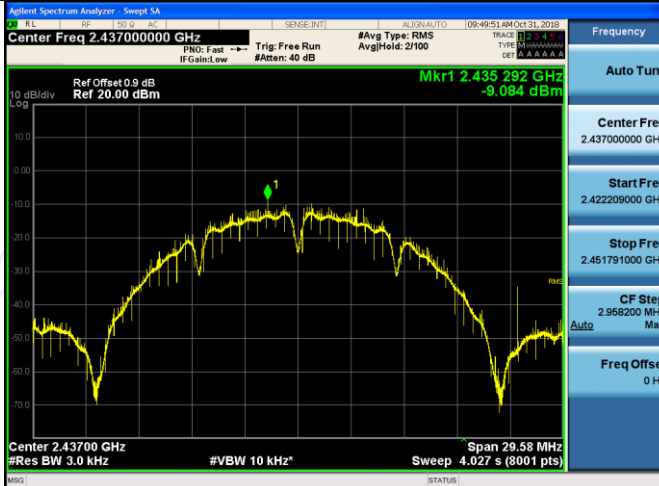
Result Table

Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	-12.467	PASS
11B	MCH	-9.084	PASS
11B	HCH	-10.414	PASS
11G	LCH	-14.293	PASS
11G	MCH	-12.602	PASS
11G	HCH	-12.975	PASS
11N20SISO	LCH	-12.762	PASS
11N20SISO	MCH	-11.709	PASS
11N20SISO	HCH	-12.122	PASS
11N40SISO	LCH	-17.519	PASS
11N40SISO	MCH	-16.013	PASS
11N40SISO	HCH	-16.881	PASS

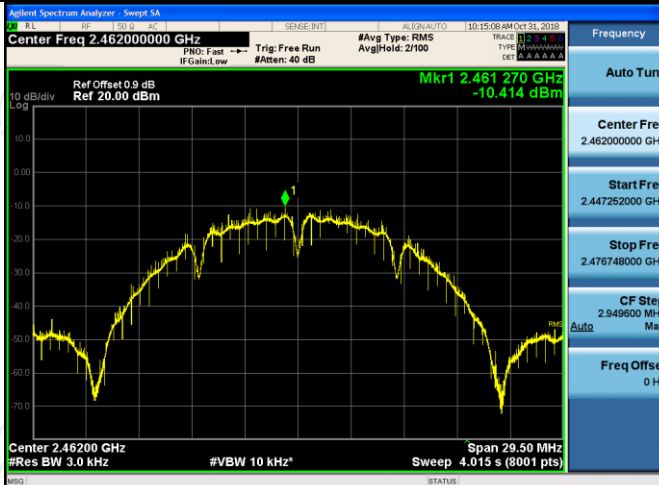
Test Graph



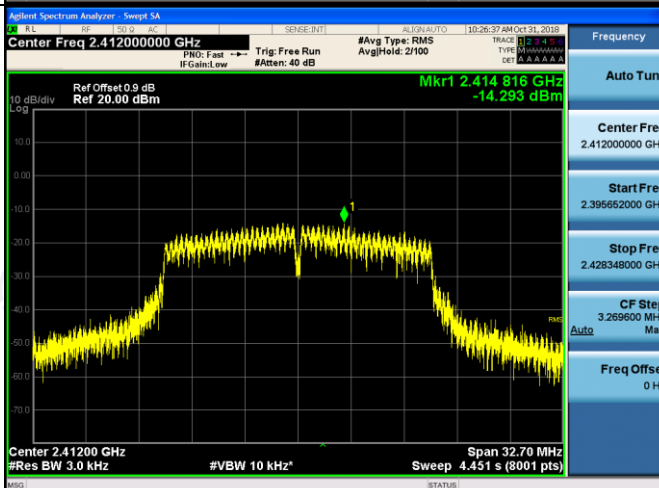
11B/MCH



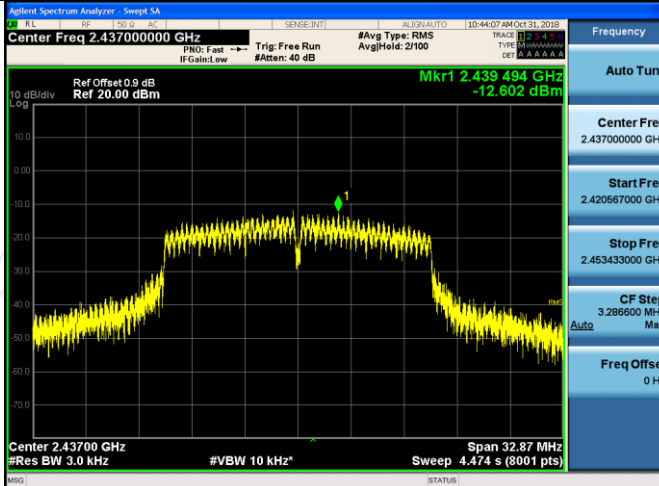
11B/HCH



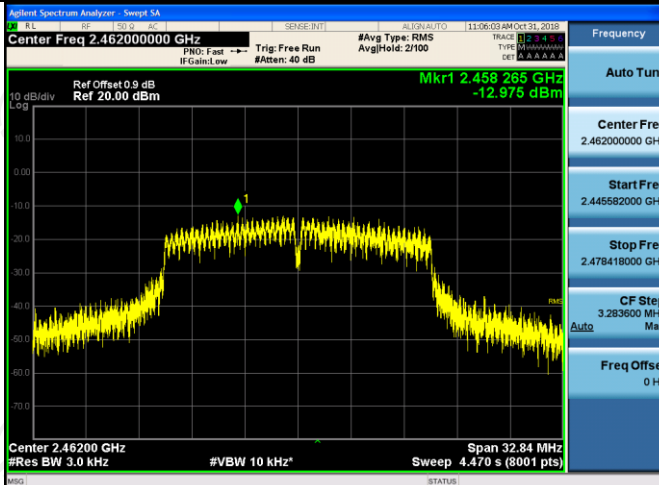
11G/LCH



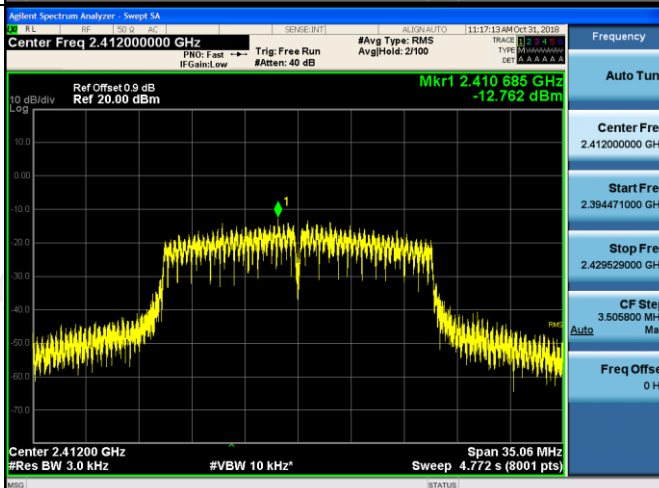
11G/MCH

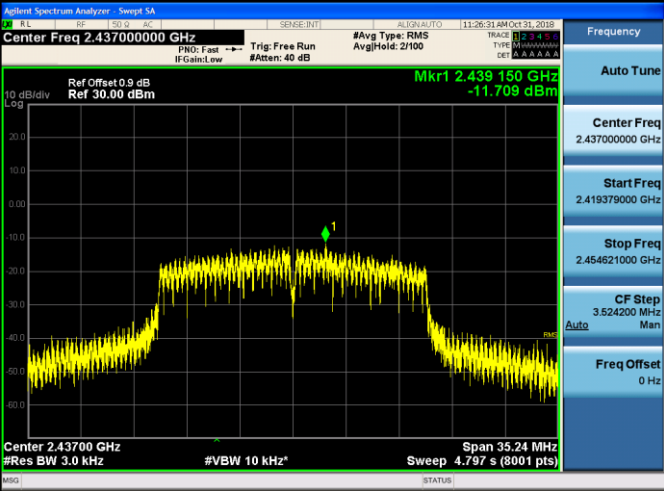
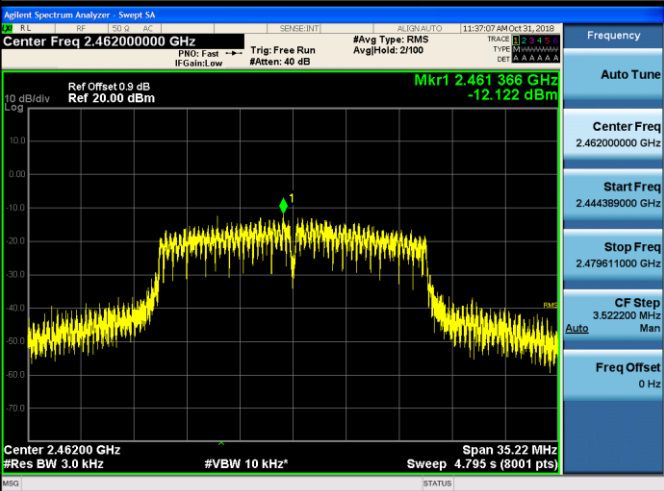
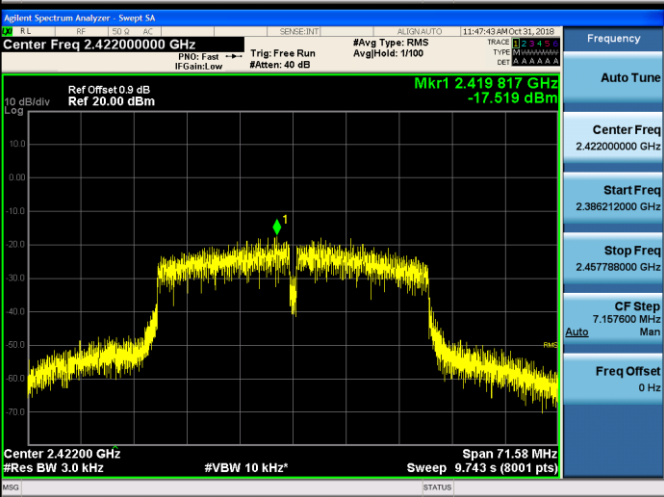


11G/HCH



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 0.9 dB Ref 20.00 dBm Mkr1 2.434158 GHz -16.013 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 71.95 MHz Sweep 9.794 s (8001 pts)</p>
<p>11N40SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.45200000 GHz Ref Offset 0.9 dB Ref 20.00 dBm Mkr1 2.456986 GHz -16.981 dBm Center 2.45200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 72.00 MHz Sweep 9.801 s (8001 pts)</p>

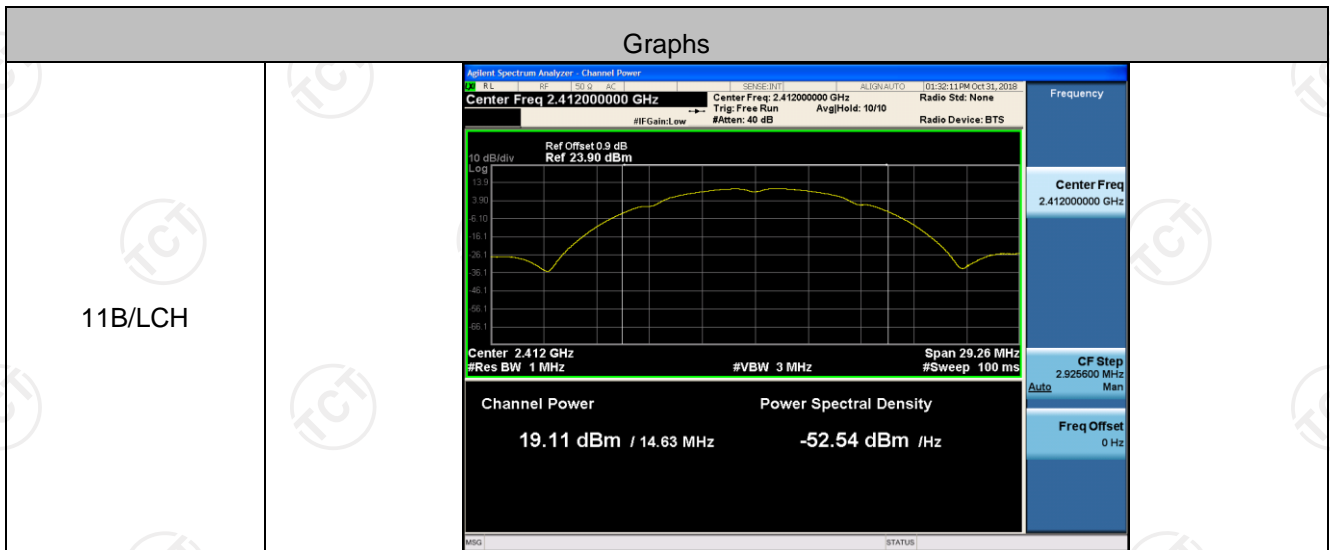
Antenna 1

Conducted Average Output Power

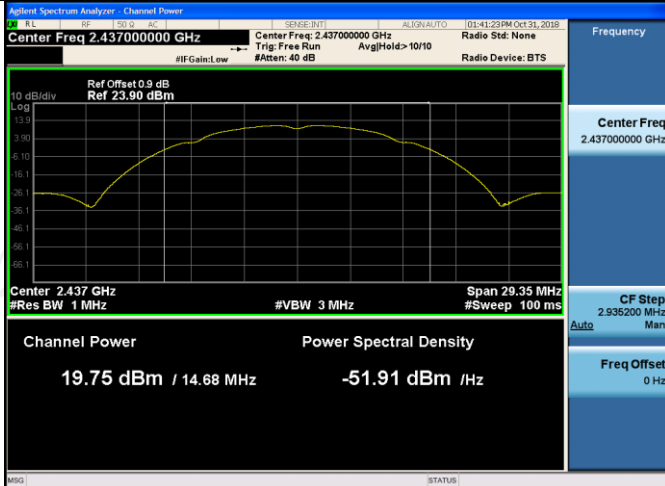
Result Table

Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	19.11	PASS
11B	MCH	19.75	PASS
11B	HCH	18.43	PASS
11G	LCH	17.00	PASS
11G	MCH	19.43	PASS
11G	HCH	18.20	PASS
11N20SISO	LCH	17.76	PASS
11N20SISO	MCH	19.31	PASS
11N20SISO	HCH	18.07	PASS
11N40SISO	LCH	18.02	PASS
11N40SISO	MCH	19.09	PASS
11N40SISO	HCH	19.11	PASS

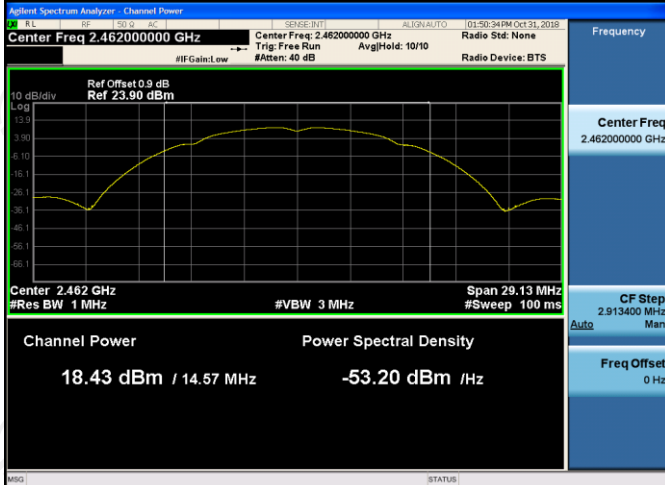
Test Graph



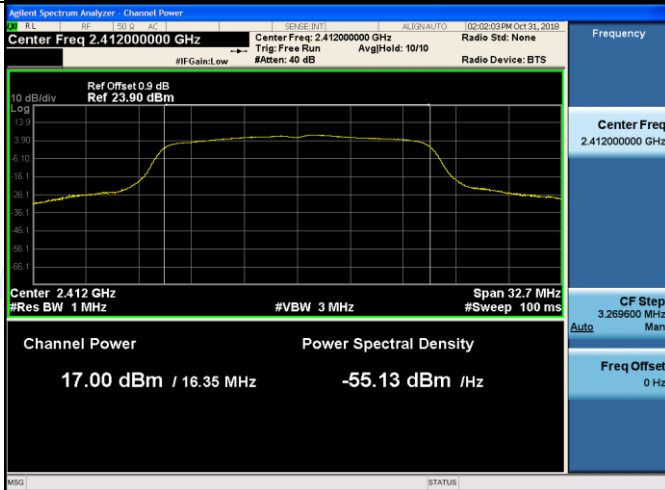
11B/MCH



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: 19.43 dBm / 16.43 MHz</p> <p>Power Spectral Density: -52.73 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 3.285000 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: 18.20 dBm / 16.38 MHz</p> <p>Power Spectral Density: -53.95 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 3.275000 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: 17.76 dBm / 17.54 MHz</p> <p>Power Spectral Density: -54.68 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.412000000 GHz</p> <p>CF Step 3.508400 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>Ref Offset 0.9 dB Ref 20.00 dBm</p> <p>Center 2.437 GHz #Res BW 1 MHz</p> <p>Power Spectral Density -53.14 dBm /Hz</p> <p>Channel Power 19.31 dBm / 17.57 MHz</p> <p>Span 35.15 MHz #Sweep 100 ms</p> <p>Frequency Center Freq 2.43700000 GHz</p> <p>CF Step 3.514800 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>Ref Offset 0.9 dB Ref 23.90 dBm</p> <p>Center 2.462 GHz #Res BW 1 MHz</p> <p>Power Spectral Density -54.37 dBm /Hz</p> <p>Channel Power 18.07 dBm / 17.54 MHz</p> <p>Span 35.08 MHz #Sweep 100 ms</p> <p>Frequency Center Freq 2.46200000 GHz</p> <p>CF Step 3.508000 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>Ref Offset 0.9 dB Ref 23.90 dBm</p> <p>Center 2.422 GHz #Res BW 1 MHz</p> <p>Power Spectral Density -57.52 dBm /Hz</p> <p>Channel Power 18.02 dBm / 35.77 MHz</p> <p>Span 71.54 MHz #Sweep 100 ms</p> <p>Frequency Center Freq 2.42200000 GHz</p> <p>CF Step 7.154200 MHz</p> <p>Freq Offset 0 Hz</p>

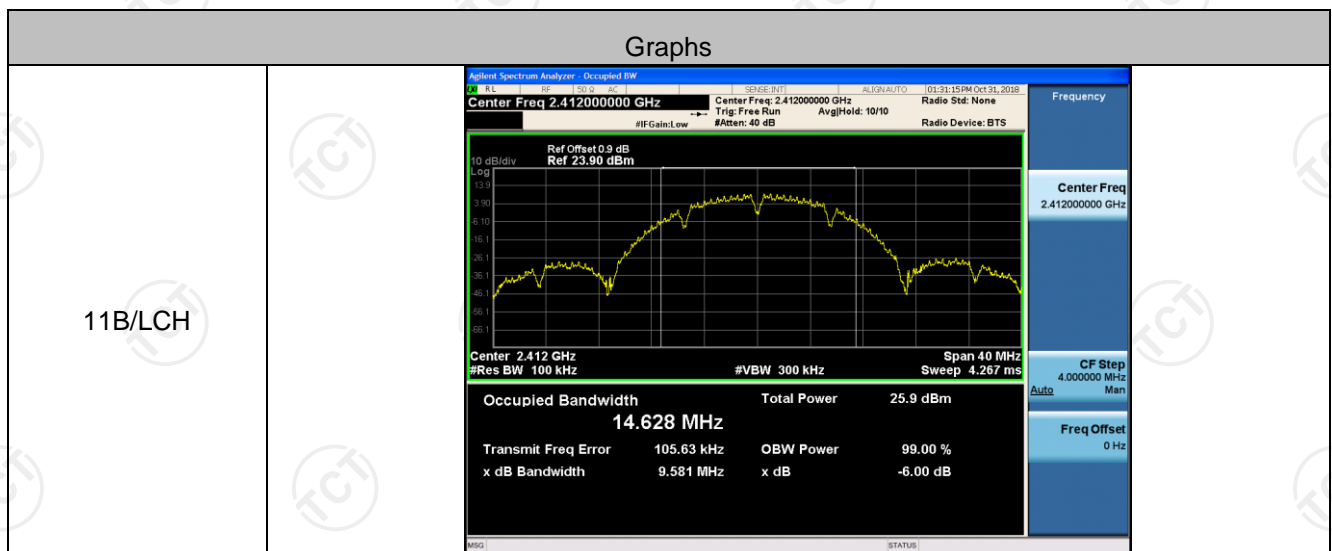
<p>11N40SISO/MCH</p>	 <p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>#IFGain: Low #Atten: 40 dB Radio Device: BTS</p> <p>Ref Offset 0.9 dB Ref 23.90 dBm</p> <p>10 dB/div Log</p> <p>Center 2.437 GHz #Res BW 1 MHz #VBW 3 MHz Span 71.59 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>19.09 dBm / 35.8 MHz -56.45 dBm /Hz</p> <p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 7.159200 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/HCH</p>	 <p>Agilent Spectrum Analyzer - Channel Power</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 0.9 dB Ref 23.90 dBm</p> <p>10 dB/div Log</p> <p>Center 2.452 GHz #Res BW 1 MHz #VBW 3 MHz Span 71.64 MHz #Sweep 100 ms</p> <p>Channel Power Power Spectral Density</p> <p>19.11 dBm / 35.82 MHz -56.43 dBm /Hz</p> <p>Frequency</p> <p>Center Freq 2.452000000 GHz</p> <p>CF Step 7.164400 MHz</p> <p>Freq Offset 0 Hz</p>

6dB Occupied Bandwidth

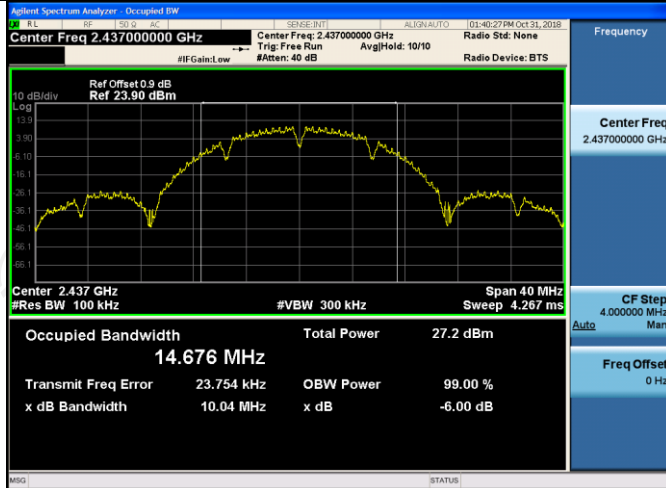
Result Table

Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	9.581	14.628	PASS
11B	MCH	10.04	14.676	PASS
11B	HCH	10.04	14.567	PASS
11G	LCH	15.02	16.348	PASS
11G	MCH	15.10	16.425	PASS
11G	HCH	15.09	16.376	PASS
11N20SISO	LCH	15.07	17.542	PASS
11N20SISO	MCH	15.04	17.574	PASS
11N20SISO	HCH	15.08	17.540	PASS
11N40SISO	LCH	33.84	35.771	PASS
11N40SISO	MCH	33.81	35.796	PASS
11N40SISO	HCH	33.76	35.822	PASS

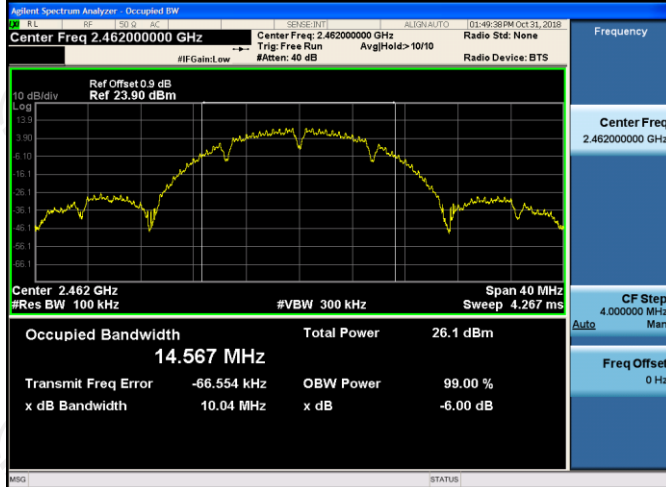
Test Graph



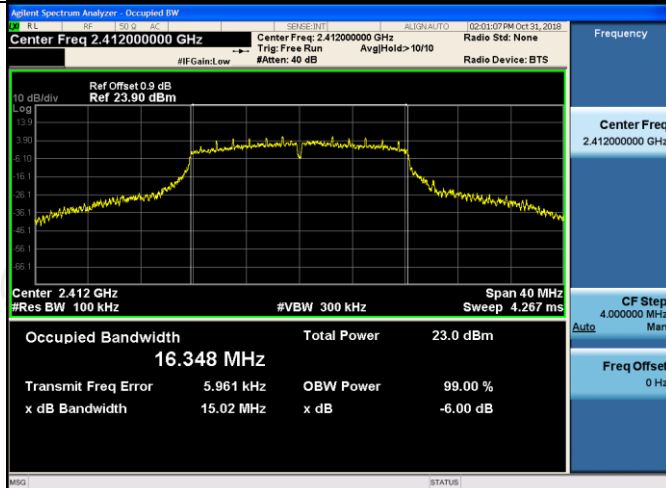
11B/MCH



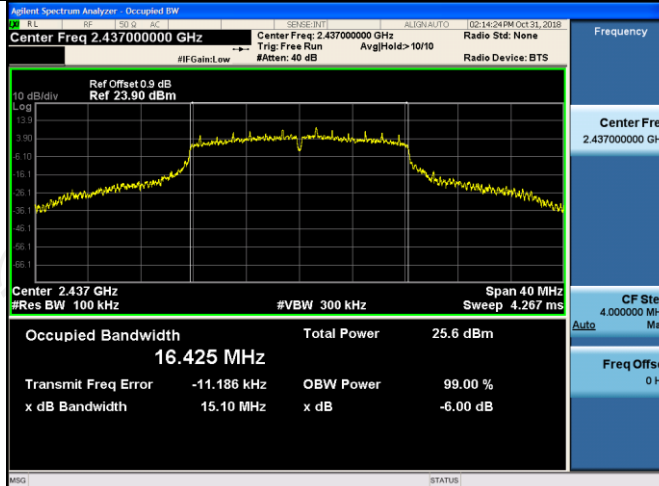
11B/HCH



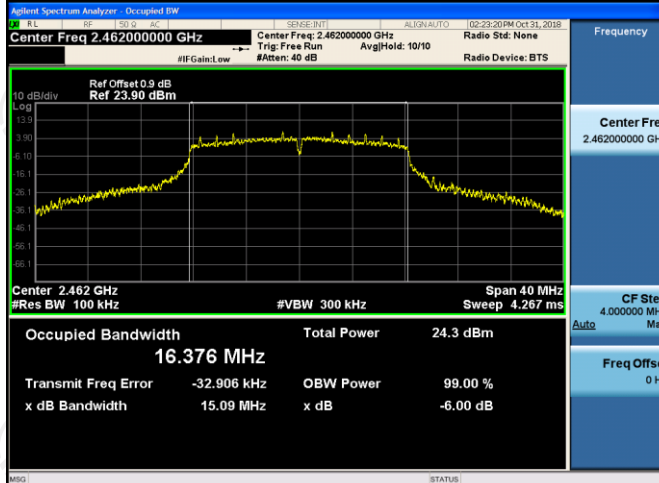
11G/LCH



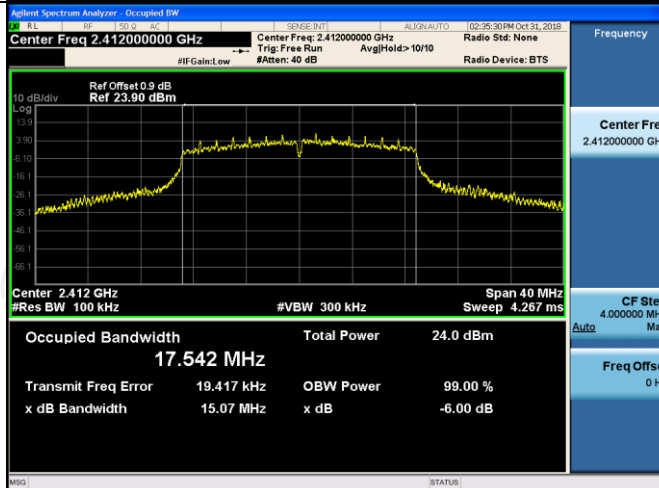
11G/MCH

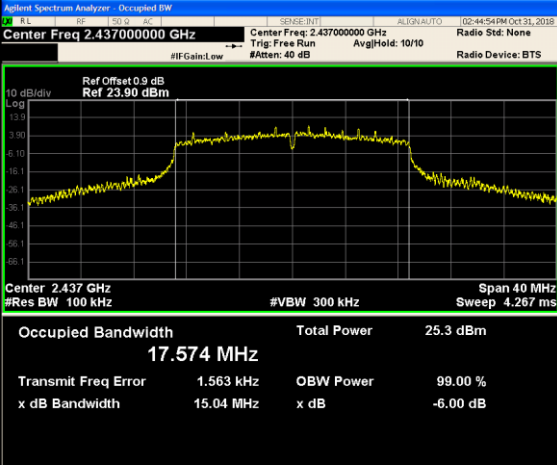
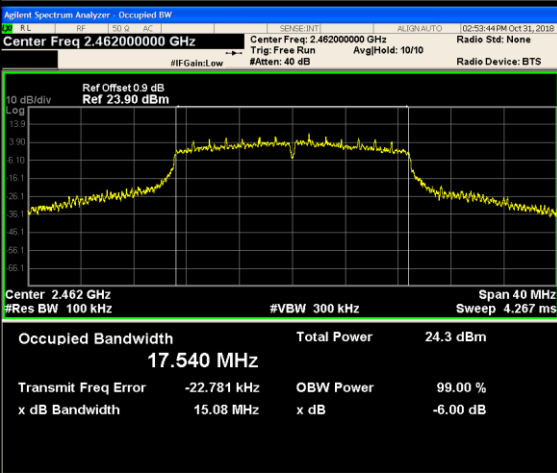
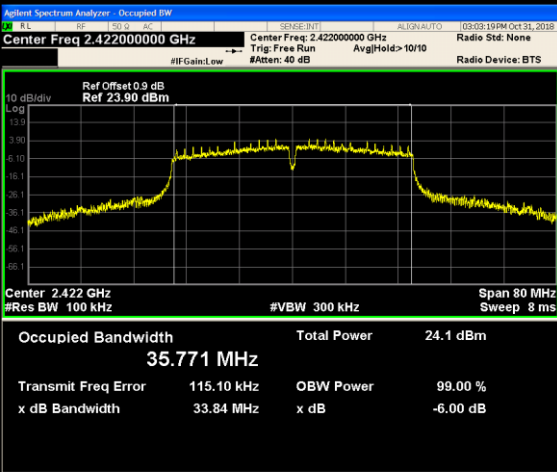


11G/HCH



11N20SISO/LCH



<p>11N20SISO/MCH</p>	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run #Atten: 40 dB Avg/Hold: 10/10</p> <p>Radio Std: None Radio Device: BTS</p> <p>Ref Offset 0.9 dB Ref 23.90 dBm</p> <p>Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 4.267 ms</p> <p>Occupied Bandwidth 17.574 MHz Total Power 25.3 dBm</p> <p>Transmit Freq Error 1.563 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 15.04 MHz 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>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run #Atten: 40 dB Avg/Hold: 10/10</p> <p>Radio Std: None Radio Device: BTS</p> <p>Ref Offset 0.9 dB Ref 23.90 dBm</p> <p>Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 4.267 ms</p> <p>Occupied Bandwidth 17.540 MHz Total Power 24.3 dBm</p> <p>Transmit Freq Error -22.781 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 15.08 MHz 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>Center Freq: 2.422000000 GHz</p> <p>Trig: Free Run #Atten: 40 dB Avg/Hold: 10/10</p> <p>Radio Std: None Radio Device: BTS</p> <p>Ref Offset 0.9 dB Ref 23.90 dBm</p> <p>Center 2.422 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms</p> <p>Occupied Bandwidth 35.771 MHz Total Power 24.1 dBm</p> <p>Transmit Freq Error 115.10 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 33.84 MHz x dB -6.00 dB</p>

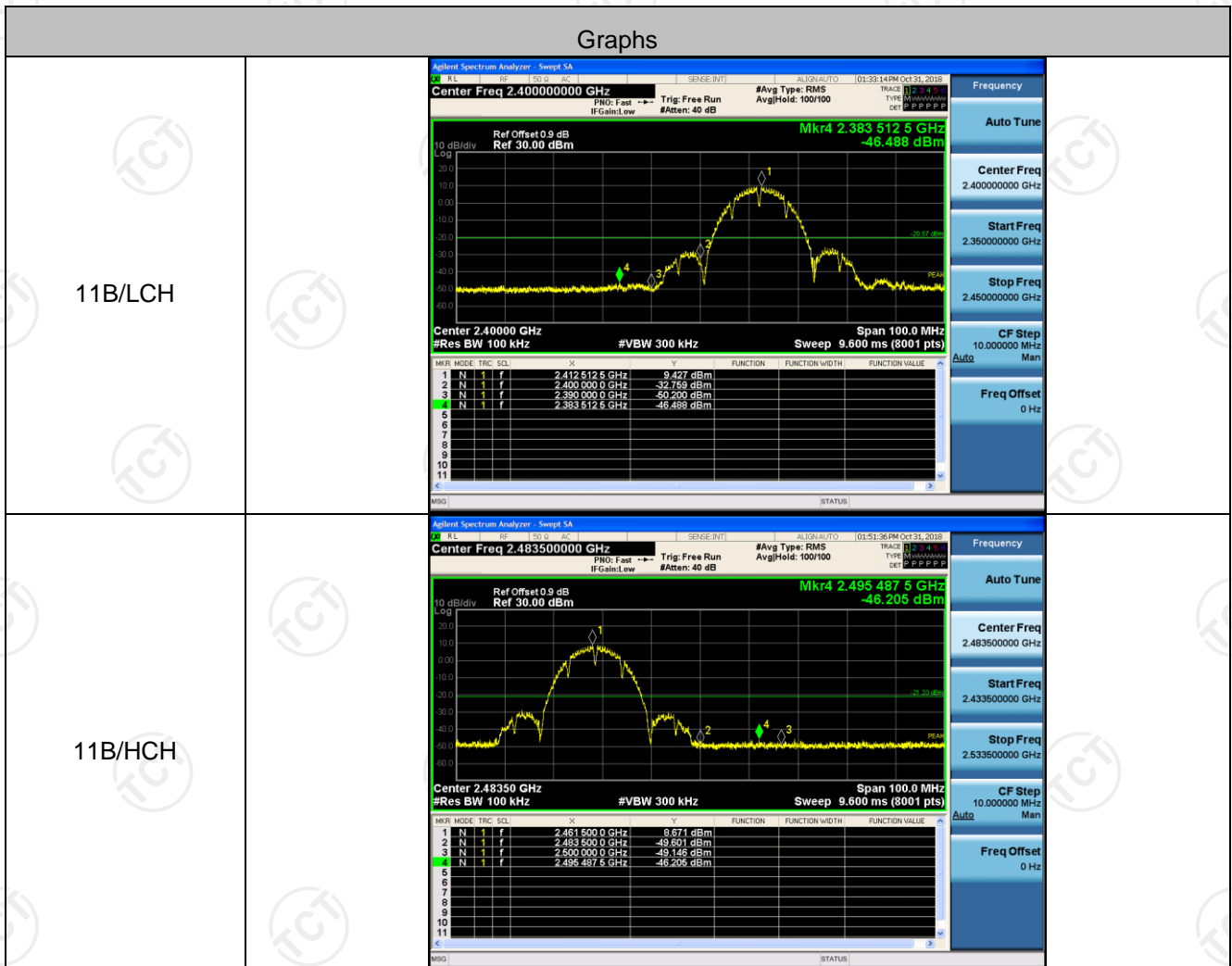
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Occupied Bandwidth: 35.796 MHz</p> <p>Total Power: 25.3 dBm</p> <p>Transmit Freq Error: 50.078 kHz</p> <p>OBW Power: 99.00 %</p>
<p>11N40SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.452000000 GHz</p> <p>Center Freq: 2.452000000 GHz</p> <p>Occupied Bandwidth: 35.822 MHz</p> <p>Total Power: 25.3 dBm</p> <p>Transmit Freq Error: -18.139 kHz</p> <p>OBW Power: 99.00 %</p>

Band-edge for RF Conducted Emissions

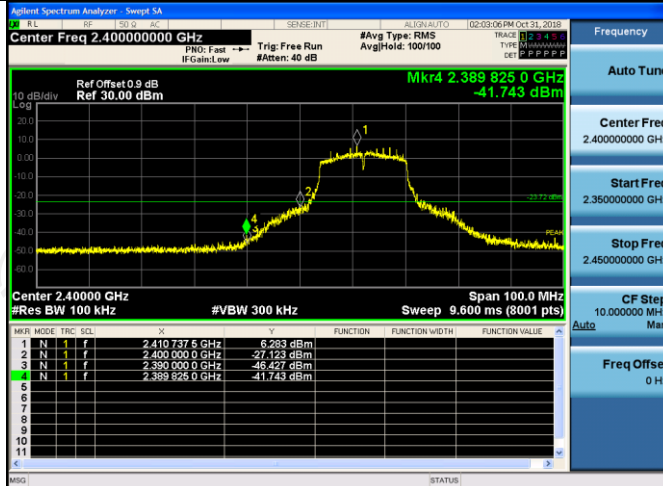
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	9.427	-46.488	-20.57	PASS
11B	HCH	8.671	-46.205	-21.33	PASS
11G	LCH	6.283	-41.743	-23.72	PASS
11G	HCH	7.581	-38.962	-22.42	PASS
11N20SISO	LCH	7.513	-37.446	-22.49	PASS
11N20SISO	HCH	8.852	-36.549	-21.15	PASS
11N40SISO	LCH	5.182	-30.588	-24.82	PASS
11N40SISO	HCH	6.357	-28.830	-23.64	PASS

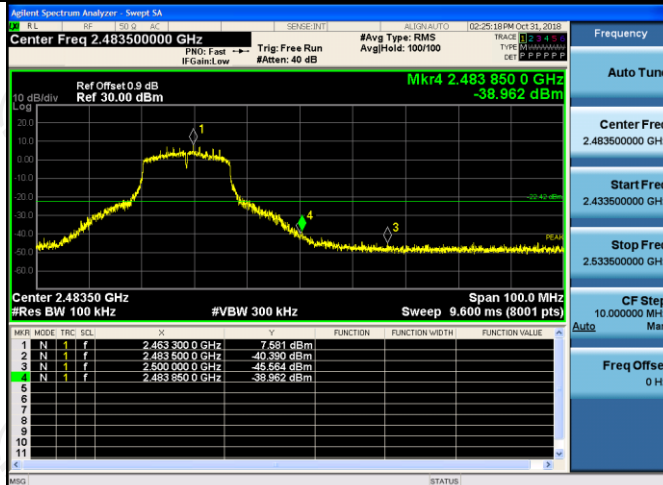
Test Graph



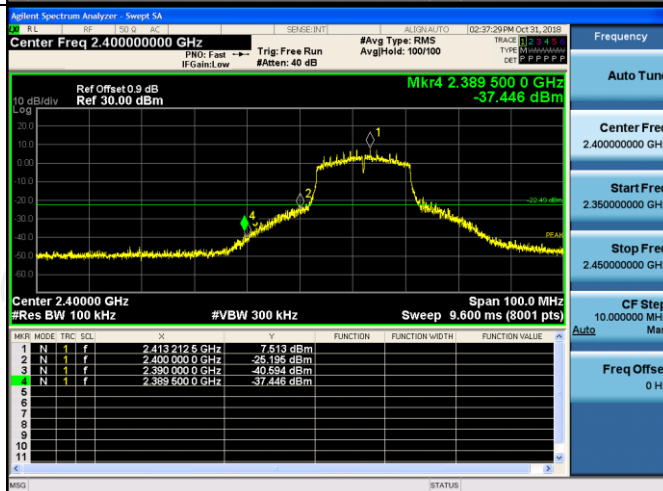
11G/LCH

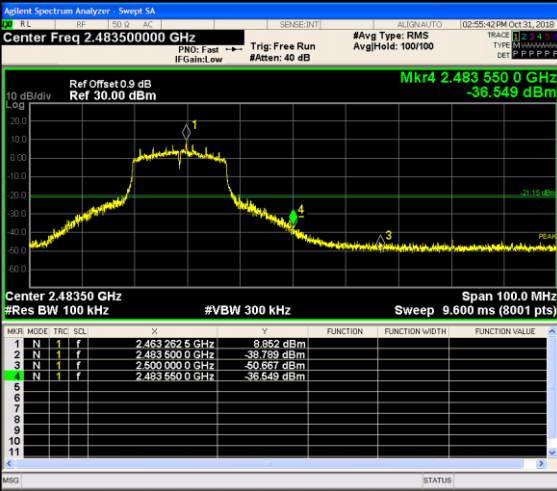
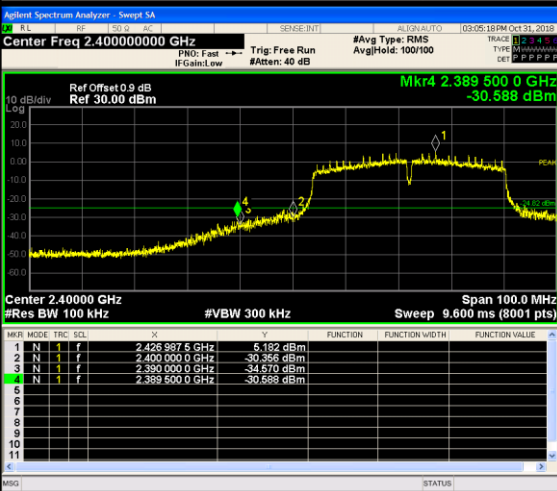
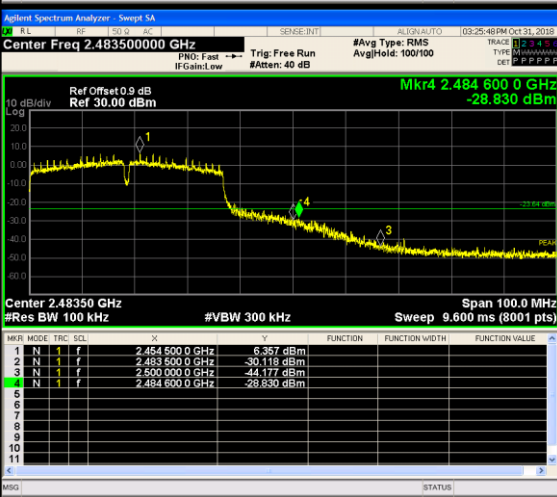


11G/HCH



11N20SISO/LCH



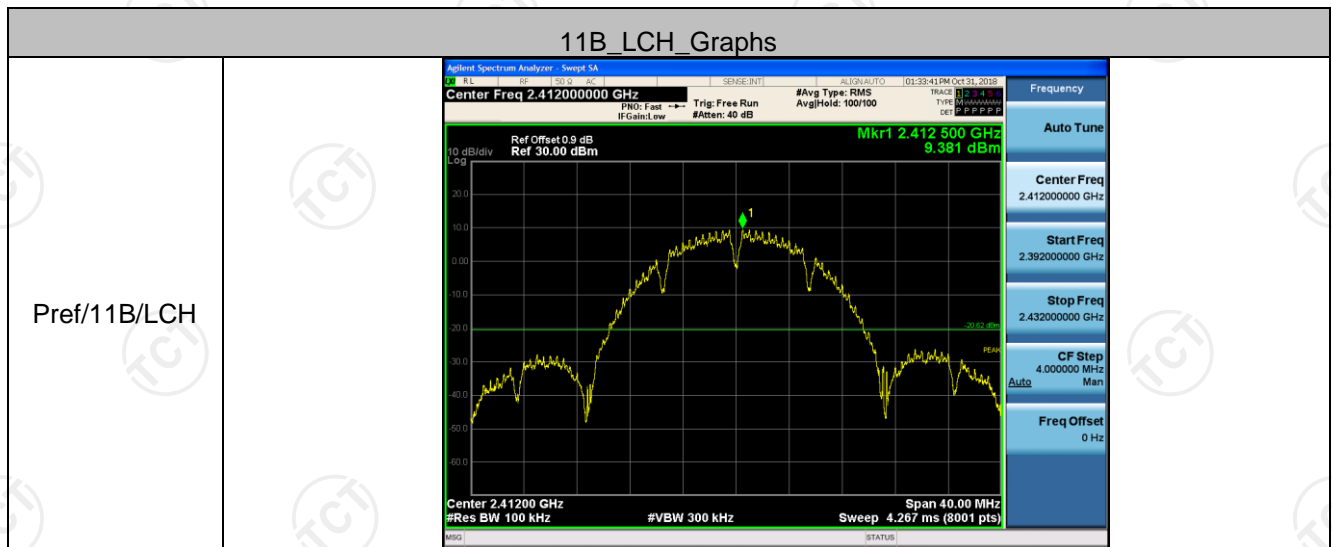
<p>11N20SISO/HCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.483500000 GHz</p> <p>Start Freq 2.433500000 GHz</p> <p>Stop Freq 2.533500000 GHz</p> <p>CF Step 10.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/LCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.400000000 GHz</p> <p>Start Freq 2.350000000 GHz</p> <p>Stop Freq 2.450000000 GHz</p> <p>CF Step 10.000000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/HCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.483500000 GHz</p> <p>Start Freq 2.433500000 GHz</p> <p>Stop Freq 2.533500000 GHz</p> <p>CF Step 10.000000 MHz</p> <p>Freq Offset 0 Hz</p>

RF Conducted Spurious Emissions

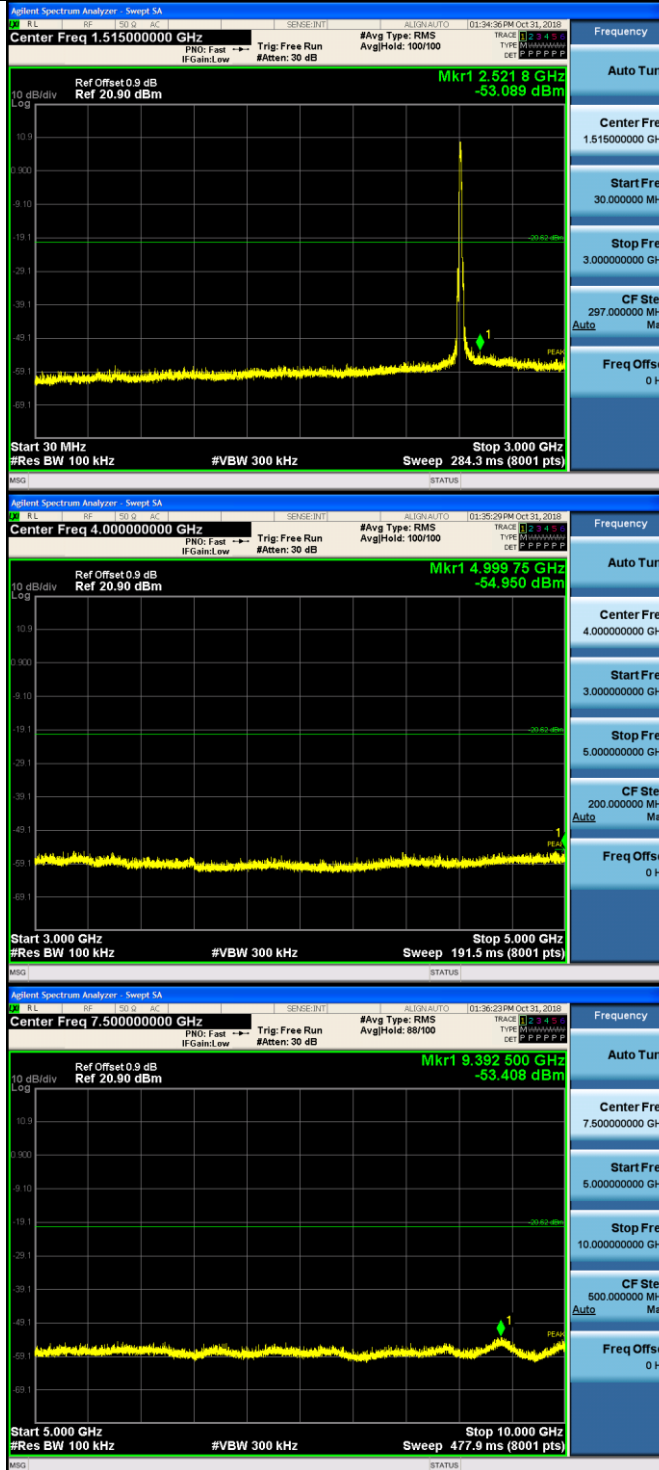
Result Table

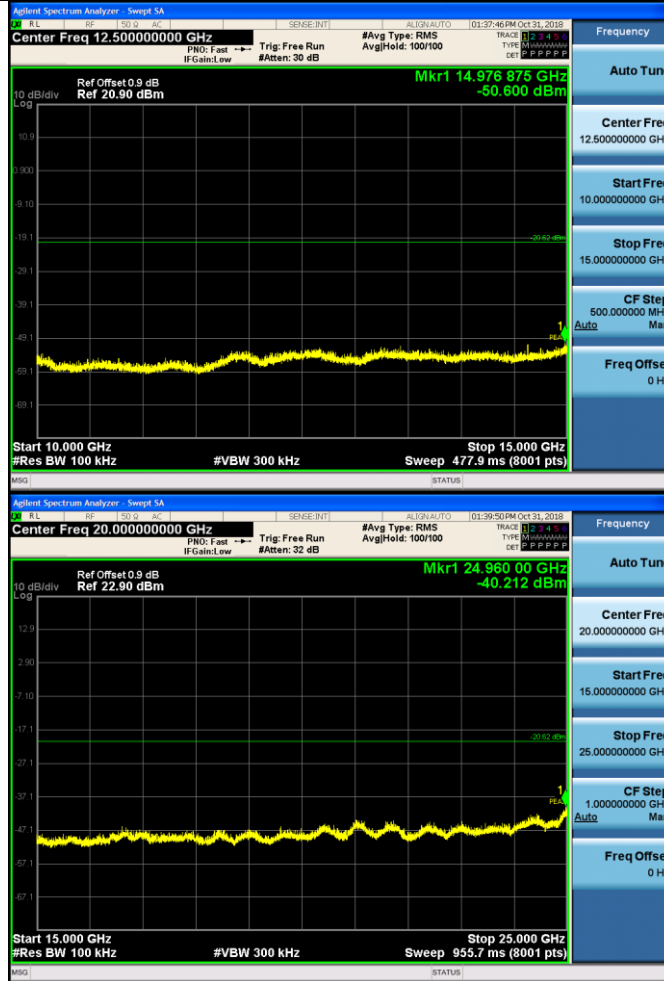
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	9.381	<Limit	PASS
11B	MCH	9.891	<Limit	PASS
11B	HCH	8.603	<Limit	PASS
11G	LCH	7.430	<Limit	PASS
11G	MCH	9.643	<Limit	PASS
11G	HCH	8.256	<Limit	PASS
11N20SISO	LCH	8.173	<Limit	PASS
11N20SISO	MCH	10.006	<Limit	PASS
11N20SISO	HCH	8.745	<Limit	PASS
11N40SISO	LCH	5.269	<Limit	PASS
11N40SISO	MCH	6.233	<Limit	PASS
11N40SISO	HCH	6.353	<Limit	PASS

Test Graph



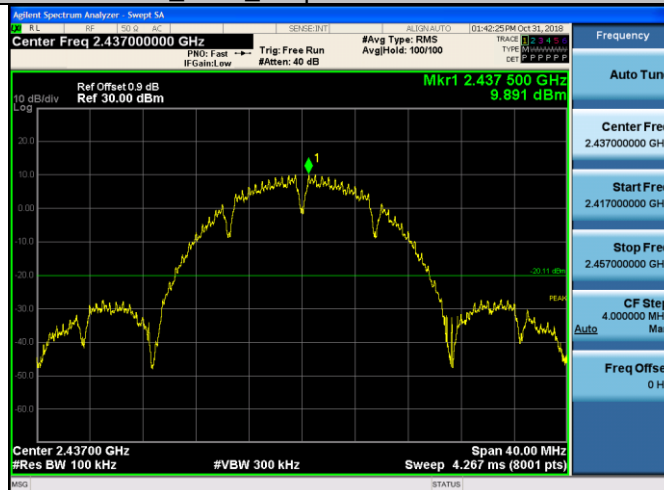
Puw/11B/LCH



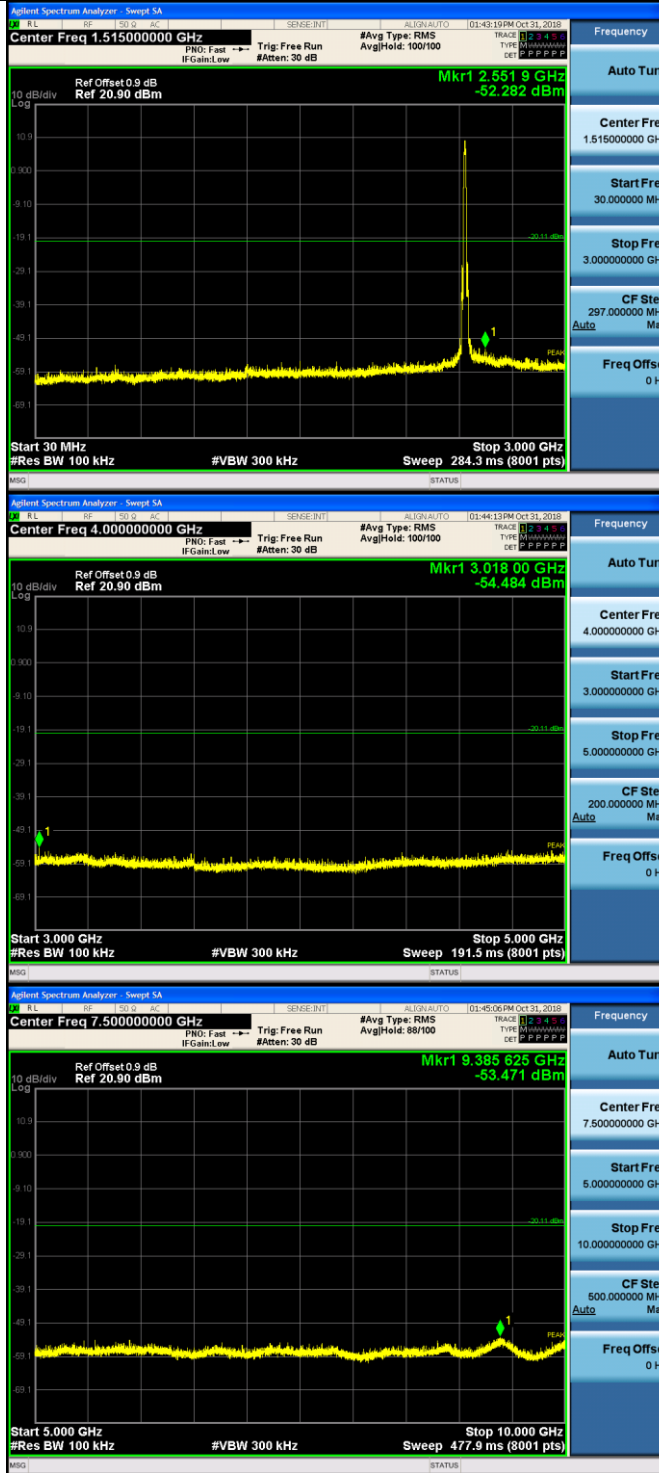


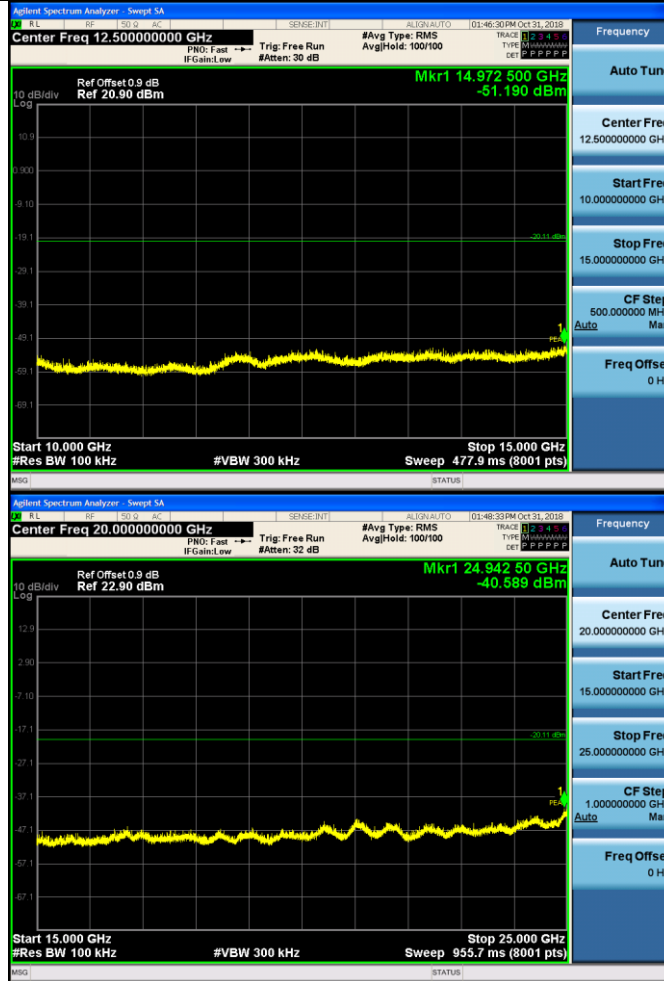
11B_MCH_Graphs

Pref/11B/MCH



Puw/11B/MCH





11B_HCH_Graphs

Pref/11B/HCH

