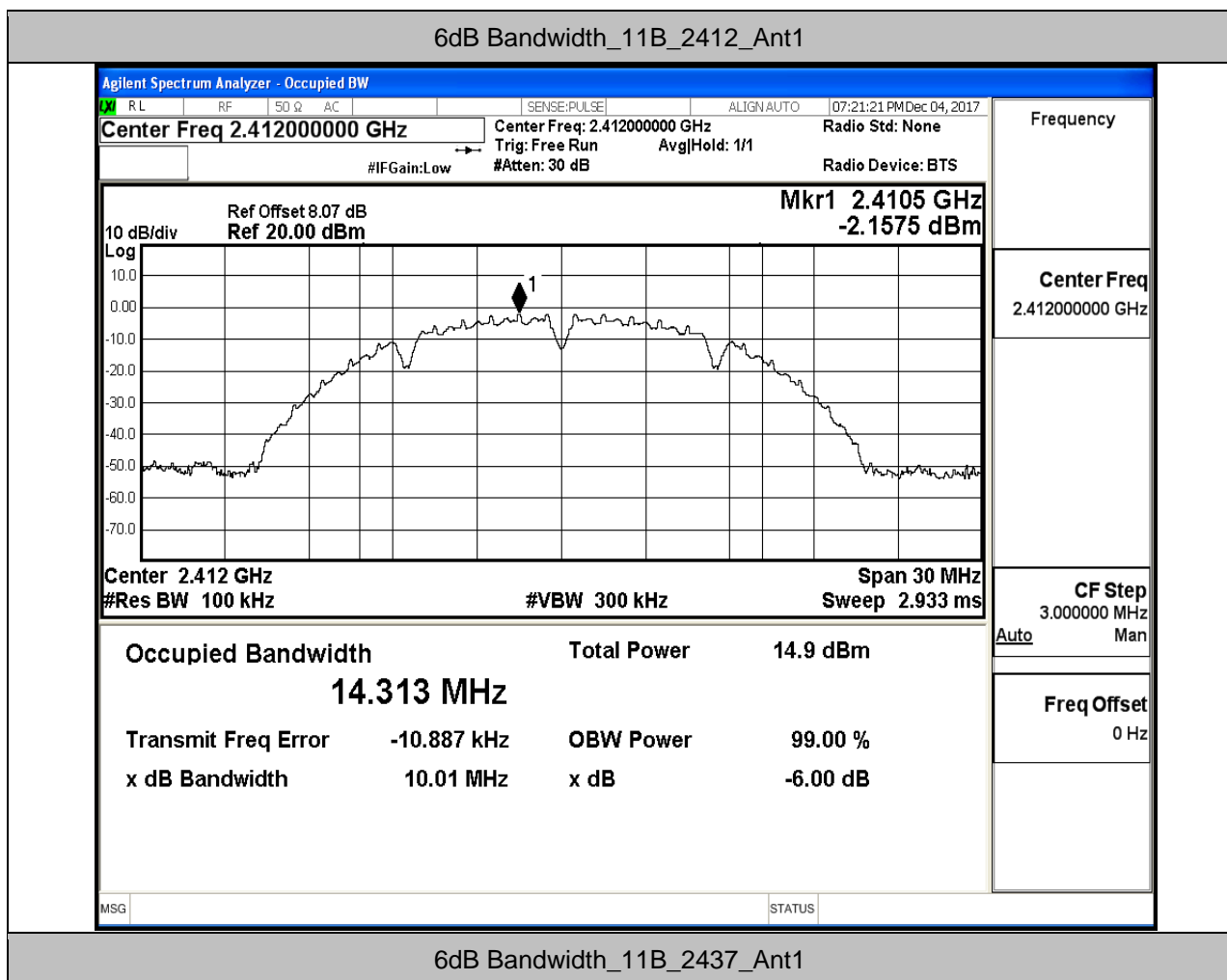
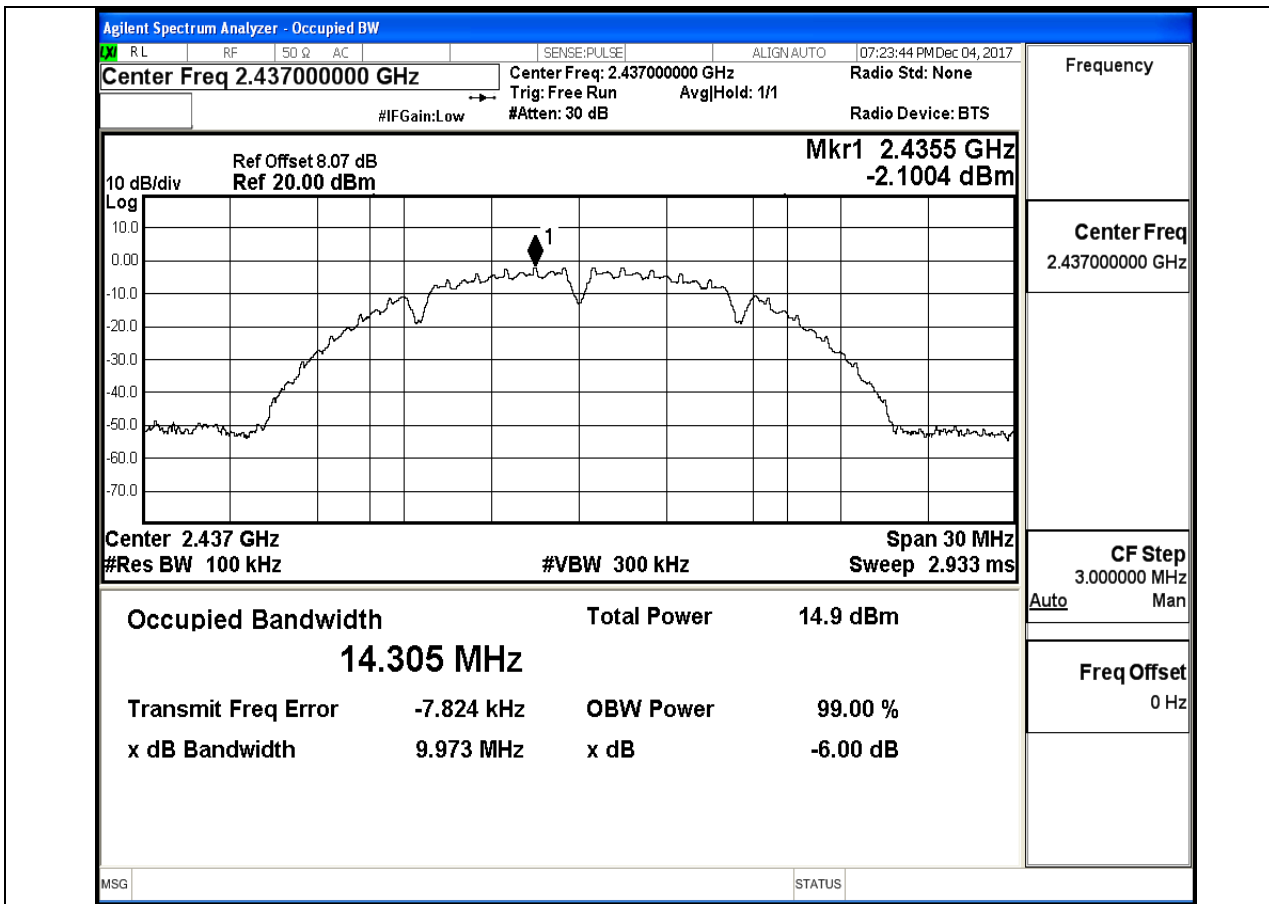


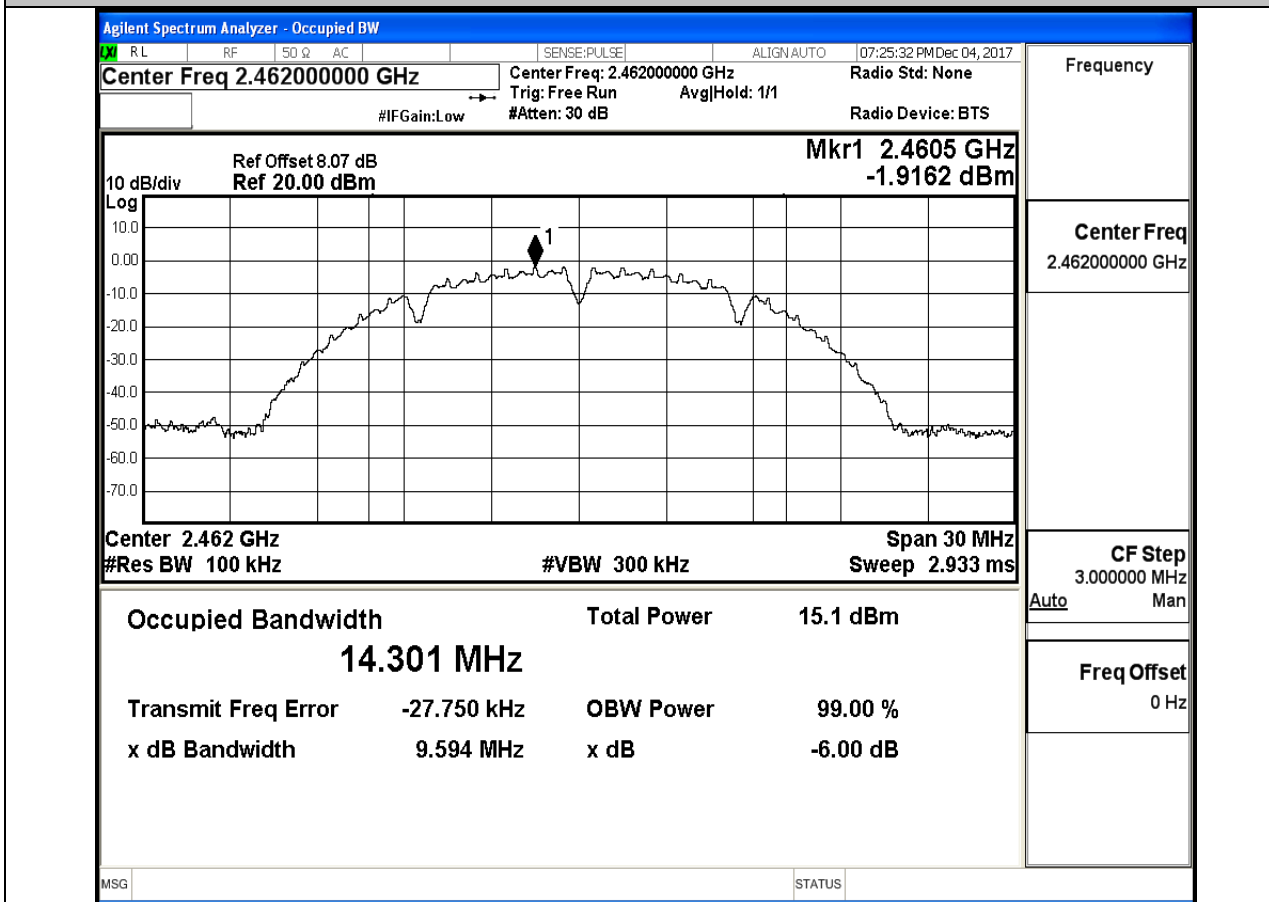
**1.6dB Bandwidth**

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	10.01	0.5	PASS
11B	2437	Ant1	9.973	0.5	PASS
11B	2462	Ant1	9.594	0.5	PASS
11G	2412	Ant1	16.62	0.5	PASS
11G	2437	Ant1	16.60	0.5	PASS
11G	2462	Ant1	16.61	0.5	PASS
11N20SISO	2412	Ant1	17.82	0.5	PASS
11N20SISO	2437	Ant1	17.84	0.5	PASS
11N20SISO	2462	Ant1	17.83	0.5	PASS

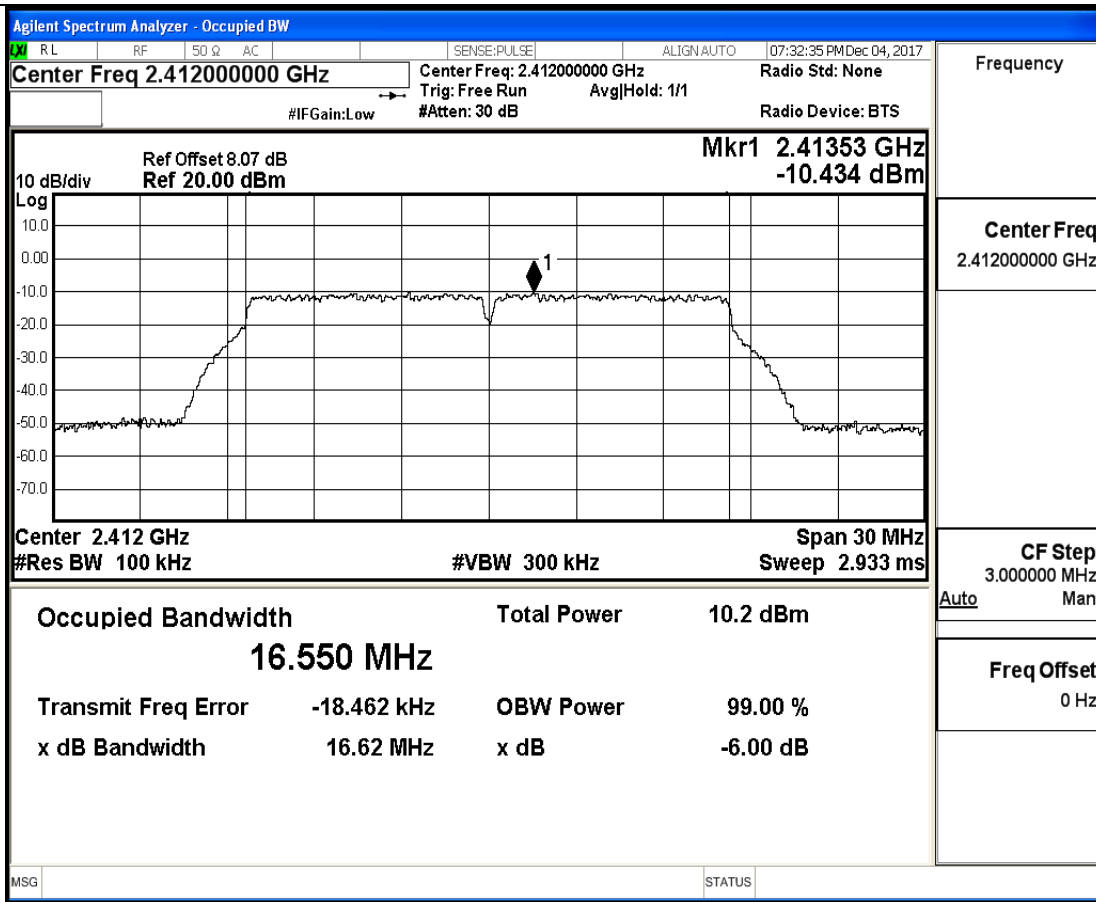




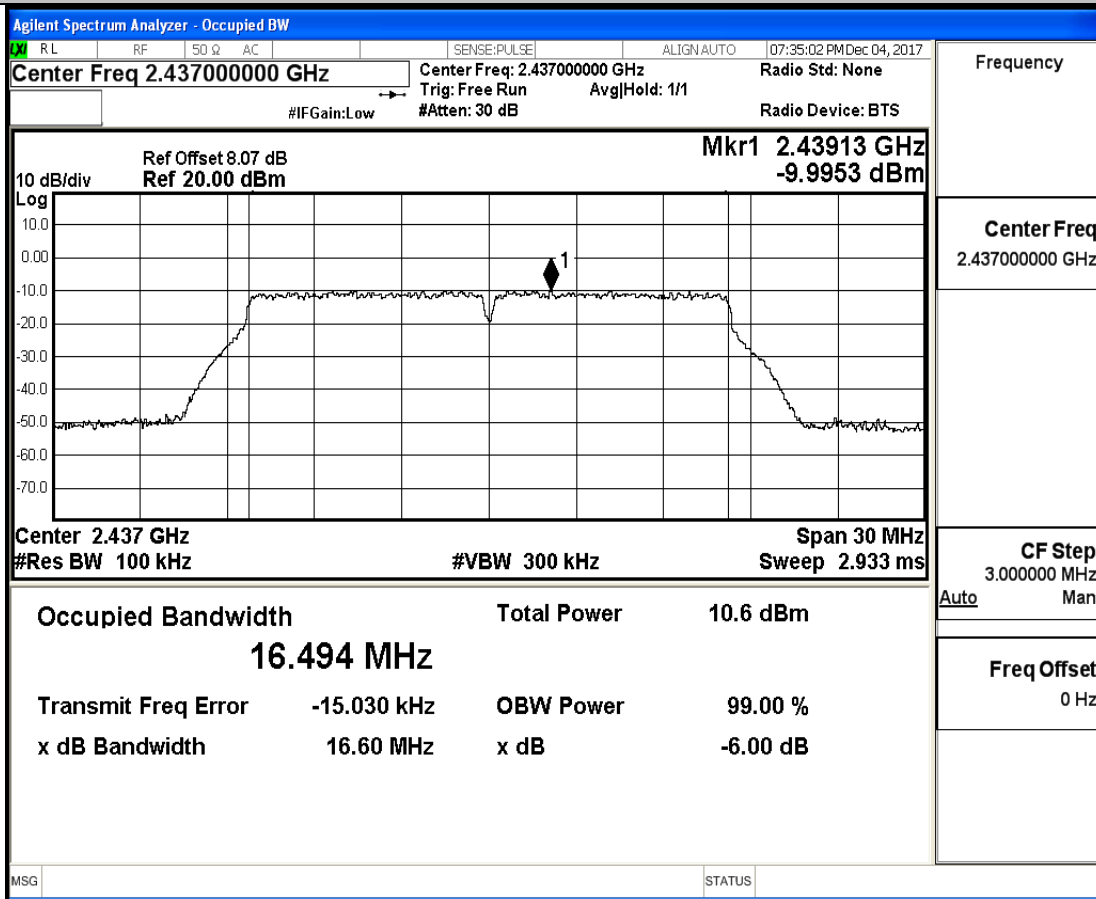
6dB Bandwidth\_11B\_2462\_Ant1



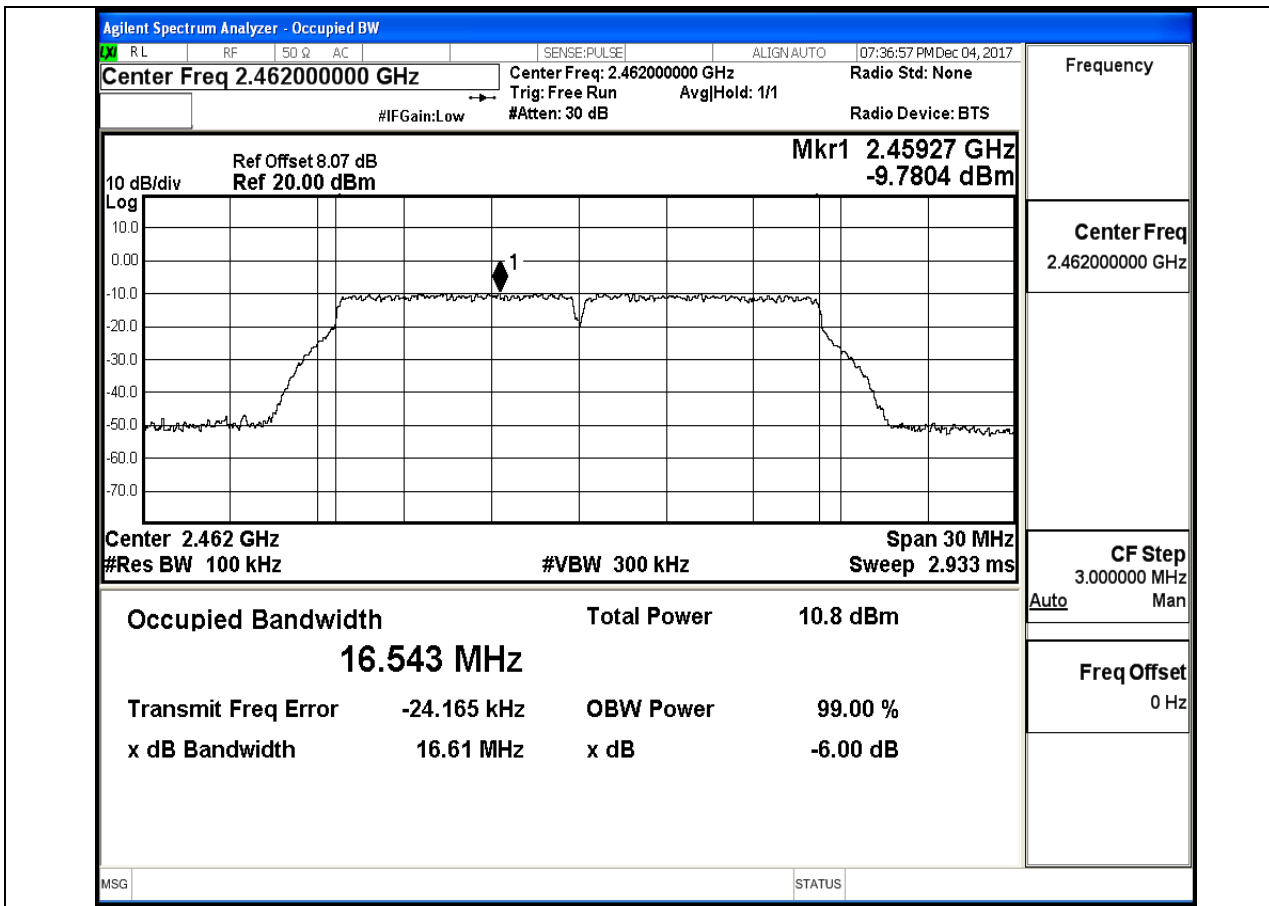
6dB Bandwidth\_11G\_2412\_Ant1



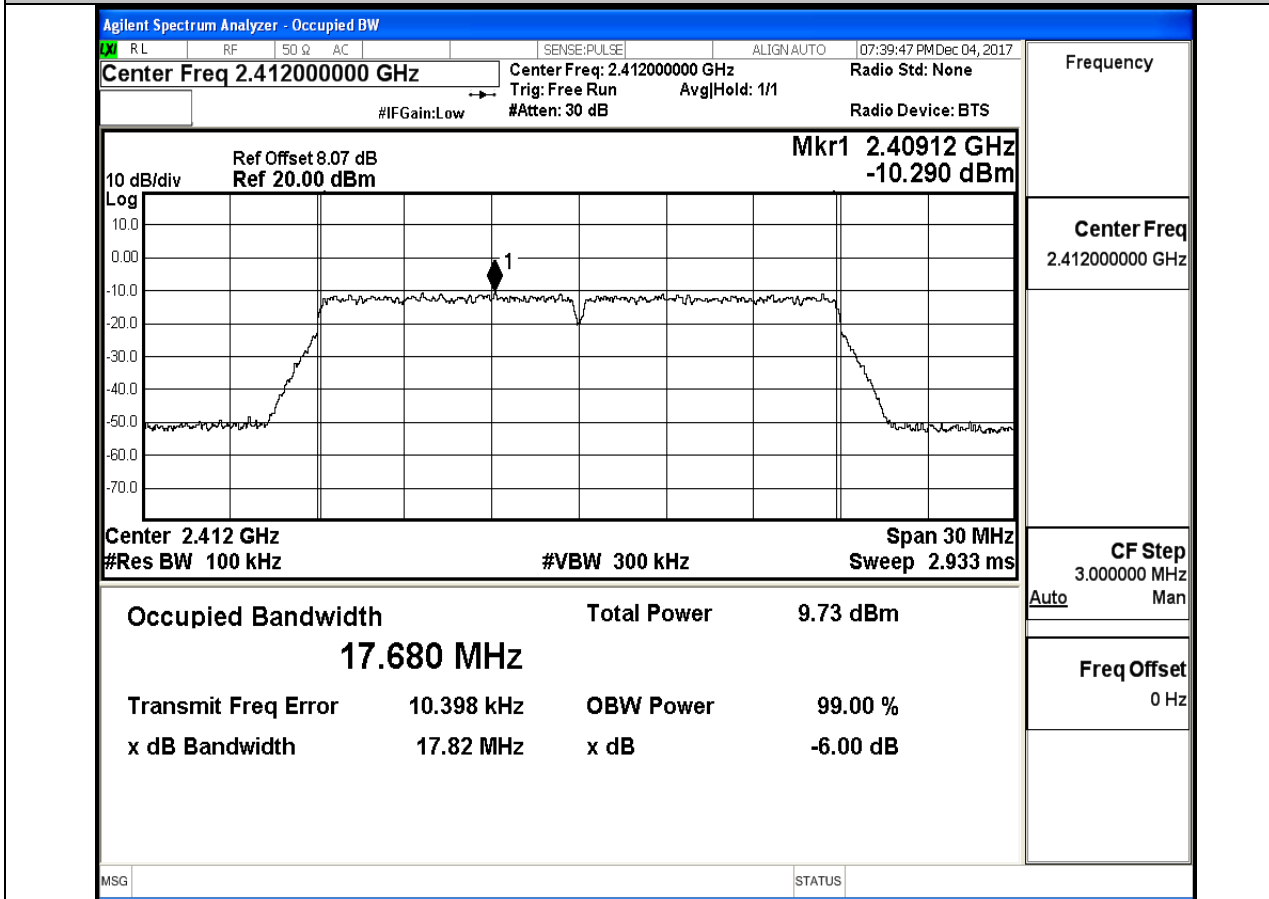
6dB Bandwidth\_11G\_2437\_Ant1



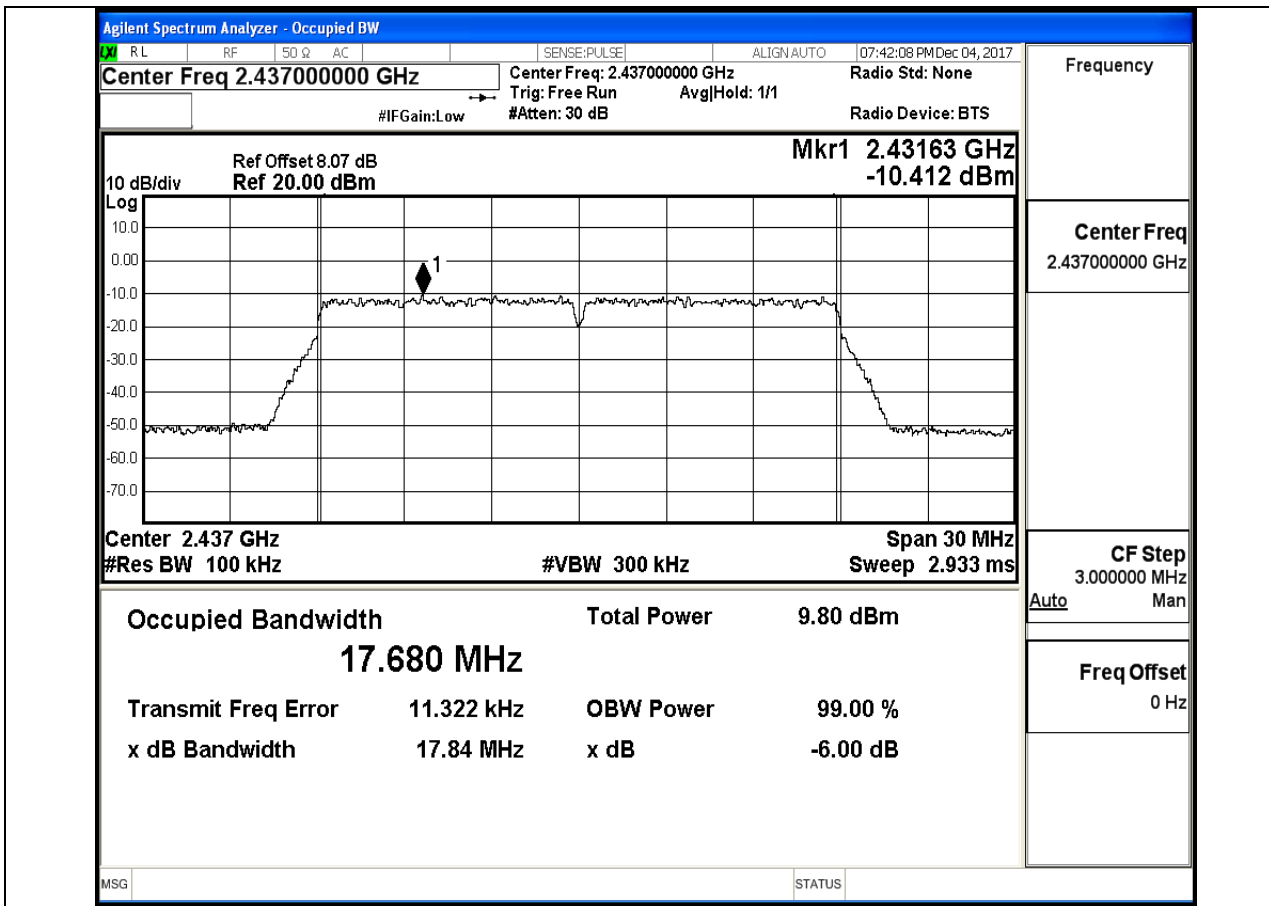
6dB Bandwidth\_11G\_2462\_Ant1



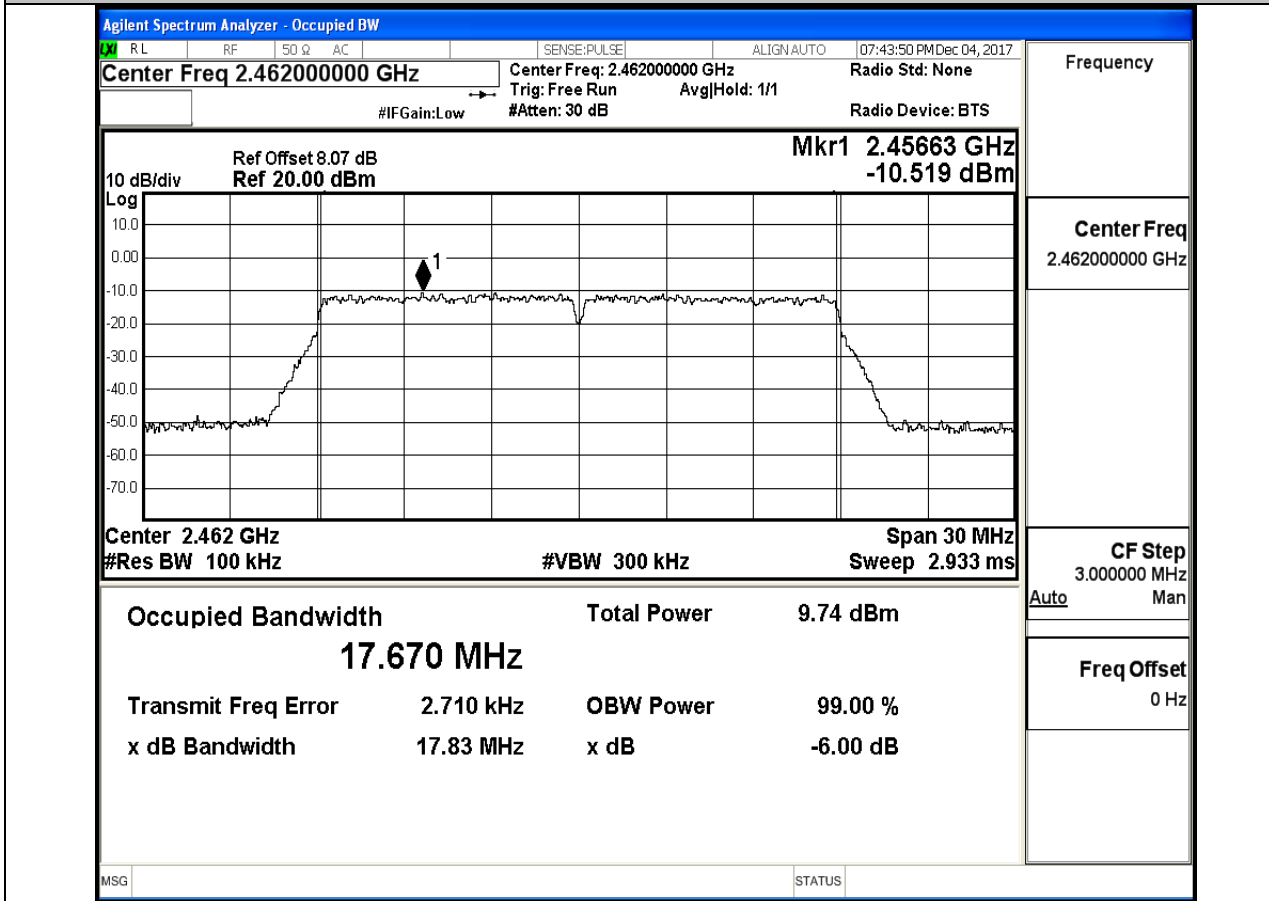
6dB Bandwidth\_11N20SISO\_2412\_Ant1



6dB Bandwidth\_11N20SISO\_2437\_Ant1



6dB Bandwidth\_11N20SISO\_2462\_Ant1



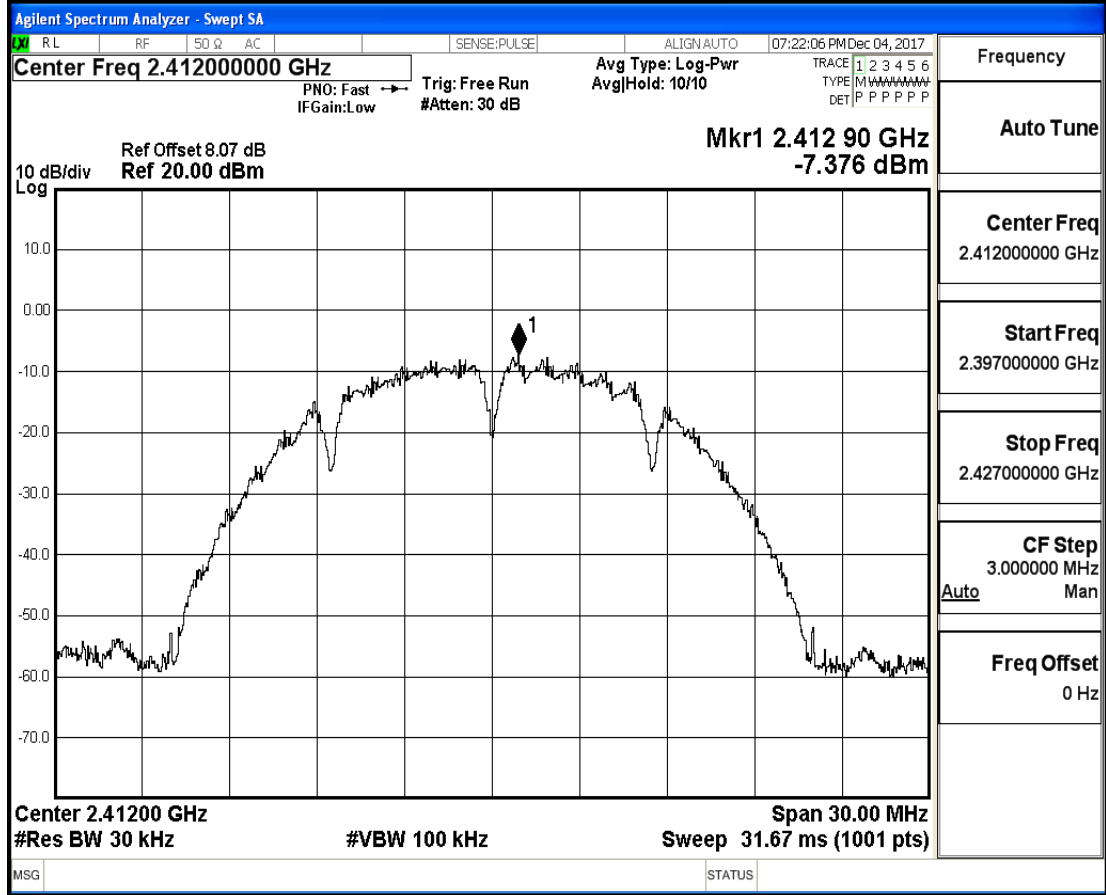
**2.Maximum peak conducted output power**

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	10.85	30	PASS
11B	2437	Ant1	10.87	30	PASS
11B	2462	Ant1	10.96	30	PASS
11G	2412	Ant1	11.48	30	PASS
11G	2437	Ant1	11.85	30	PASS
11G	2462	Ant1	11.96	30	PASS
11N20SISO	2412	Ant1	11.25	30	PASS
11N20SISO	2437	Ant1	11.32	30	PASS
11N20SISO	2462	Ant1	11.23	30	PASS

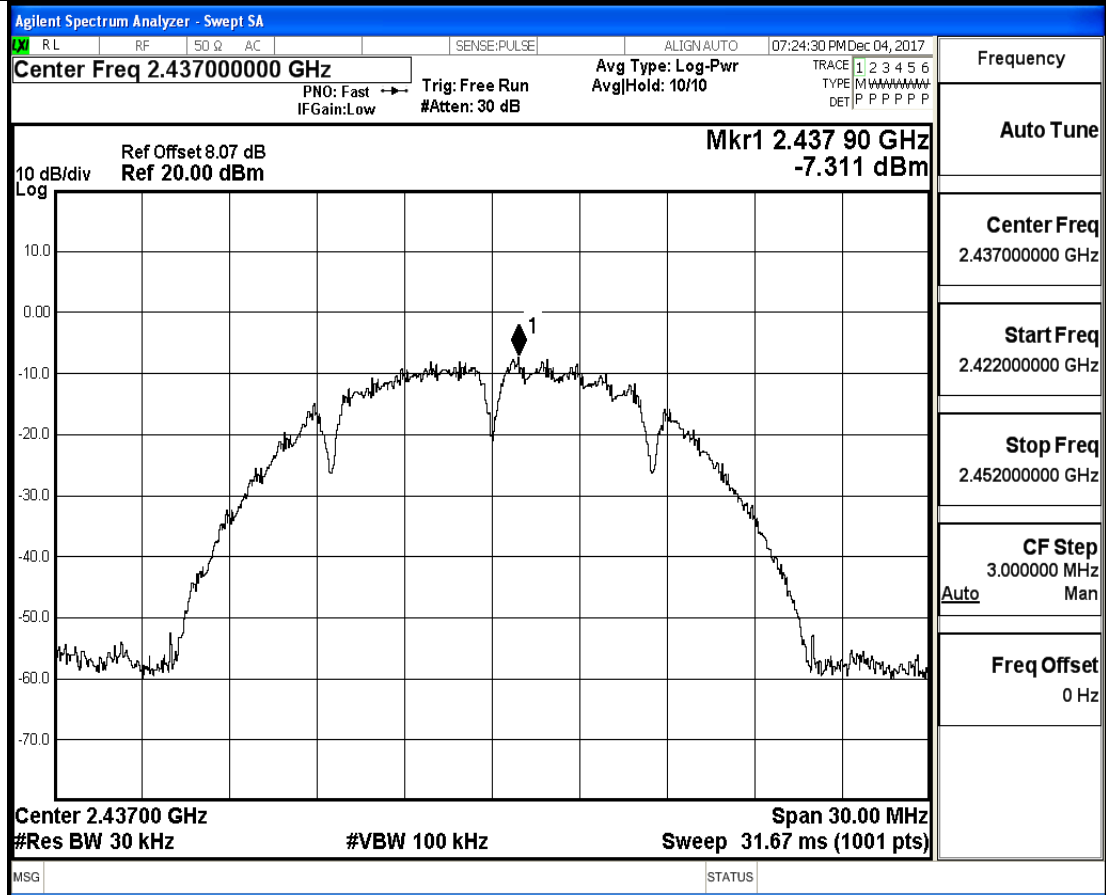
**3.Maximum Peak power spectral density**

Test Mode	Test Channel	Ant	PSD[dBm/30KHz]	Limit[dBm/3KHz]	Verdict
11B	2412	Ant1	-7.376	8.00	PASS
11B	2437	Ant1	-7.311	8.00	PASS
11B	2462	Ant1	-7.135	8.00	PASS
11G	2412	Ant1	-13.461	8.00	PASS
11G	2437	Ant1	-13.151	8.00	PASS
11G	2462	Ant1	-12.937	8.00	PASS
11N20SISO	2412	Ant1	-13.198	8.00	PASS
11N20SISO	2437	Ant1	-13.112	8.00	PASS
11N20SISO	2462	Ant1	-13.250	8.00	PASS

Maximum Peak power spectral density\_11B\_2412\_Ant1

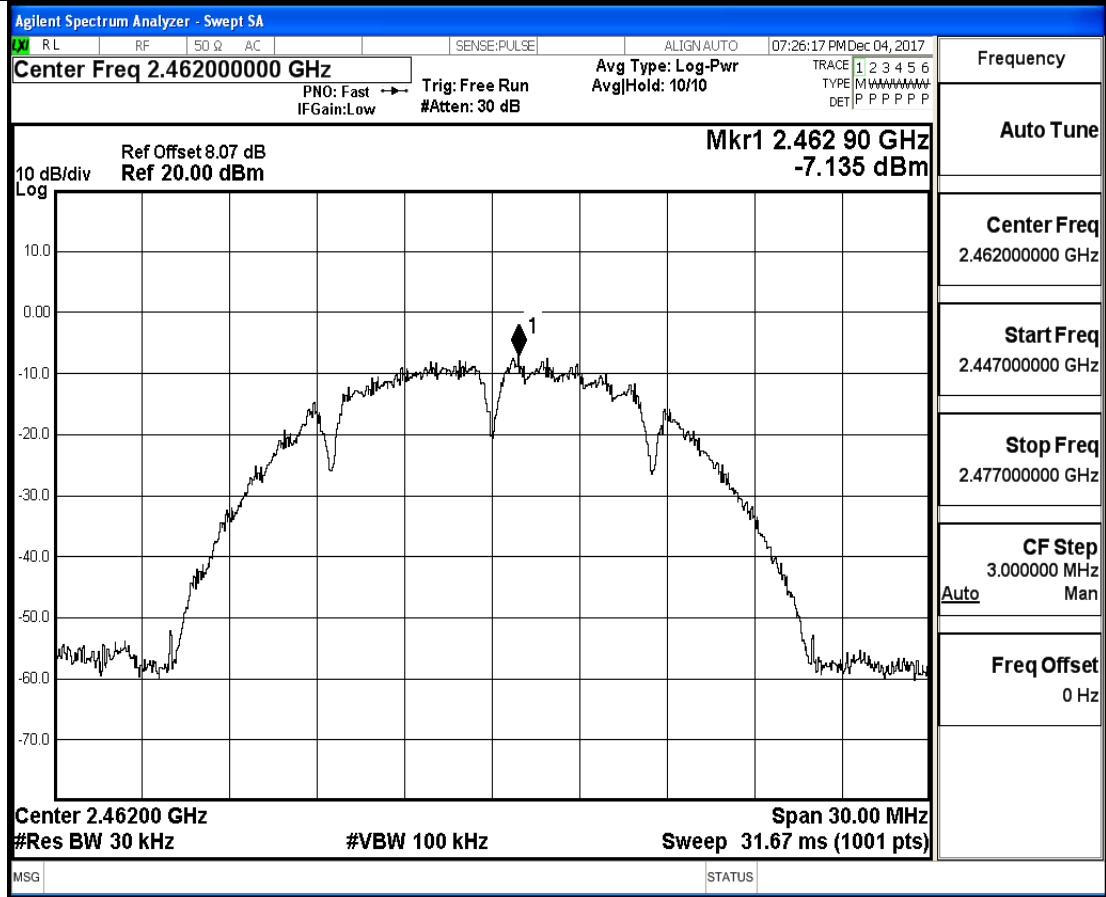


Maximum Peak power spectral density\_11B\_2437\_Ant1

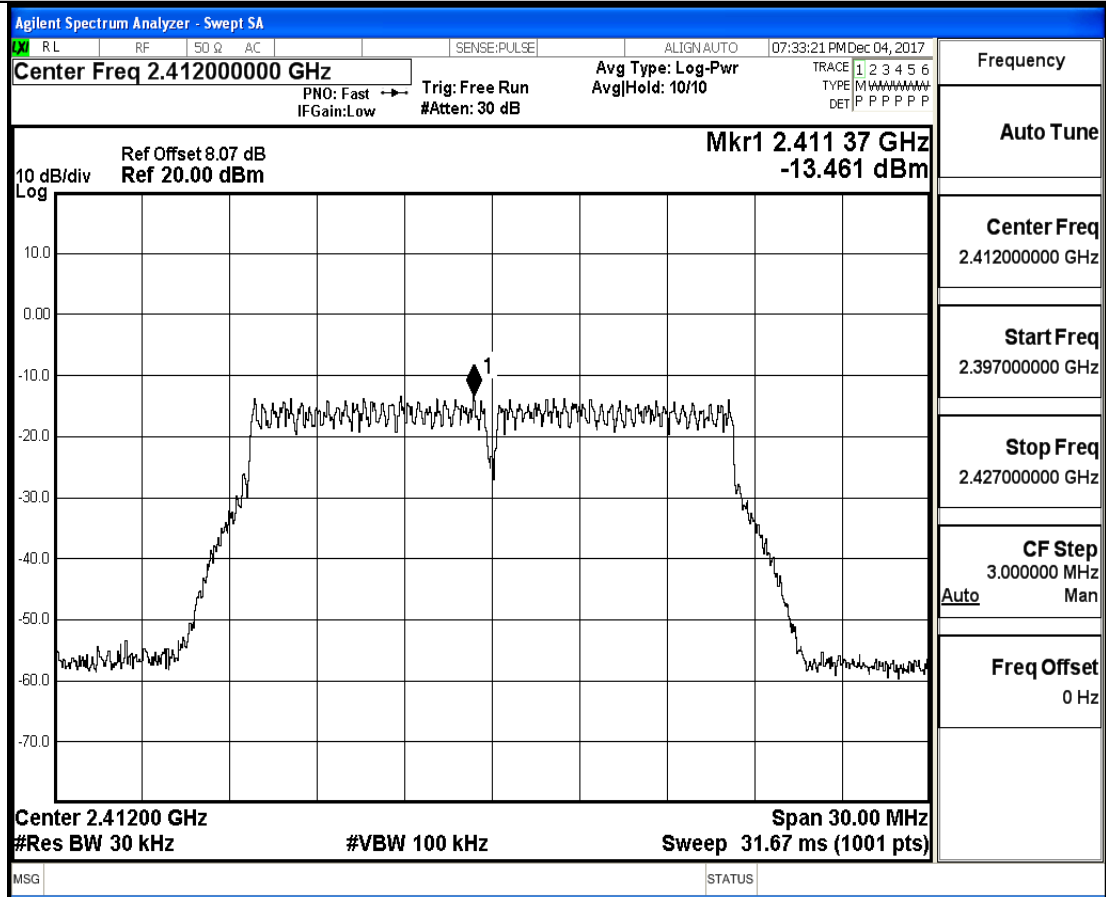




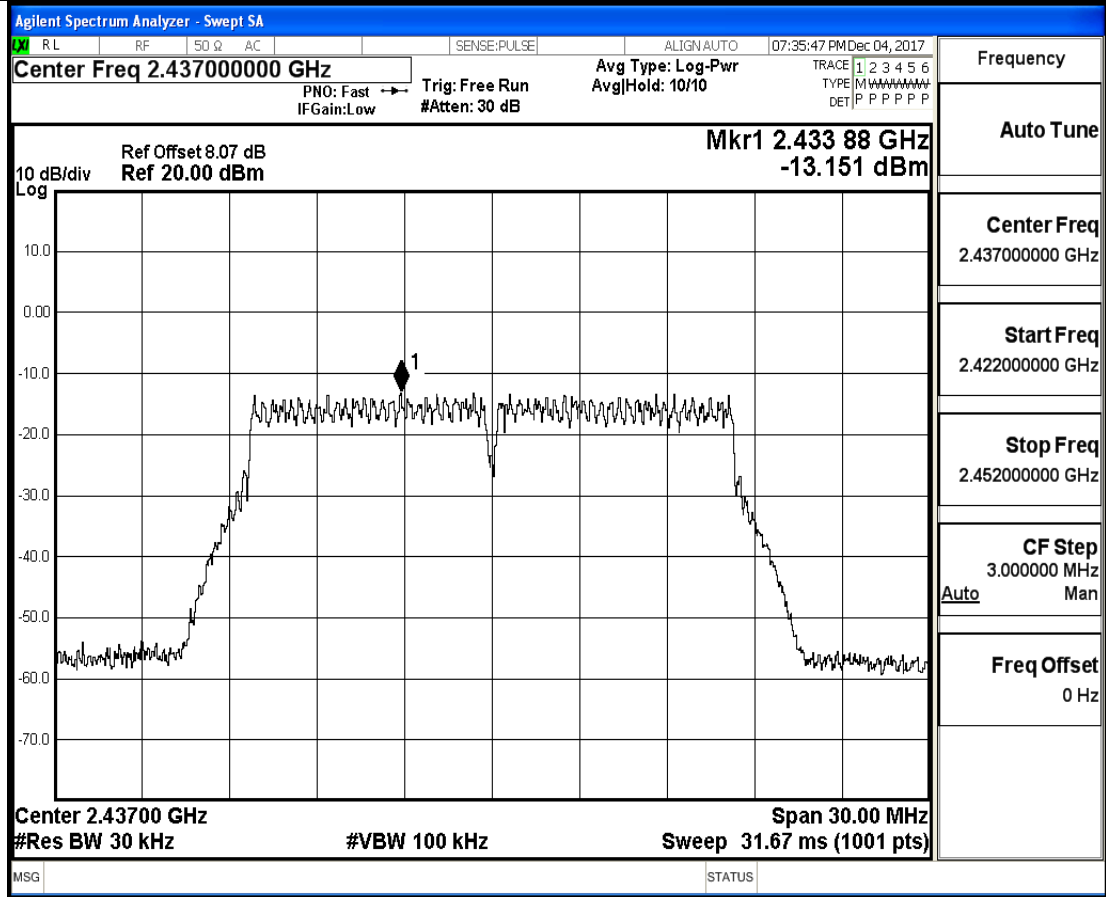
Maximum Peak power spectral density\_11B\_2462\_Ant1



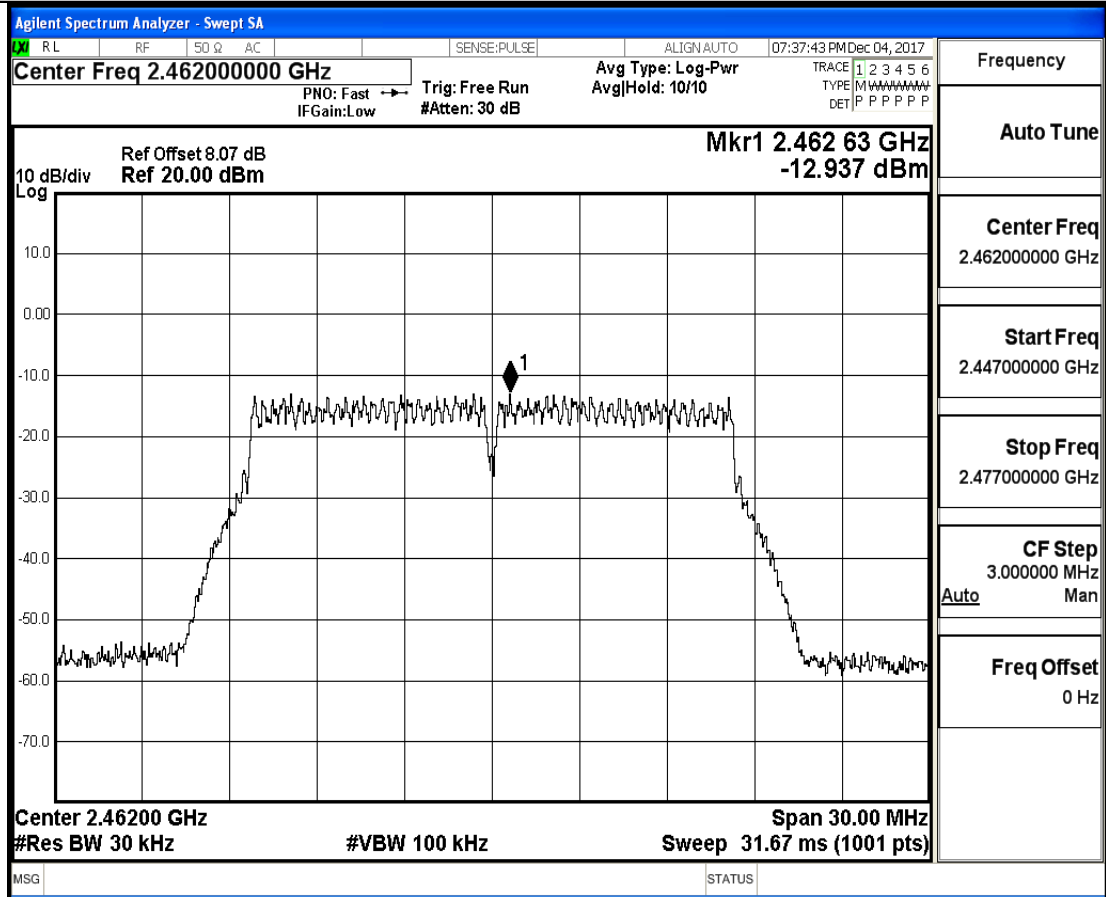
Maximum Peak power spectral density\_11G\_2412\_Ant1



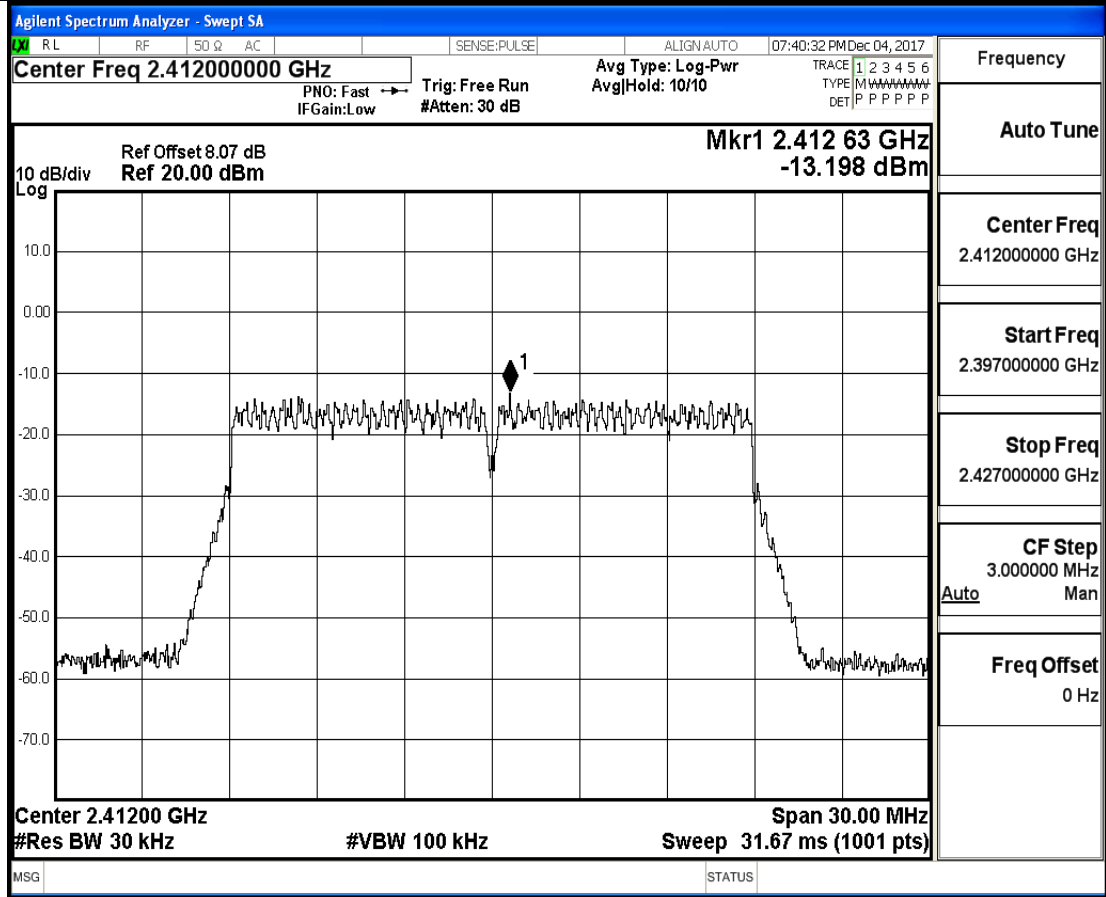
Maximum Peak power spectral density\_11G\_2437\_Ant1



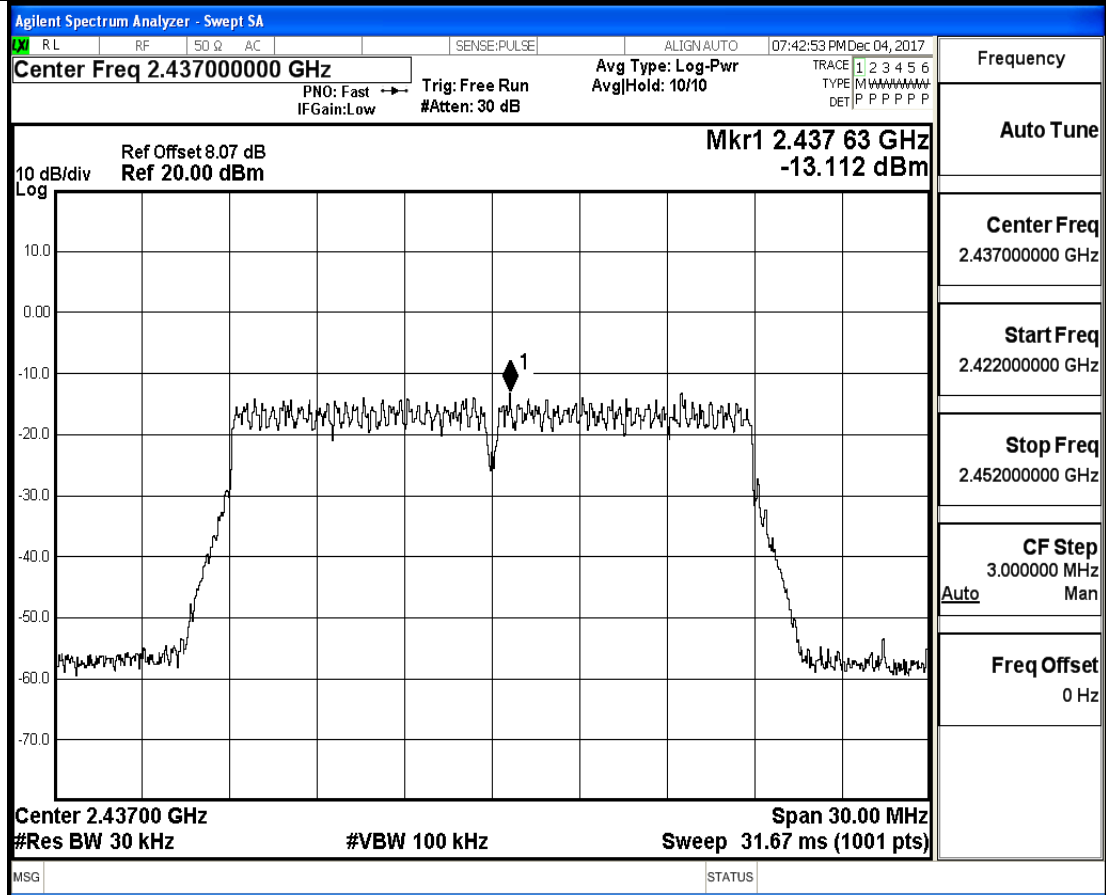
Maximum Peak power spectral density\_11G\_2462\_Ant1



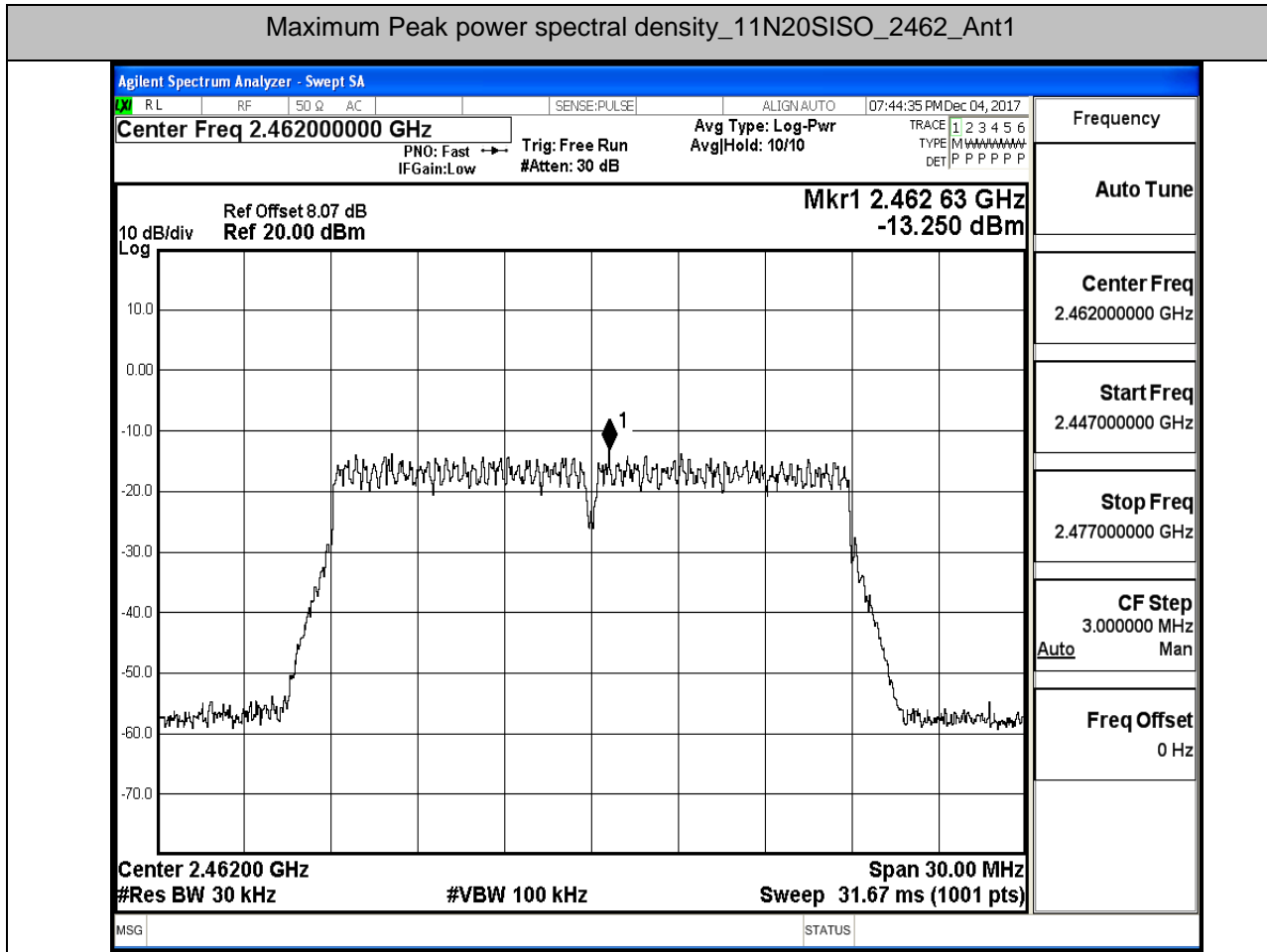
Maximum Peak power spectral density\_11N20SISO\_2412\_Ant1



Maximum Peak power spectral density\_11N20SISO\_2437\_Ant1



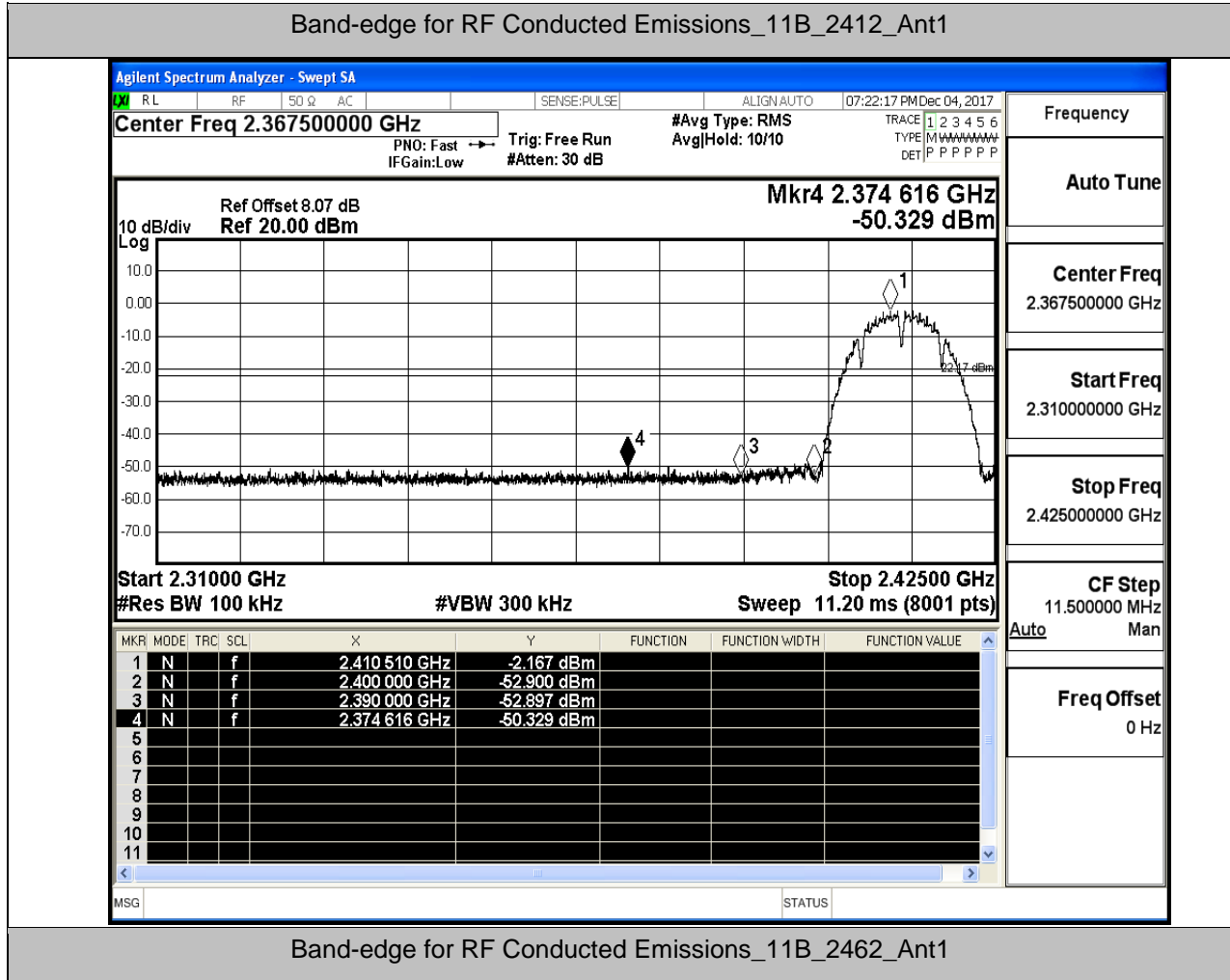
Maximum Peak power spectral density\_11N20SISO\_2462\_Ant1



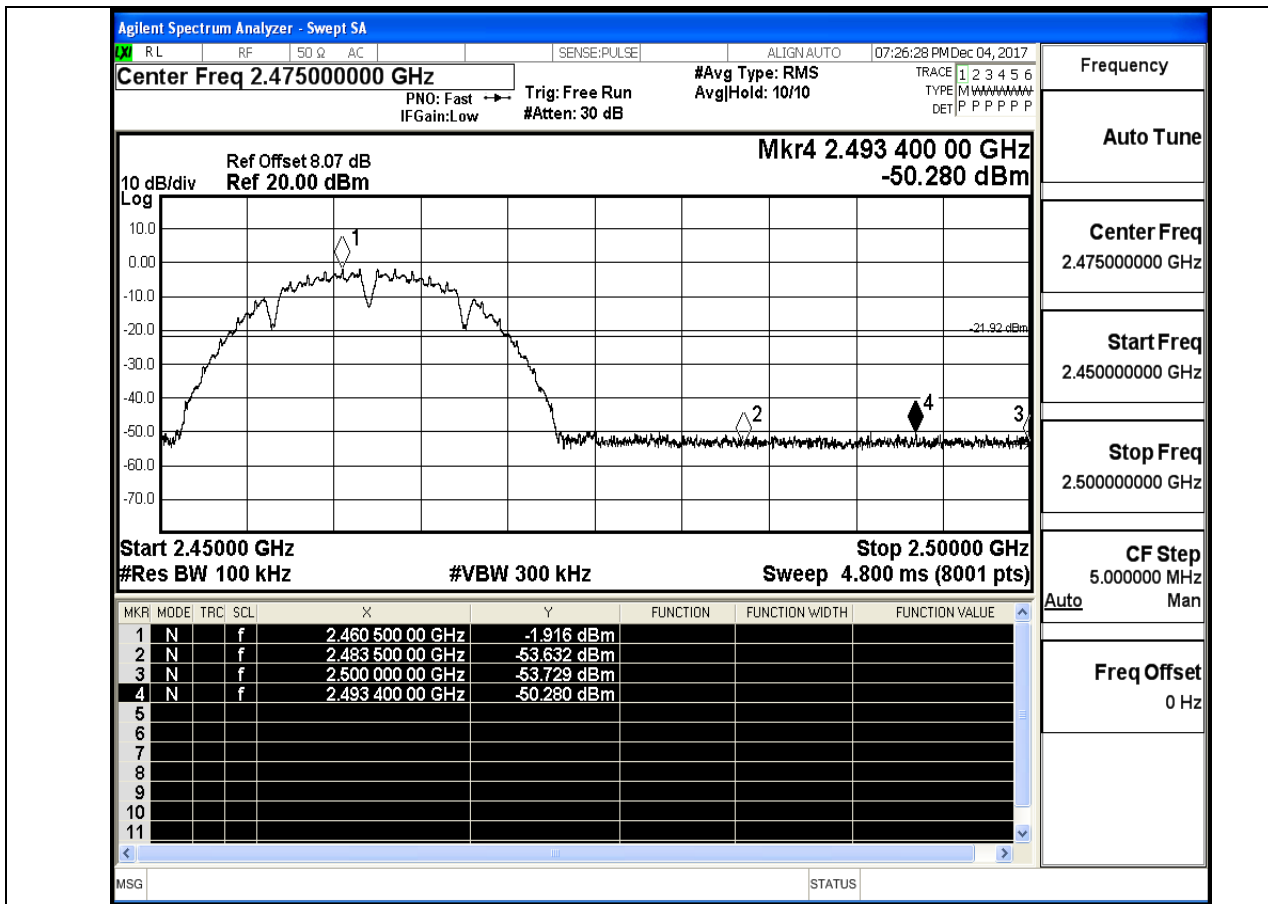
#### 4. Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	-2.167	-50.329	-22.17	PASS
11B	2462	Ant1	-1.916	-50.280	-21.92	PASS
11G	2412	Ant1	-10.476	-48.748	-30.48	PASS
11G	2462	Ant1	-10.001	-49.994	-30.00	PASS
11N20SISO	2412	Ant1	-10.413	-48.921	-30.41	PASS
11N20SISO	2462	Ant1	-10.566	-50.297	-30.57	PASS

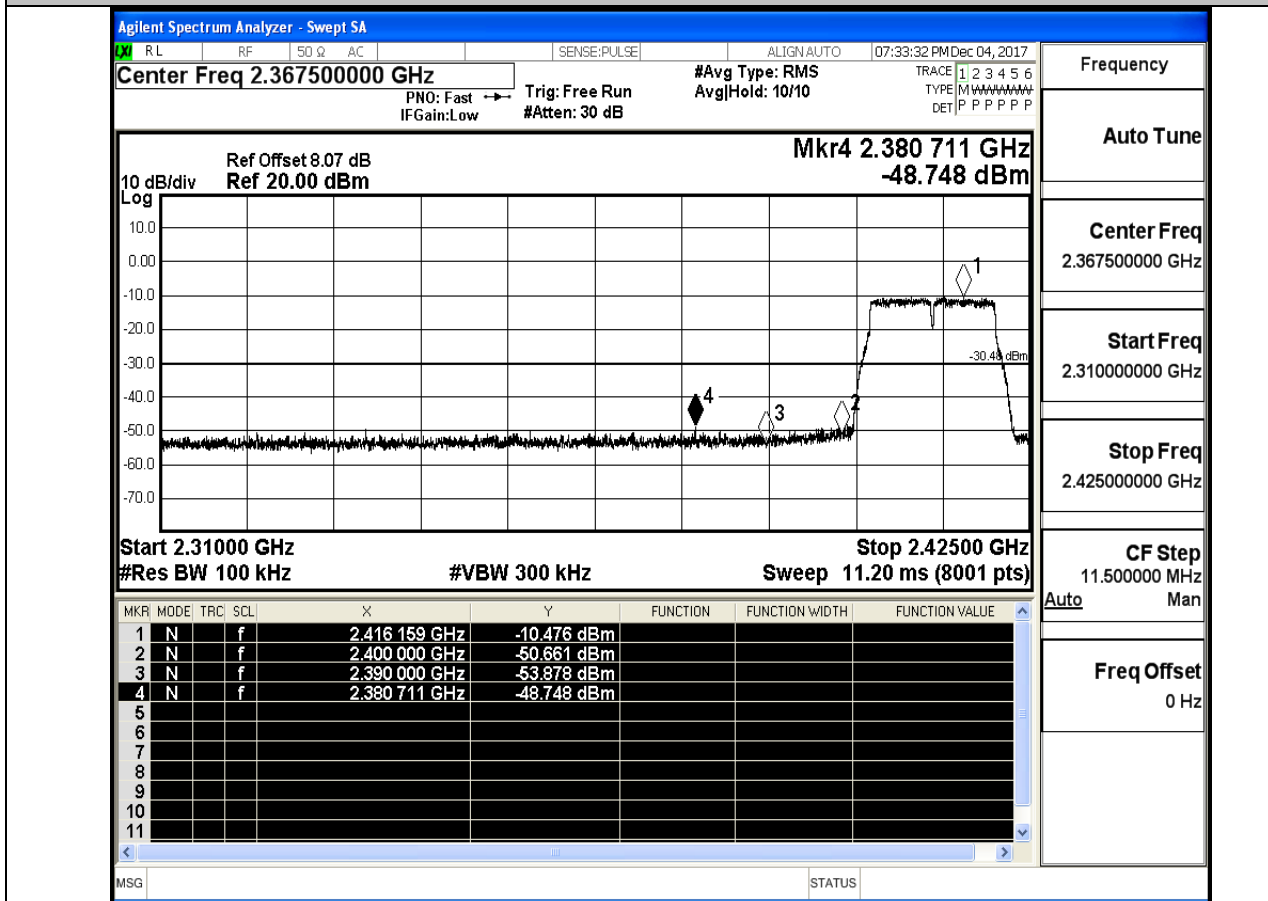
Band-edge for RF Conducted Emissions\_11B\_2412\_Ant1



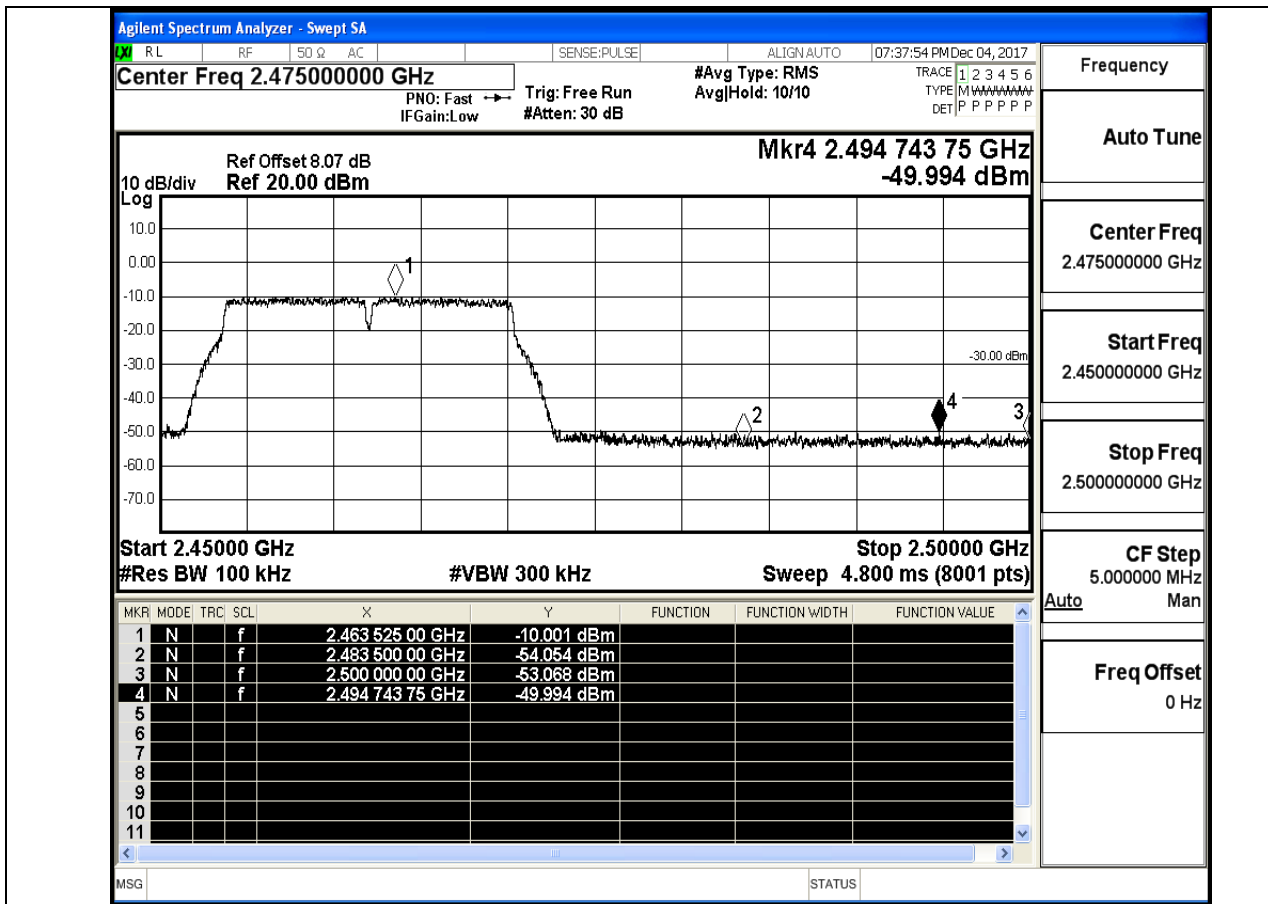
Band-edge for RF Conducted Emissions\_11B\_2462\_Ant1



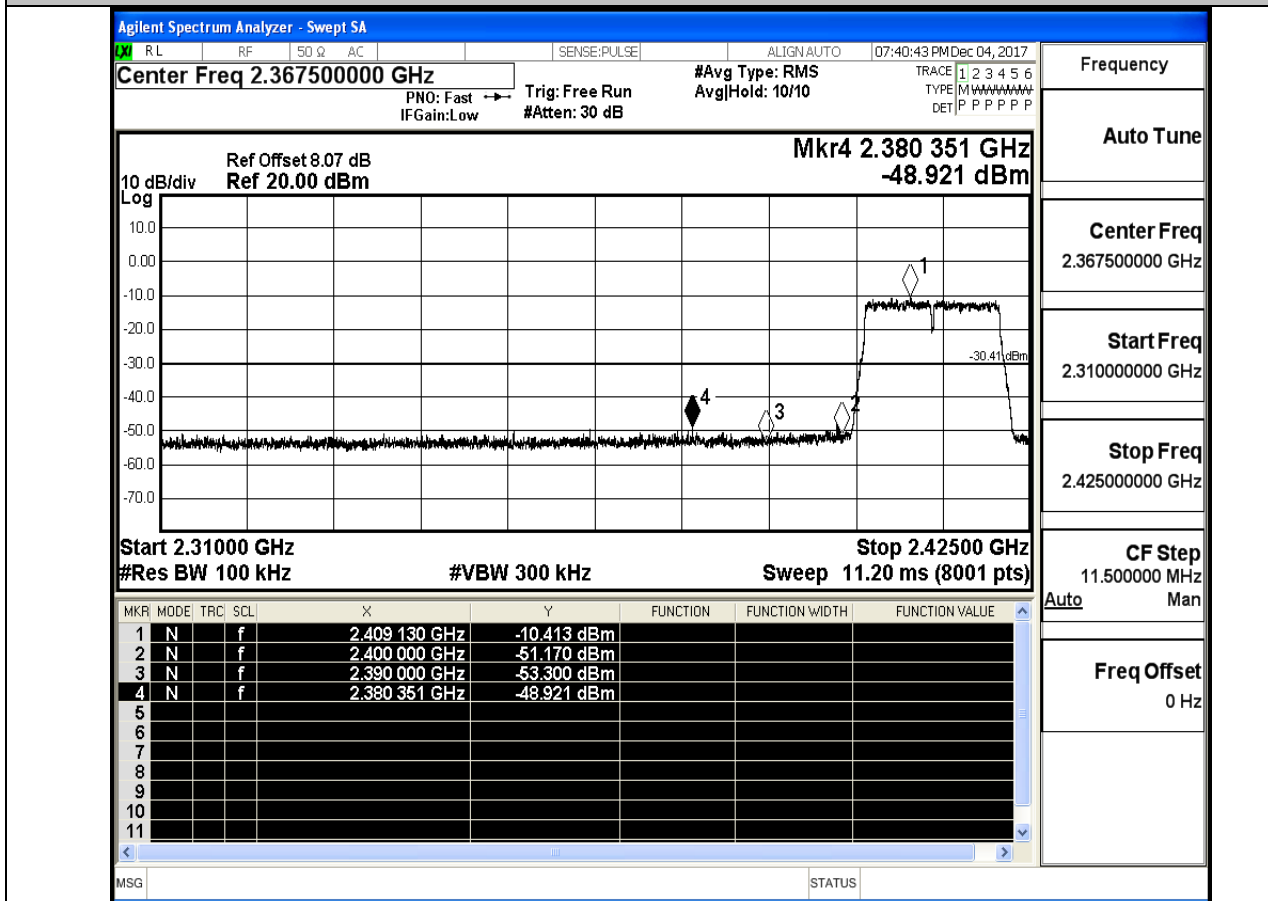
Band-edge for RF Conducted Emissions\_11G\_2412\_Ant1



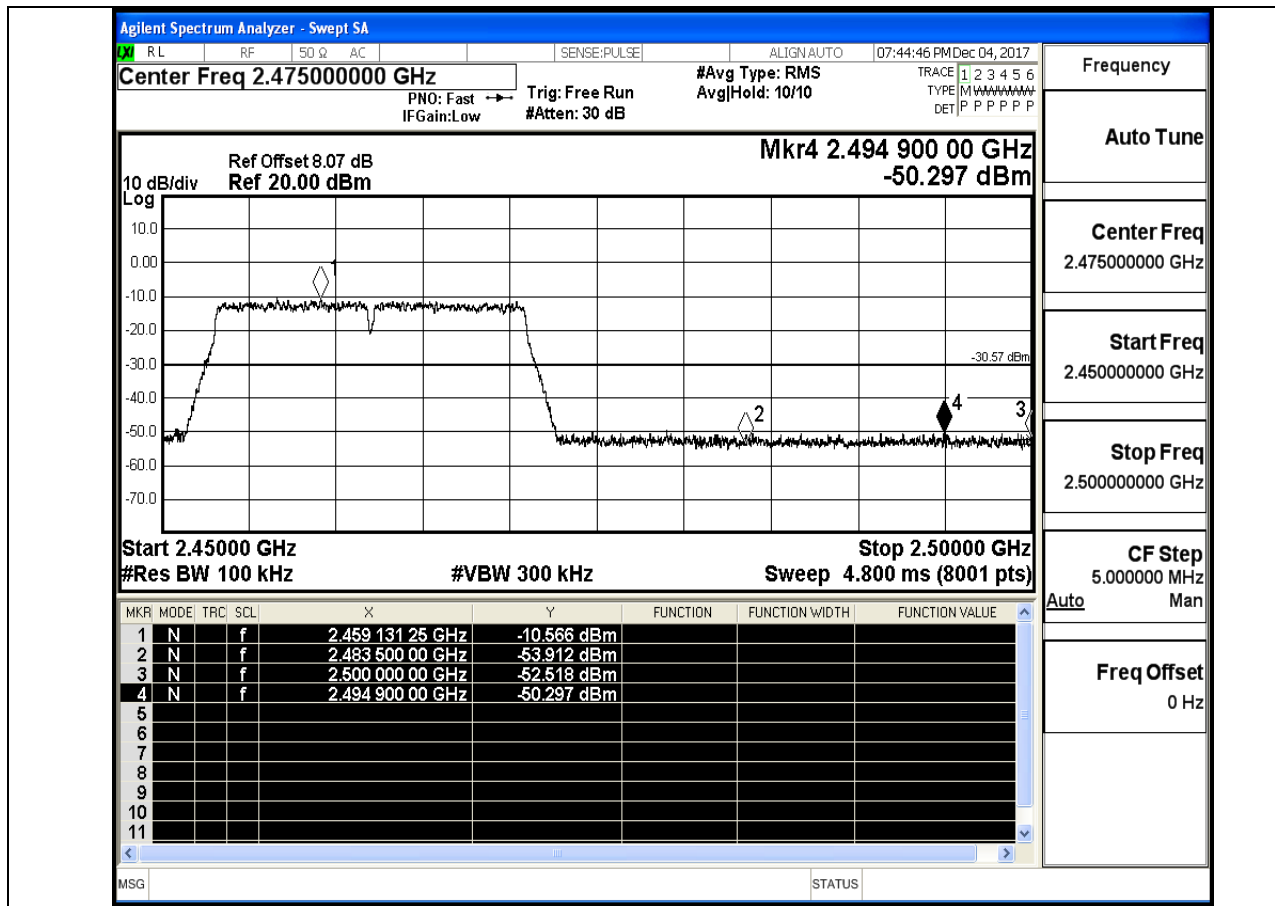
Band-edge for RF Conducted Emissions\_11G\_2462\_Ant1



Band-edge for RF Conducted Emissions\_11N20SISO\_2412\_Ant1



Band-edge for RF Conducted Emissions\_11N20SISO\_2462\_Ant1



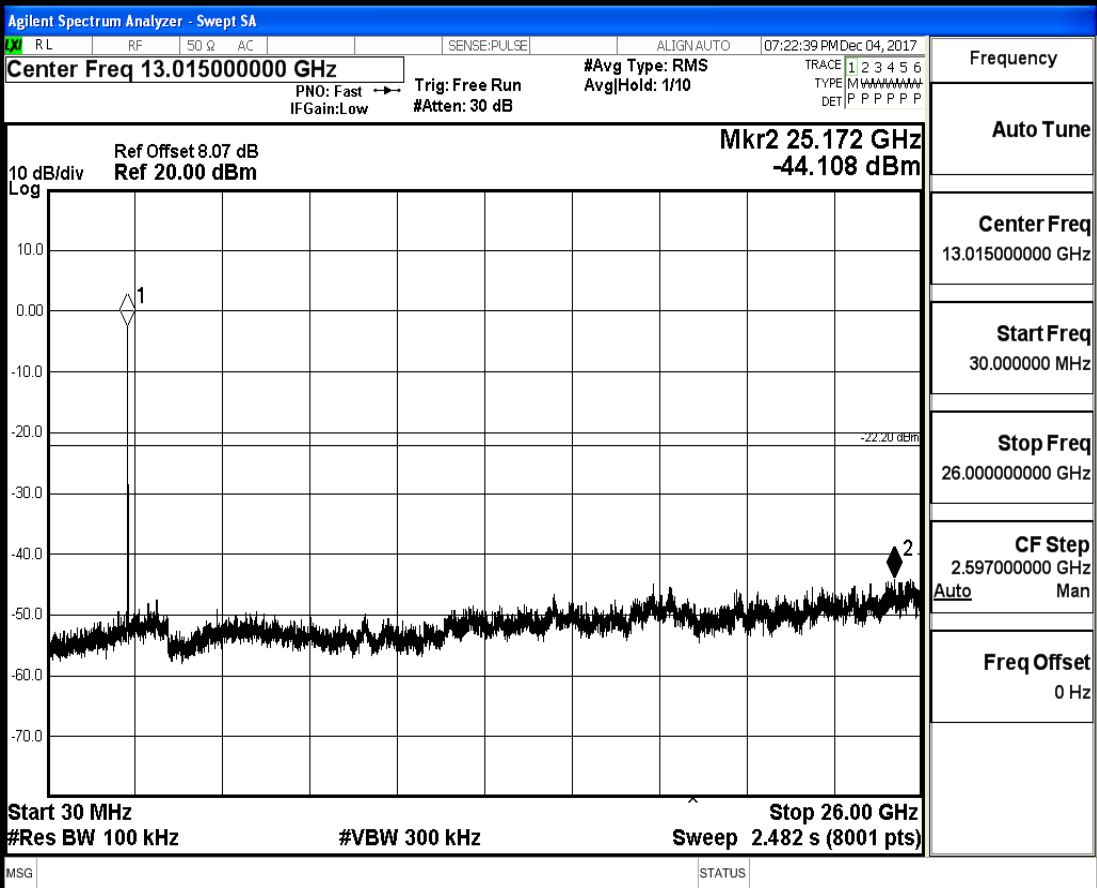
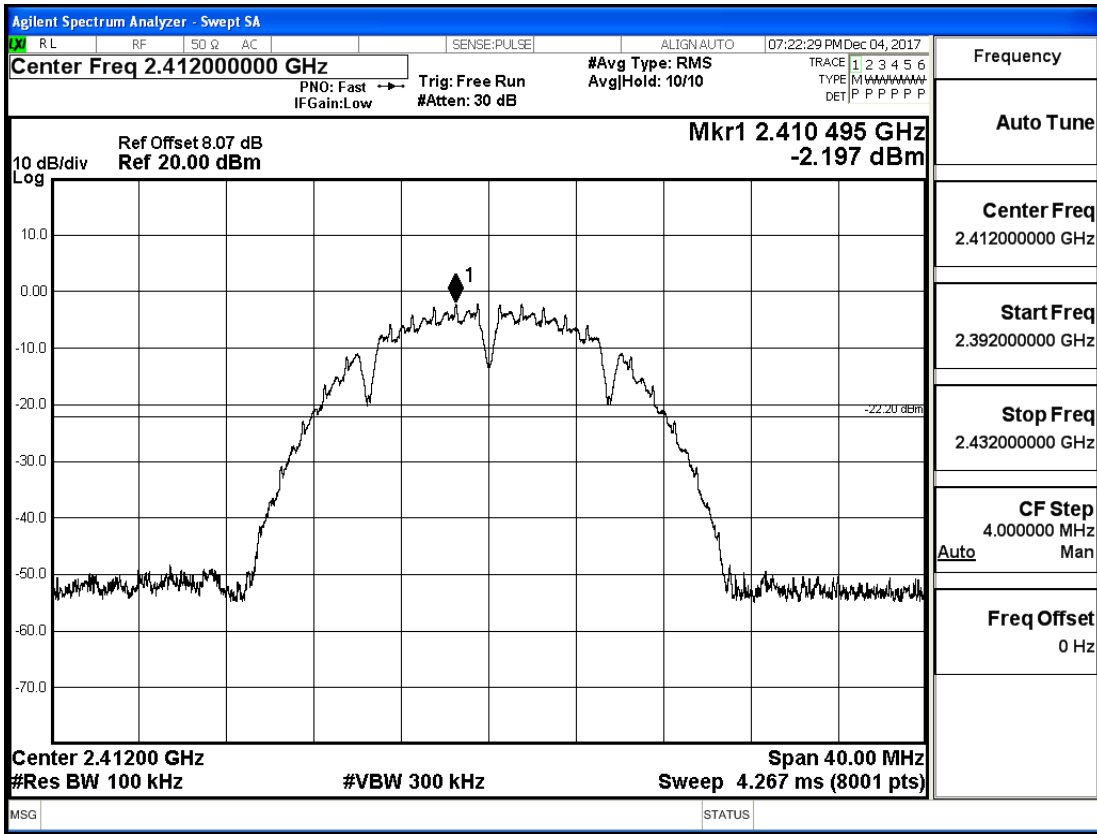
Frequency
Auto Tune
Center Freq 2.475000000 GHz
Start Freq 2.450000000 GHz
Stop Freq 2.500000000 GHz
CF Step 5.000000 MHz Auto Man
Freq Offset 0 Hz



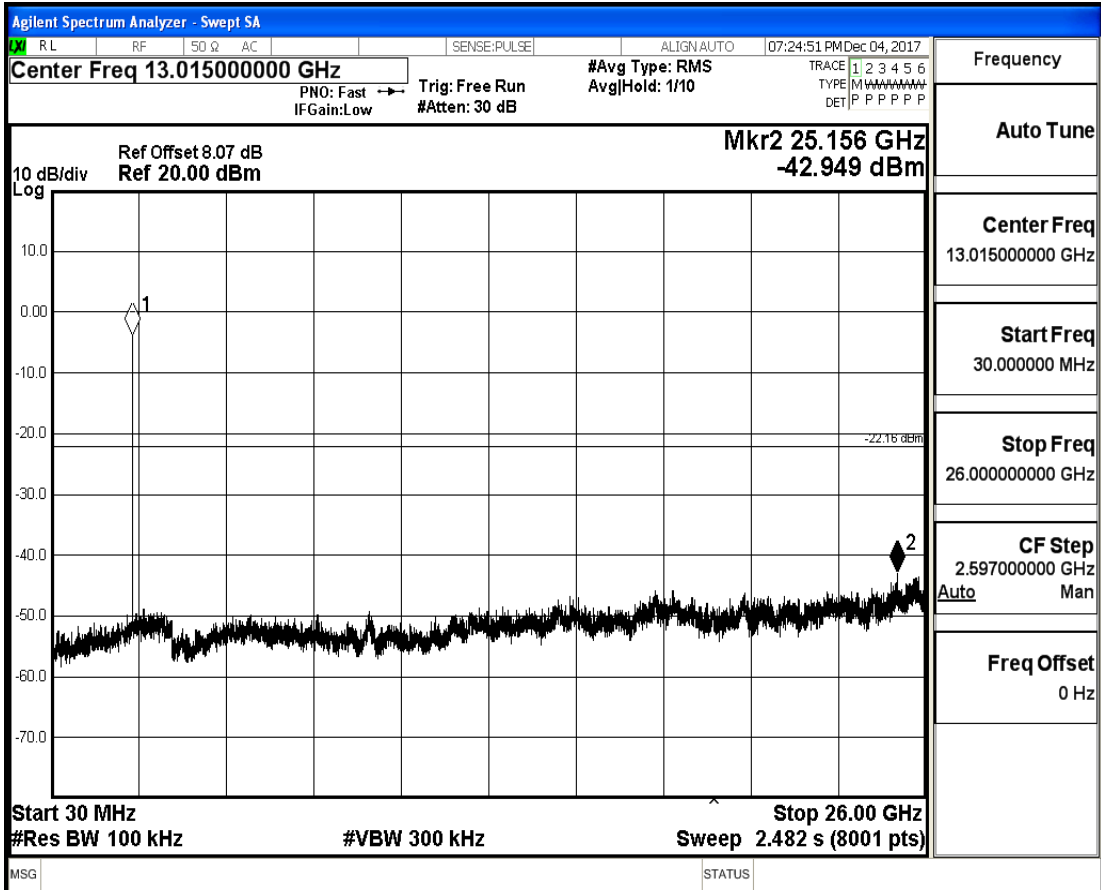
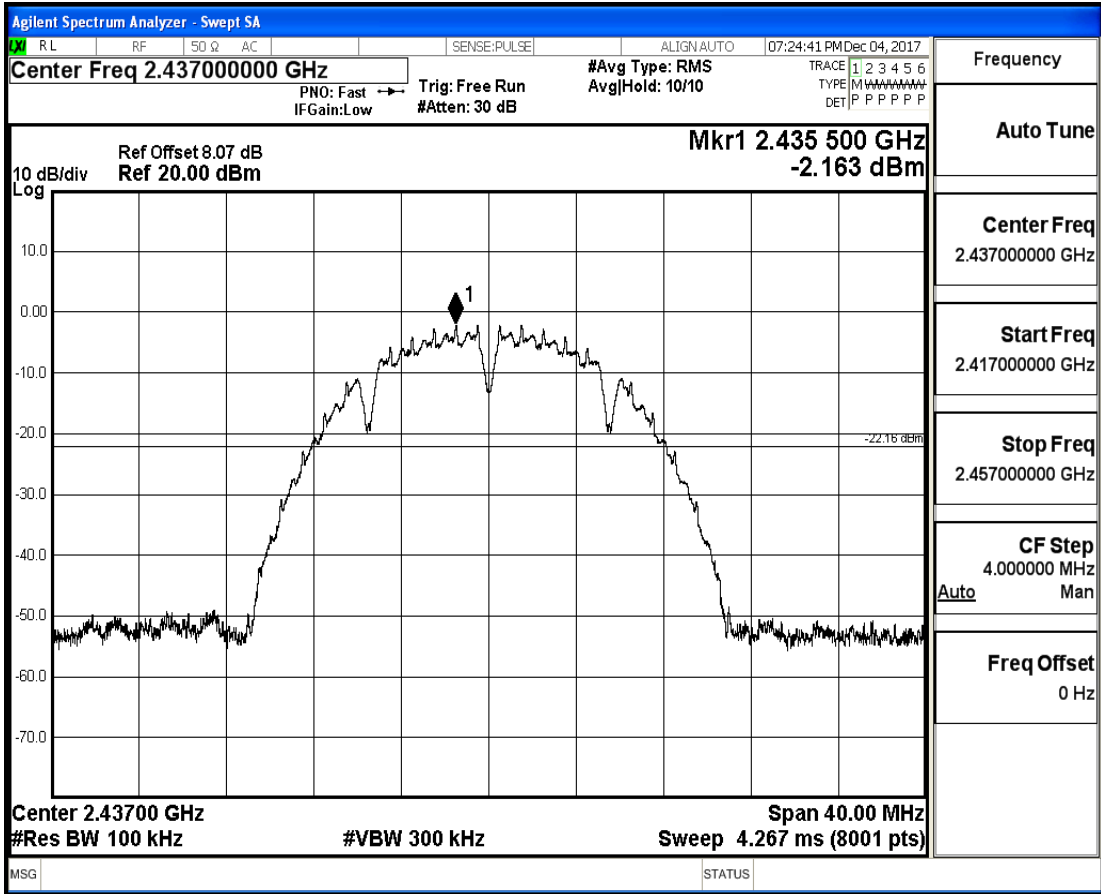
**5.RF Conducted Spurious Emissions**

Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[d Bm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	26000	100	300	-2.197	-44.108	<-22.197	PASS
11B	2437	Ant1	30	26000	100	300	-2.163	-42.949	<-22.163	PASS
11B	2462	Ant1	30	26000	100	300	-1.982	-43.488	<-21.982	PASS
11G	2412	Ant1	30	26000	100	300	-10.476	-42.813	<-30.476	PASS
11G	2437	Ant1	30	26000	100	300	-10.167	-43.411	<-30.167	PASS
11G	2462	Ant1	30	26000	100	300	-9.955	-43.630	<-29.955	PASS
11N20SI SO	2412	Ant1	30	26000	100	300	-10.495	-43.283	<-30.495	PASS
11N20SI SO	2437	Ant1	30	26000	100	300	-10.47	-43.162	<-30.47	PASS
11N20SI SO	2462	Ant1	30	26000	100	300	-10.417	-43.654	<-30.417	PASS

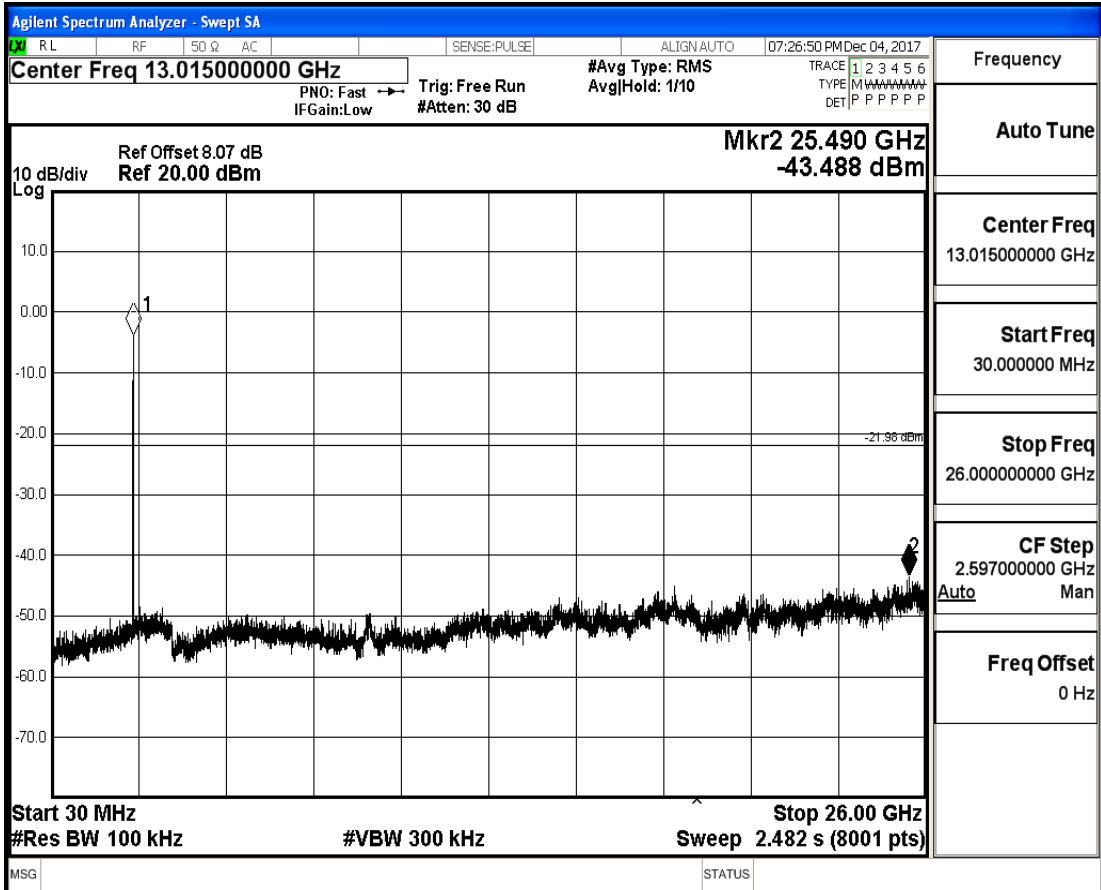
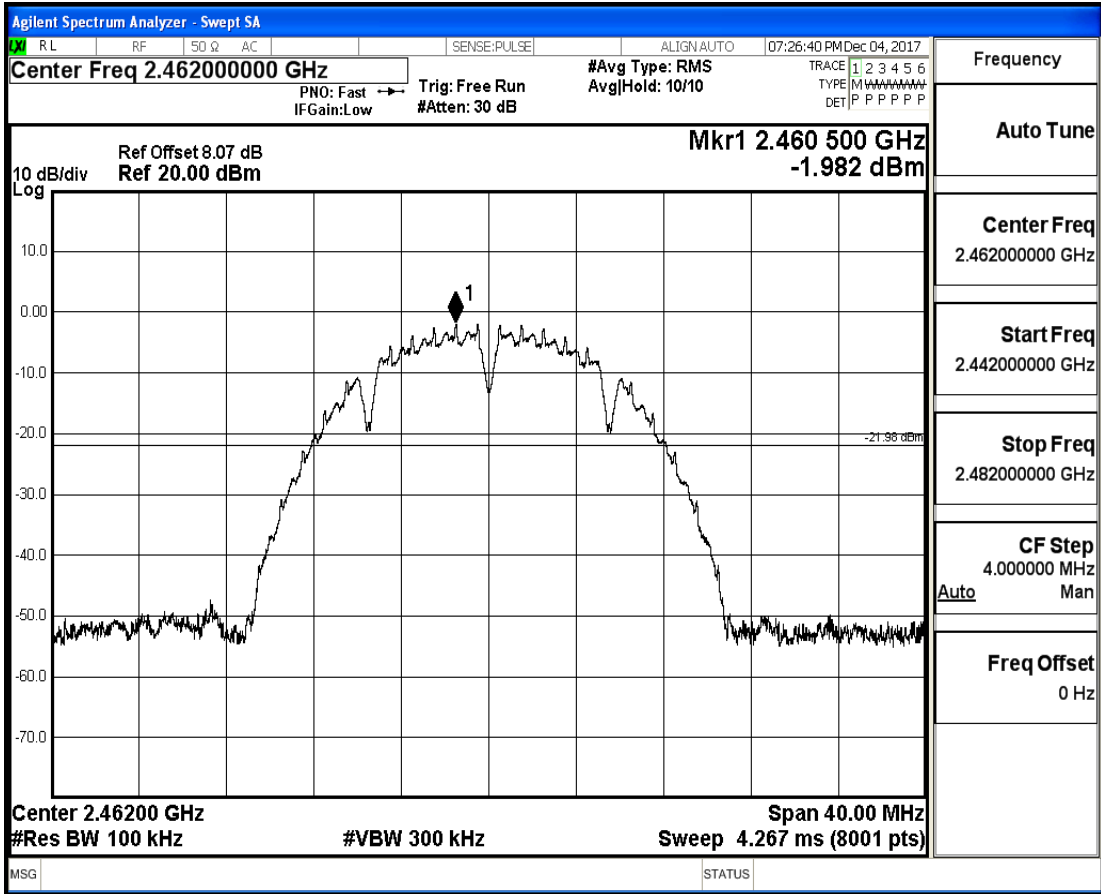
RF Conducted Spurious Emissions\_11B\_2412\_Ant1



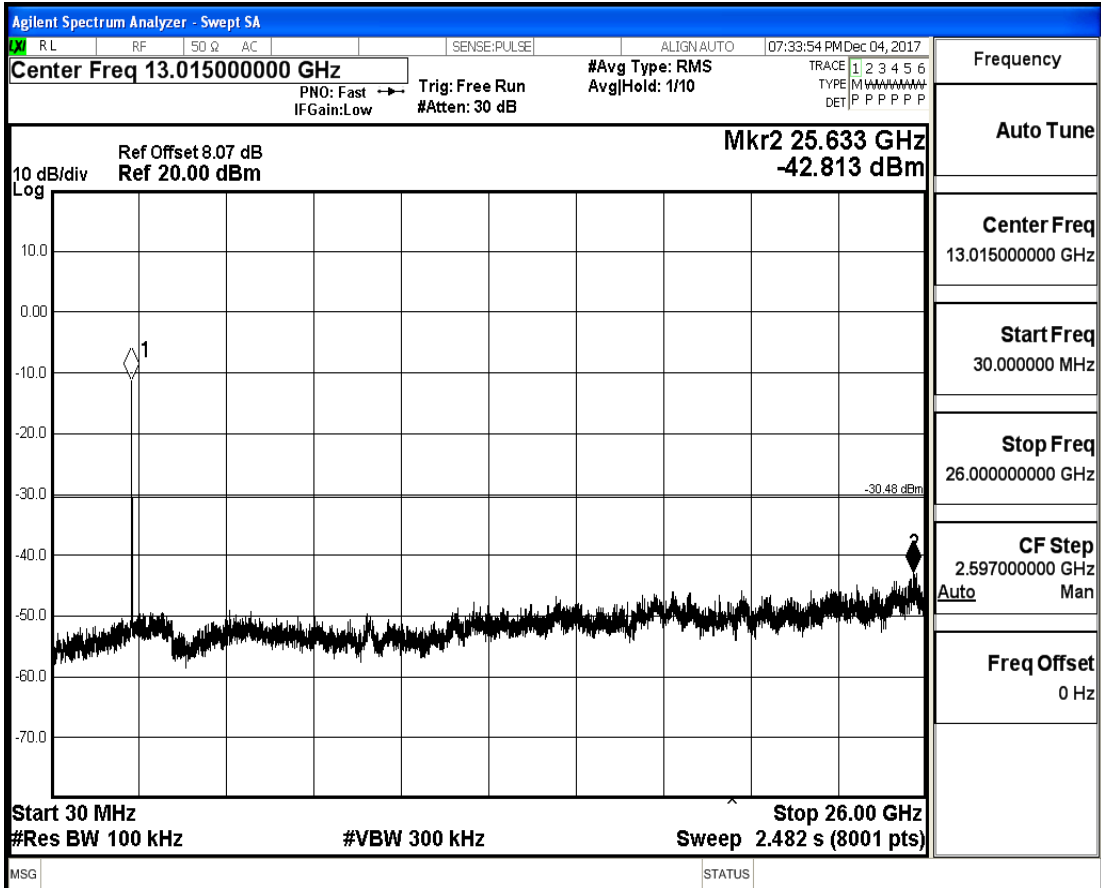
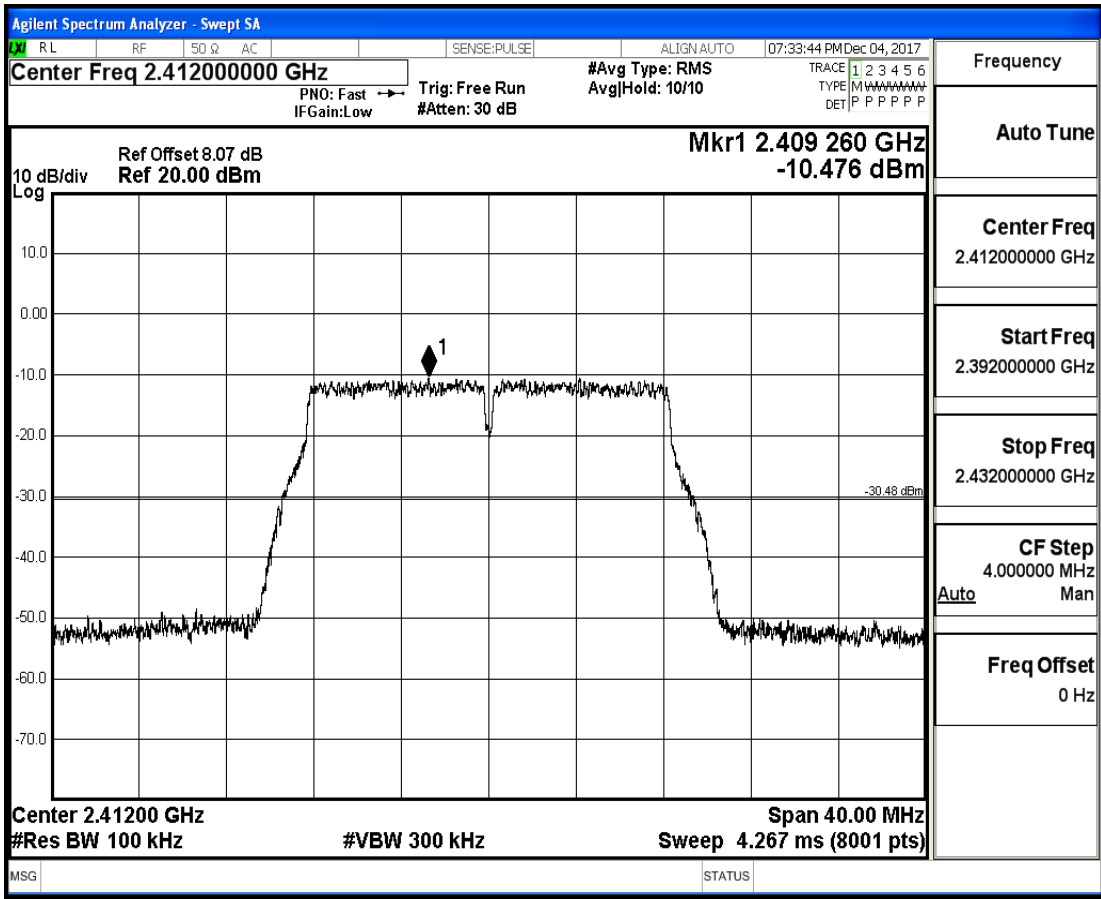
RF Conducted Spurious Emissions\_11B\_2437\_Ant1



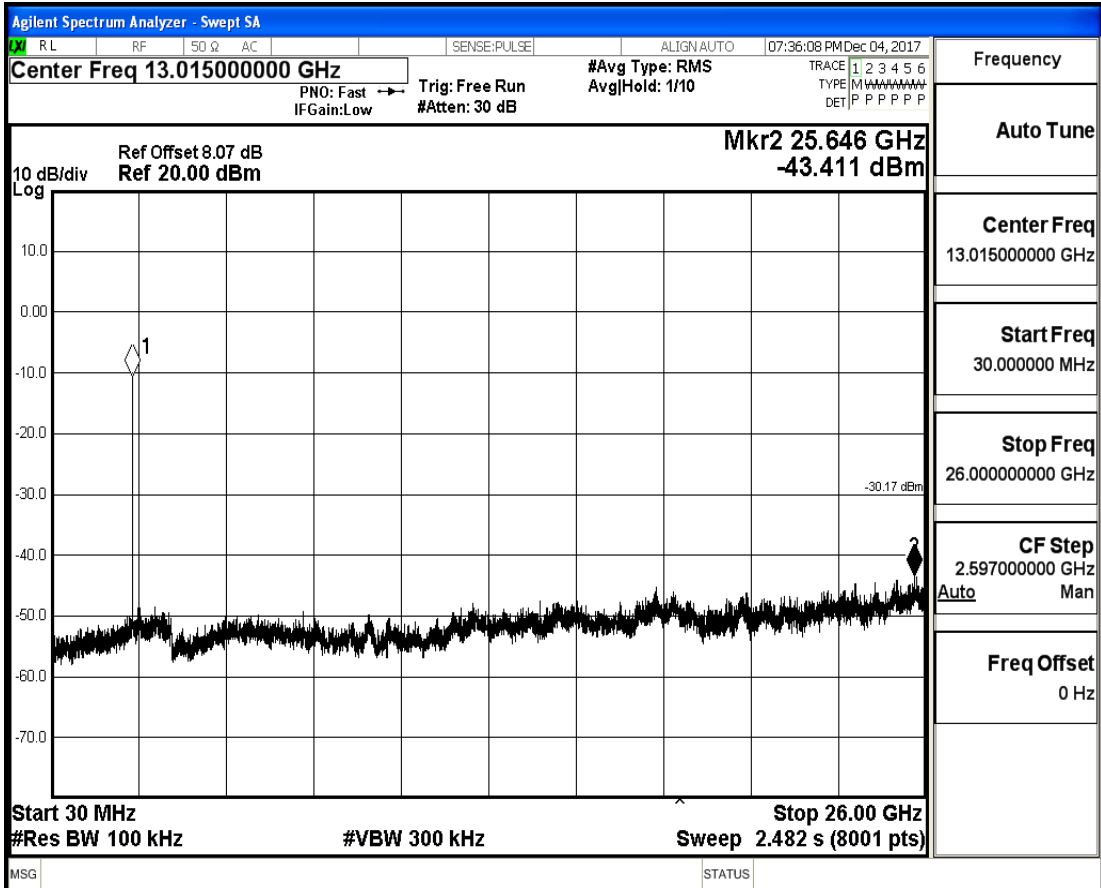
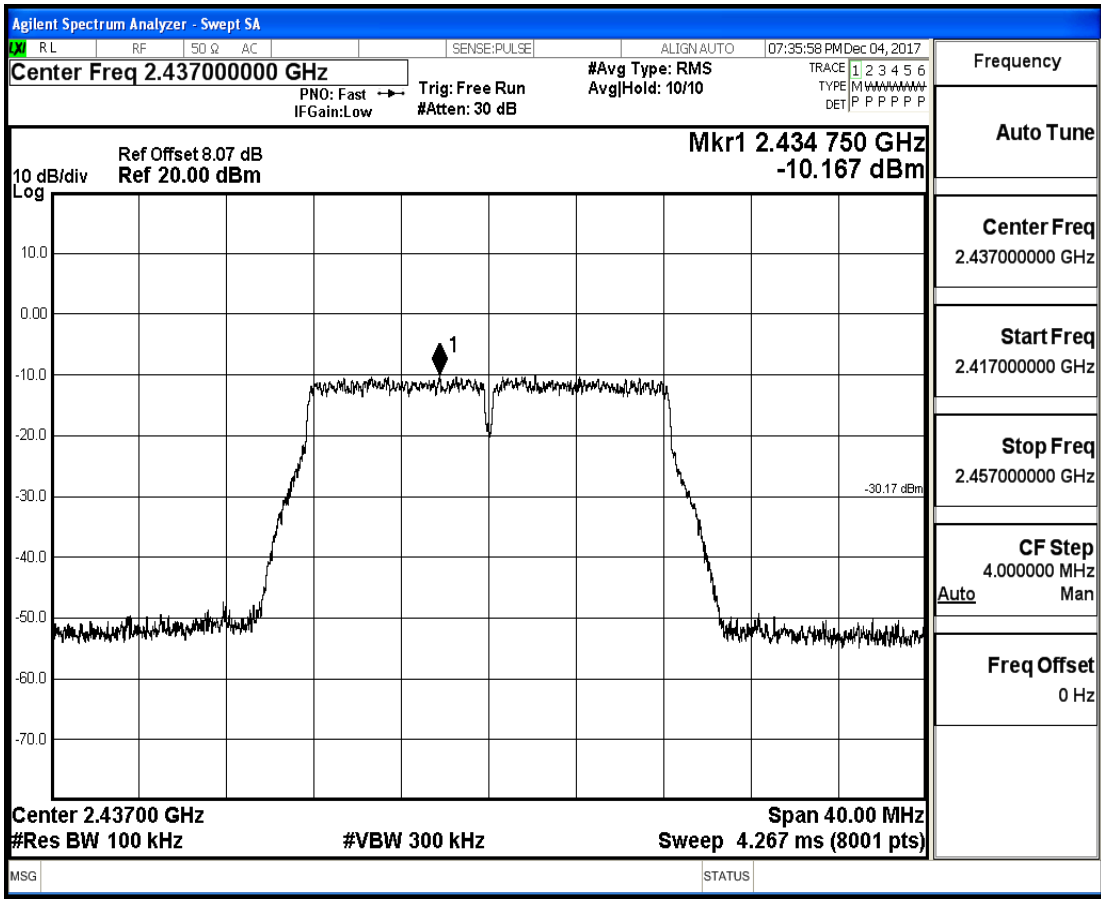
RF Conducted Spurious Emissions\_11B\_2462\_Ant1



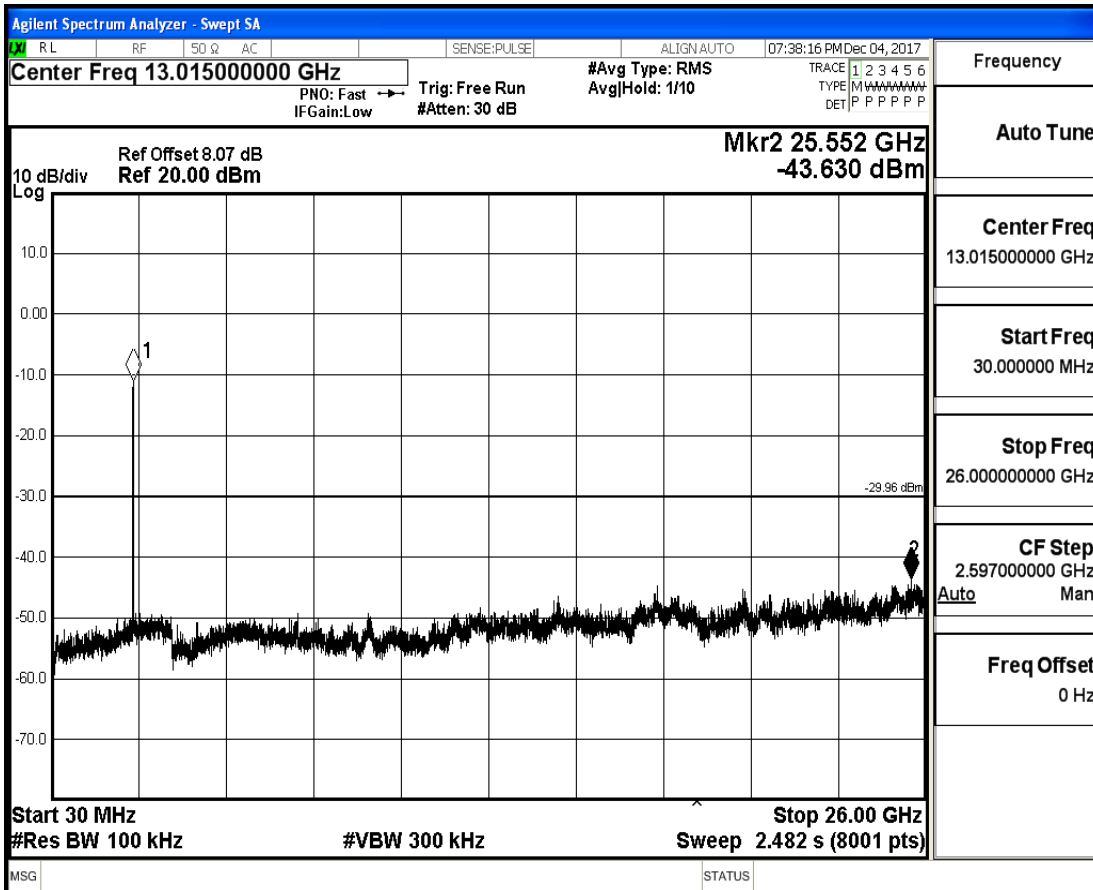
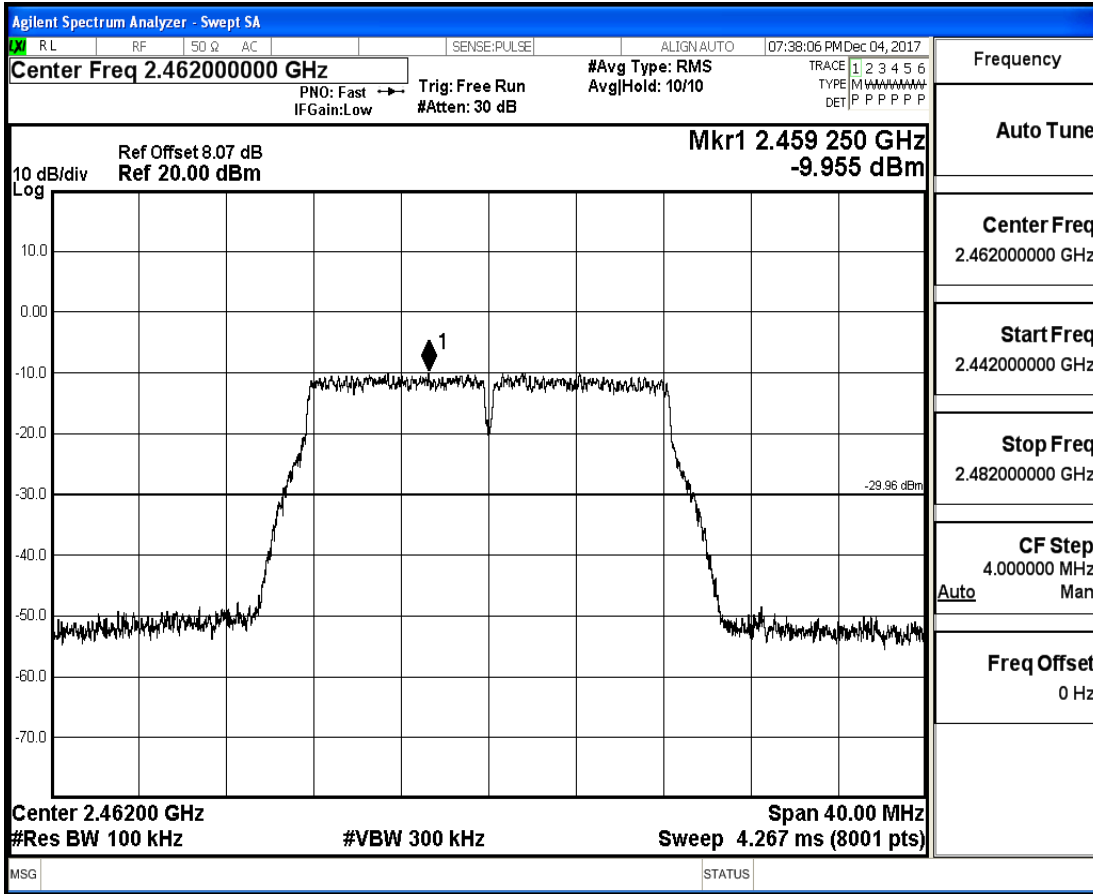
RF Conducted Spurious Emissions\_11G\_2412\_Ant1



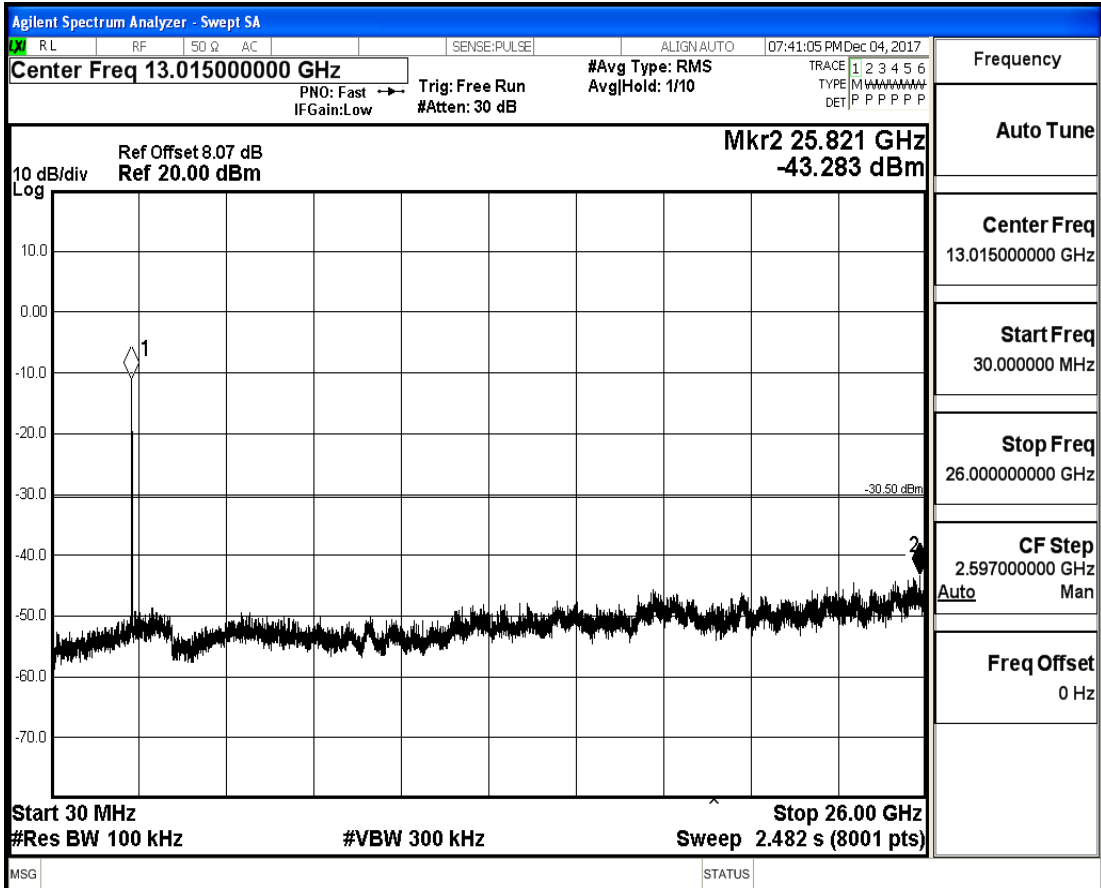
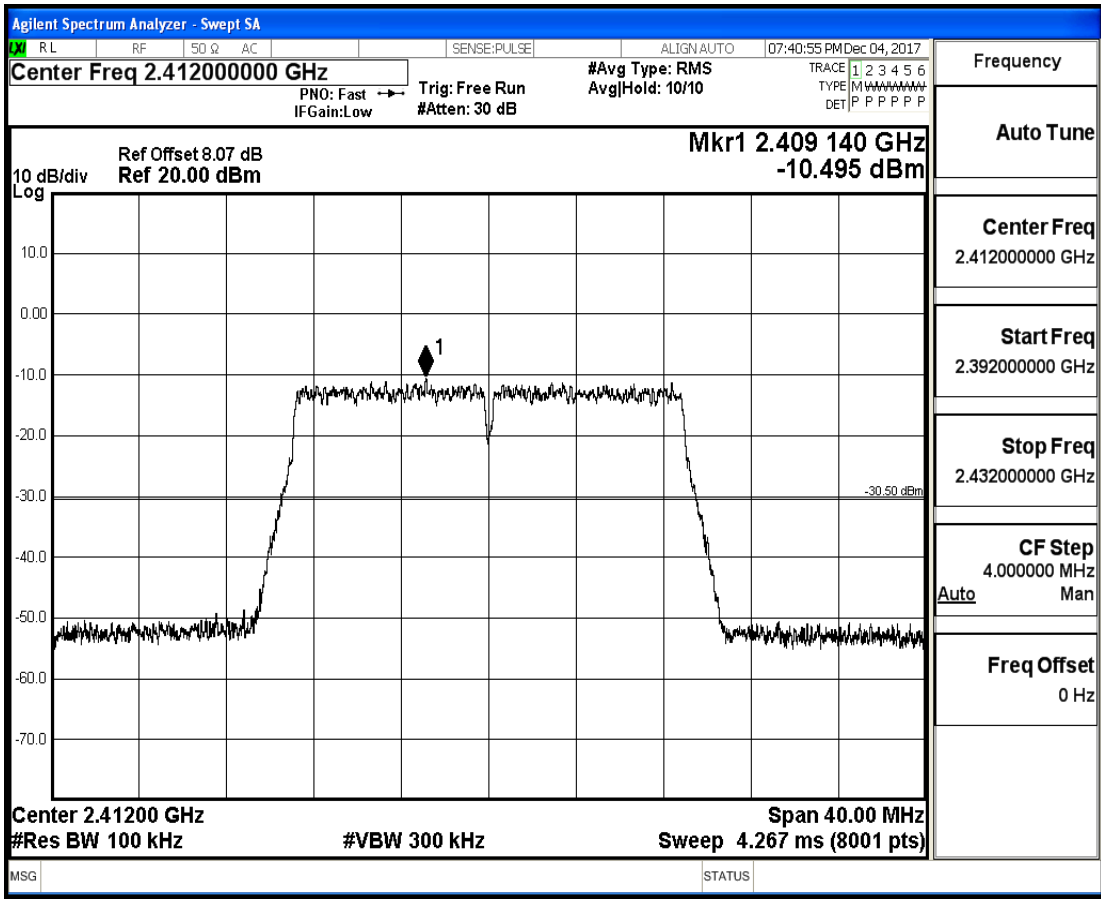
RF Conducted Spurious Emissions\_11G\_2437\_Ant1



RF Conducted Spurious Emissions\_11G\_2462\_Ant1

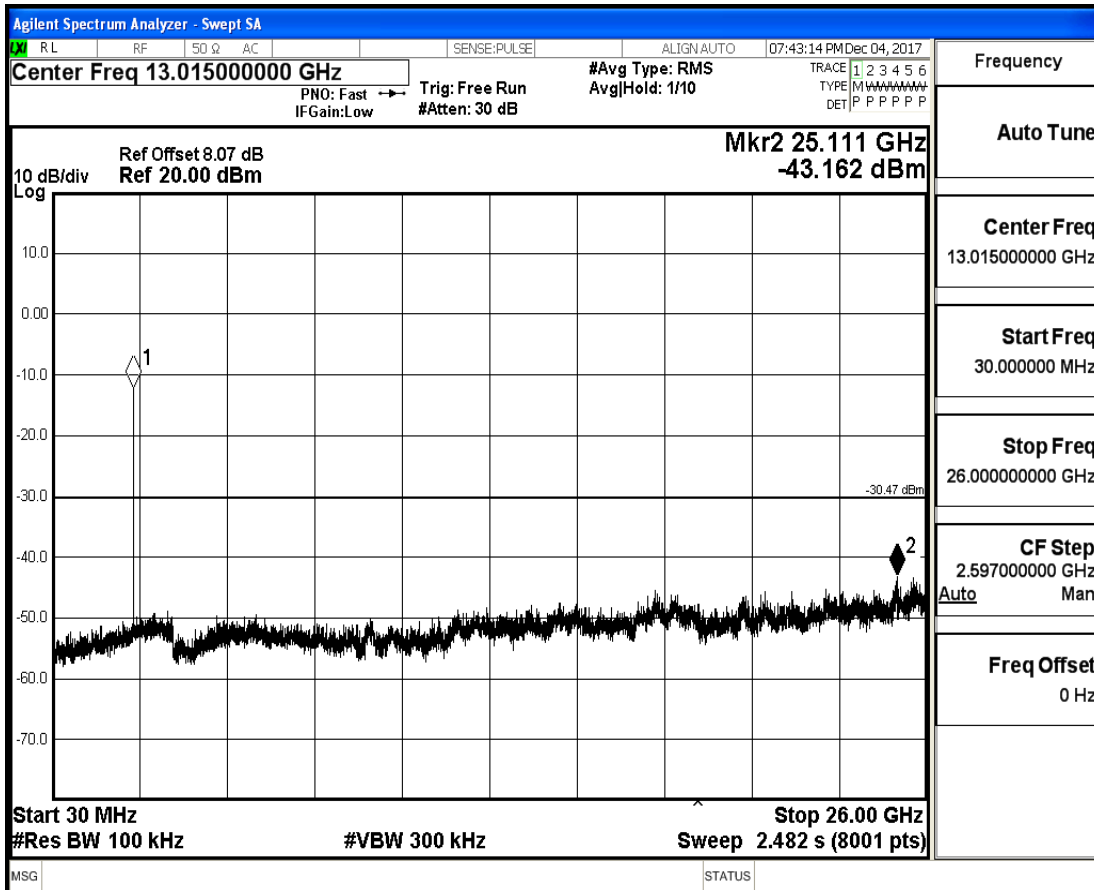
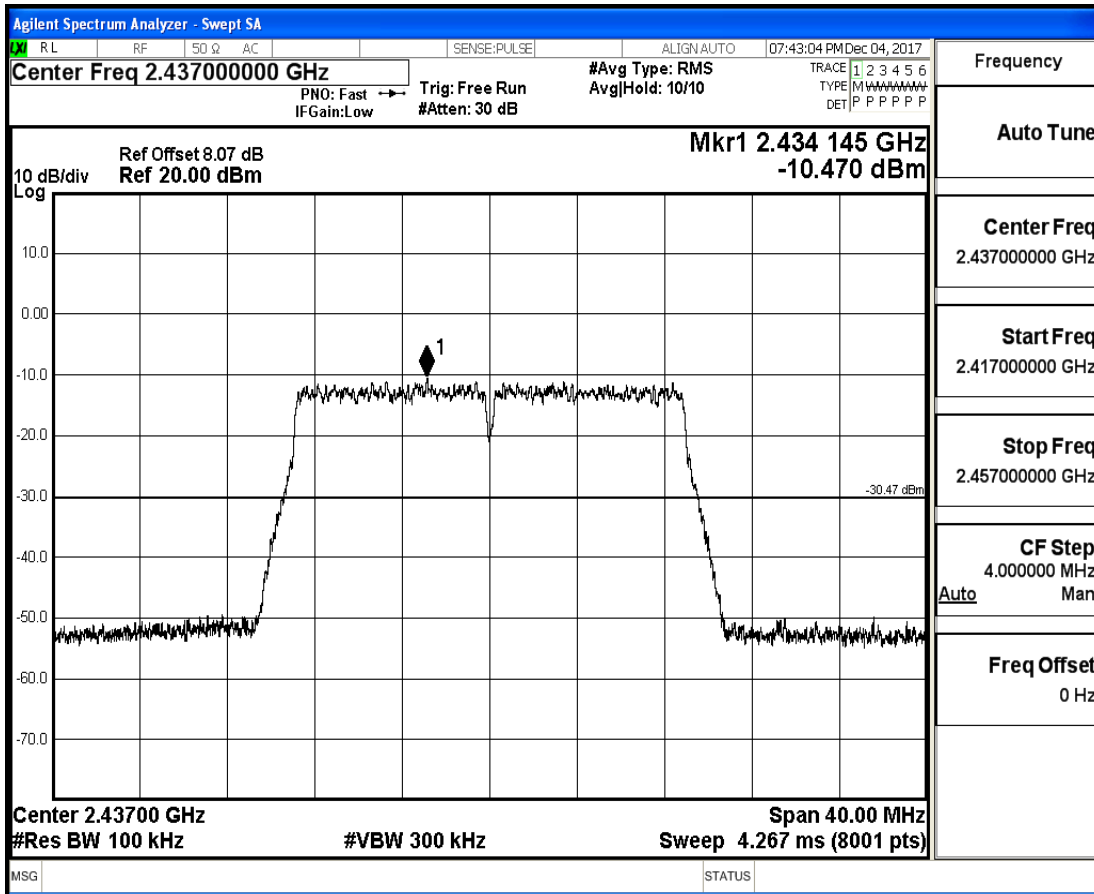


RF Conducted Spurious Emissions\_11N20SISO\_2412\_Ant1

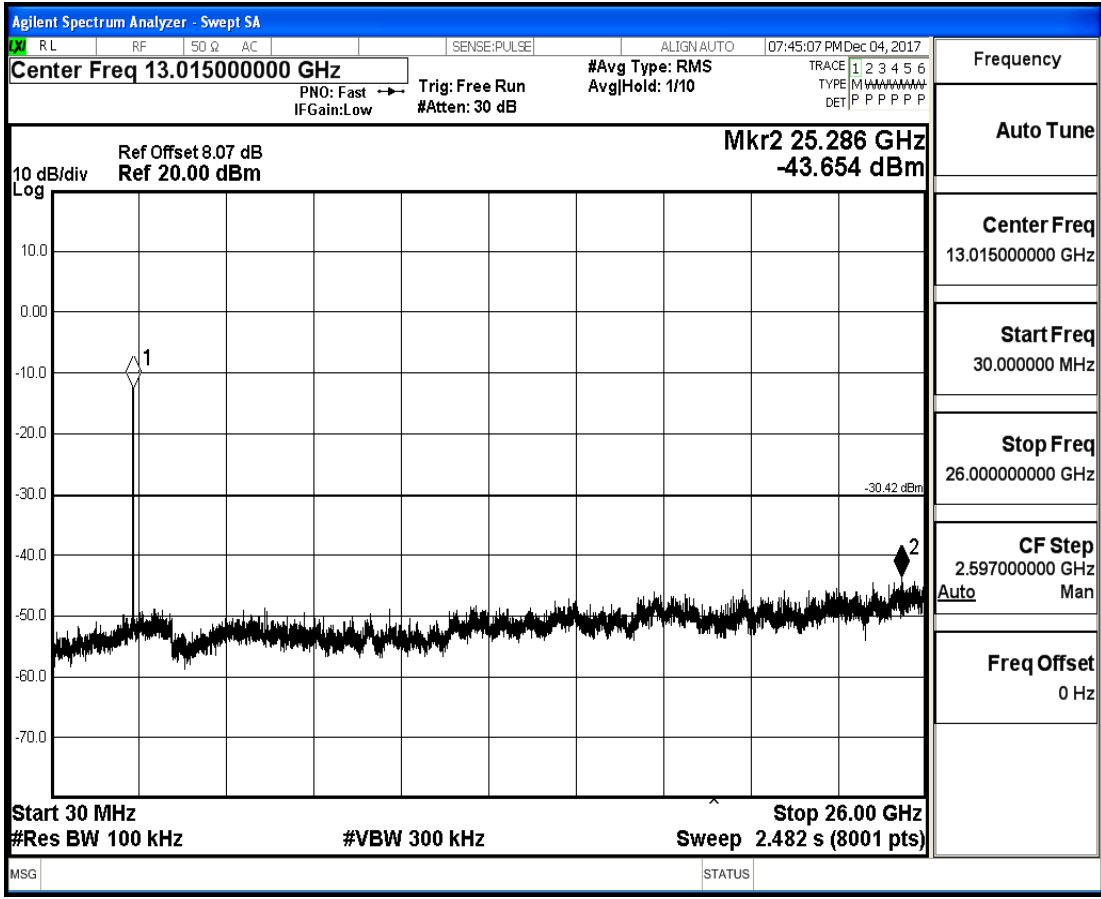
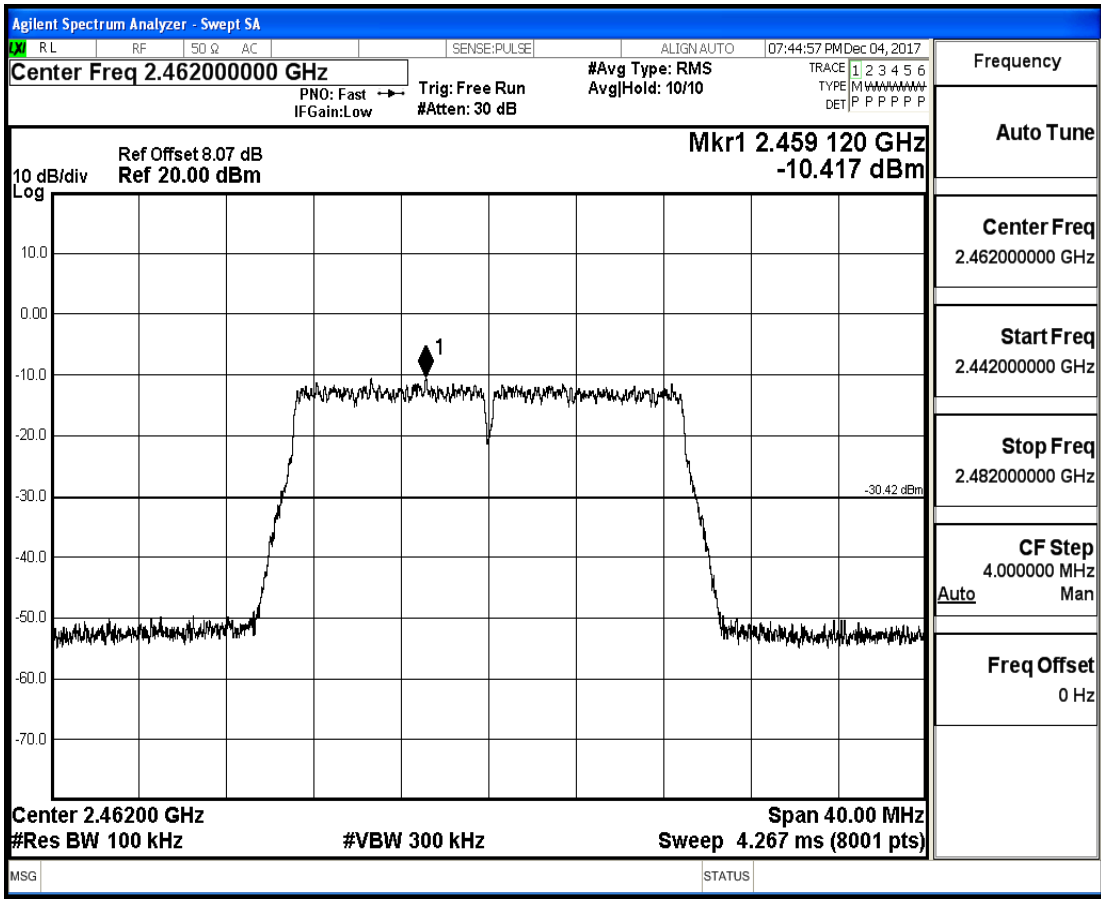




RF Conducted Spurious Emissions\_11N20SISO\_2437\_Ant1



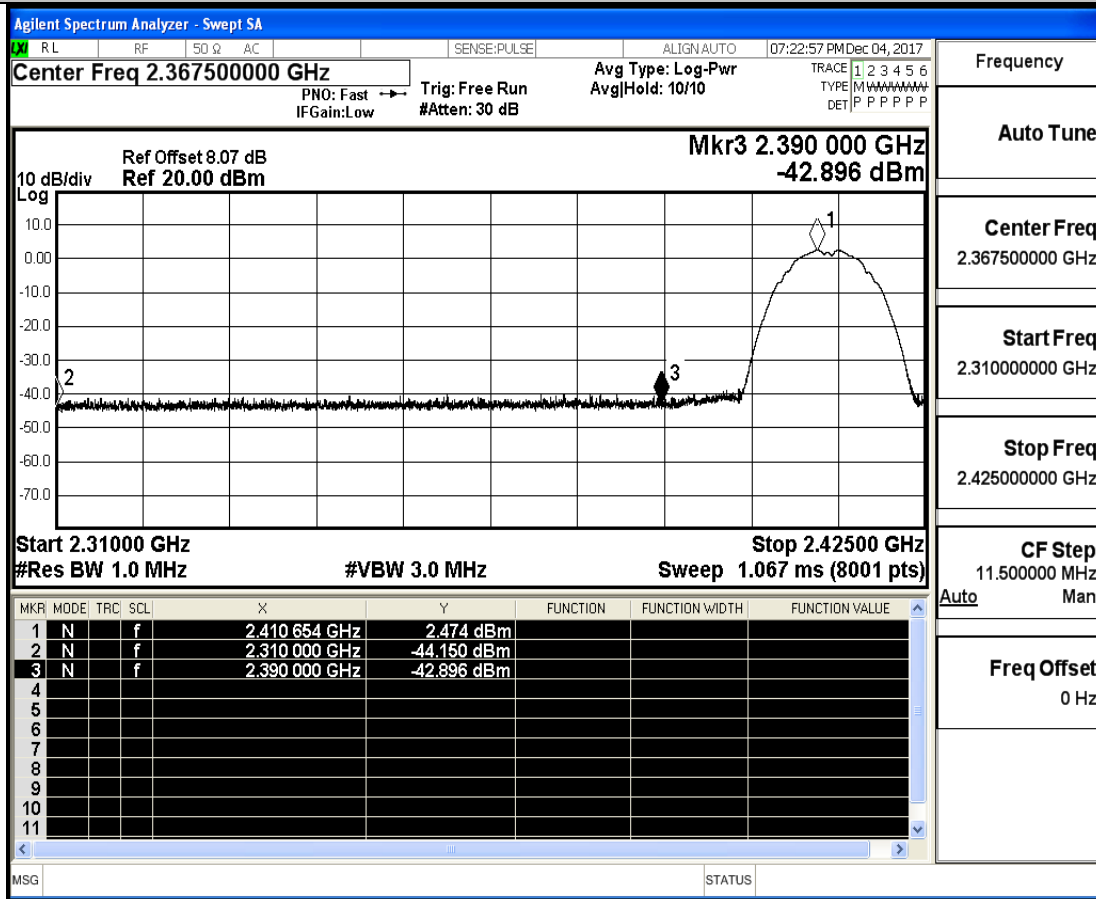
RF Conducted Spurious Emissions\_11N20SISO\_2462\_Ant1



**6.Restrict-band band-edge measurements**

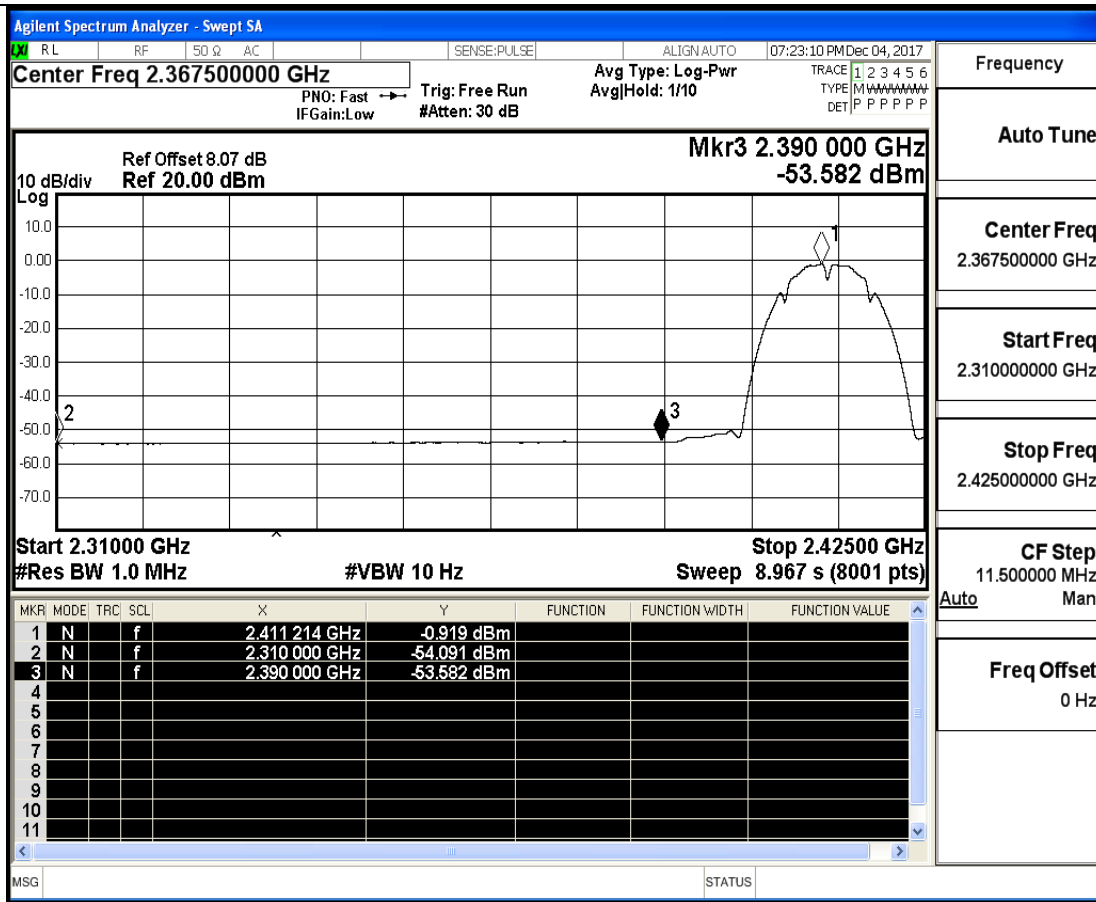
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-44.15	2	0	53.11	PEAK	74	PASS
11B	2412	Ant1	2310.0	-54.09	2	0	43.17	AV	54	PASS
11B	2412	Ant1	2390.0	-42.90	2	0	54.36	PEAK	74	PASS
11B	2412	Ant1	2390.0	-53.58	2	0	43.68	AV	54	PASS
11B	2462	Ant1	2483.5	-42.96	2	0	54.3	PEAK	74	PASS
11B	2462	Ant1	2483.5	-53.51	2	0	43.74	AV	54	PASS
11B	2462	Ant1	2500.0	-43.00	2	0	54.26	PEAK	74	PASS
11B	2462	Ant1	2500.0	-53.38	2	0	43.88	AV	54	PASS
11G	2412	Ant1	2310.0	-43.86	2	0	53.39	PEAK	74	PASS
11G	2412	Ant1	2310.0	-54.08	2	0	43.18	AV	54	PASS
11G	2412	Ant1	2390.0	-42.66	2	0	54.6	PEAK	74	PASS
11G	2412	Ant1	2390.0	-53.17	2	0	44.09	AV	54	PASS
11G	2462	Ant1	2483.5	-41.80	2	0	55.46	PEAK	74	PASS
11G	2462	Ant1	2483.5	-53.25	2	0	44.01	AV	54	PASS
11G	2462	Ant1	2500.0	-42.59	2	0	54.67	PEAK	74	PASS
11G	2462	Ant1	2500.0	-53.23	2	0	44.03	AV	54	PASS
11N20SIS O	2412	Ant1	2310.0	-43.53	2	0	53.72	PEAK	74	PASS
11N20SIS O	2412	Ant1	2310.0	-54.09	2	0	43.16	AV	54	PASS
11N20SIS O	2412	Ant1	2390.0	-41.35	2	0	55.91	PEAK	74	PASS
11N20SIS O	2412	Ant1	2390.0	-53.15	2	0	44.1	AV	54	PASS
11N20SIS O	2462	Ant1	2483.5	-44.39	2	0	52.87	PEAK	74	PASS
11N20SIS O	2462	Ant1	2483.5	-53.73	2	0	43.52	AV	54	PASS
11N20SIS O	2462	Ant1	2500.0	-41.72	2	0	55.54	PEAK	74	PASS
11N20SIS O	2462	Ant1	2500.0	-53.95	2	0	43.31	AV	54	PASS

Restrict-band band-edge measurements\_11B\_2412\_Ant1\_PEAK

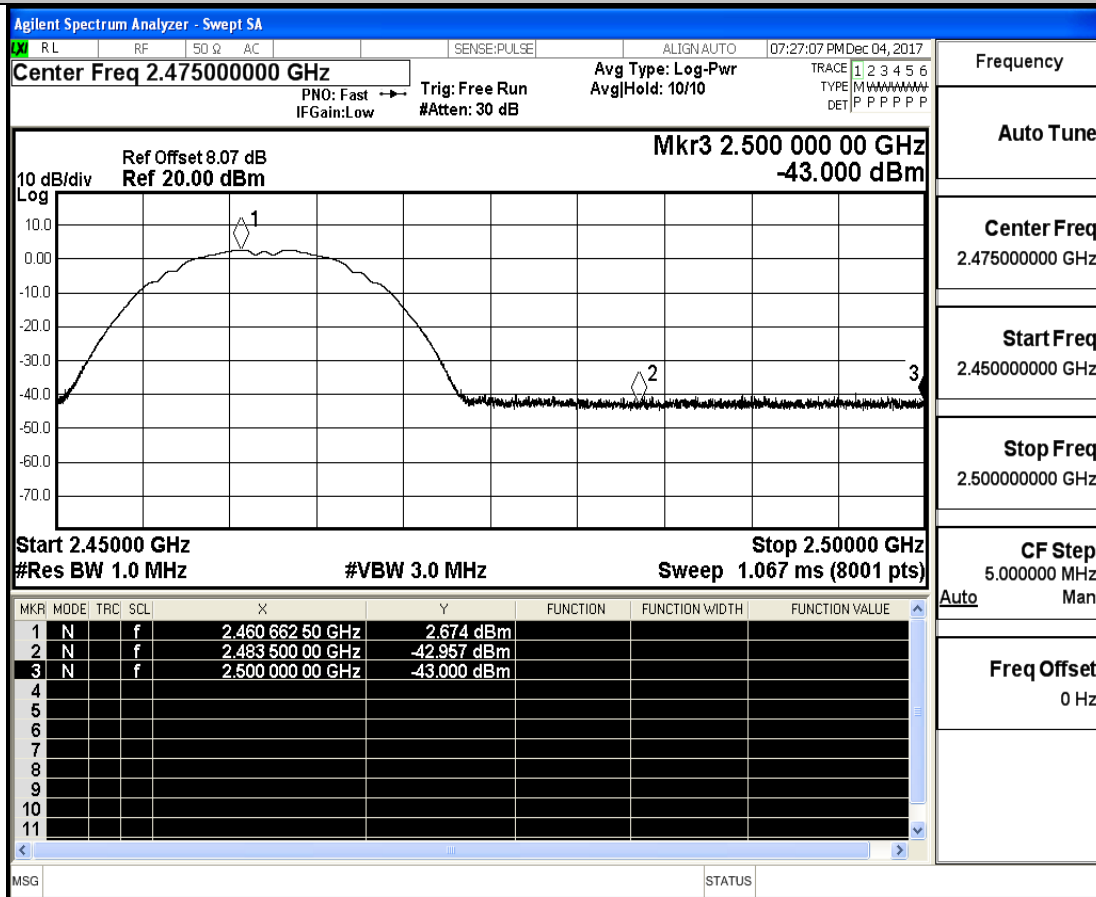


Frequency	
Auto Tune	
Center Freq	2.367500000 GHz
Start Freq	2.310000000 GHz
Stop Freq	2.425000000 GHz
CF Step	11.500000 MHz
Auto	Man
Freq Offset	0 Hz

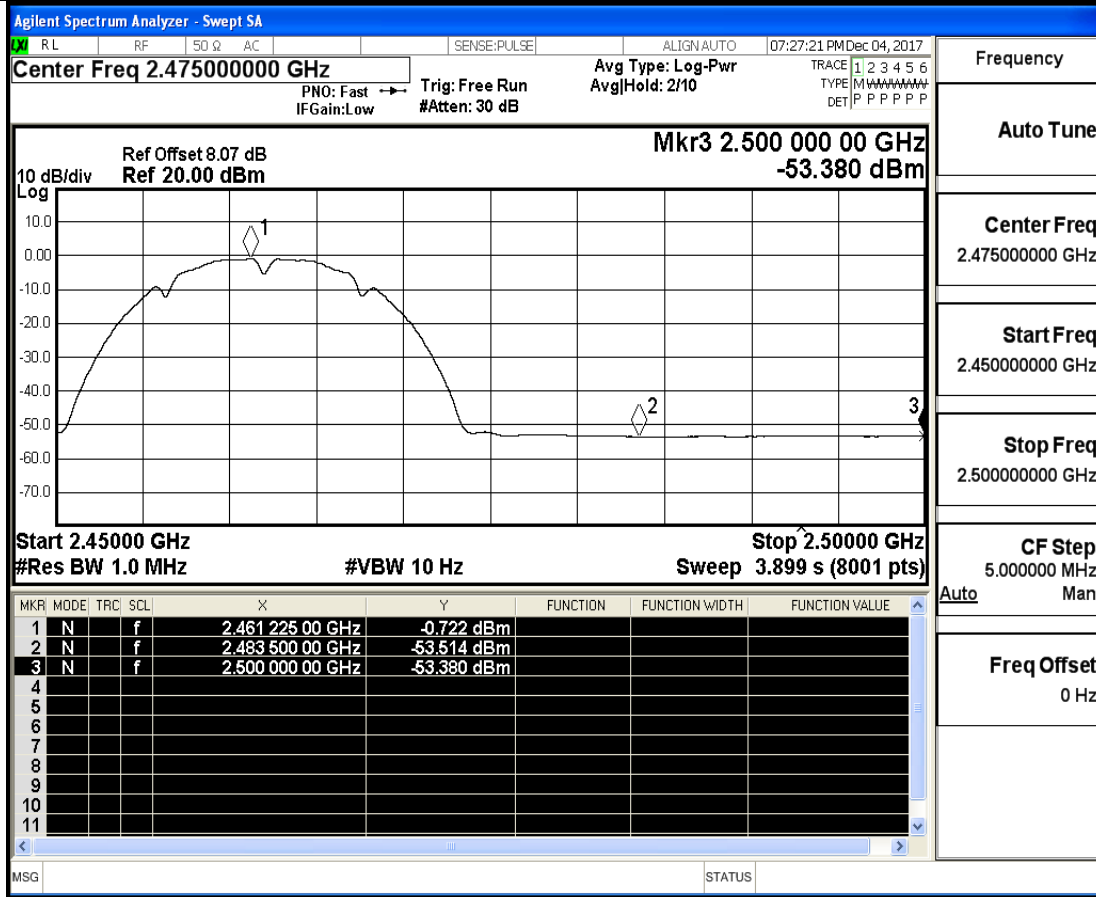
Restrict-band band-edge measurements\_11B\_2412\_Ant1\_AV



Restrict-band band-edge measurements\_11B\_2462\_Ant1\_PEAK



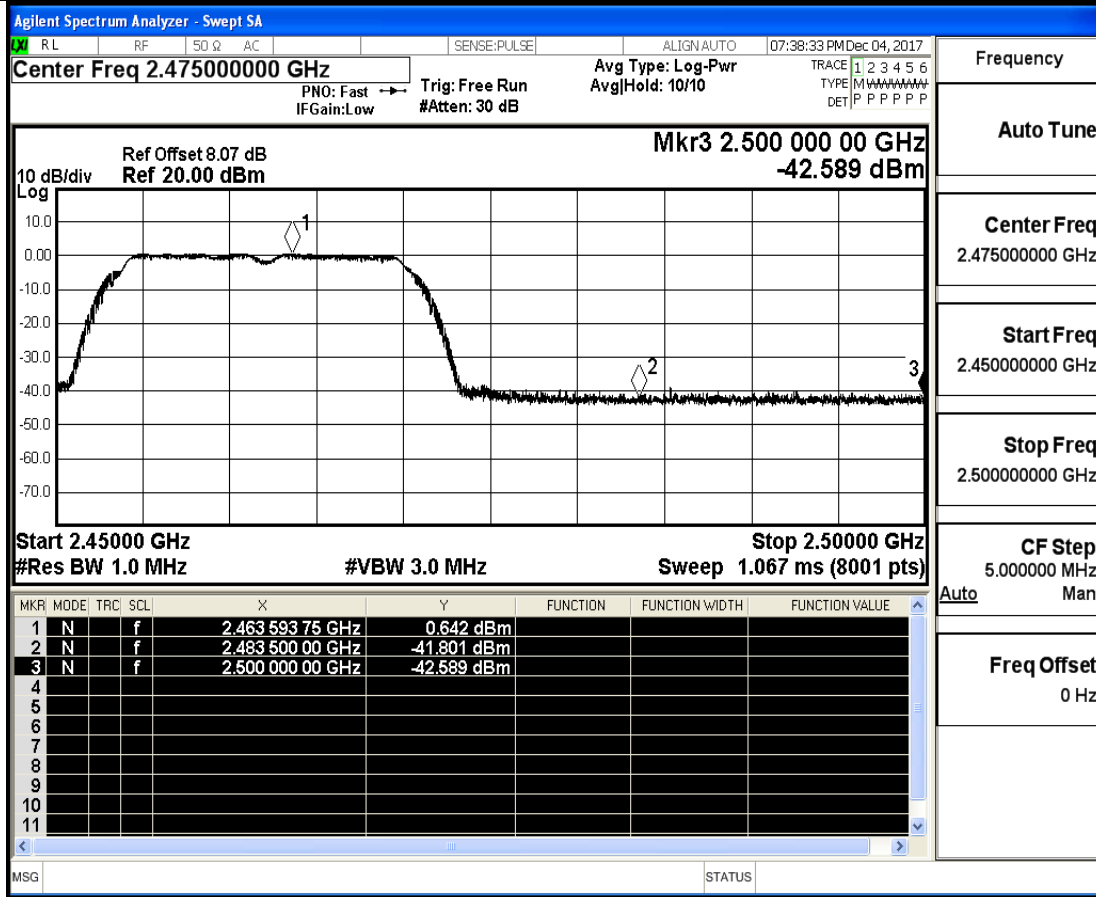
Restrict-band band-edge measurements\_11B\_2462\_Ant1\_AV



Restrict-band band-edge measurements\_11G\_2412\_Ant1\_PEAK



Restrict-band band-edge measurements\_11G\_2462\_Ant1\_PEAK

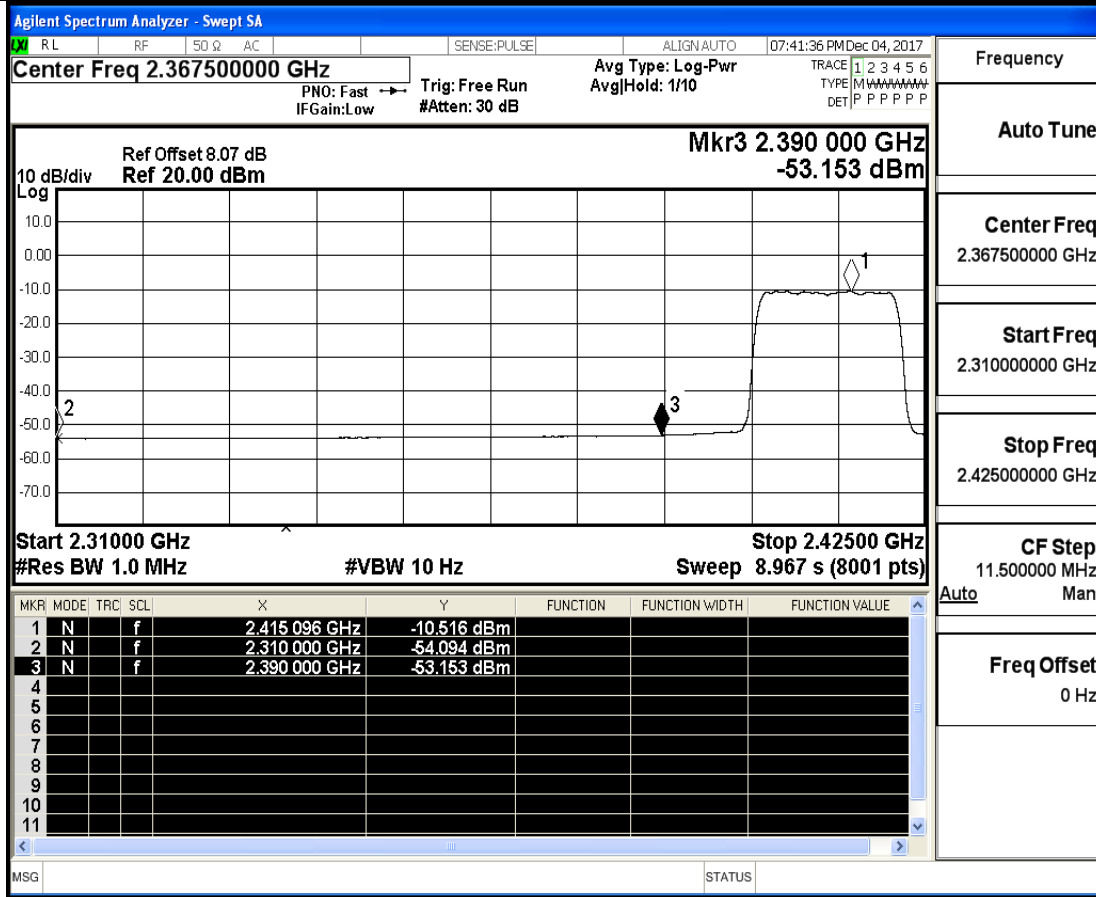


Restrict-band band-edge measurements\_11G\_2462\_Ant1\_AV





Restrict-band band-edge measurements\_11N20SISO\_2412\_Ant1\_AV



Restrict-band band-edge measurements\_11N20SISO\_2462\_Ant1\_PEAK



7.Duty Cycle

**Duty Cycle\_11B\_2437\_Ant1**

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN:AUTO 07:57:10 PM Dec 04, 2017

**Center Freq 2.437000000 GHz** Avg Type: Log-Pwr

PNO: Fast Trig: Free Run TRAC 1 2 3 4 5 6  
IFGain:Low #Atten: 40 dB TYPE WWWWWW  
DET P P P P P P

10 dB/div Ref 30.00 dBm

Log

20.0									
10.0									
0.00									
-10.0									
-20.0									
-30.0									
-40.0									
-50.0									
-60.0									

Center 2.437000000 GHz Span 0 Hz  
Res BW 8 MHz #VBW 50 MHz Sweep 20.27 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

**Auto Tune**

Center Freq  
2.437000000 GHz

Start Freq  
2.437000000 GHz

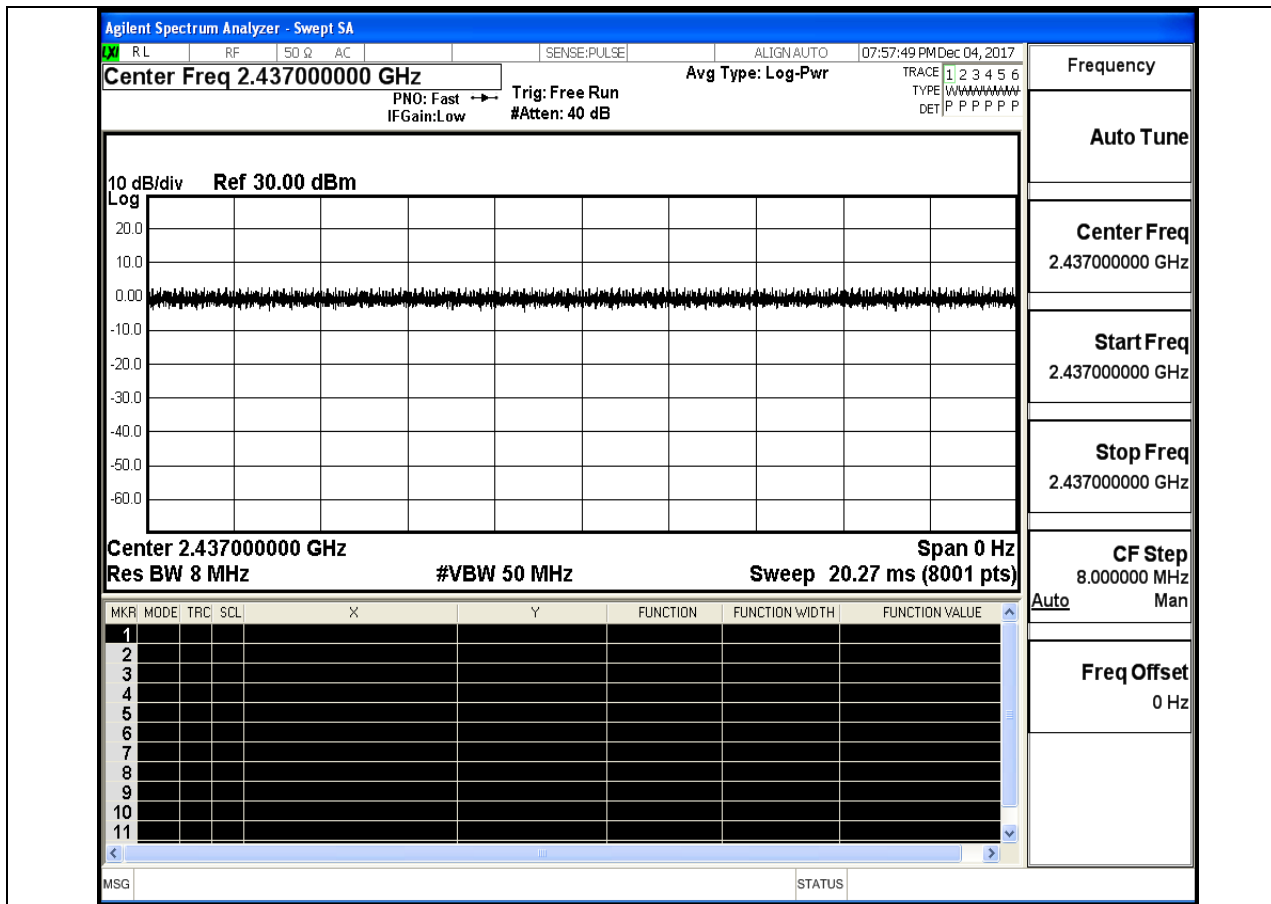
Stop Freq  
2.437000000 GHz

CF Step  
8.000000 MHz  
Auto Man

Freq Offset  
0 Hz

MSG STATUS

**Duty Cycle\_11G\_2437\_Ant1**



Duty Cycle\_11N20SISO\_2437\_Ant1

