

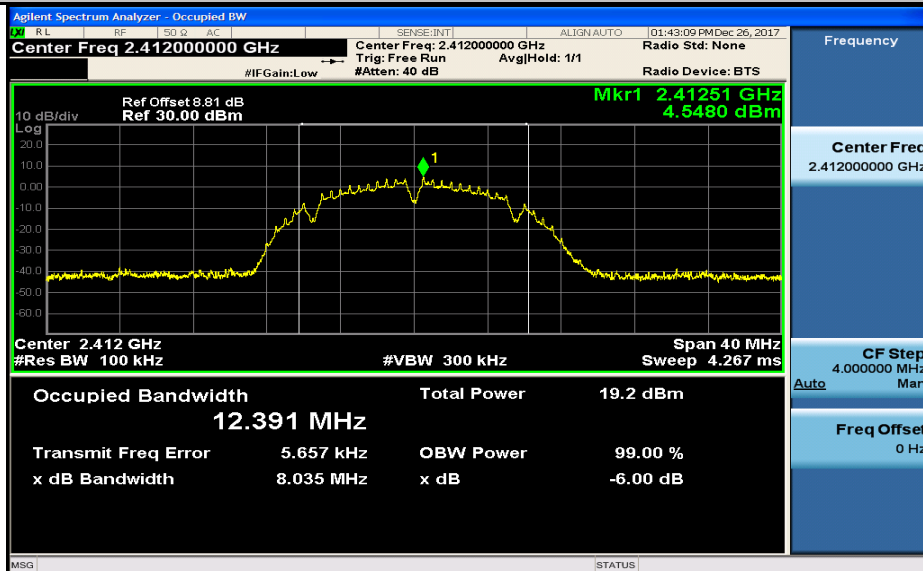


Appendix A for SZEM171201295701

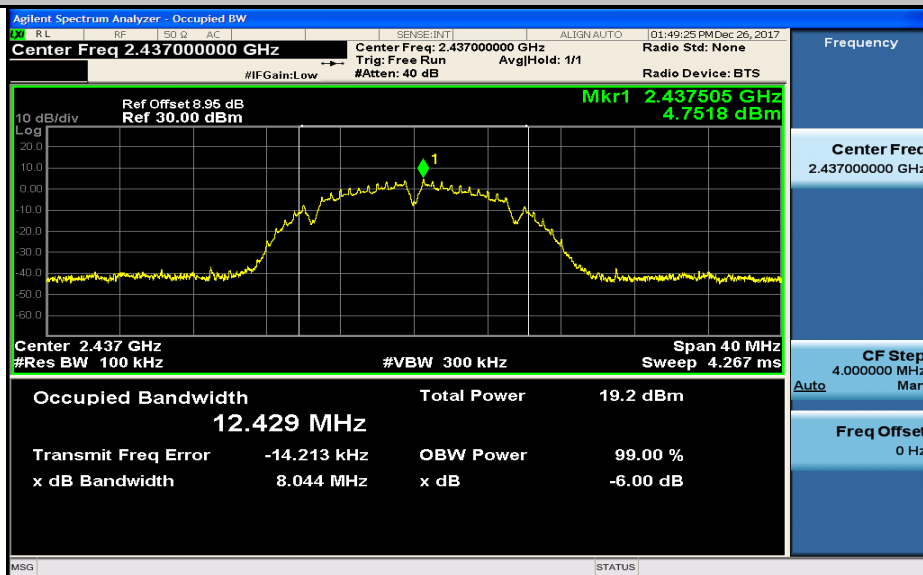
**1.6dB Bandwidth**

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	8.035	0.5	PASS
11B	2437	Ant1	8.044	0.5	PASS
11B	2462	Ant1	8.529	0.5	PASS
11G	2412	Ant1	14.47	0.5	PASS
11G	2437	Ant1	15.10	0.5	PASS
11G	2462	Ant1	15.09	0.5	PASS
11N20SISO	2412	Ant1	15.08	0.5	PASS
11N20SISO	2437	Ant1	16.03	0.5	PASS
11N20SISO	2462	Ant1	16.06	0.5	PASS

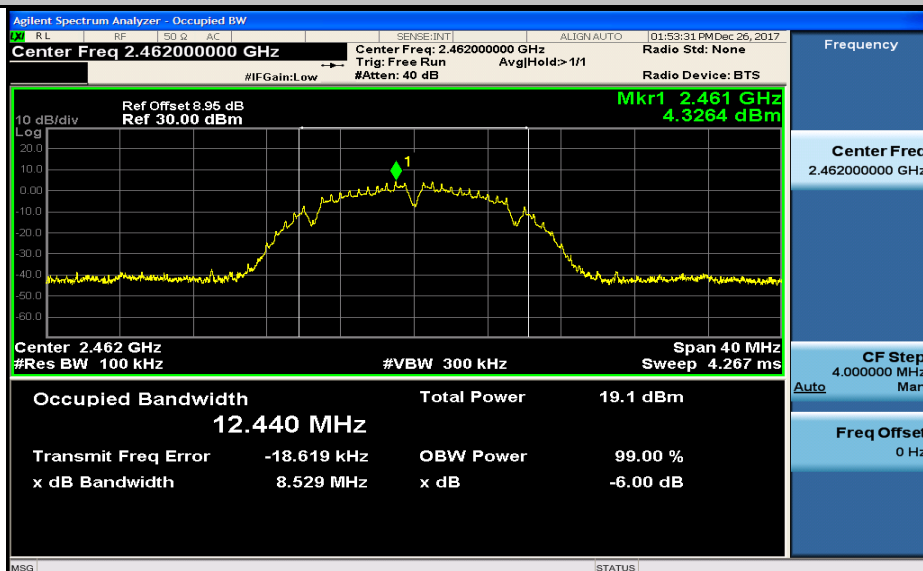
6dB Bandwidth\_11B\_2412\_Ant1



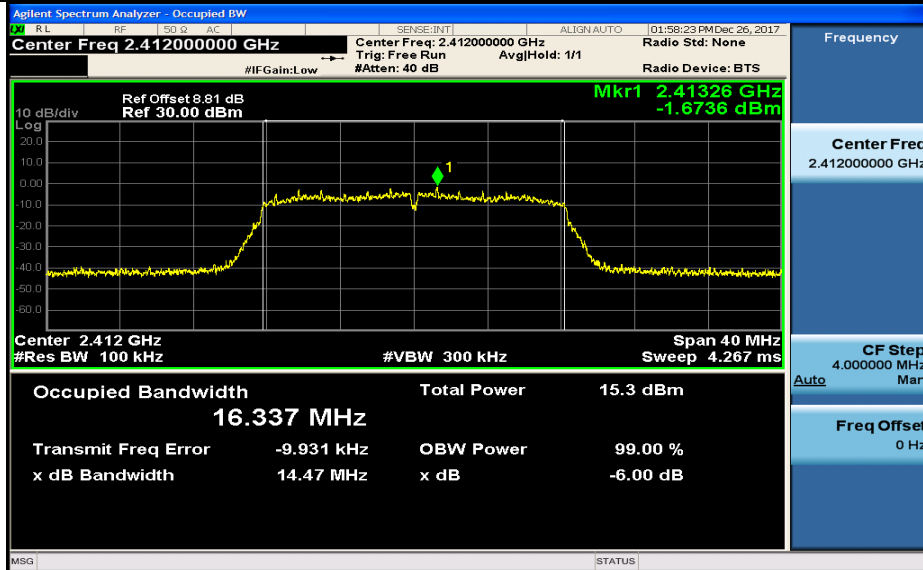
6dB Bandwidth\_11B\_2437\_Ant1



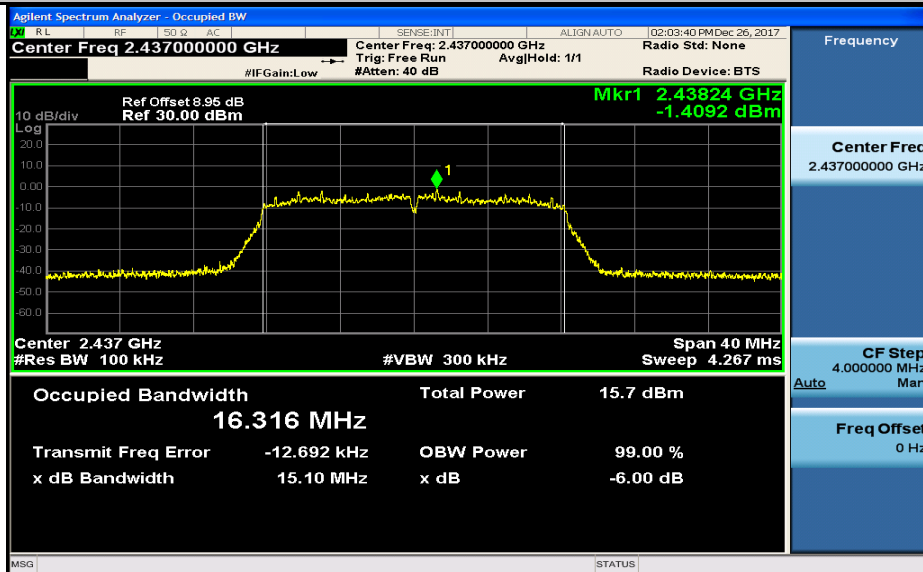
6dB Bandwidth\_11B\_2462\_Ant1



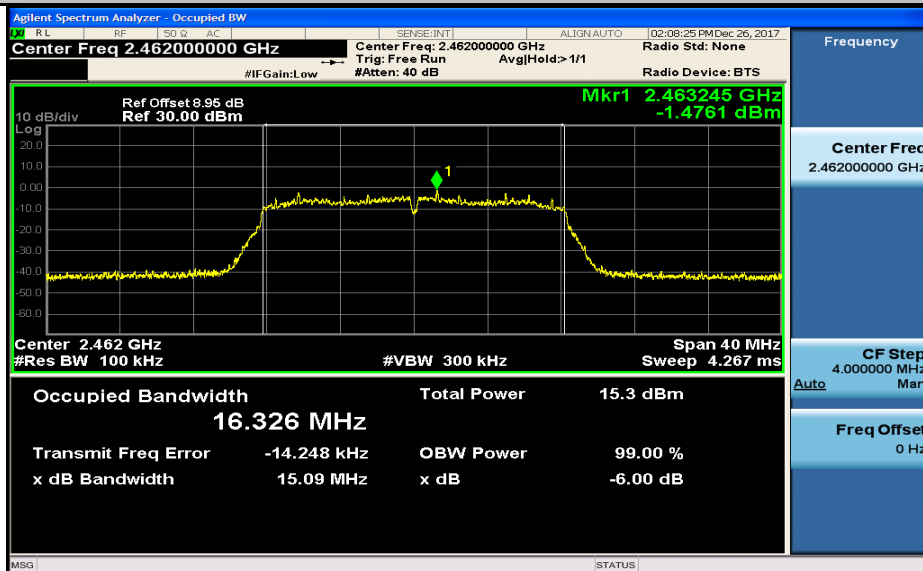
6dB Bandwidth\_11G\_2412\_Ant1



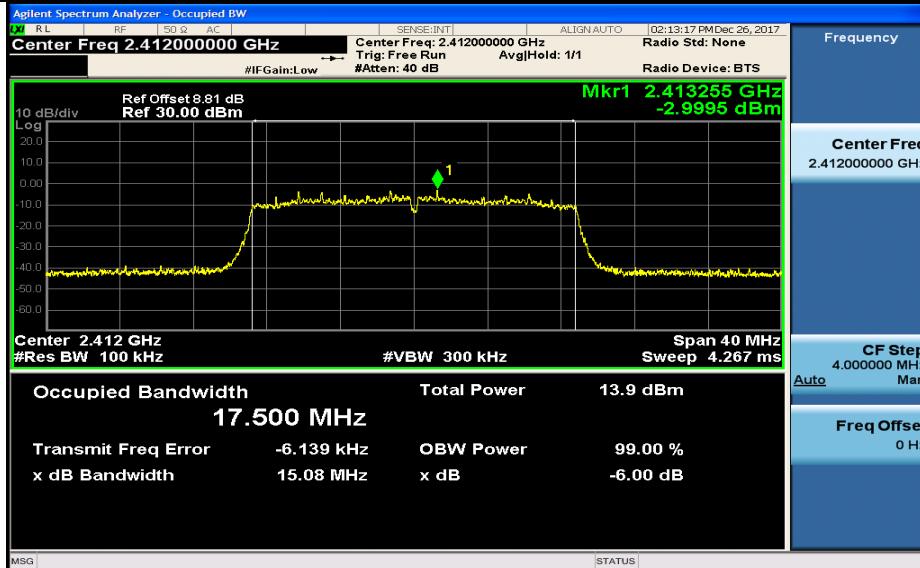
6dB Bandwidth\_11G\_2437\_Ant1



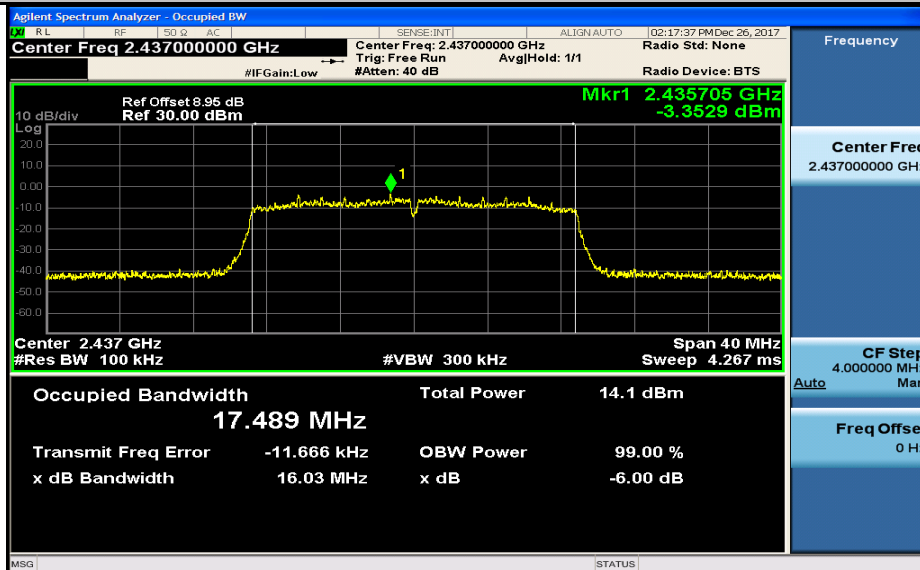
6dB Bandwidth\_11G\_2462\_Ant1



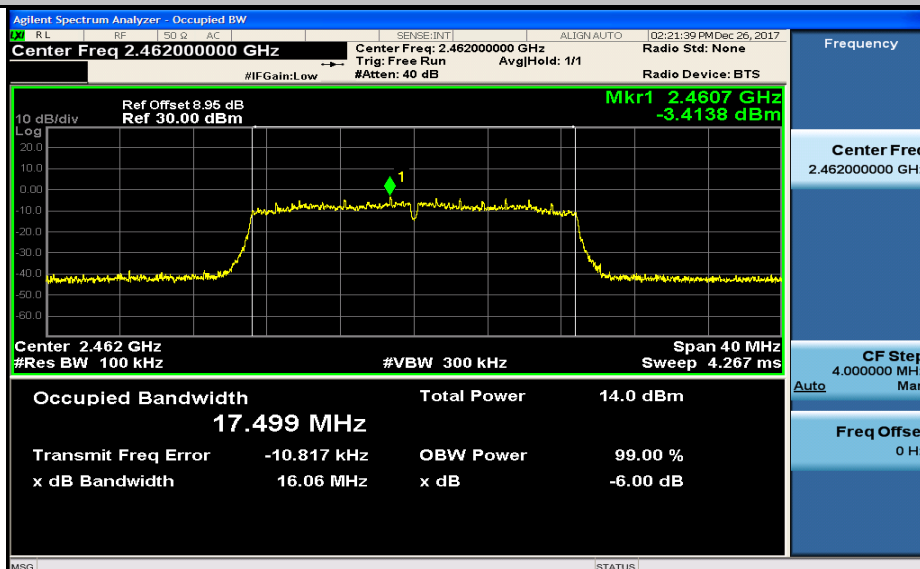
6dB Bandwidth\_11N20SISO\_2412\_Ant1



6dB Bandwidth\_11N20SISO\_2437\_Ant1



6dB Bandwidth\_11N20SISO\_2462\_Ant1

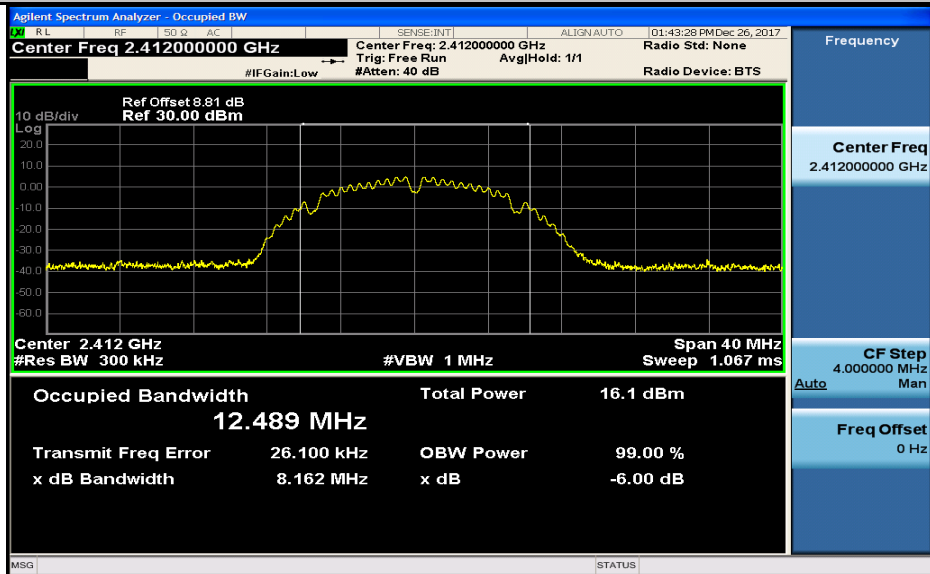




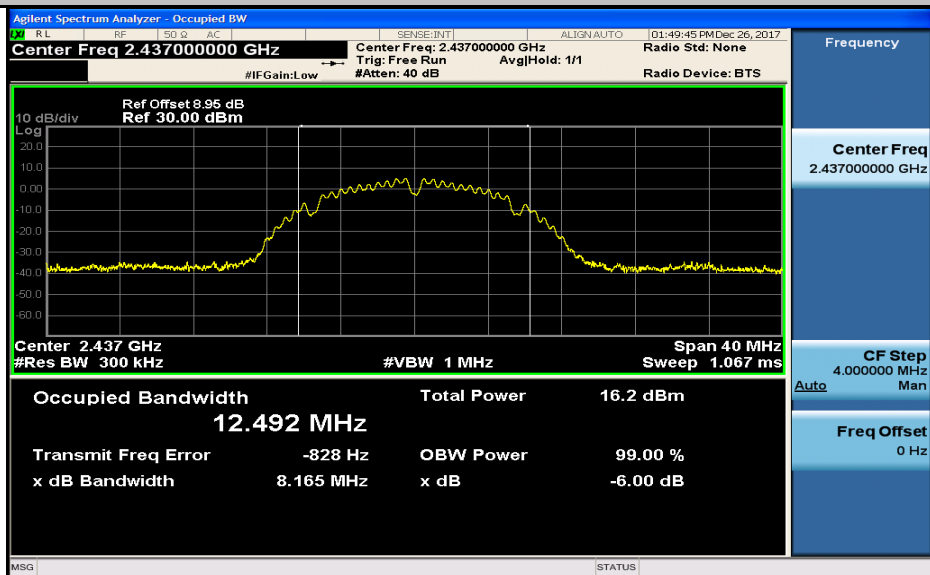
**2.99% Occupied Bandwidth**

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	12.489	---	PASS
11B	2437	Ant1	12.492	---	PASS
11B	2462	Ant1	12.501	---	PASS
11G	2412	Ant1	16.495	---	PASS
11G	2437	Ant1	16.475	---	PASS
11G	2462	Ant1	16.504	---	PASS
11N20SISO	2412	Ant1	17.518	---	PASS
11N20SISO	2437	Ant1	17.497	---	PASS
11N20SISO	2462	Ant1	17.512	---	PASS

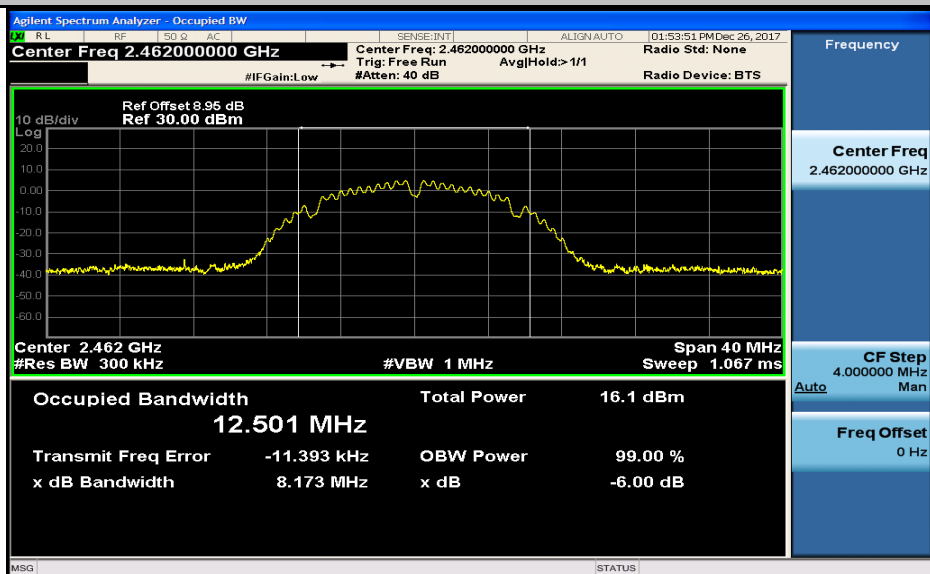
### Occupied Bandwidth\_11B\_2412



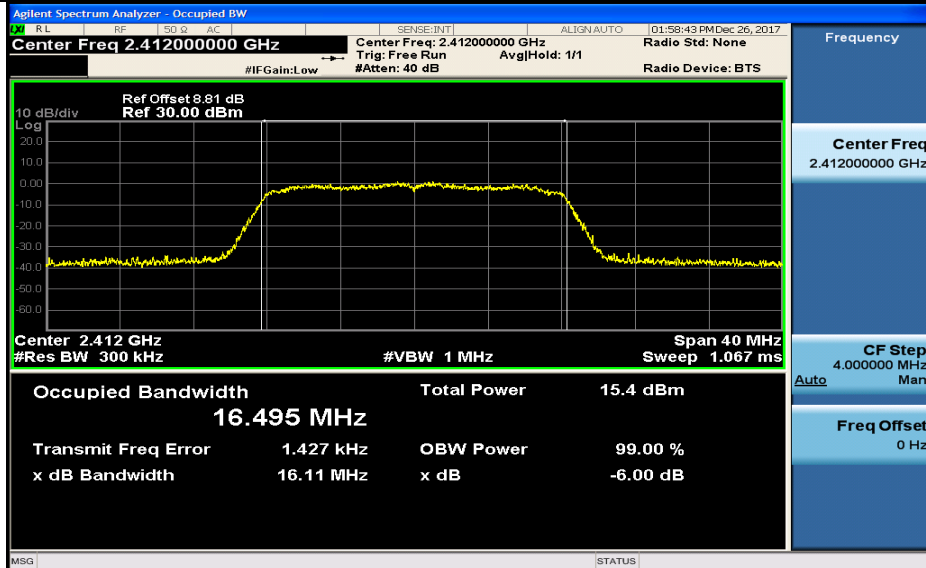
### Occupied Bandwidth\_11B\_2437



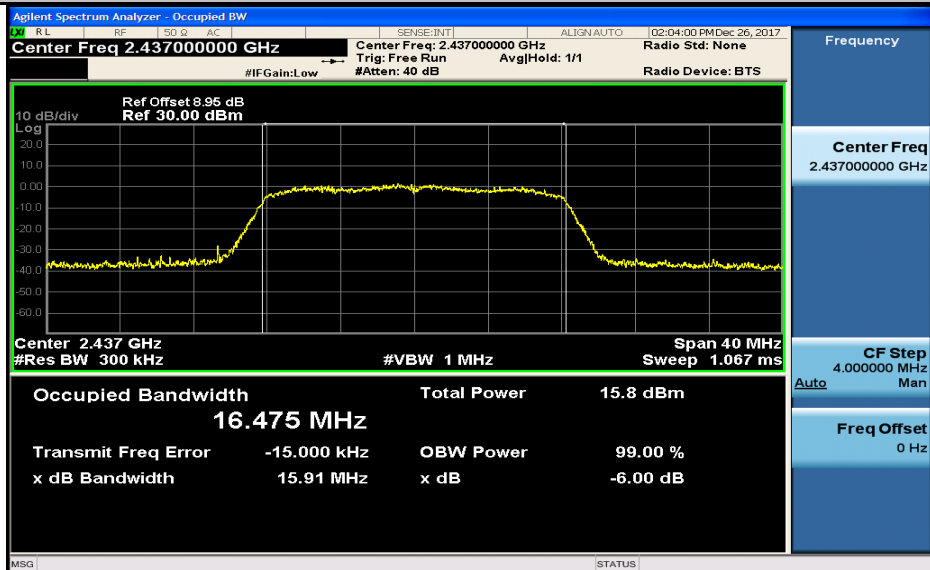
### Occupied Bandwidth\_11B\_2462



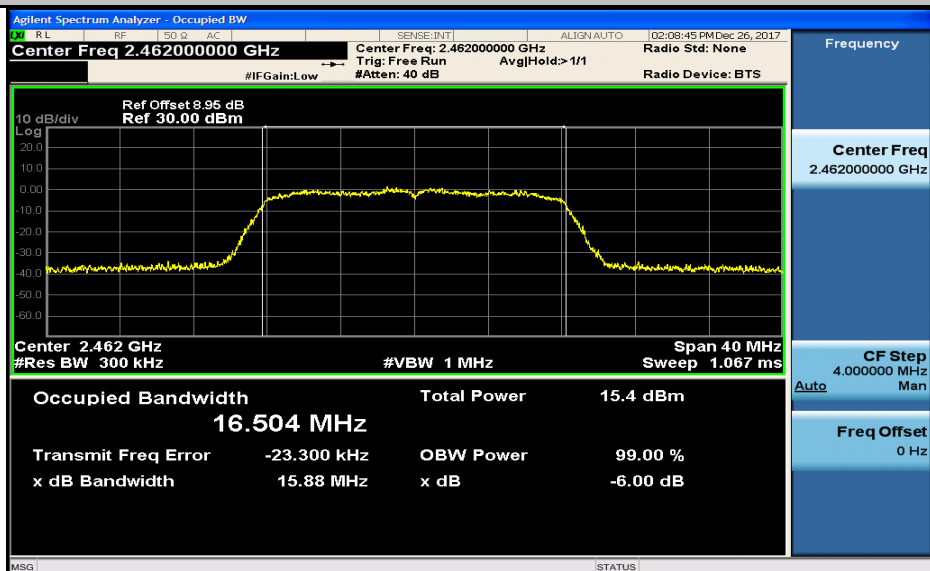
### Occupied Bandwidth\_11G\_2412



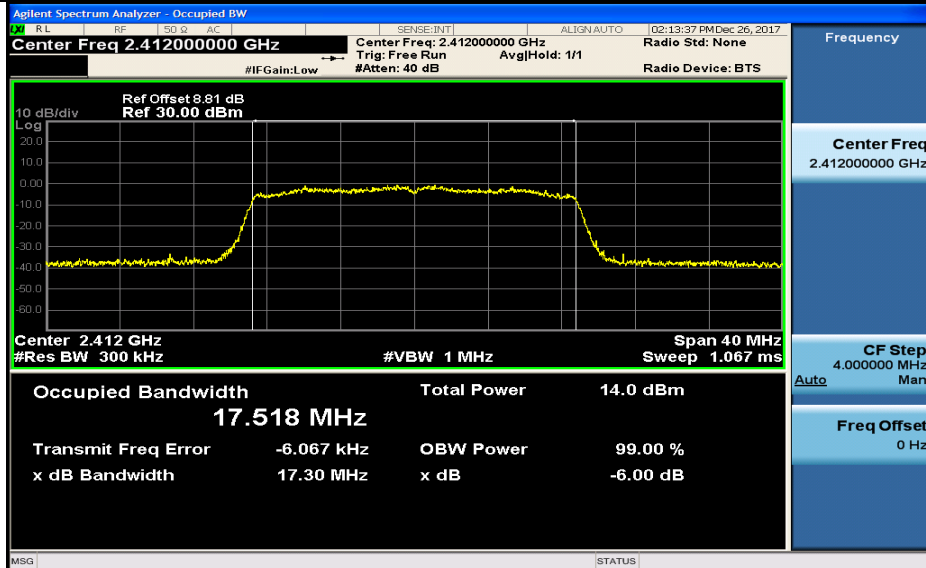
### Occupied Bandwidth\_11G\_2437



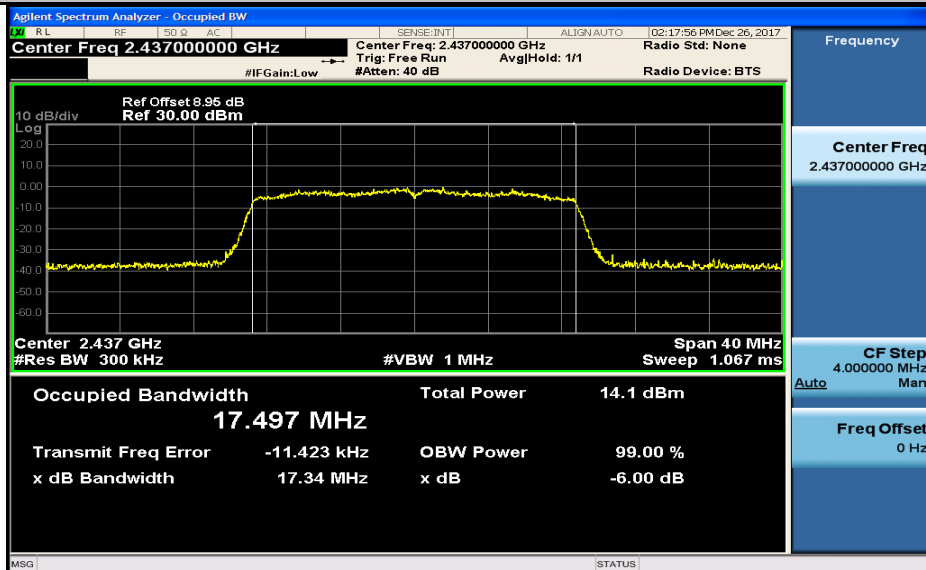
### Occupied Bandwidth\_11G\_2462



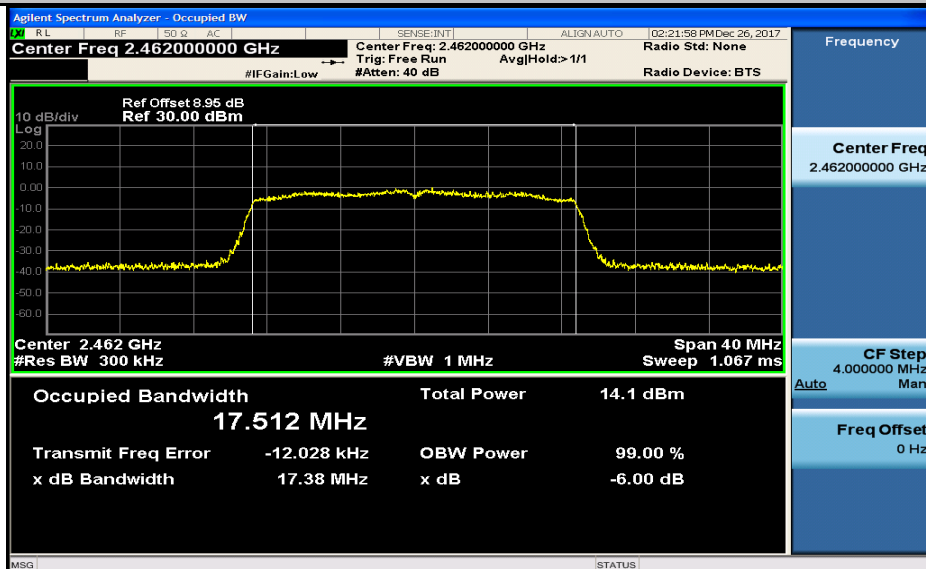
### Occupied Bandwidth\_11N20SISO\_2412



### Occupied Bandwidth\_11N20SISO\_2437



### Occupied Bandwidth\_11N20SISO\_2462



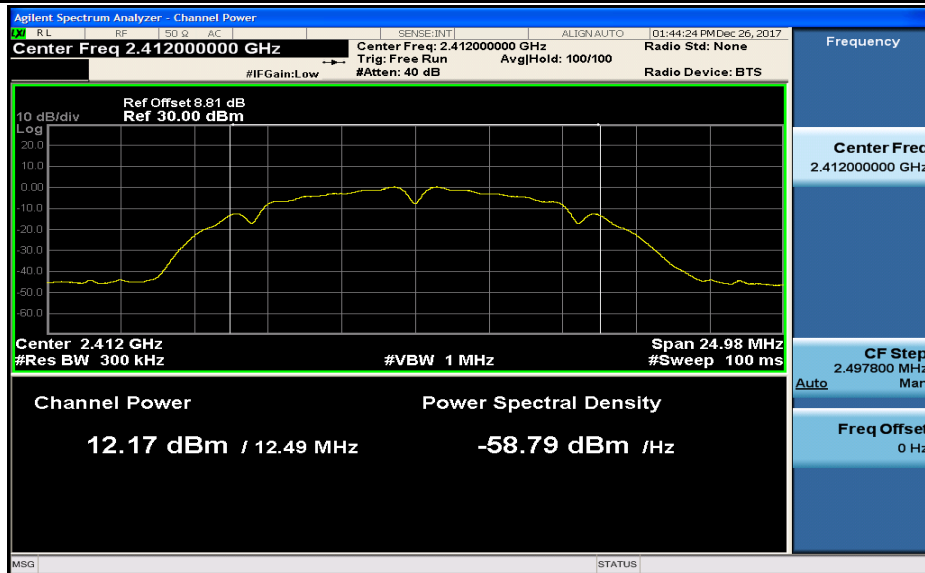




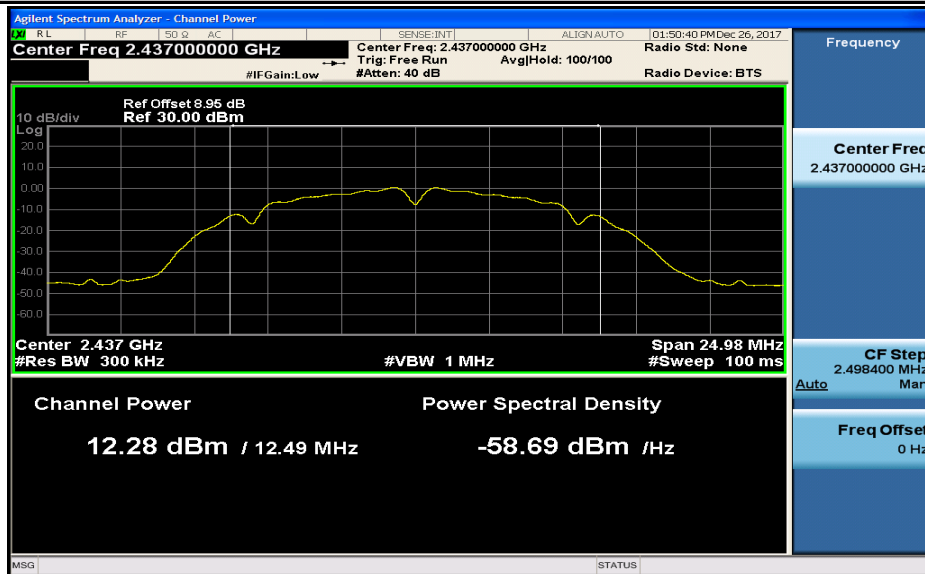
**3.Maximum conducted (average) output power**

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	12.17	0.00	12.17	30	PASS
11B	2437	Ant1	12.28	0.00	12.28	30	PASS
11B	2462	Ant1	12.16	0.00	12.16	30	PASS
11G	2412	Ant1	8.81	0.22	9.03	30	PASS
11G	2437	Ant1	9.1	0.21	9.31	30	PASS
11G	2462	Ant1	8.81	0.22	9.03	30	PASS
11N20SISO	2412	Ant1	7.33	0.23	7.56	30	PASS
11N20SISO	2437	Ant1	7.42	0.23	7.65	30	PASS
11N20SISO	2462	Ant1	7.43	0.23	7.66	30	PASS

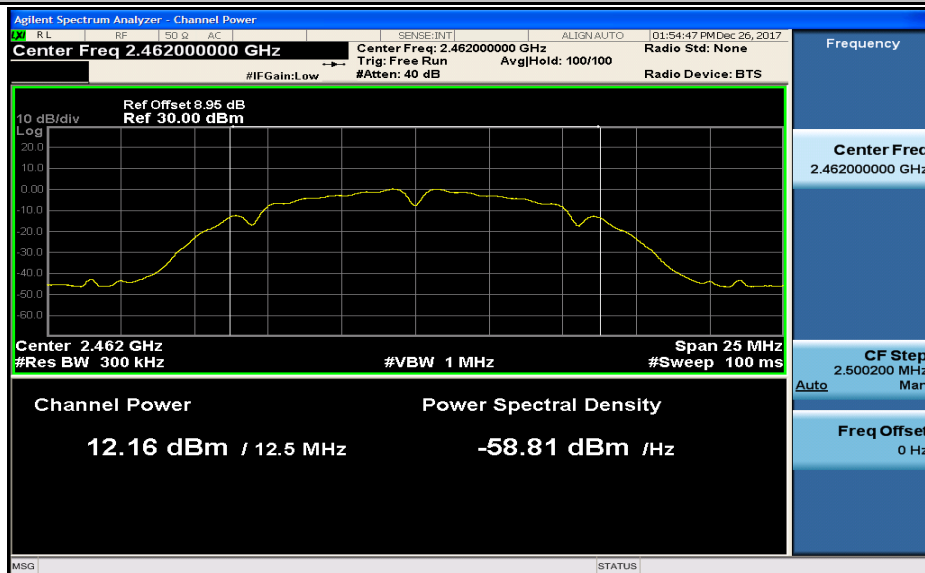
Maximum conducted (average) output power\_11B\_2412



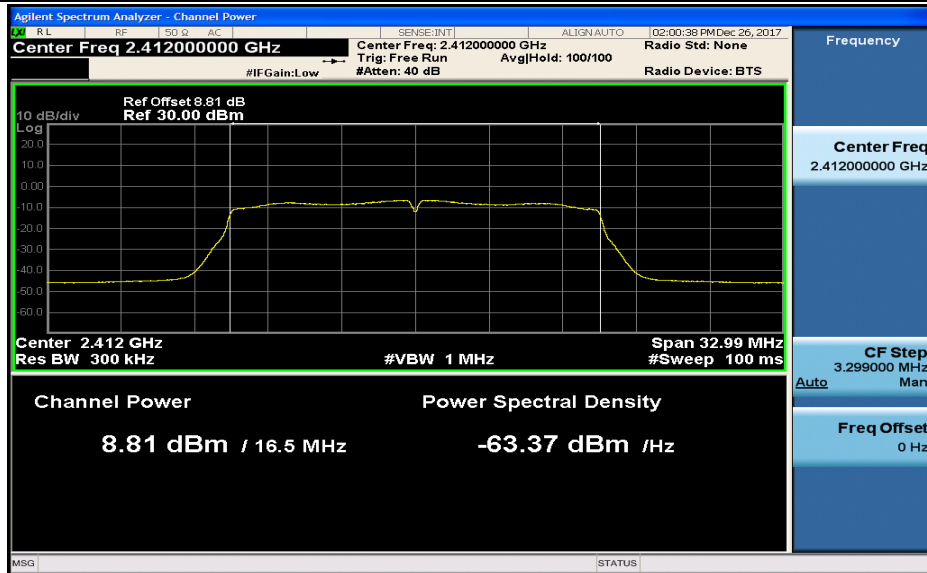
Maximum conducted (average) output power\_11B\_2437



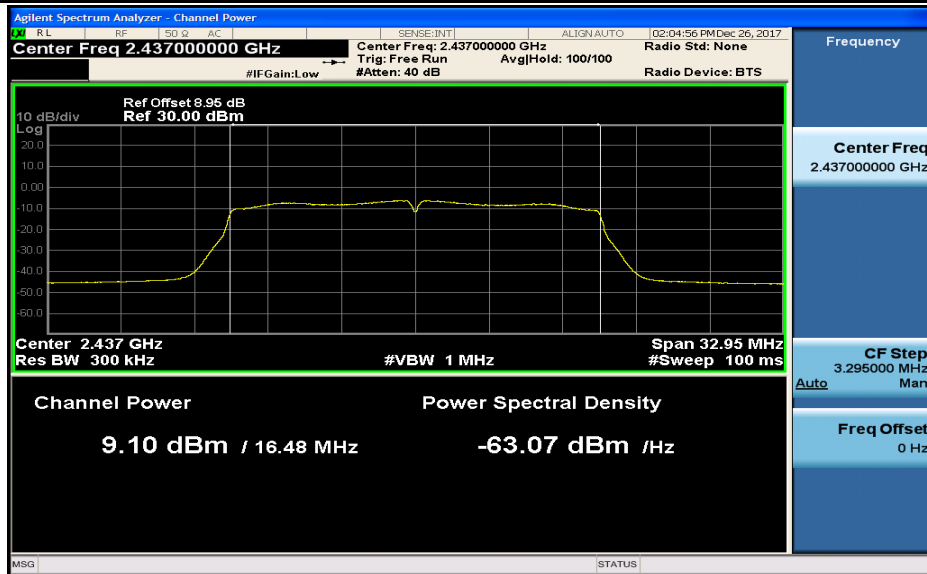
Maximum conducted (average) output power\_11B\_2462



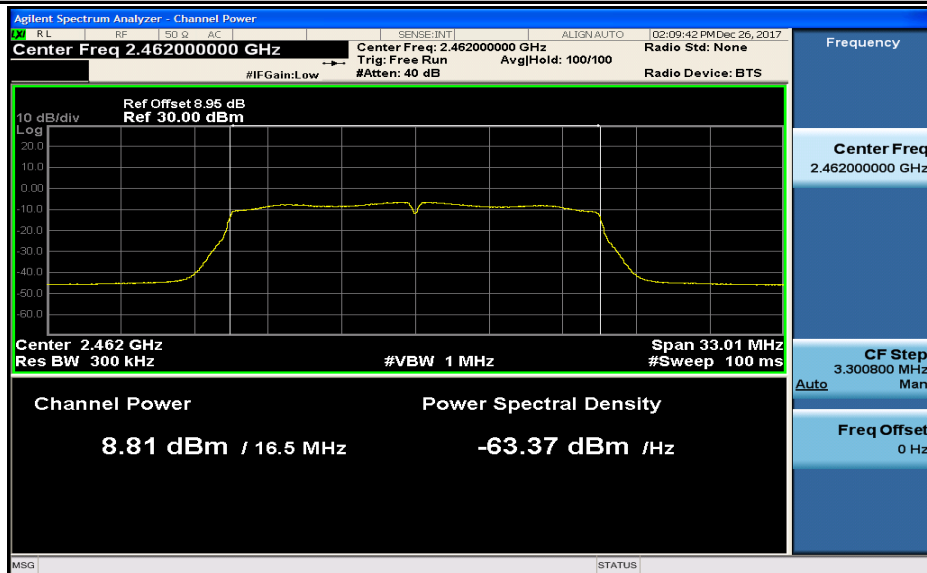
Maximum conducted (average) output power\_11G\_2412



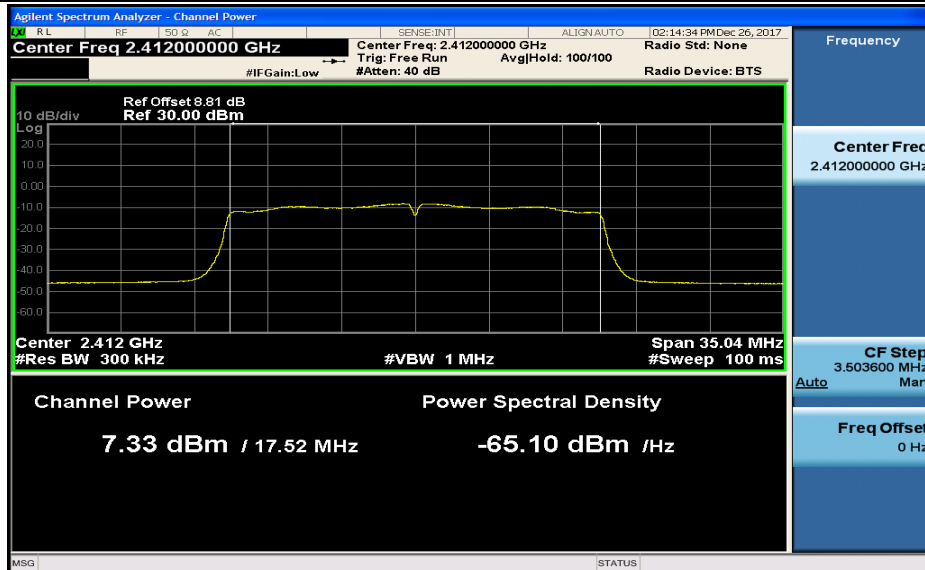
Maximum conducted (average) output power\_11G\_2437



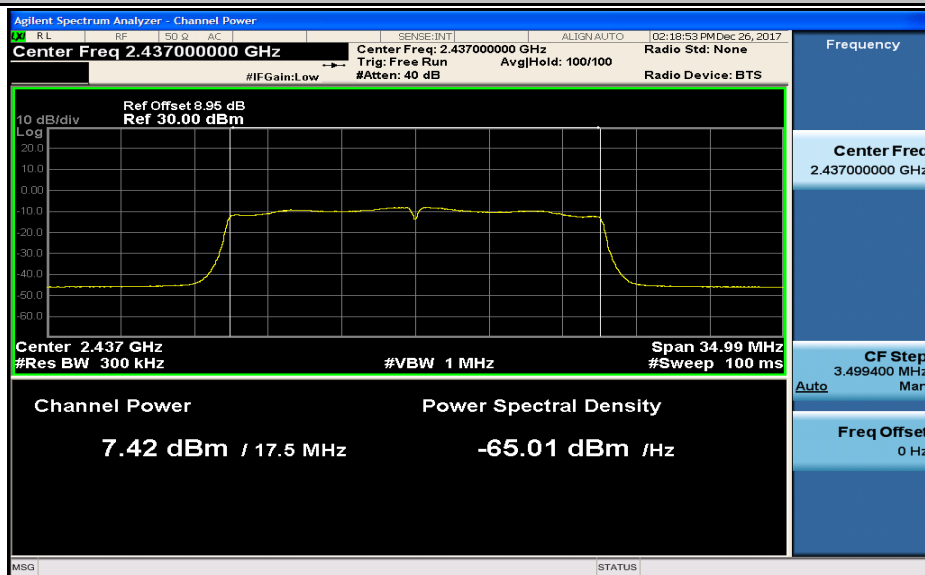
Maximum conducted (average) output power\_11G\_2462



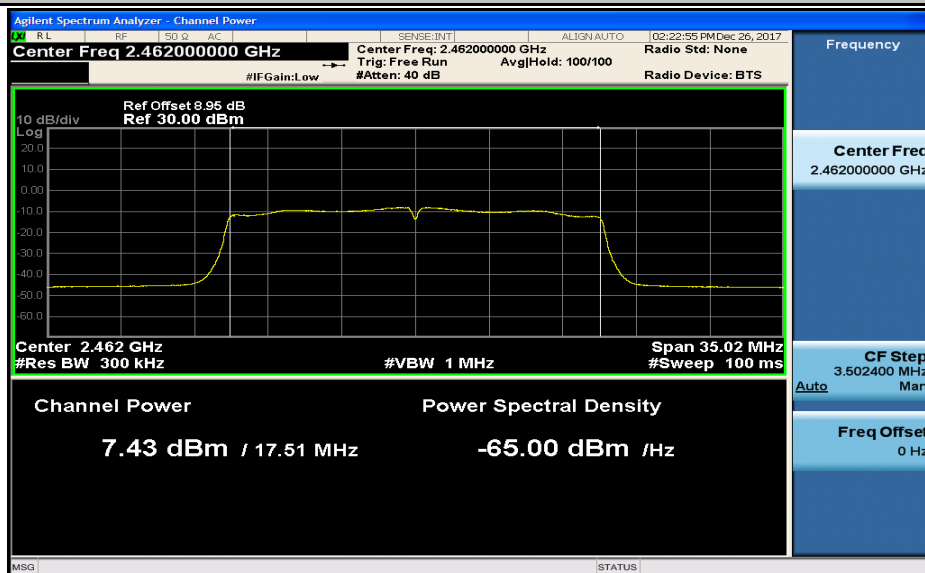
Maximum conducted (average) output power\_11N20ISO\_2412



Maximum conducted (average) output power\_11N20ISO\_2437



Maximum conducted (average) output power\_11N20ISO\_2462

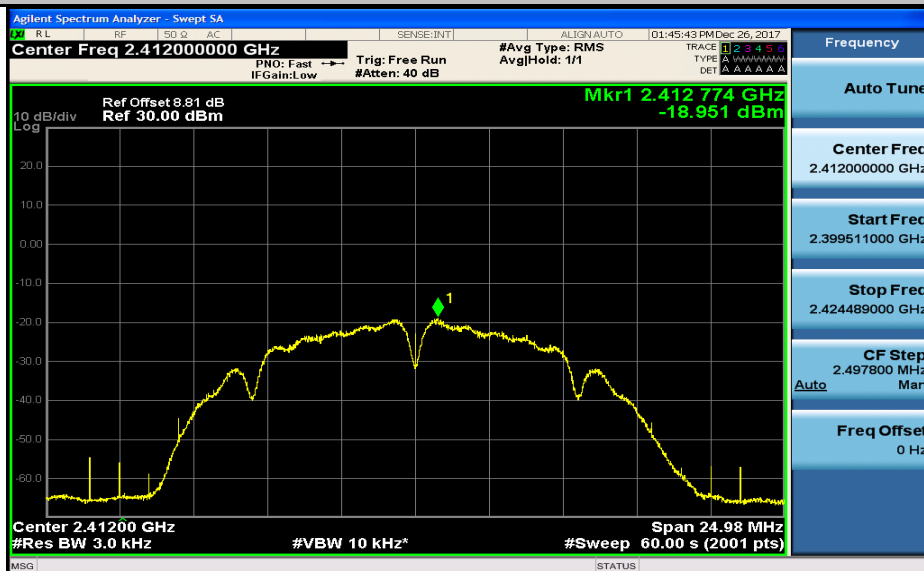




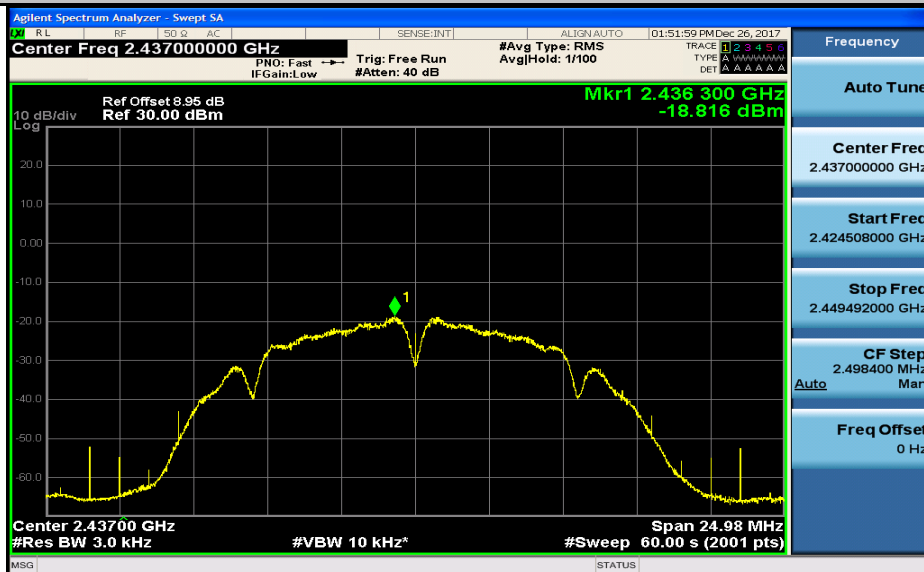
**4.Maximum(average) power spectral density**

Test Mode	Test Channel	Ant	Level [dBm/MHz]	10log(1/x) Factor[dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11B	2412	Ant1	-18.951	0	-18.951	8.00	PASS
11B	2437	Ant1	-18.816	0	-18.816	8.00	PASS
11B	2462	Ant1	-18.764	0	-18.764	8.00	PASS
11G	2412	Ant1	-24.286	0.22	-24.066	8.00	PASS
11G	2437	Ant1	-23.96	0.21	-23.75	8.00	PASS
11G	2462	Ant1	-24.37	0.22	-24.15	8.00	PASS
11N20SISO	2412	Ant1	-26.083	0.23	-25.853	8.00	PASS
11N20SISO	2437	Ant1	-26.215	0.23	-25.985	8.00	PASS
11N20SISO	2462	Ant1	-25.918	0.23	-25.688	8.00	PASS

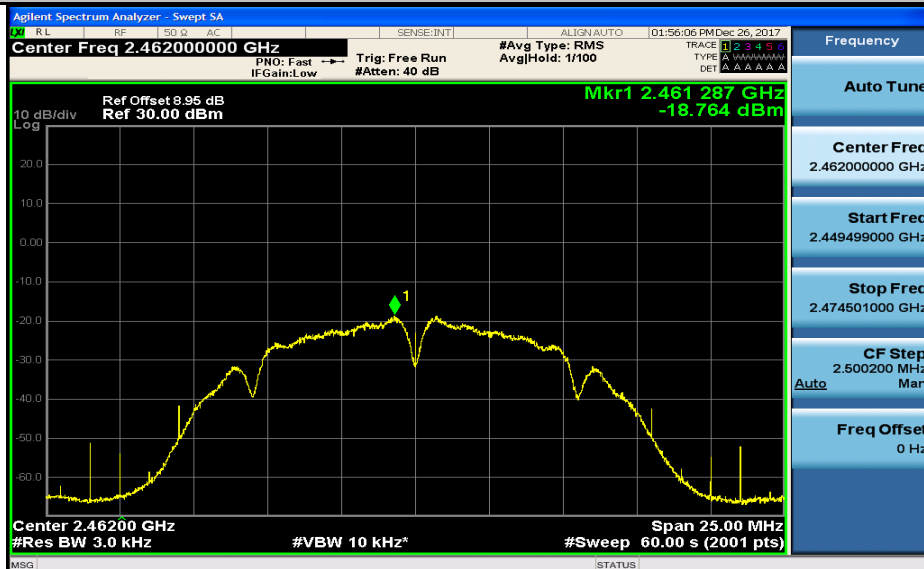
Maximum(average) power spectral density\_11B\_2412



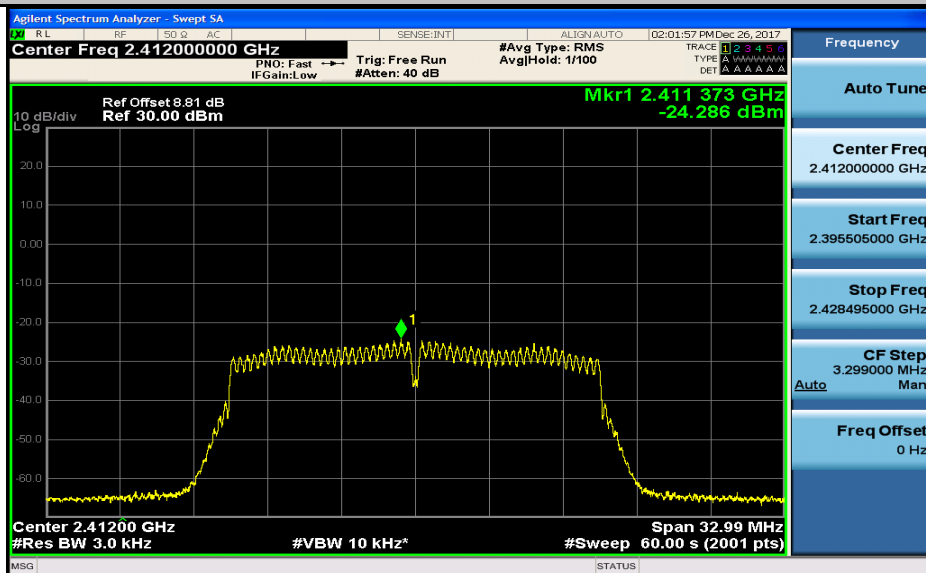
Maximum(average) power spectral density\_11B\_2437



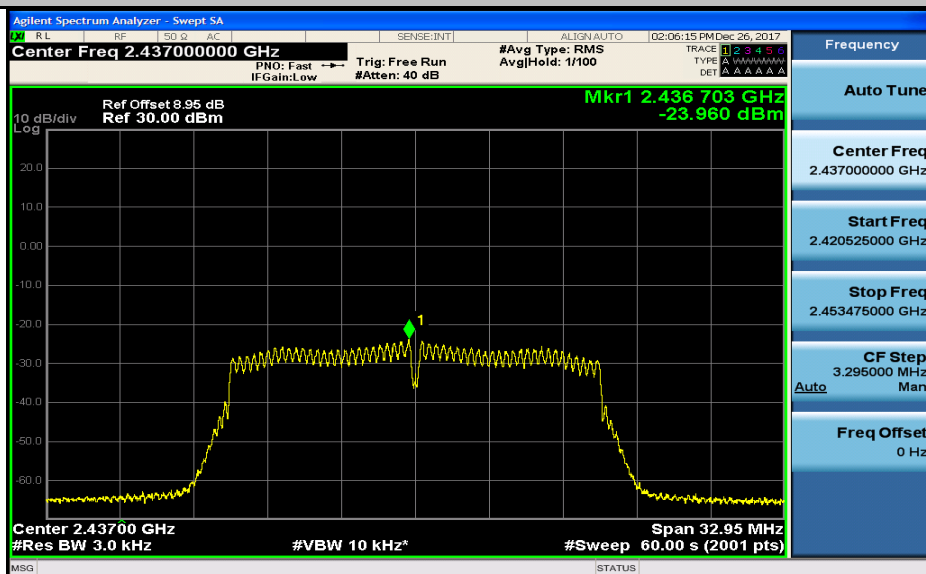
Maximum(average) power spectral density\_11B\_2462



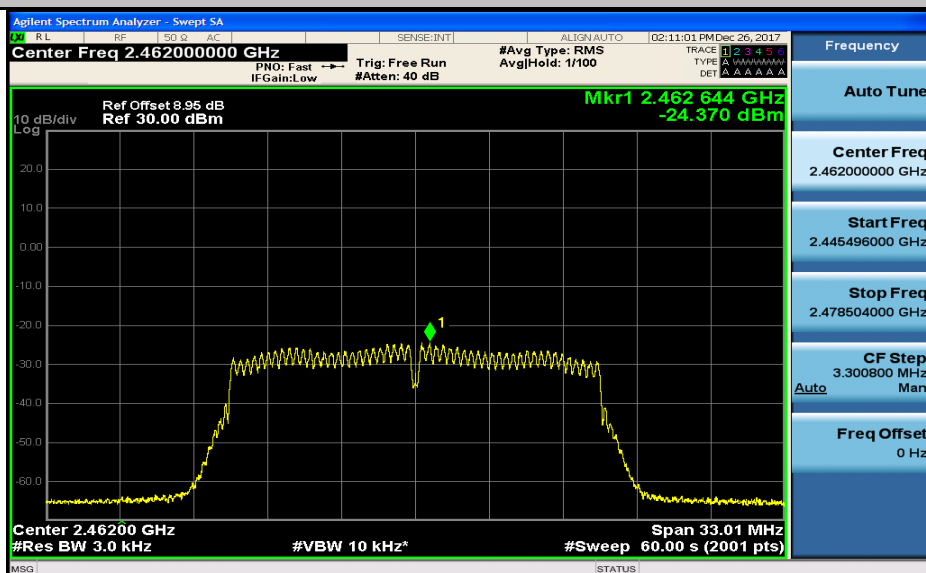
Maximum(average) power spectral density\_11G\_2412



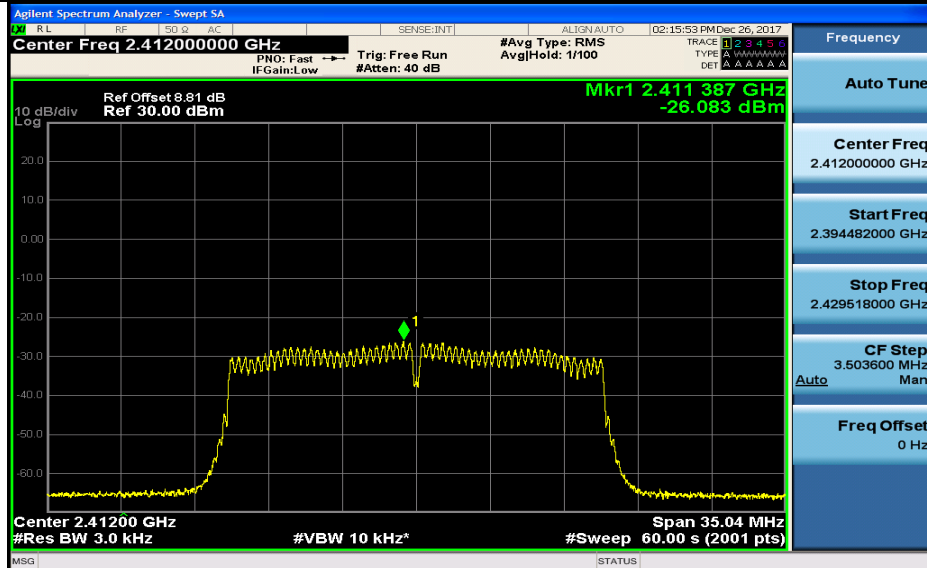
Maximum(average) power spectral density\_11G\_2437



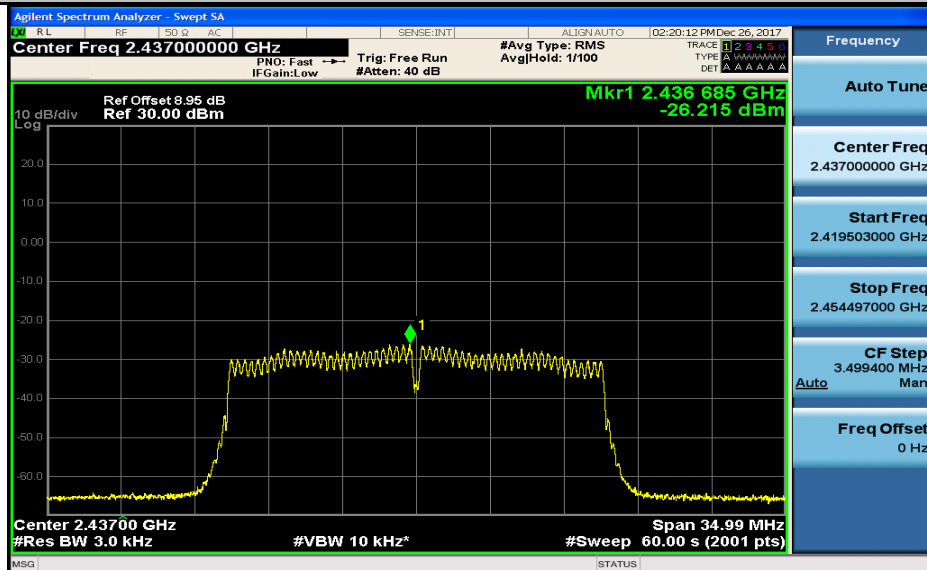
Maximum(average) power spectral density\_11G\_2462



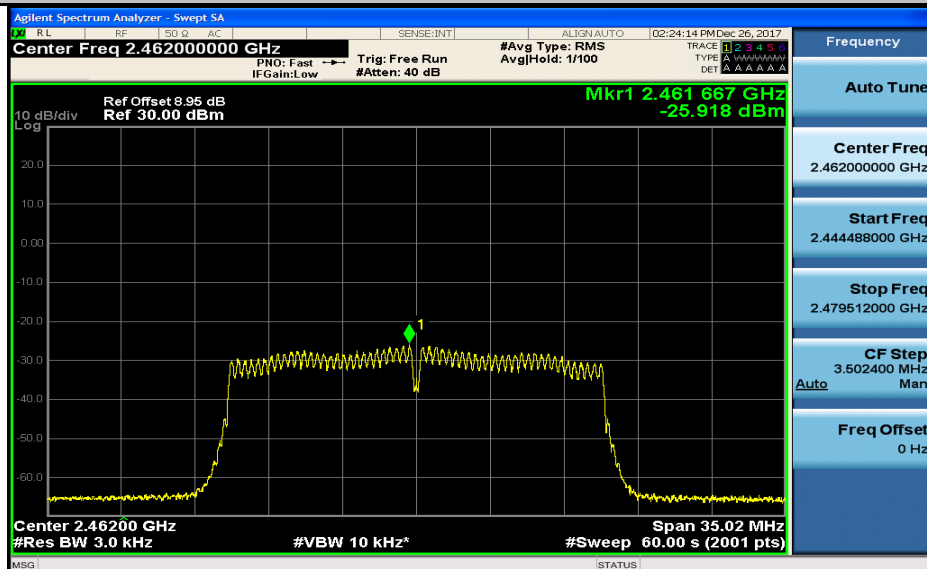
Maximum(average) power spectral density\_11N20SISO\_2412



Maximum(average) power spectral density\_11N20SISO\_2437



Maximum(average) power spectral density\_11N20SISO\_2462



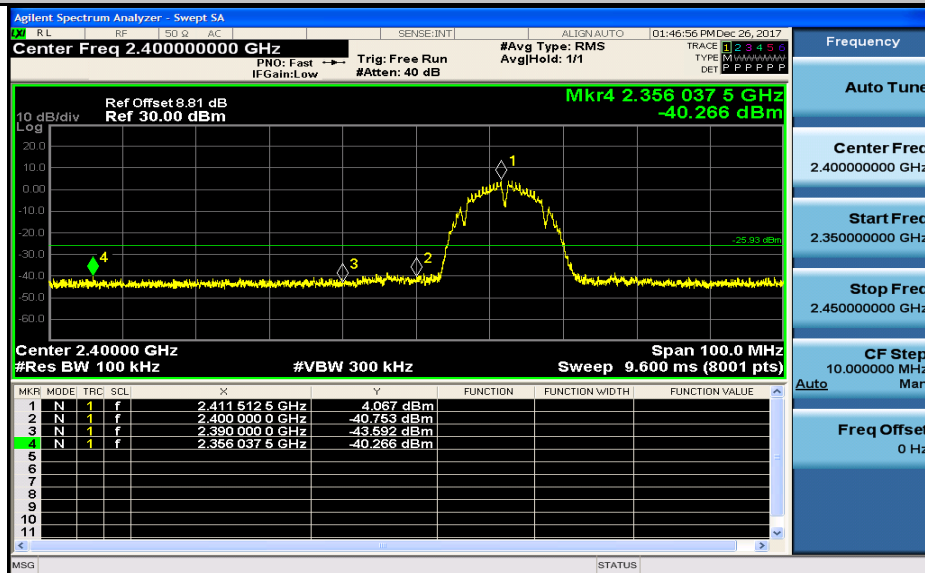




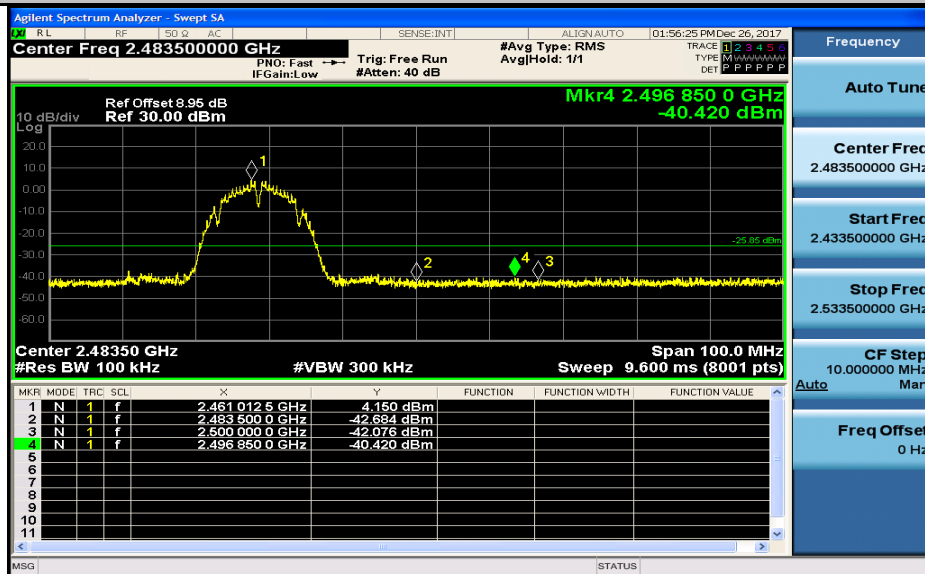
**5.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	4.067	-40.266	-25.93	PASS
11B	2462	Ant1	4.150	-40.420	-25.85	PASS
11G	2412	Ant1	-1.295	-39.815	-31.3	PASS
11G	2462	Ant1	-1.934	-40.490	-31.93	PASS
11N20SISO	2412	Ant1	-3.977	-40.881	-33.98	PASS
11N20SISO	2462	Ant1	-3.325	-40.828	-33.33	PASS

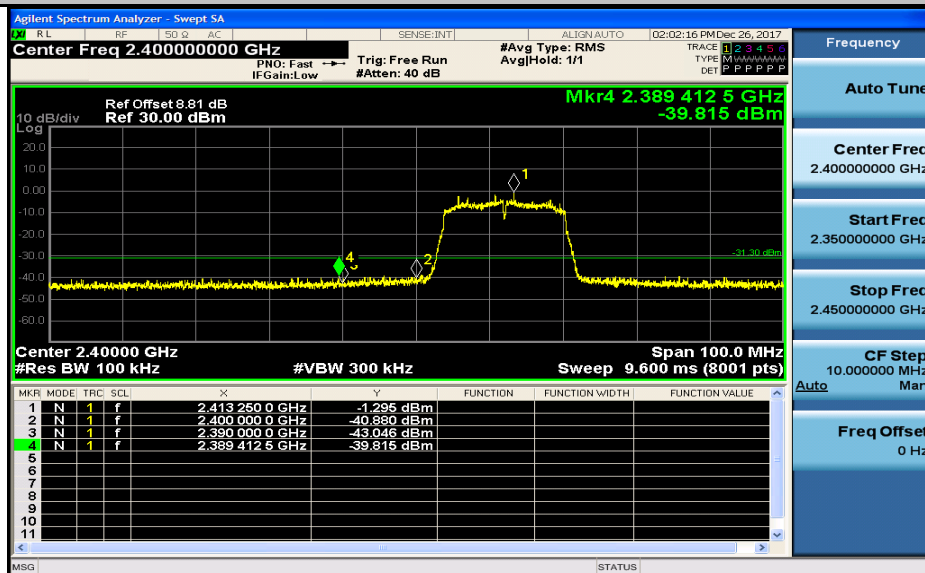
Band-edge for RF Conducted Emissions\_11B\_2412\_Ant1



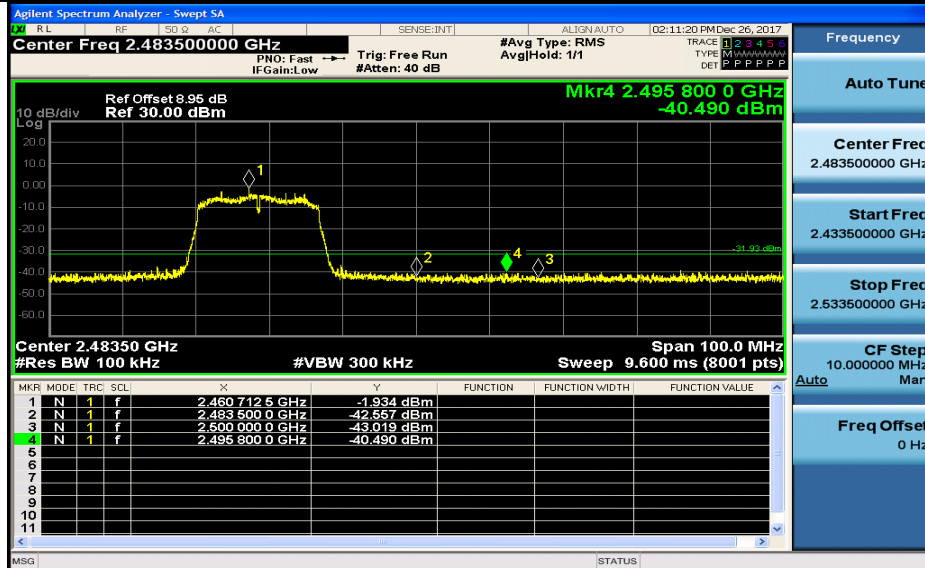
Band-edge for RF Conducted Emissions\_11B\_2462\_Ant1



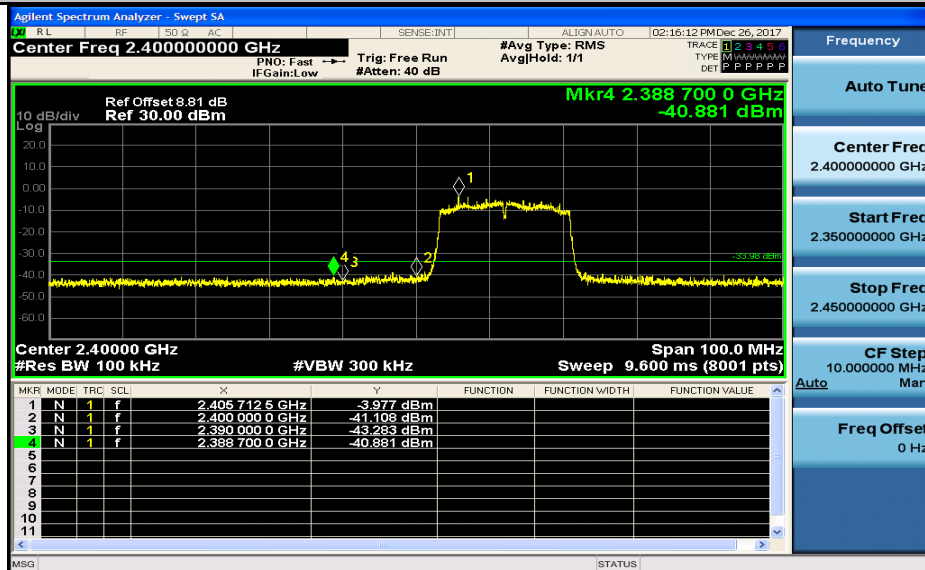
Band-edge for RF Conducted Emissions\_11G\_2412\_Ant1



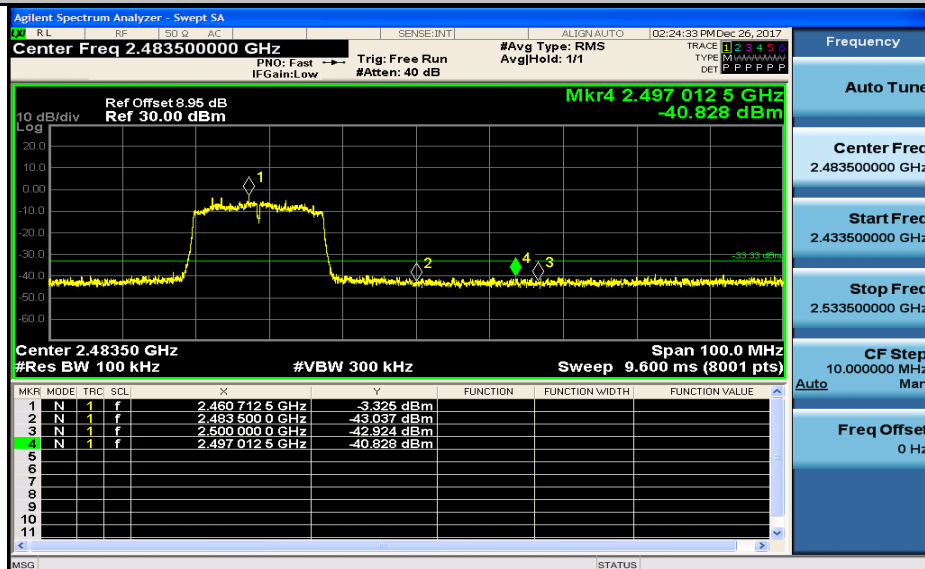
## Band-edge for RF Conducted Emissions\_11G\_2462\_Ant1



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



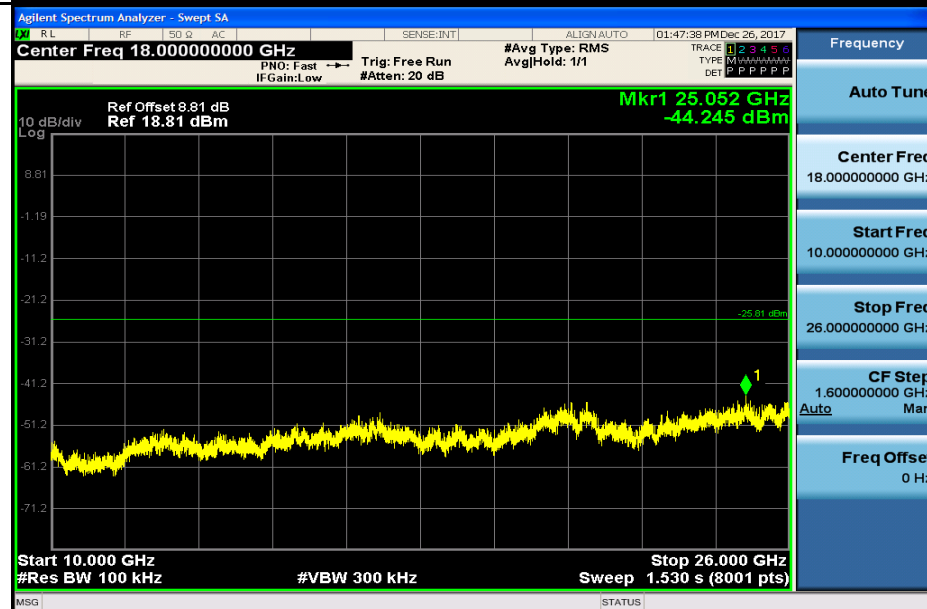
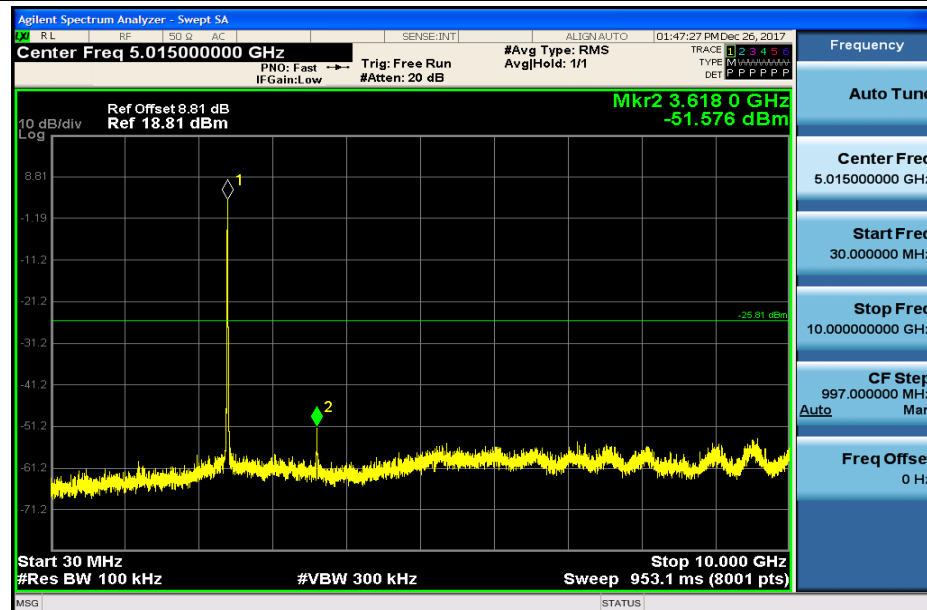
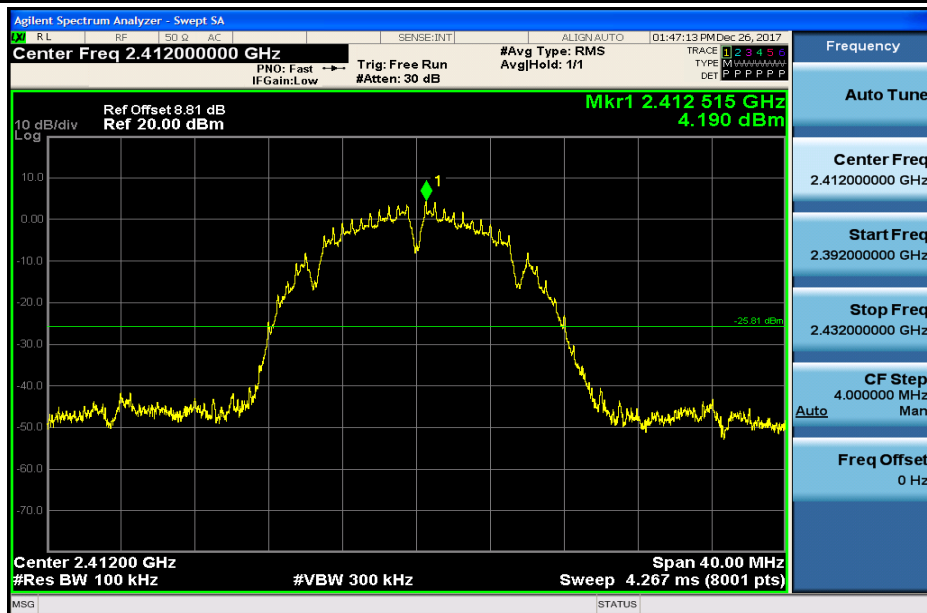
## Band-edge for RF Conducted Emissions\_11N20SISO\_2462\_Ant1



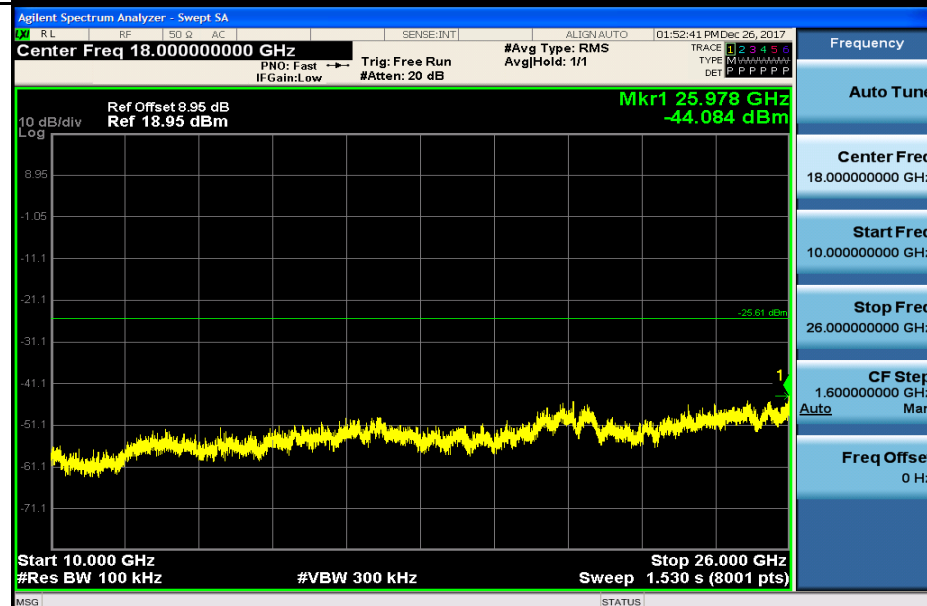
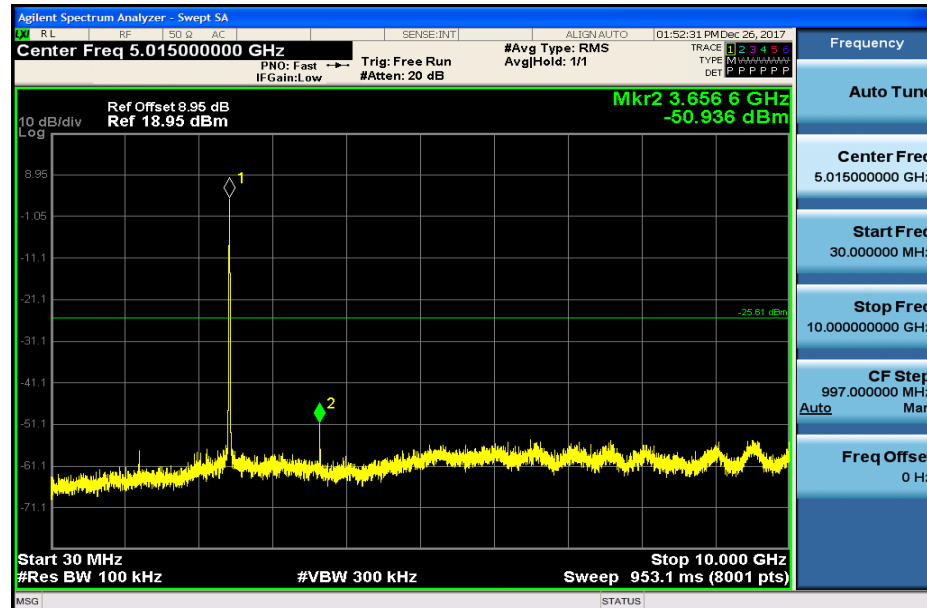
**6.RF Conducted Spurious Emissions**

Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	4.19	-51.576	<- 25.81	PASS
11B	2412	Ant1	10000	26000	100	300	4.19	-44.245	<- 25.81	PASS
11B	2437	Ant1	30	10000	100	300	4.39	-50.936	<- 25.61	PASS
11B	2437	Ant1	10000	26000	100	300	4.39	-44.084	<- 25.61	PASS
11B	2462	Ant1	30	10000	100	300	4.332	-48.277	<- 25.668	PASS
11B	2462	Ant1	10000	26000	100	300	4.332	-45.042	<- 25.668	PASS
11G	2412	Ant1	30	10000	100	300	-1.9	-52.587	<-31.9	PASS
11G	2412	Ant1	10000	26000	100	300	-1.9	-45.192	<-31.9	PASS
11G	2437	Ant1	30	10000	100	300	-2.094	-54.126	<- 32.094	PASS
11G	2437	Ant1	10000	26000	100	300	-2.094	-44.640	<- 32.094	PASS
11G	2462	Ant1	30	10000	100	300	-1.894	-54.043	<- 31.894	PASS
11G	2462	Ant1	10000	26000	100	300	-1.894	-44.158	<- 31.894	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-3.556	-54.406	<- 33.556	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-3.556	-45.328	<- 33.556	PASS
11N20SISO	2437	Ant1	30	10000	100	300	-3.579	-54.396	<- 33.579	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	-3.579	-43.814	<- 33.579	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-3.74	-53.798	<- 33.74	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-3.74	-43.538	<- 33.74	PASS

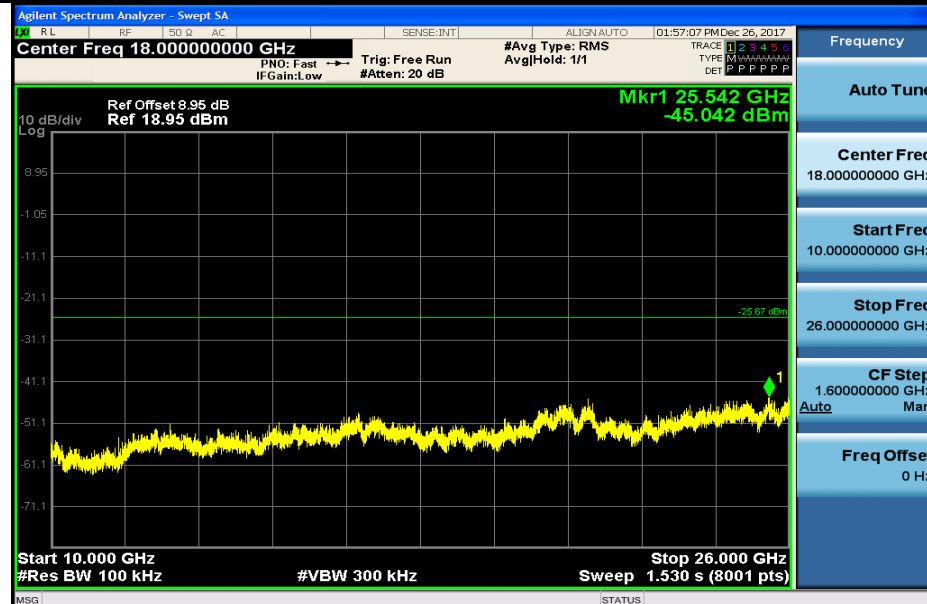
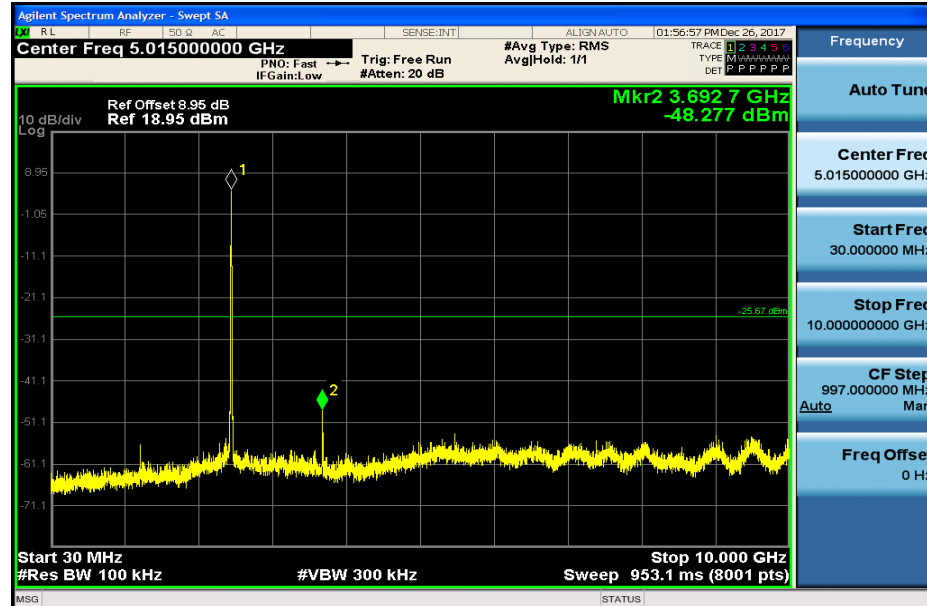
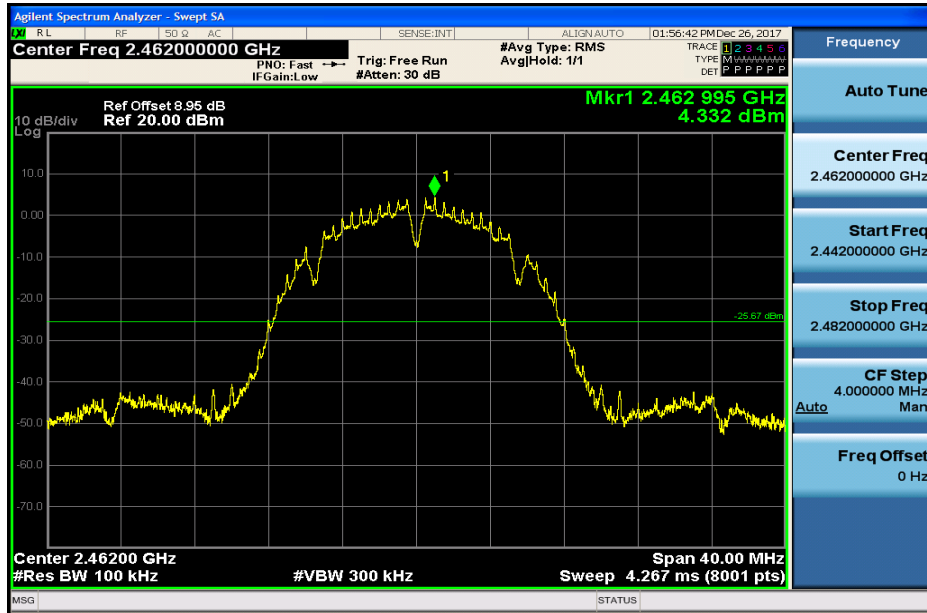
RF Conducted Spurious Emissions\_11B\_2412



RF Conducted Spurious Emissions\_11B\_2437

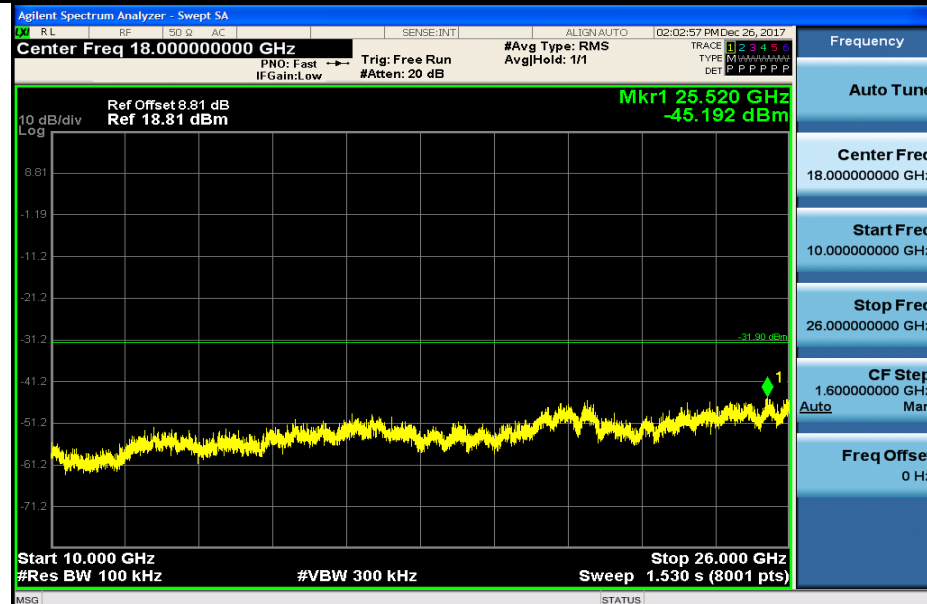
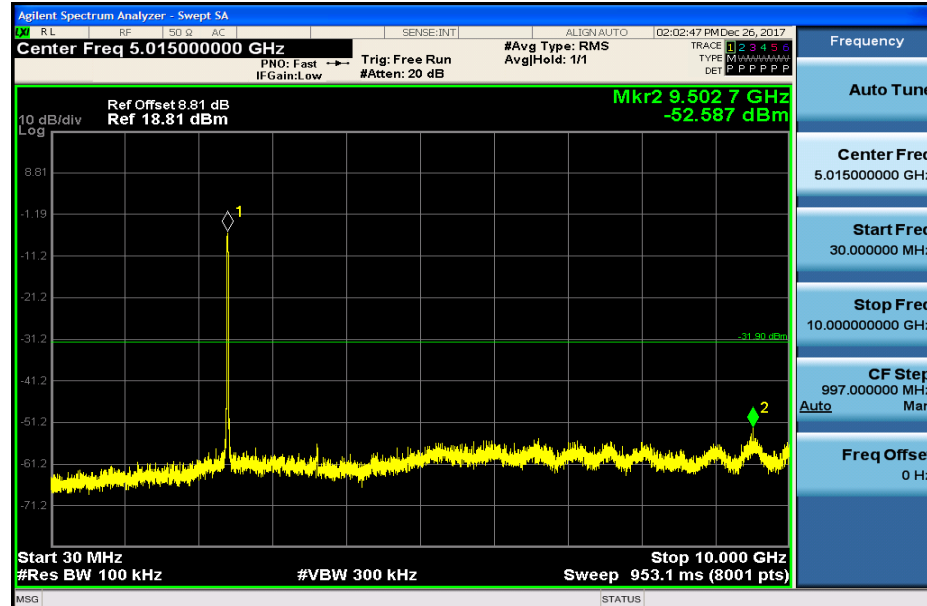


RF Conducted Spurious Emissions\_11B\_2462



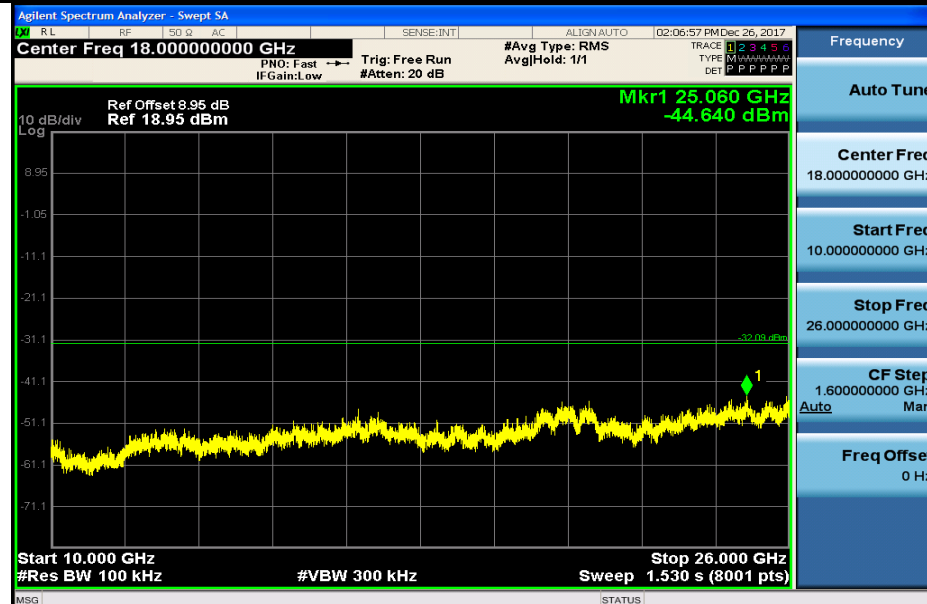
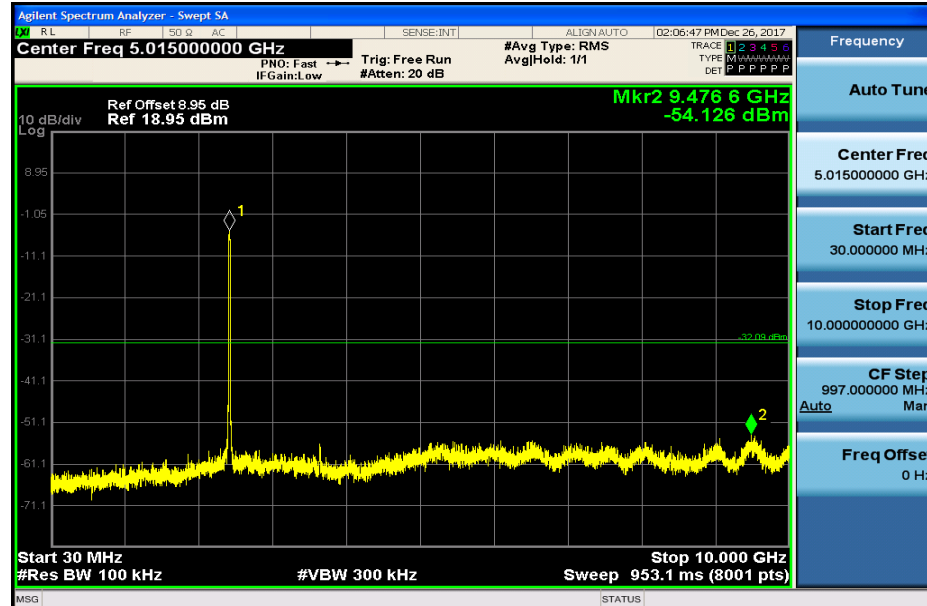
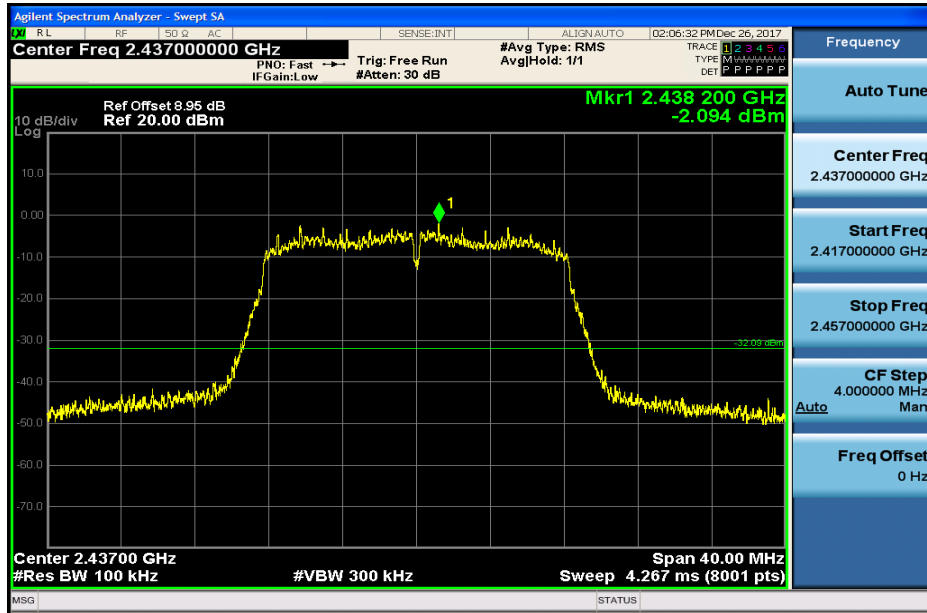


RF Conducted Spurious Emissions\_11G\_2412

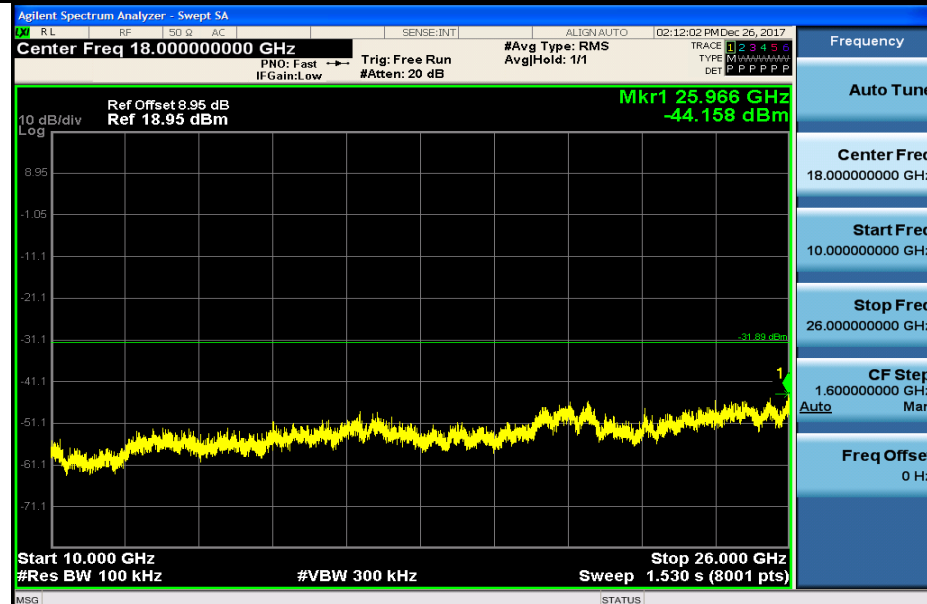
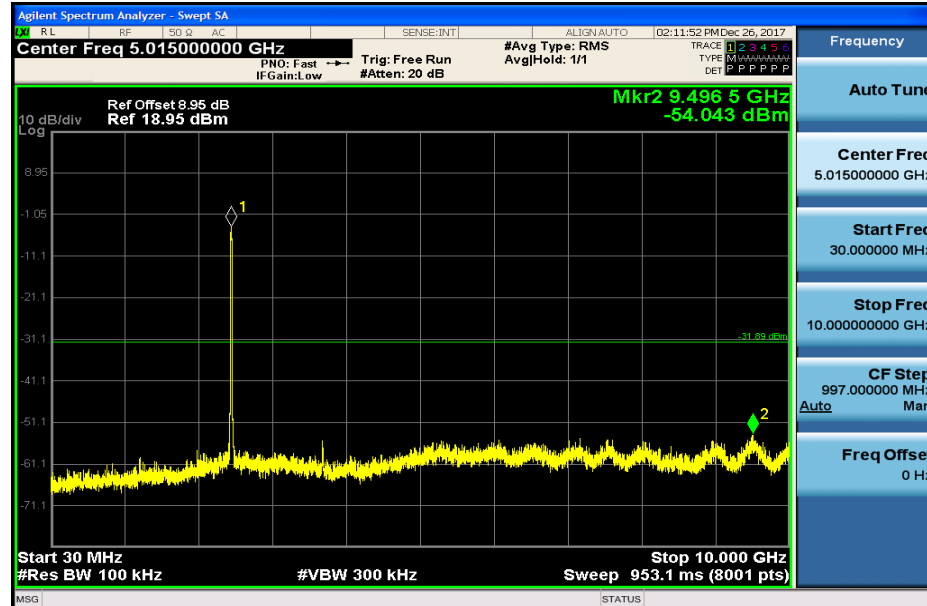




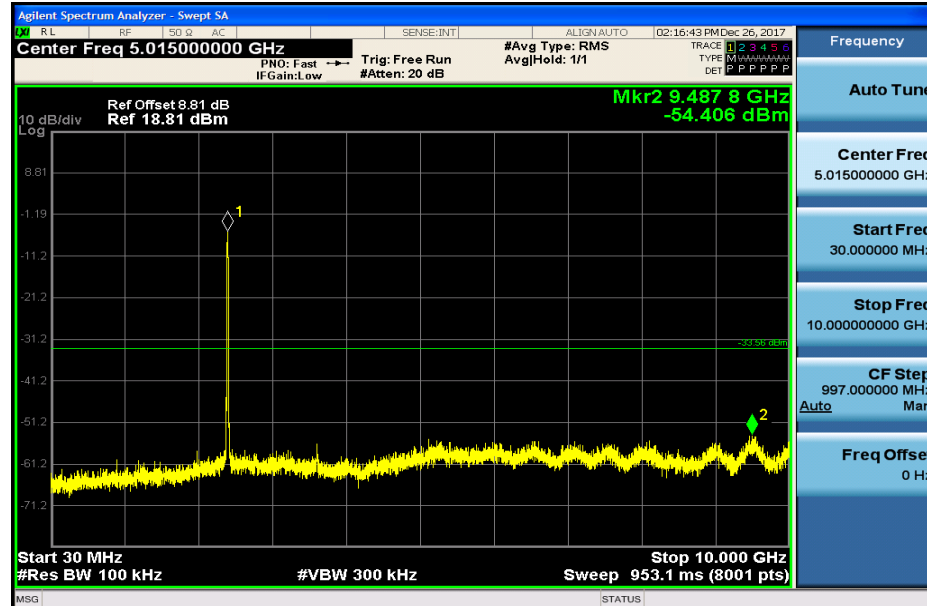
RF Conducted Spurious Emissions\_11G\_2437



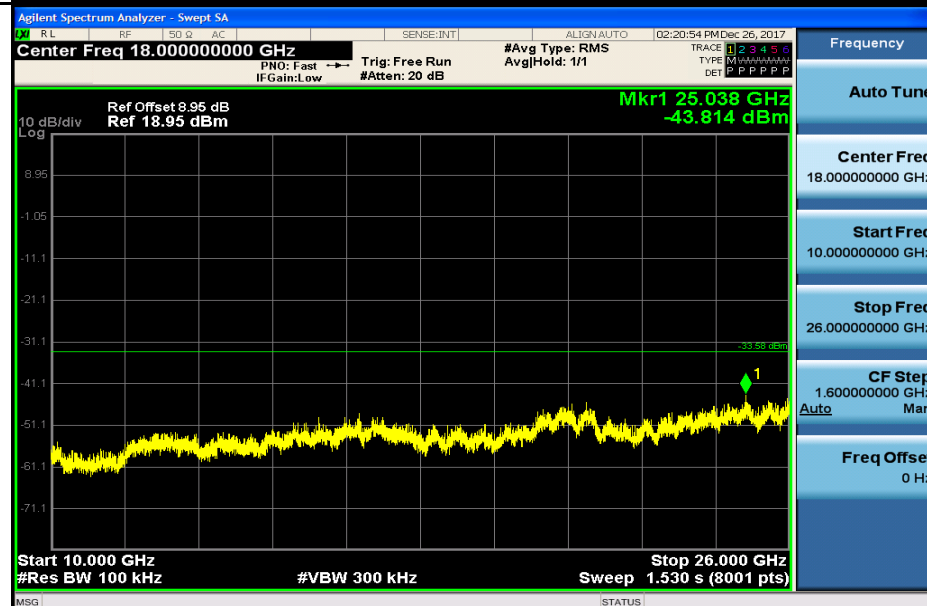
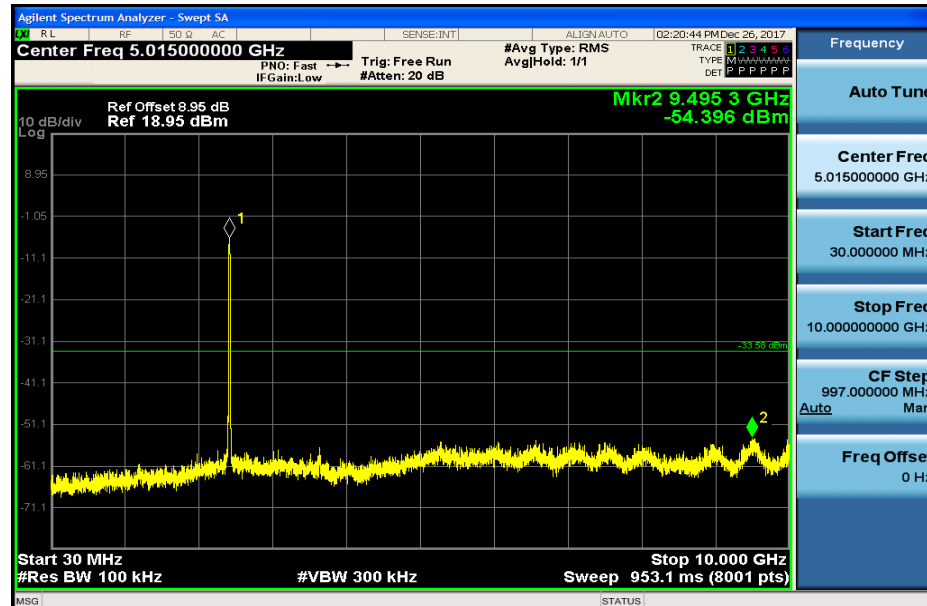
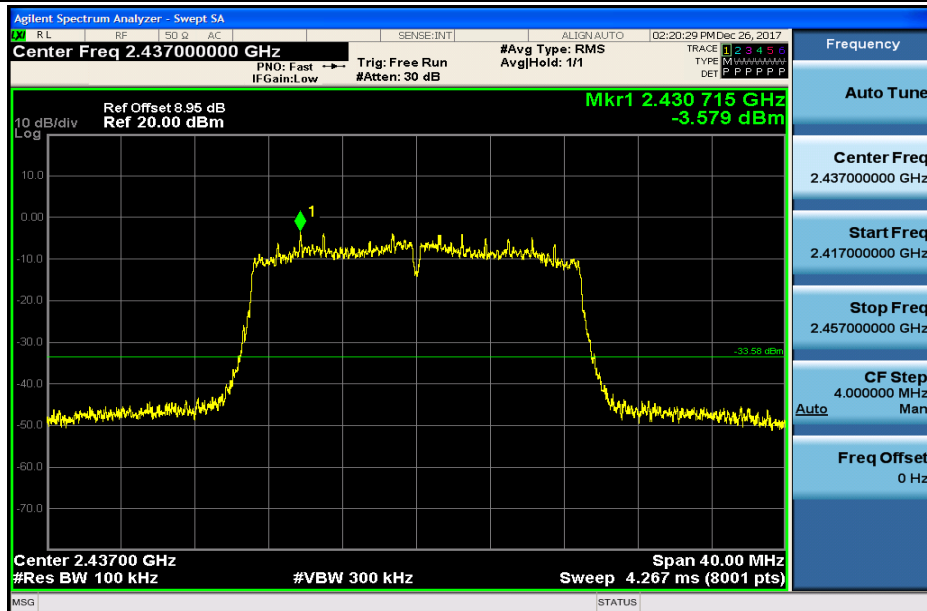
RF Conducted Spurious Emissions\_11G\_2462



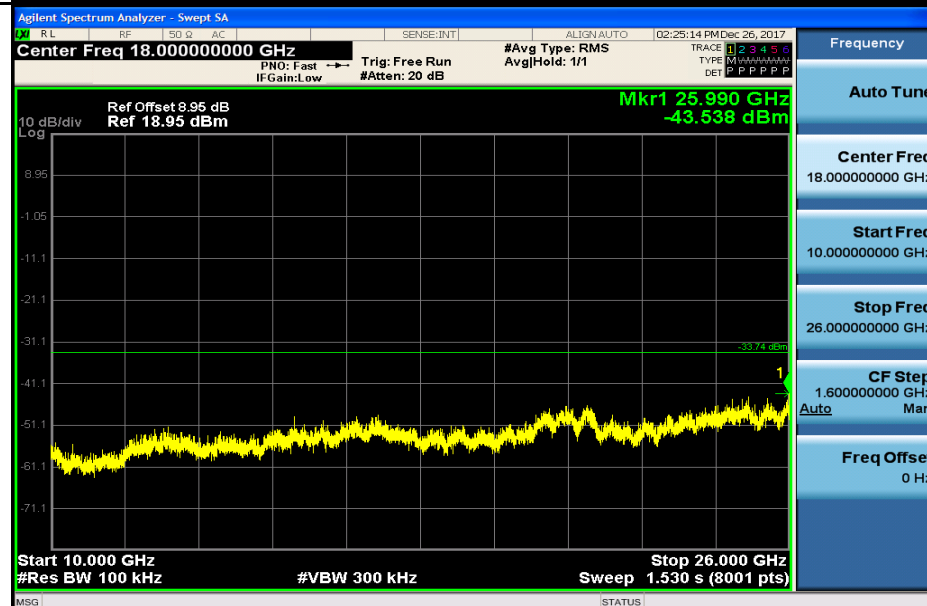
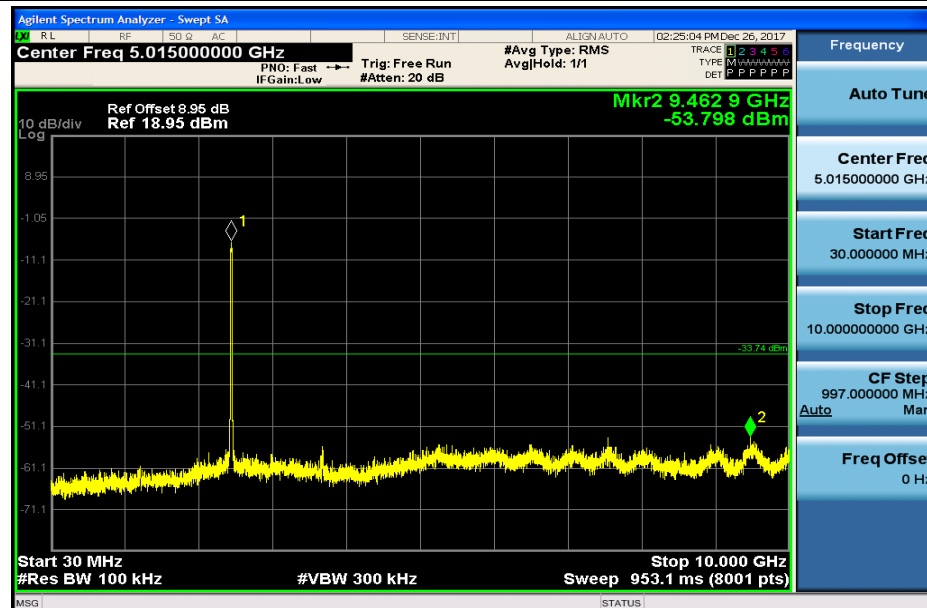
RF Conducted Spurious Emissions\_11N20SISO\_2412



RF Conducted Spurious Emissions\_11N20SISO\_2437



RF Conducted Spurious Emissions\_11N20SISO\_2462

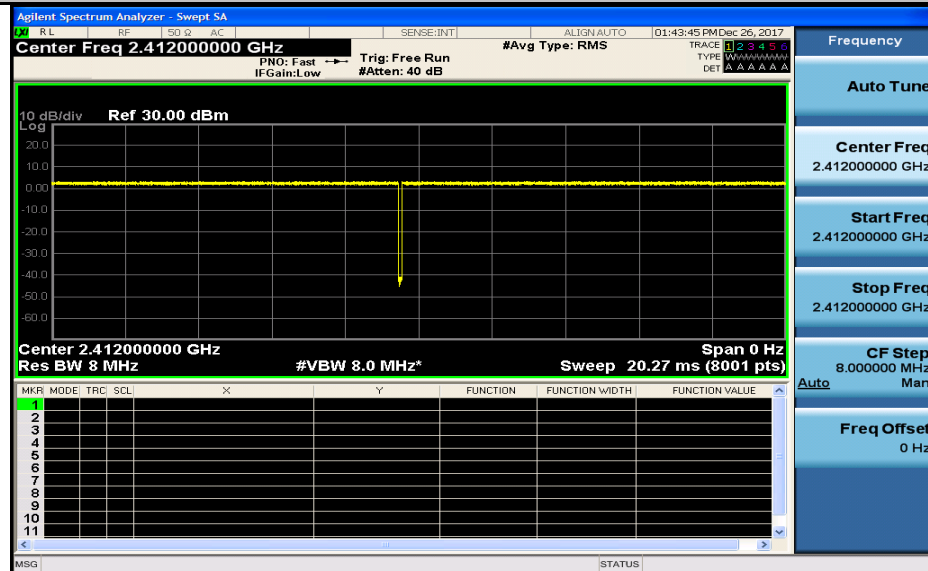




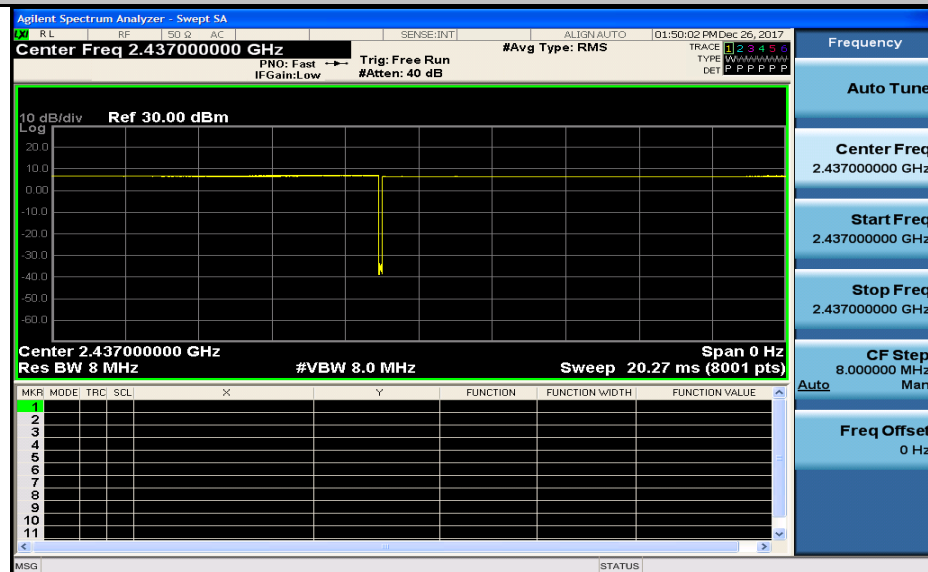
**7.Duty Cycle**

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	100	0
11B	2437	Ant1	100	0
11B	2462	Ant1	100	0
11G	2412	Ant1	95.09	0.218651526017105
11G	2437	Ant1	95.2	0.213630516155257
11G	2462	Ant1	95.09	0.218651526017105
11N20SISO	2412	Ant1	94.74	0.234666196080622
11N20SISO	2437	Ant1	94.74	0.234666196080622
11N20SISO	2462	Ant1	94.74	0.234666196080622

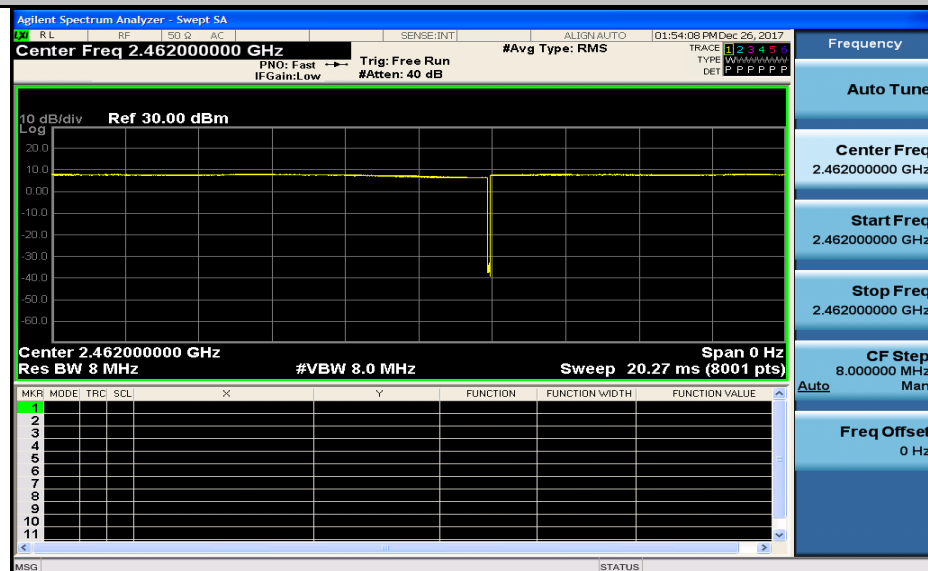
Duty Cycle\_11B\_2412\_Ant1



Duty Cycle\_11B\_2437\_Ant1

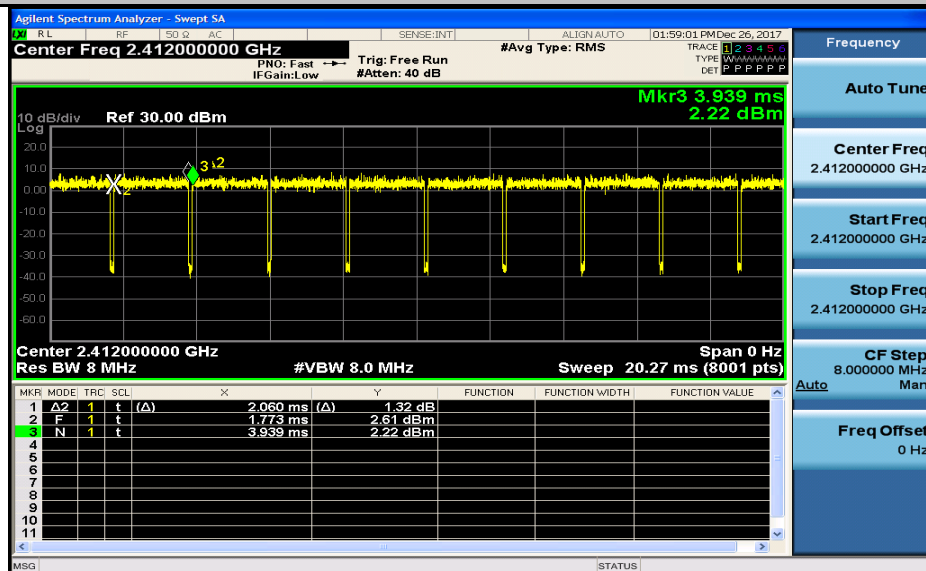


Duty Cycle\_11B\_2462\_Ant1

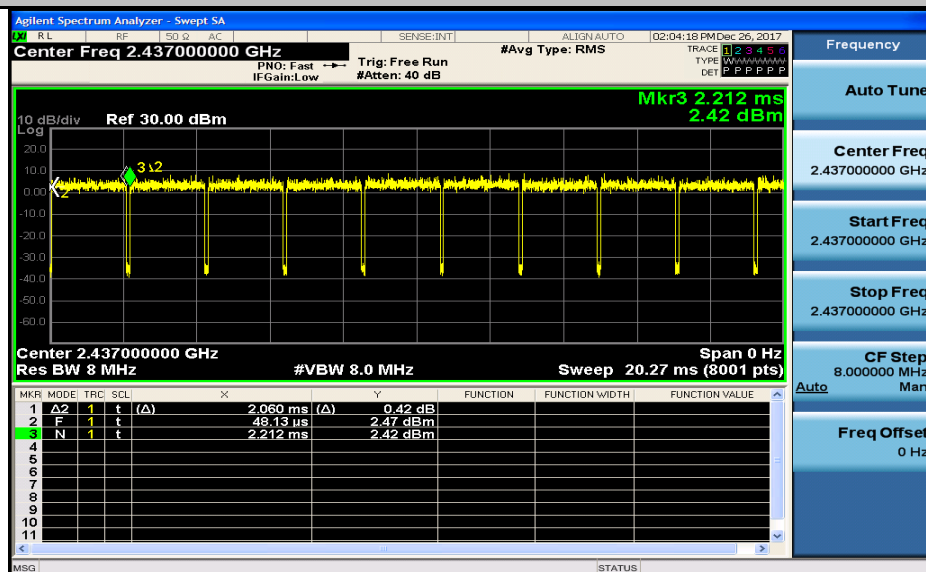




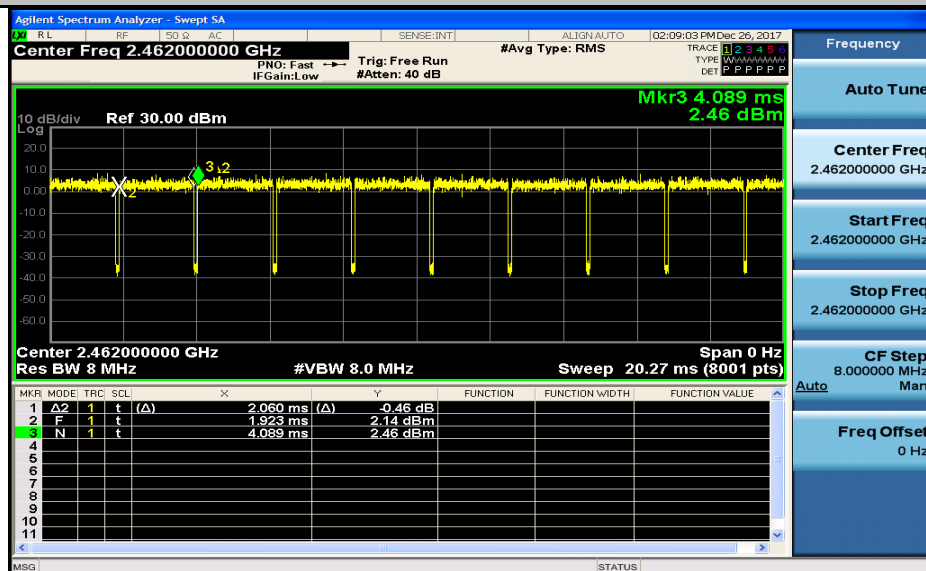
Duty Cycle\_11G\_2412\_Ant1



Duty Cycle\_11G\_2437\_Ant1

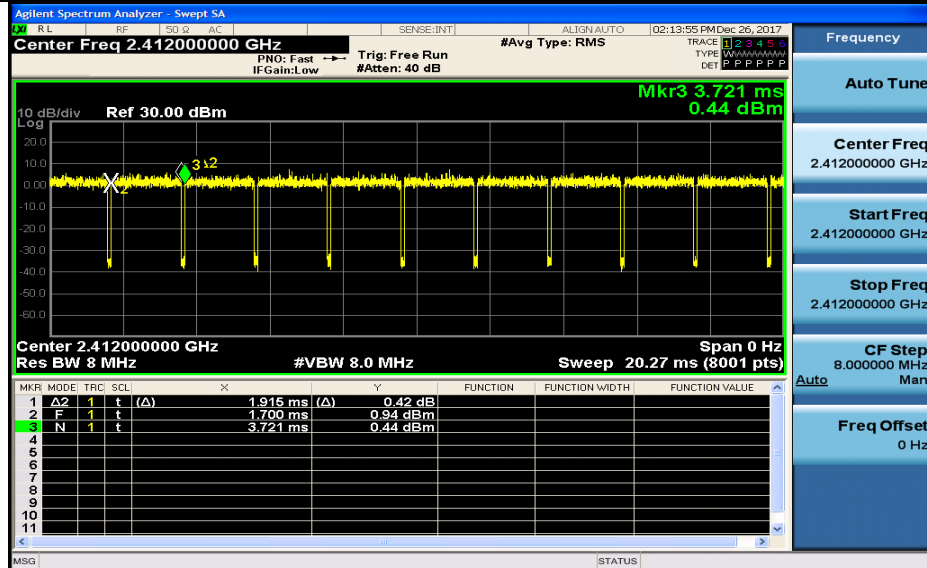


Duty Cycle\_11G\_2462\_Ant1

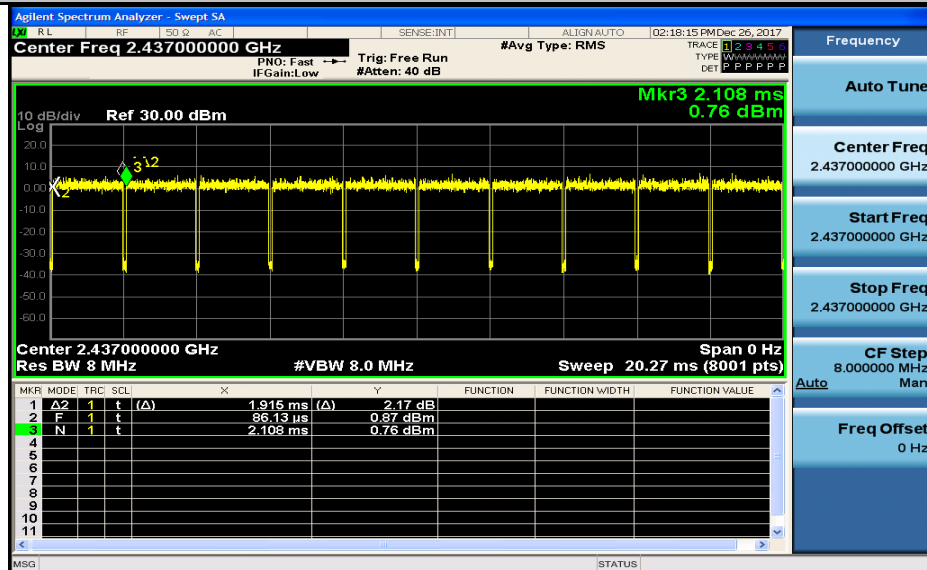




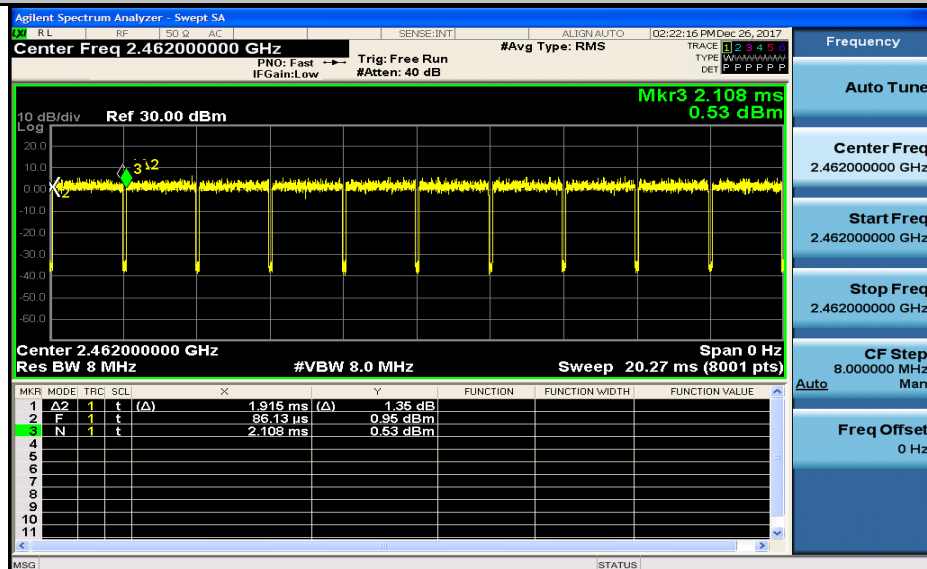
Duty Cycle\_11N20SISO\_2412\_Ant1



Duty Cycle\_11N20SISO\_2437\_Ant1



Duty Cycle\_11N20SISO\_2462\_Ant1





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**Shenzhen Branch**