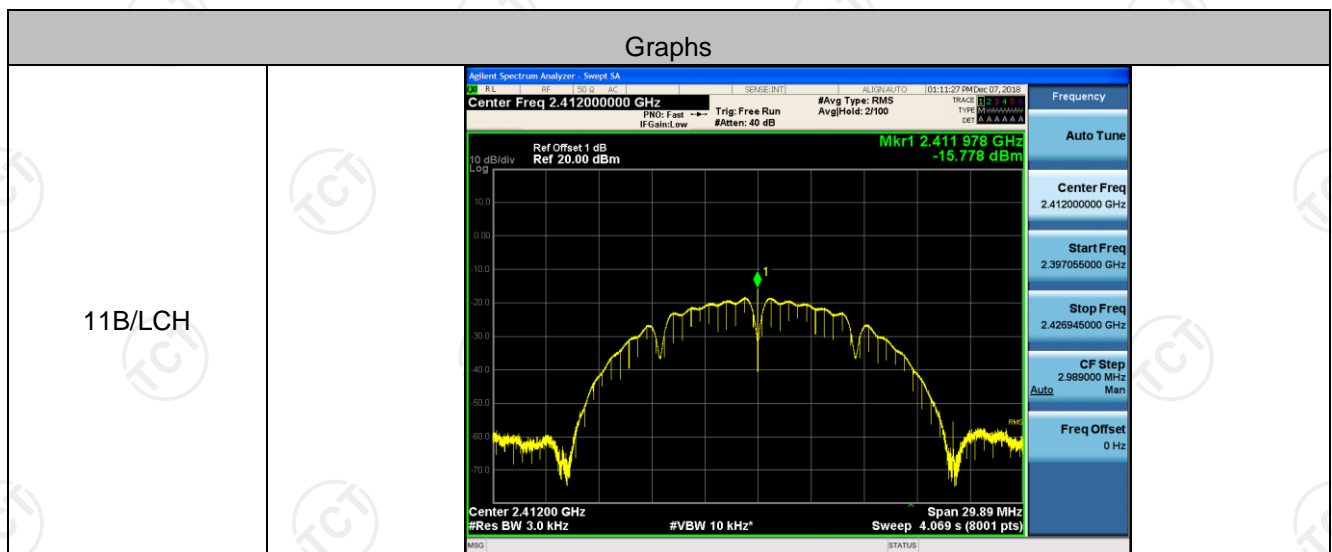


Power Spectral Density

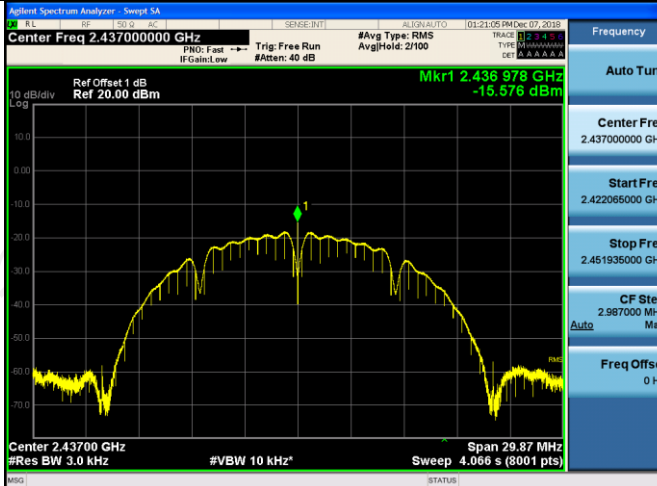
Result Table

Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	-15.778	PASS
11B	MCH	-15.576	PASS
11B	HCH	-18.968	PASS
11G	LCH	-19.443	PASS
11G	MCH	-16.297	PASS
11G	HCH	-18.064	PASS
11N20SISO	LCH	-19.050	PASS
11N20SISO	MCH	-19.944	PASS
11N20SISO	HCH	-19.627	PASS
11N40SISO	LCH	-23.910	PASS
11N40SISO	MCH	-24.655	PASS
11N40SISO	HCH	-25.628	PASS

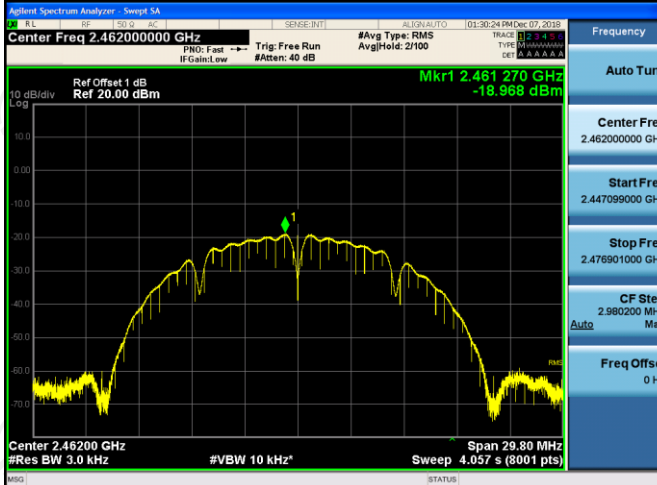
Test Graph



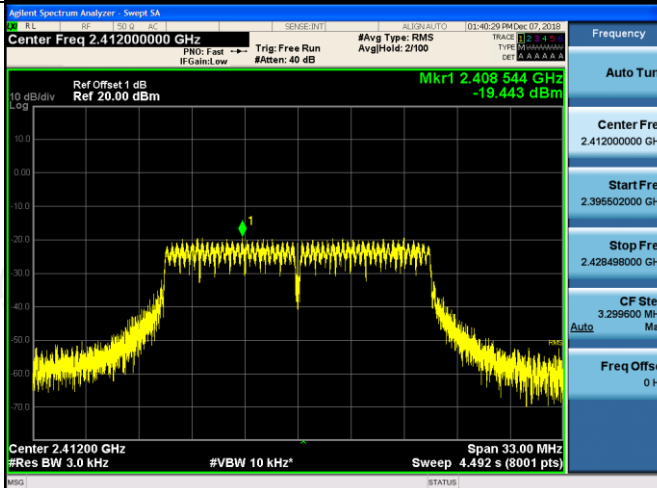
11B/MCH



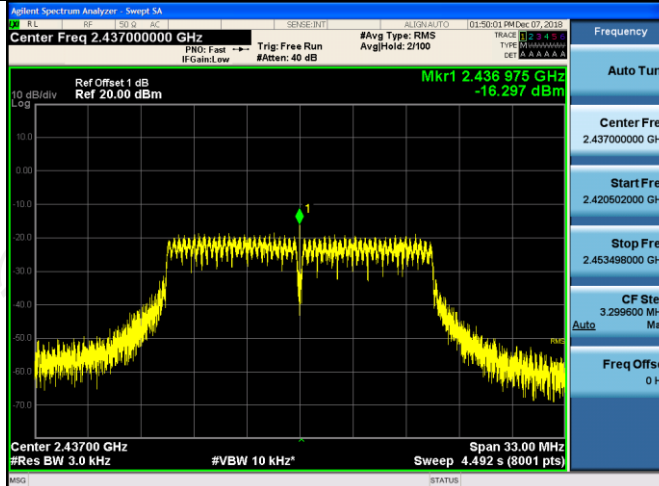
11B/HCH



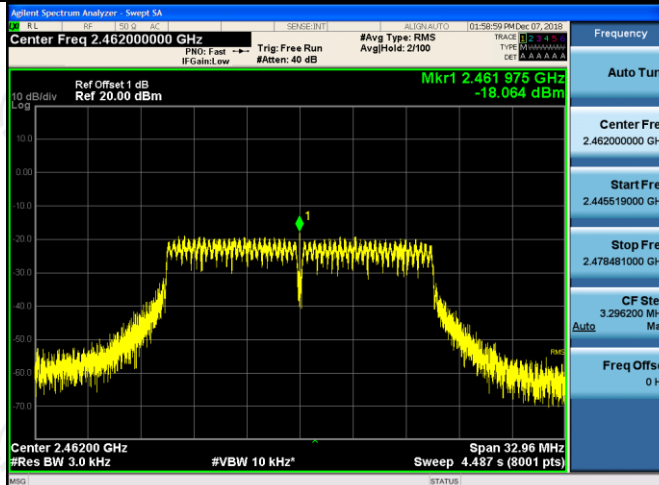
11G/LCH



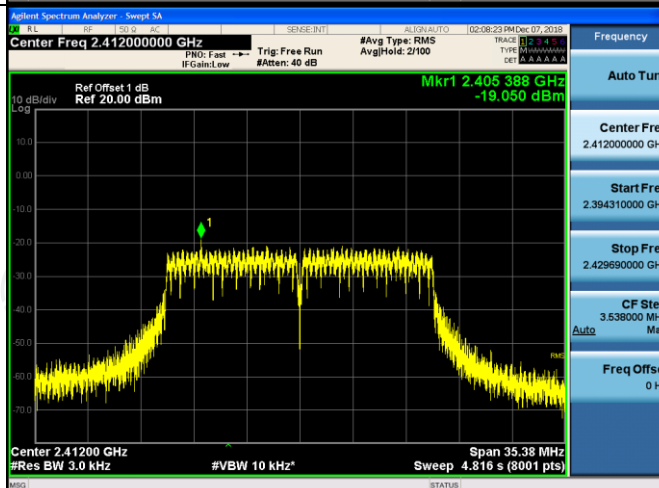
11G/MCH



11G/HCH



11N20SISO/LCH



<p>11N20SISO/MCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.43700000 GHz</p> <p>Start Freq 2.419321000 GHz</p> <p>Stop Freq 2.454679000 GHz</p> <p>CF Step 3.536800 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N20SISO/HCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.46200000 GHz</p> <p>Start Freq 2.444333000 GHz</p> <p>Stop Freq 2.479667000 GHz</p> <p>CF Step 3.533400 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/LCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.42200000 GHz</p> <p>Start Freq 2.386037000 GHz</p> <p>Stop Freq 2.457963000 GHz</p> <p>CF Step 7.192600 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.43700000 GHz Ref Offset 1 dB Ref 20.00 dBm Mkr1 2.433545 GHz -24.655 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 71.97 MHz Sweep 9.797 s (8001 pts)</p>
<p>11N40SISO/HCH</p>	<p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.45200000 GHz Ref Offset 1 dB Ref 20.00 dBm Mkr1 2.451973 GHz -25.628 dBm Center 2.45200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 72.06 MHz Sweep 9.809 s (8001 pts)</p>

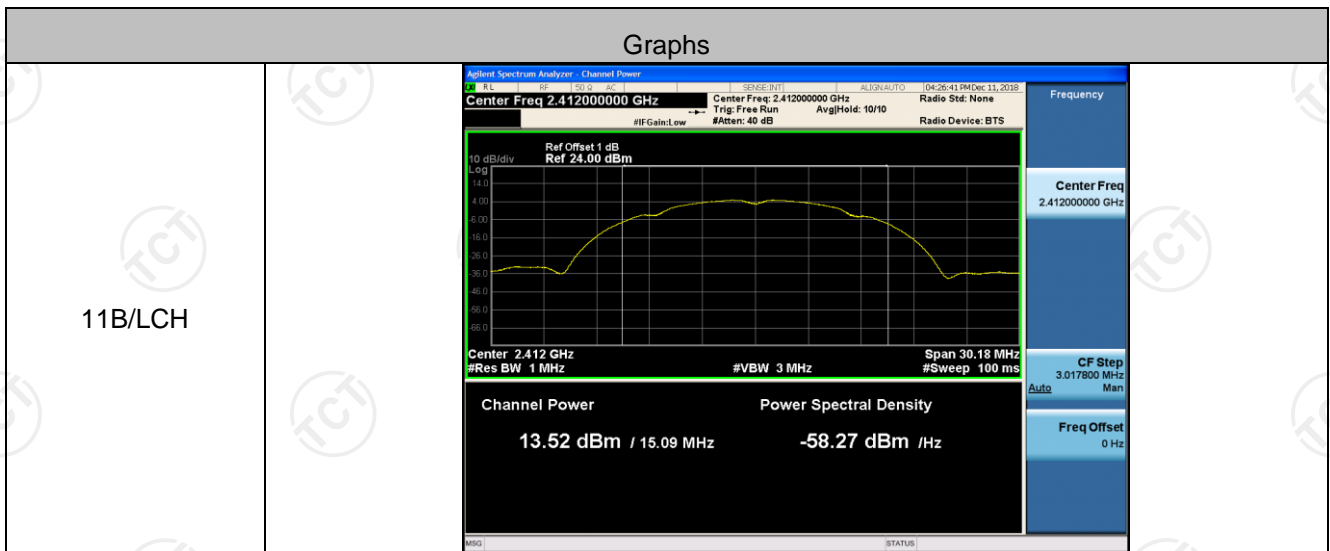
Antenna 1

Conducted Average Output Power

Result Table

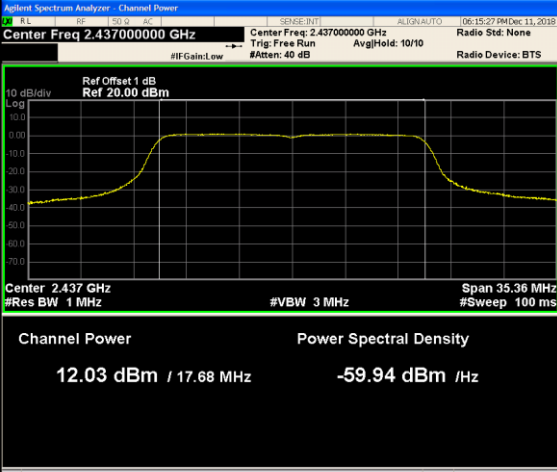
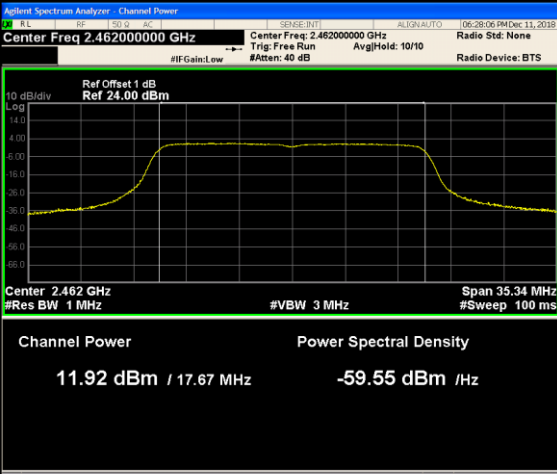
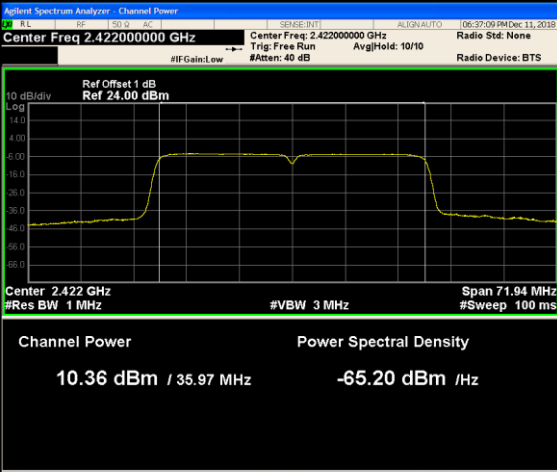
Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	13.52	PASS
11B	MCH	14.09	PASS
11B	HCH	13.21	PASS
11G	LCH	12.58	PASS
11G	MCH	12.74	PASS
11G	HCH	12.81	PASS
11N20SISO	LCH	11.72	PASS
11N20SISO	MCH	12.03	PASS
11N20SISO	HCH	11.92	PASS
11N40SISO	LCH	10.36	PASS
11N40SISO	MCH	10.97	PASS
11N40SISO	HCH	10.95	PASS

Test Graph



<p>11B/MCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.437000000 GHz</p> <p>Channel Power: 14.09 dBm / 15.15 MHz</p> <p>Power Spectral Density: -57.72 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 3.030000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11B/HCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.462000000 GHz</p> <p>Channel Power: 13.21 dBm / 15.16 MHz</p> <p>Power Spectral Density: -58.60 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 3.031800 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11G/LCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.412000000 GHz</p> <p>Channel Power: 12.58 dBm / 16.48 MHz</p> <p>Power Spectral Density: -60.59 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.412000000 GHz</p> <p>CF Step 3.296000 MHz</p> <p>Freq Offset 0 Hz</p>

<p>11G/MCH</p>	<p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.437000000 GHz</p> <p>Channel Power: 12.74 dBm / 16.5 MHz</p> <p>Power Spectral Density: -59.44 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 3.300200 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: 12.81 dBm / 16.55 MHz</p> <p>Power Spectral Density: -59.38 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 3.300200 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: 11.72 dBm / 17.66 MHz</p> <p>Power Spectral Density: -60.75 dBm / Hz</p>	<p>Frequency</p> <p>Center Freq 2.412000000 GHz</p> <p>CF Step 3.531600 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: 12.03 dBm / 17.68 MHz</p> <p>Power Spectral Density: -59.94 dBm /Hz</p>	<p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 3.536200 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: 11.92 dBm / 17.67 MHz</p> <p>Power Spectral Density: -59.55 dBm /Hz</p>	<p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 3.533800 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: 10.36 dBm / 35.97 MHz</p> <p>Power Spectral Density: -65.20 dBm /Hz</p>	<p>Frequency</p> <p>Center Freq 2.422000000 GHz</p> <p>CF Step 7.194000 MHz</p> <p>Freq Offset 0 Hz</p>

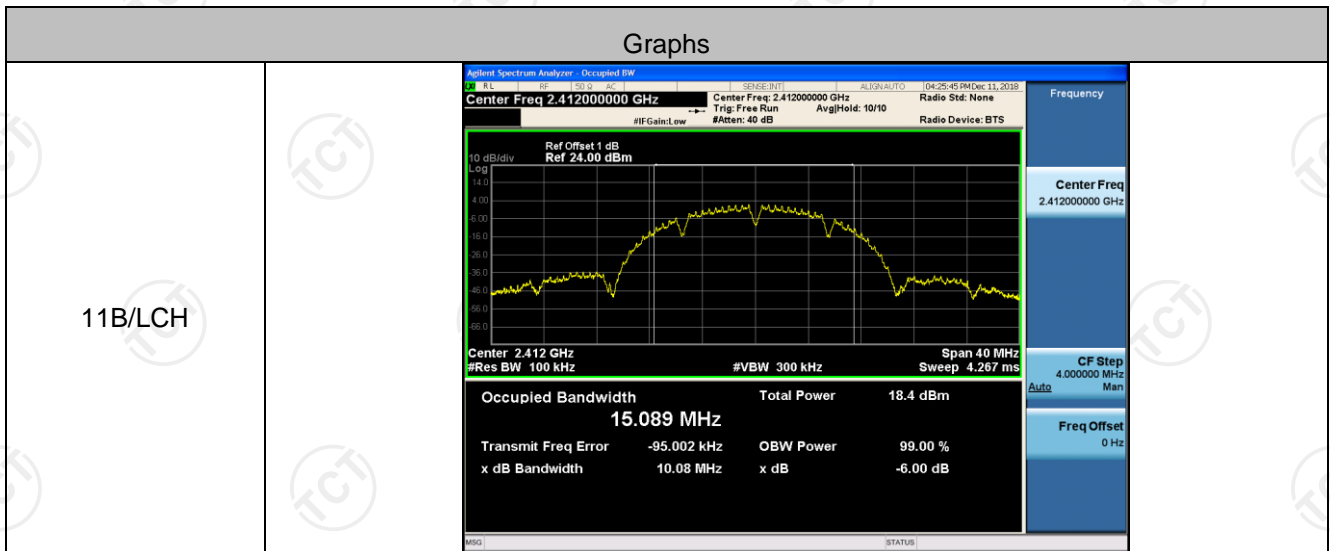
<p>11N40SISO/MCH</p>		<p>Frequency Center Freq 2.437000000 GHz</p> <p>CF Step 7.198200 MHz</p> <p>Freq Offset 0 Hz</p>
<p>11N40SISO/HCH</p>		<p>Frequency Center Freq 2.452000000 GHz</p> <p>CF Step 7.198600 MHz</p> <p>Freq Offset 0 Hz</p>

6dB Occupied Bandwidth

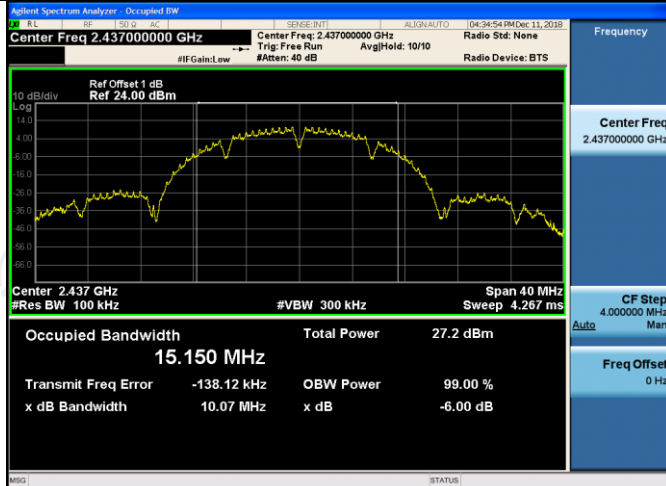
Result Table

Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	10.08	15.089	PASS
11B	MCH	10.07	15.150	PASS
11B	HCH	10.09	15.159	PASS
11G	LCH	16.55	16.480	PASS
11G	MCH	16.56	16.501	PASS
11G	HCH	16.55	16.545	PASS
11N20SISO	LCH	17.77	17.658	PASS
11N20SISO	MCH	17.72	17.681	PASS
11N20SISO	HCH	17.74	17.669	PASS
11N40SISO	LCH	36.39	35.970	PASS
11N40SISO	MCH	36.40	35.991	PASS
11N40SISO	HCH	36.38	35.993	PASS

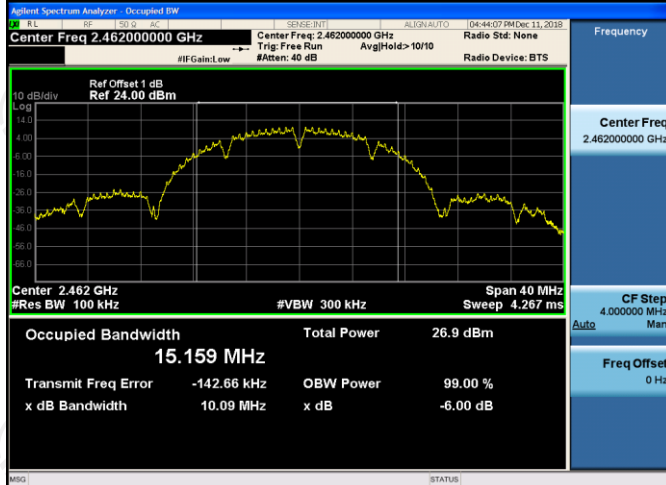
Test Graph



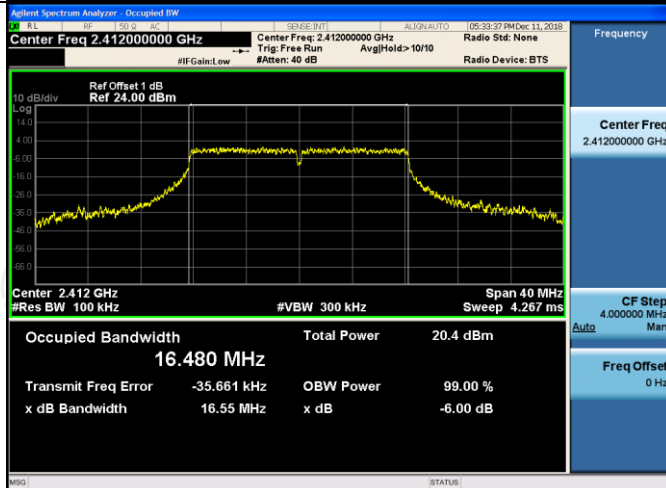
11B/MCH



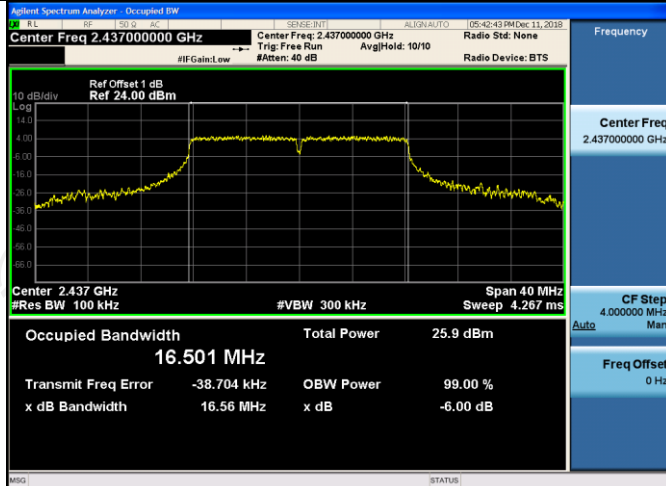
11B/HCH



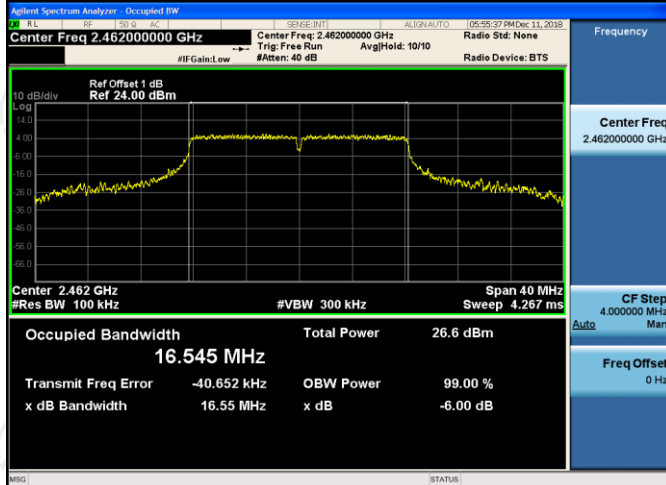
11G/LCH



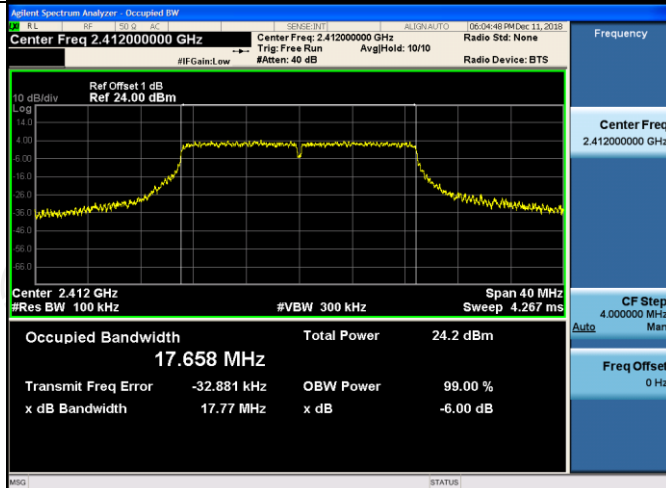
11G/MCH



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>Occupied Bandwidth: 17.681 MHz</p> <p>Total Power: 24.9 dBm</p> <p>Transmit Freq Error: -33.119 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 17.72 MHz</p> <p>x dB: -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.437000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</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>Occupied Bandwidth: 17.669 MHz</p> <p>Total Power: 24.4 dBm</p> <p>Transmit Freq Error: -36.946 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 17.74 MHz</p> <p>x dB: -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.462000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</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>Occupied Bandwidth: 35.970 MHz</p> <p>Total Power: 23.7 dBm</p> <p>Transmit Freq Error: -21.625 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 36.39 MHz</p> <p>x dB: -6.00 dB</p>	<p>Frequency</p> <p>Center Freq 2.422000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p>

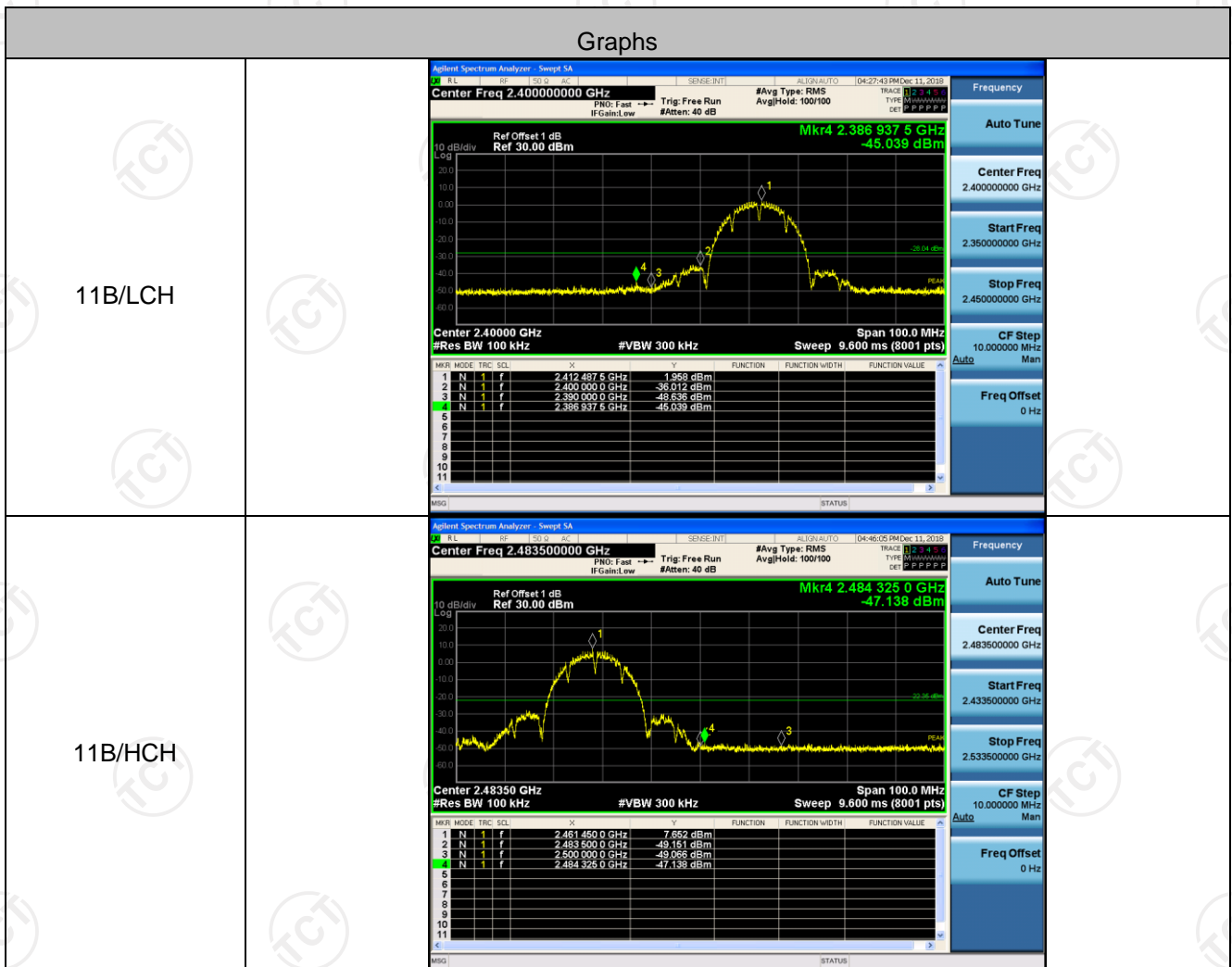
<p>11N40SISO/MCH</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq 2.437000000 GHz</p> <p>Ref Offset 1 dB Ref 24.00 dBm</p> <p>Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms</p> <p>Occupied Bandwidth 35.991 MHz Total Power 24.9 dBm</p> <p>Transmit Freq Error -24.979 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 36.40 MHz x dB -6.00 dB</p> <p>Frequency 2.437000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</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>Ref Offset 1 dB Ref 24.00 dBm</p> <p>Center 2.452 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms</p> <p>Occupied Bandwidth 35.993 MHz Total Power 24.7 dBm</p> <p>Transmit Freq Error -48.500 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 36.38 MHz x dB -6.00 dB</p> <p>Frequency 2.452000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p>

Band-edge for RF Conducted Emissions

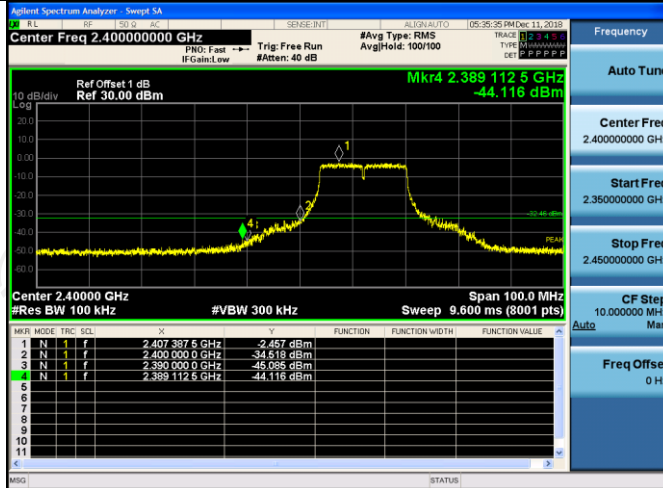
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	1.958	-45.039	-28.04	PASS
11B	HCH	7.652	-47.138	-22.35	PASS
11G	LCH	-2.457	-44.116	-32.46	PASS
11G	HCH	2.535	-37.754	-27.47	PASS
11N20SISO	LCH	0.473	-43.233	-29.53	PASS
11N20SISO	HCH	0.832	-38.248	-29.17	PASS
11N40SISO	LCH	-8.327	-43.647	-38.33	PASS
11N40SISO	HCH	-8.183	-40.381	-38.18	PASS

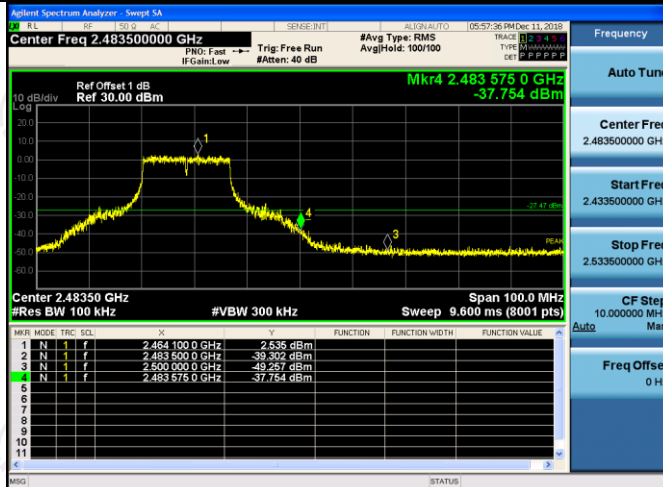
Test Graph



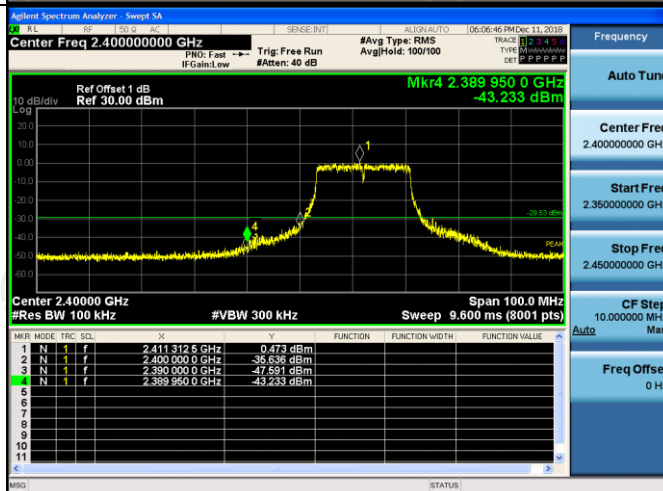
11G/LCH

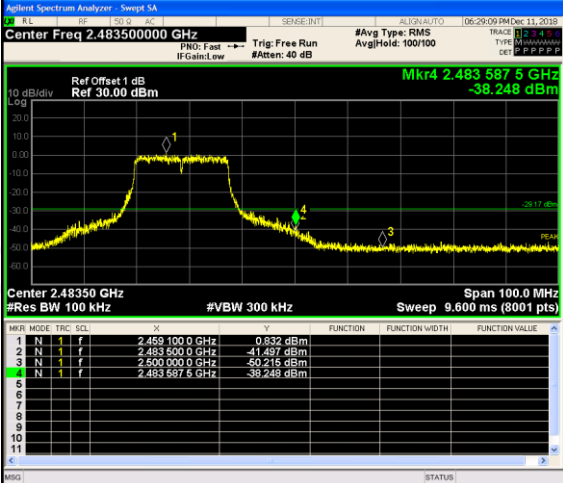
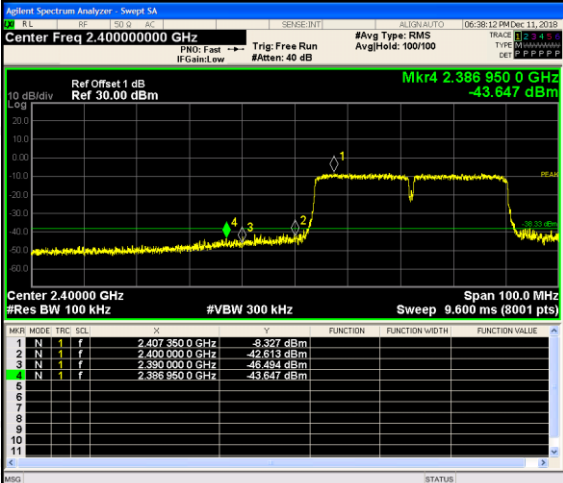
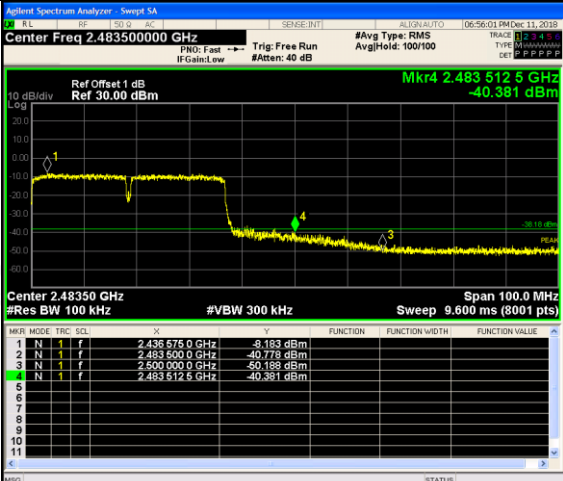


11G/HCH



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	2.453	<Limit	PASS
11B	MCH	2.18	<Limit	PASS
11B	HCH	1.735	<Limit	PASS
11G	LCH	-2.17	<Limit	PASS
11G	MCH	-2.733	<Limit	PASS
11G	HCH	-3.107	<Limit	PASS
11N20SISO	LCH	-5.20	<Limit	PASS
11N20SISO	MCH	1.462	<Limit	PASS
11N20SISO	HCH	-4.297	<Limit	PASS
11N40SISO	LCH	-8.344	<Limit	PASS
11N40SISO	MCH	-7.317	<Limit	PASS
11N40SISO	HCH	-8.331	<Limit	PASS

Test Graph

