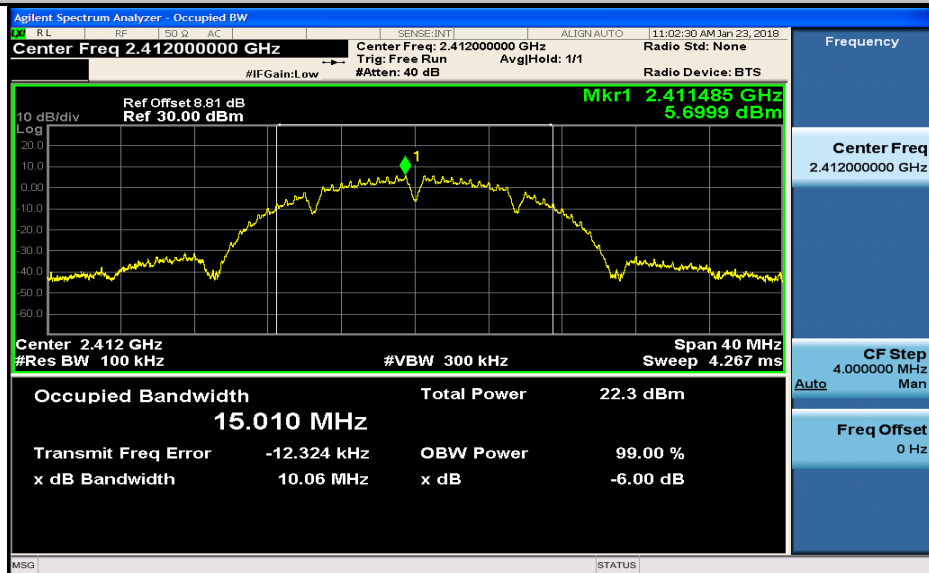


## Appendix A for SZEM180100062002

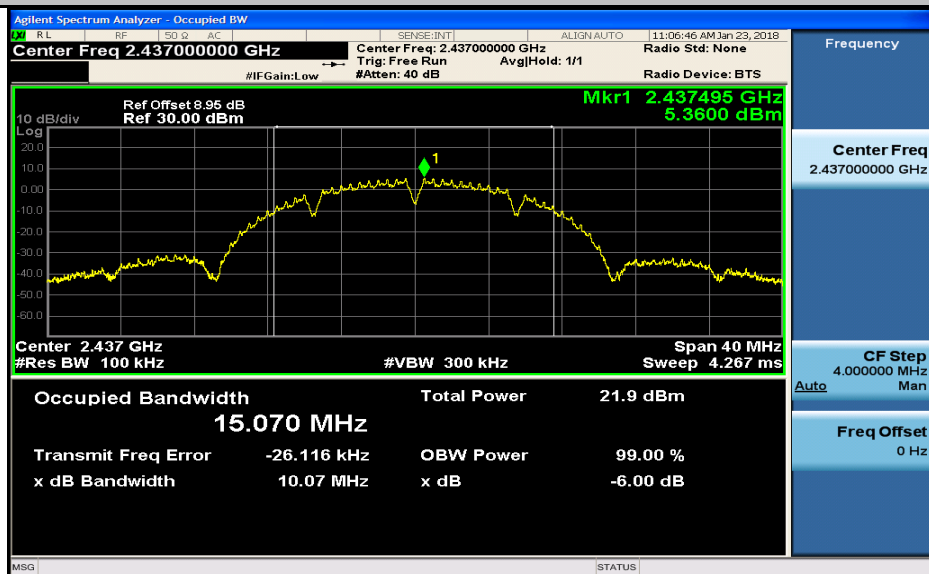
### 1.6dB Bandwidth

Test Mode	Test Channel	EBW[MHz] ANT0	EBW[MHz] ANT1	Limit	Verdict
11B	2412	10.06	10.07	0.5	PASS
11B	2437	10.07	10.07	0.5	PASS
11B	2462	10.08	10.07	0.5	PASS
11G	2412	16.52	16.53	0.5	PASS
11G	2437	16.53	16.53	0.5	PASS
11G	2462	16.52	16.53	0.5	PASS
11N20SISO	2412	17.78	17.77	0.5	PASS
11N20SISO	2437	17.78	17.78	0.5	PASS
11N20SISO	2462	17.78	17.78	0.5	PASS
11N40SISO	2422	36.36	36.37	0.5	PASS
11N40SISO	2437	36.35	36.37	0.5	PASS
11N40SISO	2452	36.36	36.35	0.5	PASS

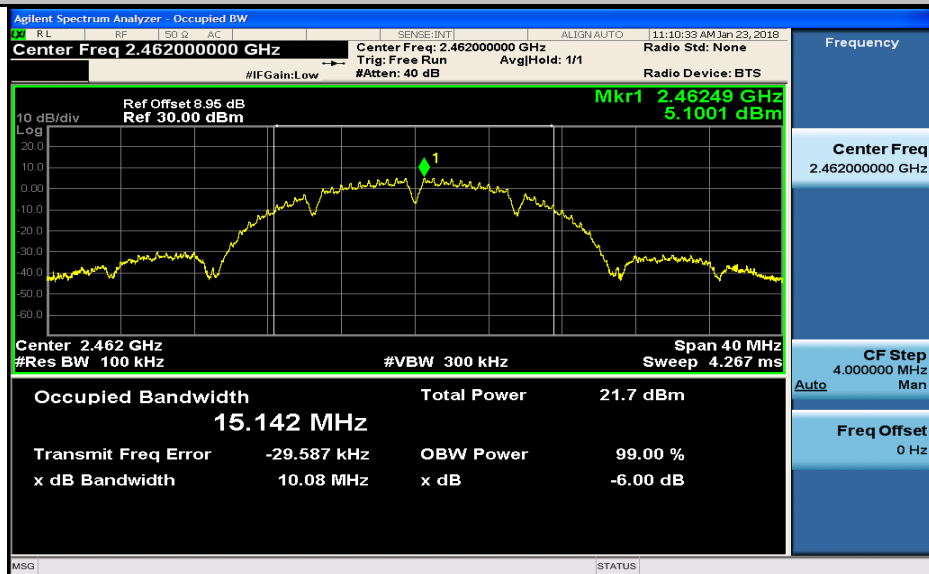
### 6dB Bandwidth\_11B\_2412\_Ant0



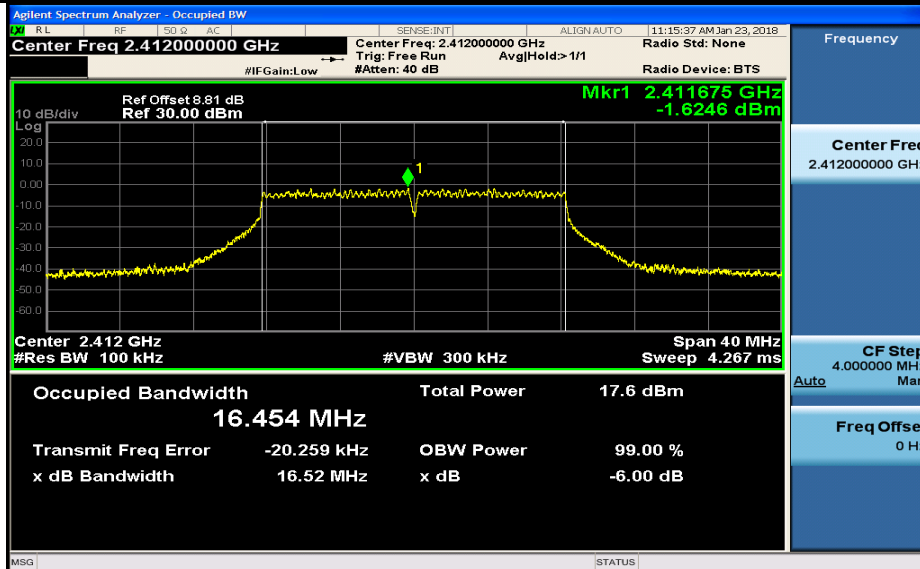
### 6dB Bandwidth\_11B\_2437\_Ant0



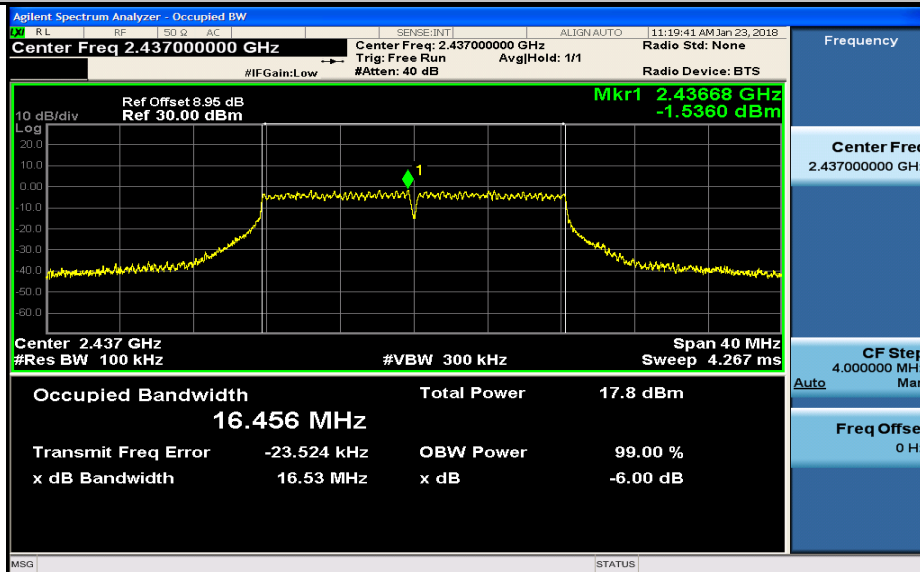
### 6dB Bandwidth\_11B\_2462\_Ant0



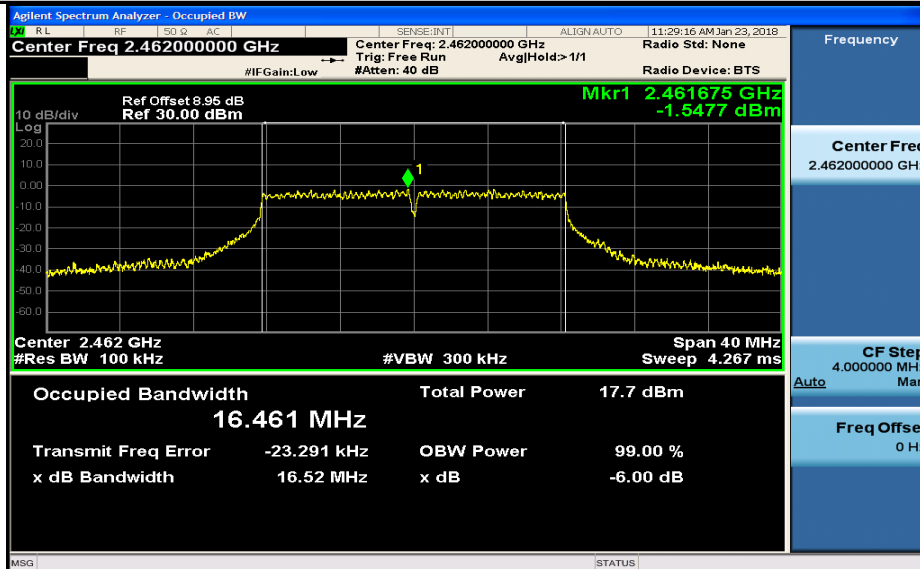
### 6dB Bandwidth\_11G\_2412\_Ant0



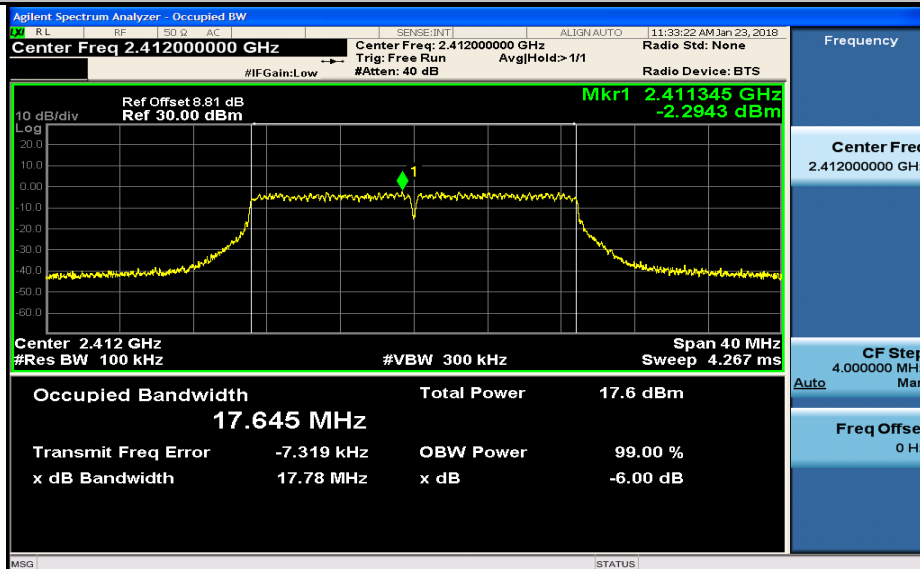
### 6dB Bandwidth\_11G\_2437\_Ant0



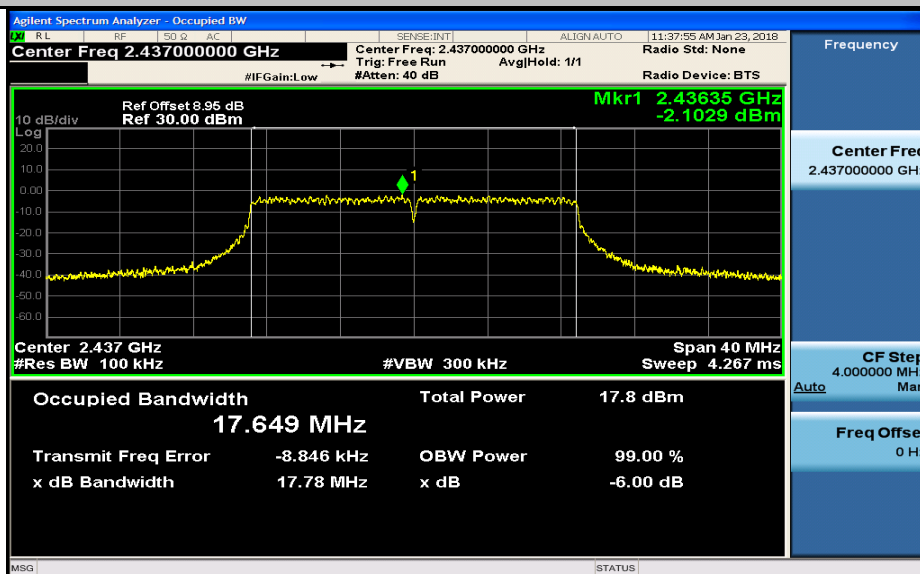
### 6dB Bandwidth\_11G\_2462\_Ant0



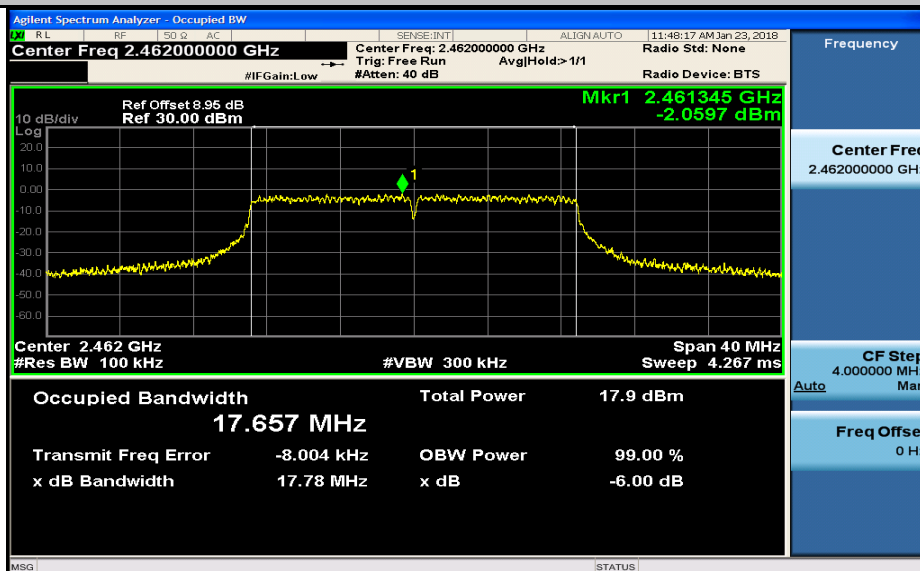
6dB Bandwidth\_11N20SISO\_2412\_Ant0



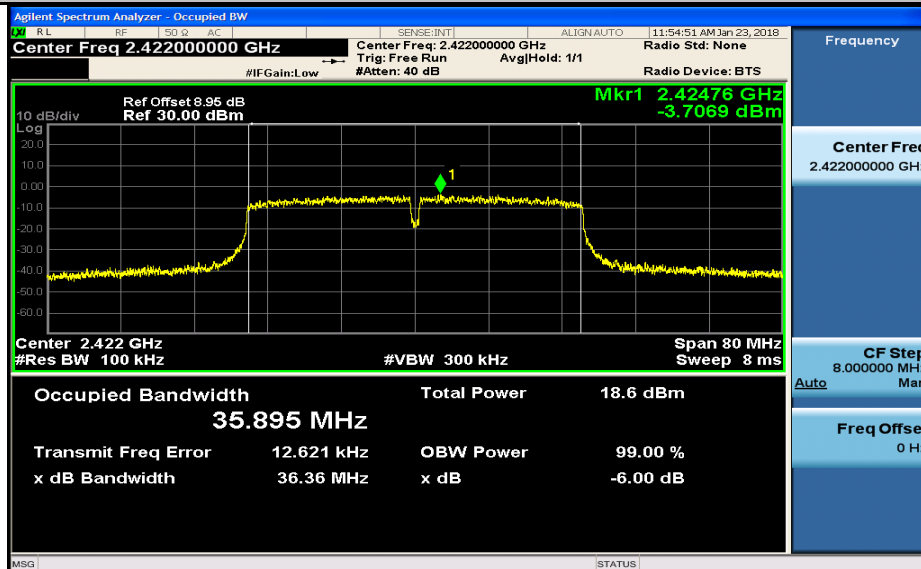
6dB Bandwidth\_11N20SISO\_2437\_Ant0



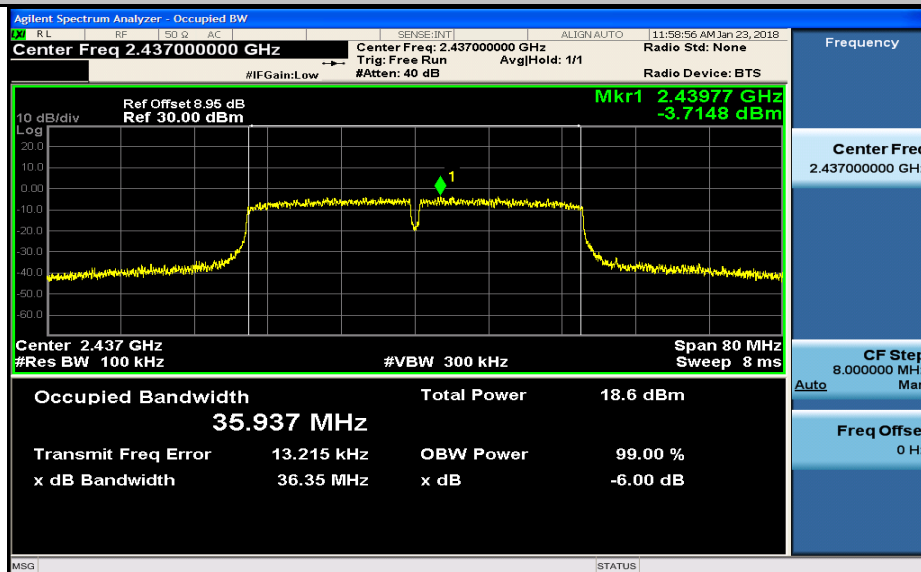
6dB Bandwidth\_11N20SISO\_2462\_Ant0



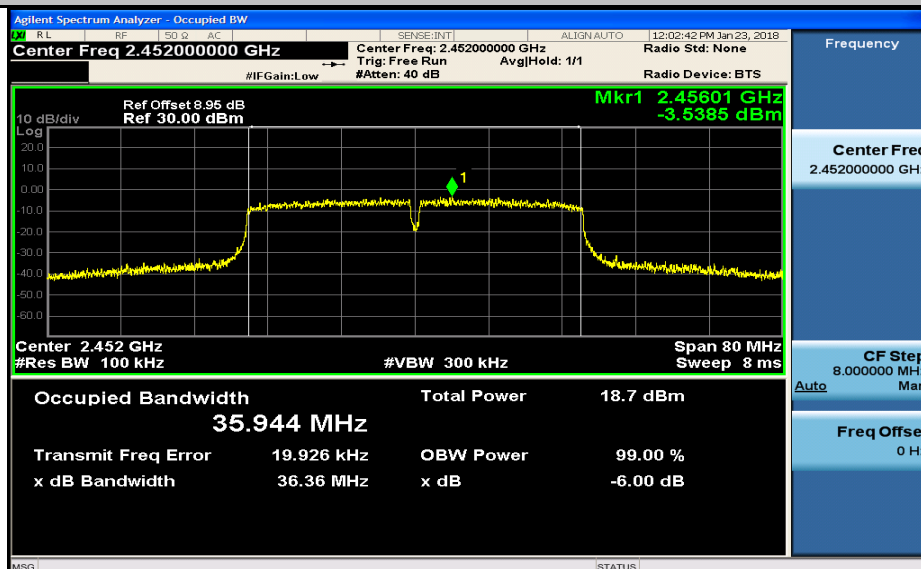
### 6dB Bandwidth\_11N40SISO\_2422\_Ant0



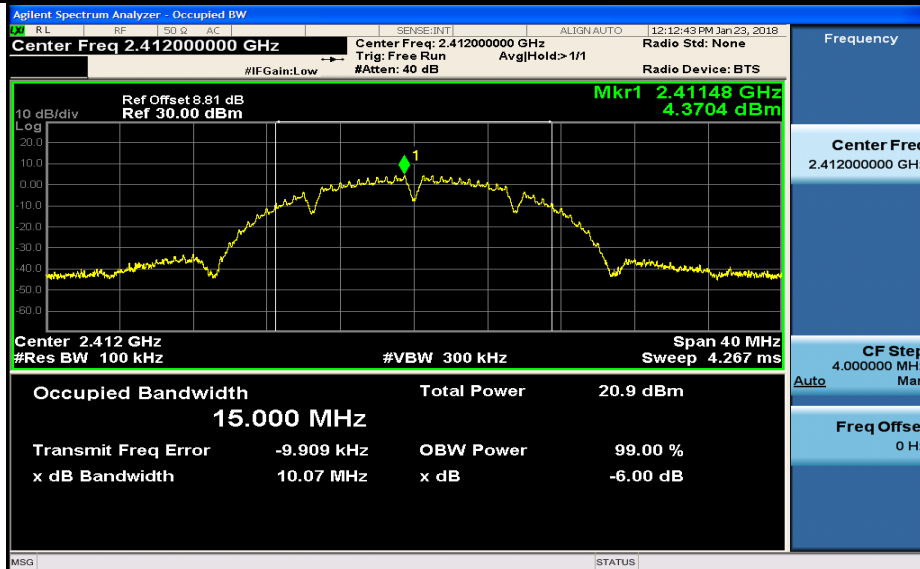
### 6dB Bandwidth\_11N40SISO\_2437\_Ant0



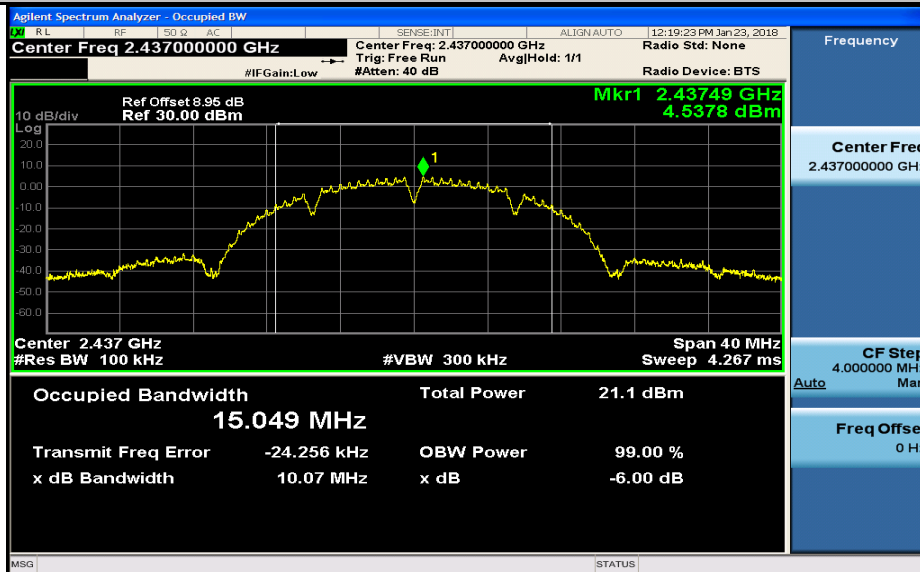
### 6dB Bandwidth\_11N40SISO\_2452\_Ant0



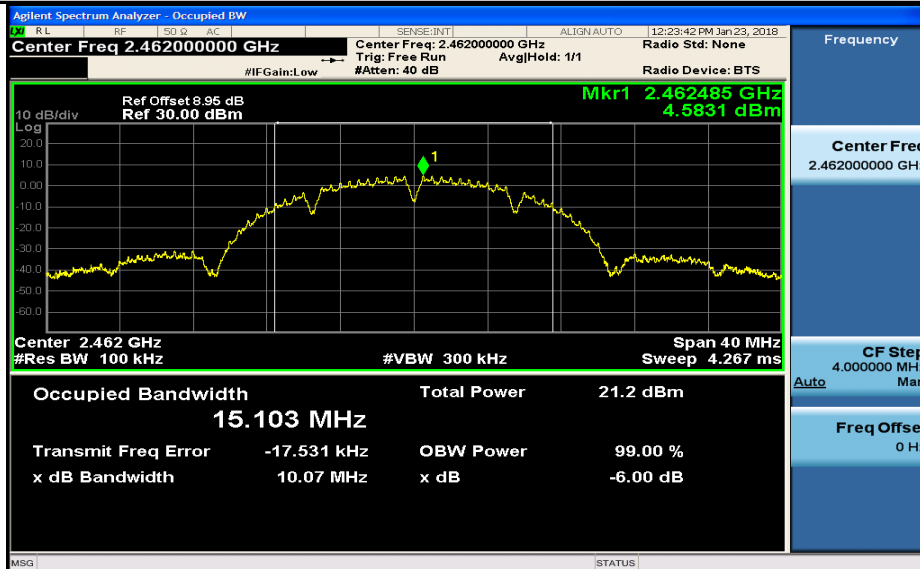
6dB Bandwidth\_11B\_2412\_Ant1



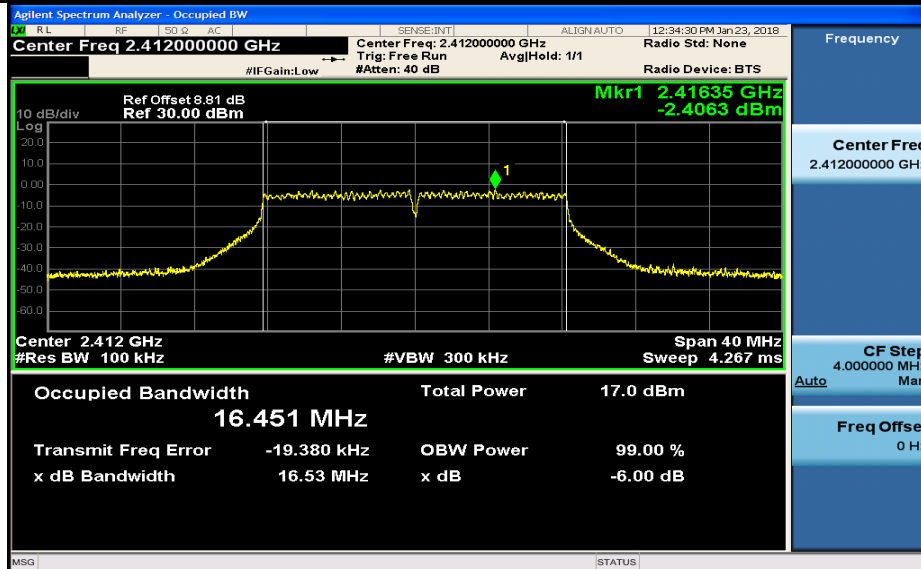
6dB Bandwidth\_11B\_2437\_Ant1



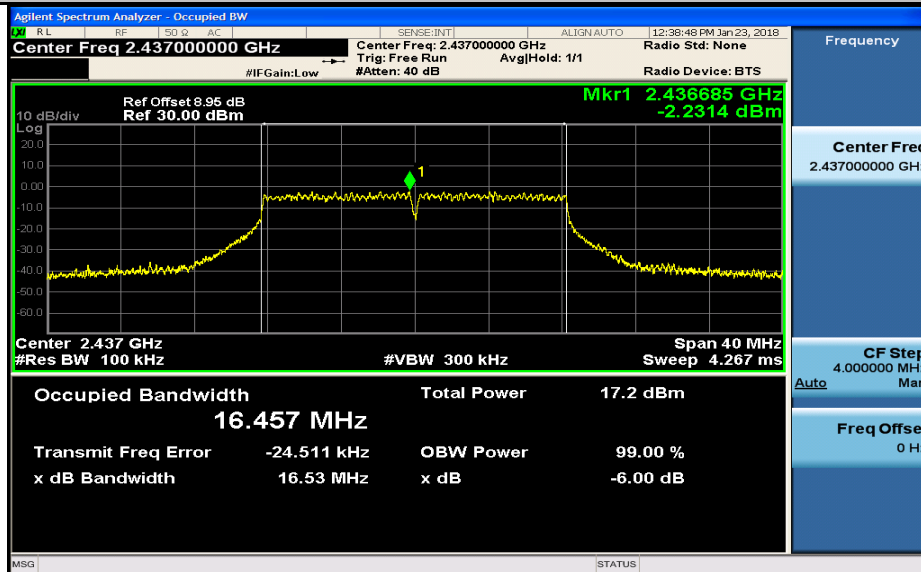
6dB Bandwidth\_11B\_2462\_Ant1



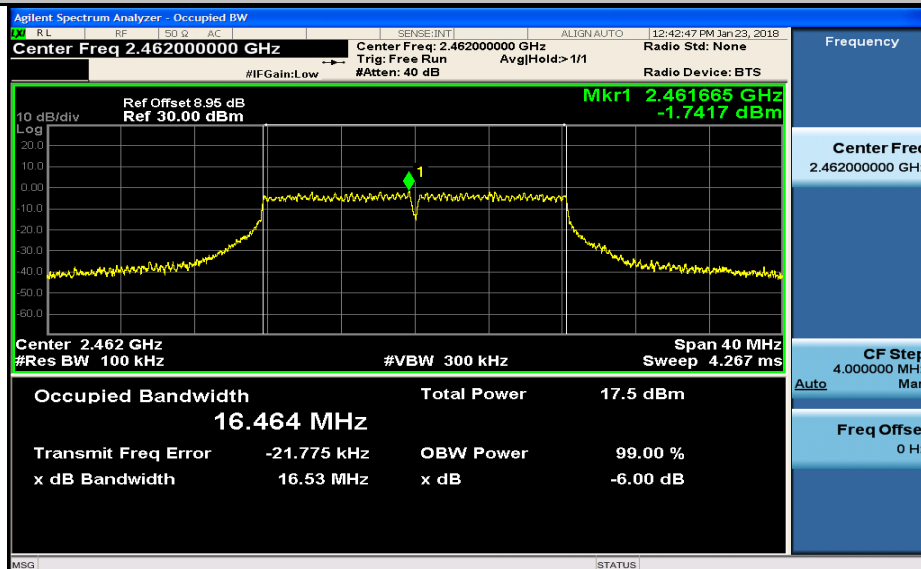
### 6dB Bandwidth\_11G\_2412\_Ant1



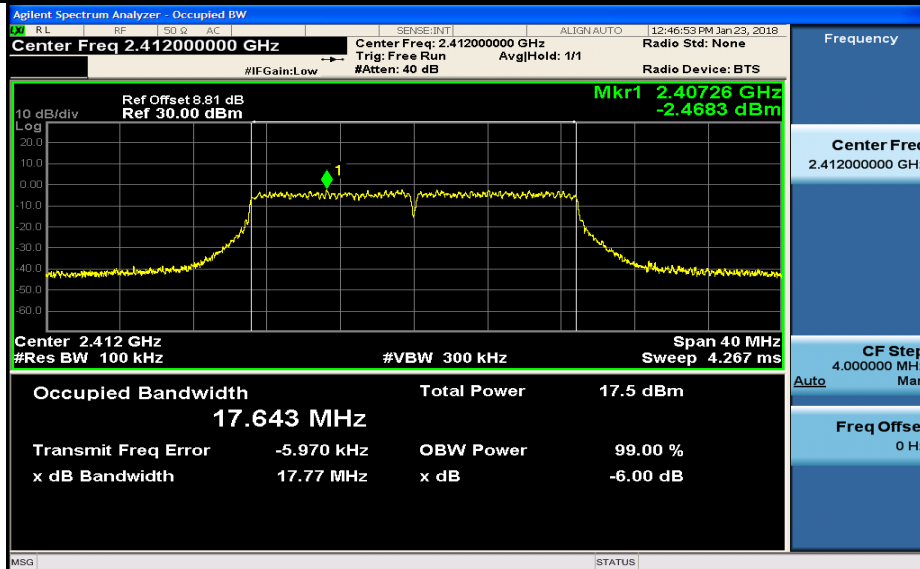
### 6dB Bandwidth\_11G\_2437\_Ant1



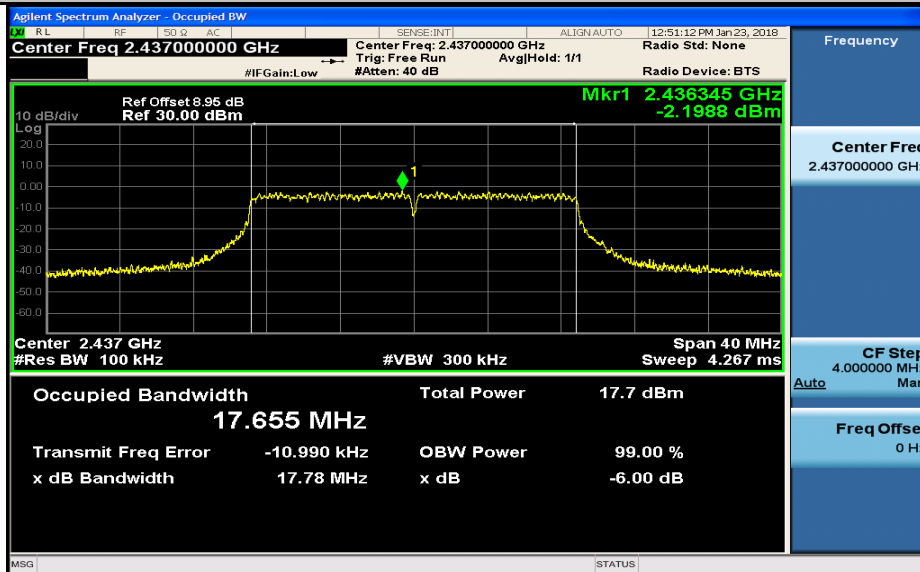
### 6dB Bandwidth\_11G\_2462\_Ant1



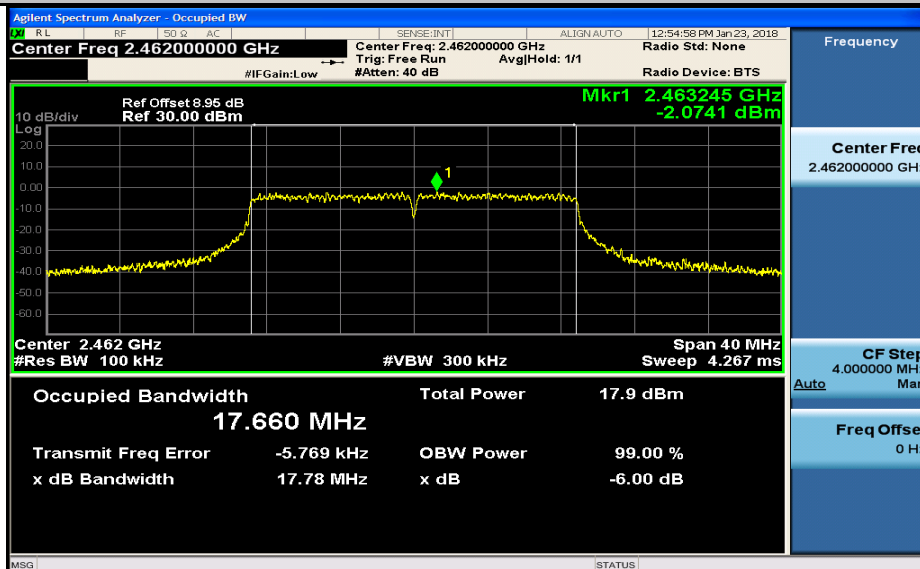
6dB Bandwidth\_11N20SISO\_2412\_Ant1



6dB Bandwidth\_11N20SISO\_2437\_Ant1

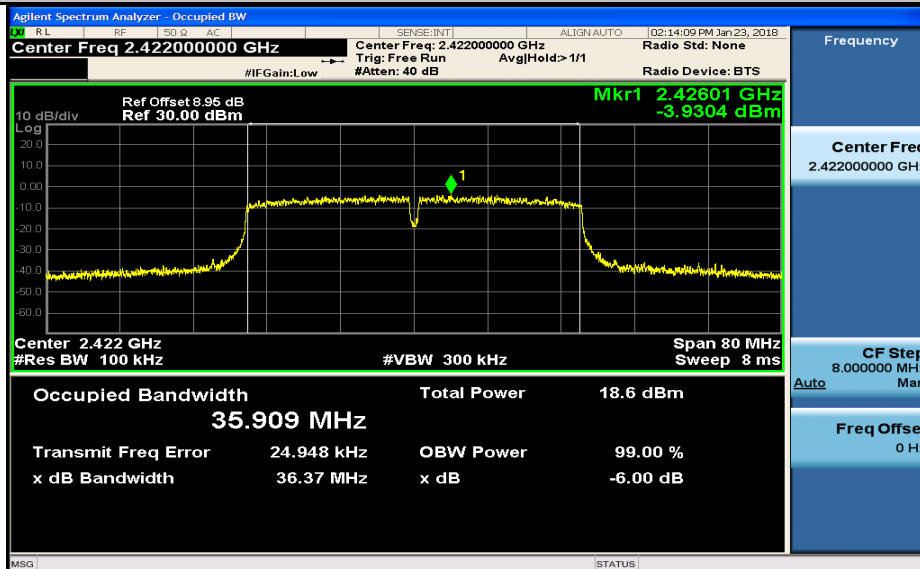


6dB Bandwidth\_11N20SISO\_2462\_Ant1

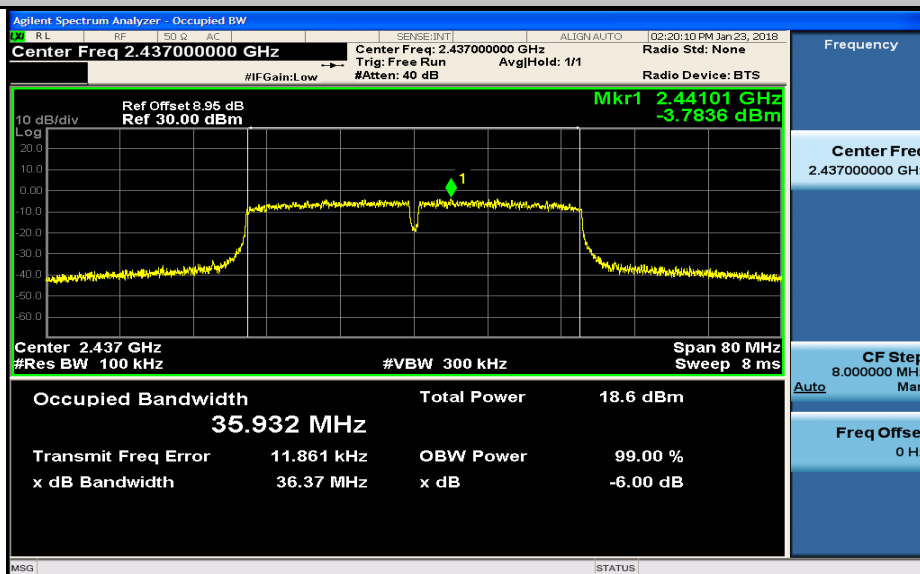




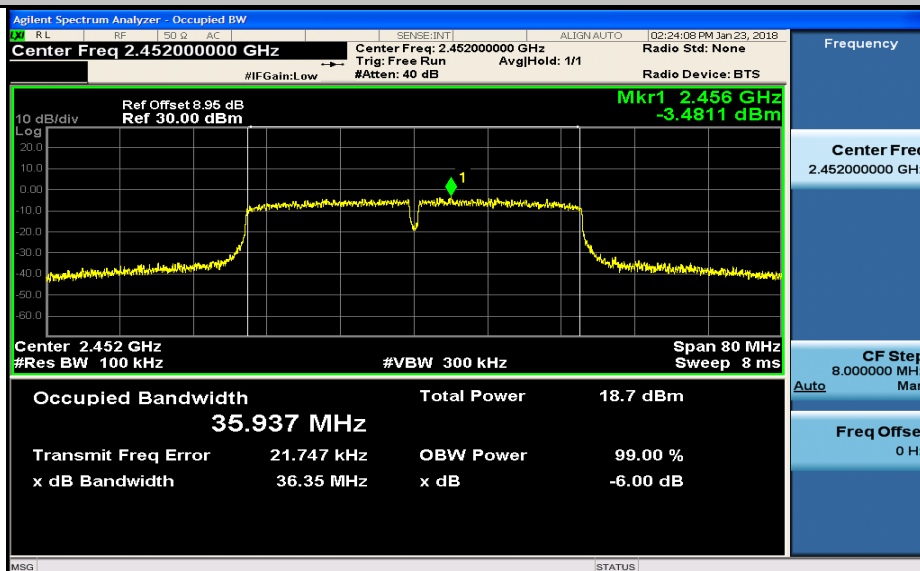
6dB Bandwidth\_11N40SISO\_2422\_Ant1



6dB Bandwidth\_11N40SISO\_2437\_Ant1



6dB Bandwidth\_11N40SISO\_2452\_Ant1



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

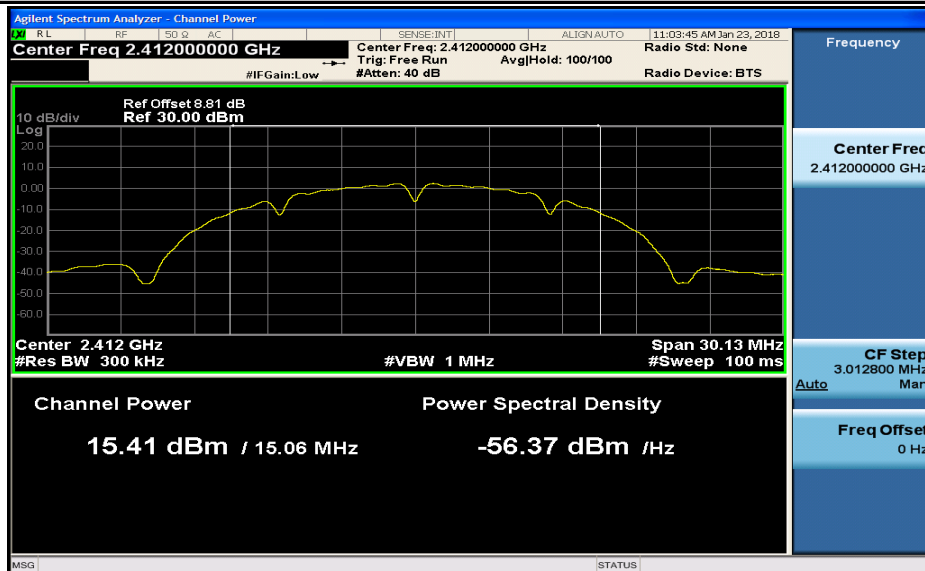
Test Mode	Test Channel	Level [dBm]		10log(1/x) Factor[dB]		Power [dBm]			Limit [dBm]	Verdict
		ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	MIMO		
11B	2412	15.41	14.26	0.00	0.00	15.41	14.26	N/A	30	PASS
11B	2437	15.14	14.42	0.00	0.00	15.14	14.42	N/A	30	PASS
11B	2462	14.97	14.53	0.00	0.00	14.97	14.53	N/A	30	PASS
11G	2412	10.88	10.27	0.00	0.00	10.88	10.27	N/A	30	PASS
11G	2437	11.00	10.54	0.00	0.00	11.00	10.54	N/A	30	PASS
11G	2462	10.97	10.76	0.00	0.00	10.97	10.76	N/A	30	PASS
11N20SISO	2412	10.89	10.77	0.00	0.00	10.89	10.77	13.84	30	PASS
11N20SISO	2437	11.06	11.00	0.00	0.00	11.06	11.00	14.04	30	PASS
11N20SISO	2462	11.18	11.21	0.00	0.00	11.18	11.21	14.21	30	PASS
11N40SISO	2422	11.95	11.94	0.00	0.00	11.95	11.94	14.96	30	PASS
11N40SISO	2437	11.96	11.96	0.00	0.00	11.96	11.96	14.97	30	PASS
11N40SISO	2452	12.00	12.01	0.00	0.00	12.00	12.01	15.02	30	PASS

Remark:

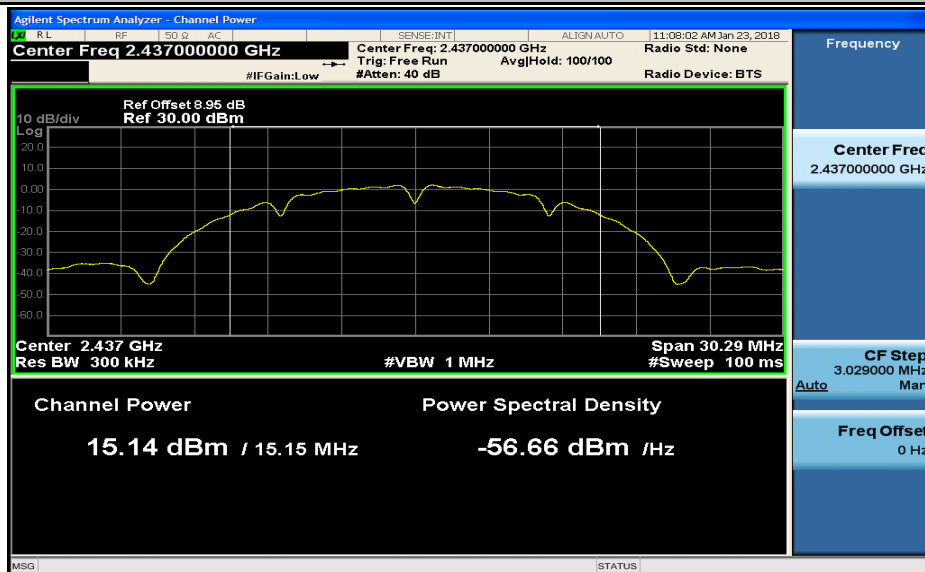
1) Output Average Power = Reading Power + Duty Cycle Correction Factor

2) Per KDB 662911, the conducted powers at Antenna A and Antenna B were first measured separately during MIMO transmission as shown in section above. The measured values were then summed in linear power units then converted back to dBm.

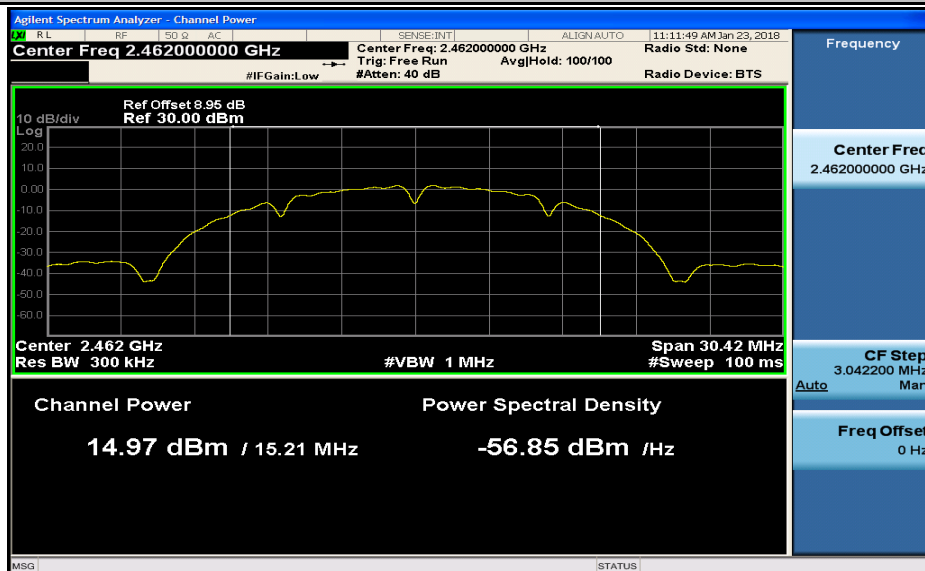
Maximum conducted (average) output power\_11B\_2412\_Ant0



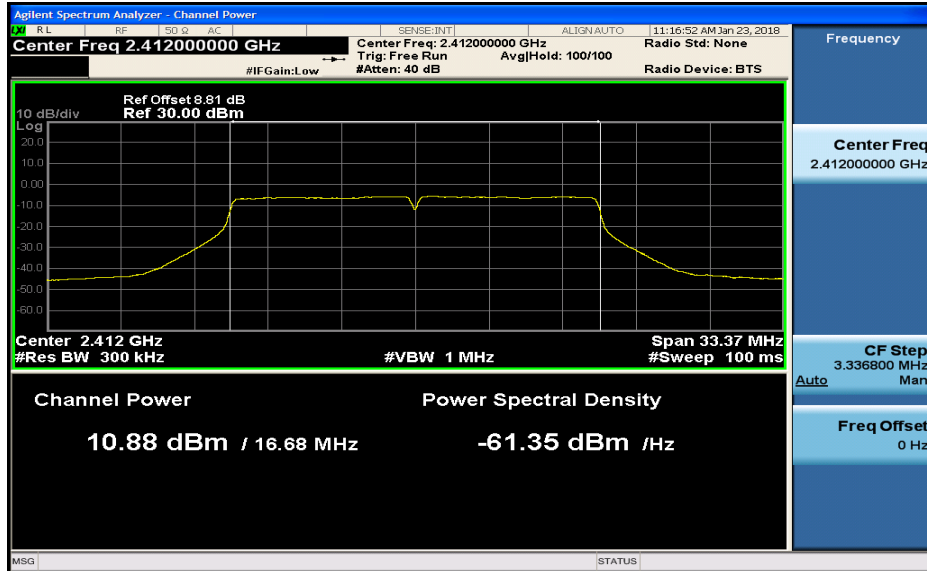
Maximum conducted (average) output power\_11B\_2437\_Ant0



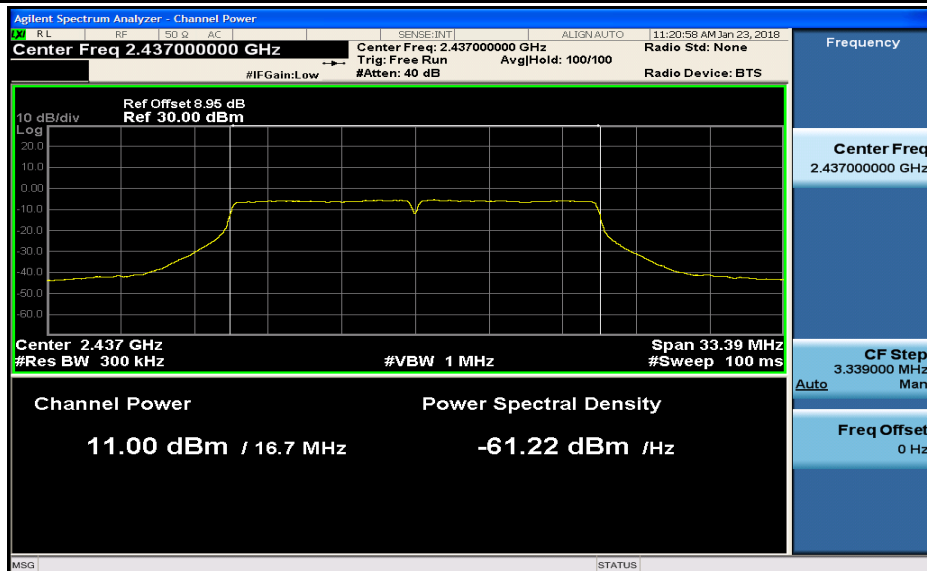
Maximum conducted (average) output power\_11B\_2462\_Ant0



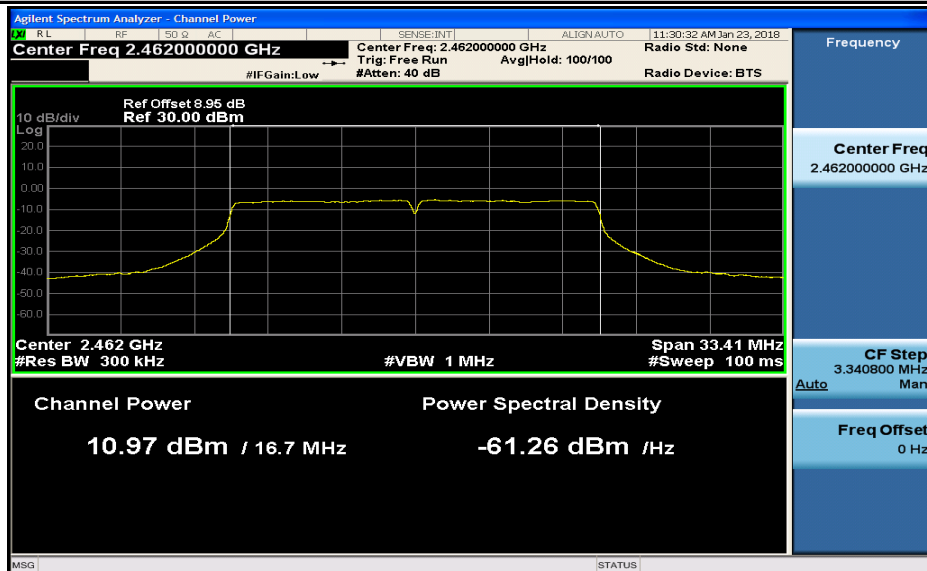
Maximum conducted (average) output power\_11G\_2412\_Ant0



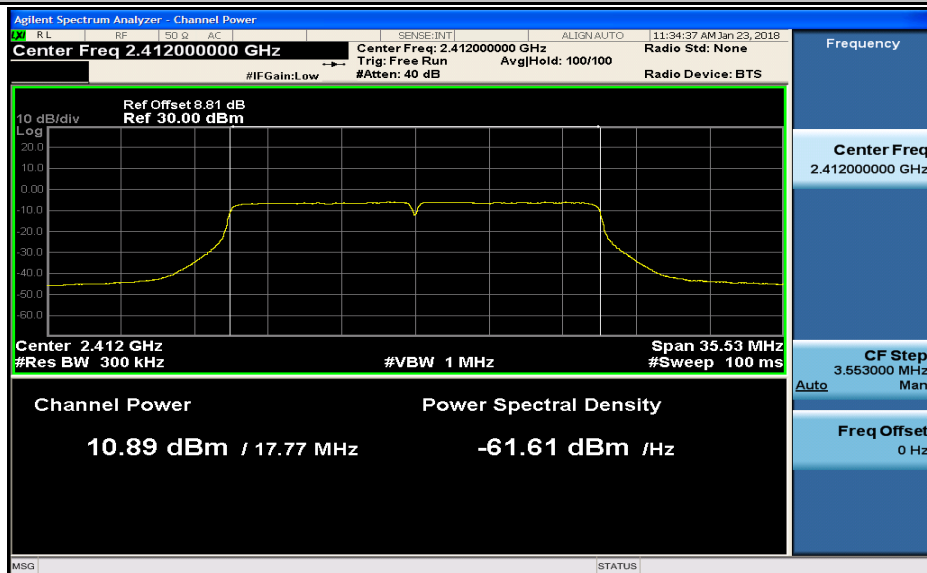
Maximum conducted (average) output power\_11G\_2437\_Ant0



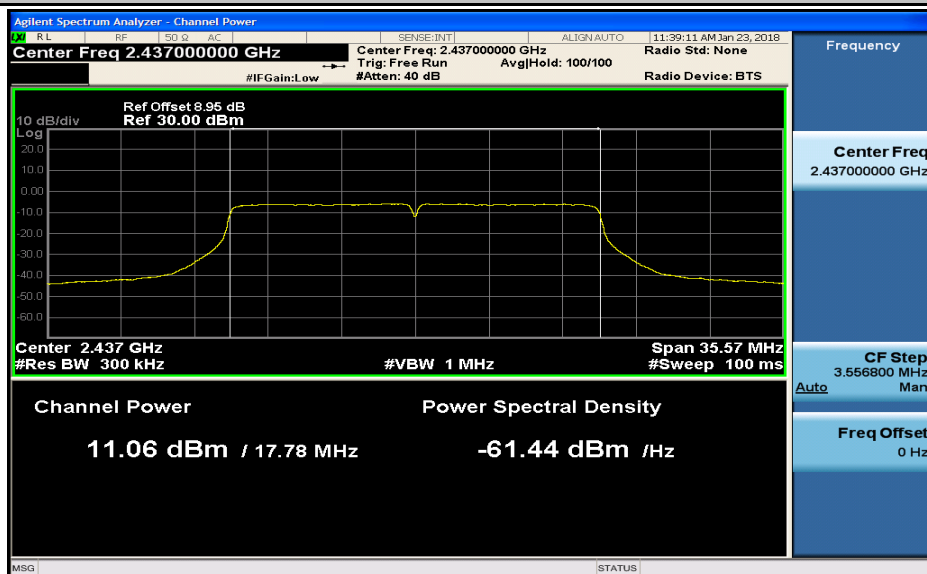
Maximum conducted (average) output power\_11G\_2462\_Ant0



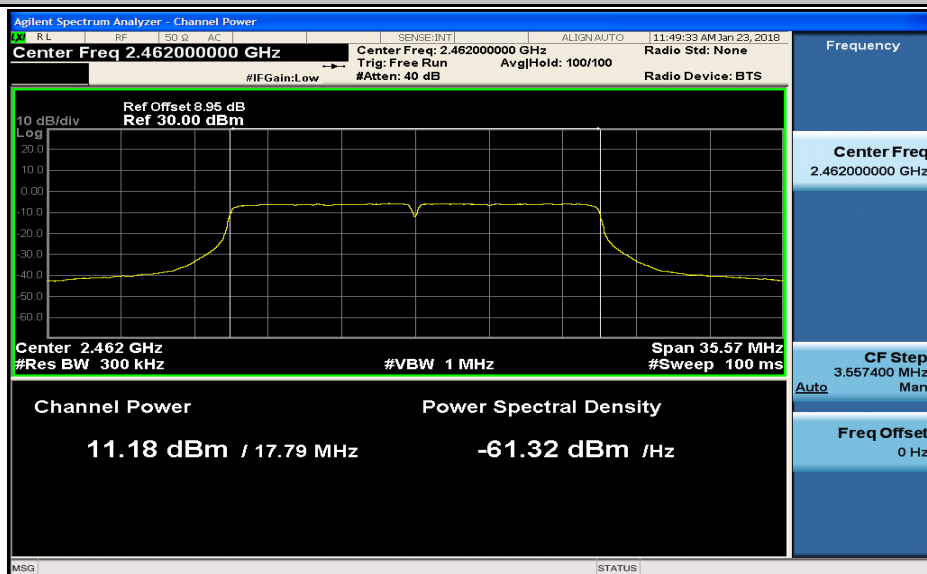
## Maximum conducted (average) output power\_11N20SISO\_2412\_Ant0



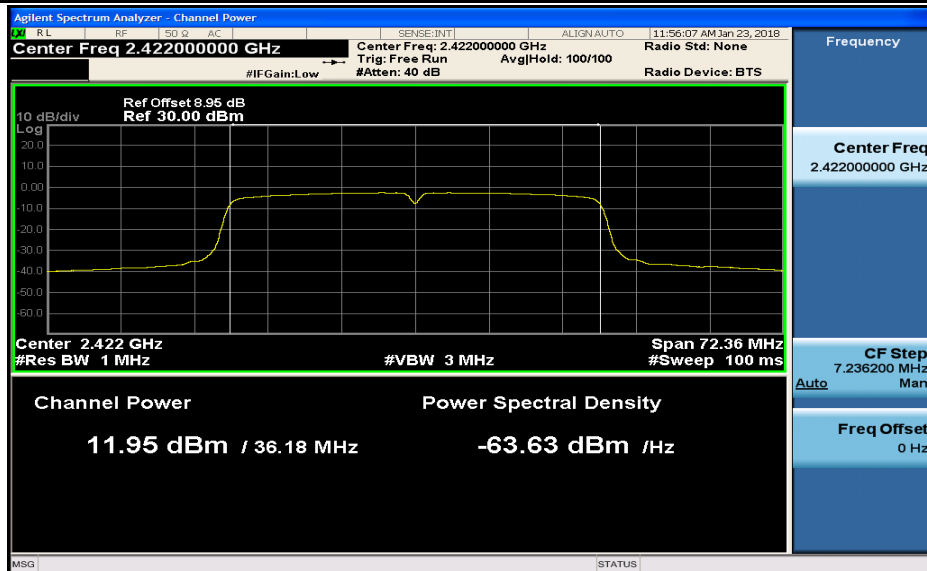
## Maximum conducted (average) output power\_11N20SISO\_2437\_Ant0



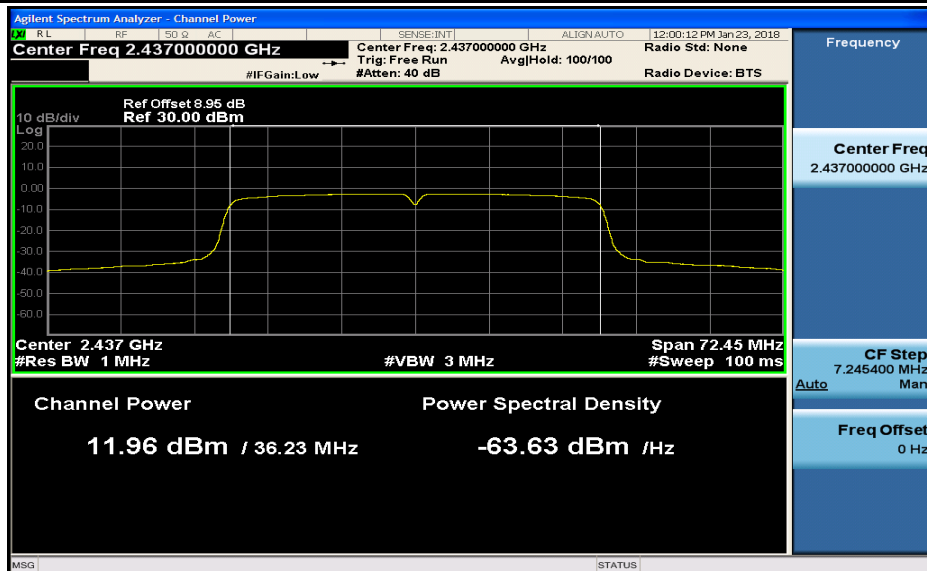
## Maximum conducted (average) output power\_11N20SISO\_2462\_Ant0



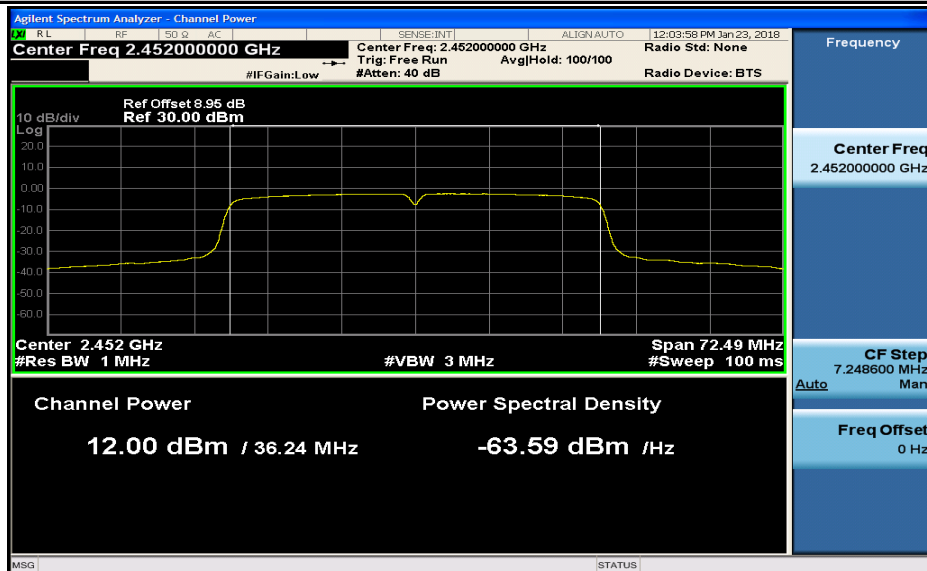
Maximum conducted (average) output power\_11N40SISO\_2422\_Ant0



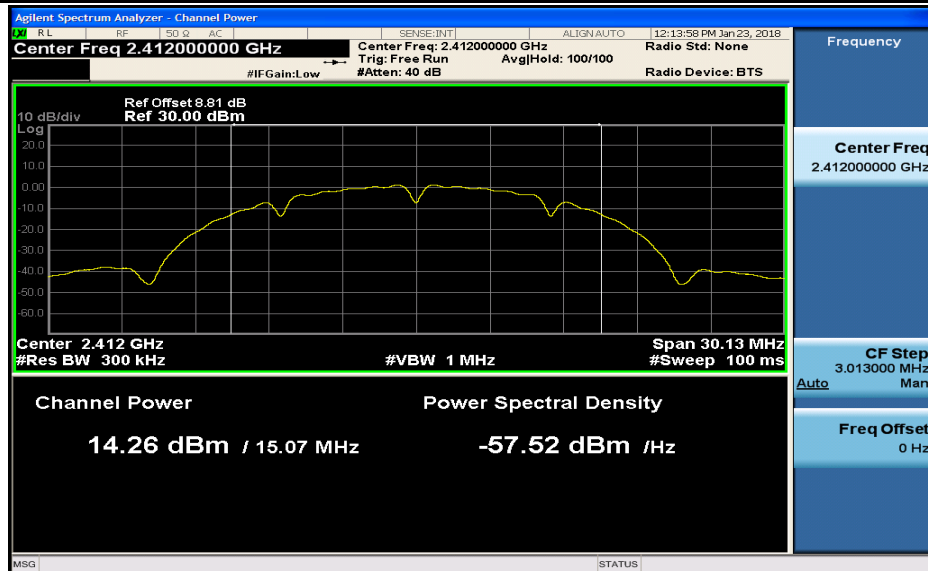
Maximum conducted (average) output power\_11N40SISO\_2437\_Ant0



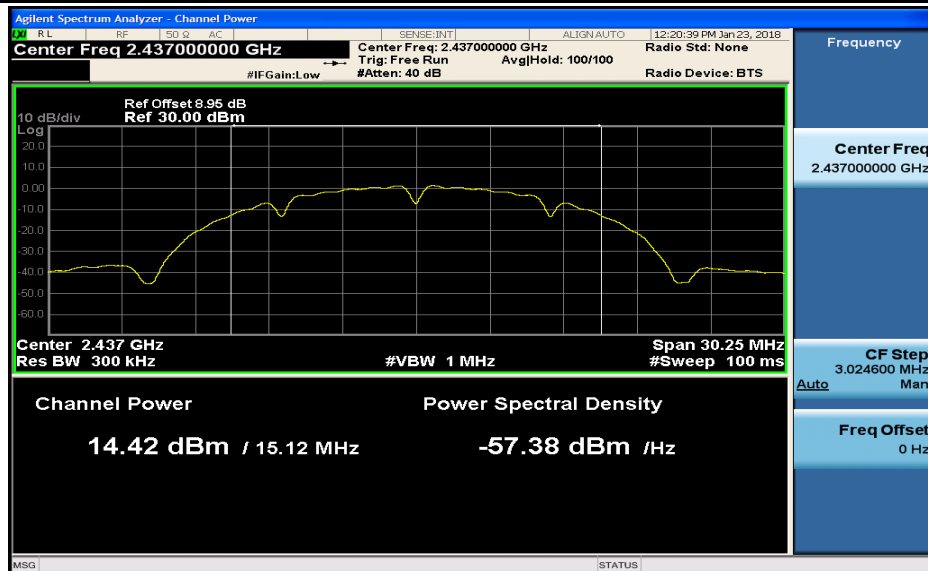
Maximum conducted (average) output power\_11N40SISO\_2452\_Ant0



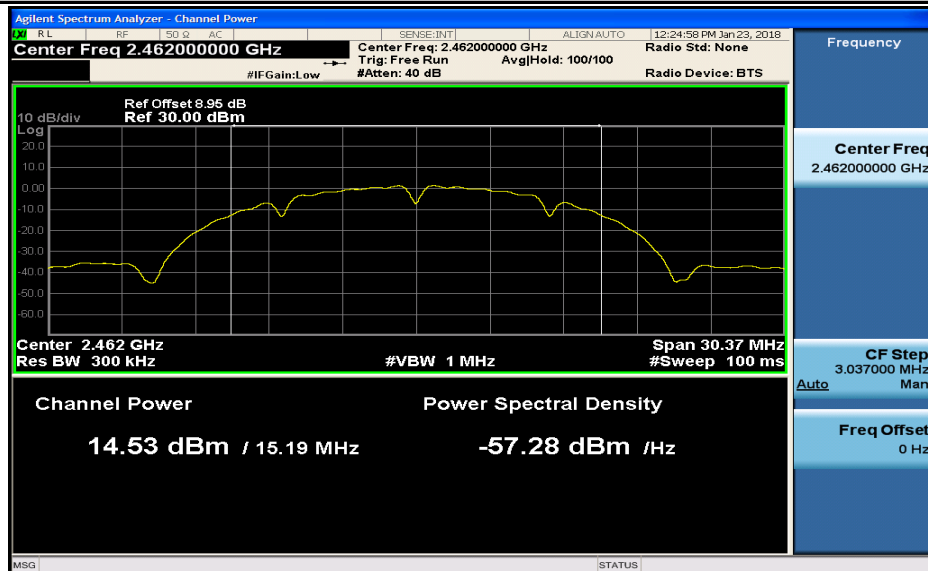
Maximum conducted (average) output power\_11B\_2412\_Ant1



Maximum conducted (average) output power\_11B\_2437\_Ant1

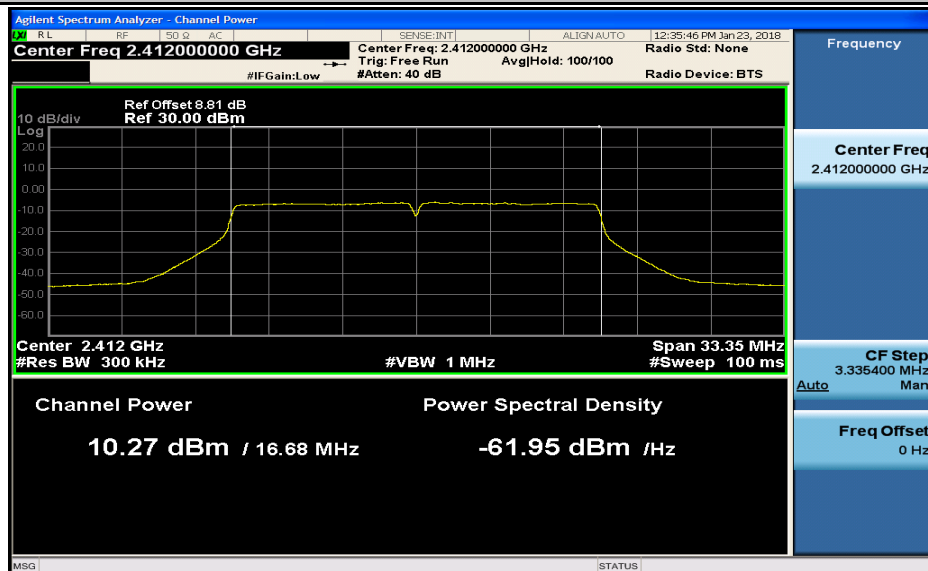


Maximum conducted (average) output power\_11B\_2462\_Ant1

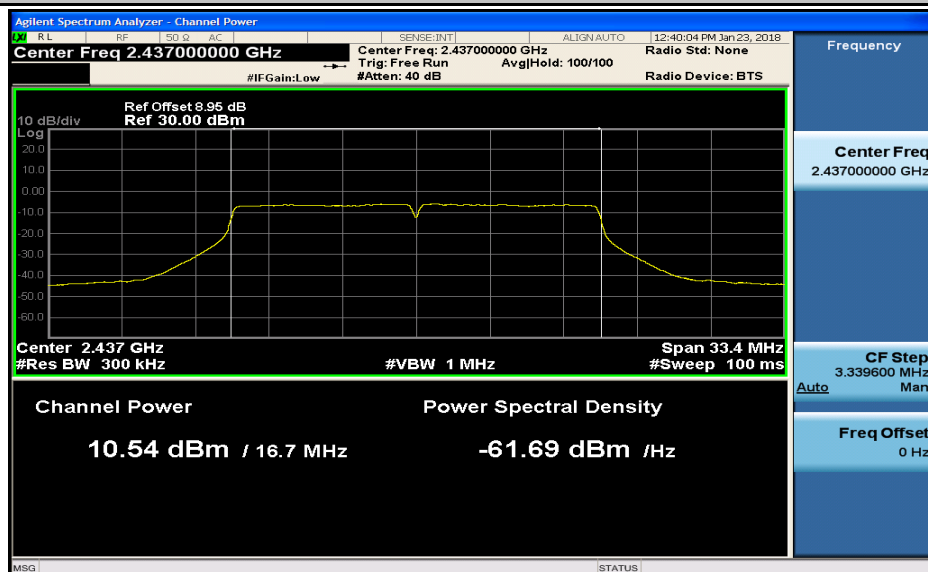




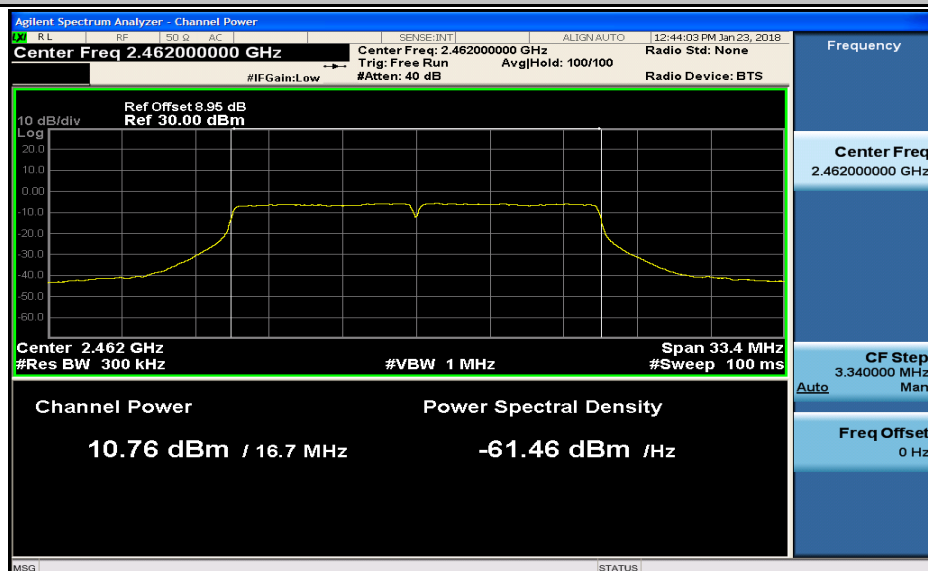
Maximum conducted (average) output power\_11G\_2412\_Ant1



Maximum conducted (average) output power\_11G\_2437\_Ant1

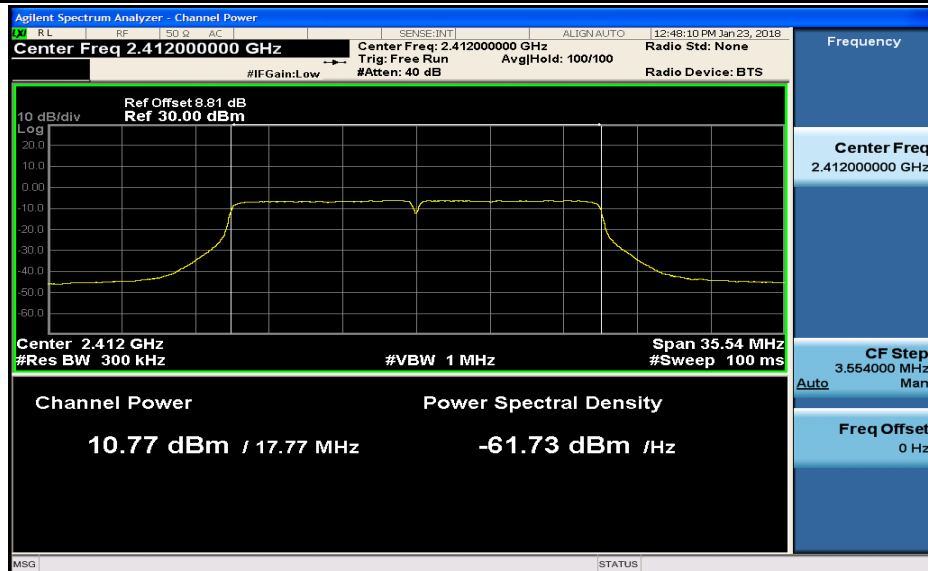


Maximum conducted (average) output power\_11G\_2462\_Ant1

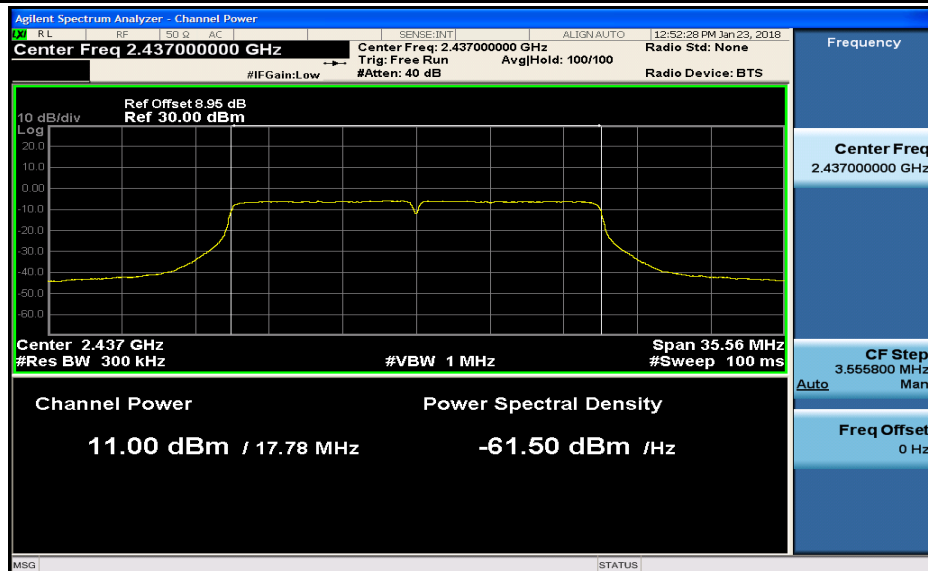




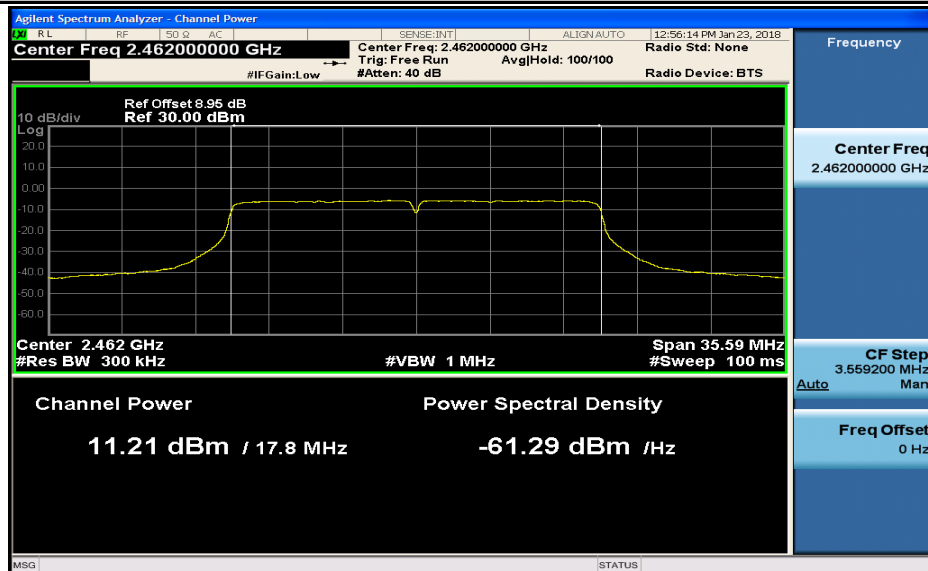
Maximum conducted (average) output power\_11N20SISO\_2412\_Ant1



Maximum conducted (average) output power\_11N20SISO\_2437\_Ant1



Maximum conducted (average) output power\_11N20SISO\_2462\_Ant1



### 3.Maximum(average) power spectral density

Test Mode	Test Channel	Level [dBm/3kHz]		10log(1/x) Factor[dB]		PSD[dBm/3kHz]			Limit[dBm/3kHz]	Verdict
		ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	MIMO		
11B	2412	-17.457	-18.512	0.00	0.00	-17.457	-18.512	N/A	8.00	PASS
11B	2437	-17.728	-18.348	0.00	0.00	-17.728	-18.348	N/A	8.00	PASS
11B	2462	-17.922	-18.292	0.00	0.00	-17.922	-18.292	N/A	8.00	PASS
11G	2412	-22.487	-22.921	0.00	0.00	-22.487	-22.921	N/A	8.00	PASS
11G	2437	-22.257	-22.131	0.00	0.00	-22.257	-22.131	N/A	8.00	PASS
11G	2462	-21.862	-21.935	0.00	0.00	-21.862	-21.935	N/A	8.00	PASS
11N20SISO	2412	-22.848	-22.947	0.00	0.00	-22.848	-22.947	-19.89	8.00	PASS
11N20SISO	2437	-22.325	-22.381	0.00	0.00	-22.325	-22.381	-19.34	8.00	PASS
11N20SISO	2462	-22.276	-22.475	0.00	0.00	-22.276	-22.475	-19.36	8.00	PASS
11N40SISO	2422	-23.728	-23.738	0.00	0.00	-23.728	-23.738	-20.72	8.00	PASS
11N40SISO	2437	-23.977	-24.041	0.00	0.00	-23.977	-24.041	-21.00	8.00	PASS
11N40SISO	2452	-24.008	-24.024	0.00	0.00	-24.008	-24.024	-21.01	8.00	PASS

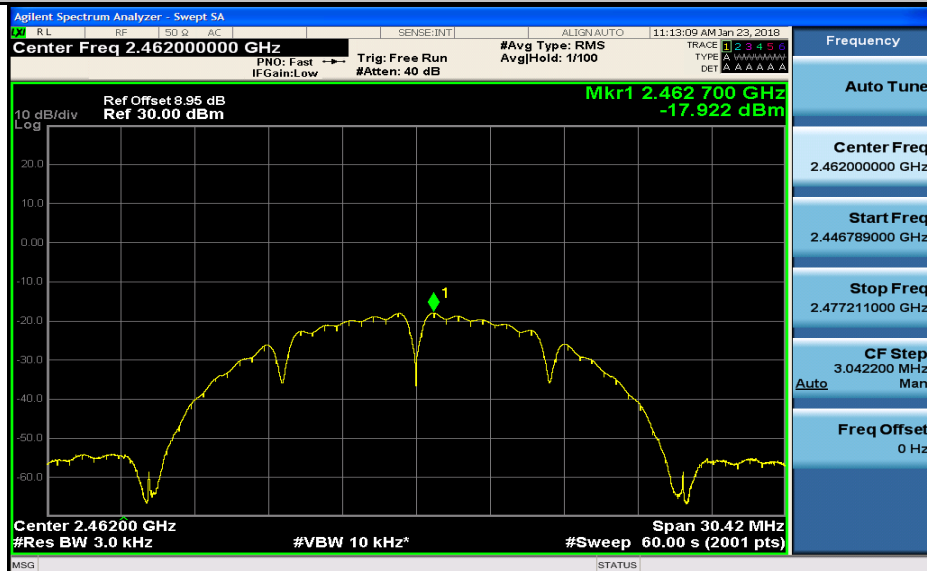
Maximum(average) power spectral density\_11B\_2412\_Ant0



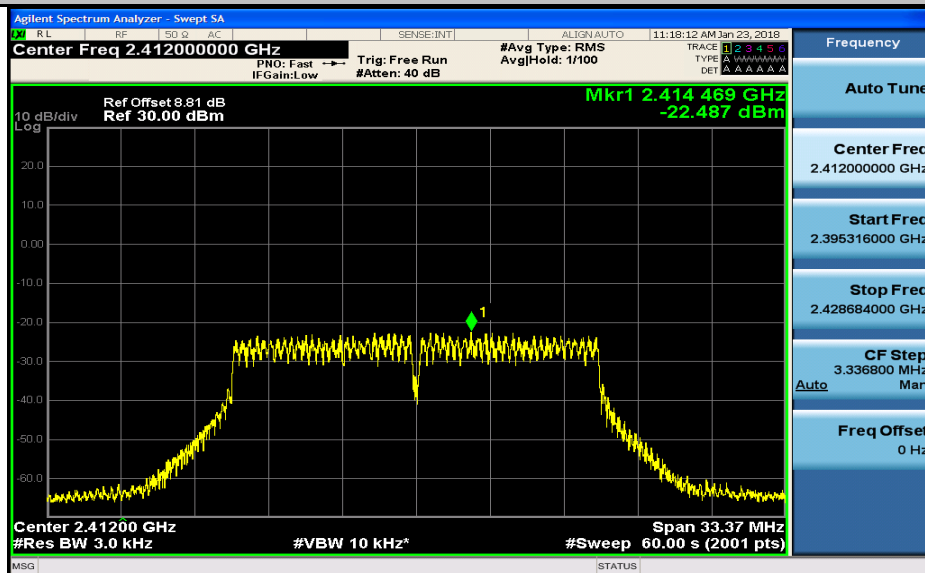
Maximum(average) power spectral density\_11B\_2437\_Ant0



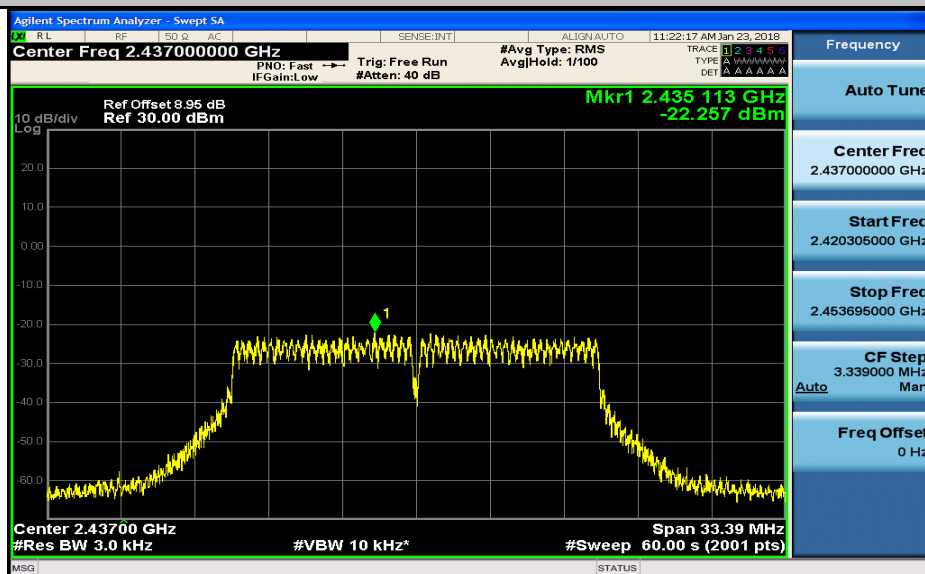
Maximum(average) power spectral density\_11B\_2462\_Ant0



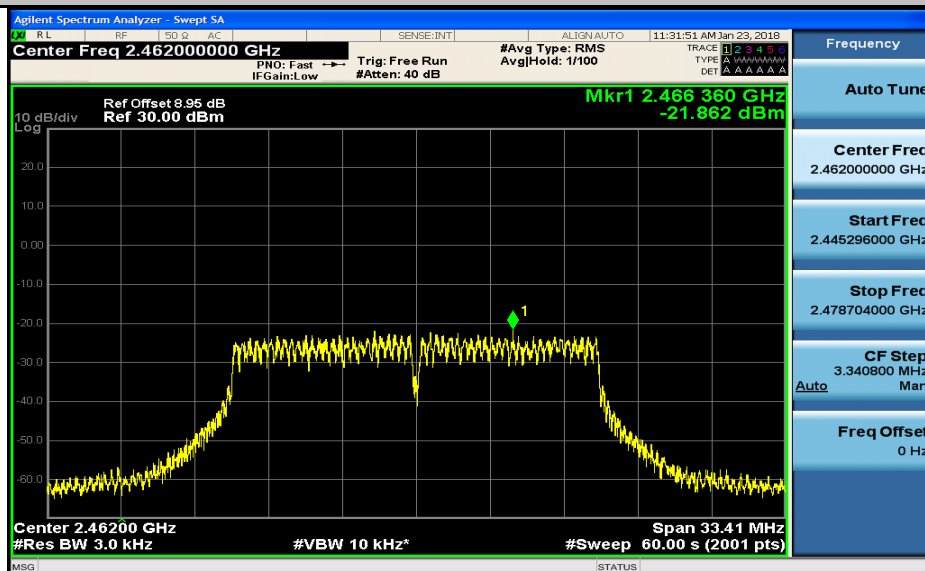
Maximum(average) power spectral density\_11G\_2412\_Ant0



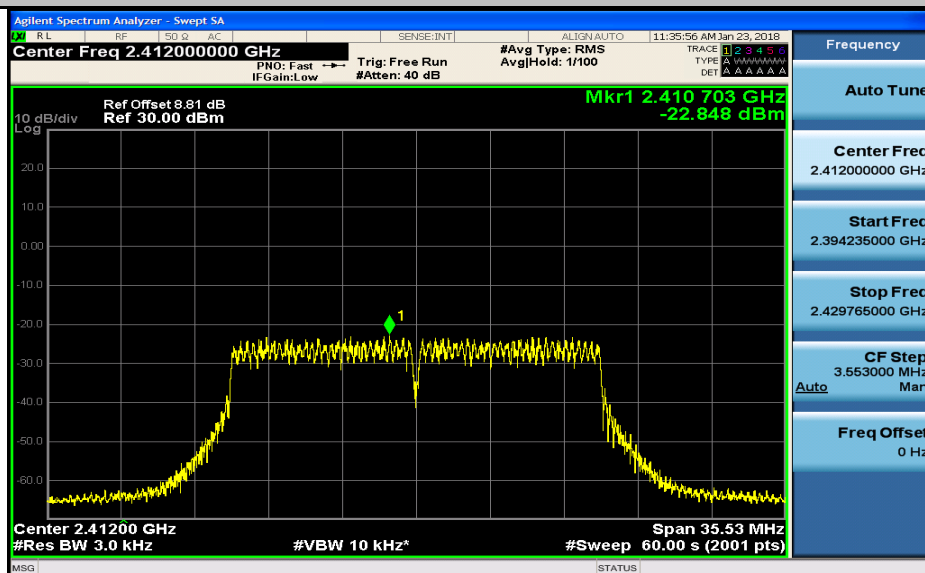
Maximum(average) power spectral density\_11G\_2437\_Ant0



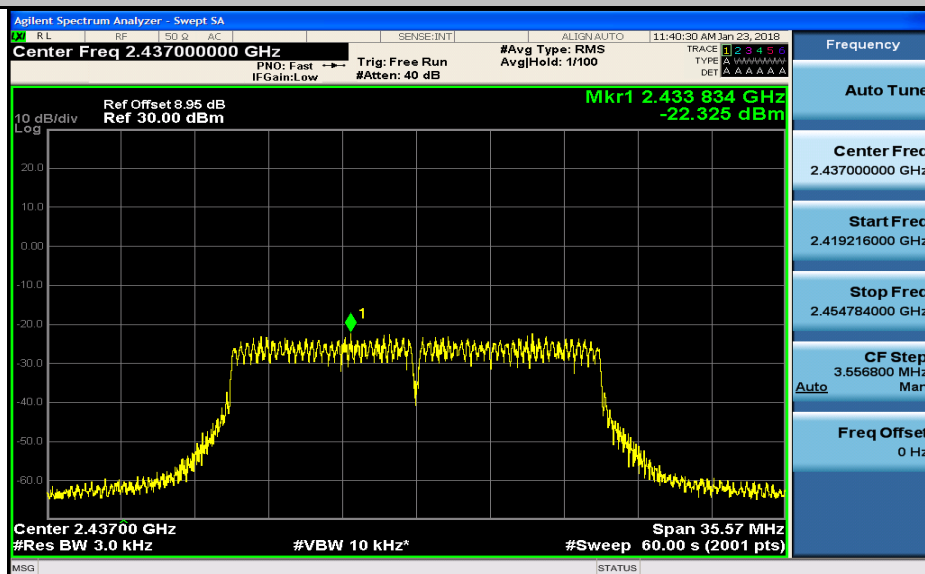
Maximum(average) power spectral density\_11G\_2462\_Ant0



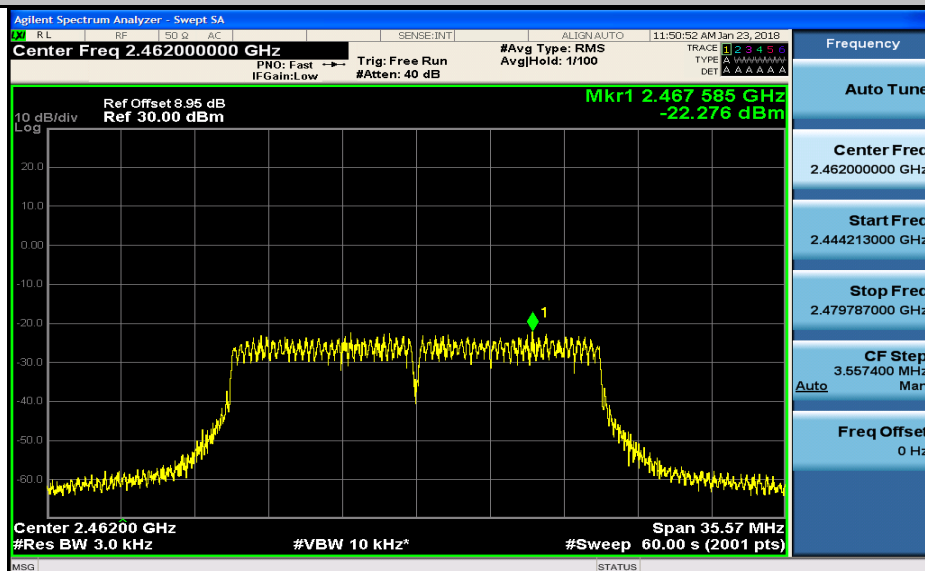
Maximum(average) power spectral density\_11N20SISO\_2412\_Ant0



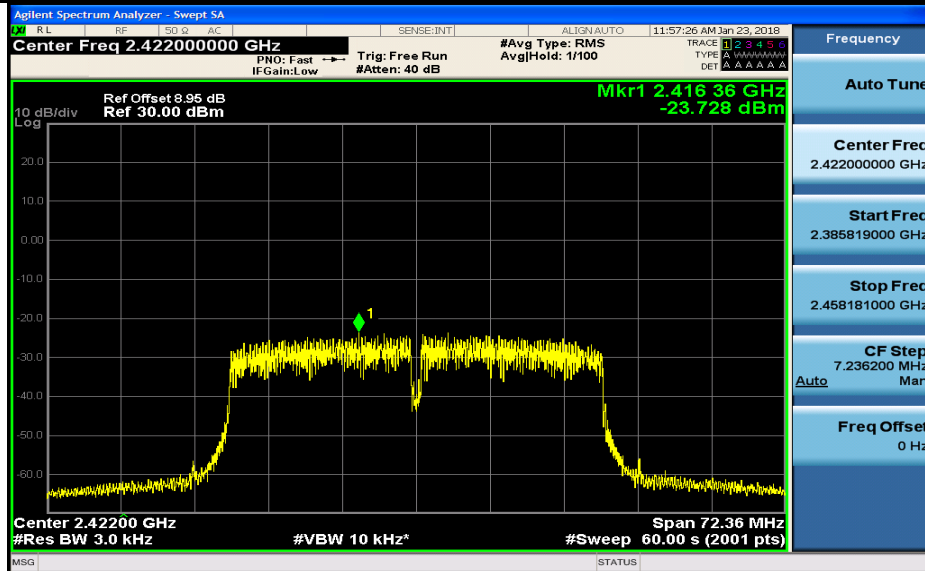
Maximum(average) power spectral density\_11N20SISO\_2437\_Ant0



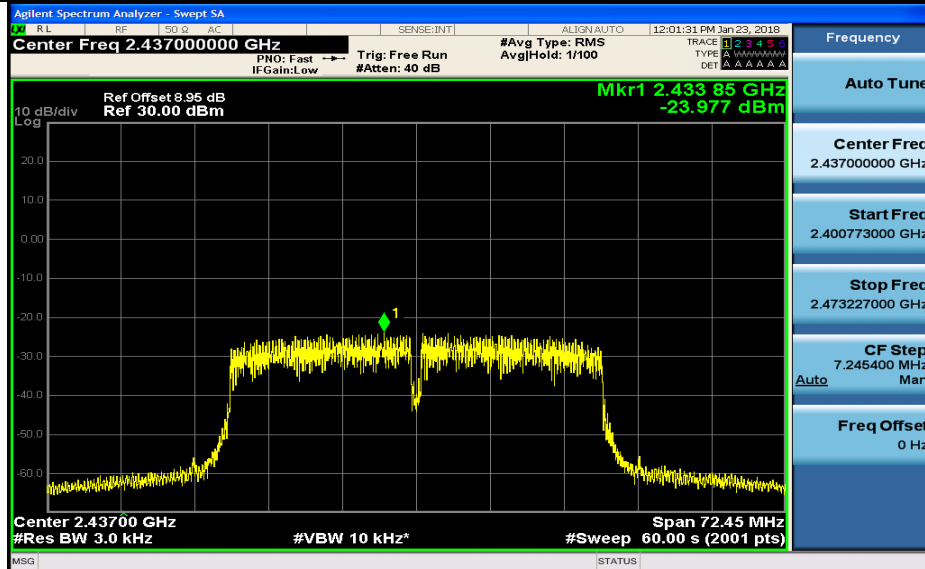
Maximum(average) power spectral density\_11N20SISO\_2462\_Ant0



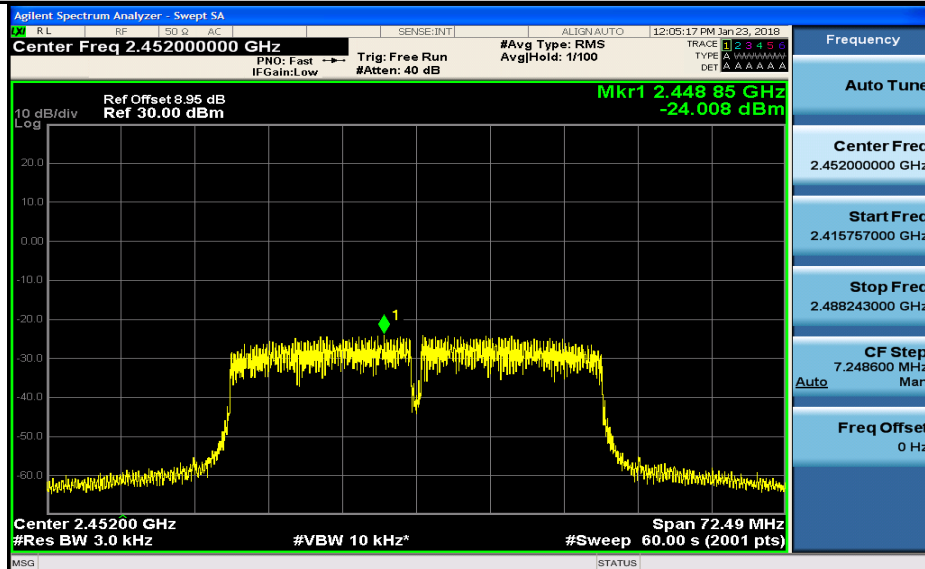
Maximum(average) power spectral density\_11N40SISO\_2422\_Ant0



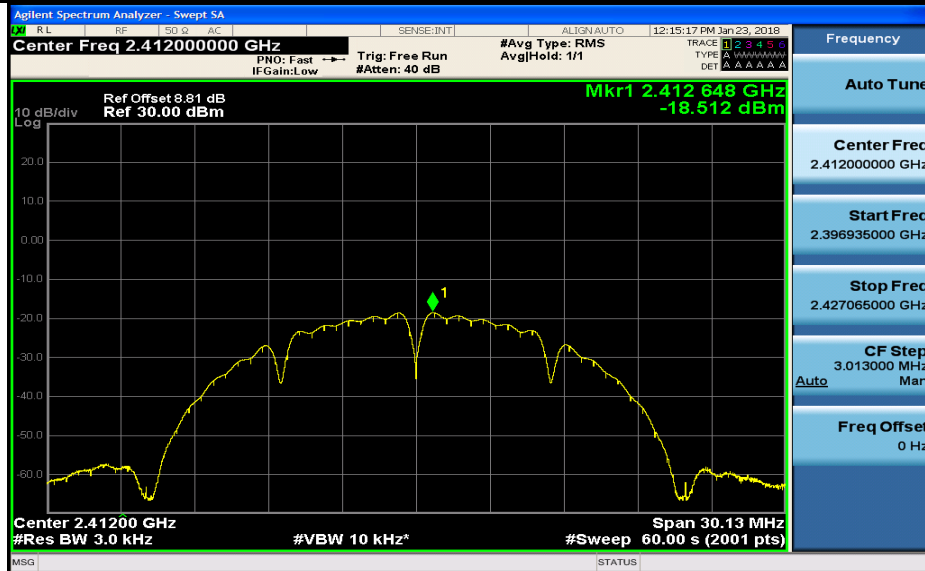
Maximum(average) power spectral density\_11N40SISO\_2437\_Ant0



Maximum(average) power spectral density\_11N40SISO\_2452\_Ant0



Maximum(average) power spectral density\_11B\_2412\_Ant1



Maximum(average) power spectral density\_11B\_2437\_Ant1

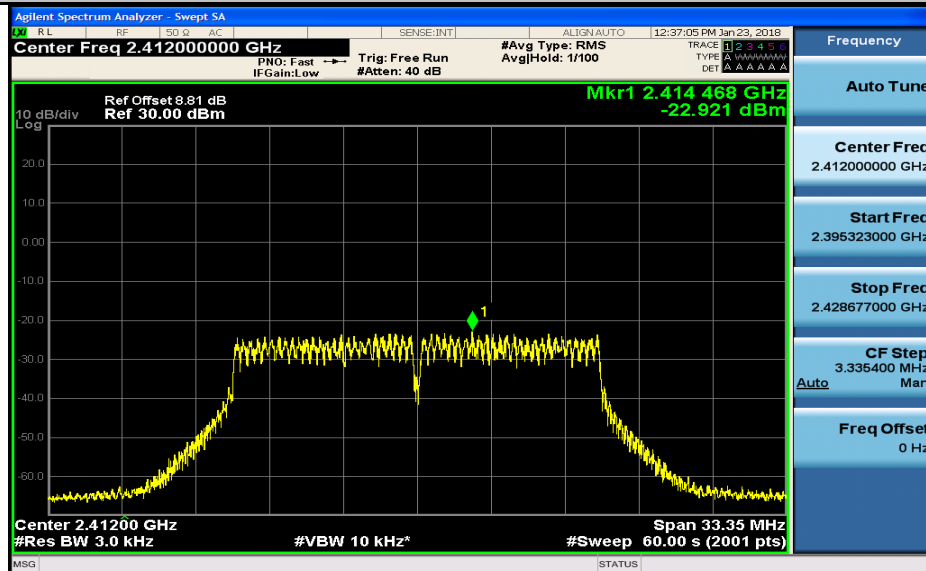


Maximum(average) power spectral density\_11B\_2462\_Ant1

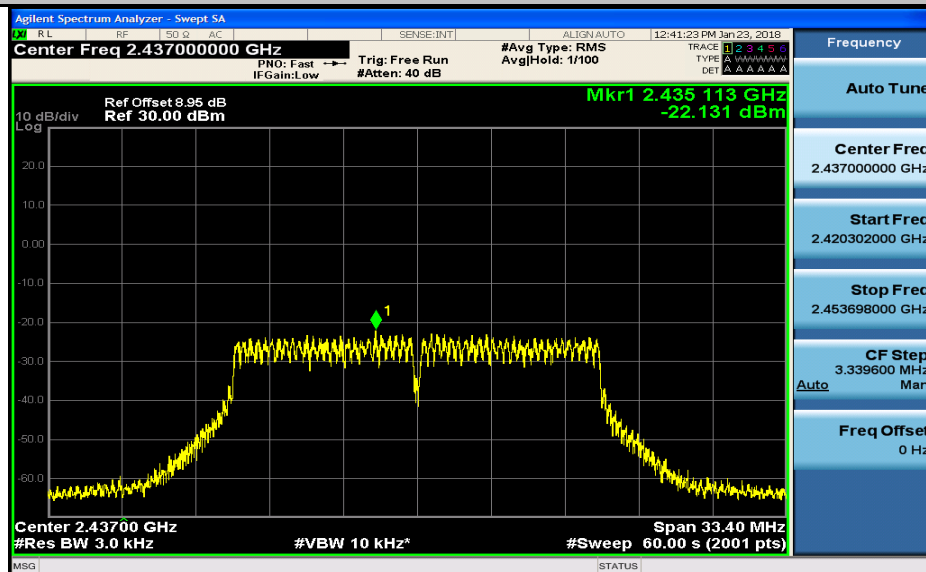




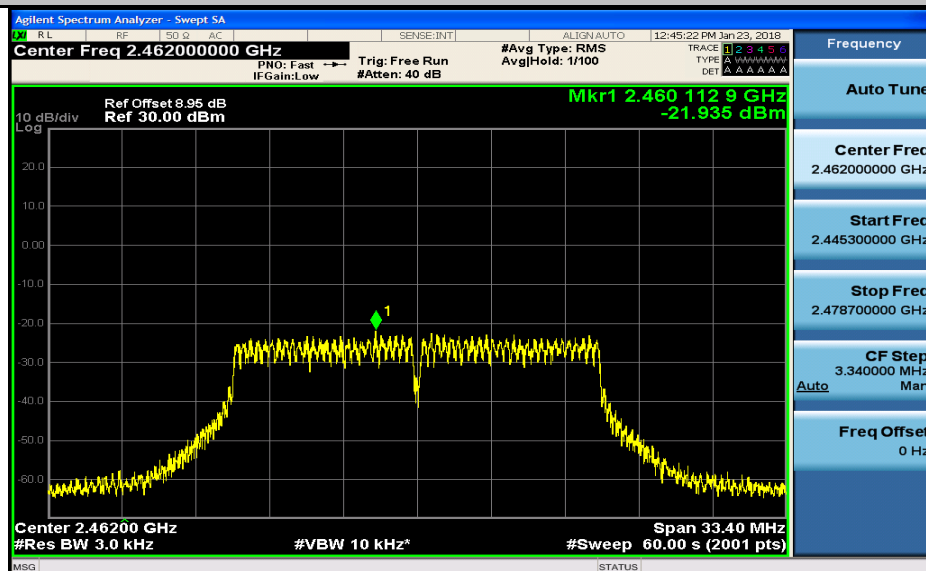
Maximum(average) power spectral density\_11G\_2412\_Ant1



Maximum(average) power spectral density\_11G\_2437\_Ant1

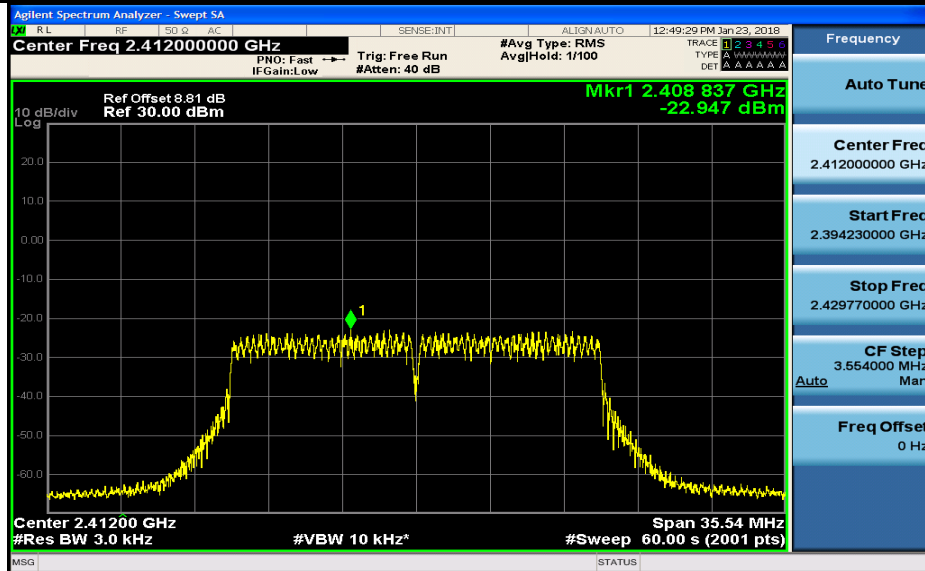


Maximum(average) power spectral density\_11G\_2462\_Ant1

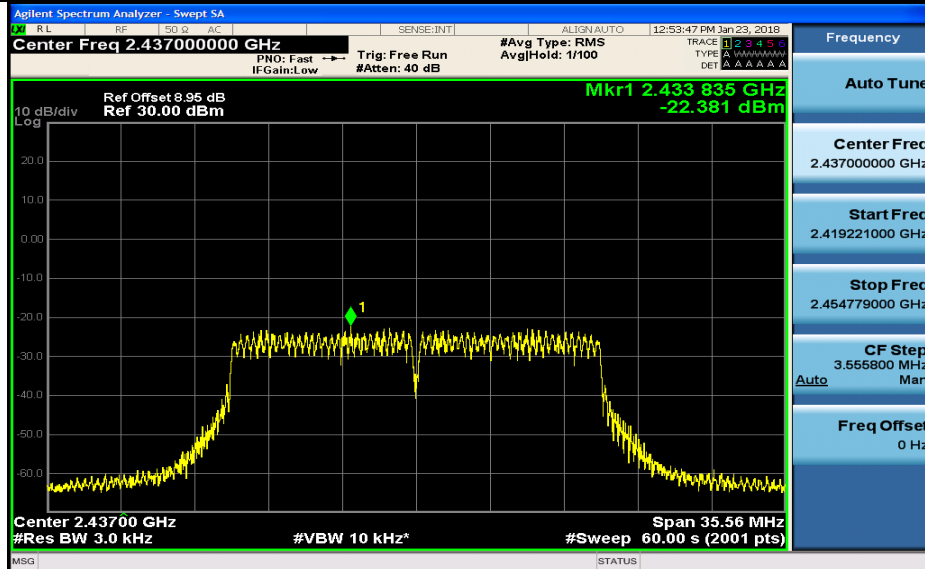




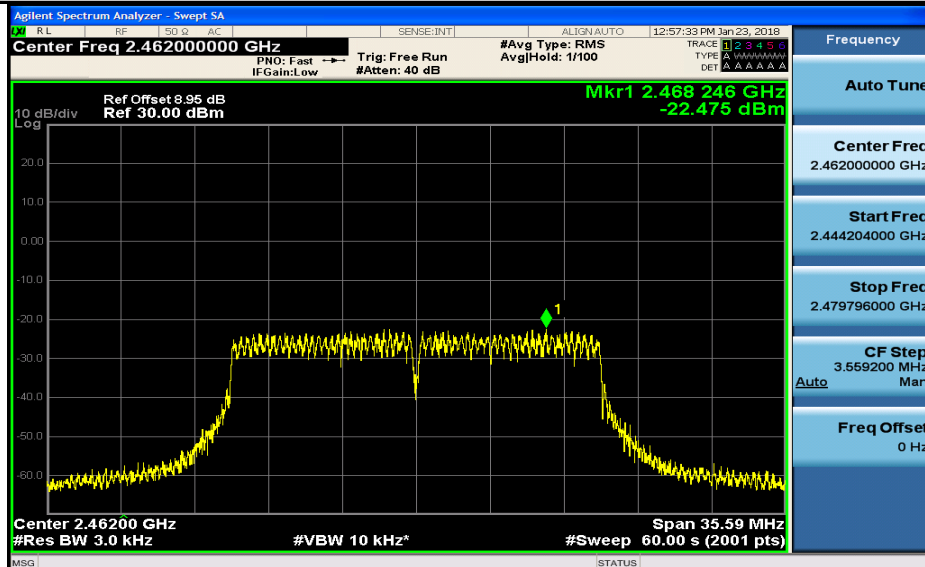
Maximum(average) power spectral density\_11N20SISO\_2412\_Ant1



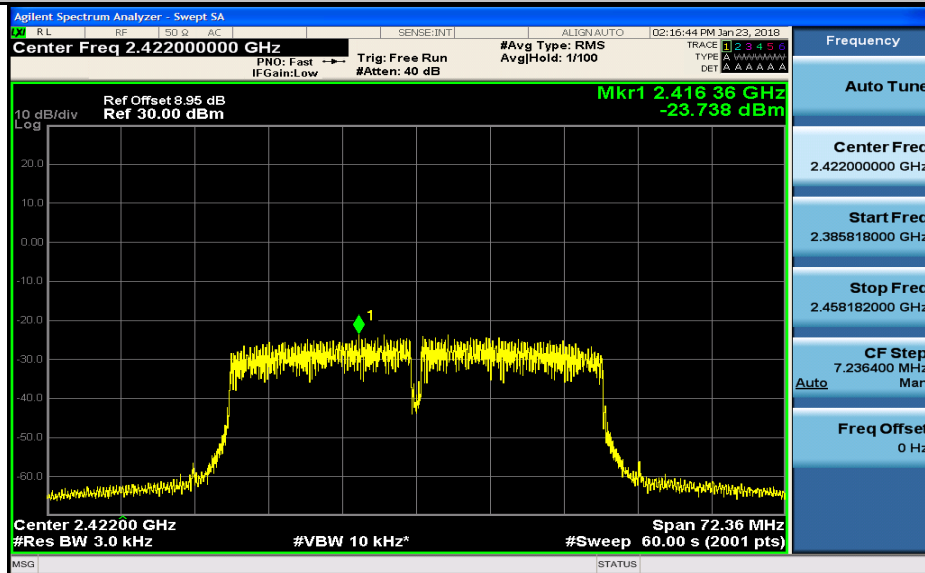
Maximum(average) power spectral density\_11N20SISO\_2437\_Ant1



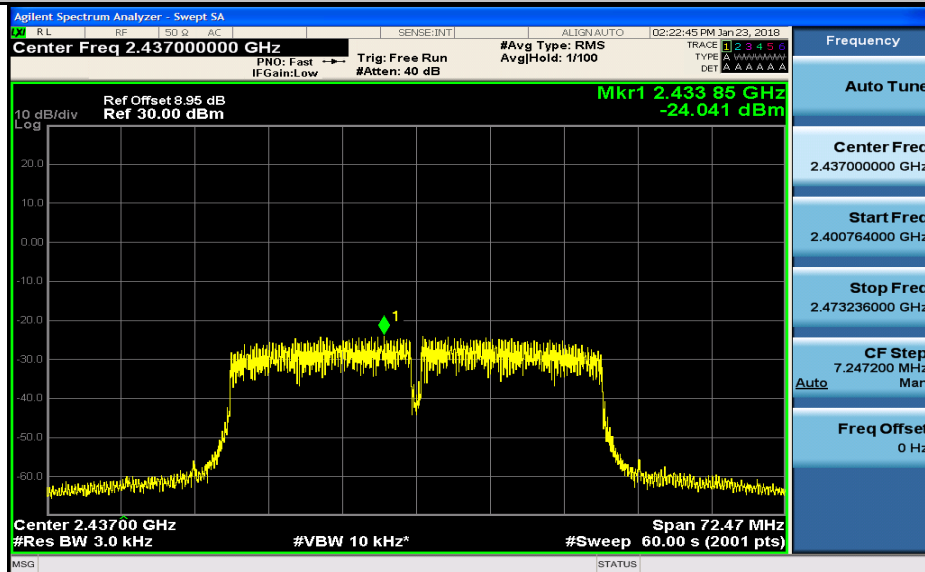
Maximum(average) power spectral density\_11N20SISO\_2462\_Ant1



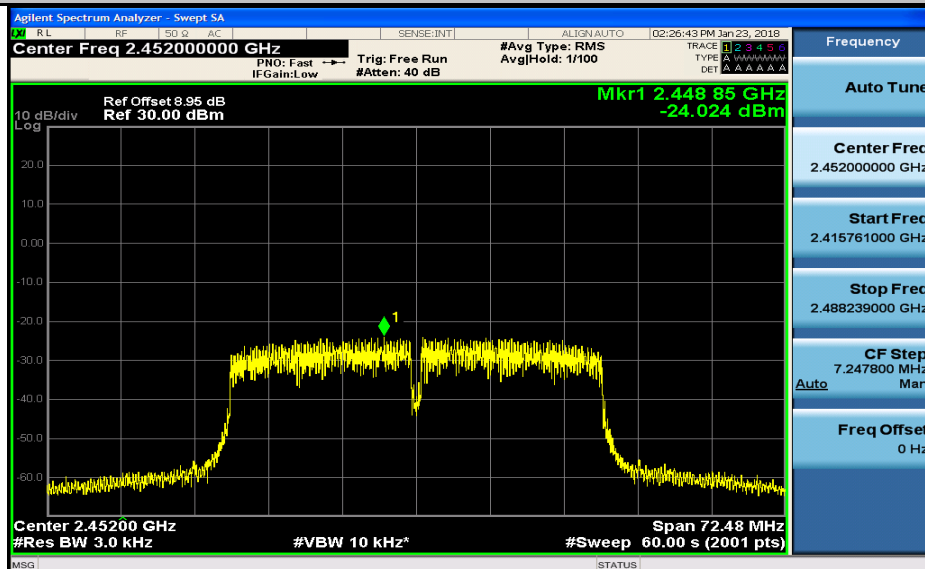
Maximum(average) power spectral density\_11N40SISO\_2422\_Ant1



Maximum(average) power spectral density\_11N40SISO\_2437\_Ant1



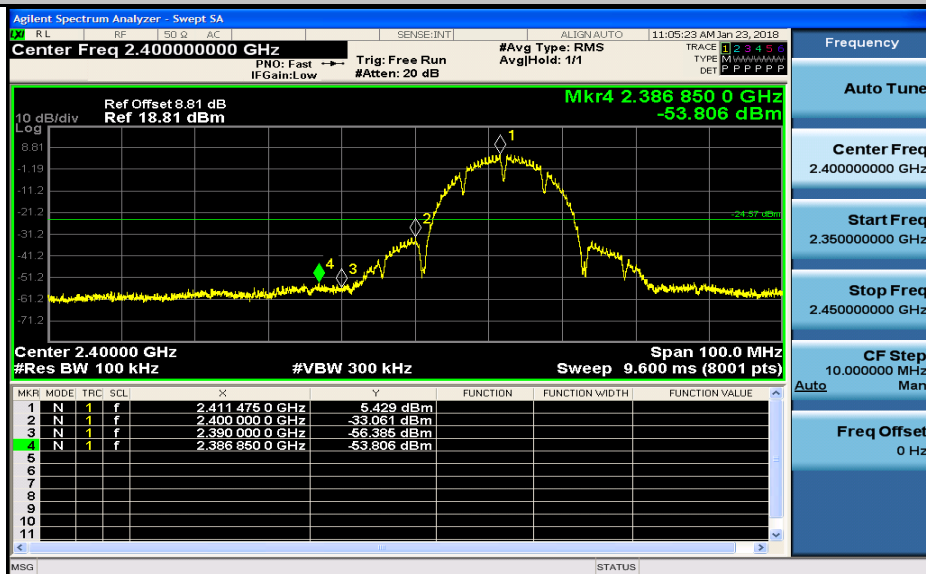
Maximum(average) power spectral density\_11N40SISO\_2452\_Ant1



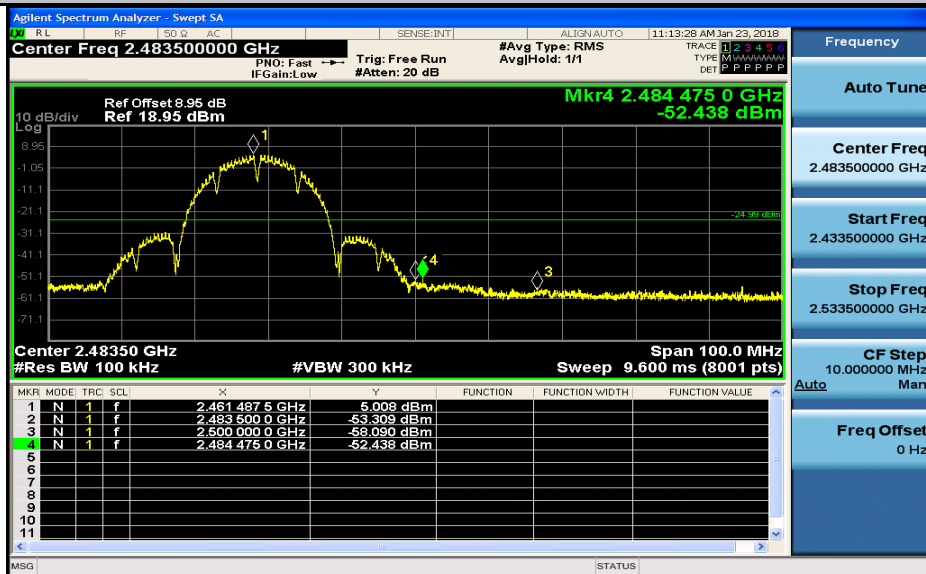
#### 4.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Carrier Power[dBm]		Max. Spurious Level [dBm]		Limit [dBm]		Verdict
		ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	
11B	2412	5.429	4.473	-33.061	-35.740	-24.57	-25.53	PASS
11B	2462	5.008	4.730	-52.438	-53.328	-24.99	-25.27	PASS
11G	2412	-1.858	-2.360	-39.493	-40.497	-31.86	-32.36	PASS
11G	2462	-1.803	-1.558	-46.949	-48.164	-31.8	-31.56	PASS
11N20SISO	2412	-2.499	-2.647	-39.819	-38.281	-32.5	-32.65	PASS
11N20SISO	2462	-2.011	-1.937	-44.259	-43.384	-32.01	-31.94	PASS
11N40SISO	2422	-3.574	-3.739	-37.746	-38.694	-33.57	-33.74	PASS
11N40SISO	2452	-3.586	-3.507	-38.291	-38.338	-33.59	-33.51	PASS

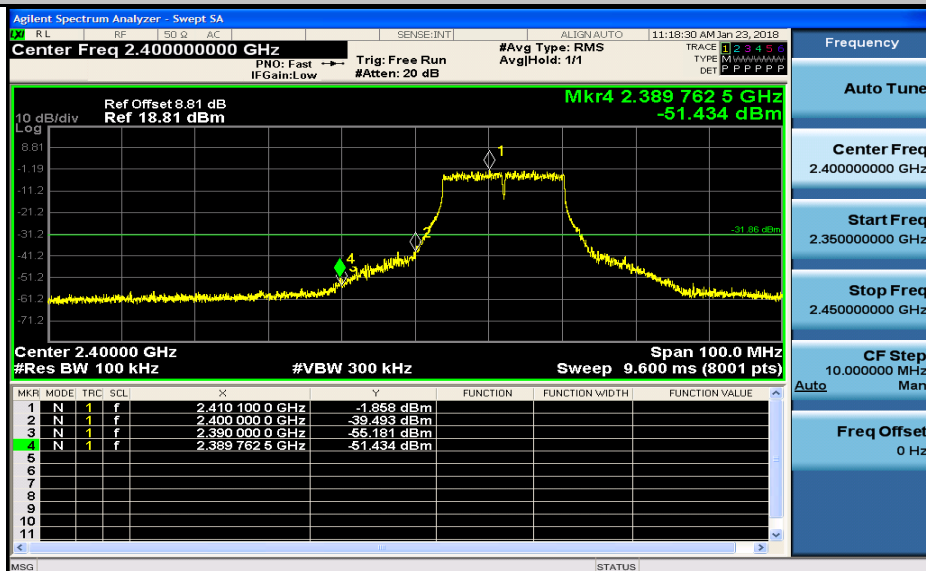
## Band-edge for RF Conducted Emissions\_11B\_2412\_Ant0



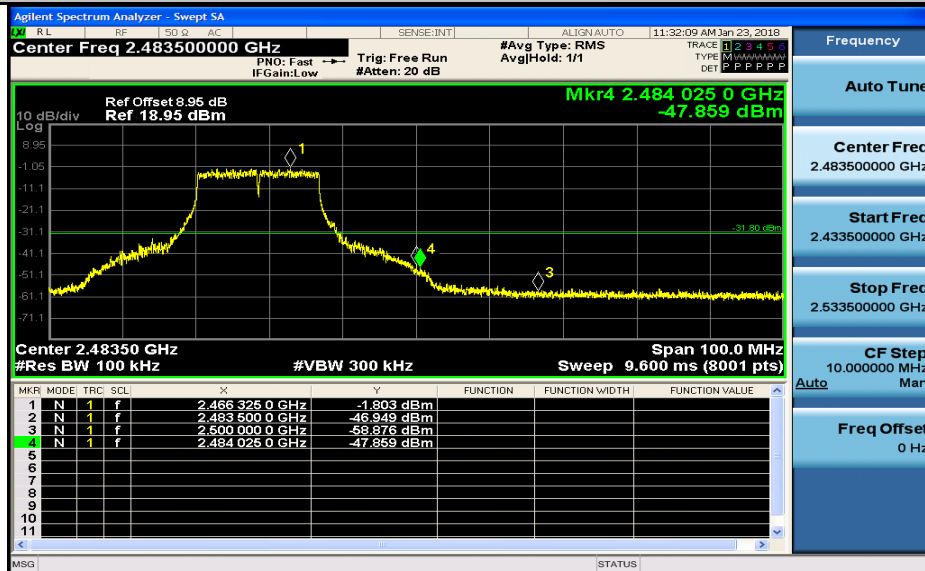
## Band-edge for RF Conducted Emissions\_11B\_2462\_Ant0



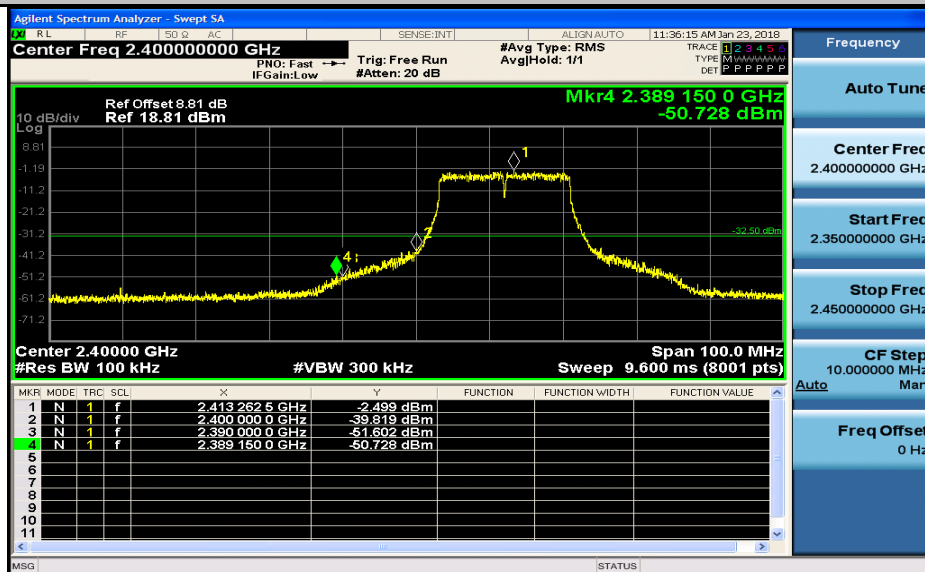
## Band-edge for RF Conducted Emissions\_11G\_2412\_Ant0



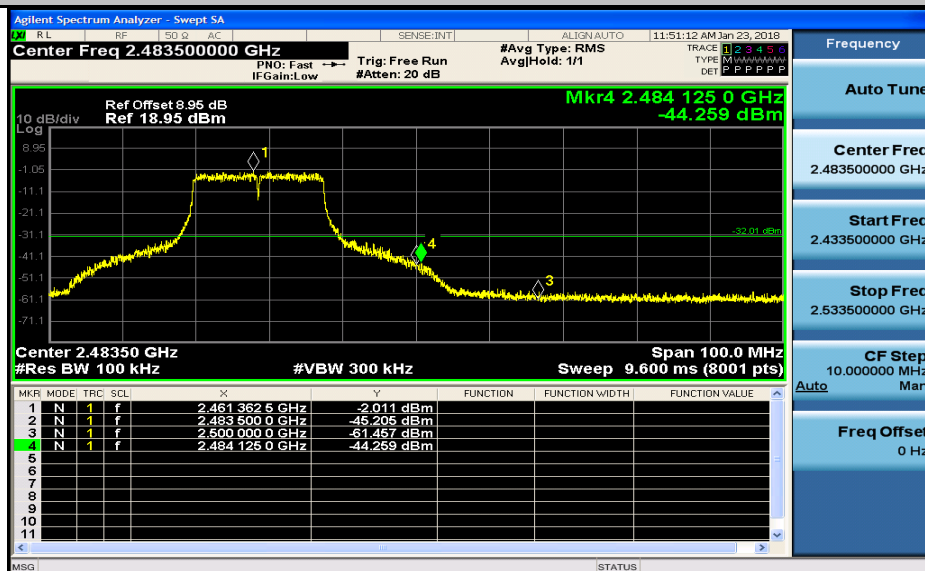
### Band-edge for RF Conducted Emissions\_11G\_2462\_Ant0



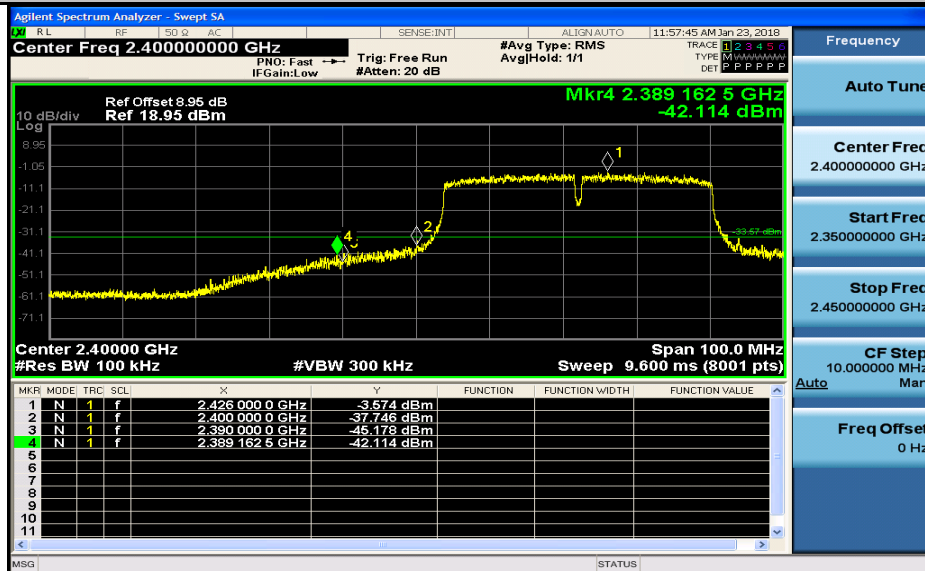
### Band-edge for RF Conducted Emissions\_11N20SISO\_2412\_Ant0



### Band-edge for RF Conducted Emissions\_11N20SISO\_2462\_Ant0



### Band-edge for RF Conducted Emissions\_11N40SISO\_2422\_Ant0



### Band-edge for RF Conducted Emissions\_11N40SISO\_2452\_Ant0



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

