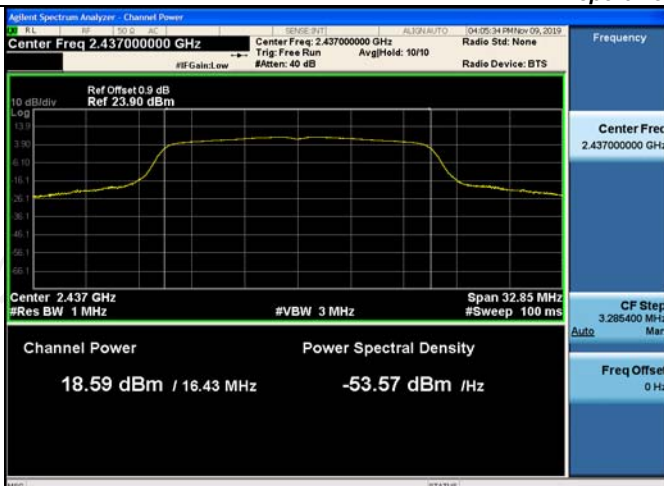
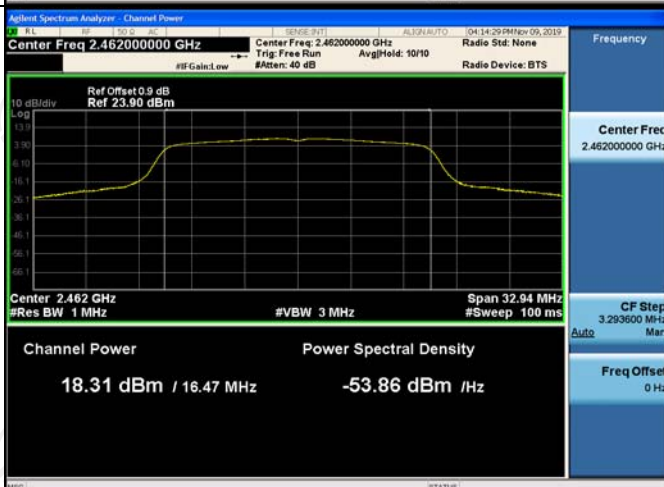


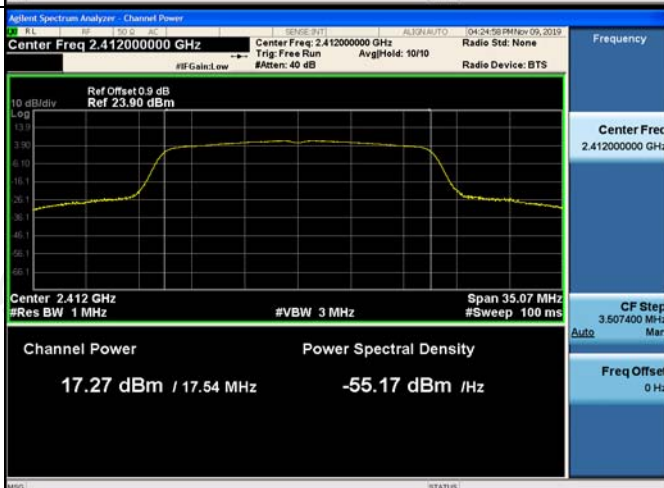
11G/MCH

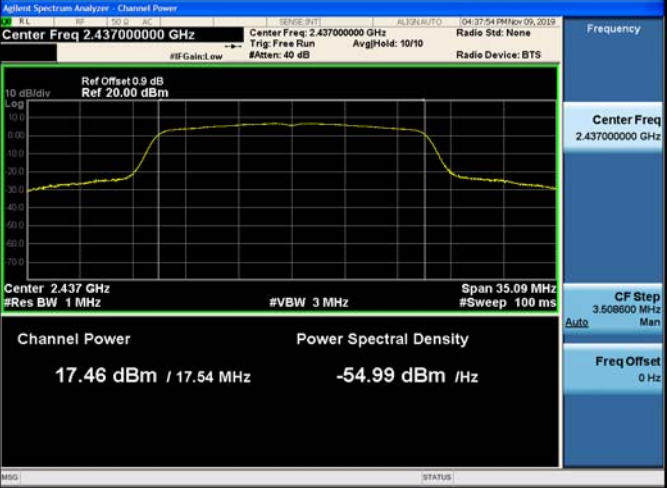
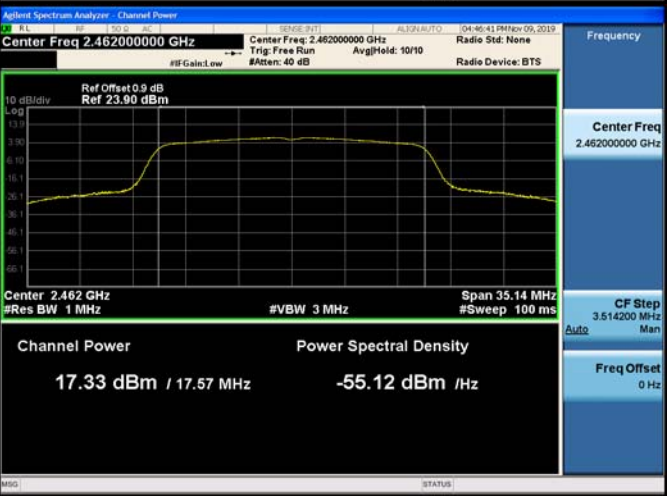
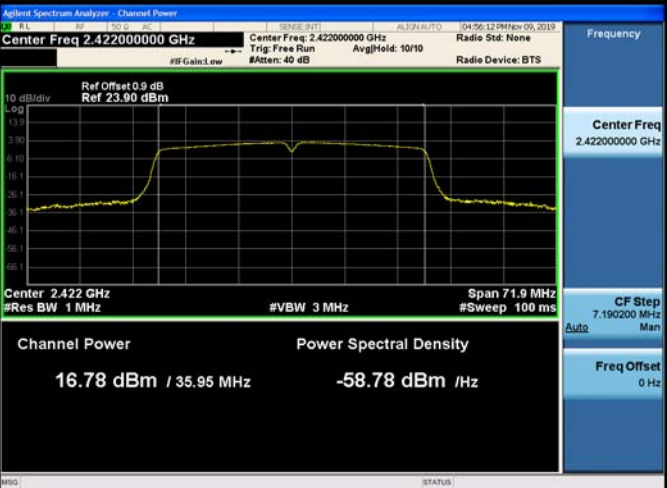


11G/HCH

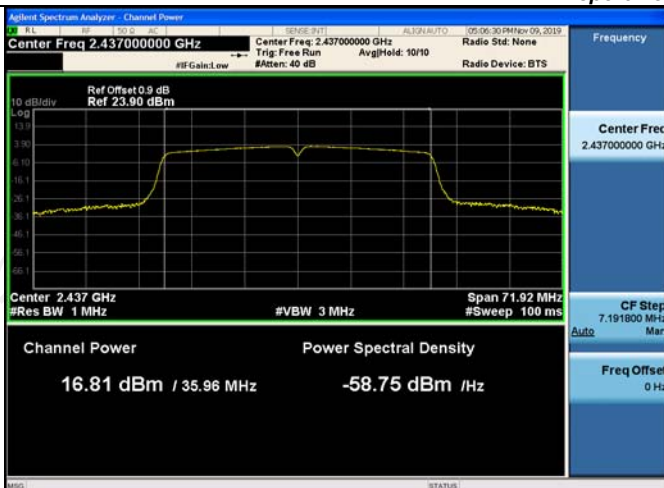


11N20SISO/LCH

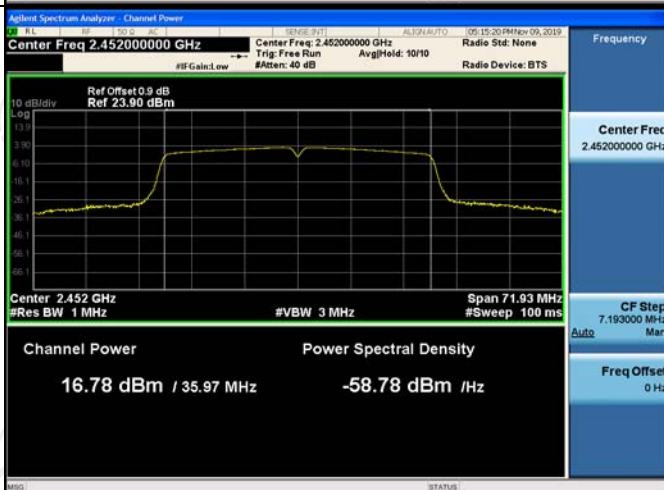


11N20SISO/MCH	 Agilent Spectrum Analyzer - Channel Power Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.9 dB Ref 20.00 dBm Center 2.437 GHz #Res BW 1 MHz #VBW 3 MHz Span 35.09 MHz #Sweep 100 ms Channel Power 17.46 dBm / 17.54 MHz Power Spectral Density -54.99 dBm / Hz Frequency Center Freq 2.437000000 GHz CF Step 3.508600 MHz Auto Man Freq Offset 0 Hz
11N20SISO/HCH	 Agilent Spectrum Analyzer - Channel Power Center Freq 2.462000000 GHz Center Freq: 2.462000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.9 dB Ref 23.90 dBm Center 2.462 GHz #Res BW 1 MHz #VBW 3 MHz Span 35.14 MHz #Sweep 100 ms Channel Power 17.33 dBm / 17.57 MHz Power Spectral Density -55.12 dBm / Hz Frequency Center Freq 2.462000000 GHz CF Step 3.514200 MHz Auto Man Freq Offset 0 Hz
11N40SISO/LCH	 Agilent Spectrum Analyzer - Channel Power Center Freq 2.422000000 GHz Center Freq: 2.422000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.9 dB Ref 23.90 dBm Center 2.422 GHz #Res BW 1 MHz #VBW 3 MHz Span 71.9 MHz #Sweep 100 ms Channel Power 16.78 dBm / 35.95 MHz Power Spectral Density -58.78 dBm / Hz Frequency Center Freq 2.422000000 GHz CF Step 7.190200 MHz Auto Man Freq Offset 0 Hz

11N40SISO/MCH



11N40SISO/HCH



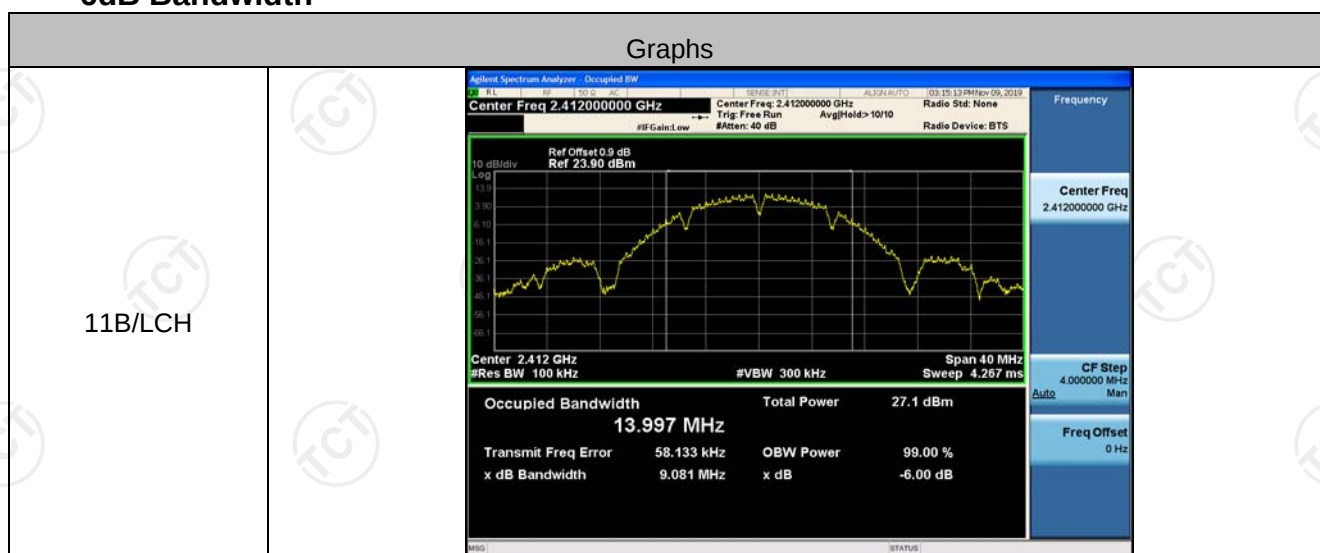
6dB Occupied Bandwidth

Result Table

Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	9.081	12.680	PASS
11B	MCH	9.089	12.721	PASS
11B	HCH	9.092	12.793	PASS
11G	LCH	13.87	17.166	PASS
11G	MCH	15.12	16.997	PASS
11G	HCH	15.13	17.181	PASS
11N20SISO	LCH	15.07	17.790	PASS
11N20SISO	MCH	15.14	17.777	PASS
11N20SISO	HCH	15.11	17.802	PASS
11N40SISO	LCH	35.10	35.974	PASS
11N40SISO	MCH	35.13	35.964	PASS
11N40SISO	HCH	35.11	35.993	PASS

Test Graph

6dB Bandwidth



11B/MCH



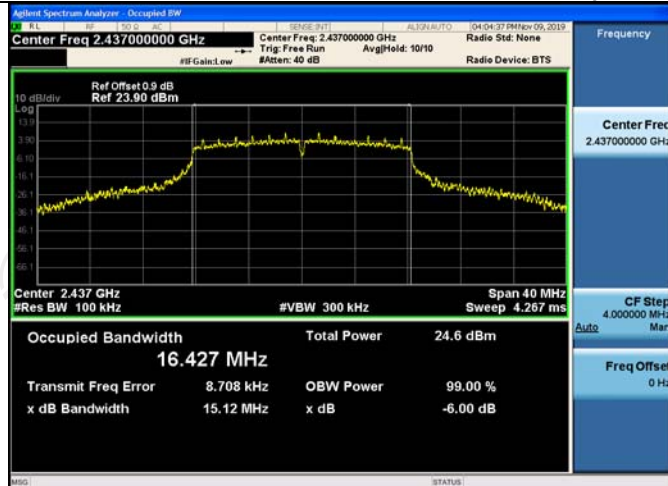
11B/HCH



11G/LCH



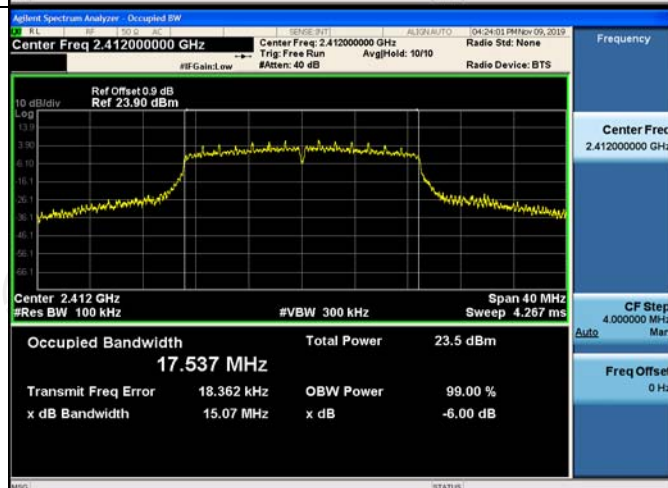
11G/MCH



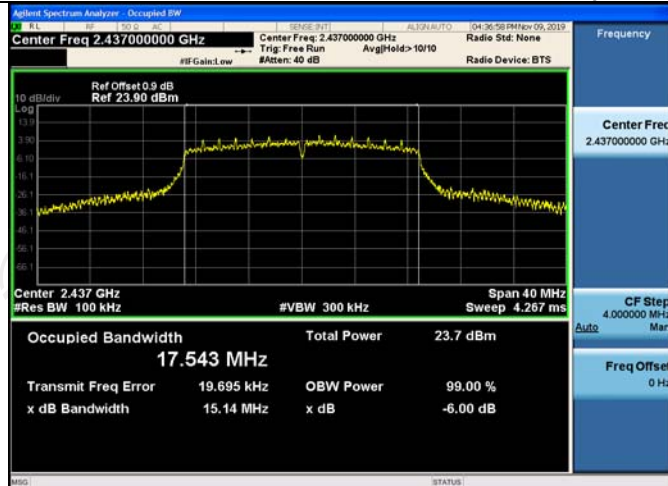
11G/HCH



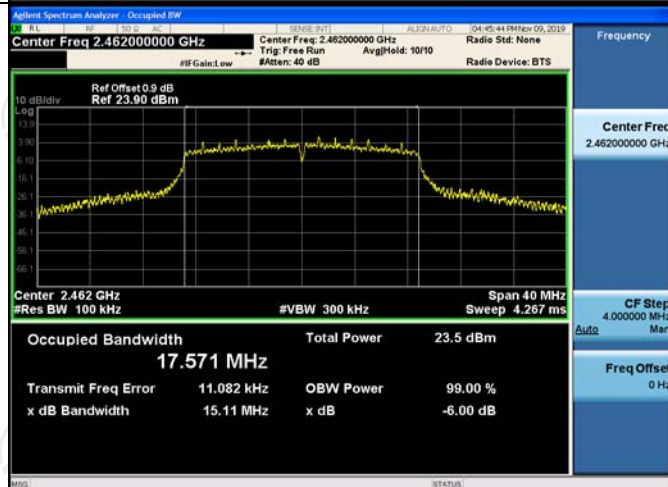
11N20SISO/LCH



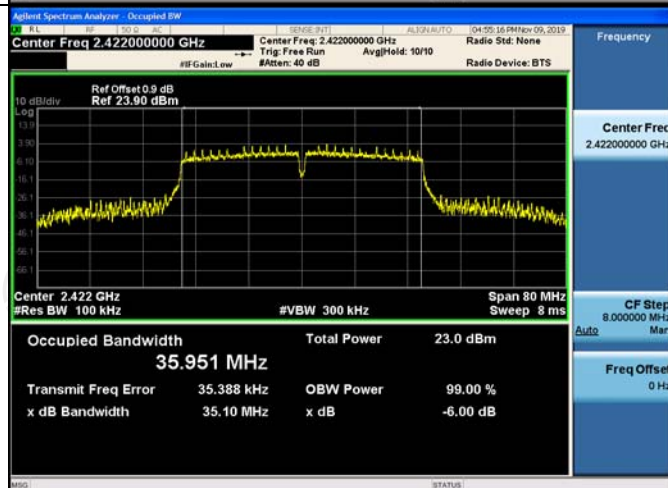
11N20SISO/MCH

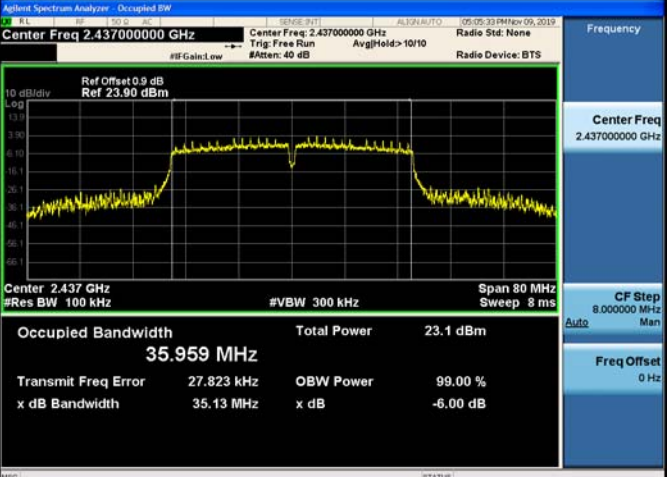
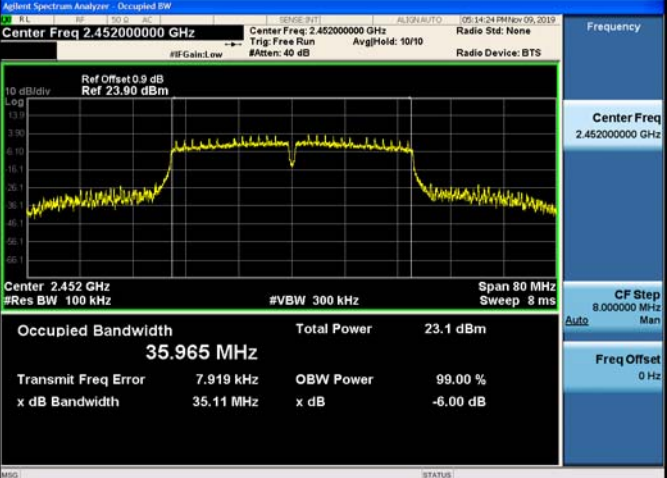


11N20SISO/HCH



11N40SISO/LCH

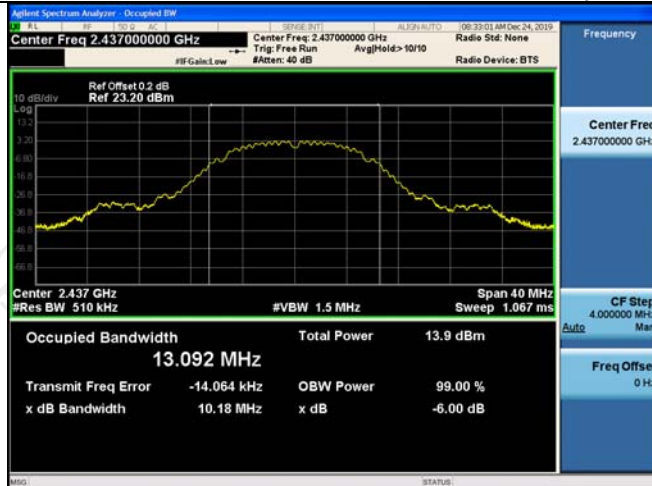


11N40SISO/MCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Center Freq 2.437000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.9 dB Ref 23.90 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms Occupied Bandwidth 35.959 MHz Total Power 23.1 dBm Transmit Freq Error 27.823 kHz OBW Power 99.00 % x dB Bandwidth 35.13 MHz x dB -6.00 dB Frequency Center Freq 2.437000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
11N40SISO/HCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.452000000 GHz Center Freq 2.452000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.9 dB Ref 23.90 dBm Center 2.452 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms Occupied Bandwidth 35.965 MHz Total Power 23.1 dBm Transmit Freq Error 7.919 kHz OBW Power 99.00 % x dB Bandwidth 35.11 MHz x dB -6.00 dB Frequency Center Freq 2.452000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

99% OBW

Graphs	
11B/LCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.412000000 GHz Center Freq 2.412000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.2 dB Ref 23.20 dBm Center 2.412 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 40 MHz Sweep 1.067 ms Occupied Bandwidth 12.983 MHz Total Power 13.3 dBm Transmit Freq Error -2.631 kHz OBW Power 99.00 % x dB Bandwidth 10.17 MHz x dB -6.00 dB Frequency Center Freq 2.412000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

11B/MCH



11B/HCH



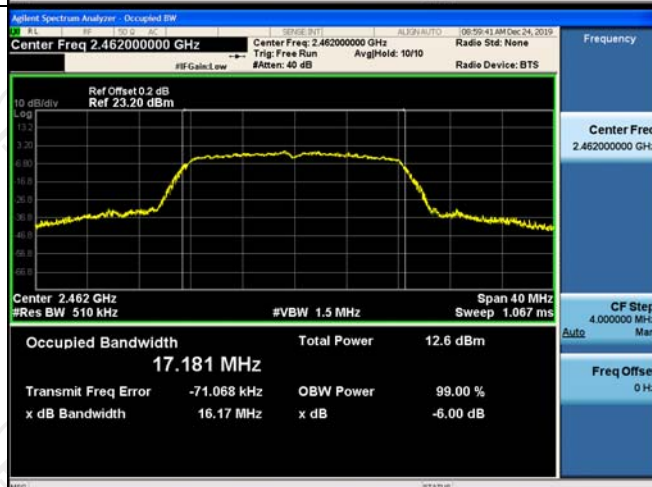
11G/LCH



11G/MCH



11G/HCH



11N20SISO/LCH



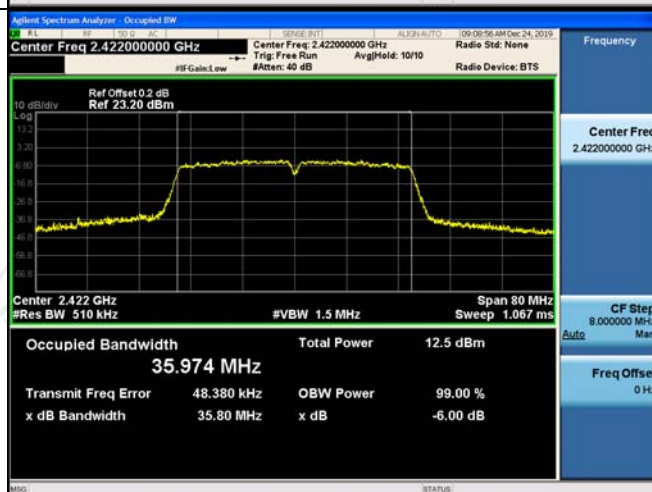
11N20SISO/MCH



11N20SISO/HCH



11N40SISO/LCH



11N40SISO/MCH



11N40SISO/HCH

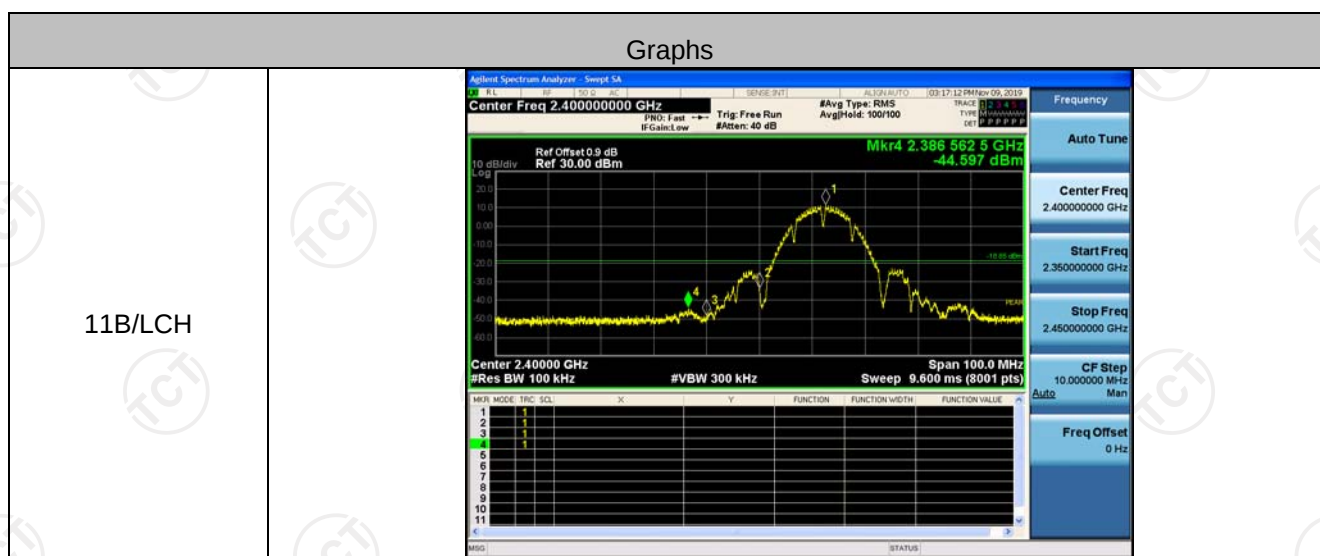


Band-edge for RF Conducted Emissions

Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	11.146	-44.597	-18.85	PASS
11B	HCH	10.864	-38.291	-19.14	PASS
11G	LCH	-6.970	-48.394	-36.97	PASS
11G	HCH	-6.949	-48.181	-36.95	PASS
11N20SISO	LCH	-7.295	-47.291	-37.30	PASS
11N20SISO	HCH	-6.961	-47.771	-36.96	PASS
11N40SISO	LCH	-13.179	-47.573	-43.18	PASS
11N40SISO	HCH	-8.736	-43.609	-38.74	PASS

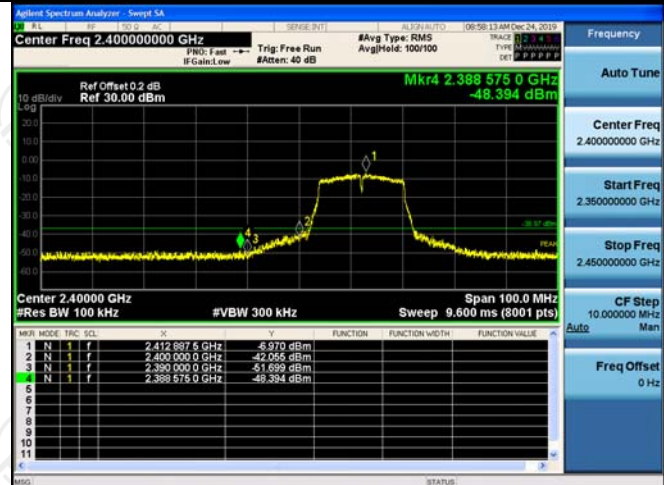
Test Graph



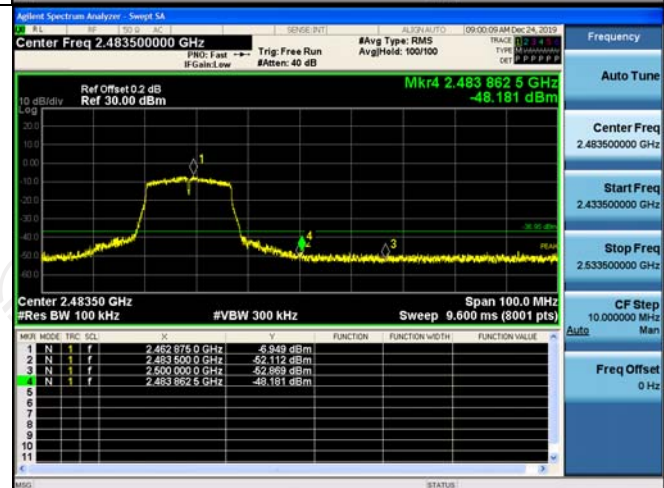
11B/HCH



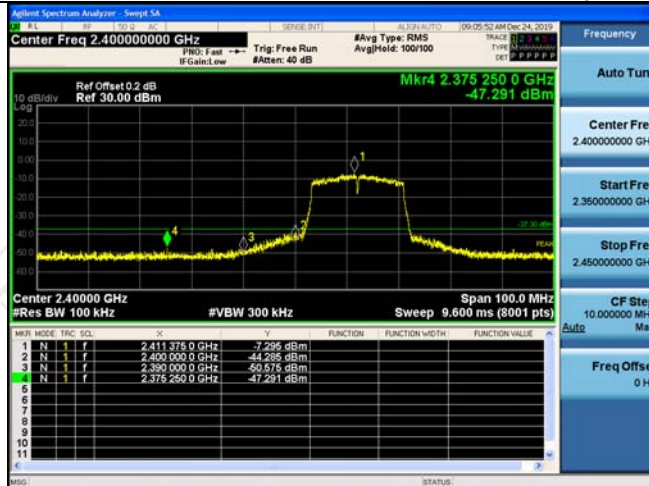
11G/LCH



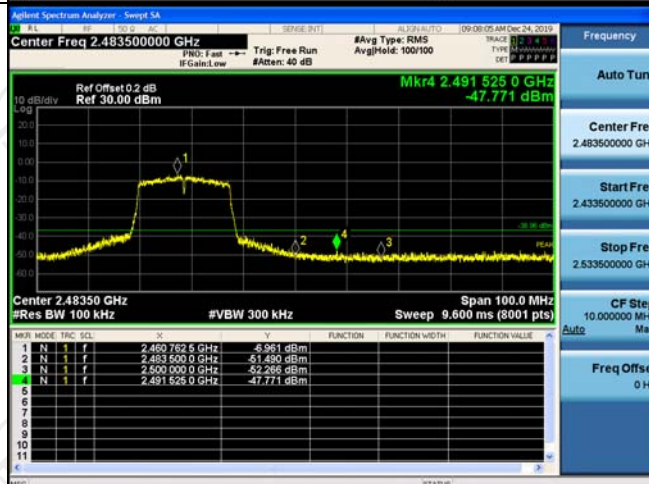
11G/HCH



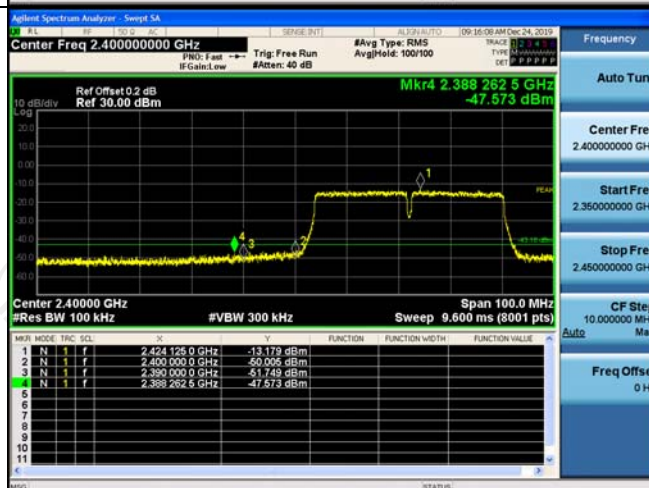
11N20SISO/LCH



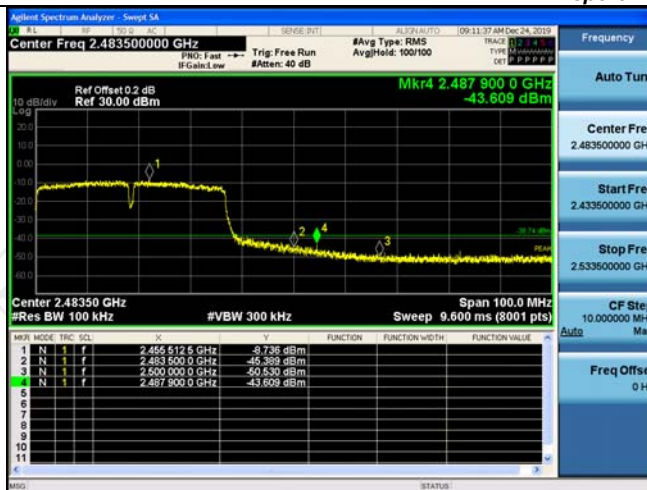
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/HCH

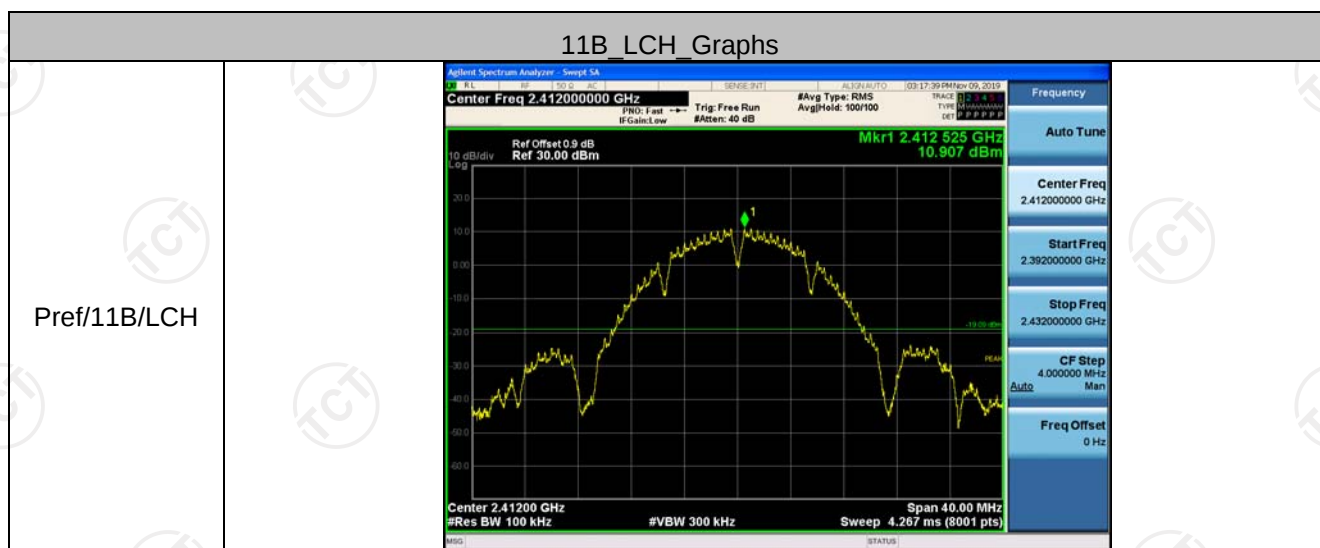


RF Conducted Spurious Emissions

Result Table

Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	10.907	<Limit	PASS
11B	MCH	11.129	<Limit	PASS
11B	HCH	10.879	<Limit	PASS
11G	LCH	8.394	<Limit	PASS
11G	MCH	8.613	<Limit	PASS
11G	HCH	6.734	<Limit	PASS
11N20SISO	LCH	6.963	<Limit	PASS
11N20SISO	MCH	6.775	<Limit	PASS
11N20SISO	HCH	7.371	<Limit	PASS
11N40SISO	LCH	3.264	<Limit	PASS
11N40SISO	MCH	3.388	<Limit	PASS
11N40SISO	HCH	3.572	<Limit	PASS

Test Graph



Puw/11B/LCH





11B MCH Graphs

Pref/11B/MCH



Puw/11B/MCH

