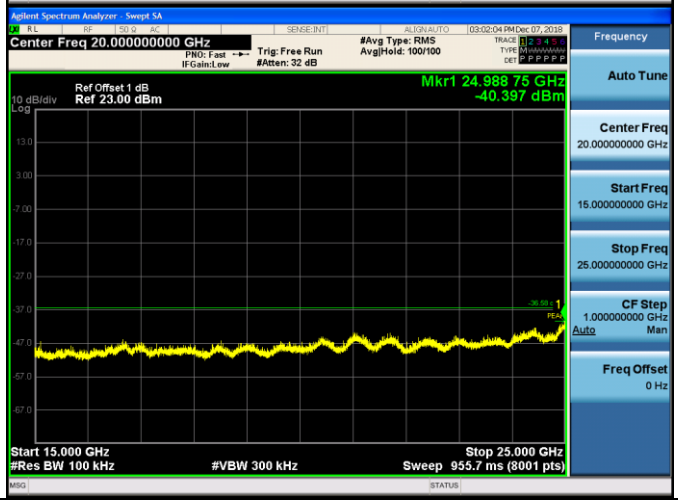

Agilent Spectrum Analyzer - Swept SA
Center Freq 12.500000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
03:00:00 PM Dec 07, 2018
Ref Offset 1 dB
10 dB/div
Ref 21.00 dBm
Log
Mkr1 14.891 875 GHz
-51.046 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 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
MSG
STATUS

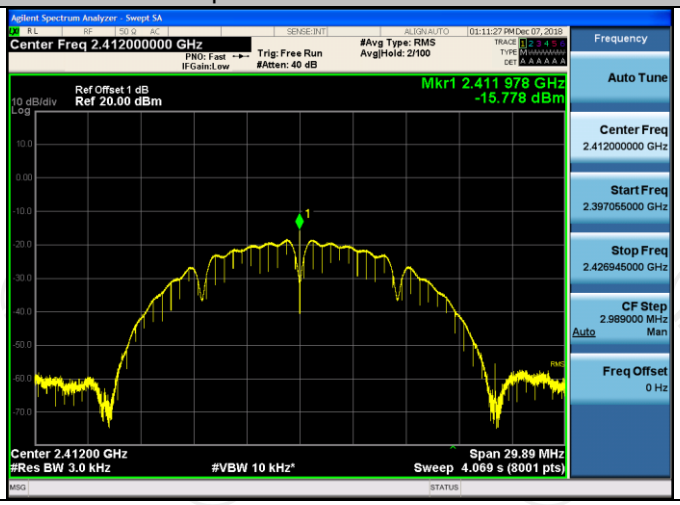

Agilent Spectrum Analyzer - Swept SA
Center Freq 20.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 32 dB
#Avg Type: RMS
Avg|Hold: 100/100
03:02:04 PM Dec 07, 2018
Ref Offset 1 dB
10 dB/div
Ref 23.00 dBm
Log
Mkr1 24.988 75 GHz
-40.397 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 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
MSG
STATUS

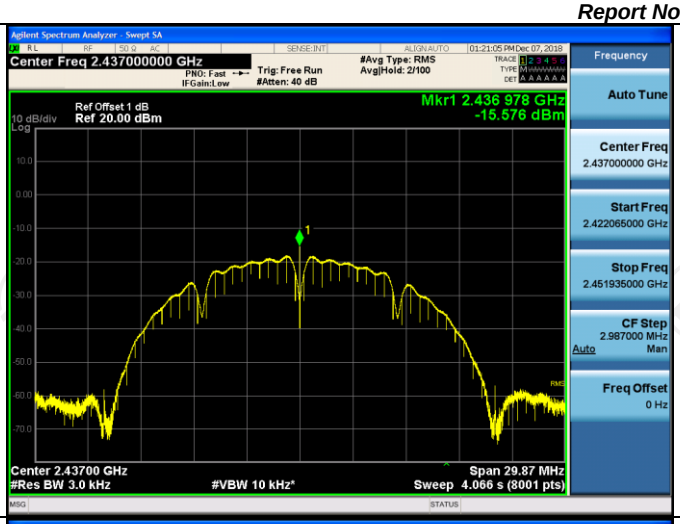
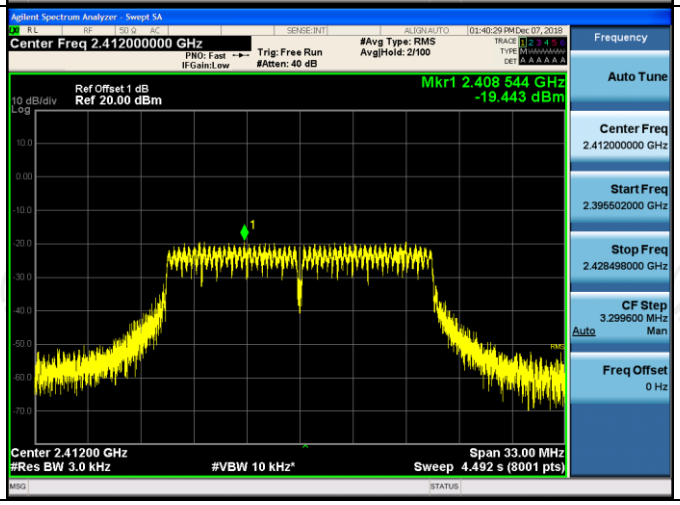
Power Spectral Density

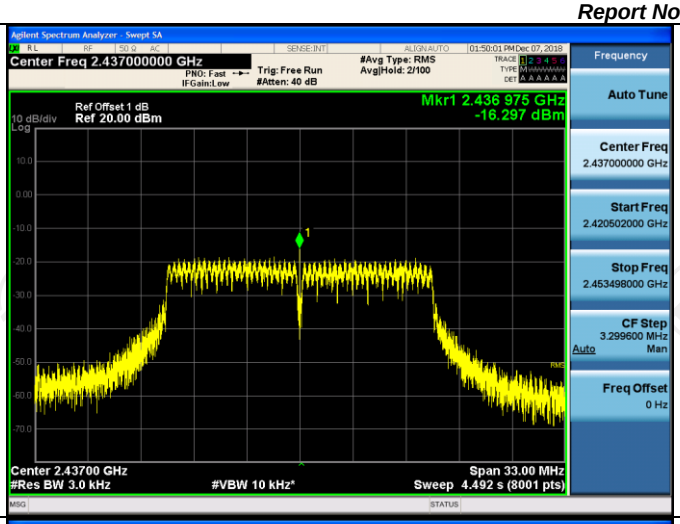
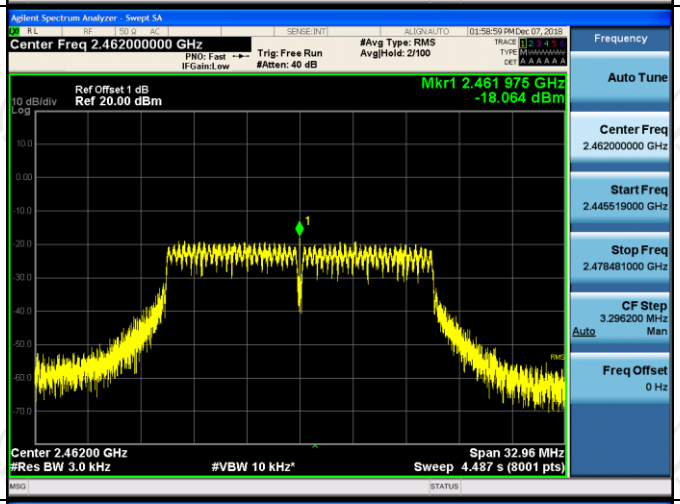
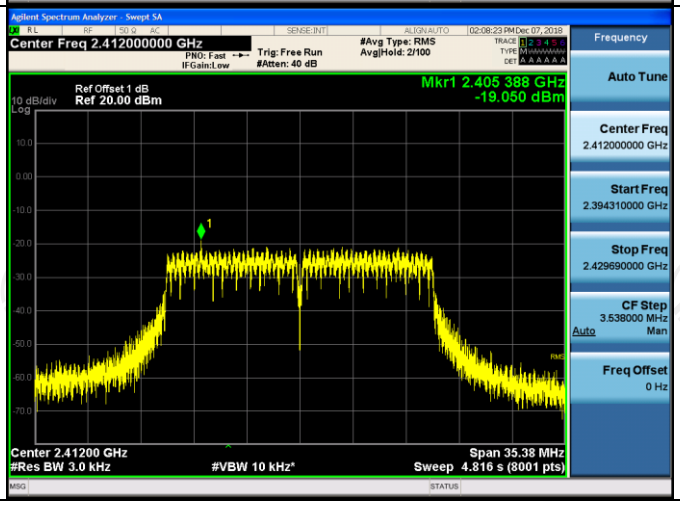
Result Table

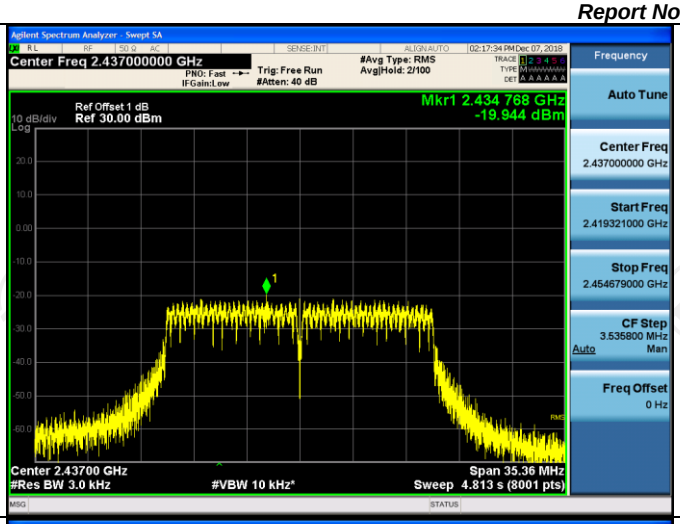
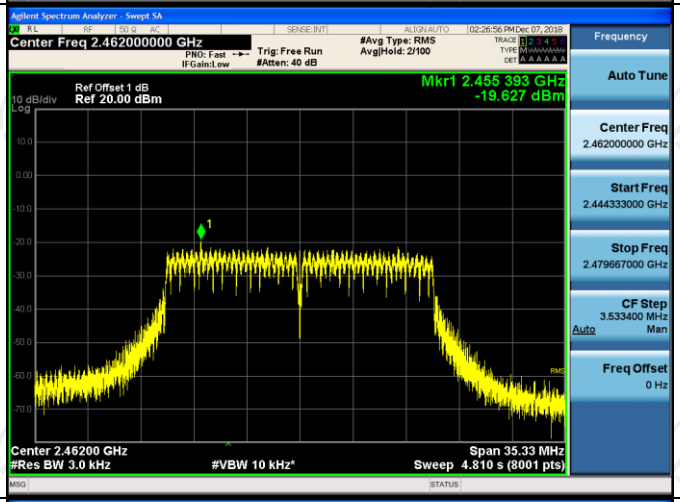
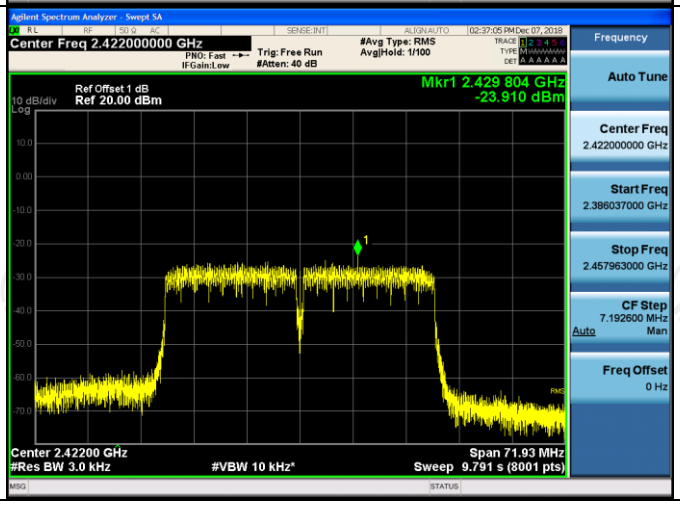
Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	-15.778	PASS
11B	MCH	-15.576	PASS
11B	HCH	-18.968	PASS
11G	LCH	-19.443	PASS
11G	MCH	-16.297	PASS
11G	HCH	-18.064	PASS
11N20SISO	LCH	-19.050	PASS
11N20SISO	MCH	-19.944	PASS
11N20SISO	HCH	-19.627	PASS
11N40SISO	LCH	-23.910	PASS
11N40SISO	MCH	-24.655	PASS
11N40SISO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

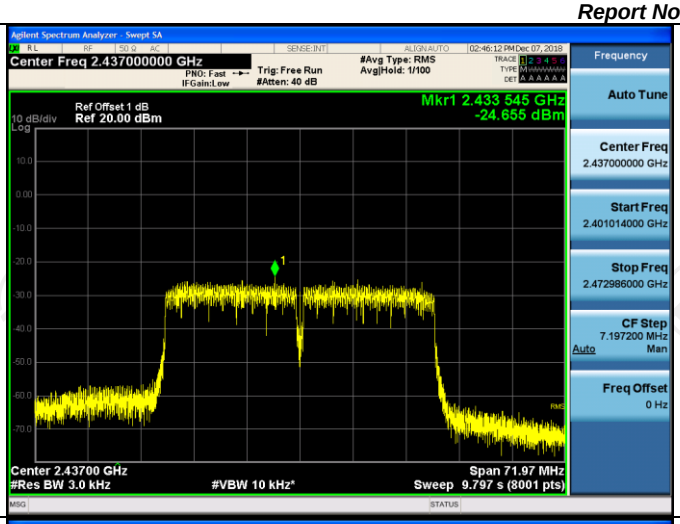
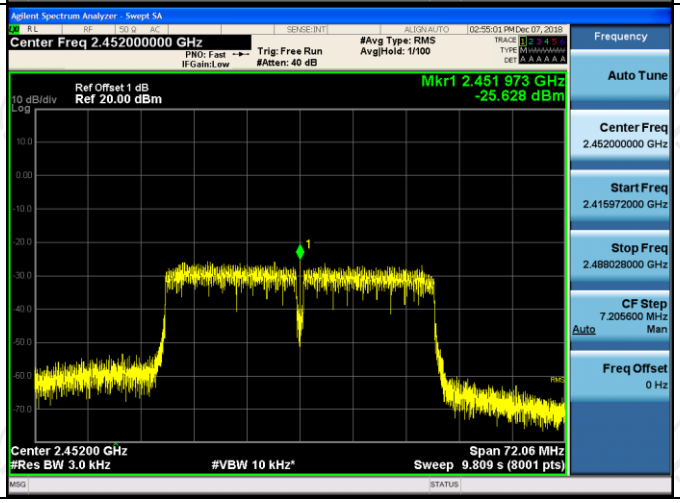
Test Graph

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			

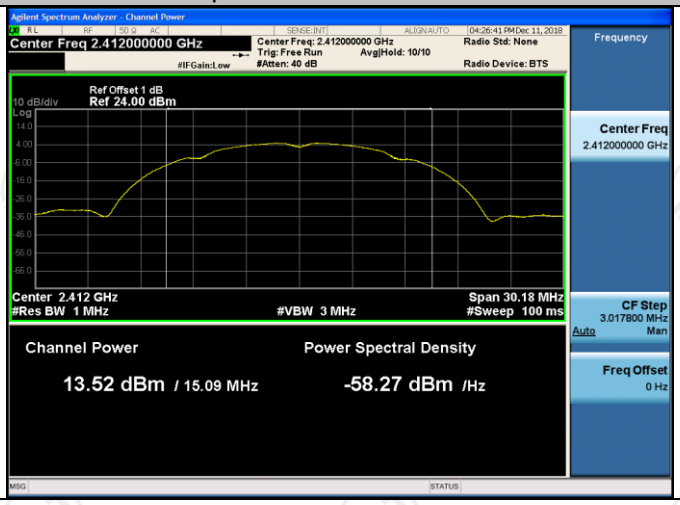
Antenna 1

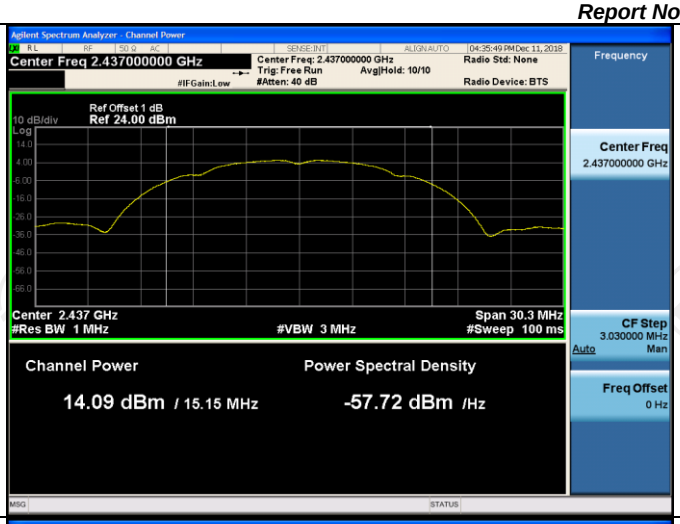
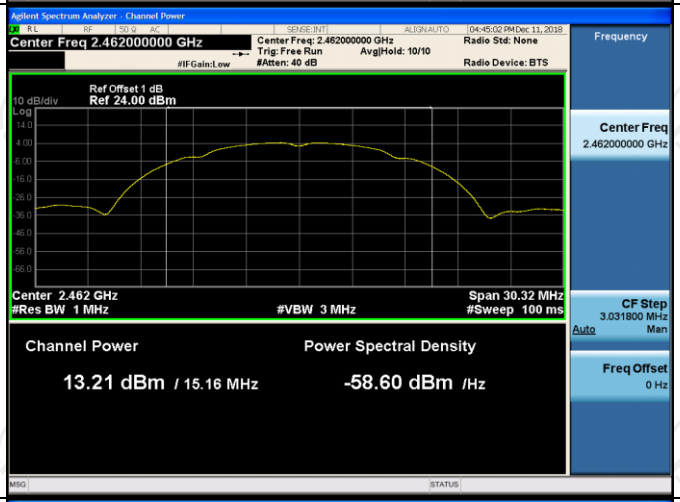
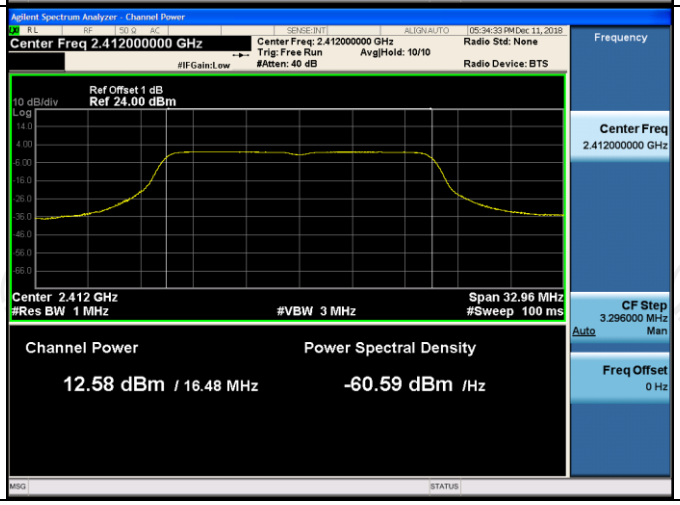
Conducted Average Output Power

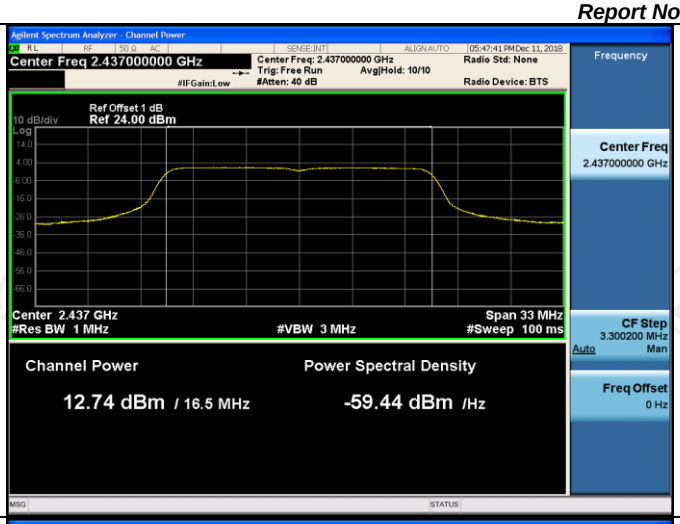
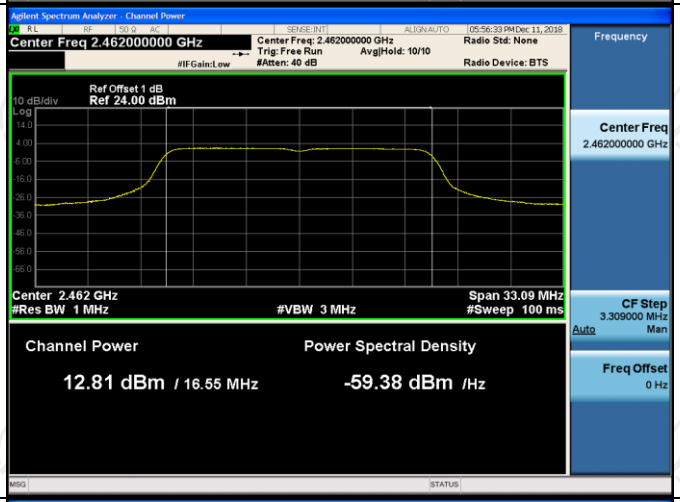
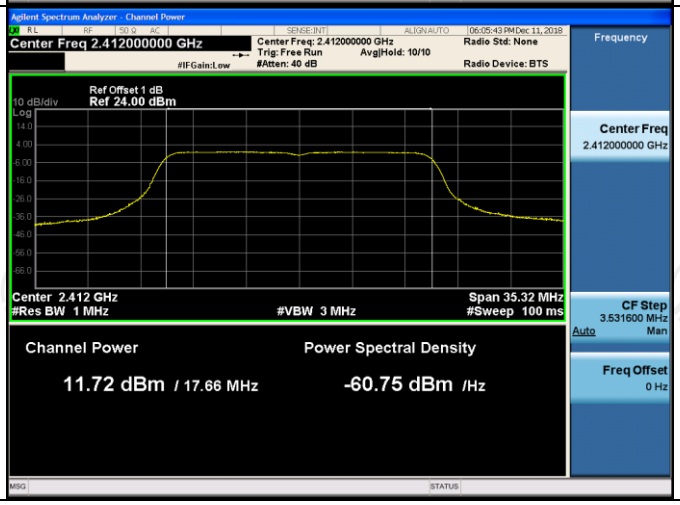
Result Table

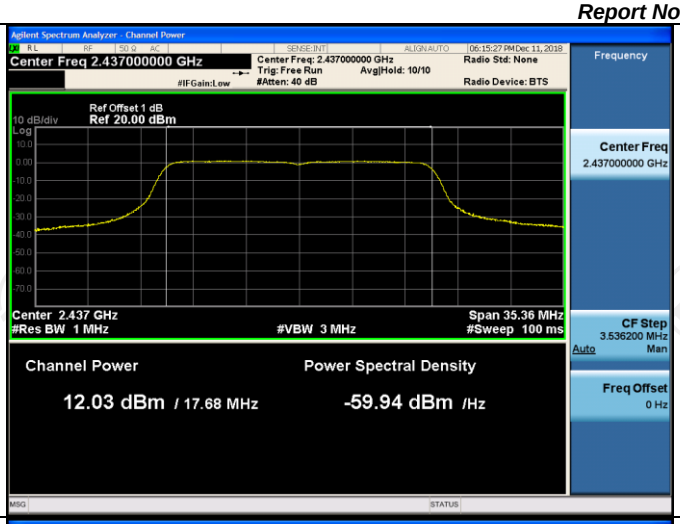
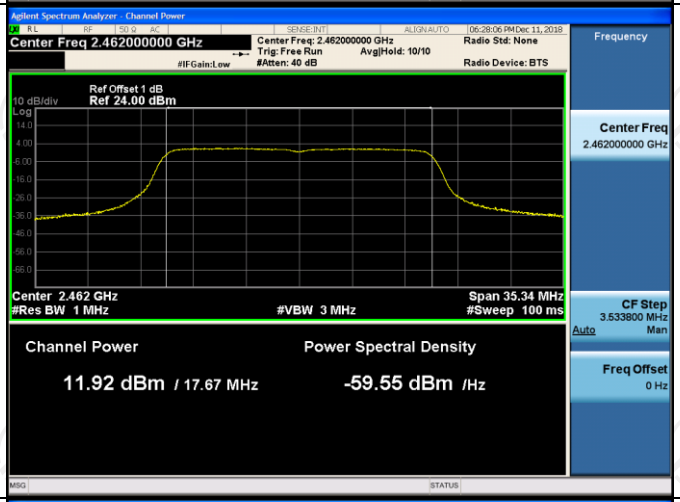
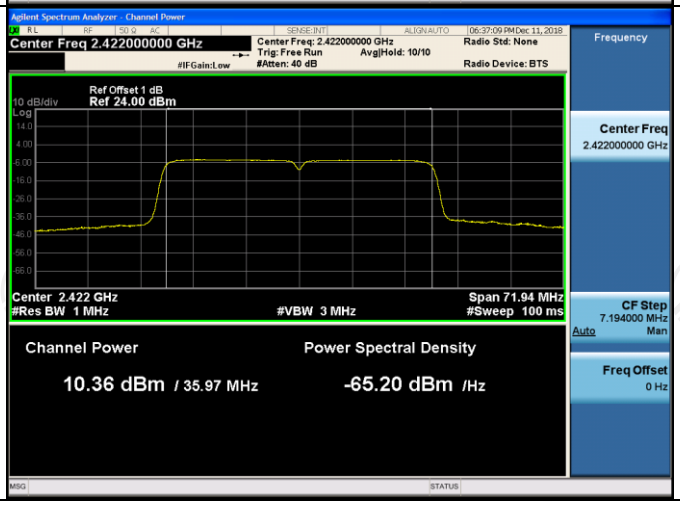
Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	13.52	PASS
11B	MCH	14.09	PASS
11B	HCH	13.21	PASS
11G	LCH	12.58	PASS
11G	MCH	12.74	PASS
11G	HCH	12.81	PASS
11N20SISO	LCH	11.72	PASS
11N20SISO	MCH	12.03	PASS
11N20SISO	HCH	11.92	PASS
11N40SISO	LCH	10.36	PASS
11N40SISO	MCH	10.97	PASS
11N40SISO	HCH	10.95	PASS

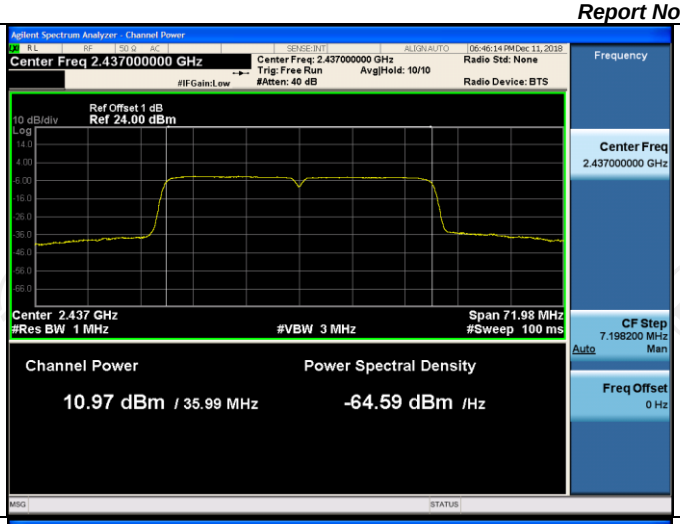
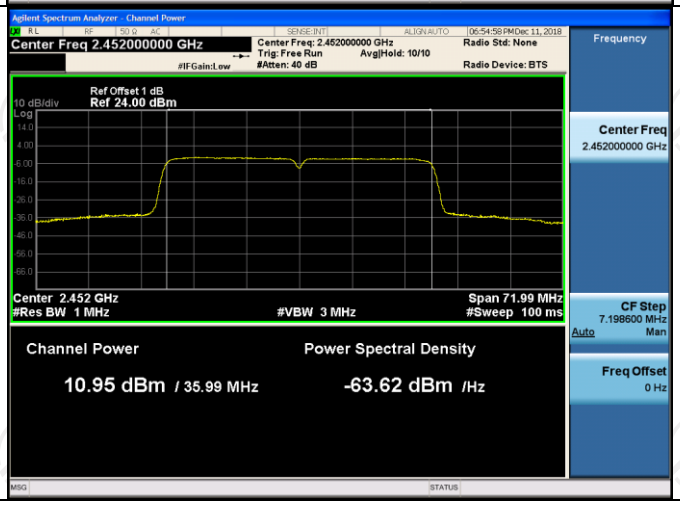
Test Graph

Graphs		
11B/LCH		

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

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

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

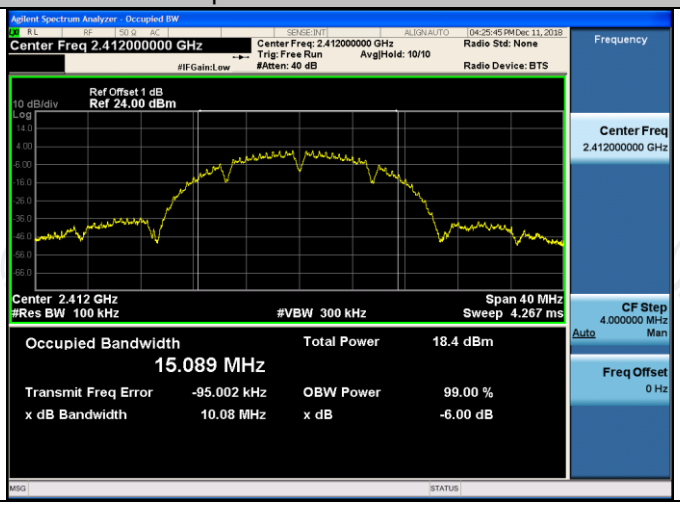
11N40SISO/MCH			
11N40SISO/HCH			

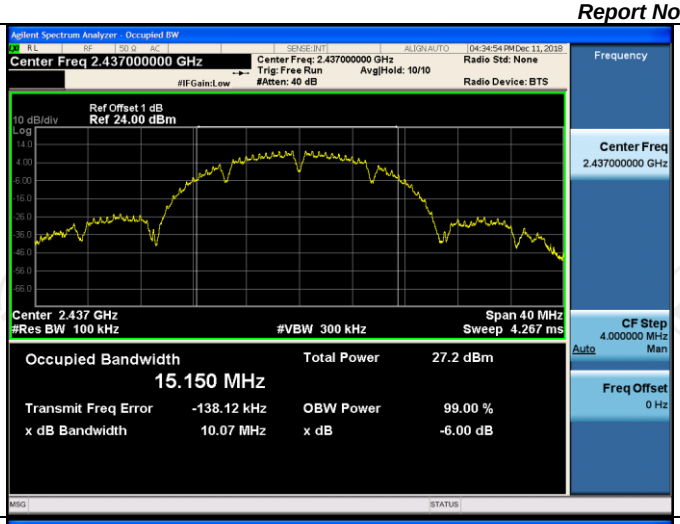
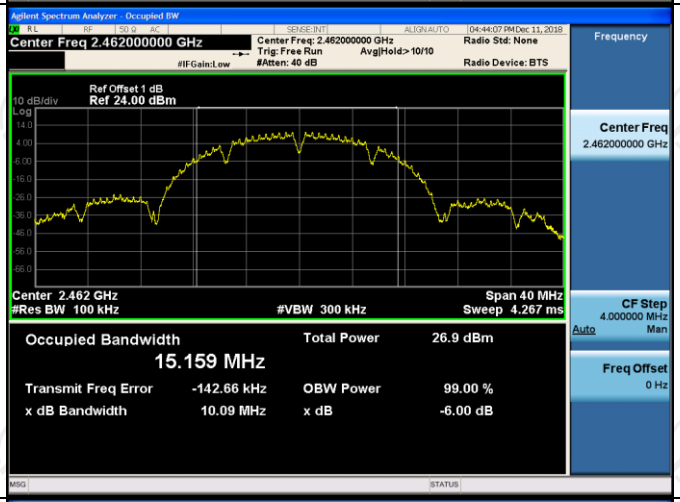
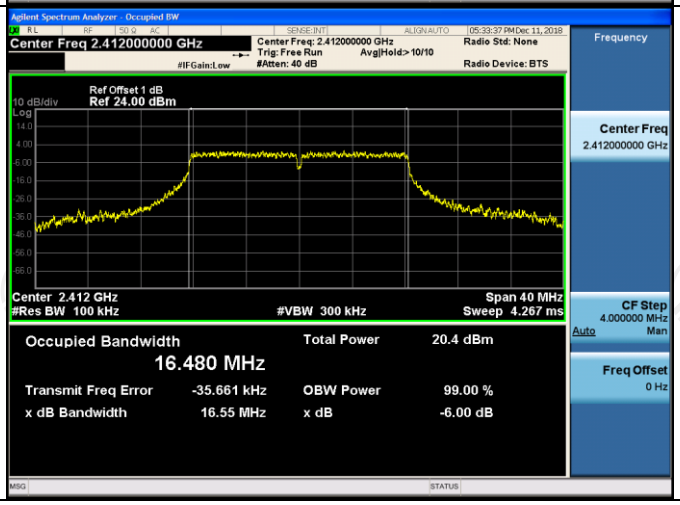
6dB Occupied Bandwidth

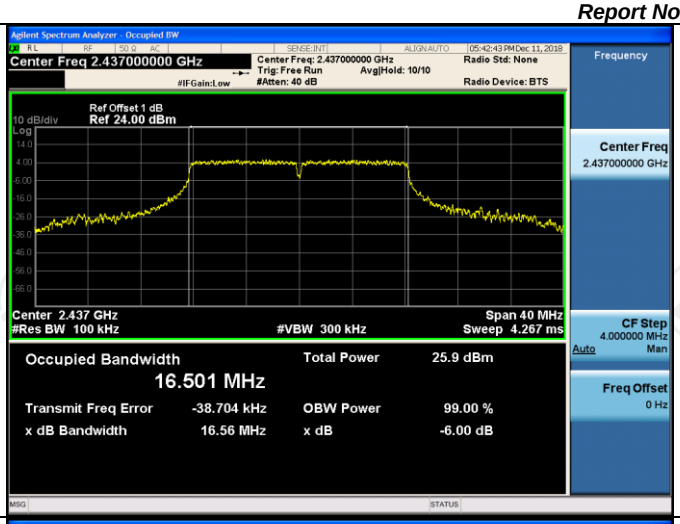
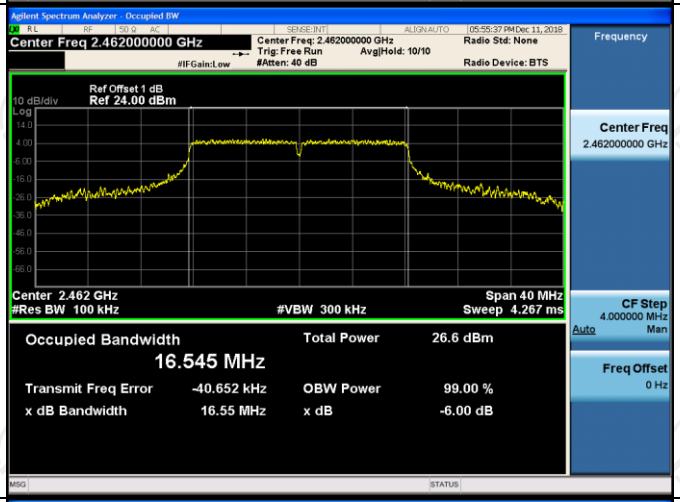
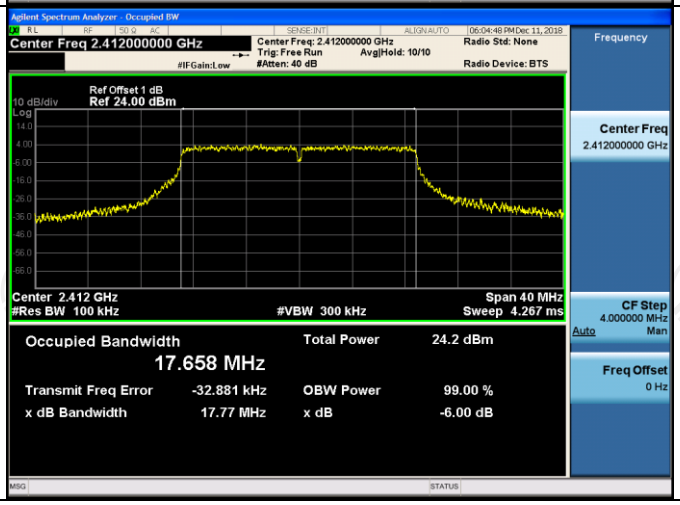
Result Table

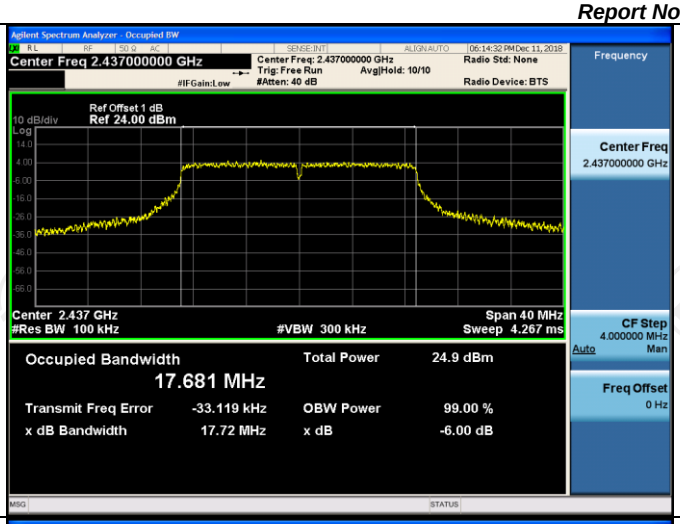
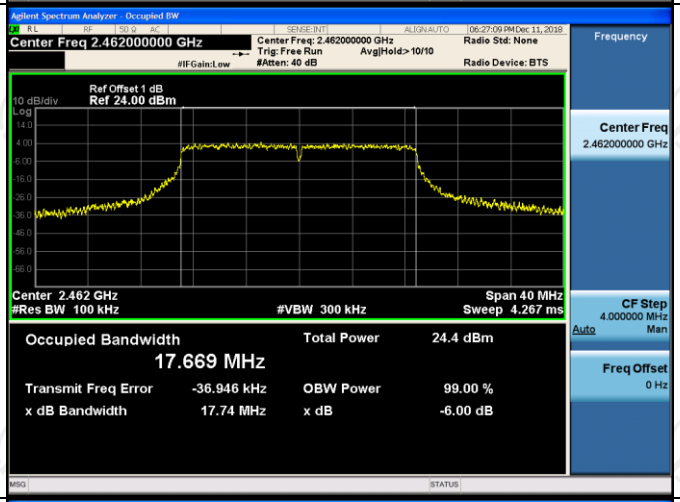
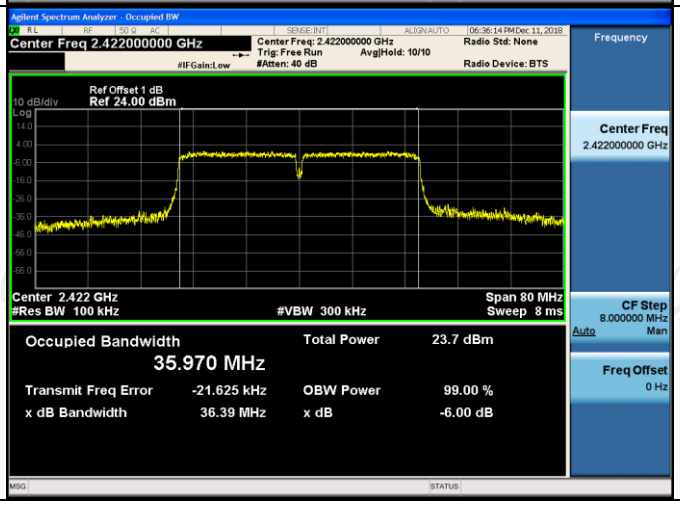
Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	10.08	15.089	PASS
11B	MCH	10.07	15.150	PASS
11B	HCH	10.09	15.159	PASS
11G	LCH	16.55	16.480	PASS
11G	MCH	16.56	16.501	PASS
11G	HCH	16.55	16.545	PASS
11N20SISO	LCH	17.77	17.658	PASS
11N20SISO	MCH	17.72	17.681	PASS
11N20SISO	HCH	17.74	17.669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

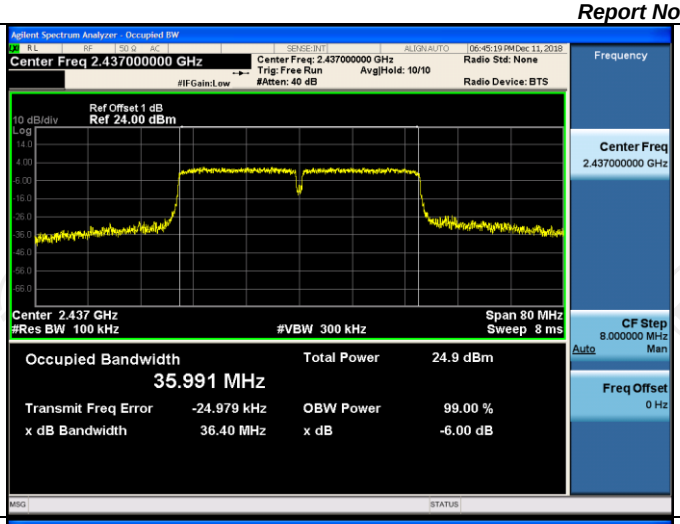
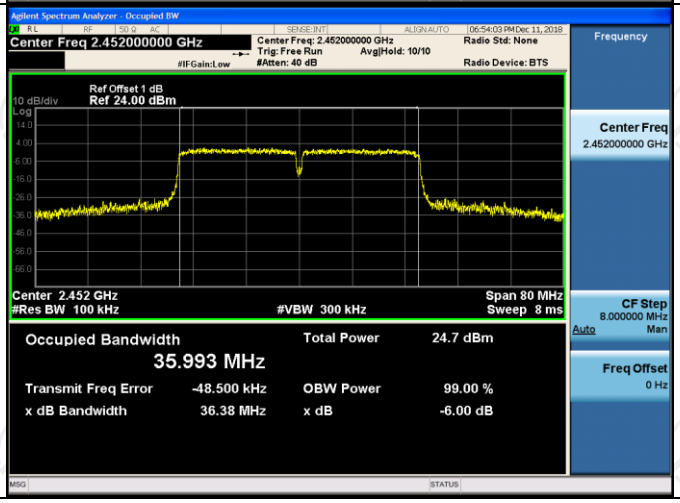
Test Graph

Graphs			
11B/LCH			

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

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

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

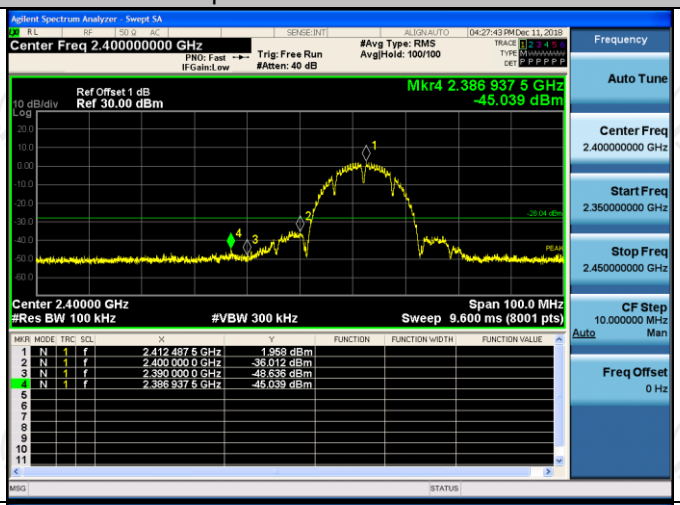
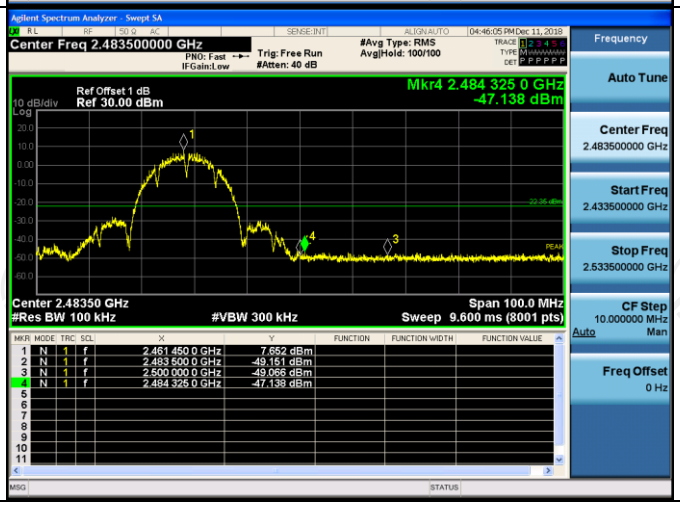
11N40SISO/MCH			
11N40SISO/HCH			

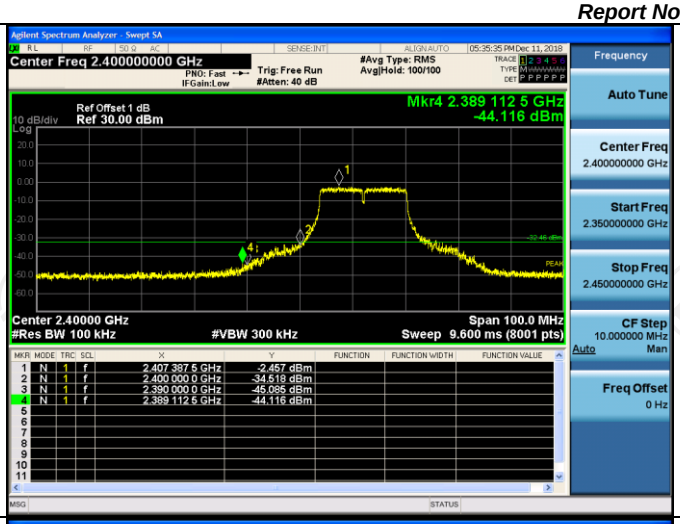
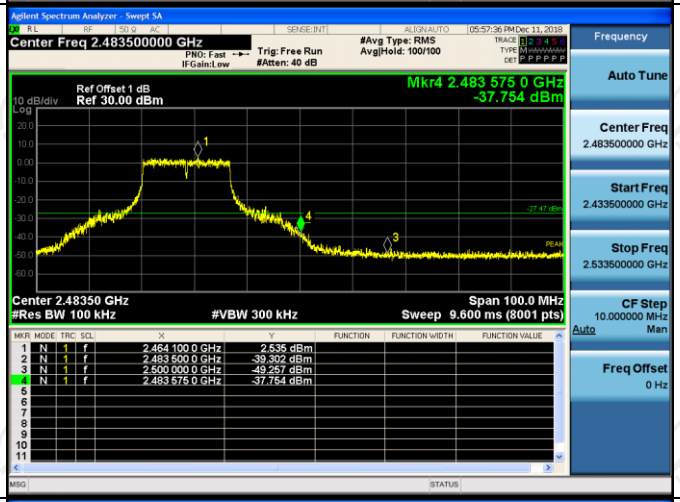
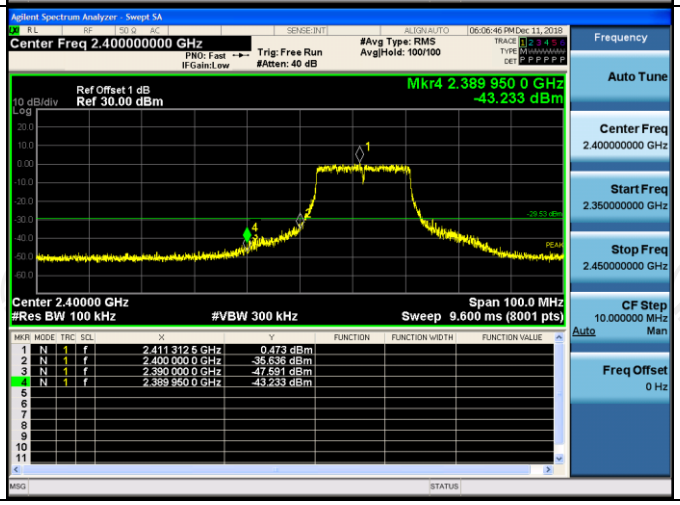
Band-edge for RF Conducted Emissions

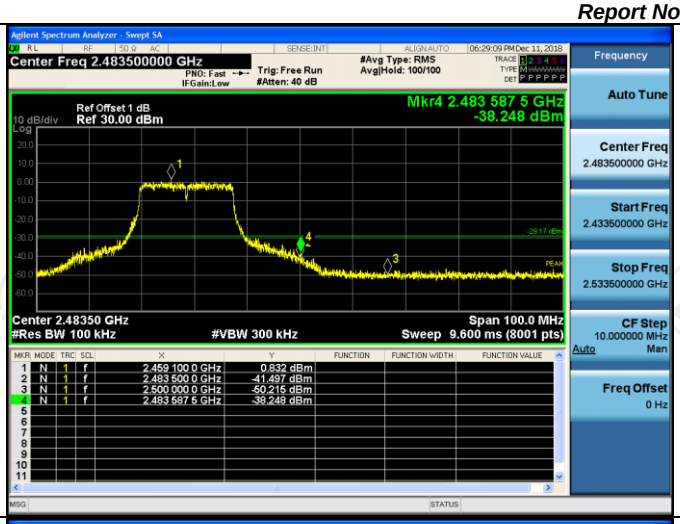
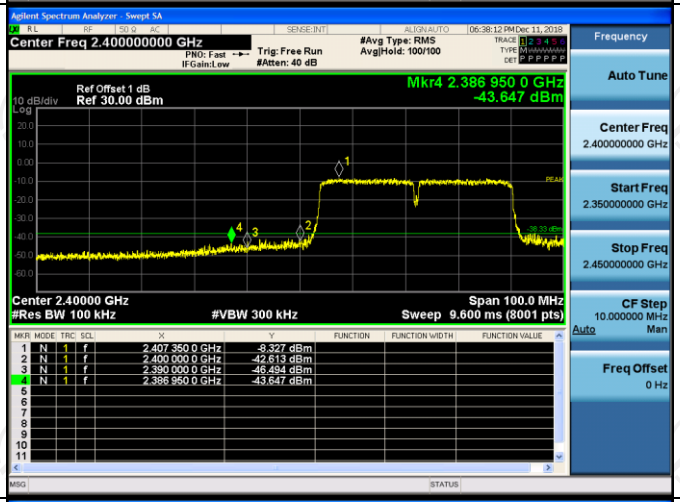
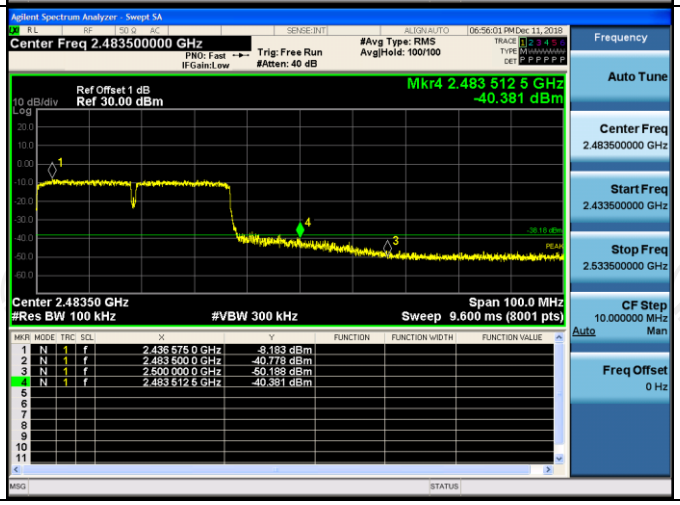
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	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

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	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

11B_LCH_Graphs		
Pref/11B/LCH