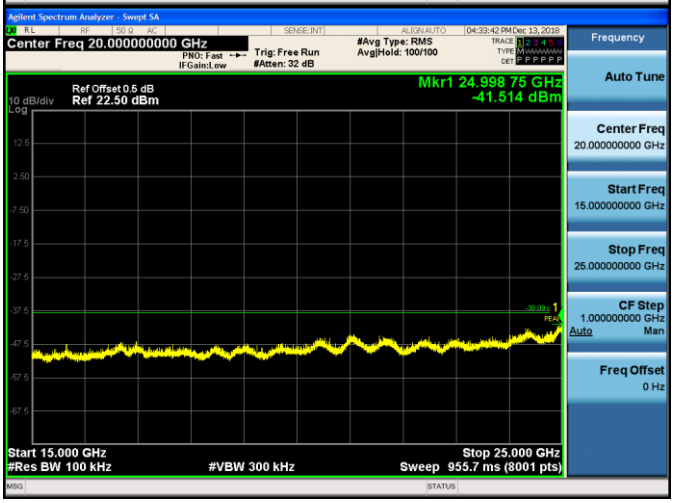

Agilent Spectrum Analyzer - Swept SA
Center Freq 12.500000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
Ref Offset 0.5 dB
10 dB/div
Ref 20.50 dBm
Mkr1 14.975 625 GHz
-51.915 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 15.000 GHz
Sweep 477.9 ms (8001 pts)
Frequency
Auto Tune
Center Freq
12.500000000 GHz
Start Freq
10.000000000 GHz
Stop Freq
15.000000000 GHz
CF Step
500.000000 MHz
Auto
Man
Freq Offset
0 Hz

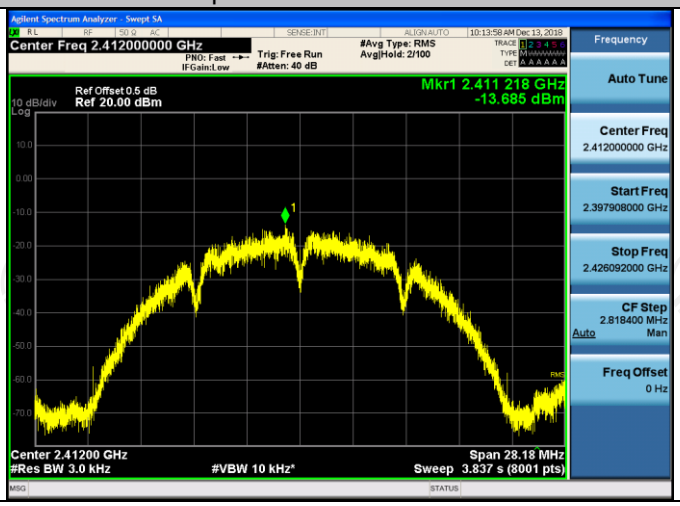

Agilent Spectrum Analyzer - Swept SA
Center Freq 20.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 32 dB
#Avg Type: RMS
Avg|Hold: 100/100
Ref Offset 0.5 dB
10 dB/div
Ref 22.50 dBm
Mkr1 24.998 75 GHz
-41.514 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 955.7 ms (8001 pts)
Frequency
Auto Tune
Center Freq
20.000000000 GHz
Start Freq
15.000000000 GHz
Stop Freq
25.000000000 GHz
CF Step
1.000000000 GHz
Auto
Man
Freq Offset
0 Hz

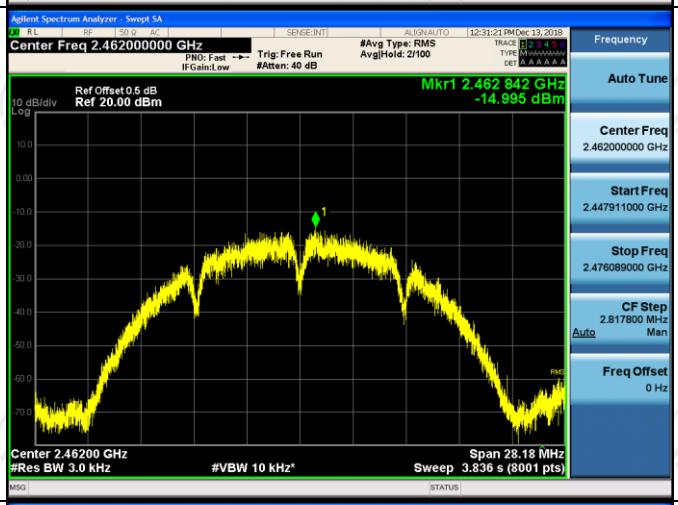
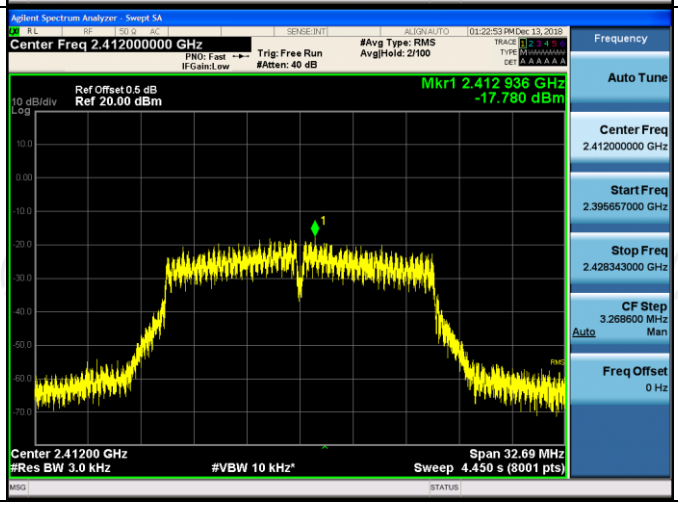
Power Spectral Density

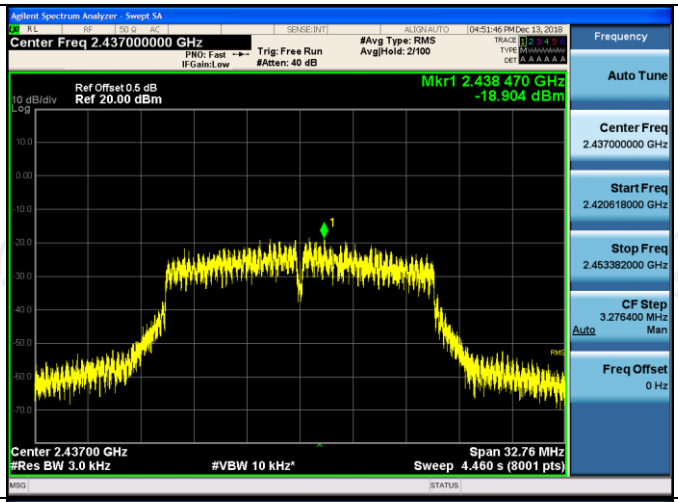
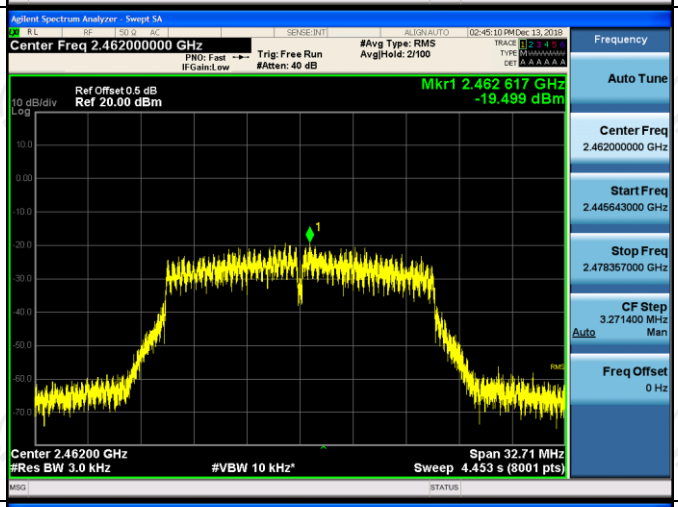
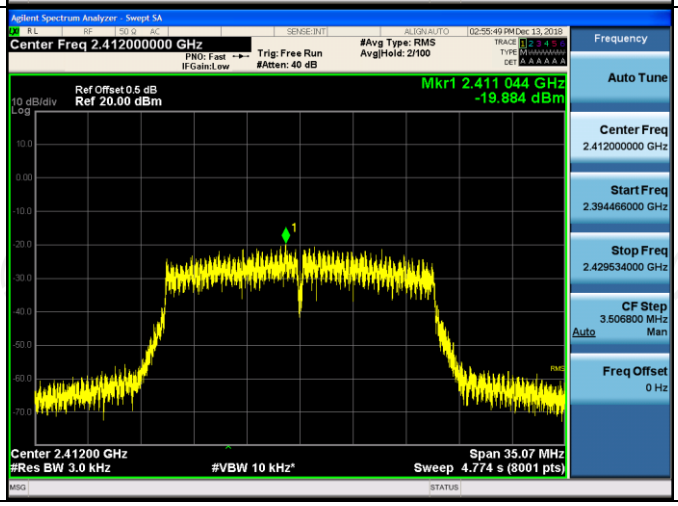
Result Table

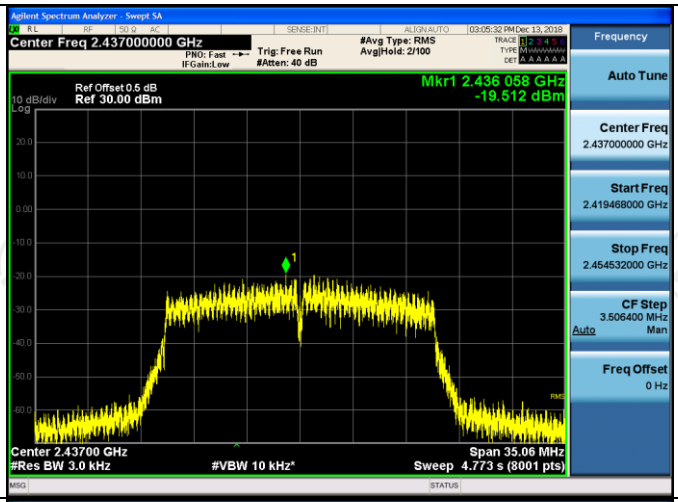
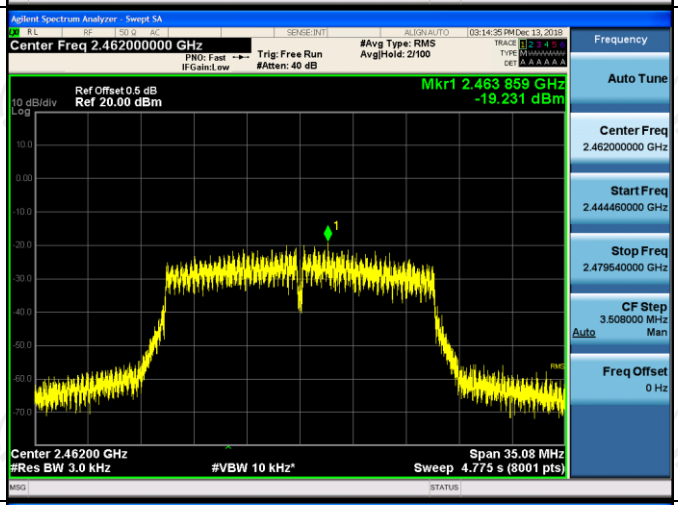
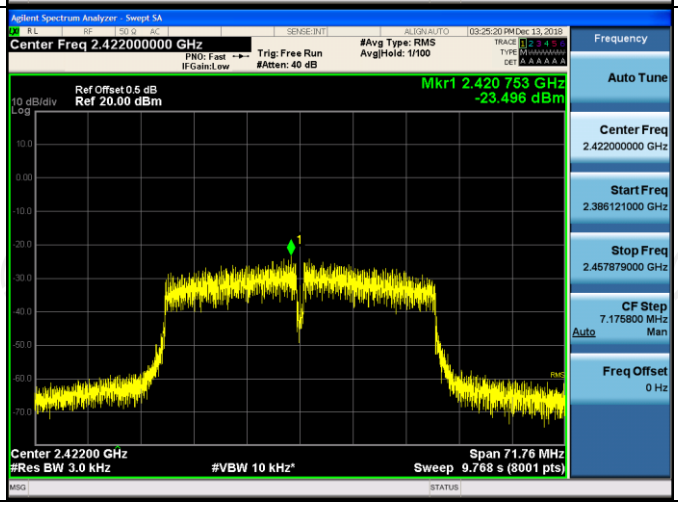
Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	-13.685	PASS
11B	MCH	-14.998	PASS
11B	HCH	-14.995	PASS
11G	LCH	-17.780	PASS
11G	MCH	-18.904	PASS
11G	HCH	-19.499	PASS
11N20SISO	LCH	-19.884	PASS
11N20SISO	MCH	-19.512	PASS
11N20SISO	HCH	-19.231	PASS
11N40SISO	LCH	-23.496	PASS
11N40SISO	MCH	-23.548	PASS
11N40SISO	HCH	-25.245	PASS

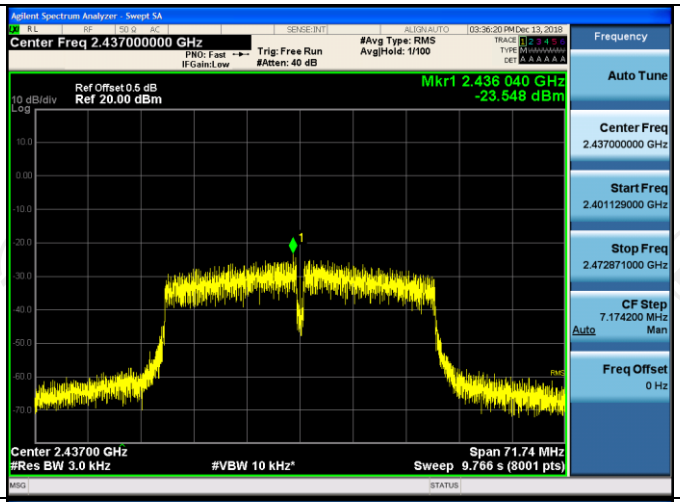
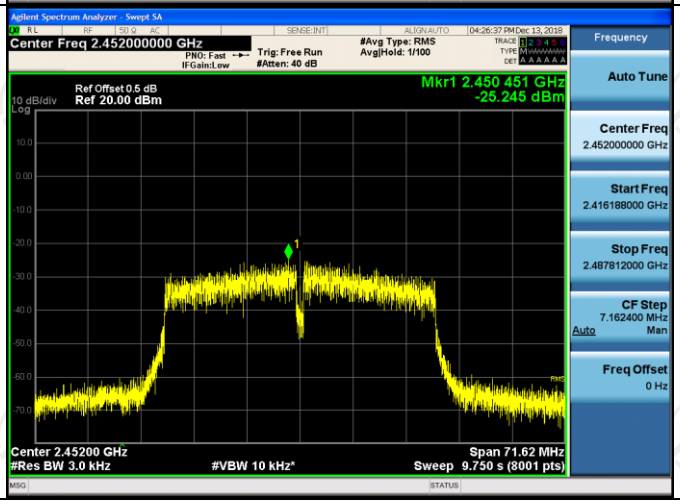
Test Graph

Graphs			
11B/LCH			

11B/MCH			
11B/HCH			
11G/LCH			

11G/MCH			
11G/HCH			
11N20SISO/LCH			

11N20SISO/MCH			
11N20SISO/HCH			
11N40SISO/LCH			

11N40SISO/MCH			
11N40SISO/HCH			

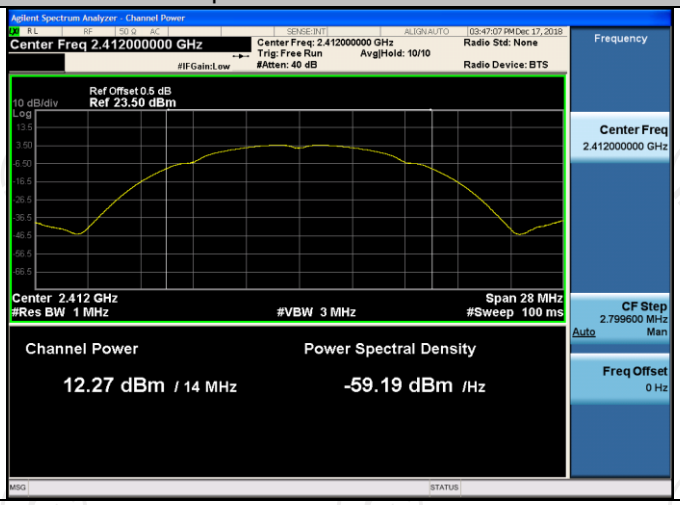
Antenna 1

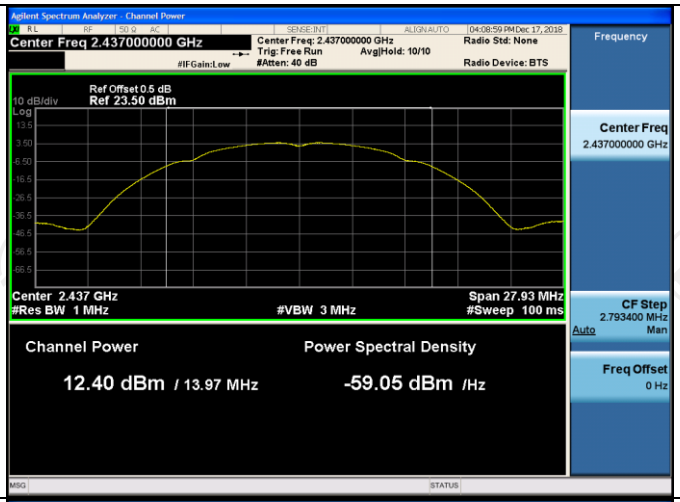
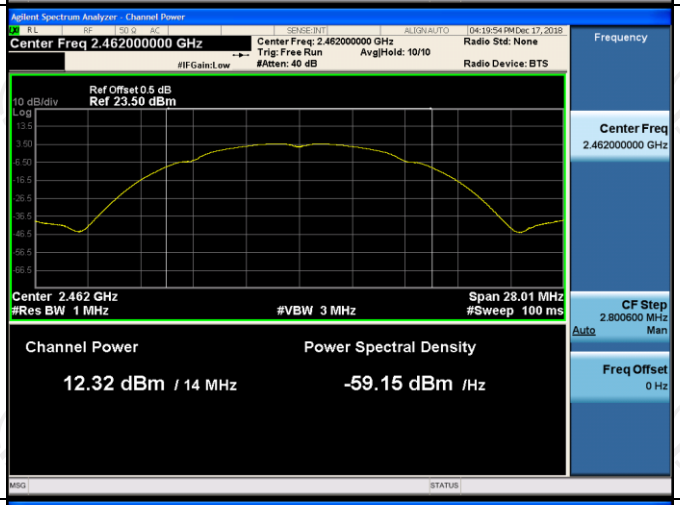
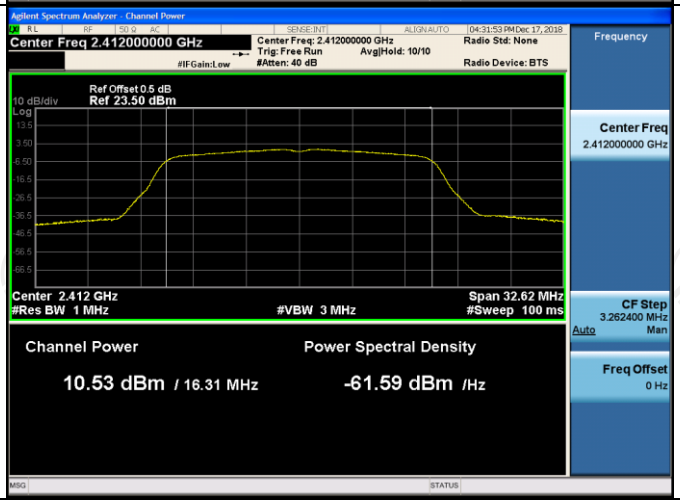
Conducted Average Output Power

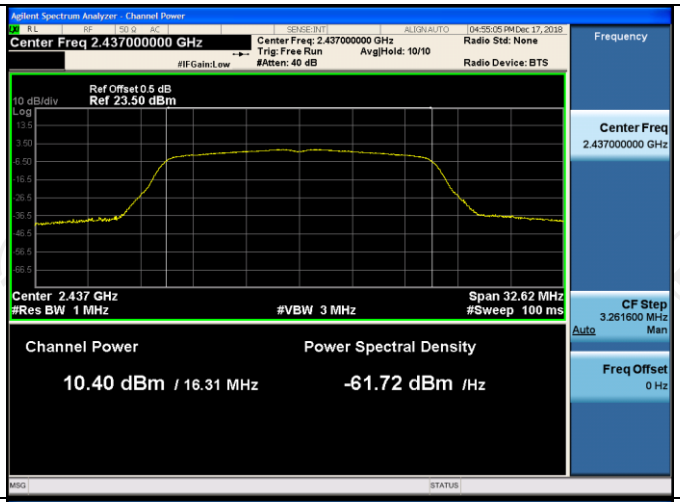
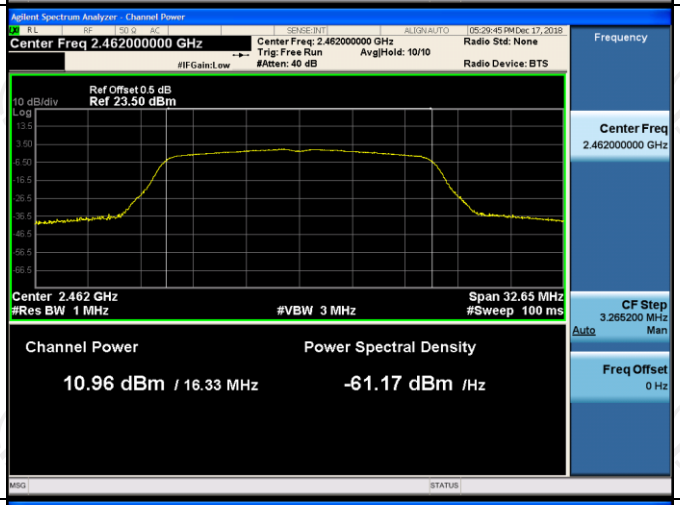
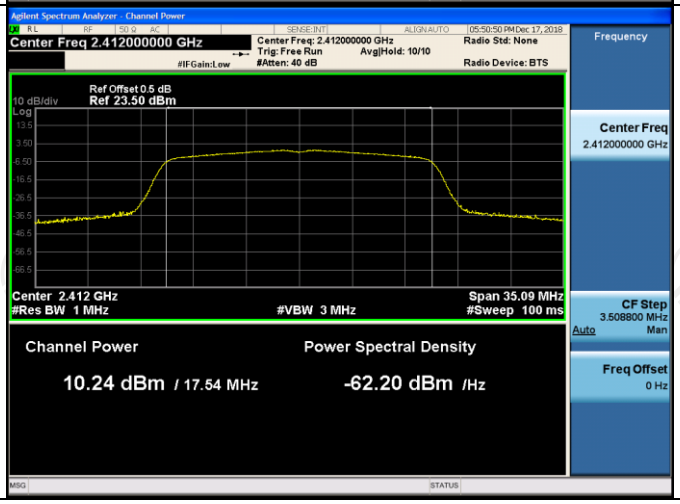
Result Table

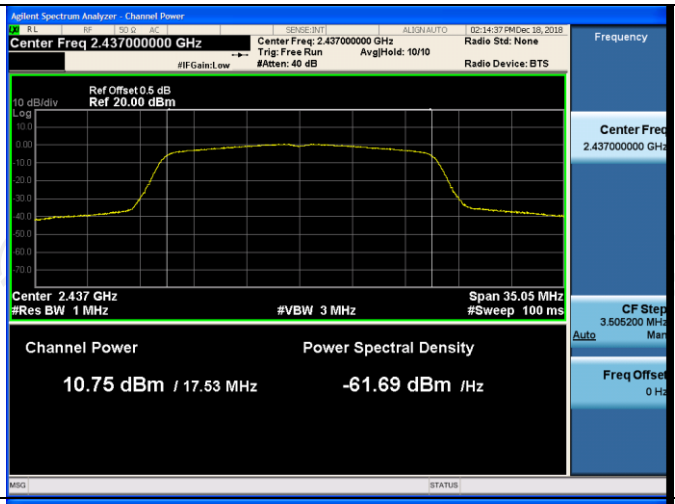
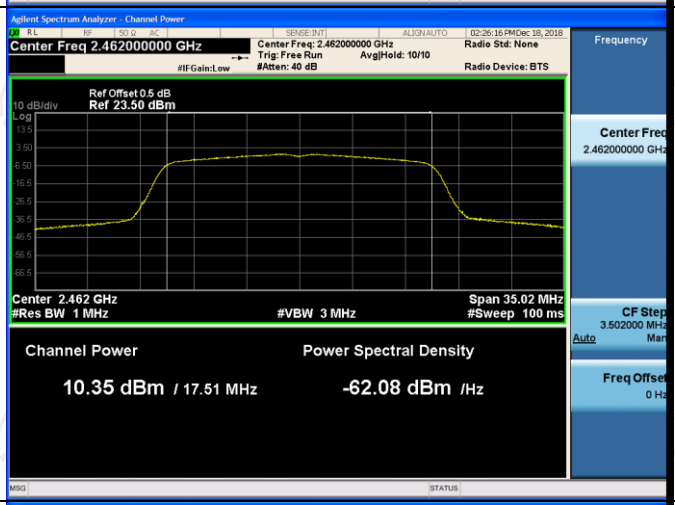
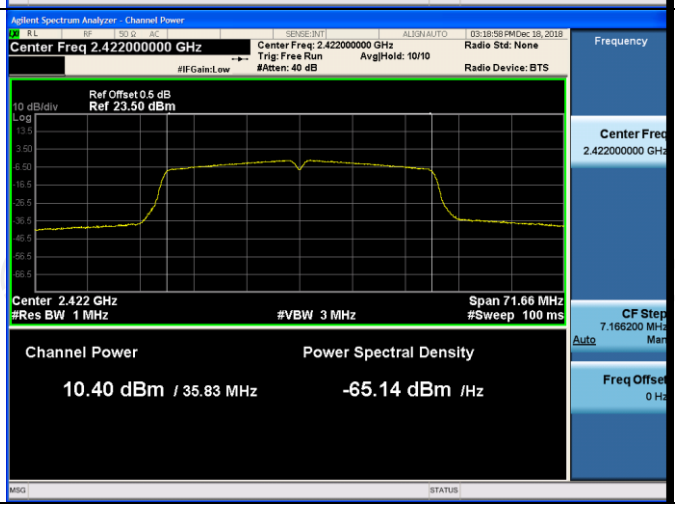
Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	12.27	PASS
11B	MCH	12.40	PASS
11B	HCH	12.32	PASS
11G	LCH	10.53	PASS
11G	MCH	10.40	PASS
11G	HCH	10.96	PASS
11N20SISO	LCH	10.24	PASS
11N20SISO	MCH	10.75	PASS
11N20SISO	HCH	10.35	PASS
11N40SISO	LCH	10.40	PASS
11N40SISO	MCH	10.02	PASS
11N40SISO	HCH	10.58	PASS

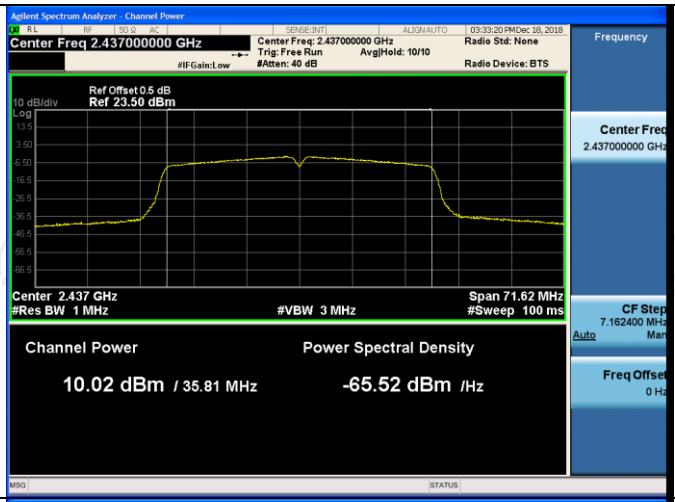
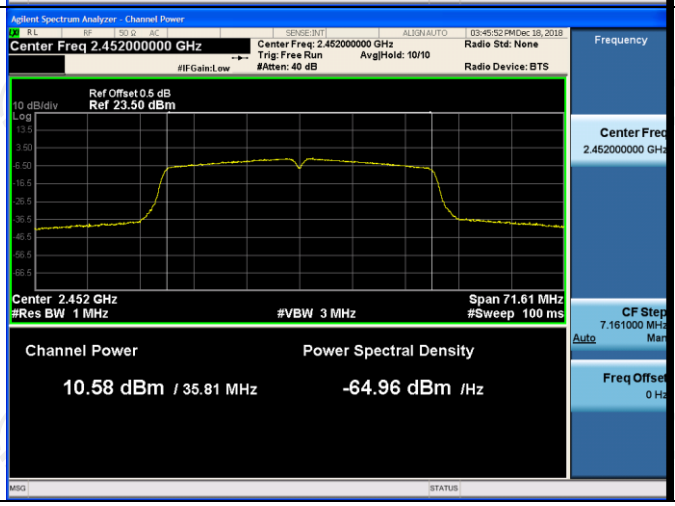
Test Graph

Graphs		
11B/LCH		

11B/MCH			
11B/HCH			
11G/LCH			

11G/MCH			
11G/HCH			
11N20SISO/LCH			

11N20SISO/MCH			
11N20SISO/HCH			
11N40SISO/LCH			

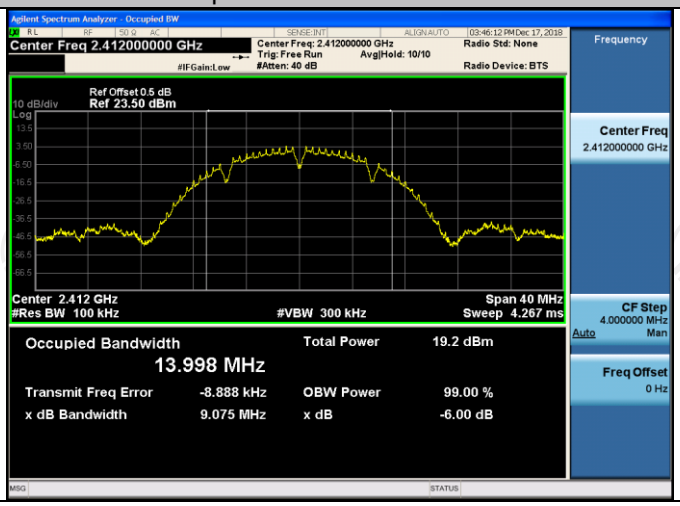
11N40SISO/MCH			
11N40SISO/HCH			

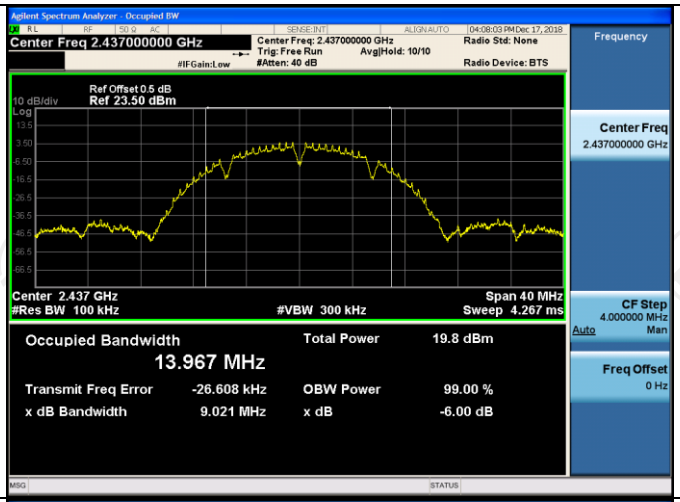
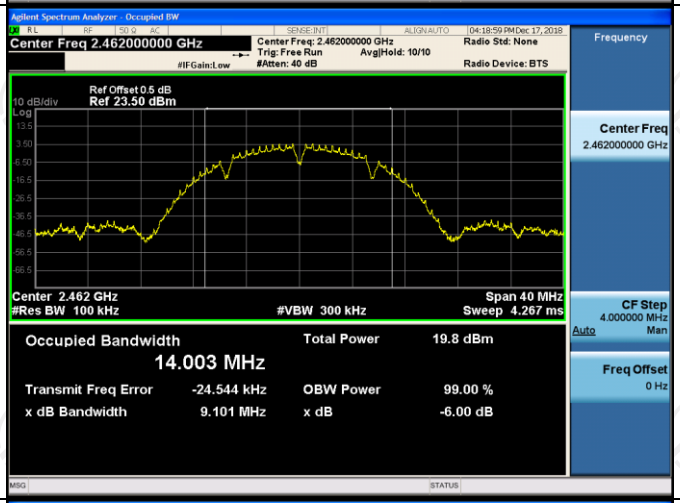
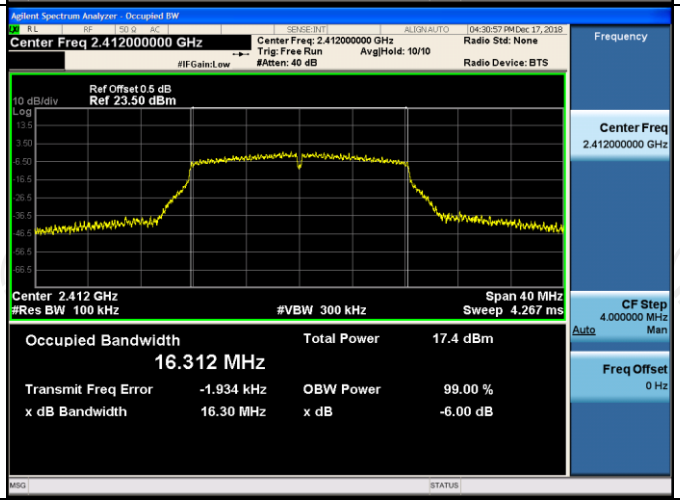
6dB Occupied Bandwidth

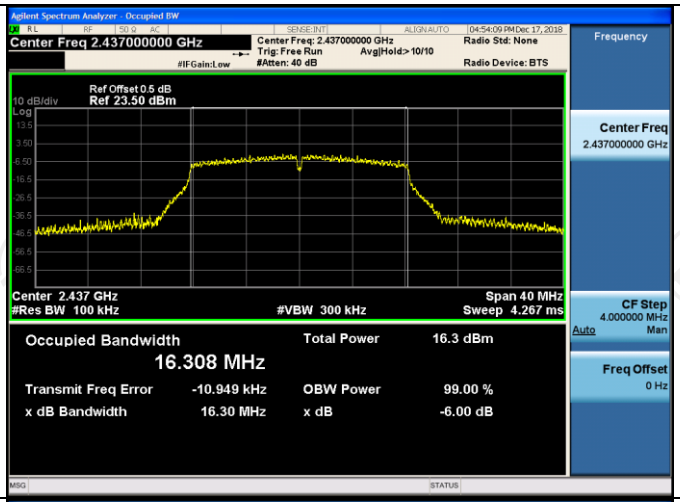
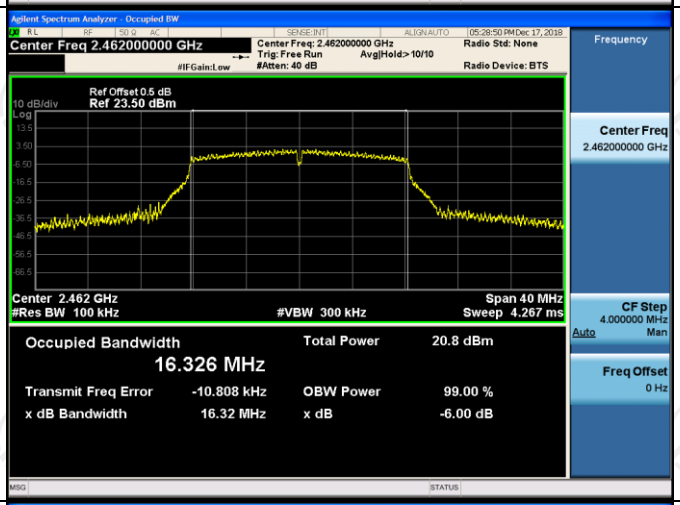
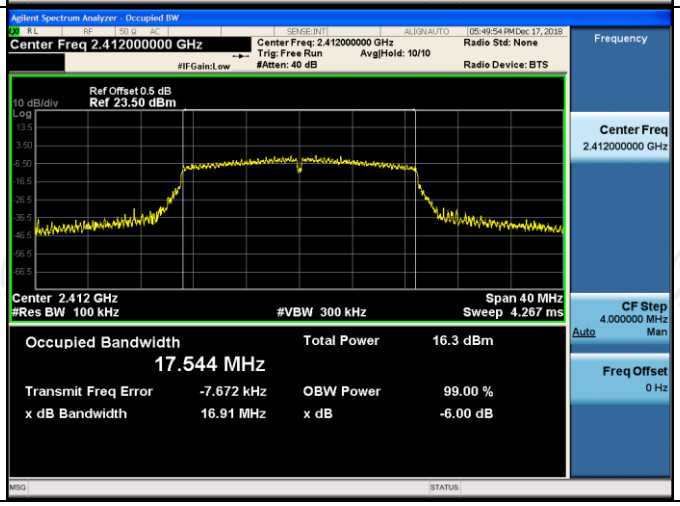
Result Table

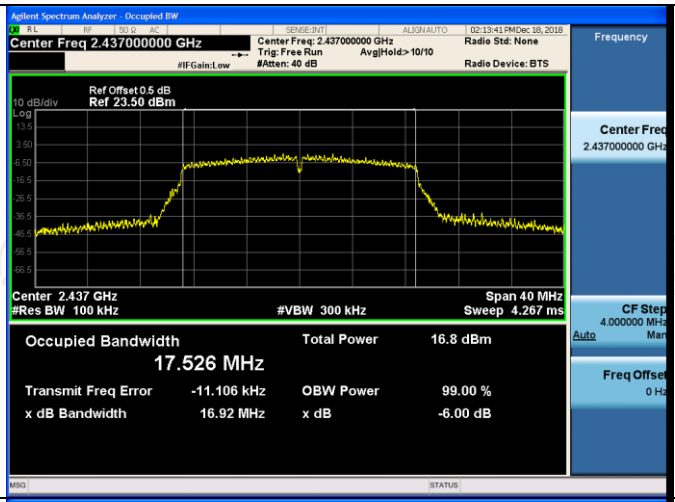
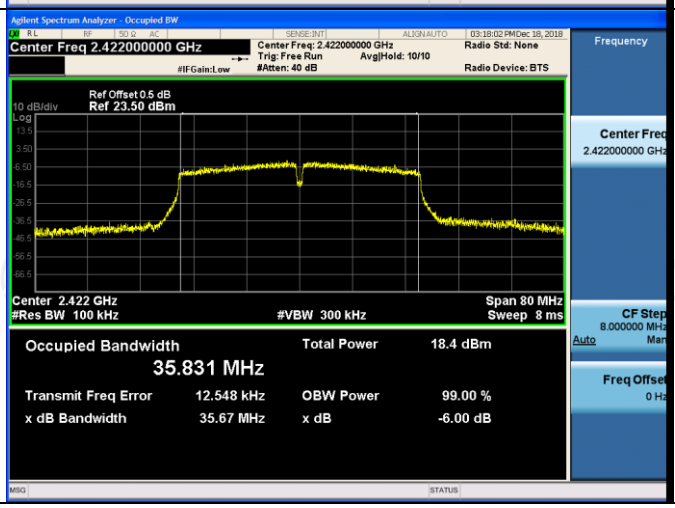
Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	9.075	13.998	PASS
11B	MCH	9.021	13.967	PASS
11B	HCH	9.101	14.003	PASS
11G	LCH	16.30	16.312	PASS
11G	MCH	16.30	16.308	PASS
11G	HCH	16.32	16.326	PASS
11N20SISO	LCH	16.91	17.544	PASS
11N20SISO	MCH	16.92	17.526	PASS
11N20SISO	HCH	17.53	17.510	PASS
11N40SISO	LCH	35.67	35.831	PASS
11N40SISO	MCH	35.05	35.812	PASS
11N40SISO	HCH	33.18	35.805	PASS

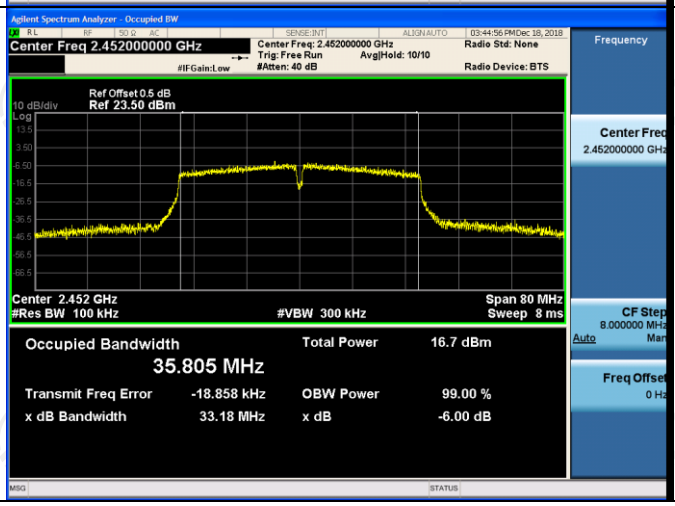
Test Graph

Graphs			
11B/LCH			

11B/MCH			
11B/HCH			
11G/LCH			

11G/MCH			
11G/HCH			
11N20SISO/LCH			

11N20SISO/MCH			
11N20SISO/HCH			
11N40SISO/LCH			

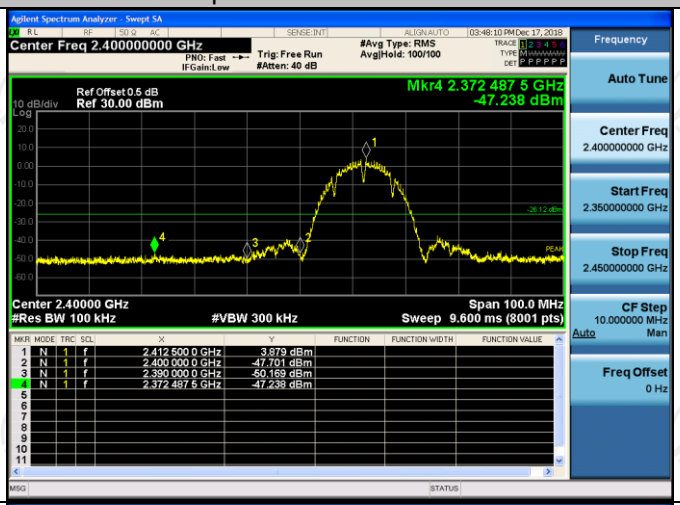
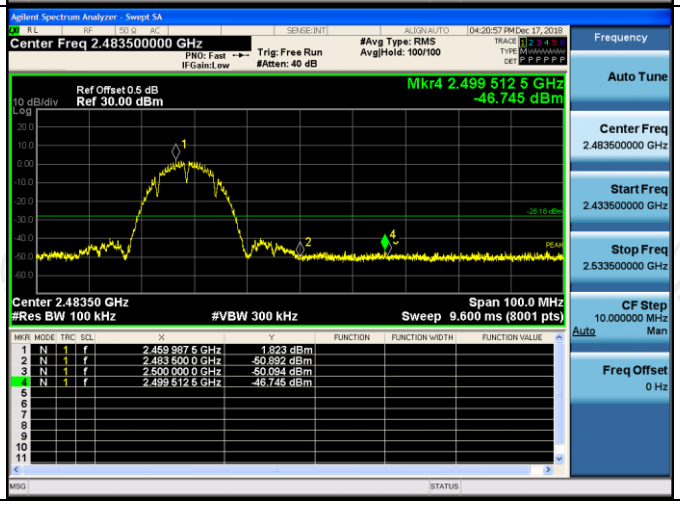
11N40SISO/MCH			
11N40SISO/HCH			

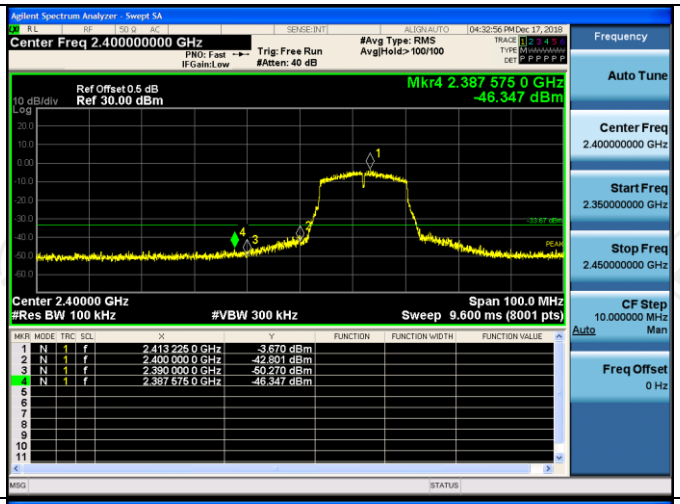
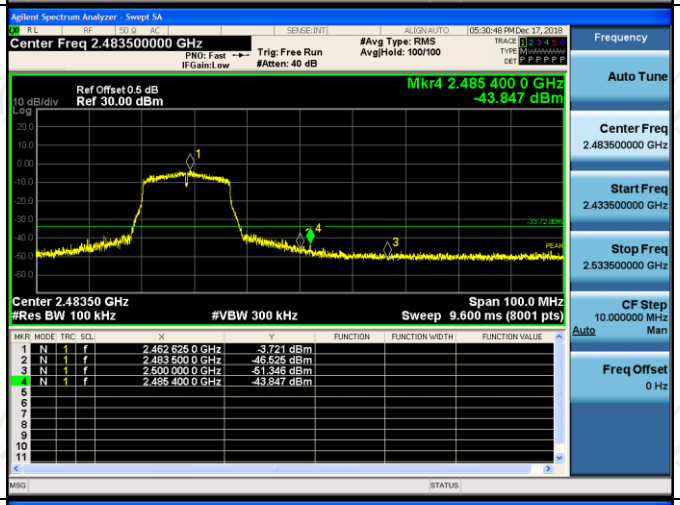
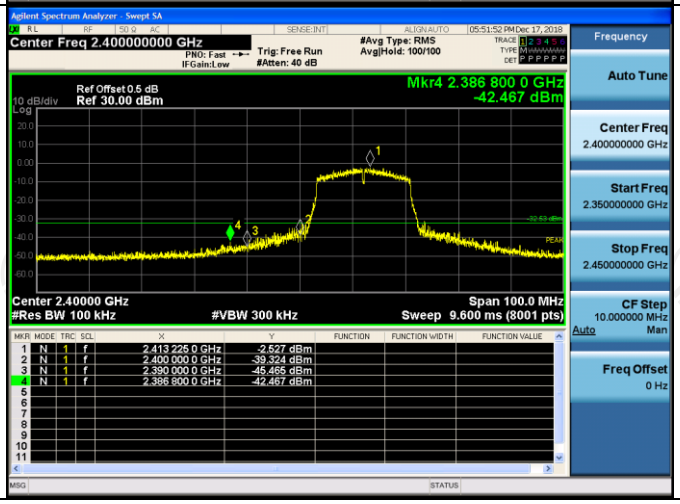
Band-edge for RF Conducted Emissions

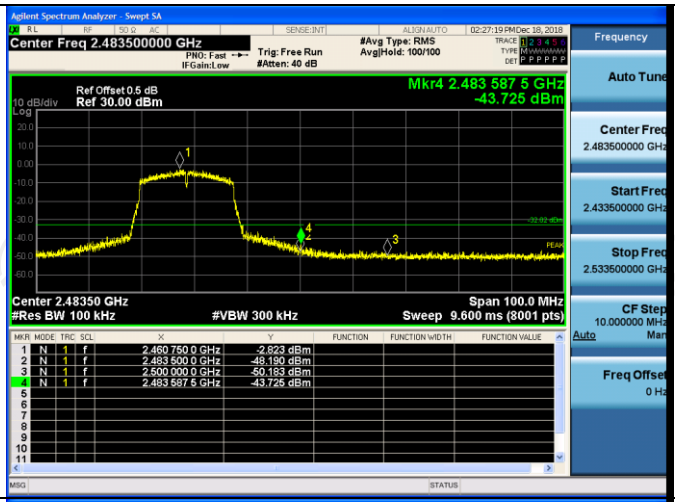
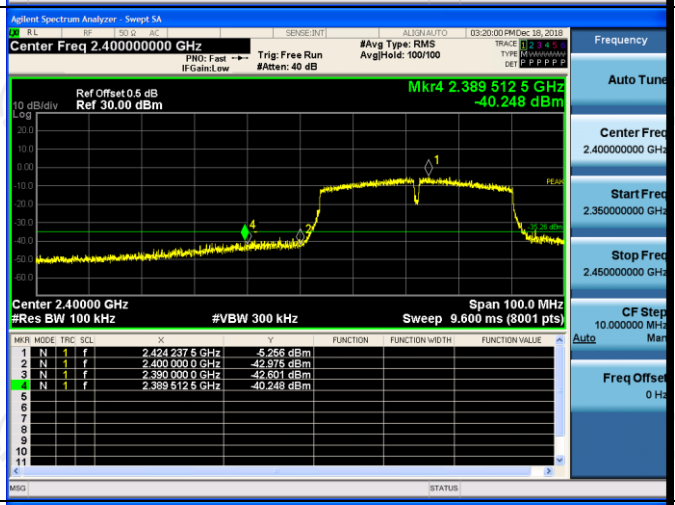
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	3.879	-47.238	-26.12	PASS
11B	HCH	1.823	-46.745	-28.18	PASS
11G	LCH	-3.670	-46.347	-33.67	PASS
11G	HCH	-3.721	-43.847	-33.72	PASS
11N20SISO	LCH	-2.527	-42.467	-32.53	PASS
11N20SISO	HCH	-2.823	-43.725	-32.82	PASS
11N40SISO	LCH	-5.256	-40.248	-35.26	PASS
11N40SISO	HCH	-7.782	-41.770	-37.78	PASS

Test Graph

Graphs			
11B/LCH			
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	3.068	<Limit	PASS
11B	MCH	2.477	<Limit	PASS
11B	HCH	1.291	<Limit	PASS
11G	LCH	-4.174	<Limit	PASS
11G	MCH	-2.456	<Limit	PASS
11G	HCH	-4.505	<Limit	PASS
11N20SISO	LCH	-1.541	<Limit	PASS
11N20SISO	MCH	-1.819	<Limit	PASS
11N20SISO	HCH	-2.807	<Limit	PASS
11N40SISO	LCH	-5.417	<Limit	PASS
11N40SISO	MCH	-6.983	<Limit	PASS
11N40SISO	HCH	-7.458	<Limit	PASS

Test Graph

11B_LCH_Graphs		
Pref/11B/LCH