
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 14.908 125 GHz
-50.472 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

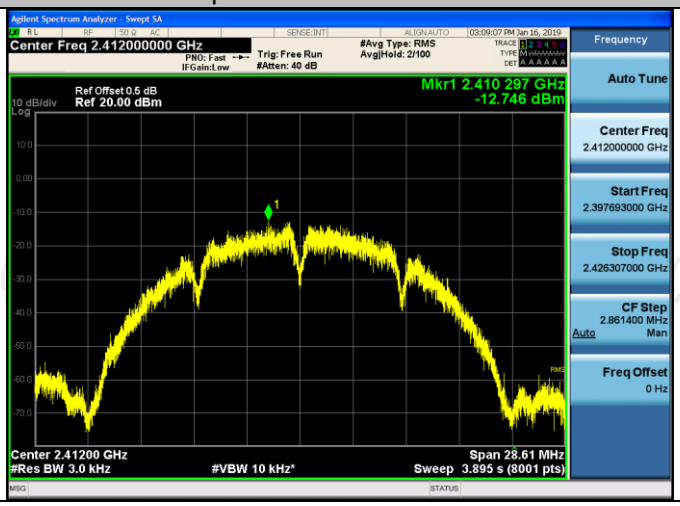

Agilent Spectrum Analyzer - Swept SA
Center Freq 20.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 32 dB
#Avg Type: RMS
Avg|Hold: 100/100
Ref Offset 0.5 dB
10 dB/div
Ref 22.50 dBm
Mkr1 24.927 50 GHz
-41.673 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 955.7 ms (8001 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

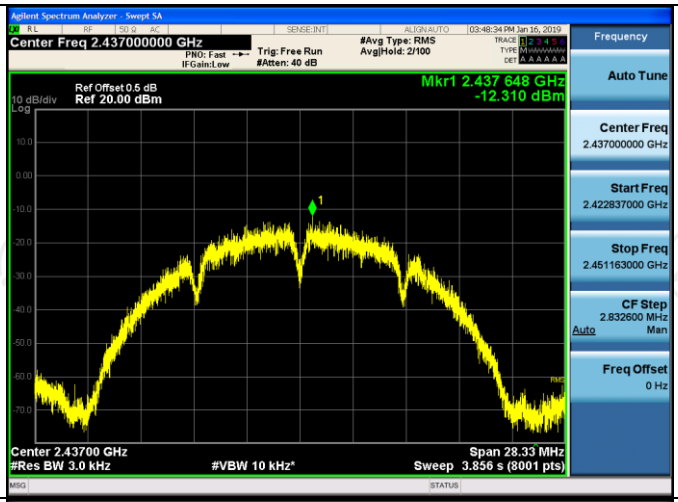
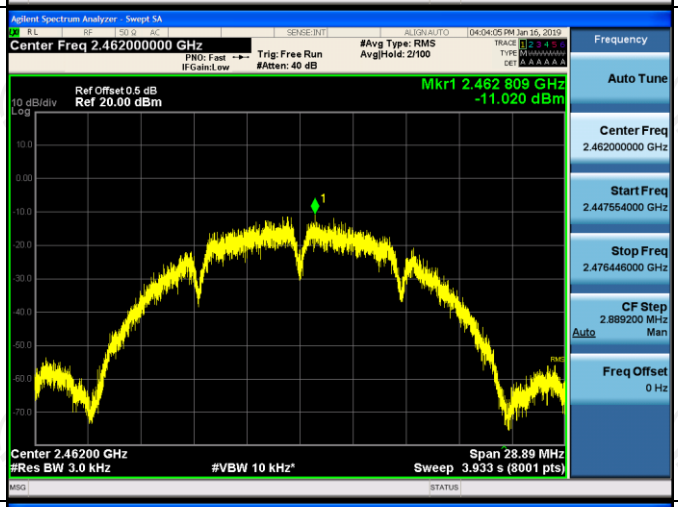
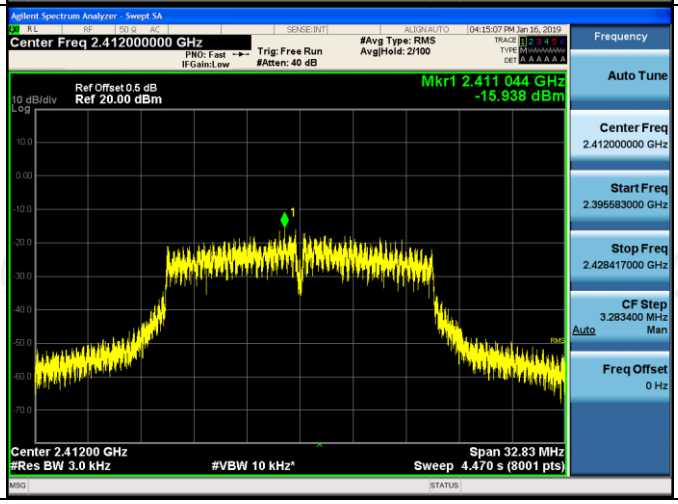
Power Spectral Density

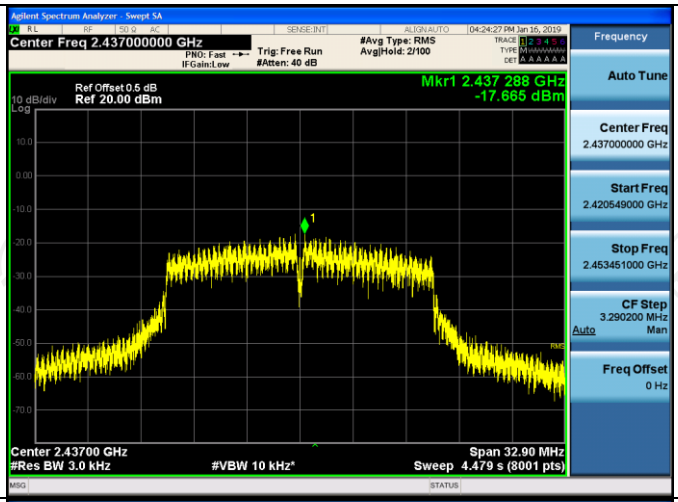
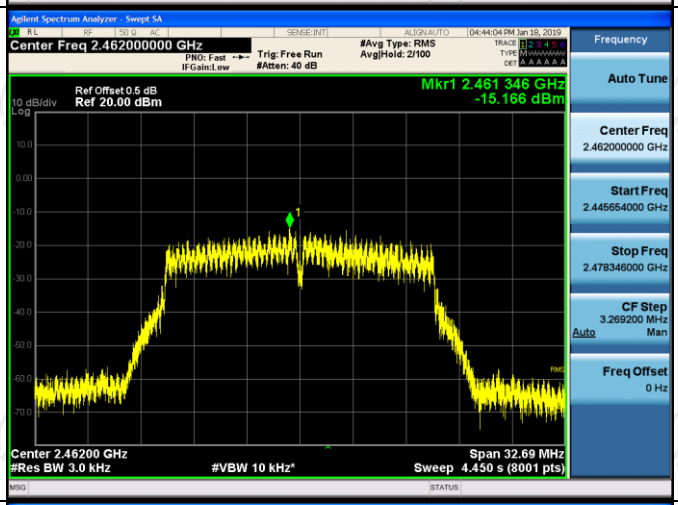
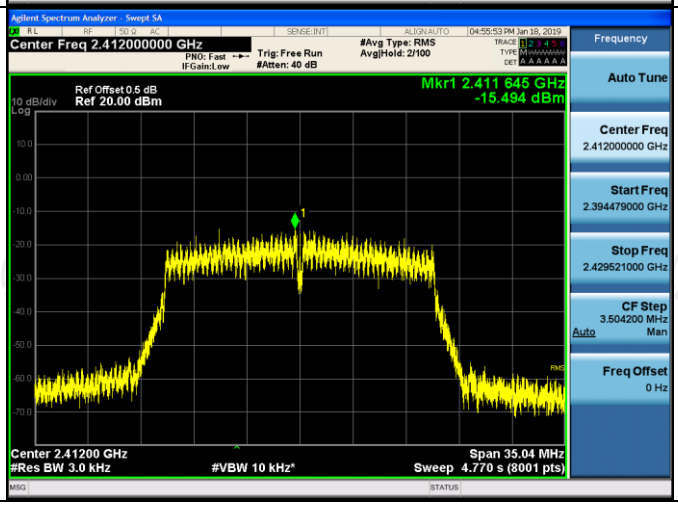
Result Table

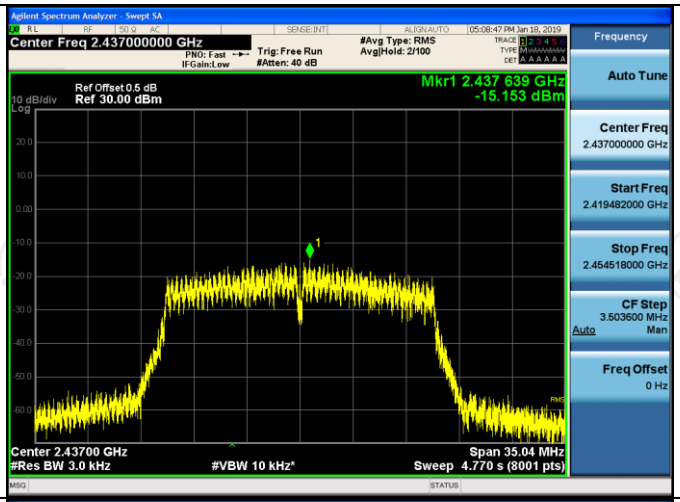
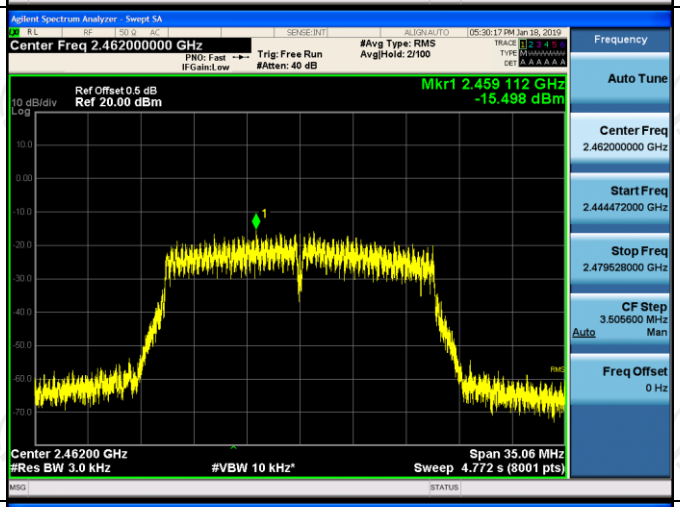
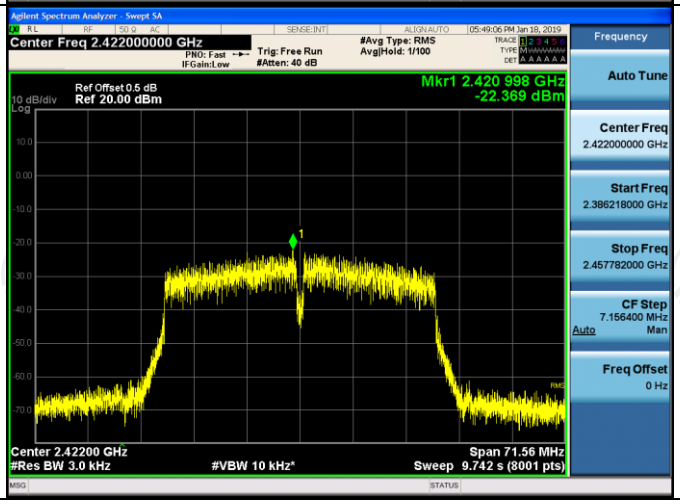
Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	-12.746	PASS
11B	MCH	-12.310	PASS
11B	HCH	-11.020	PASS
11G	LCH	-15.938	PASS
11G	MCH	-17.665	PASS
11G	HCH	-15.166	PASS
11N20SISO	LCH	-15.494	PASS
11N20SISO	MCH	-15.153	PASS
11N20SISO	HCH	-15.498	PASS
11N40SISO	LCH	-22.369	PASS
11N40SISO	MCH	-20.746	PASS
11N40SISO	HCH	-22.539	PASS

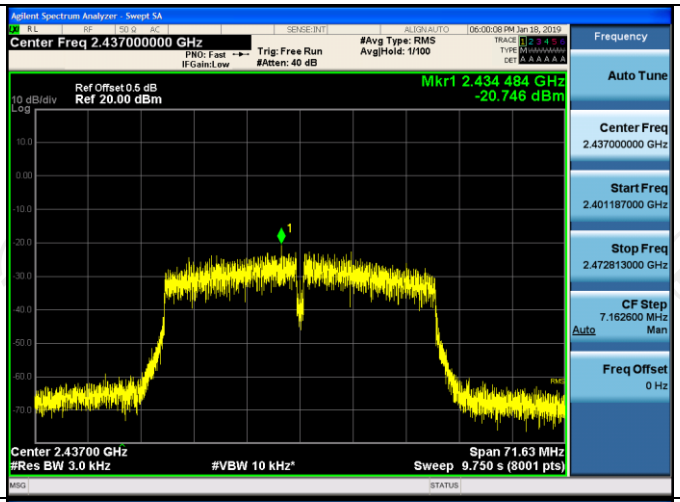
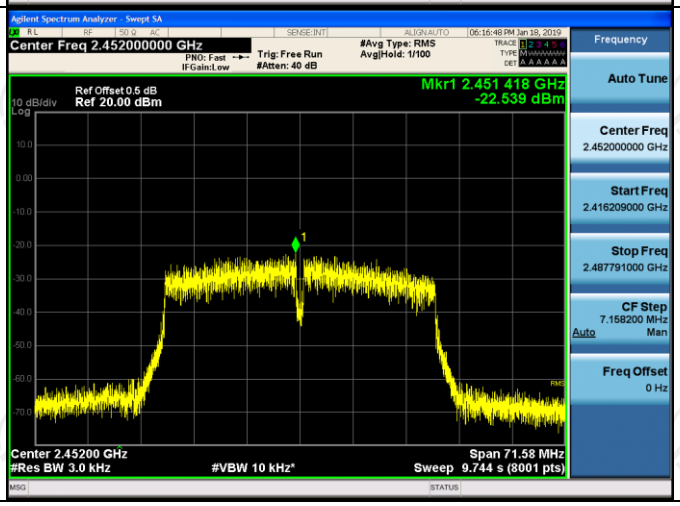
Test Graph

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			

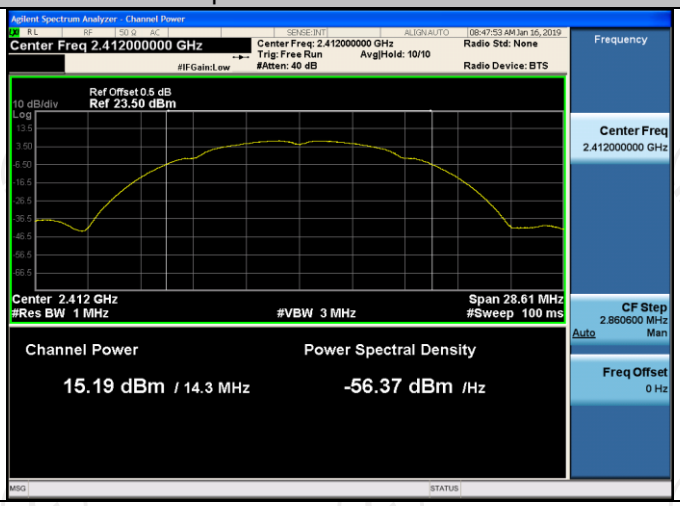
Antenna 1

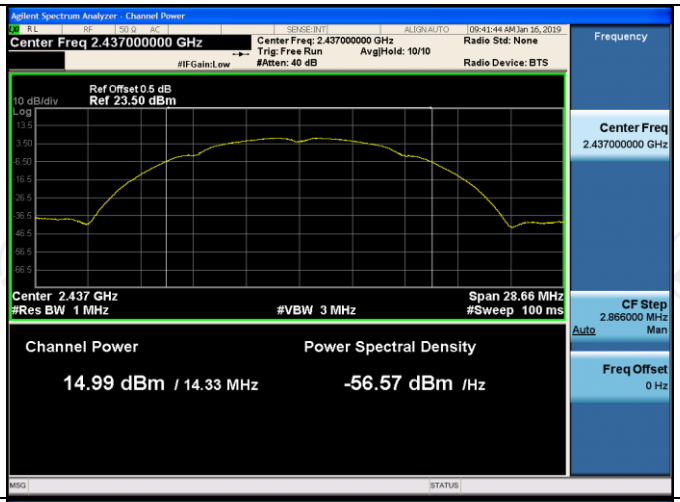
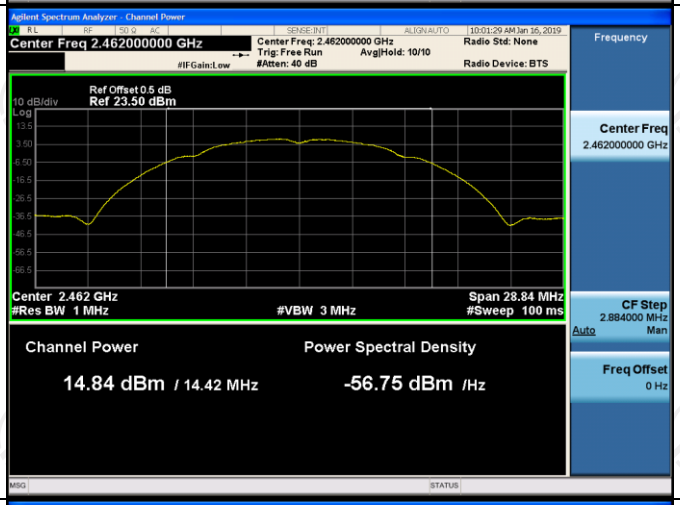
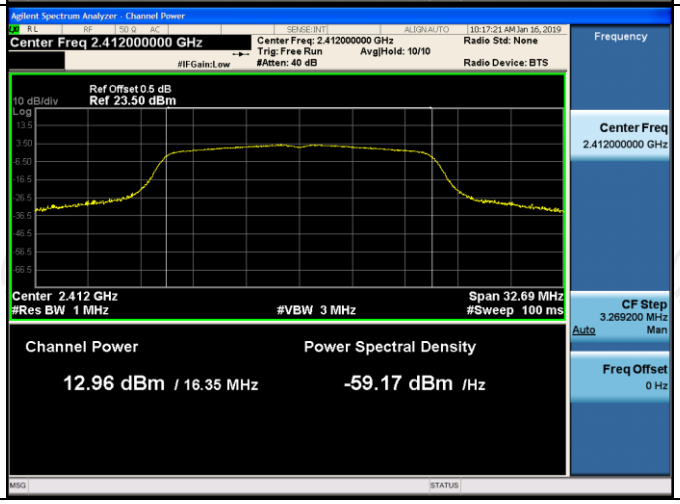
Conducted Average Output Power

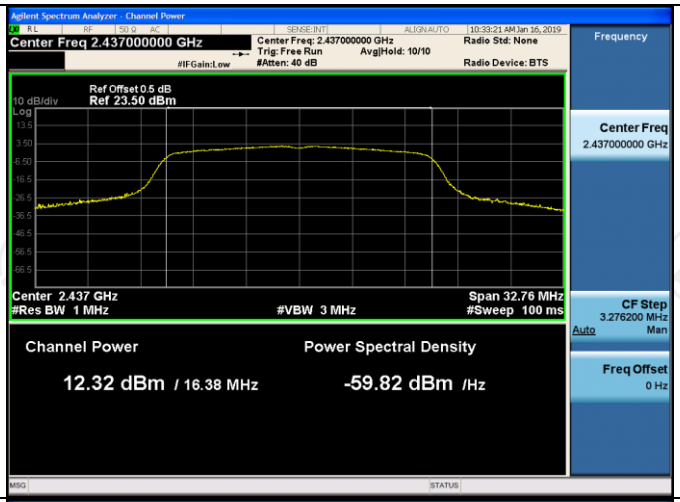
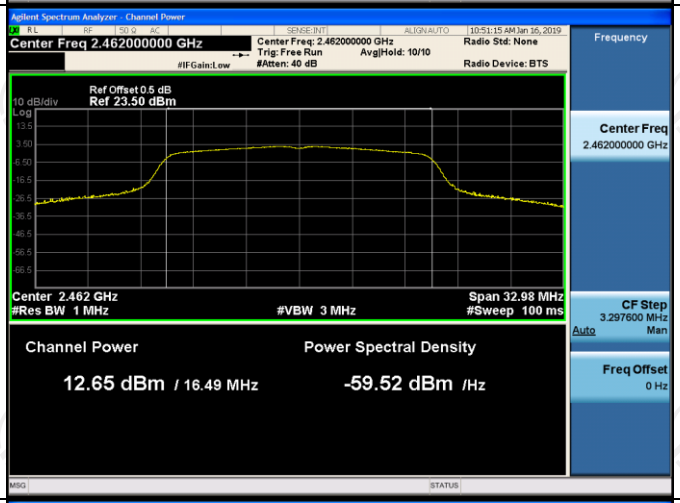
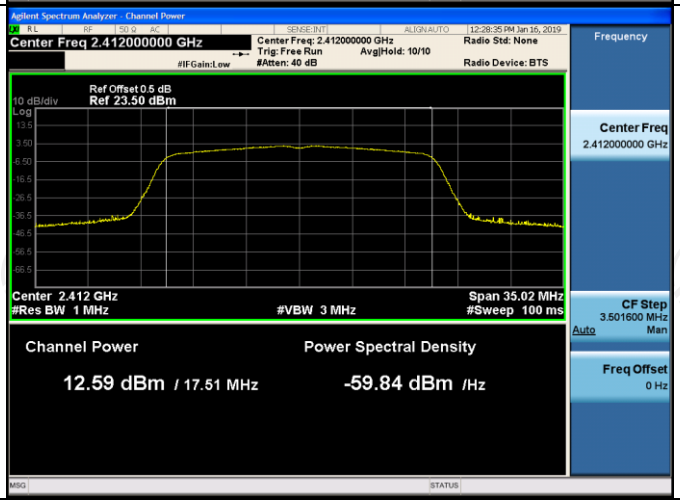
Result Table

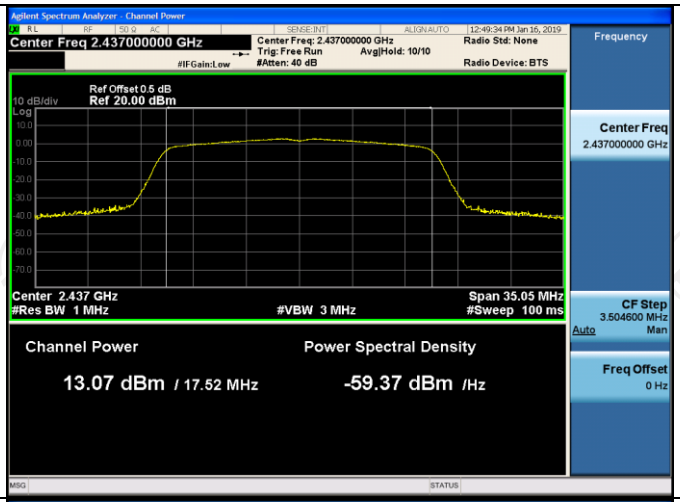
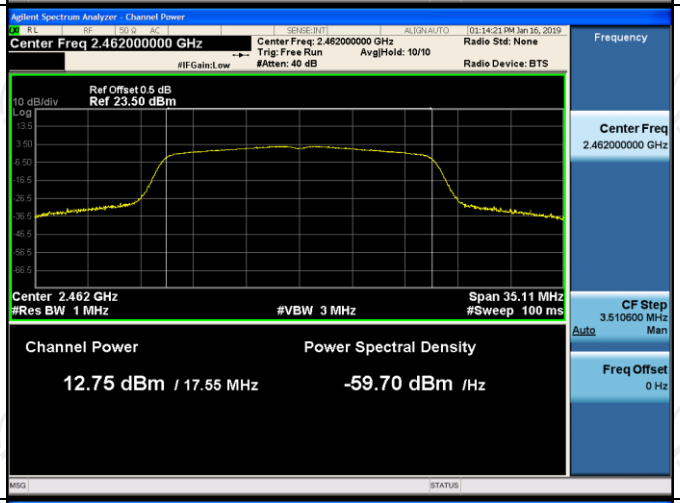
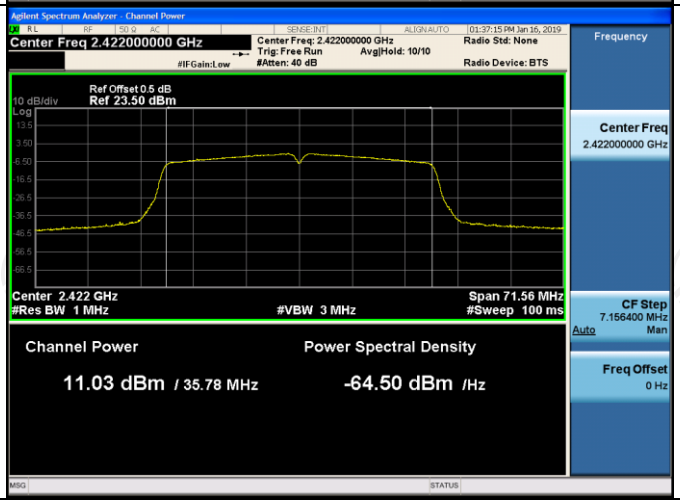
Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	15.19	PASS
11B	MCH	14.99	PASS
11B	HCH	14.84	PASS
11G	LCH	12.96	PASS
11G	MCH	12.32	PASS
11G	HCH	12.66	PASS
11N20SISO	LCH	12.59	PASS
11N20SISO	MCH	13.07	PASS
11N20SISO	HCH	12.75	PASS
11N40SISO	LCH	11.03	PASS
11N40SISO	MCH	10.66	PASS
11N40SISO	HCH	10.48	PASS

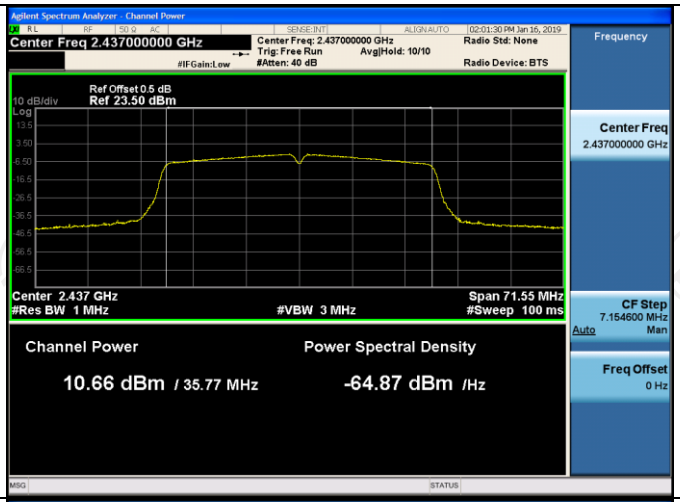
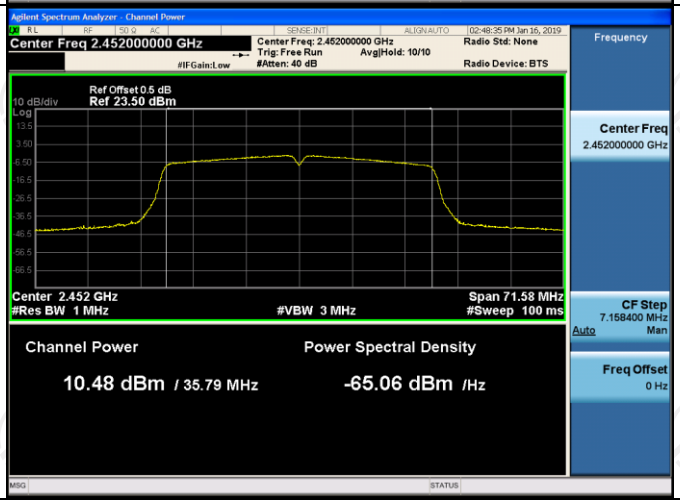
Test Graph

Graphs			
11B/LCH			

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

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

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

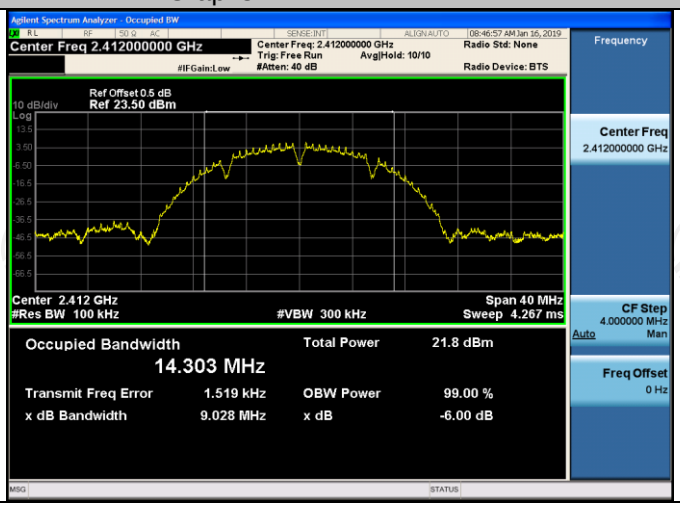
11N40SISO/MCH			
11N40SISO/HCH			

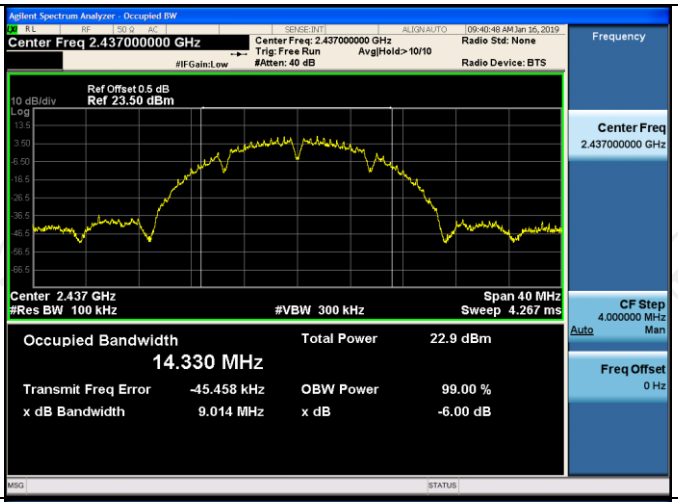
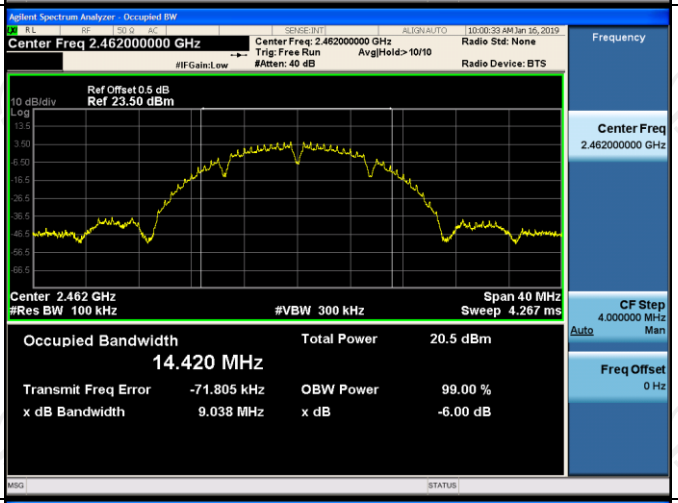
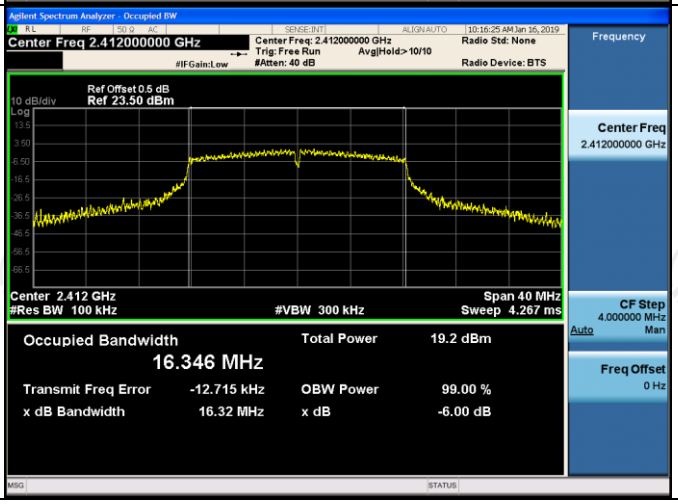
6dB Occupied Bandwidth

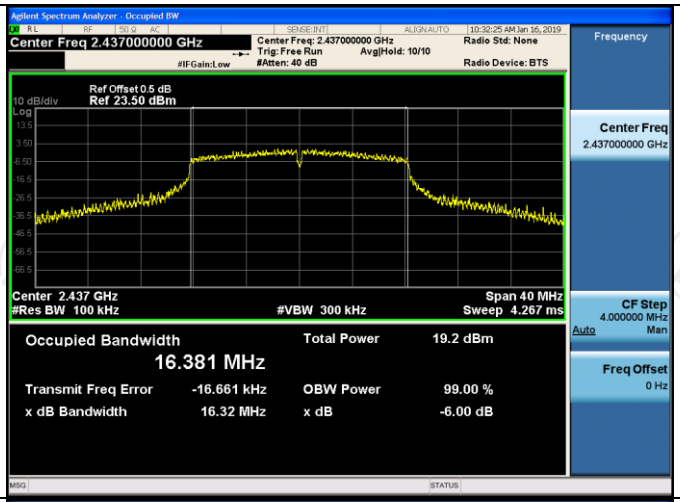
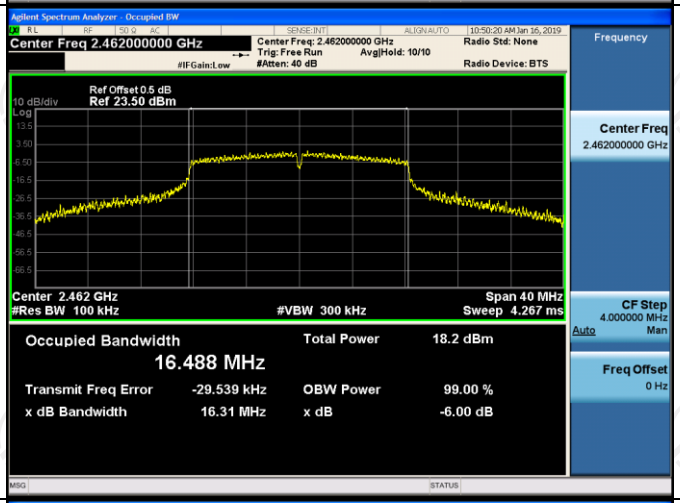
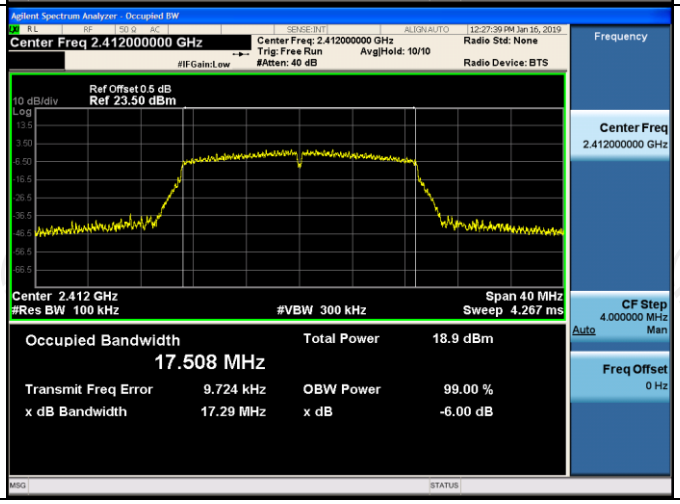
Result Table

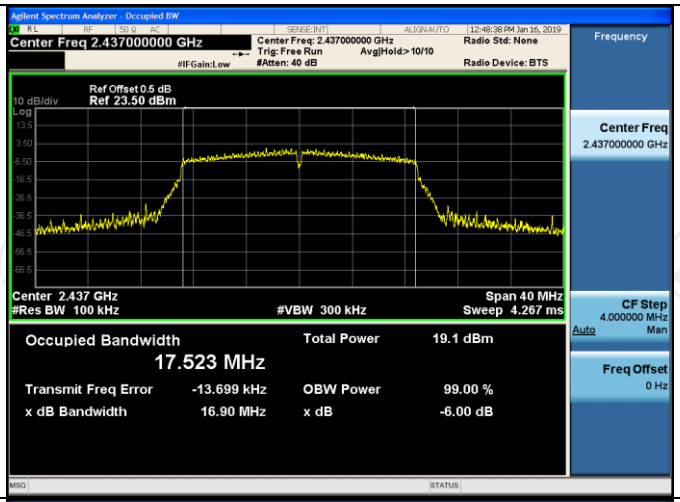
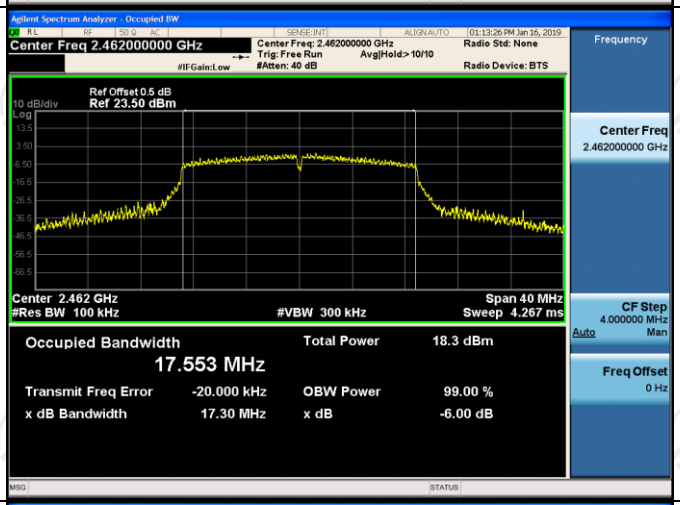
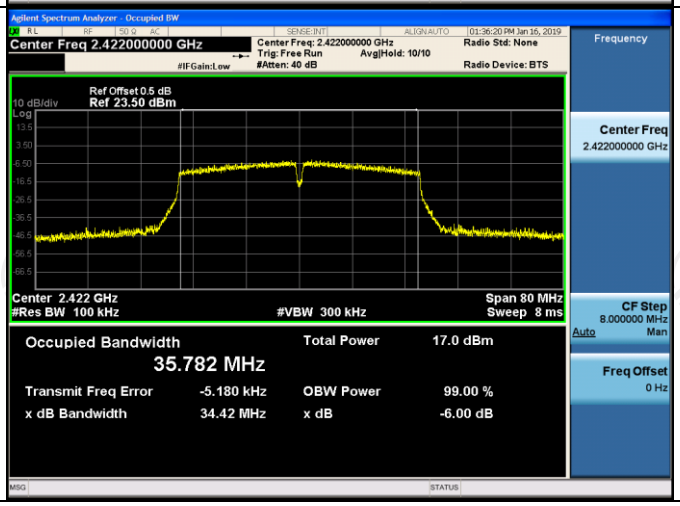
Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	9.028	14.303	PASS
11B	MCH	9.014	14.330	PASS
11B	HCH	9.038	14.420	PASS
11G	LCH	16.32	16.346	PASS
11G	MCH	16.32	16.381	PASS
11G	HCH	16.31	16.488	PASS
11N20SISO	LCH	17.29	17.508	PASS
11N20SISO	MCH	16.90	17.523	PASS
11N20SISO	HCH	17.30	17.553	PASS
11N40SISO	LCH	34.42	35.782	PASS
11N40SISO	MCH	34.71	35.773	PASS
11N40SISO	HCH	32.58	35.792	PASS

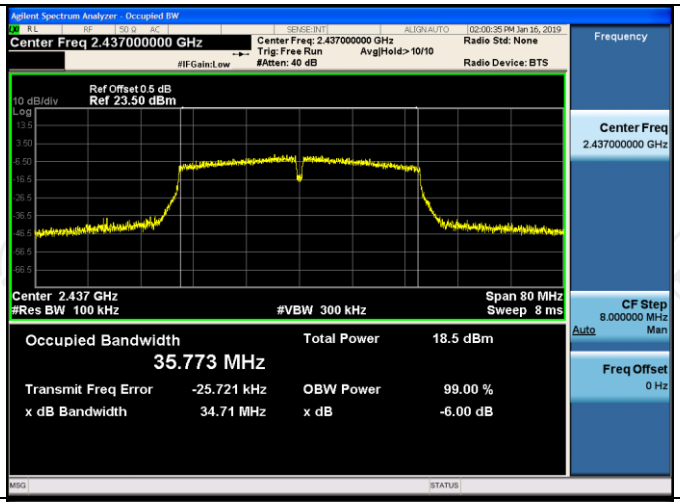
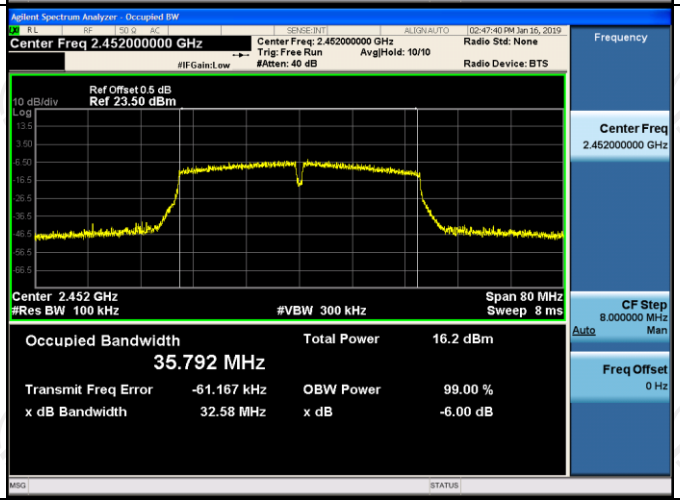
Test Graph

Graphs			
11B/LCH			

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

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

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

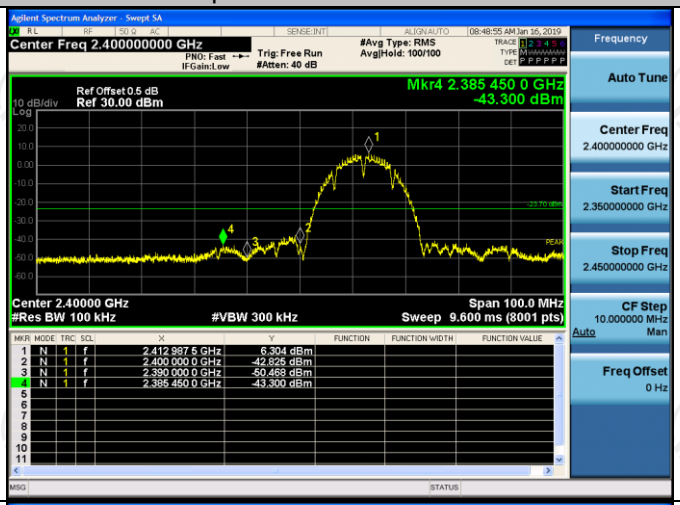
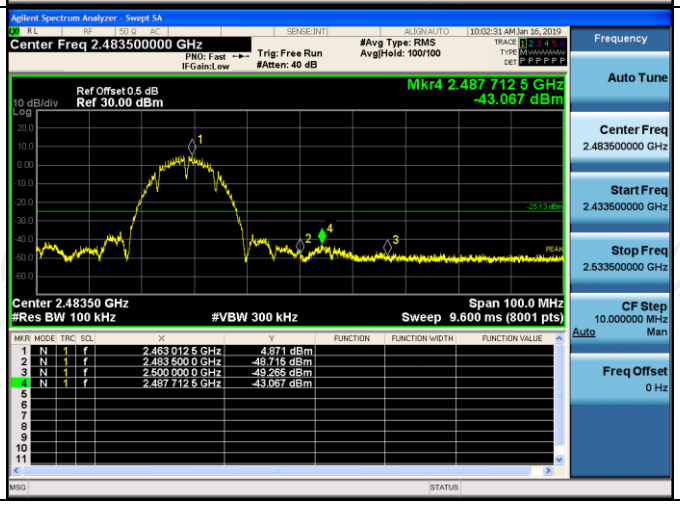
11N40SISO/MCH			
11N40SISO/HCH			

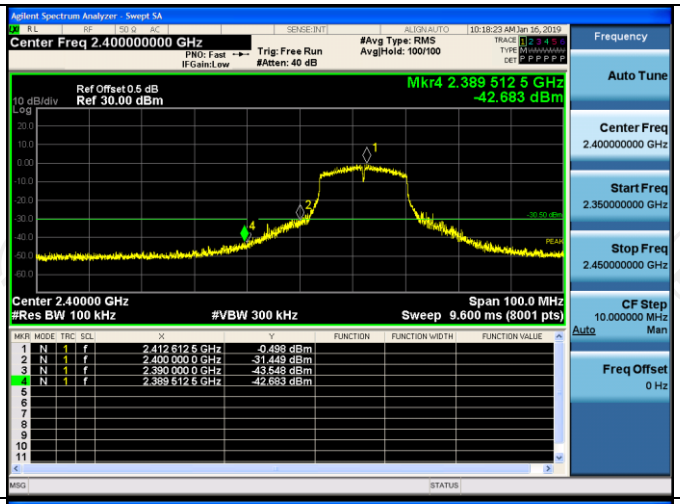
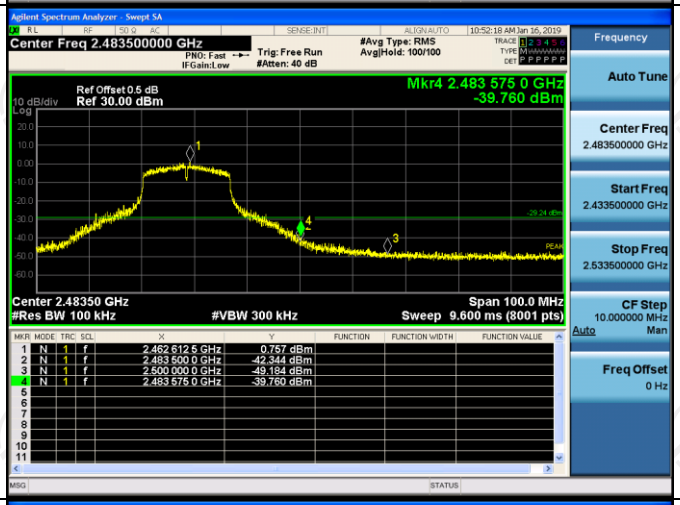
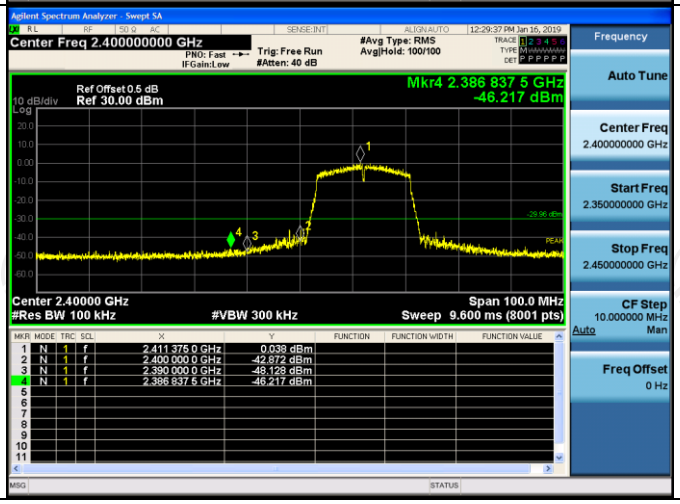
Band-edge for RF Conducted Emissions

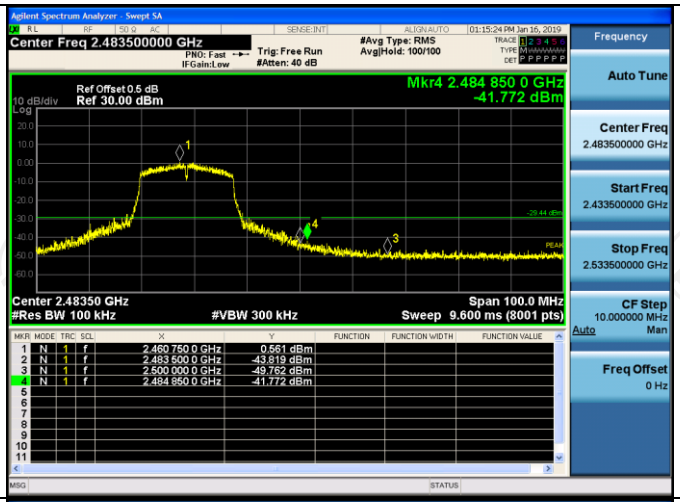
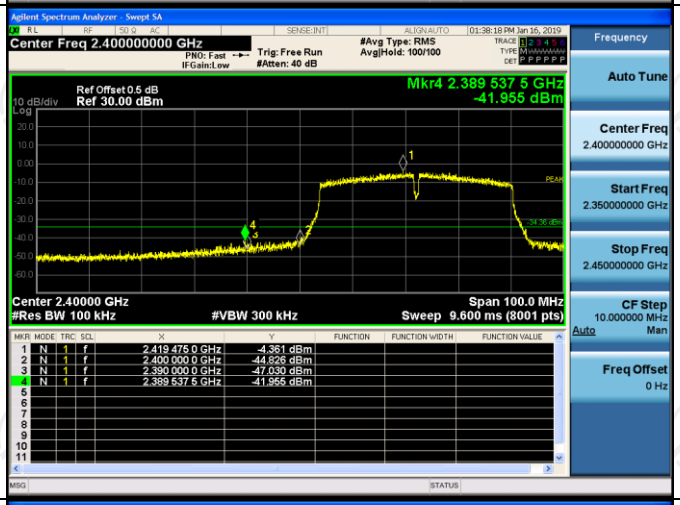
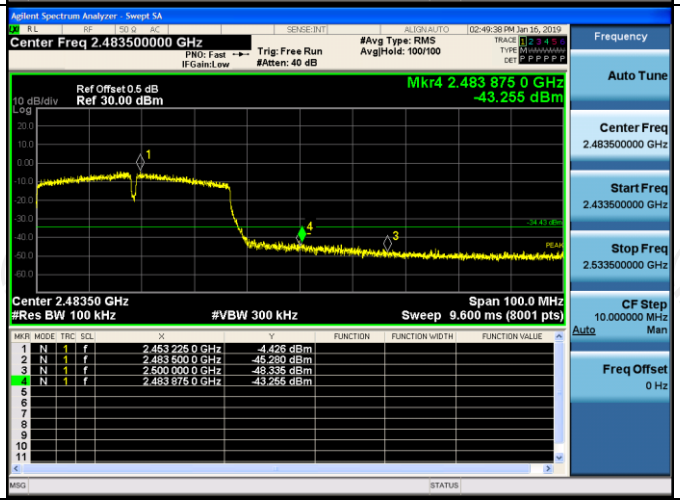
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	6.304	-43.300	-23.7	PASS
11B	HCH	4.871	-43.067	-25.13	PASS
11G	LCH	-0.498	-42.683	-30.5	PASS
11G	HCH	0.757	-39.760	-29.24	PASS
11N20SISO	LCH	0.038	-46.217	-29.96	PASS
11N20SISO	HCH	0.561	-41.772	-29.44	PASS
11N40SISO	LCH	-4.361	-41.955	-34.36	PASS
11N40SISO	HCH	-4.426	-43.255	-34.43	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	6.744	<Limit	PASS
11B	MCH	5.452	<Limit	PASS
11B	HCH	5.408	<Limit	PASS
11G	LCH	-0.329	<Limit	PASS
11G	MCH	-0.769	<Limit	PASS
11G	HCH	0.559	<Limit	PASS
11N20SISO	LCH	-0.216	<Limit	PASS
11N20SISO	MCH	0.779	<Limit	PASS
11N20SISO	HCH	0.382	<Limit	PASS
11N40SISO	LCH	-4.207	<Limit	PASS
11N40SISO	MCH	-4.319	<Limit	PASS
11N40SISO	HCH	-4.513	<Limit	PASS

Test Graph

11B_LCH_Graphs			
Pref/11B/LCH