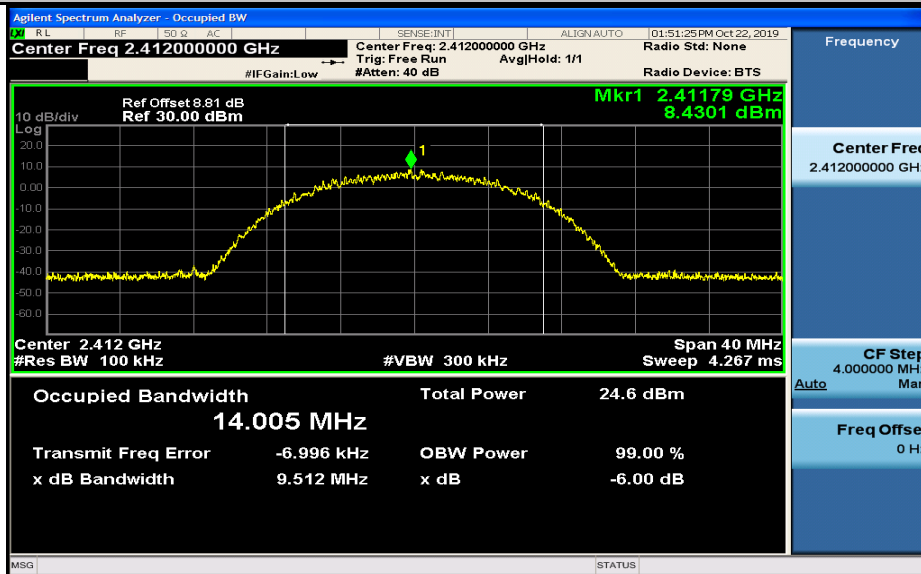


Appendix A for SHEM191001790101

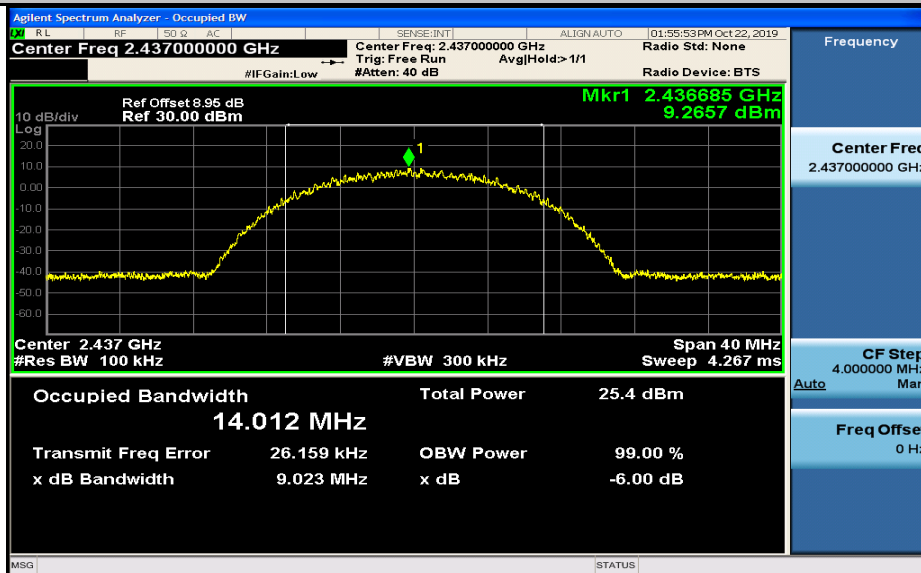
1.6dB Bandwidth

Test Mode	Test	EBW[MHz]		Limit	Verdict
		Ant1	Ant2		
11B	2412	9.51	9.02	0.5	PASS
11B	2437	9.02	9.02	0.5	PASS
11B	2462	9.02	9.02	0.5	PASS
11G	2412	15.10	15.11	0.5	PASS
11G	2437	15.08	15.11	0.5	PASS
11G	2462	15.11	15.11	0.5	PASS
11N20SISO	2412	15.09	15.45	0.5	PASS
11N20SISO	2437	15.10	15.09	0.5	PASS
11N20SISO	2462	15.11	15.10	0.5	PASS

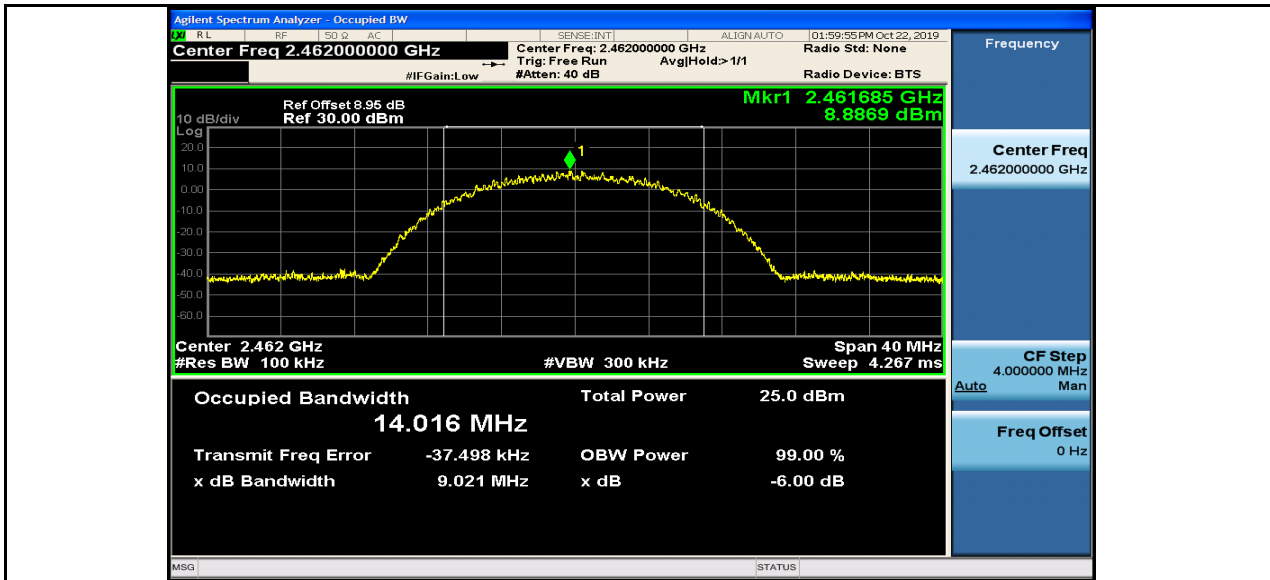
6dB Bandwidth\_11B\_2412\_Ant1



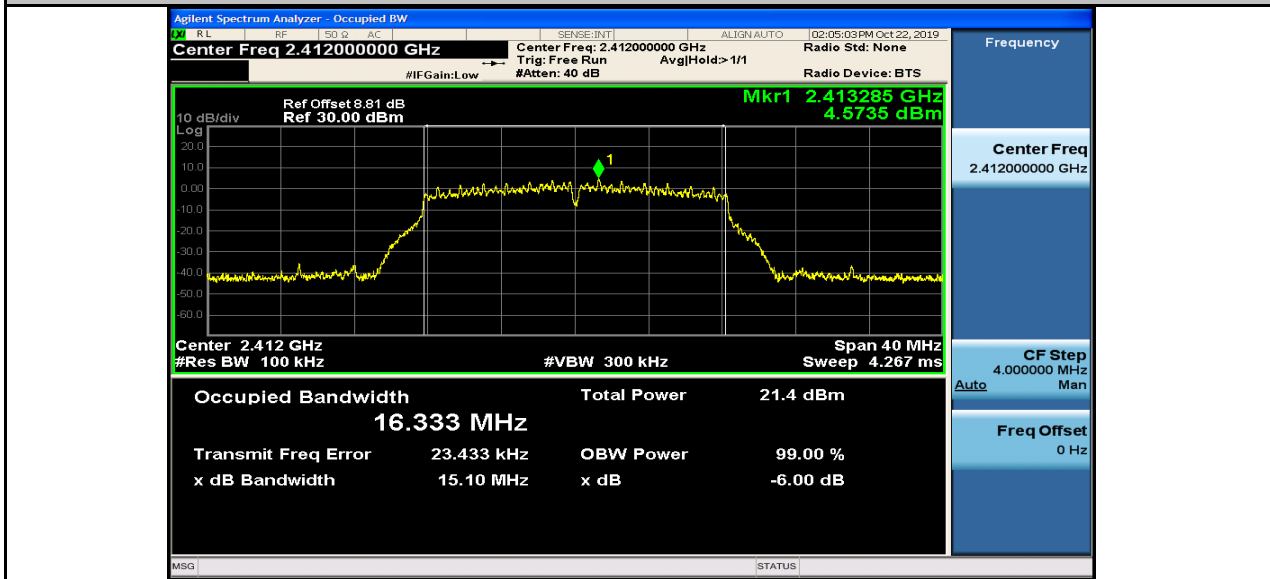
6dB Bandwidth\_11B\_2437\_Ant1



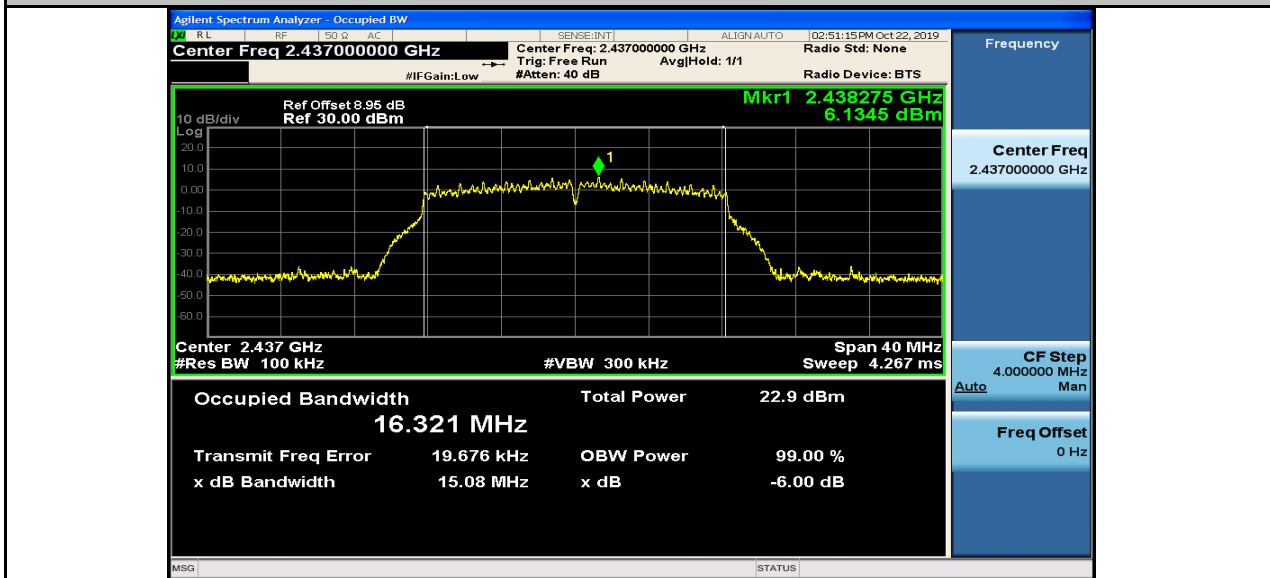
6dB Bandwidth\_11B\_2462\_Ant1



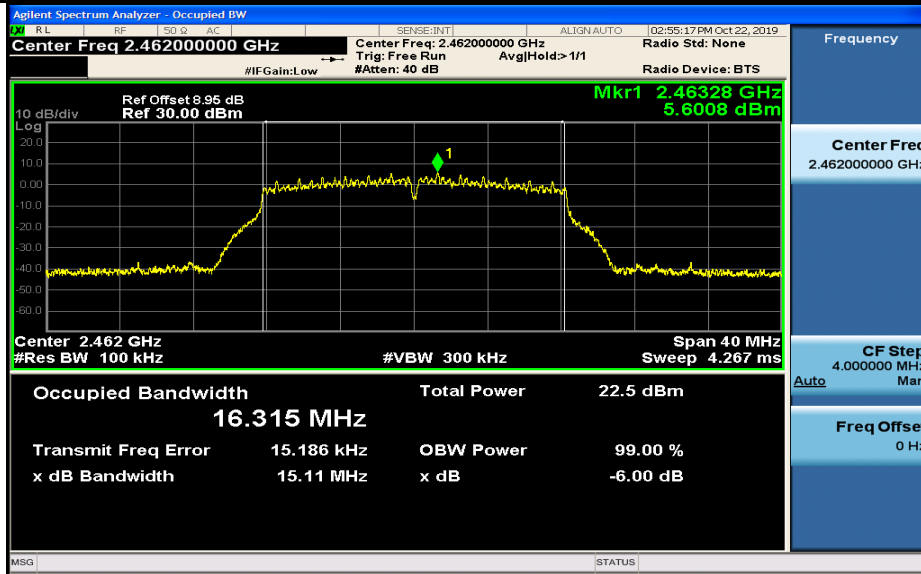
6dB Bandwidth\_11G\_2412\_Ant1



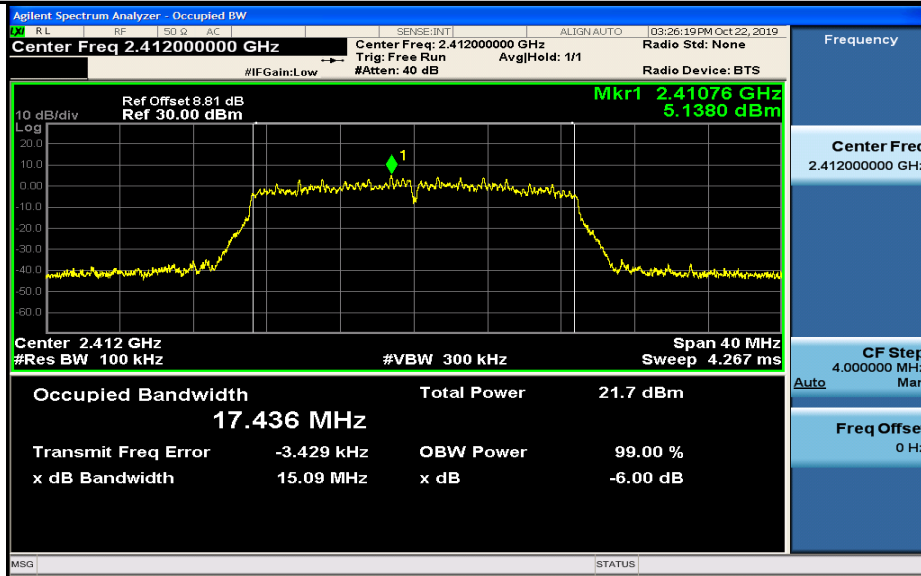
6dB Bandwidth\_11G\_2437\_Ant1



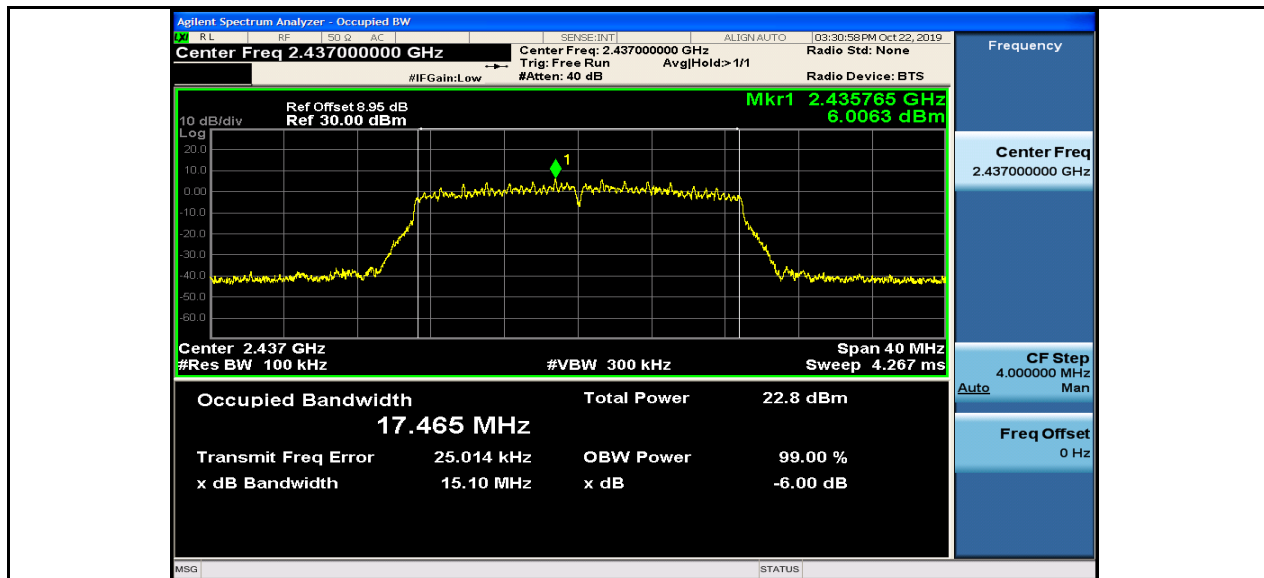
6dB Bandwidth\_11G\_2462\_Ant1



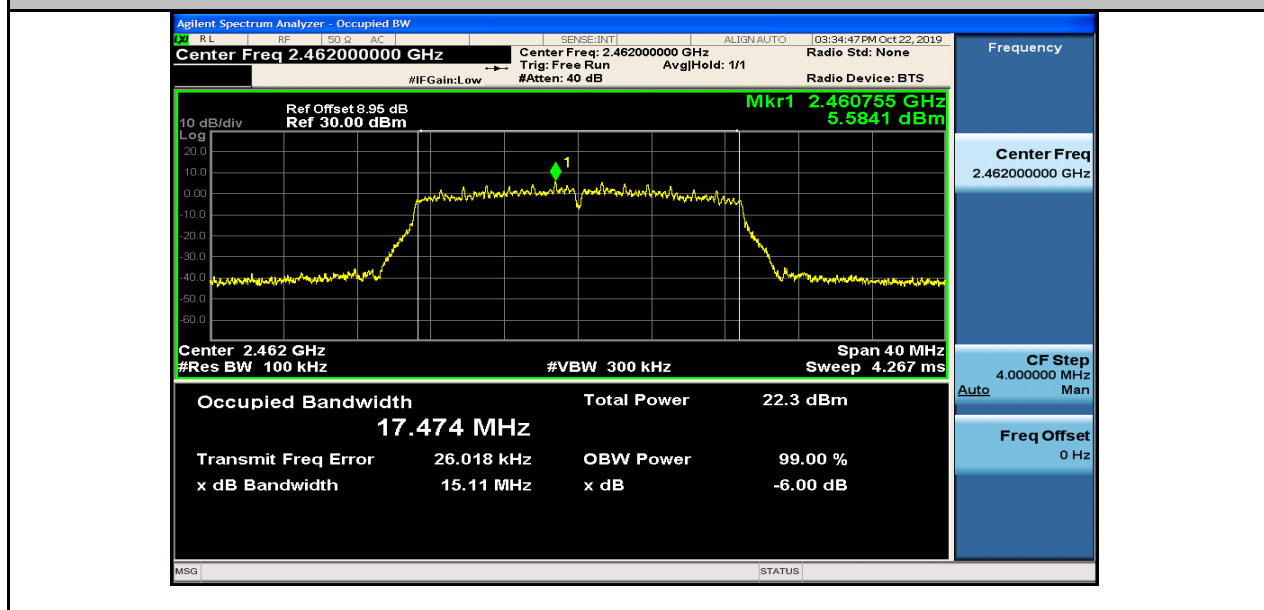
6dB Bandwidth\_11N20SISO\_2412\_Ant1



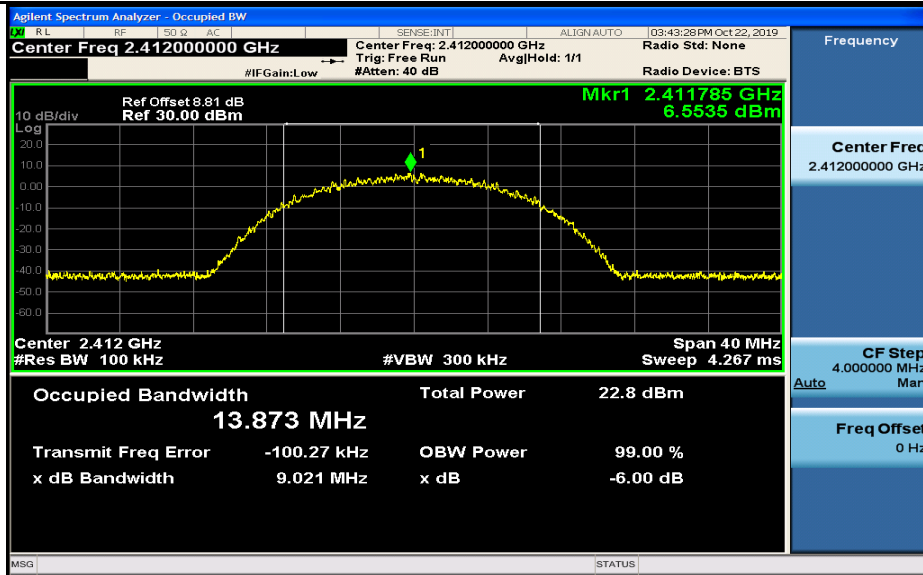
6dB Bandwidth\_11N20SISO\_2437\_Ant1



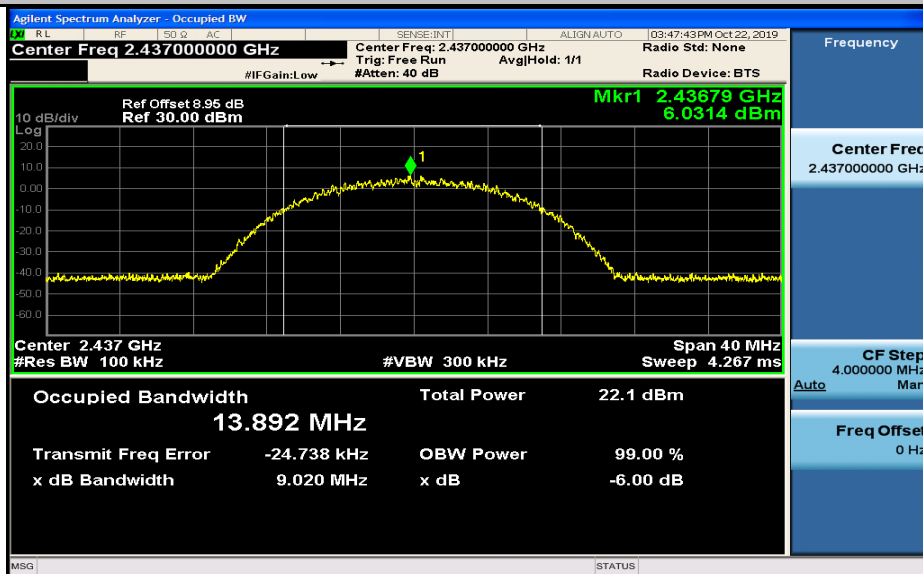
6dB Bandwidth\_11N20SISO\_2462\_Ant1



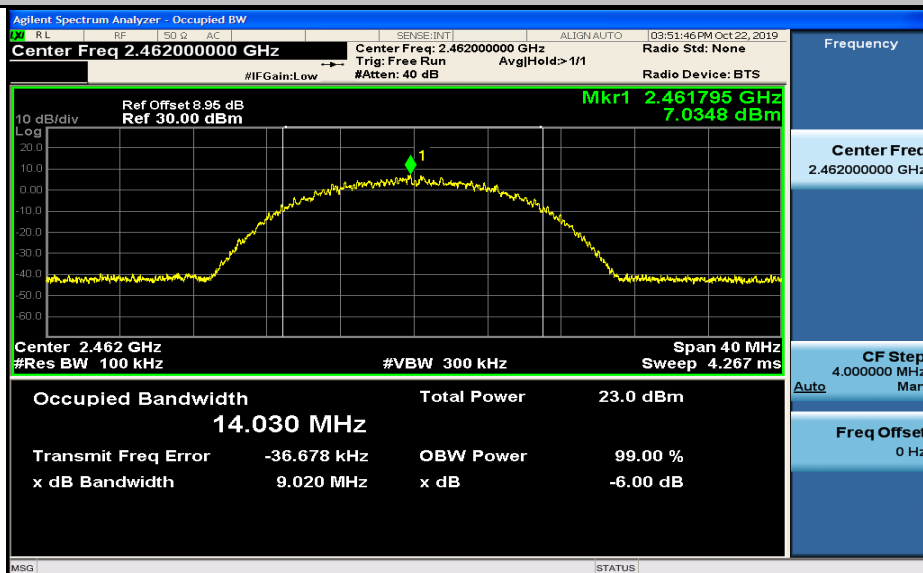
6dB Bandwidth\_11B\_2412\_Ant2



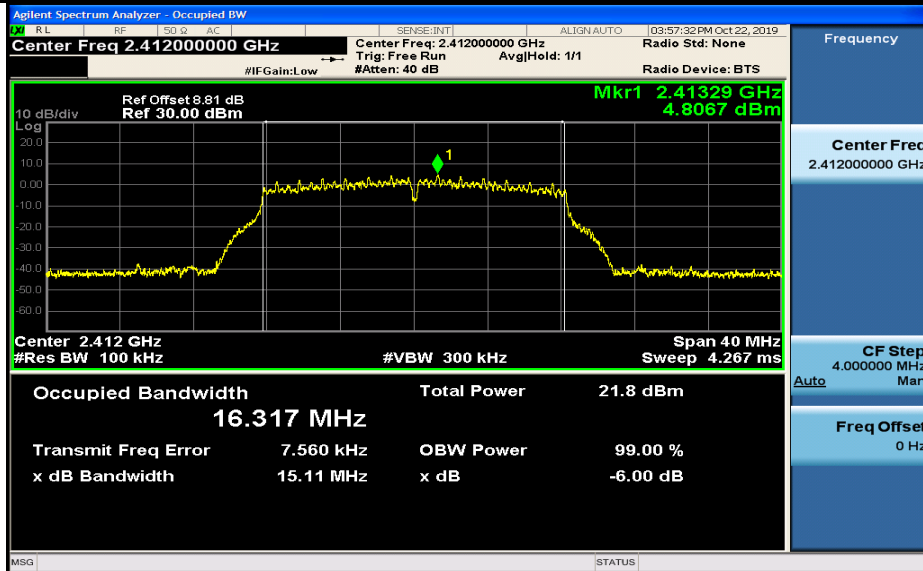
6dB Bandwidth\_11B\_2437\_Ant2



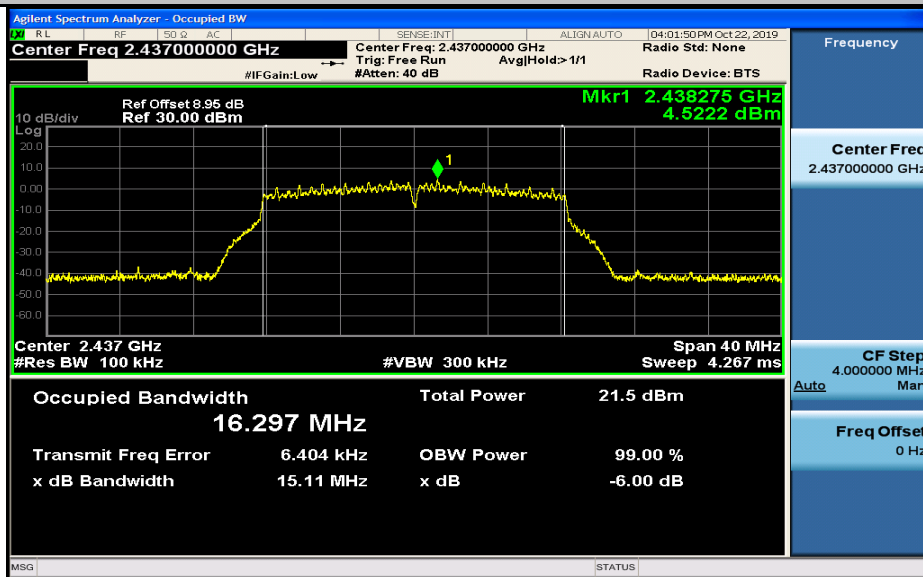
6dB Bandwidth\_11B\_2462\_Ant2



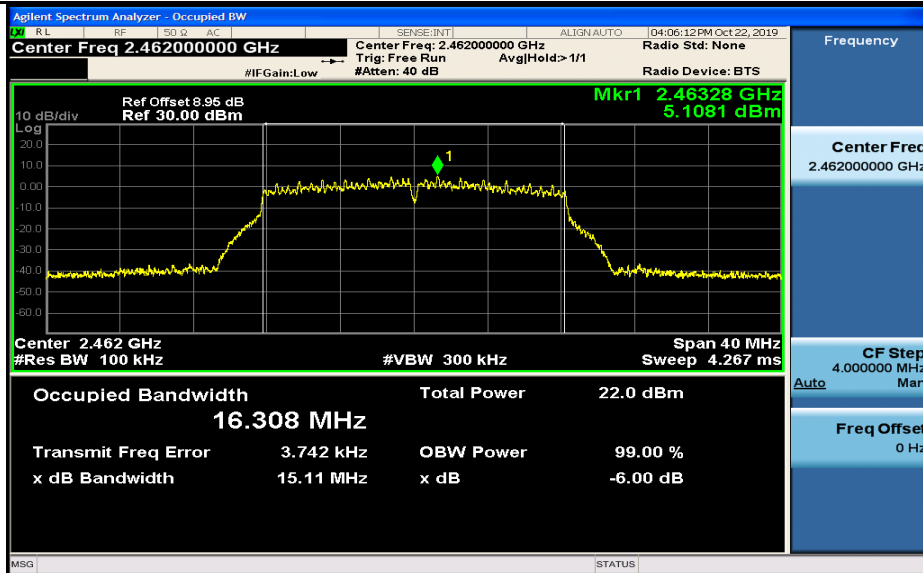
6dB Bandwidth\_11G\_2412\_Ant2



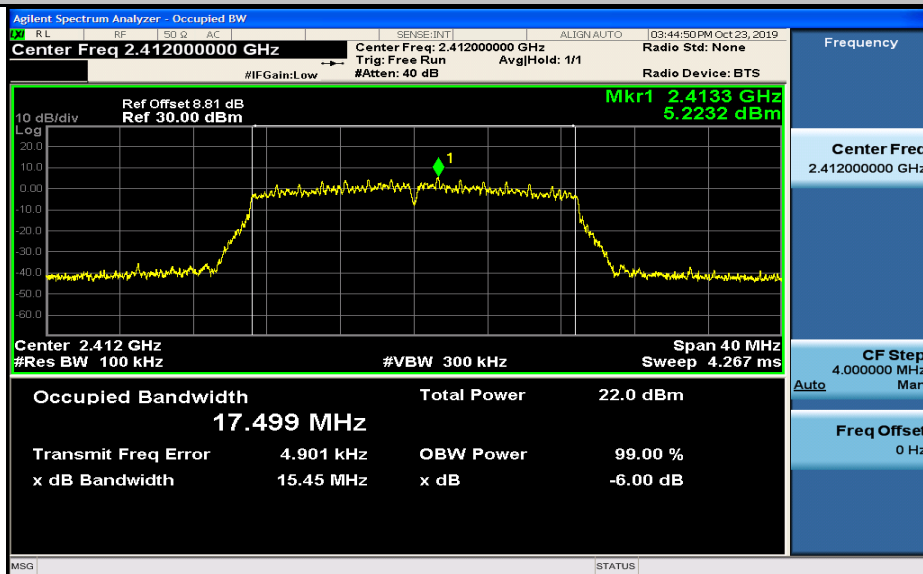
6dB Bandwidth\_11G\_2437\_Ant2



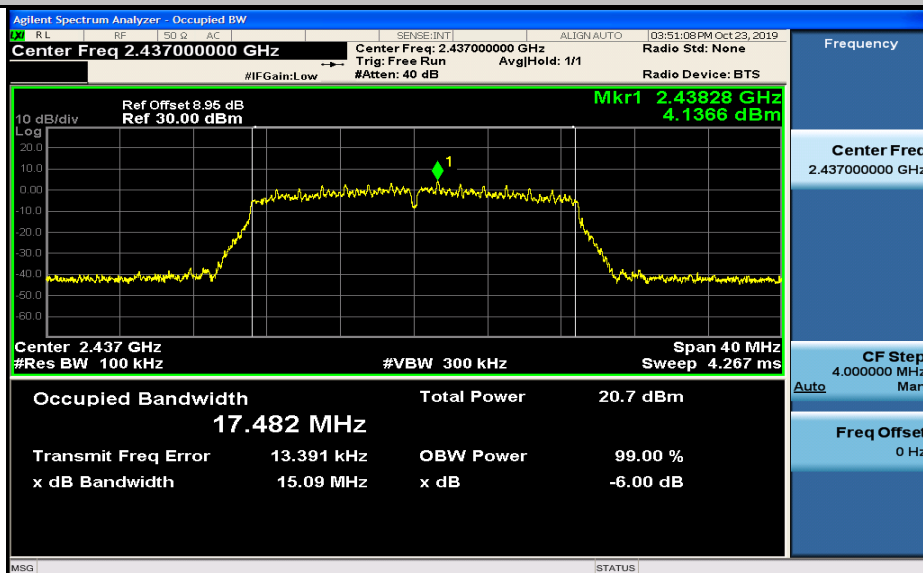
6dB Bandwidth\_11G\_2462\_Ant2



6dB Bandwidth\_11N20SISO\_2412\_Ant2

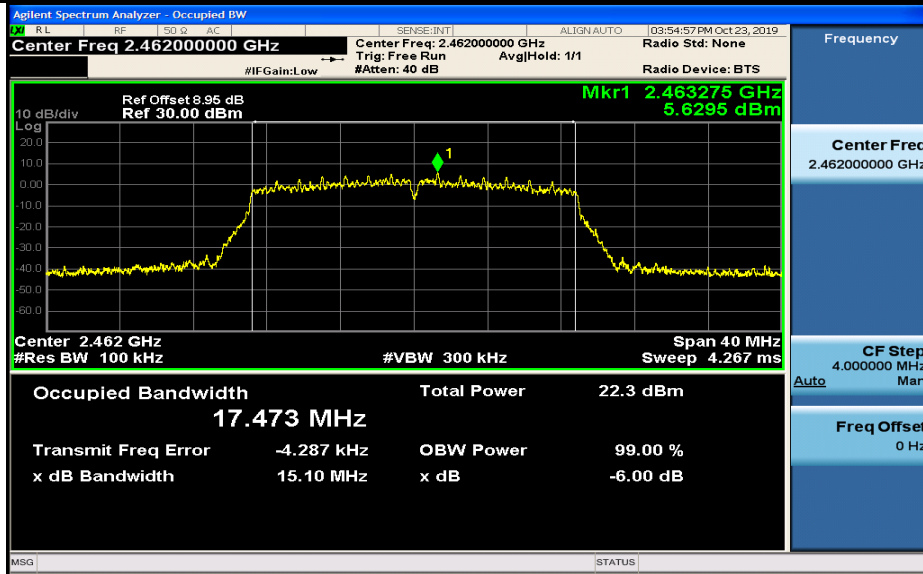


6dB Bandwidth\_11N20SISO\_2437\_Ant2





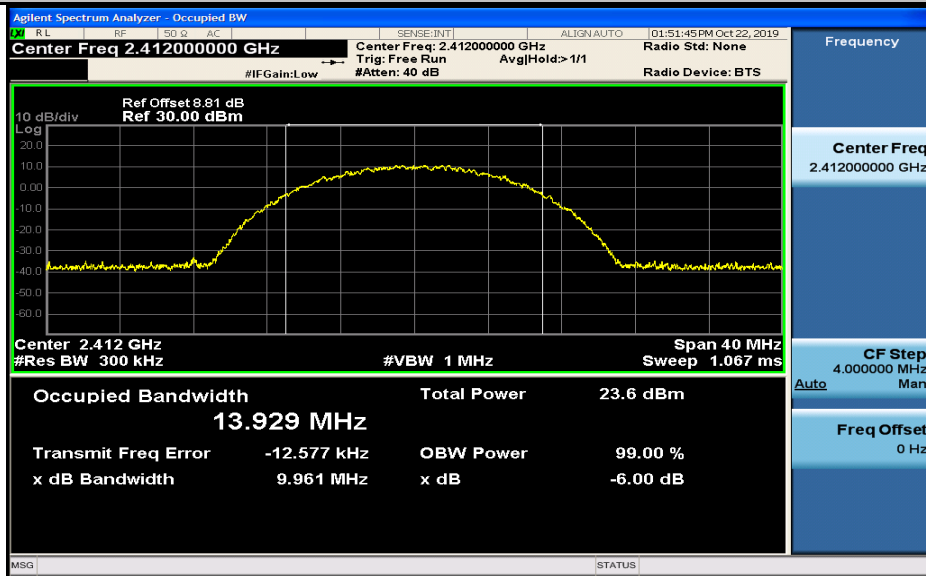
6dB Bandwidth\_11N20SISO\_2462\_Ant2



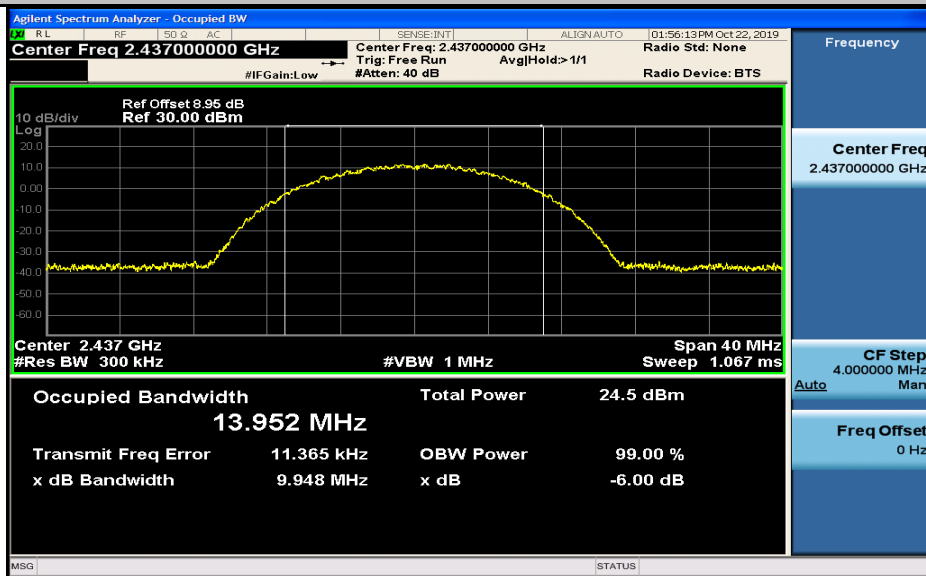
**2.Occupied Bandwidth**

Test Mode	Test Channel	OBW[MHz]		Limit[MHz]	Verdict
		Ant1	Ant2		
11B	2412	13.92	13.91	---	PASS
11B	2437	13.95	13.95	---	PASS
11B	2462	13.89	13.87	---	PASS
11G	2412	16.48	16.48	---	PASS
11G	2437	16.45	16.47	---	PASS
11G	2462	16.47	16.46	---	PASS
11N20SISO	2412	17.51	17.60	---	PASS
11N20SISO	2437	17.52	17.58	---	PASS
11N20SISO	2462	17.52	17.59	---	PASS

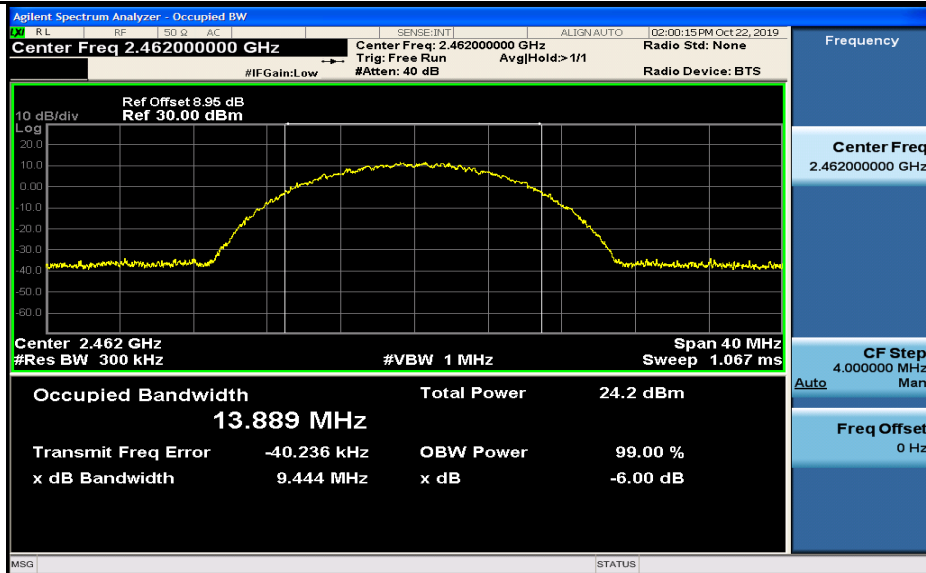
Occupied Bandwidth\_11B\_2412 Ant1



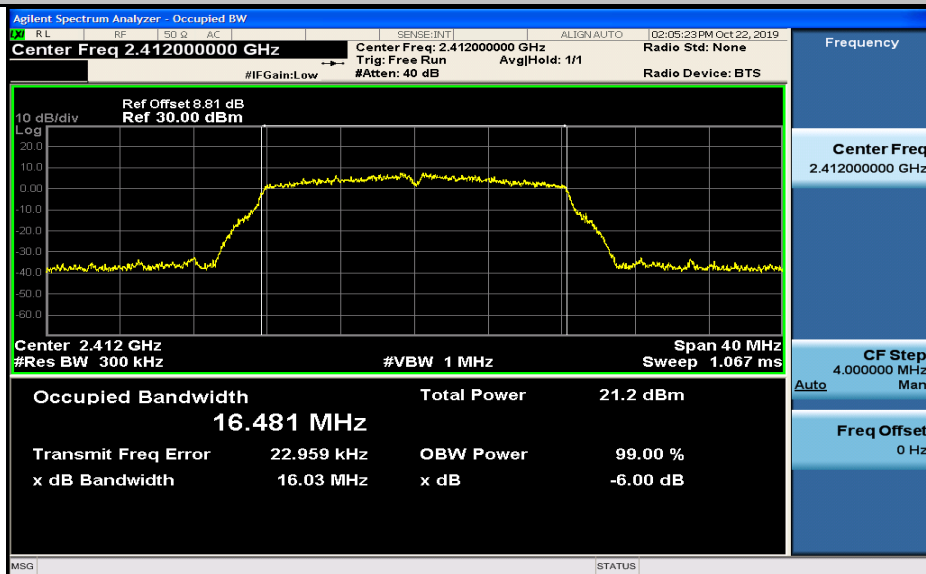
Occupied Bandwidth\_11B\_2437 Ant1



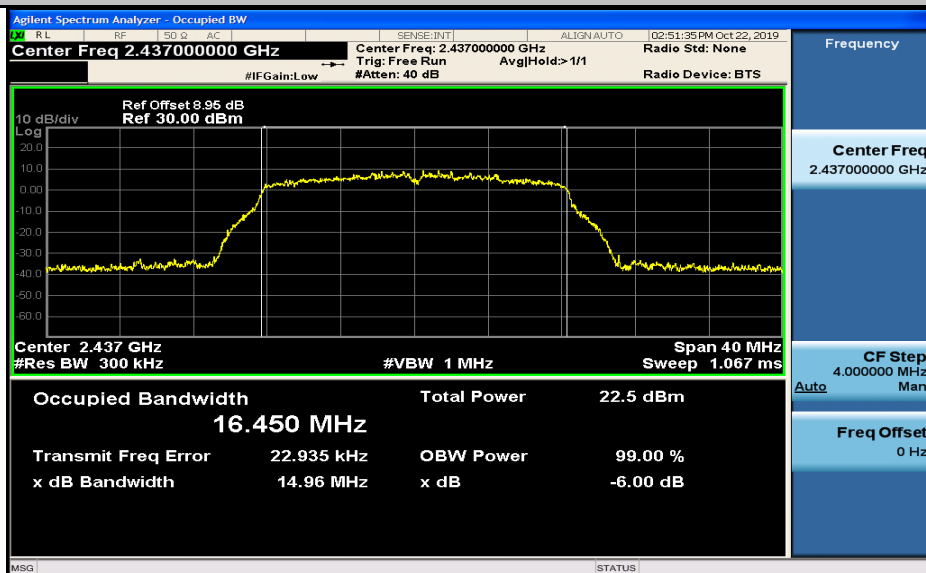
Occupied Bandwidth\_11B\_2462 Ant1



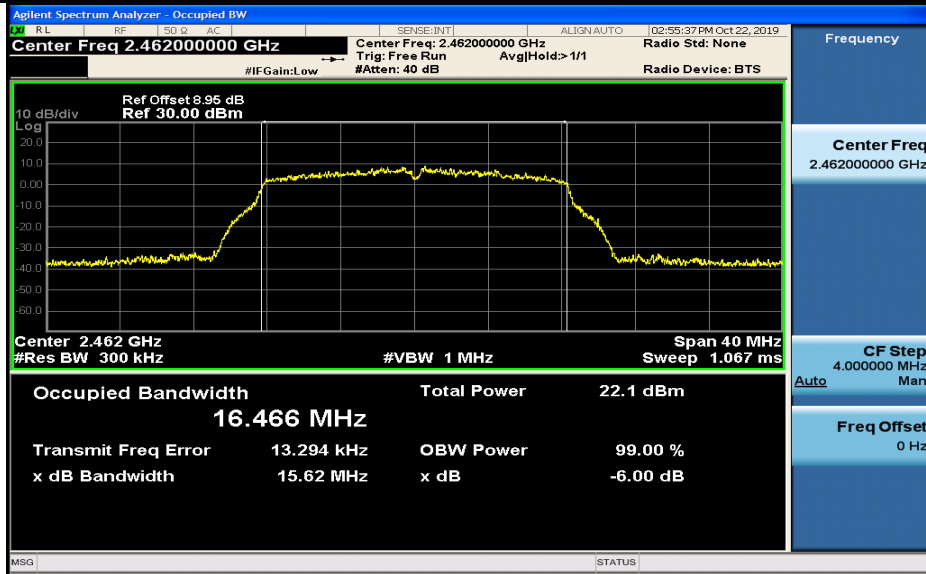
Occupied Bandwidth\_11G\_2412 Ant1



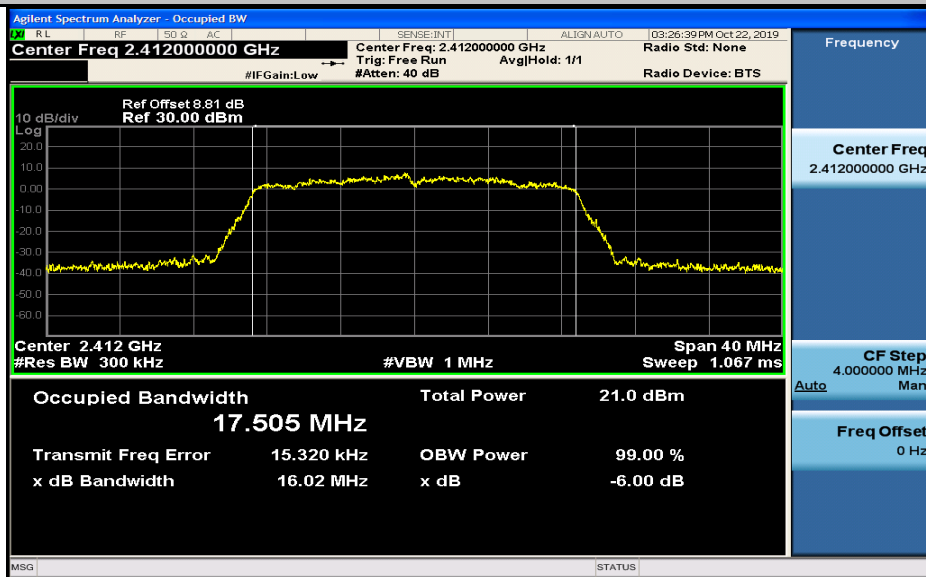
Occupied Bandwidth\_11G\_2437 Ant1



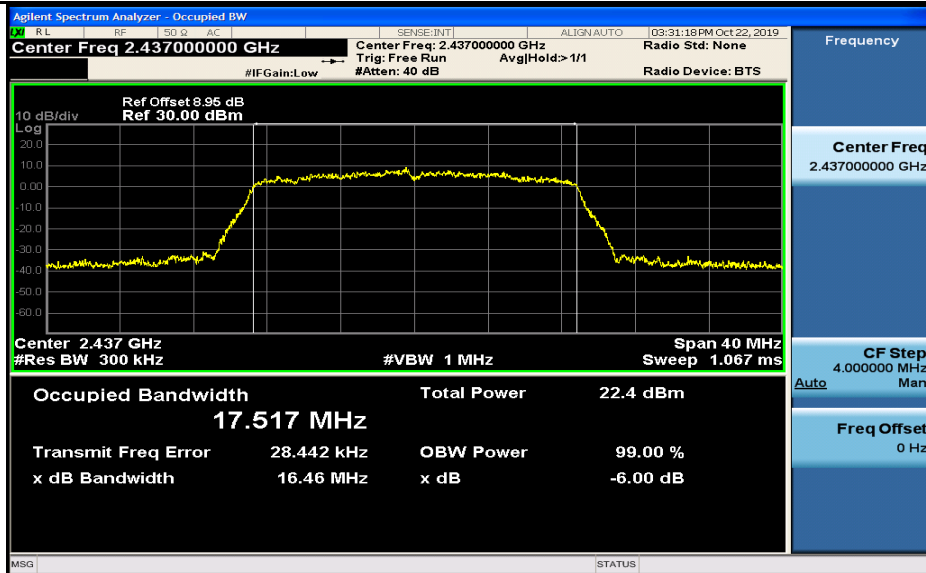
Occupied Bandwidth\_11G\_2462 Ant1



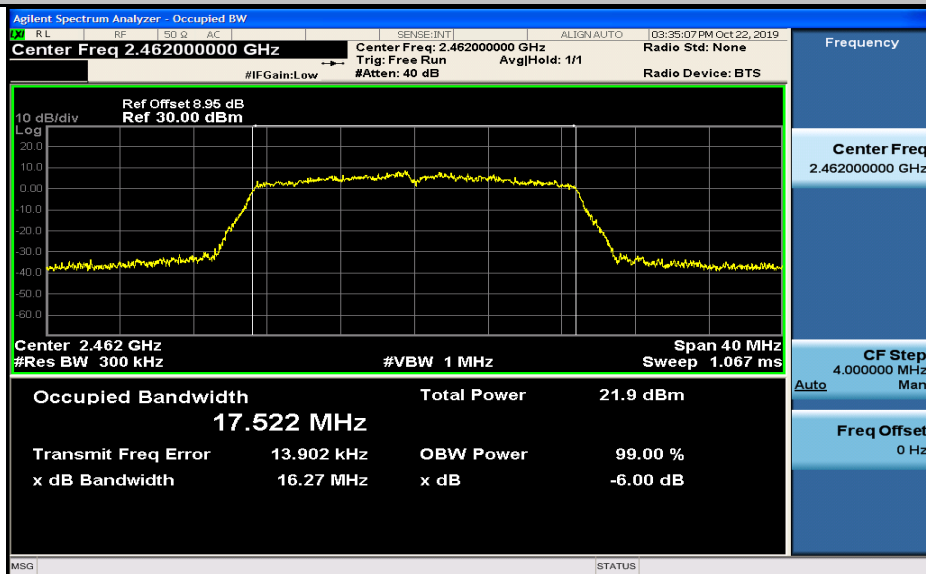
Occupied Bandwidth\_11N20SISO\_2412 Ant1



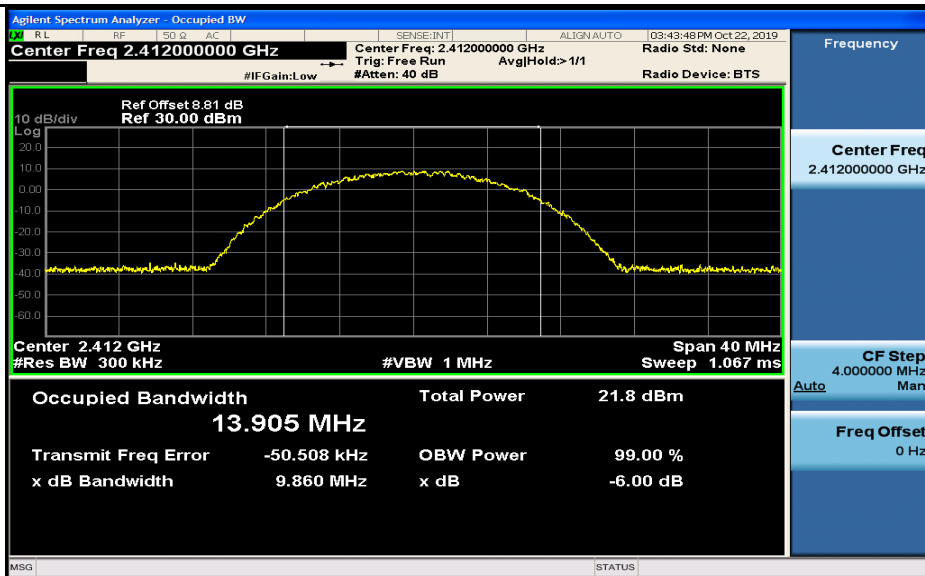
Occupied Bandwidth\_11N20SISO\_2437 Ant1



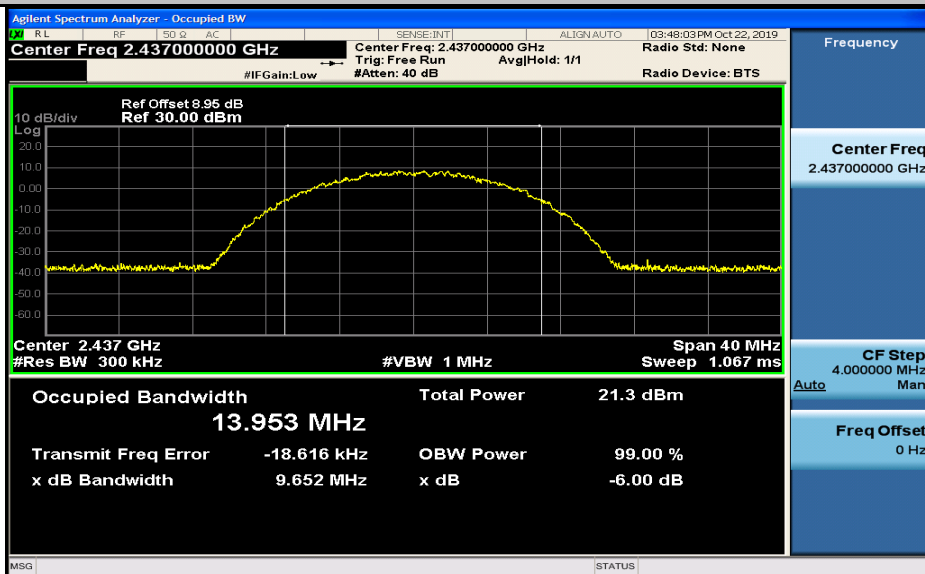
Occupied Bandwidth\_11N20SISO\_2462 Ant1



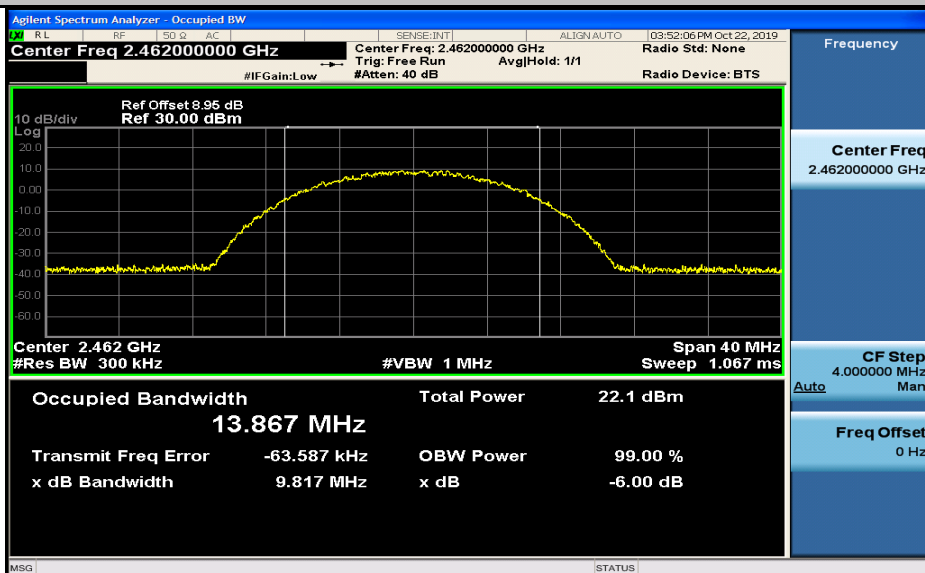
Occupied Bandwidth\_11B\_2412 Ant2



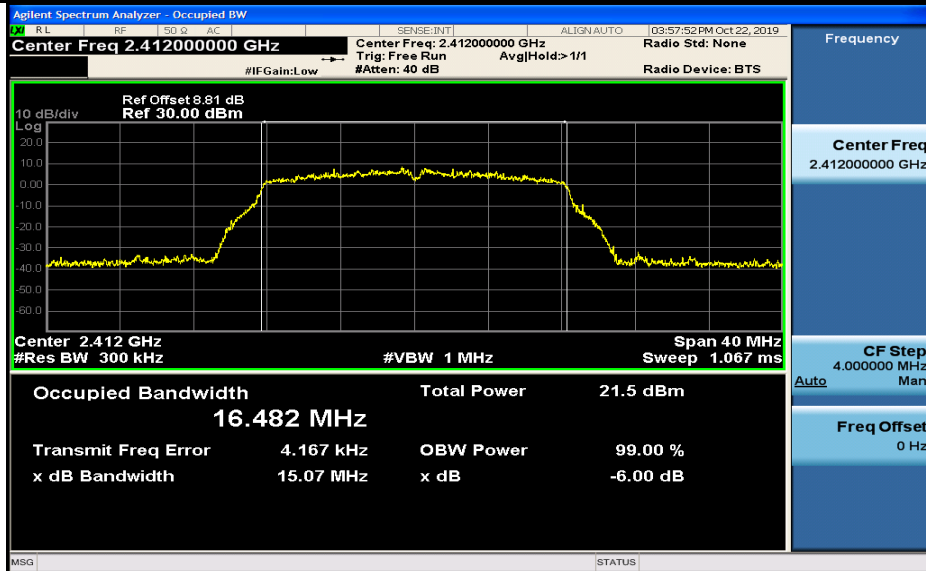
Occupied Bandwidth\_11B\_2437 Ant2



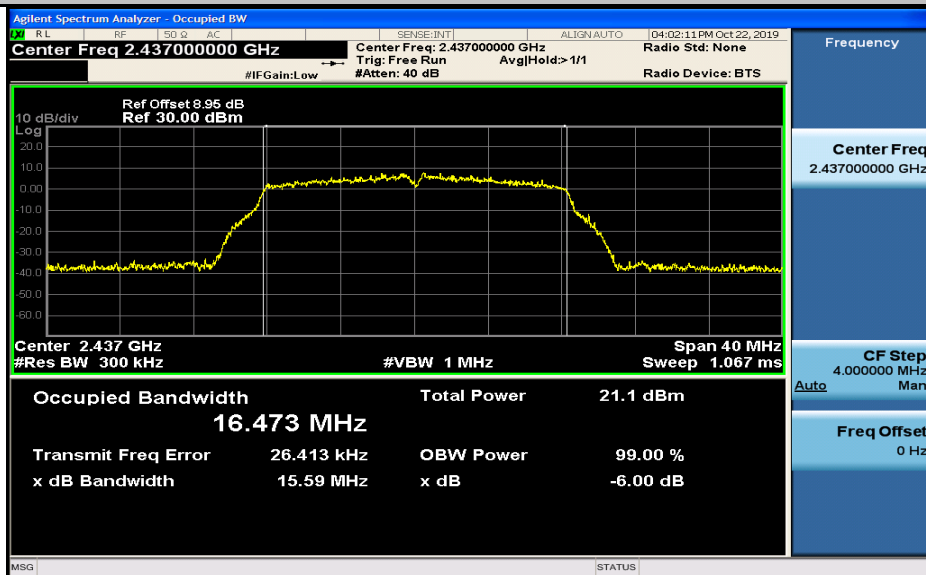
Occupied Bandwidth\_11B\_2462 Ant2



Occupied Bandwidth\_11G\_2412 Ant2

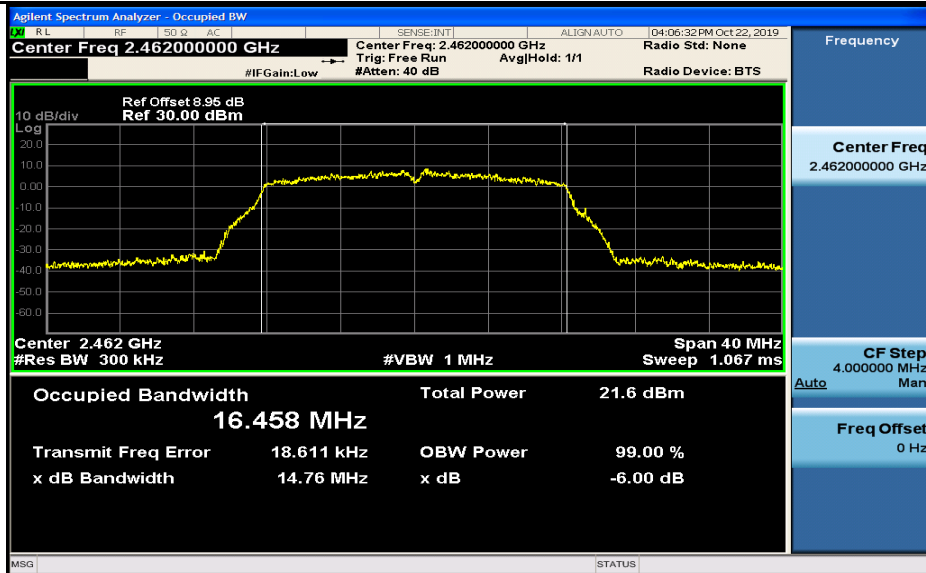


Occupied Bandwidth\_11G\_2437 Ant2

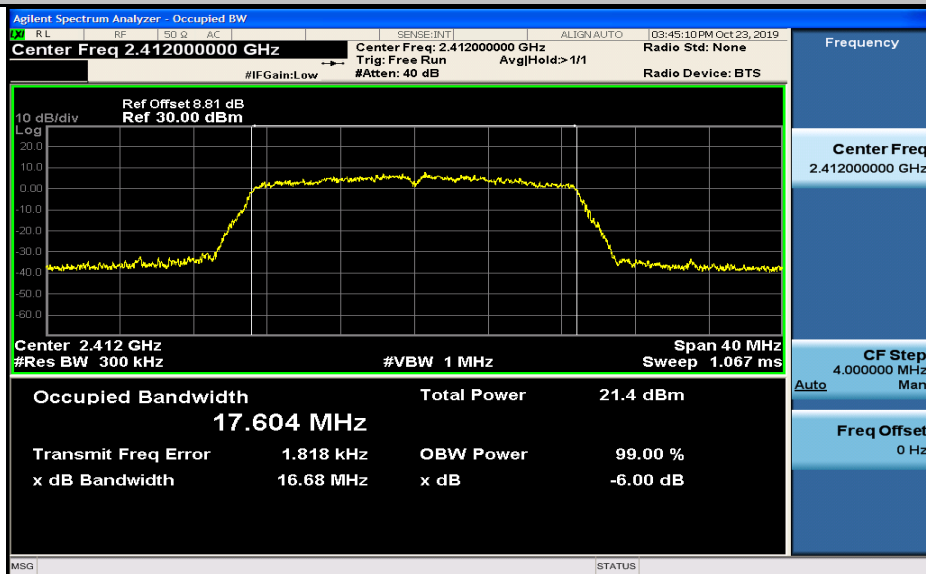


Occupied Bandwidth\_11G\_2462 Ant2

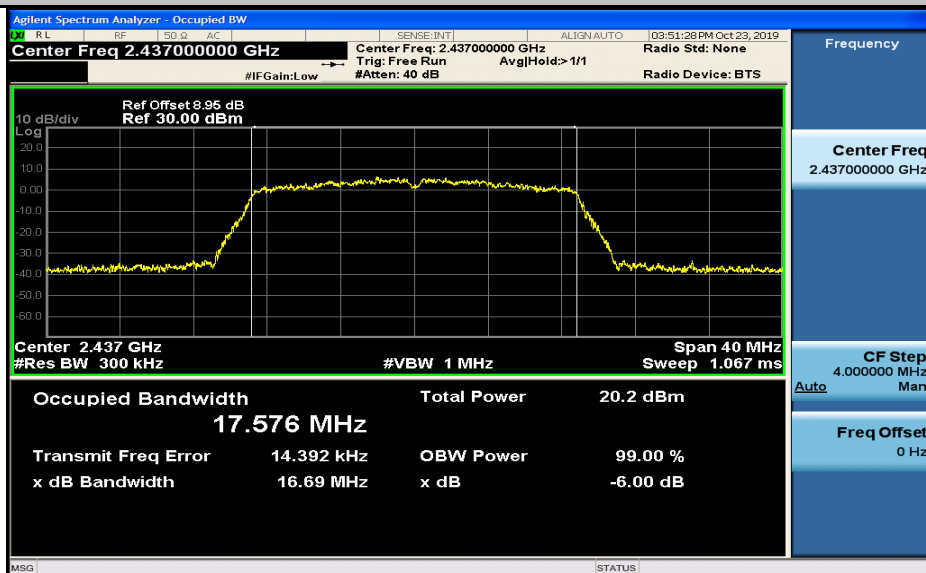




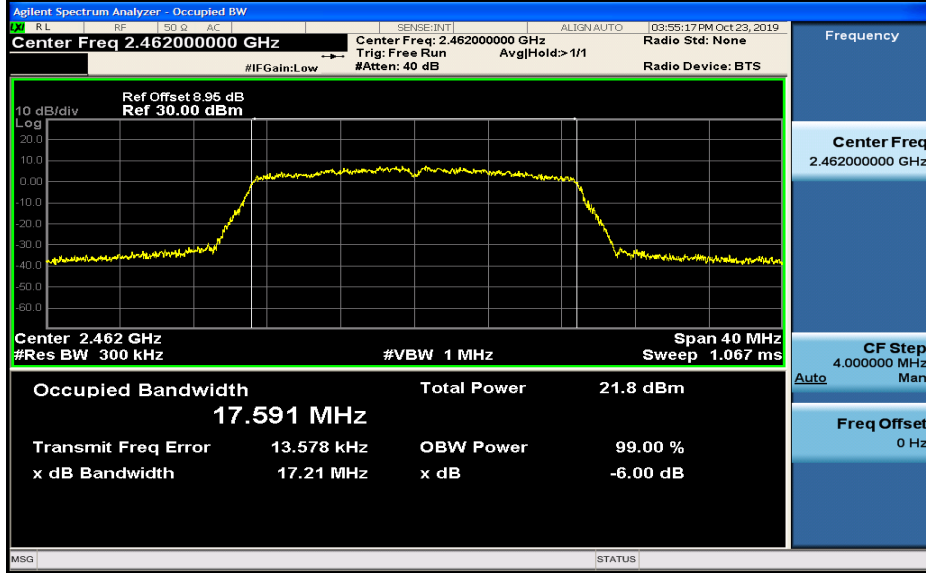
Occupied Bandwidth\_11N20SISO\_2412 Ant2



Occupied Bandwidth\_11N20SISO\_2437 Ant2



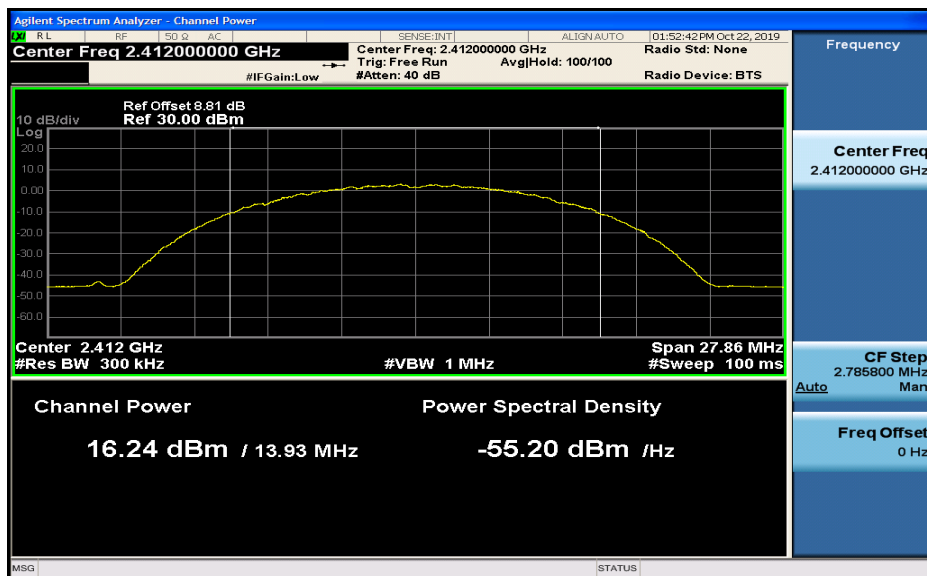
Occupied Bandwidth\_11N20SISO\_2462 Ant2



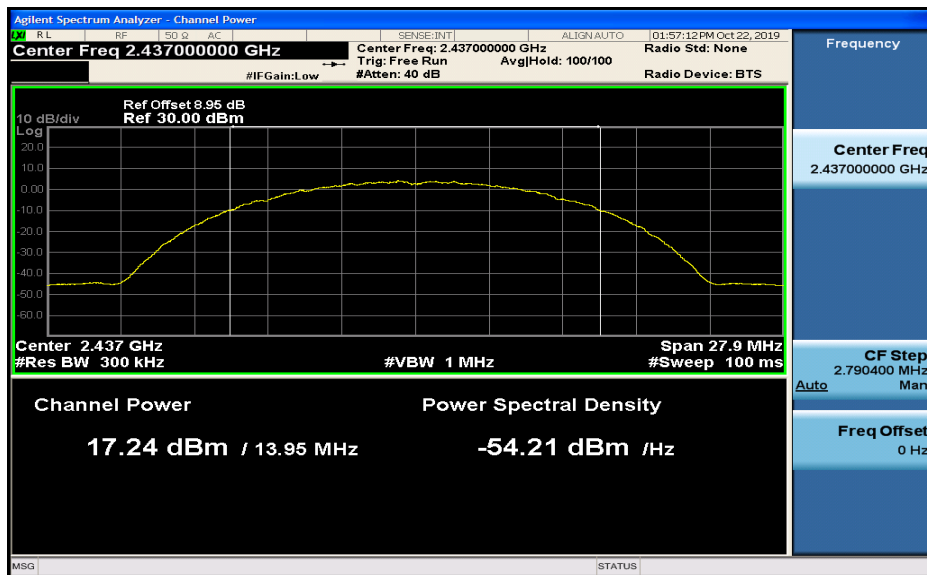
**3.Maximum conducted (average) output power**

Test Mode	Test Channel	Level [dBm]		10log(1/x) Factor[dB]		Power [dBm]			Limit [dBm]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11B	2412	16.24	14.5	0.35	0.20	18.07	14.70	NA	30	PASS
11B	2437	17.24	13.97	0.23	0.68	17.47	14.65	NA	30	PASS
11B	2462	16.84	14.78	0.61	0.27	17.46	15.06	NA	30	PASS
11G	2412	12.49	12.81	3.20	1.07	15.70	13.88	NA	30	PASS
11G	2437	13.75	12.3	1.42	1.89	15.17	14.19	NA	30	PASS
11G	2462	13.31	12.9	2.35	1.61	15.66	14.50	NA	30	PASS
11N20MIMO	2412	12.02	12.57	1.83	2.83	13.85	15.40	17.67	30	PASS
11N20MIMO	2437	13.6	11.41	2.13	3.25	15.74	14.66	18.24	30	PASS
11N20MIMO	2462	13.14	12.98	1.50	3.31	14.64	16.29	18.55	30	PASS

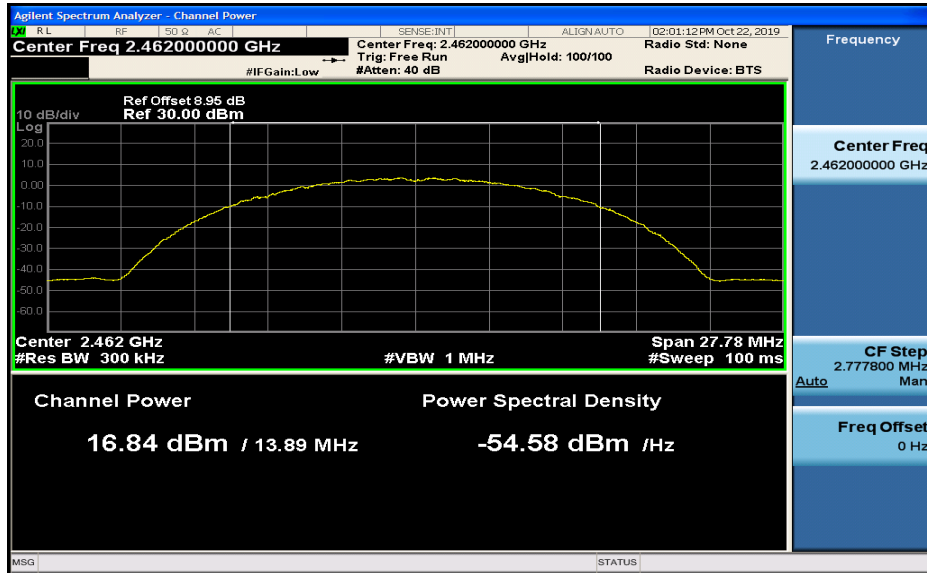
Maximum conducted (average) output power\_11B\_2412\_Ant1



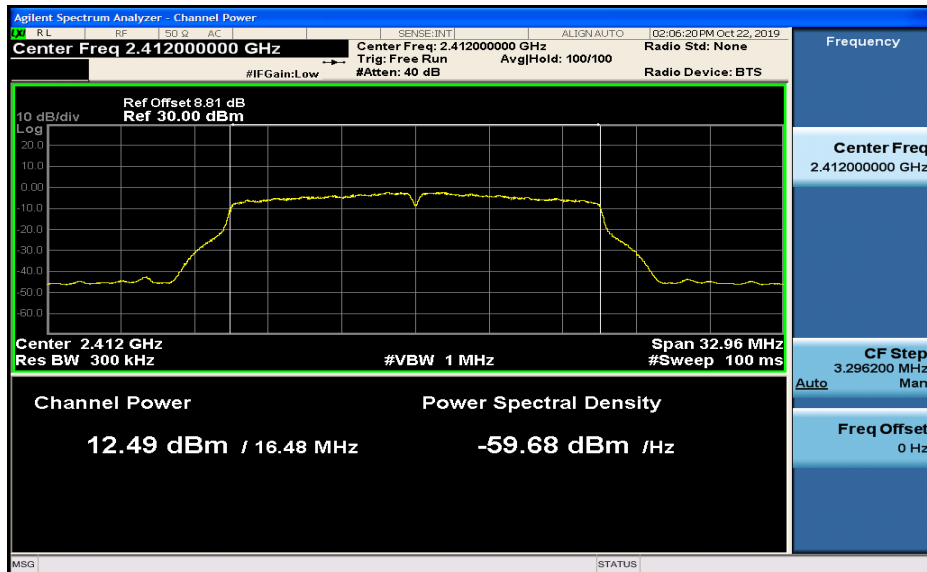
Maximum conducted (average) output power\_11B\_2437\_Ant1



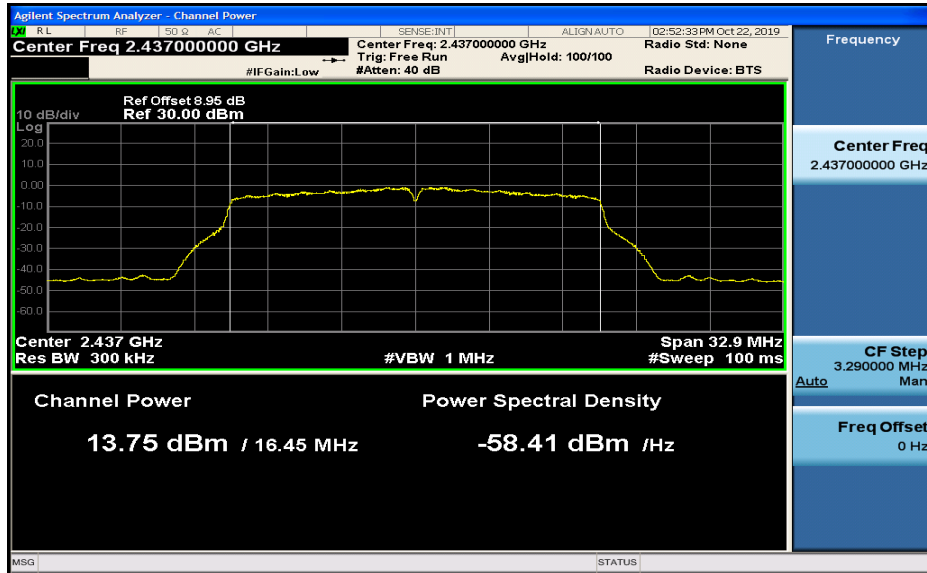
Maximum conducted (average) output power\_11B\_2462\_Ant1



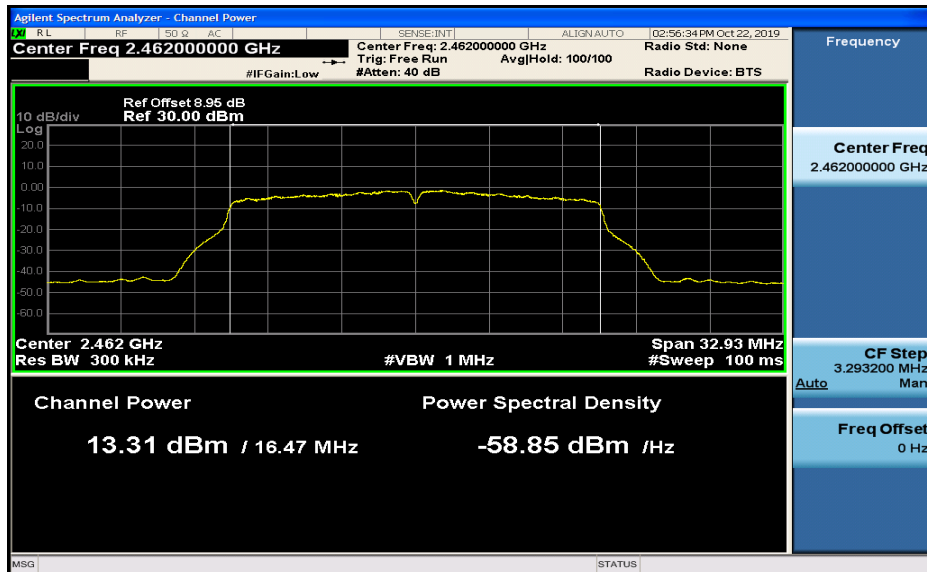
Maximum conducted (average) output power\_11G\_2412\_Ant1



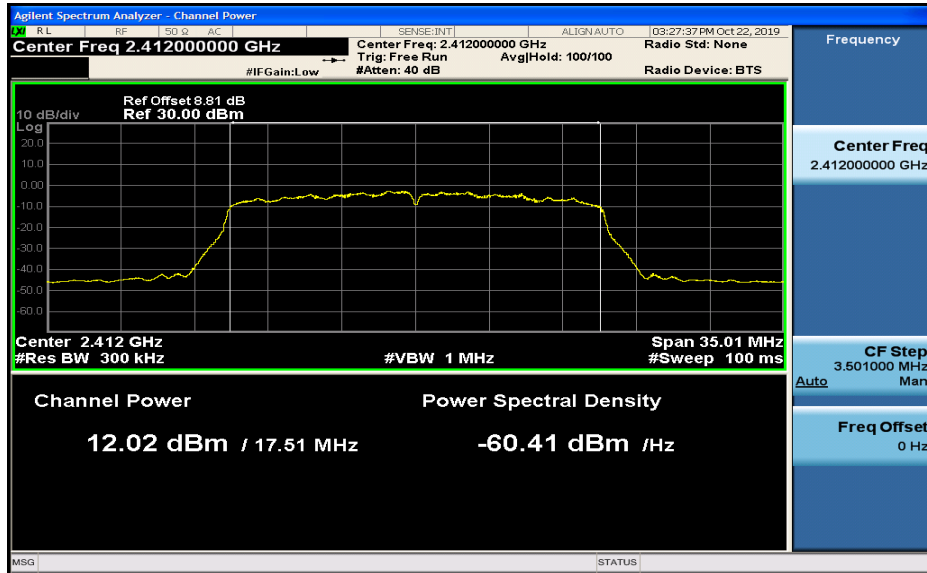
Maximum conducted (average) output power\_11G\_2437\_Ant1



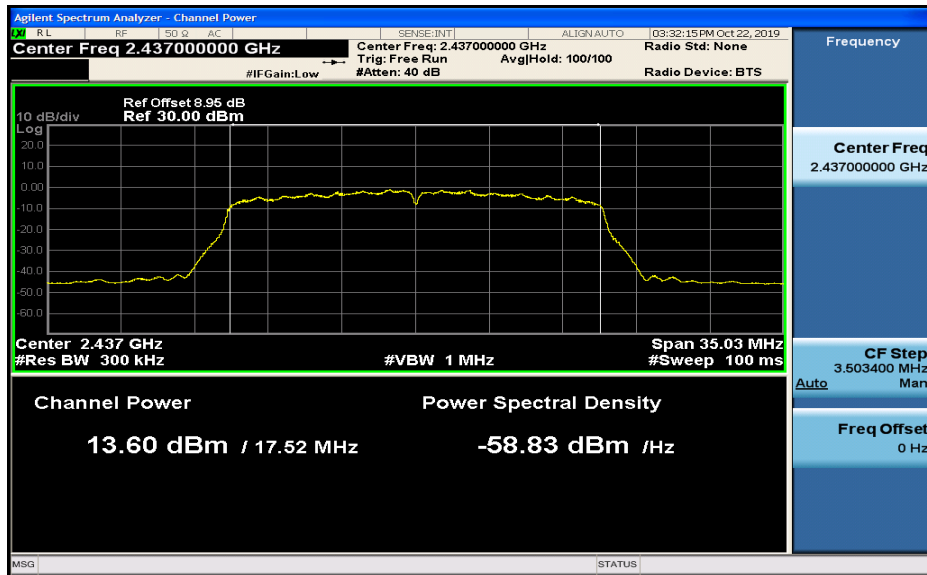
Maximum conducted (average) output power\_11G\_2462\_Ant1



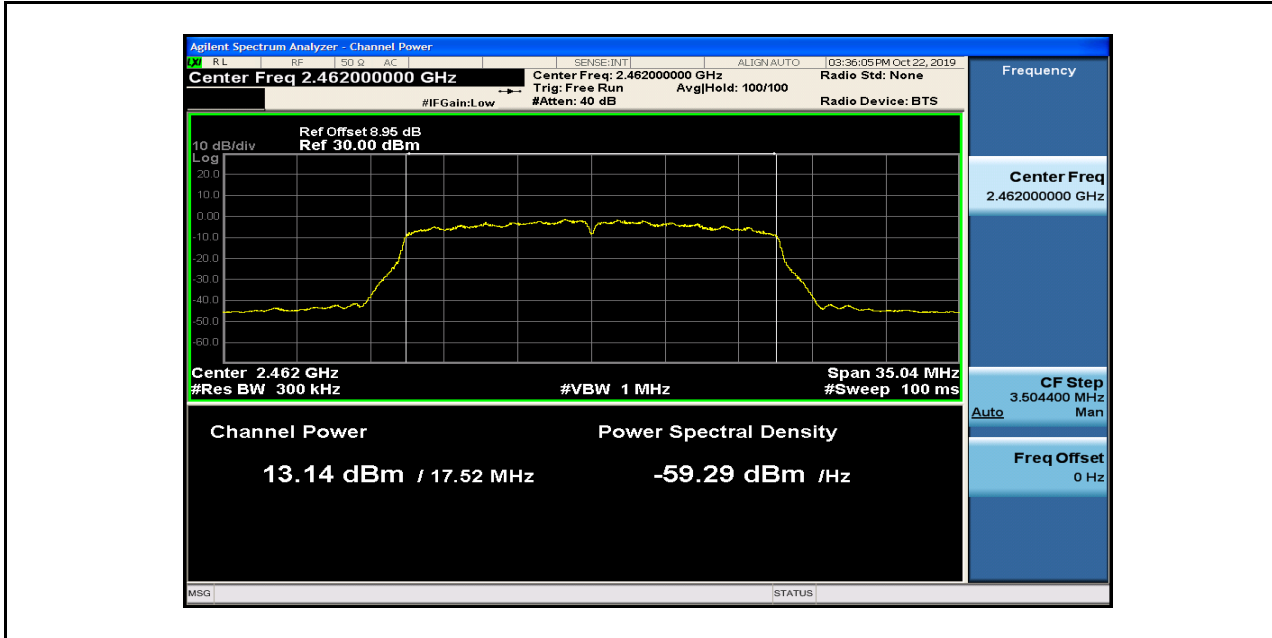
Maximum conducted (average) output power\_11N20SISO\_2412\_Ant1



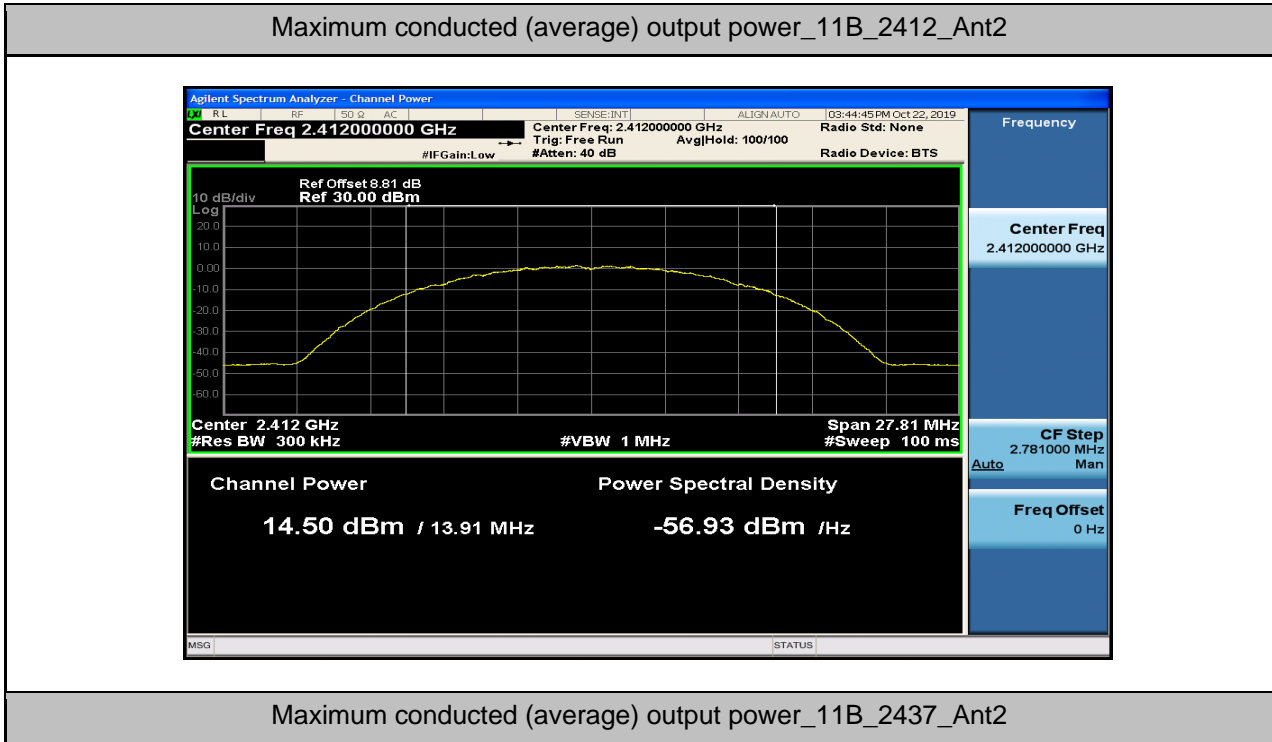
Maximum conducted (average) output power\_11N20SISO\_2437\_Ant1



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

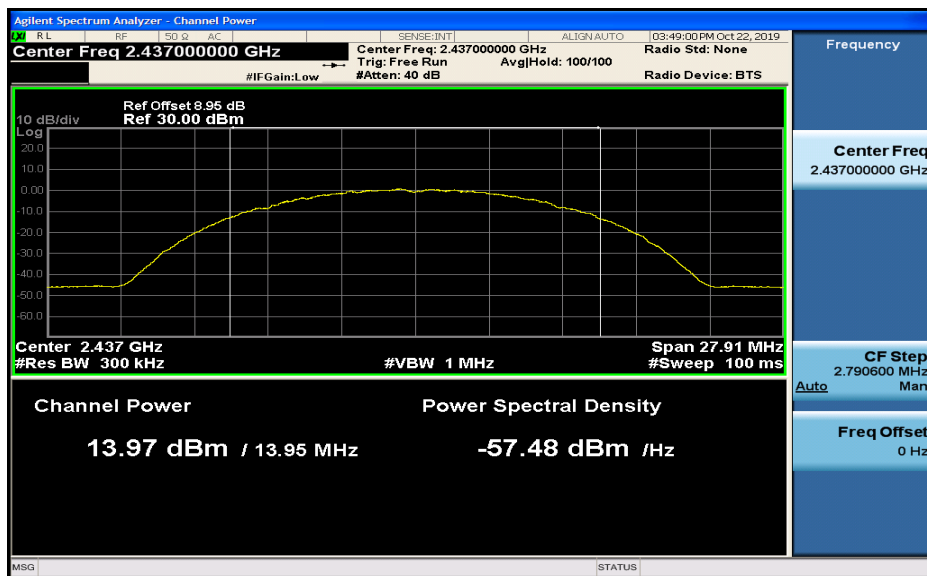


Maximum conducted (average) output power\_11B\_2412\_Ant2

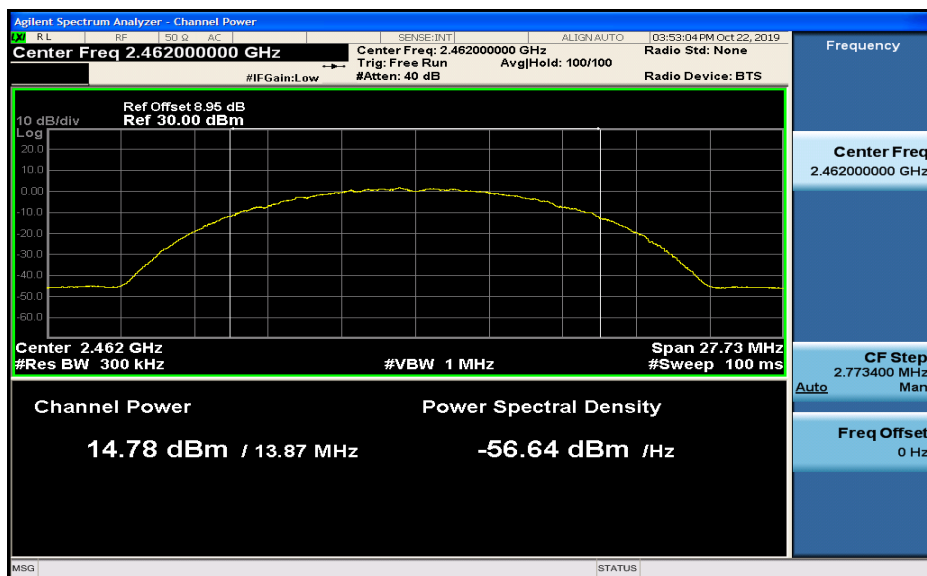


Maximum conducted (average) output power\_11B\_2437\_Ant2

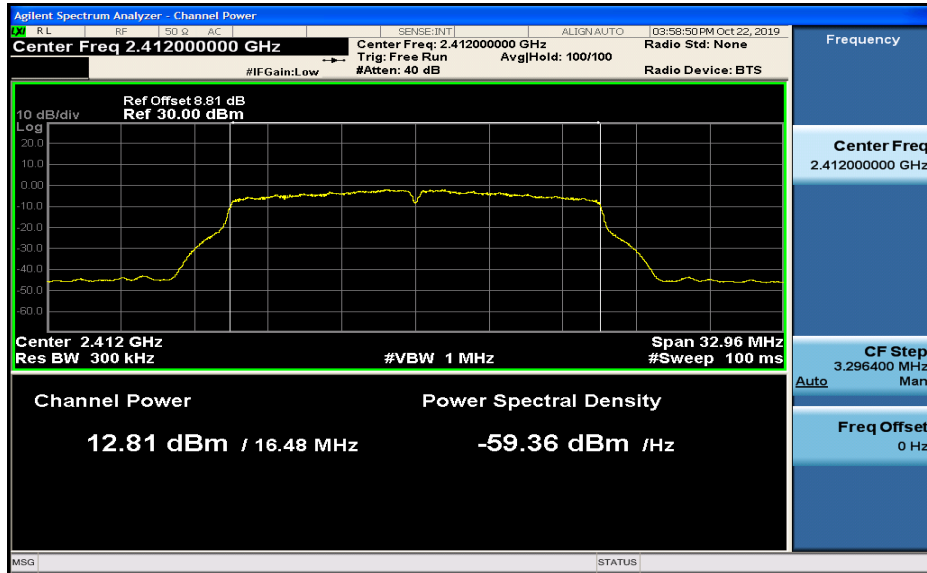




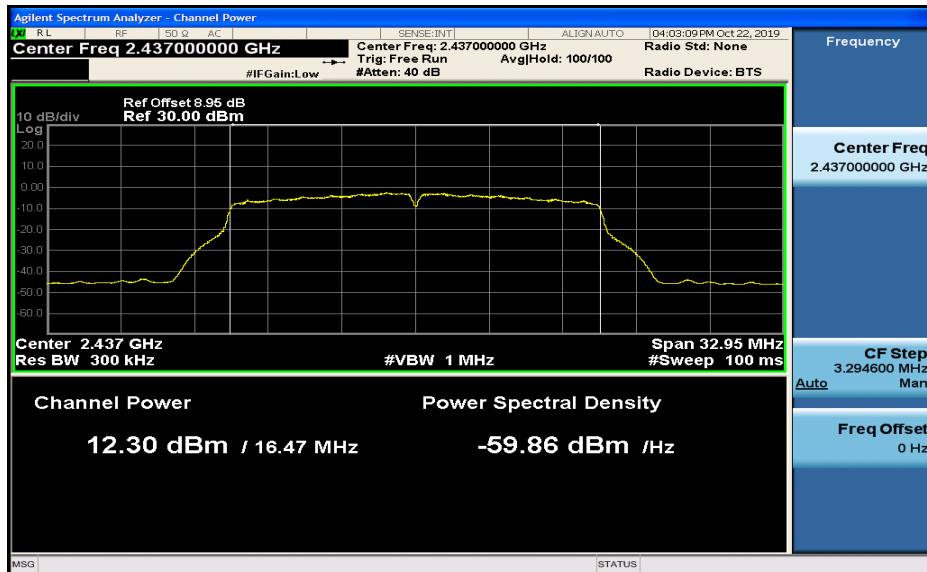
Maximum conducted (average) output power\_11B\_2462\_Ant2



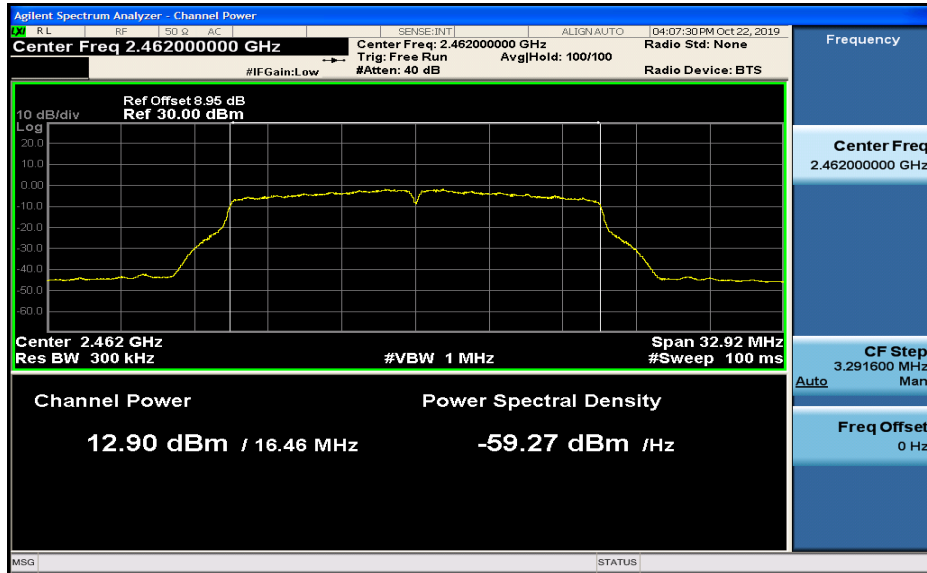
Maximum conducted (average) output power\_11G\_2412\_Ant2



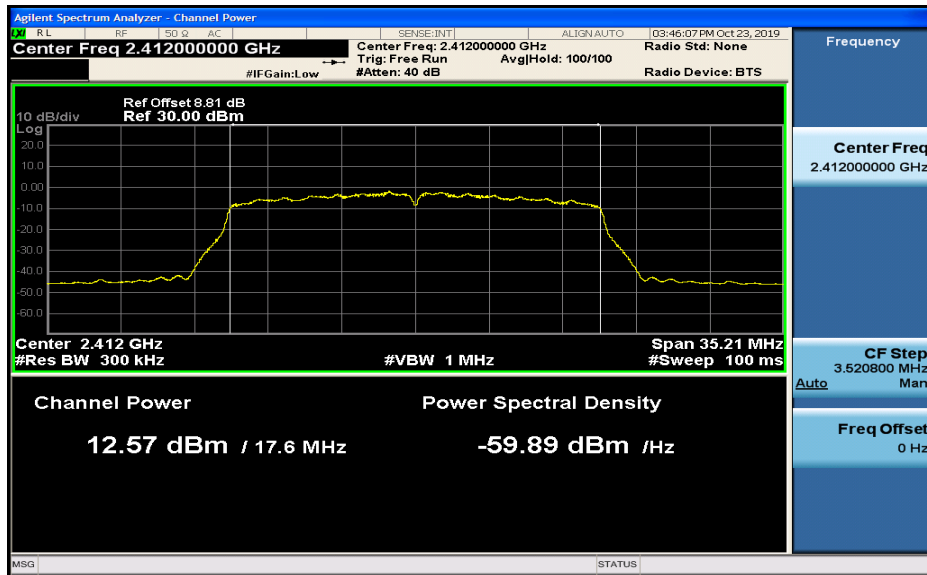
Maximum conducted (average) output power\_11G\_2437\_Ant2



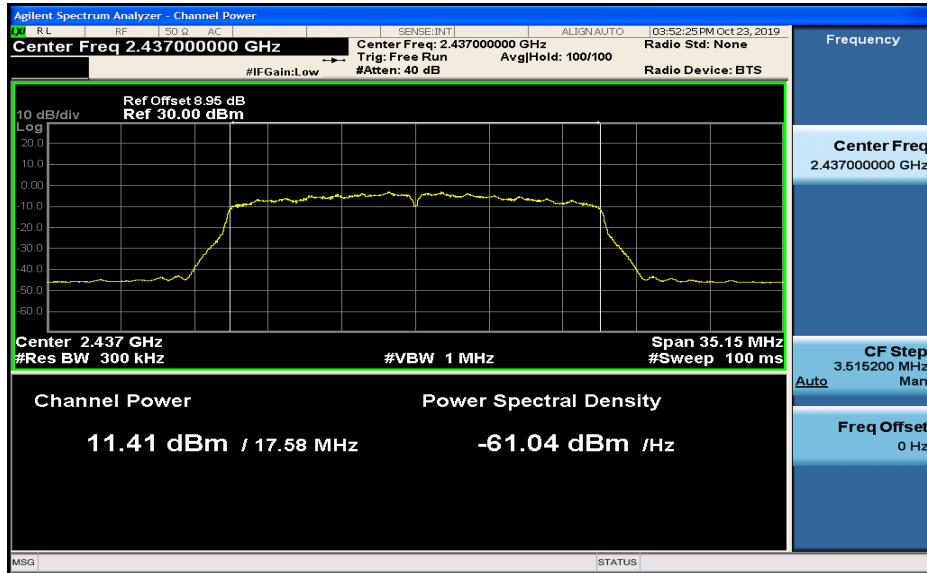
Maximum conducted (average) output power\_11G\_2462\_Ant2



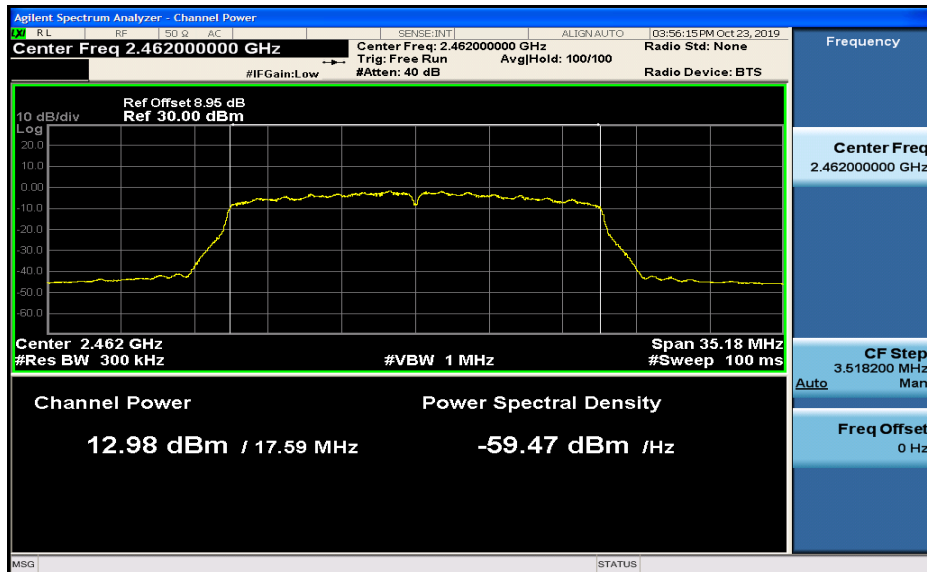
Maximum conducted (average) output power\_11N20SISO\_2412\_Ant2



Maximum conducted (average) output power\_11N20SISO\_2437\_Ant2



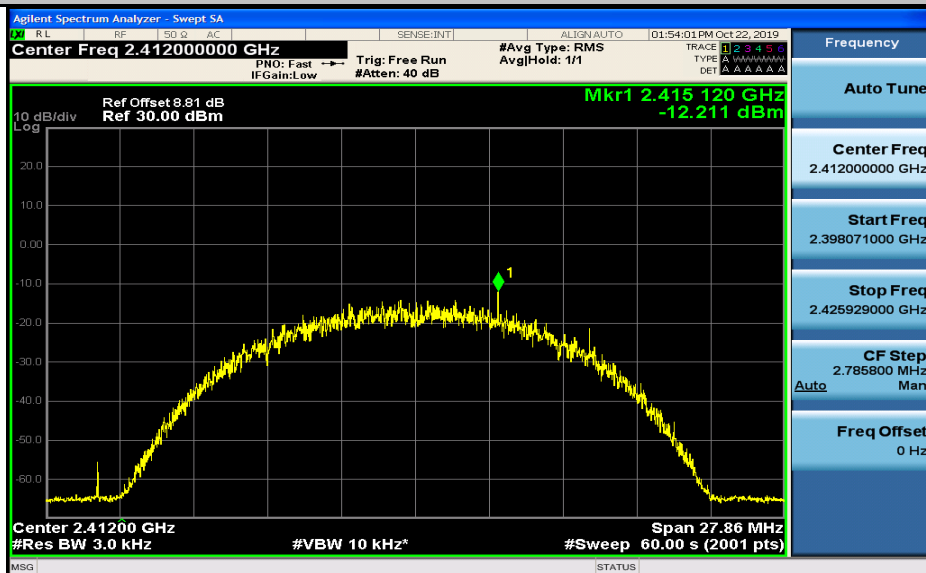
Maximum conducted (average) output power\_11N20SISO\_2462\_Ant2



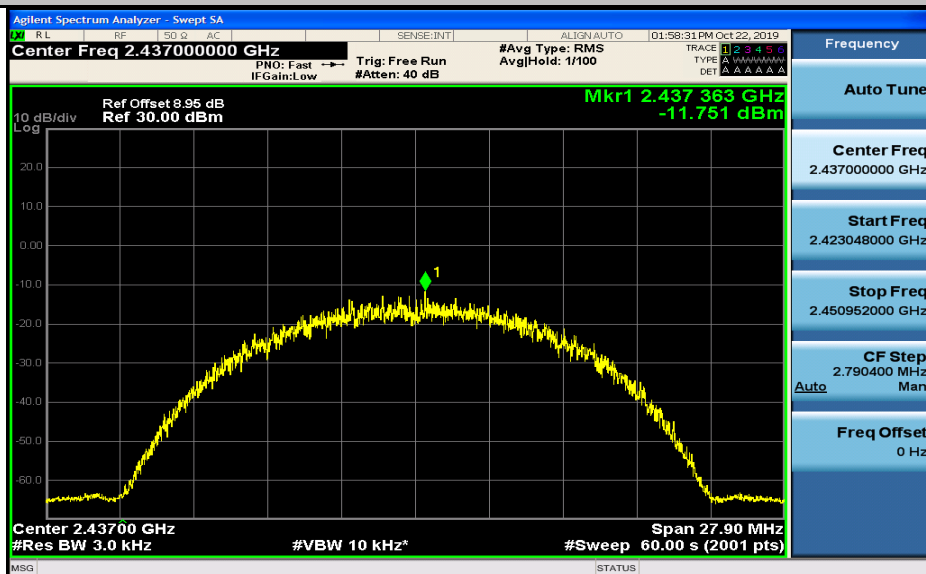
**4.Maximum(average) power spectral density**

Test Mode	Test Channel	Level [dBm/3kHz]		10log(1/x) Factor[dB]		PSD[dBm/3kHz]			Limit[dBm/3kHz]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11B	2412	-12.21	-15.42	0.32	0.20	-11.89	-15.22	NA	8.00	PASS
11B	2437	-11.75	-16.23	0.23	0.68	-11.52	-15.55	NA	8.00	PASS
11B	2462	-13.30	-15.12	0.61	0.27	-12.69	-14.85	NA	8.00	PASS
11G	2412	-19.41	-18.76	3.20	1.07	-16.21	-17.69	NA	8.00	PASS
11G	2437	-17.98	-19.20	1.42	1.89	-16.56	-17.31	NA	8.00	PASS
11G	2462	-18.33	-18.67	2.35	1.61	-15.98	-17.06	NA	8.00	PASS
11N20MIMO	2412	-18.42	-16.16	1.83	2.83	-16.59	-13.33	-11.65	8.00	PASS
11N20MIMO	2437	-17.16	-17.63	2.13	3.25	-15.03	-14.38	-11.68	8.00	PASS
11N20MIMO	2462	-16.78	-15.42	1.50	3.31	-15.28	-12.11	-10.40	8.00	PASS

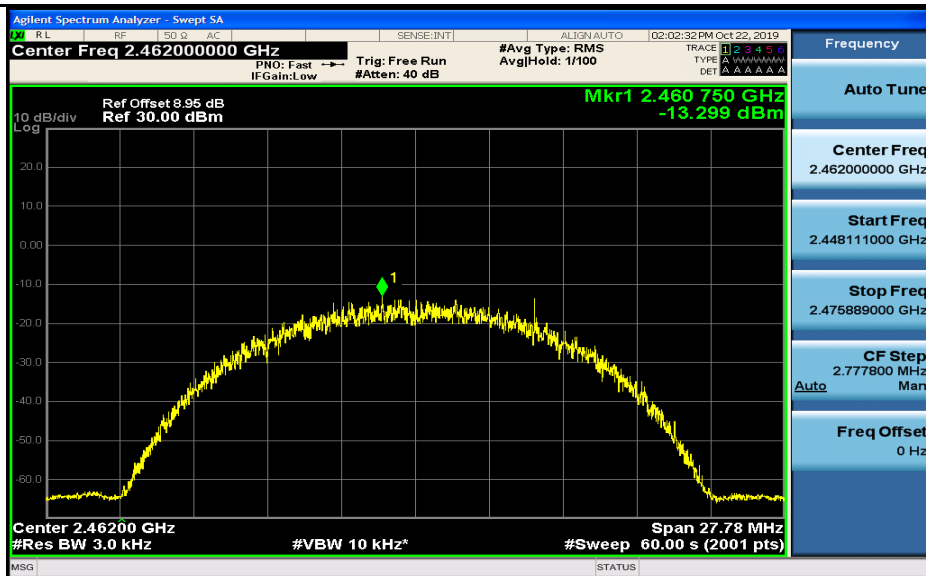
Maximum(average) power spectral density\_11B\_2412\_Ant1



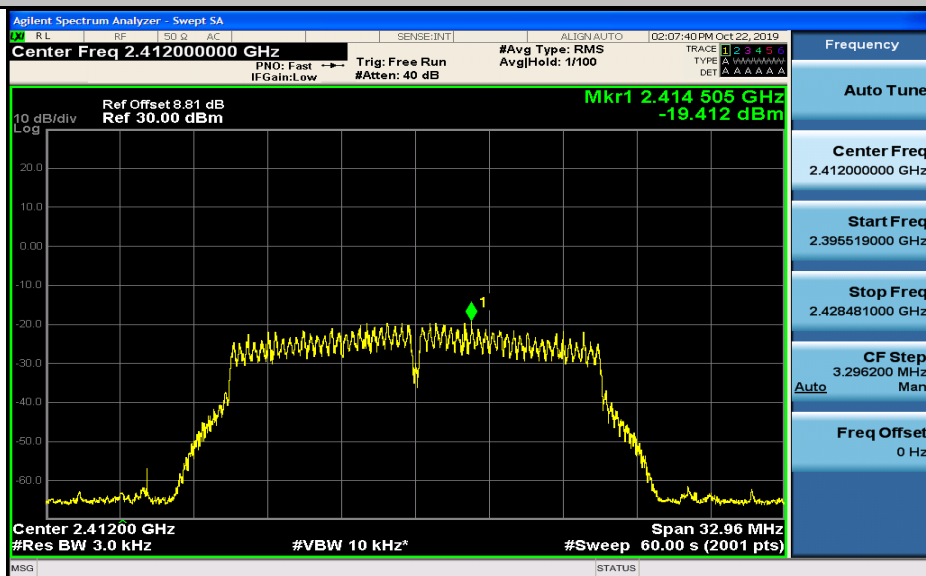
Maximum(average) power spectral density\_11B\_2437\_Ant1



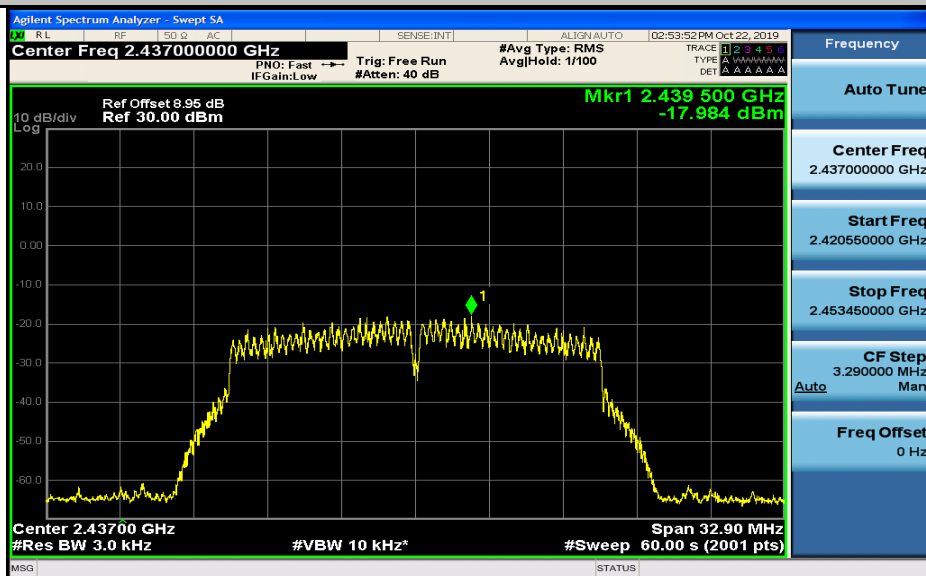
Maximum(average) power spectral density\_11B\_2462\_Ant1



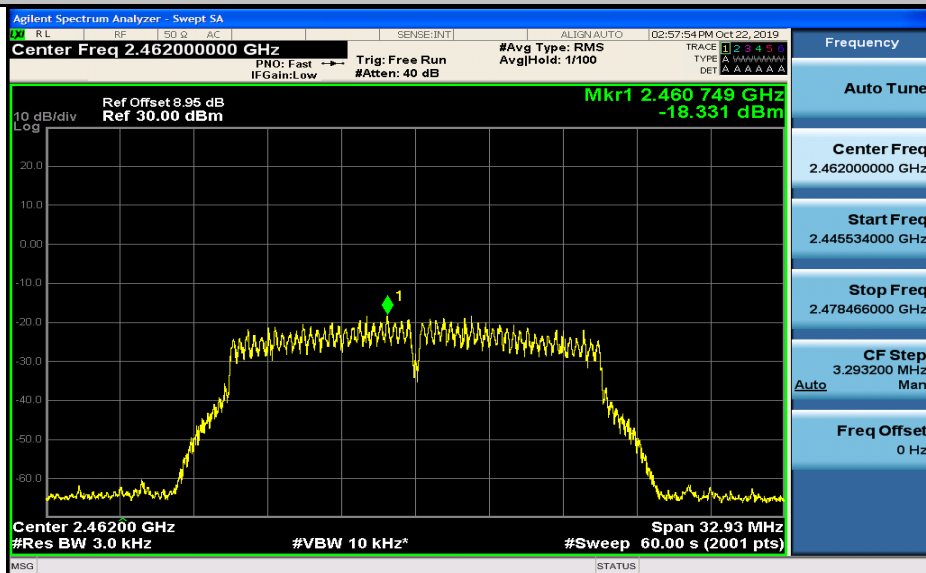
Maximum(average) power spectral density\_11G\_2412\_Ant1



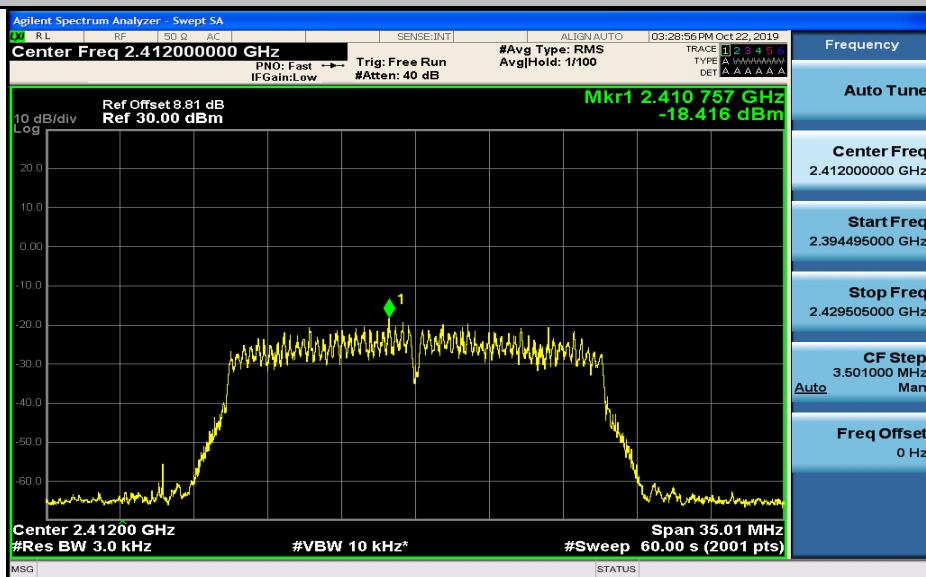
Maximum(average) power spectral density\_11G\_2437\_Ant1



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

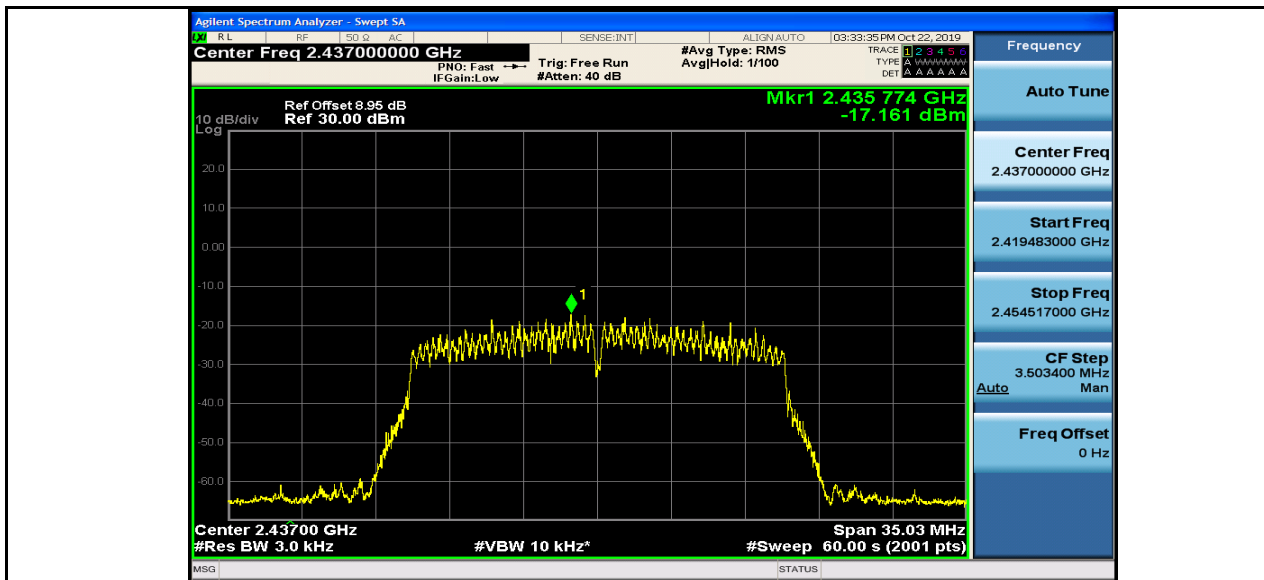


Maximum(average) power spectral density\_11N20SISO\_2412\_Ant1

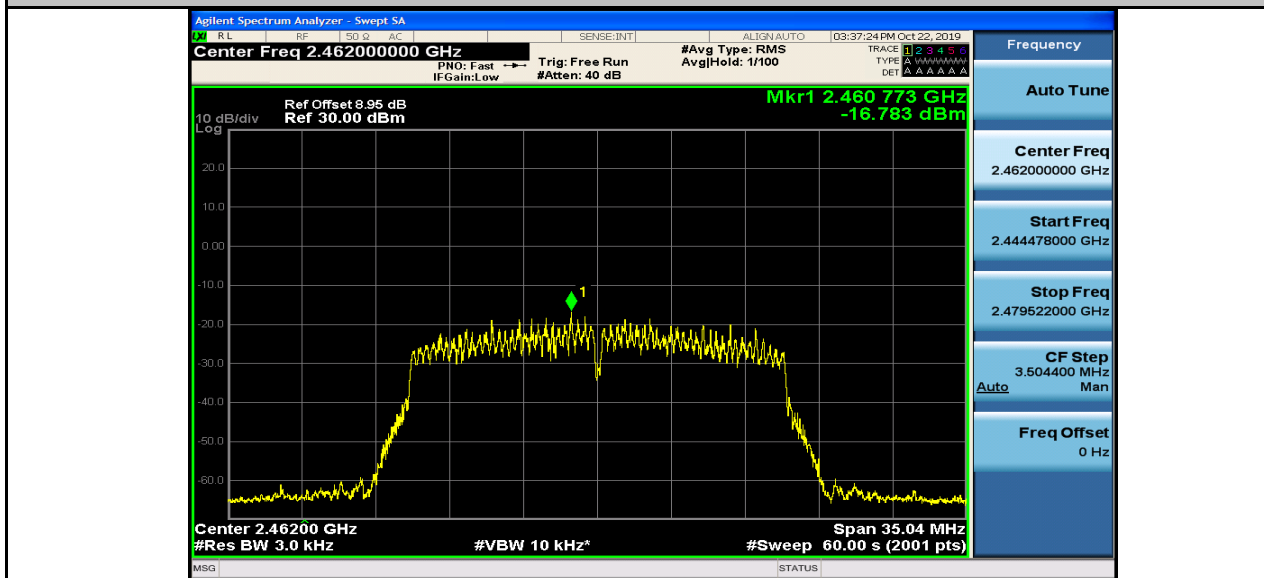


Maximum(average) power spectral density\_11N20SISO\_2437\_Ant1

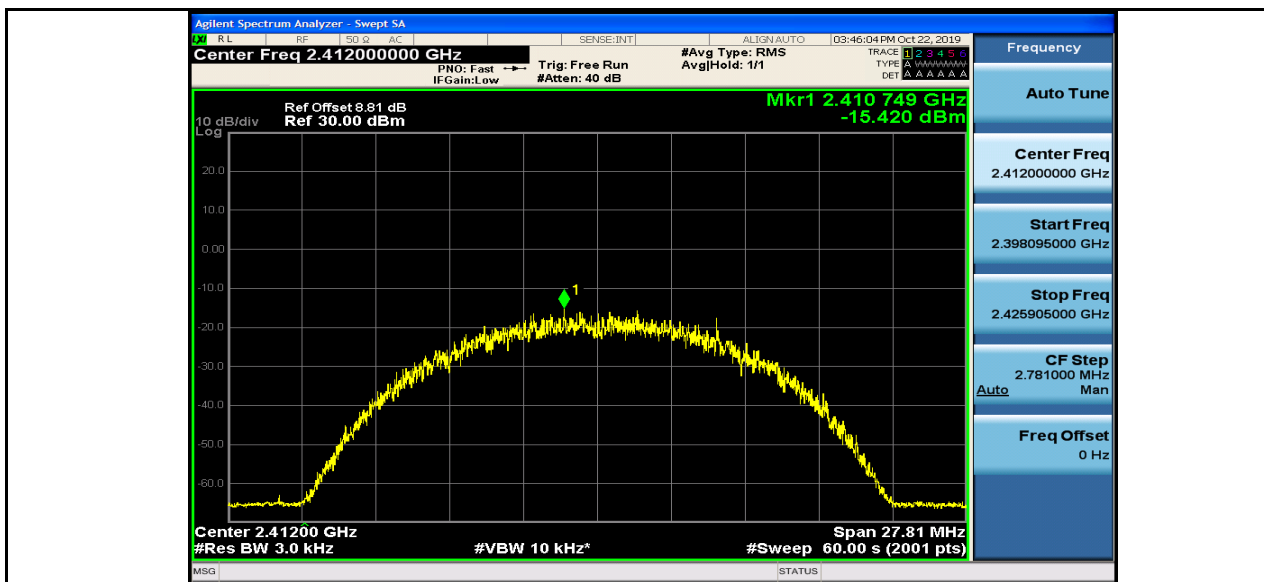




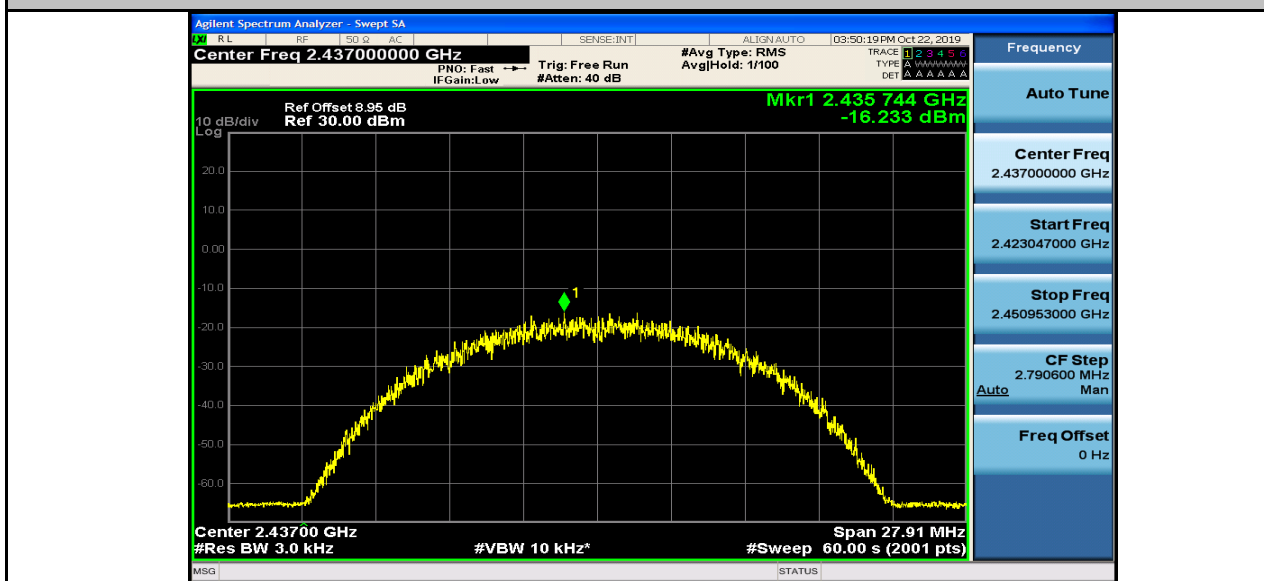
Maximum(average) power spectral density\_11N20SISO\_2462\_Ant1



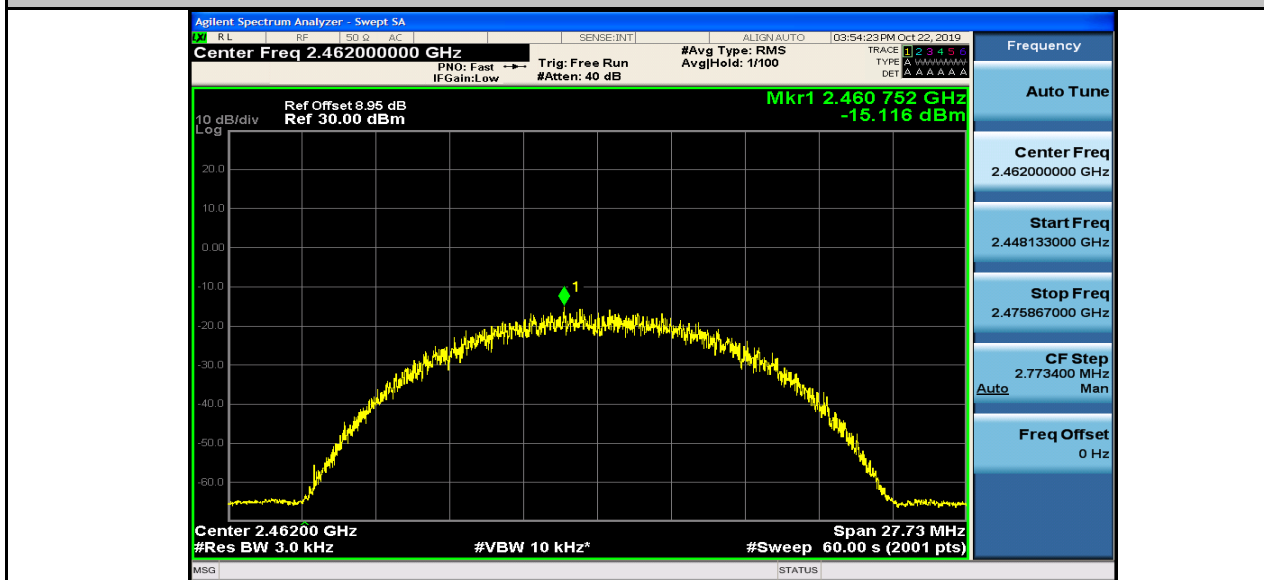
Maximum(average) power spectral density\_11B\_2412\_Ant2



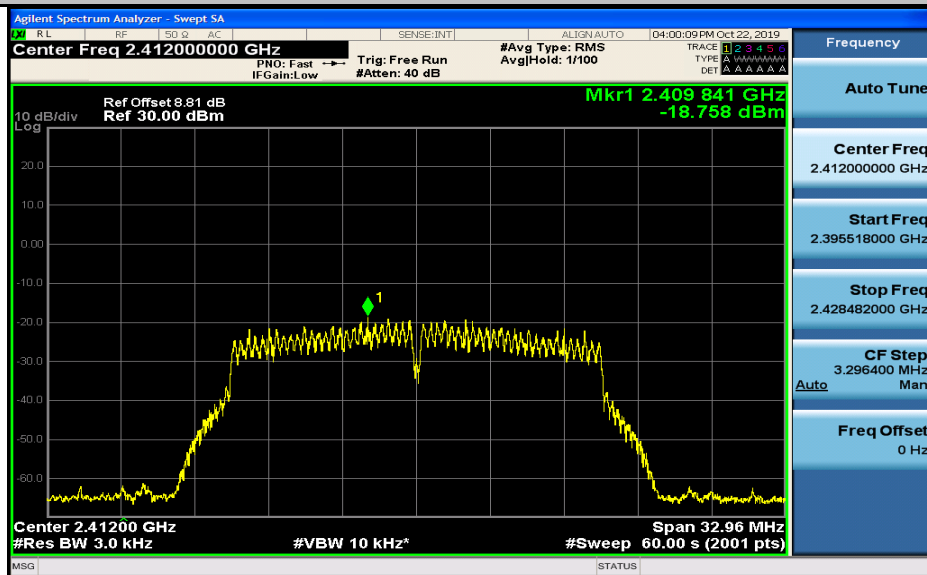
Maximum(average) power spectral density\_11B\_2437\_Ant2



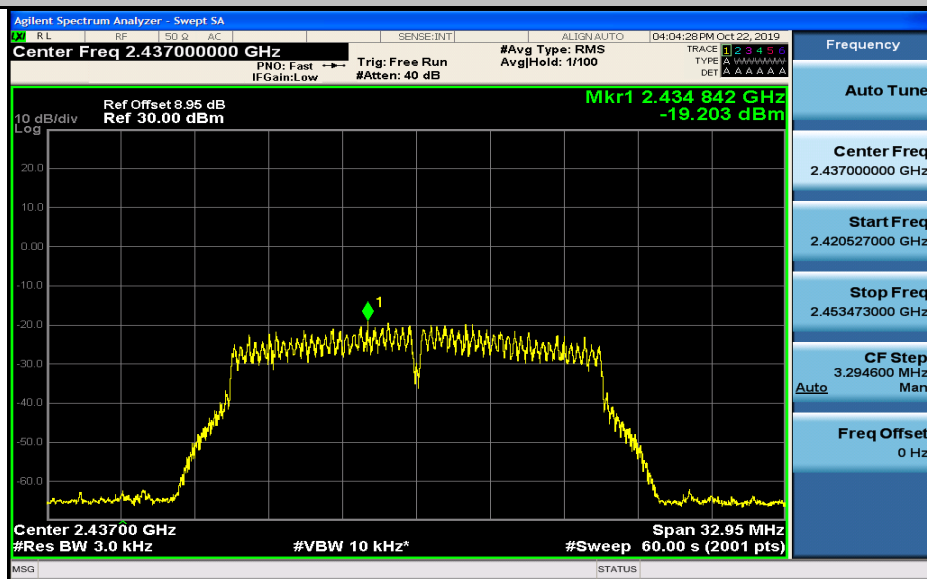
Maximum(average) power spectral density\_11B\_2462\_Ant2



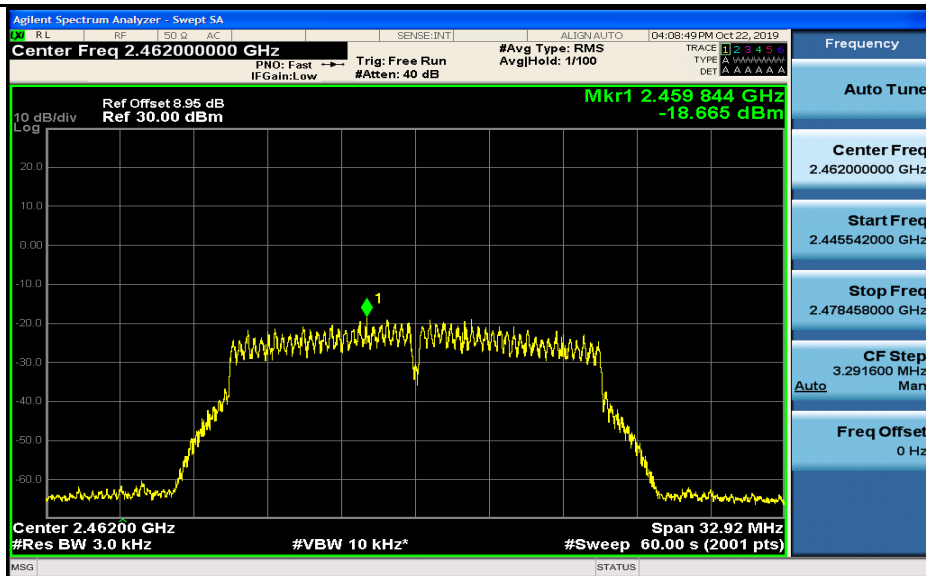
Maximum(average) power spectral density\_11G\_2412\_Ant2



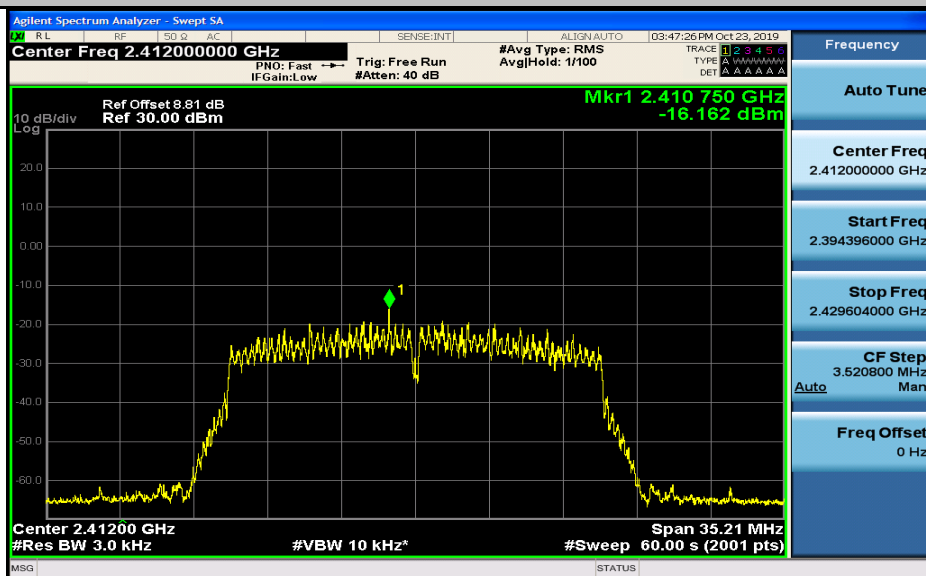
Maximum(average) power spectral density\_11G\_2437\_Ant2



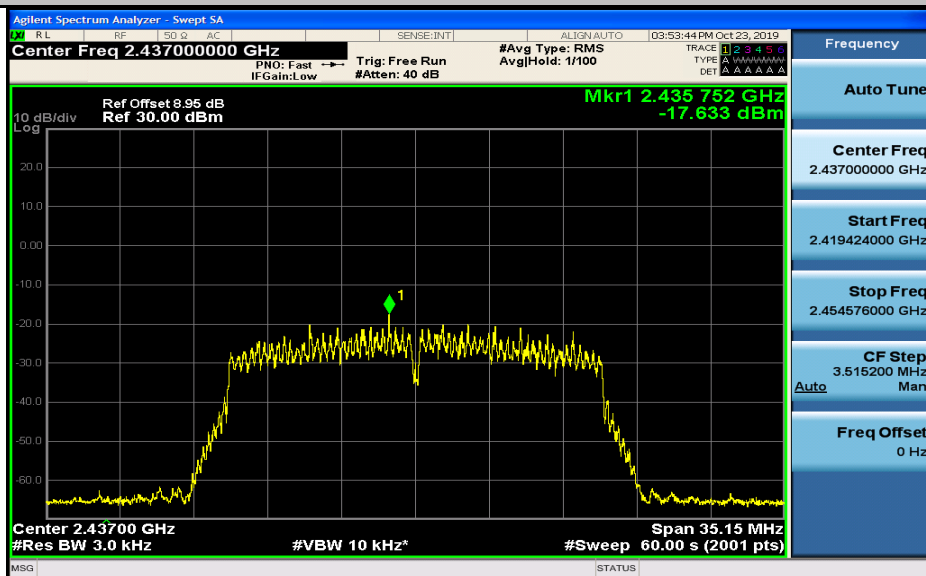
Maximum(average) power spectral density\_11G\_2462\_Ant2



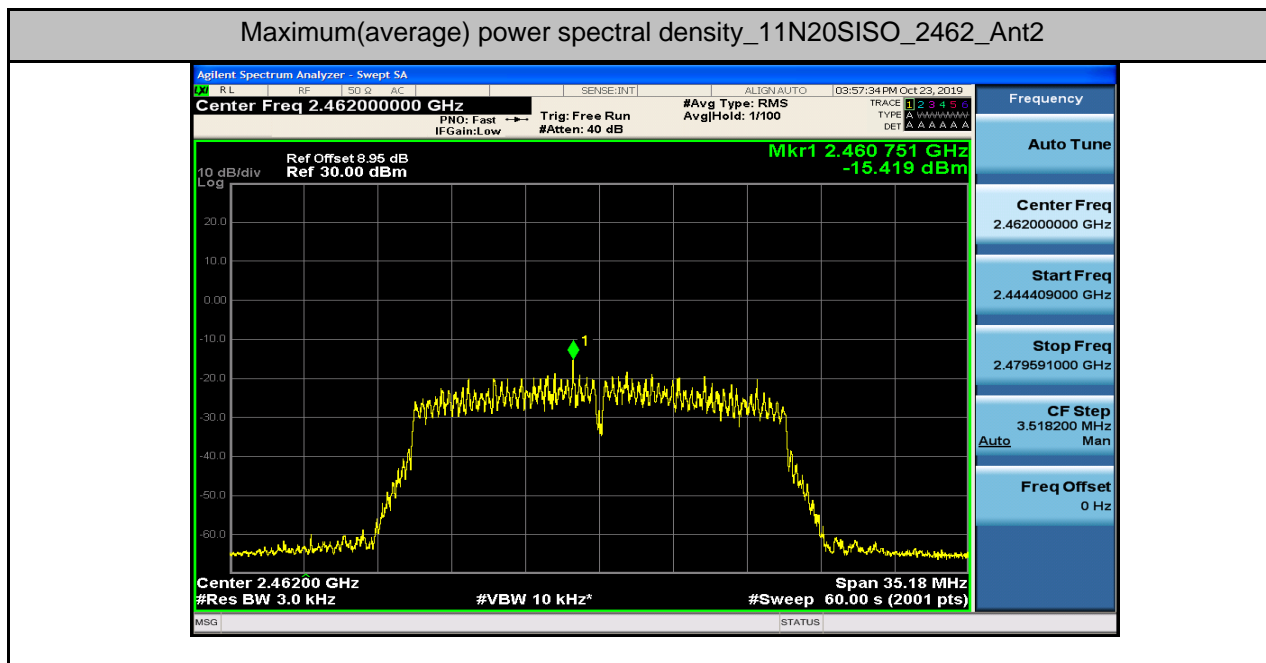
Maximum(average) power spectral density\_11N20SISO\_2412\_Ant2



Maximum(average) power spectral density\_11N20SISO\_2437\_Ant2



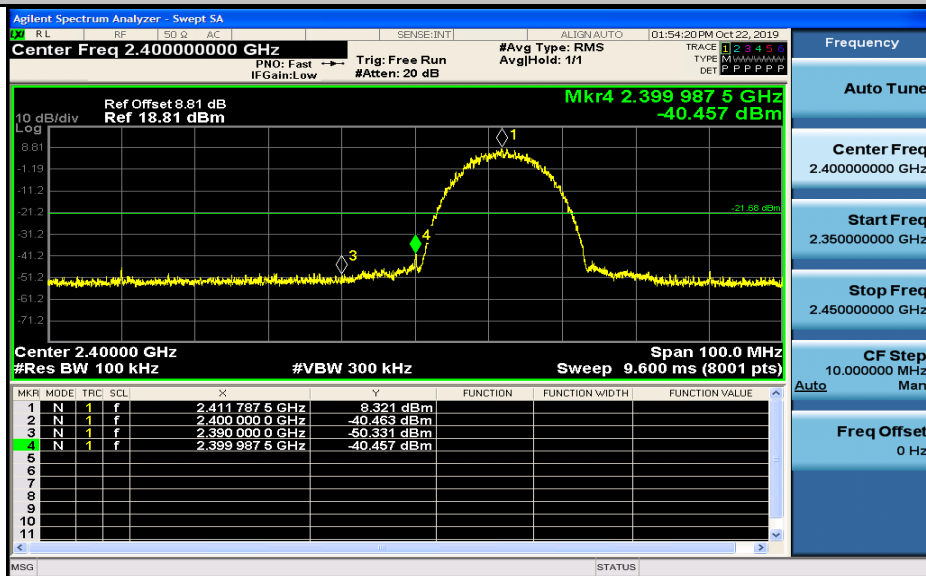
Maximum(average) power spectral density\_11N20SISO\_2462\_Ant2



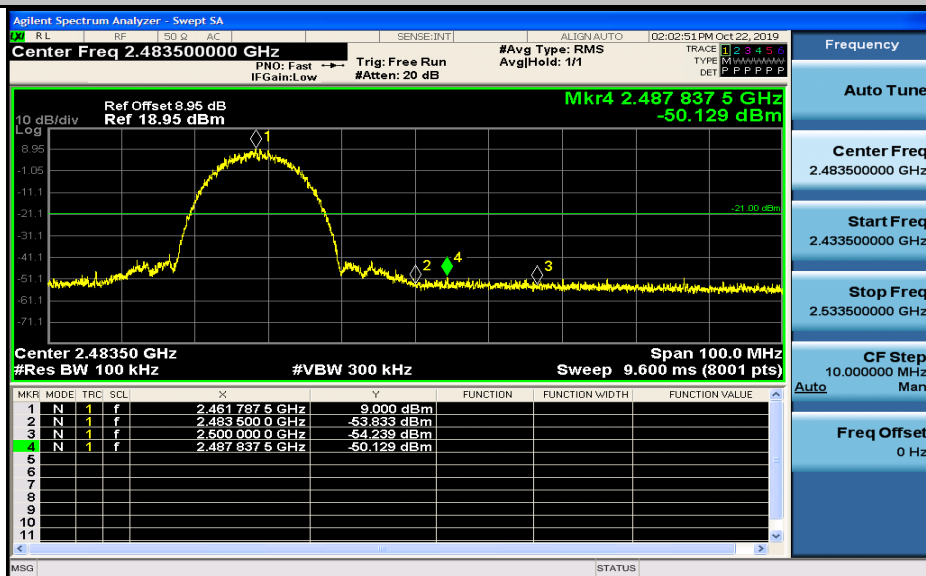
**5.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Carrier Power[dBm]		Max. Spurious Level [dBm]		Limit [dBm]		Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11B	2412	8.32	6.69	-40.46	-44.95	-21.68	-23.31	PASS
11B	2462	9.00	6.51	-50.13	-51.72	-21.00	-23.49	PASS
11G	2412	4.91	5.05	-37.93	-37.47	-25.09	-24.95	PASS
11G	2462	5.70	5.21	-44.93	-46.68	-24.30	-24.79	PASS
11N20SISO	2412	5.40	4.91	-37.91	-38.23	-24.60	-25.09	PASS
11N20SISO	2462	5.63	5.55	-45.45	-47.37	-24.37	-24.45	PASS

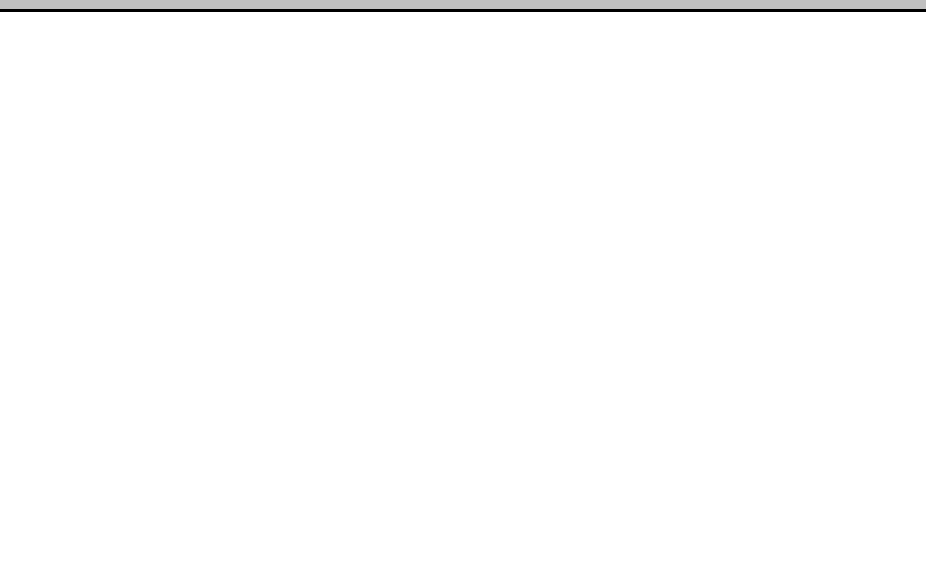
Band-edge for RF Conducted Emissions\_11B\_2412\_Ant1

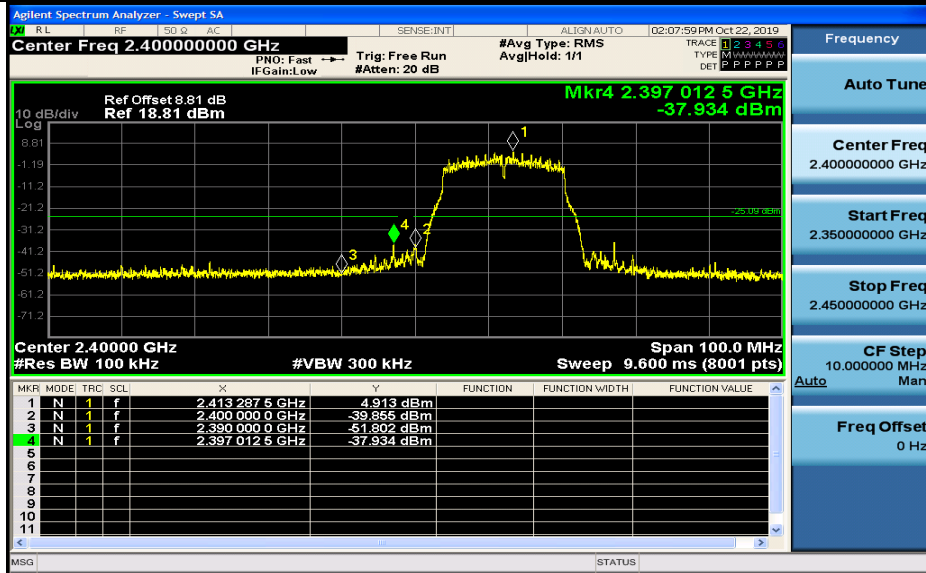


Band-edge for RF Conducted Emissions\_11B\_2462\_Ant1

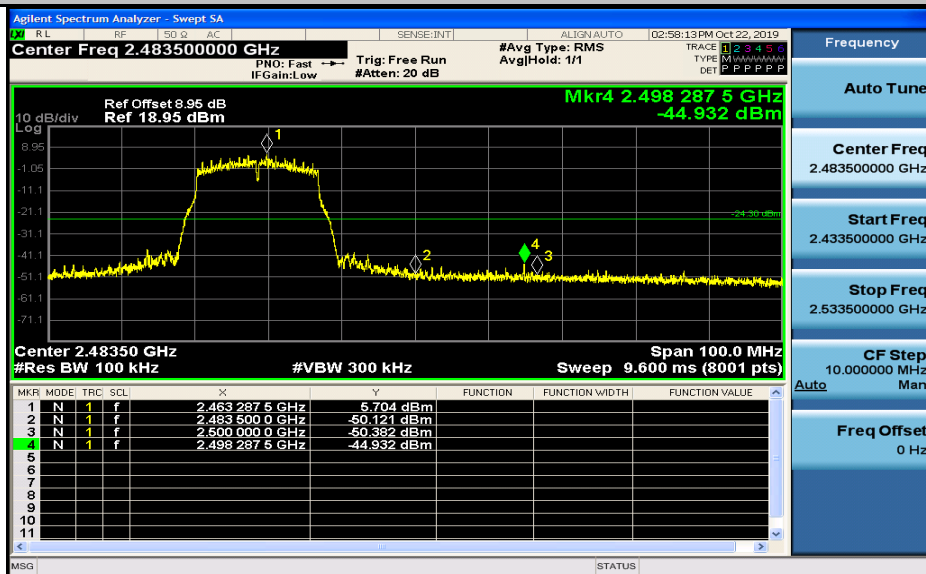


Band-edge for RF Conducted Emissions\_11G\_2412\_Ant1





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



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

