

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2406.920	2416.480	0.5	PASS
		2437	9.560	2431.920	2441.480	0.5	PASS
		2462	9.120	2457.360	2466.480	0.5	PASS
11G	Ant1	2412	16.400	2403.720	2420.120	0.5	PASS
		2437	16.400	2428.720	2445.120	0.5	PASS
		2462	16.400	2453.720	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.280	2403.400	2420.680	0.5	PASS
		2437	17.280	2428.400	2445.680	0.5	PASS
		2462	17.320	2453.400	2470.720	0.5	PASS
11N40SISO	Ant1	2422	32.800	2405.440	2438.240	0.5	PASS
		2437	32.720	2420.440	2453.160	0.5	PASS
		2452	32.960	2435.280	2468.240	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



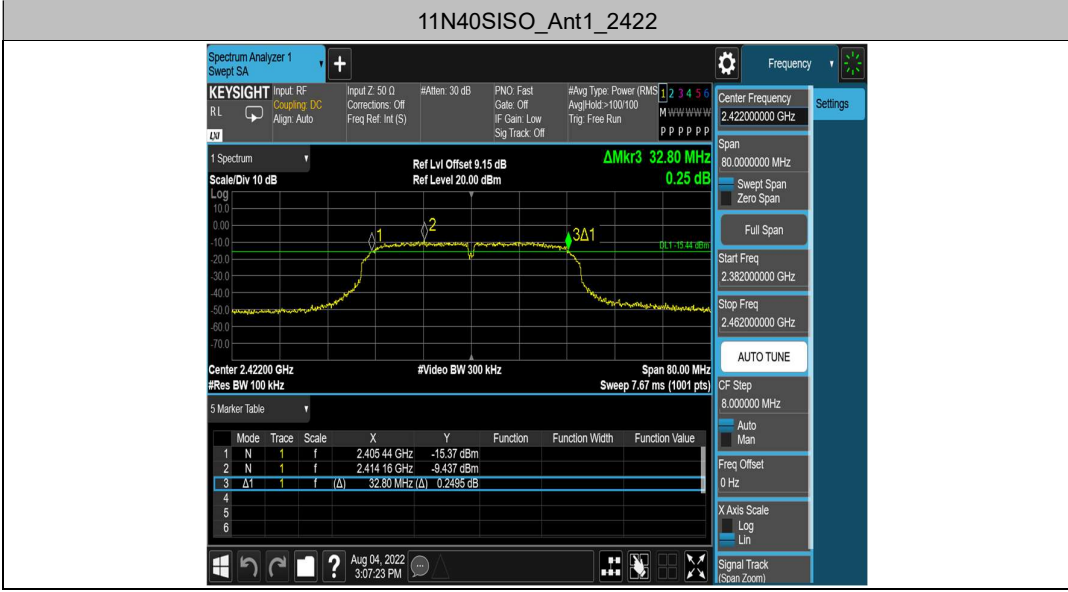
11G_Ant1_2462



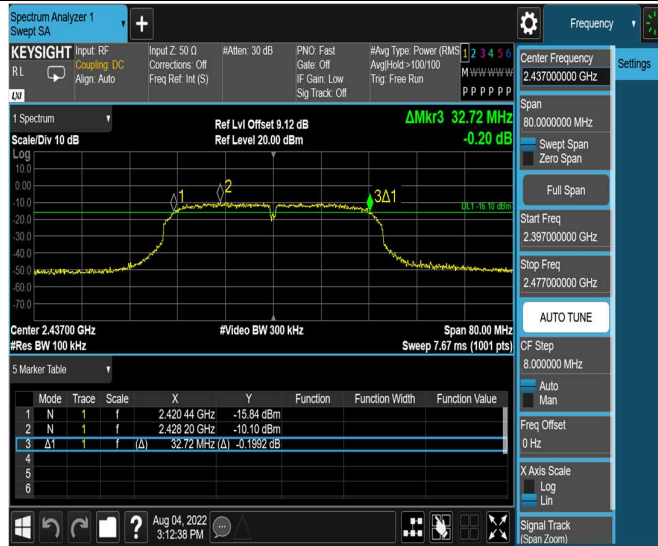
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

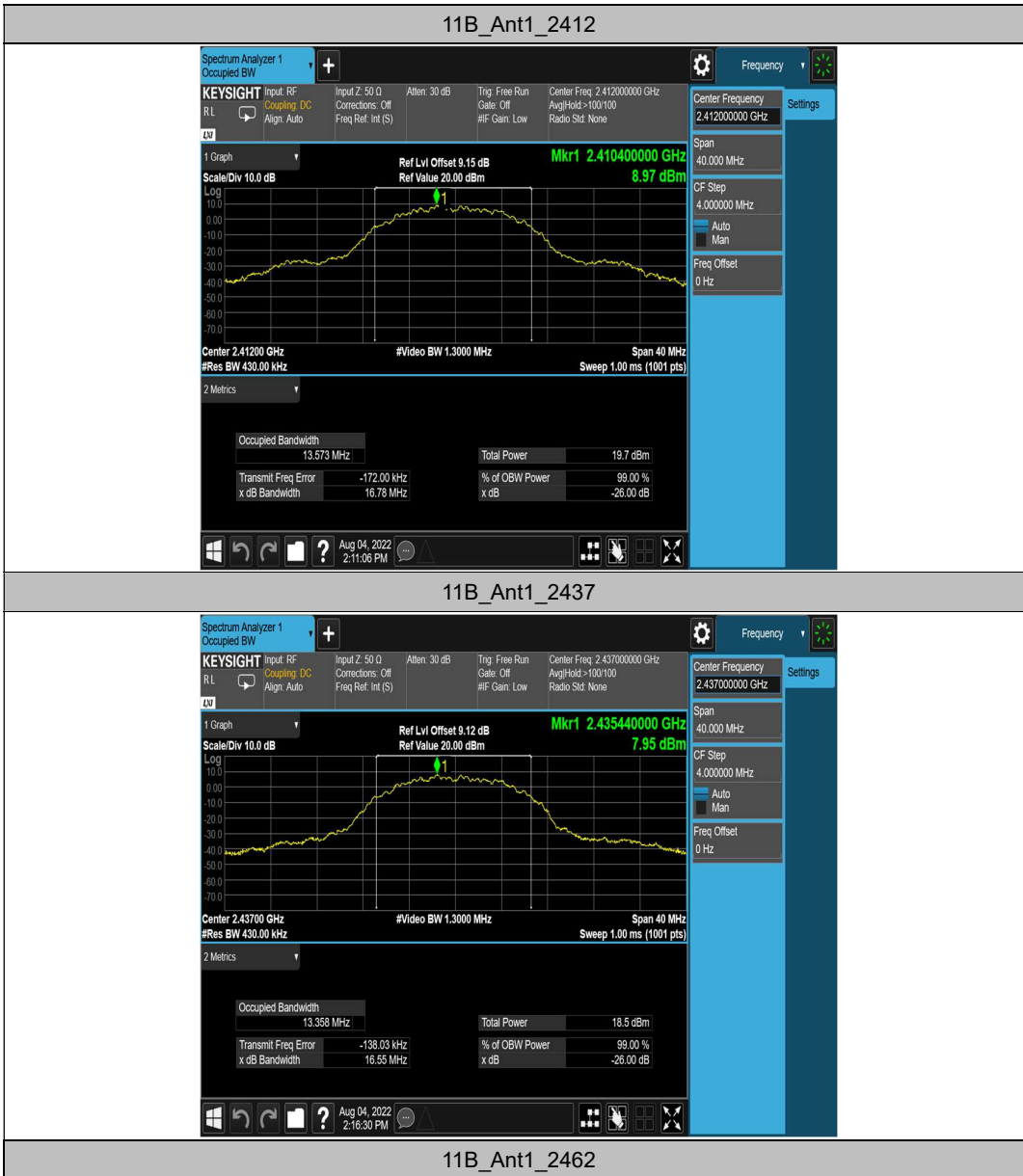


Appendix B: Occupied Channel Bandwidth

Test Result

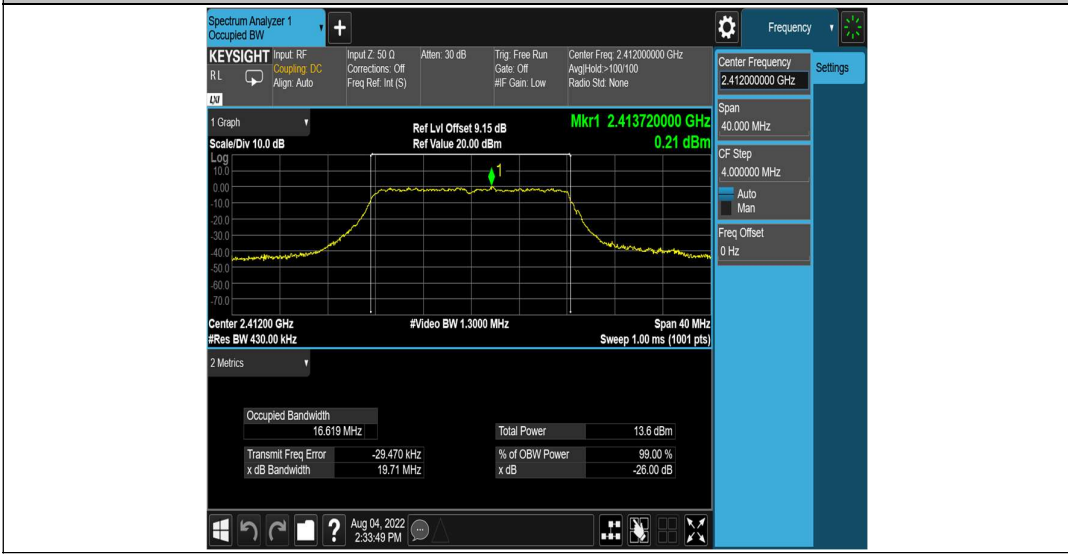
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.569	2405.043	2418.612	---	---
		2437	13.365	2430.176	2443.541	---	---
		2462	13.219	2455.260	2468.479	---	---
11G	Ant1	2412	16.620	2403.657	2420.277	---	---
		2437	16.600	2428.646	2445.246	---	---
		2462	16.605	2453.658	2470.263	---	---
11N20SISO	Ant1	2412	17.374	2403.235	2420.609	---	---
		2437	17.372	2428.235	2445.607	---	---
		2462	17.368	2453.244	2470.612	---	---
11N40SISO	Ant1	2422	34.414	2404.710	2439.124	---	---
		2437	34.378	2419.732	2454.110	---	---
		2452	34.477	2434.695	2469.172	---	---

Test Graphs

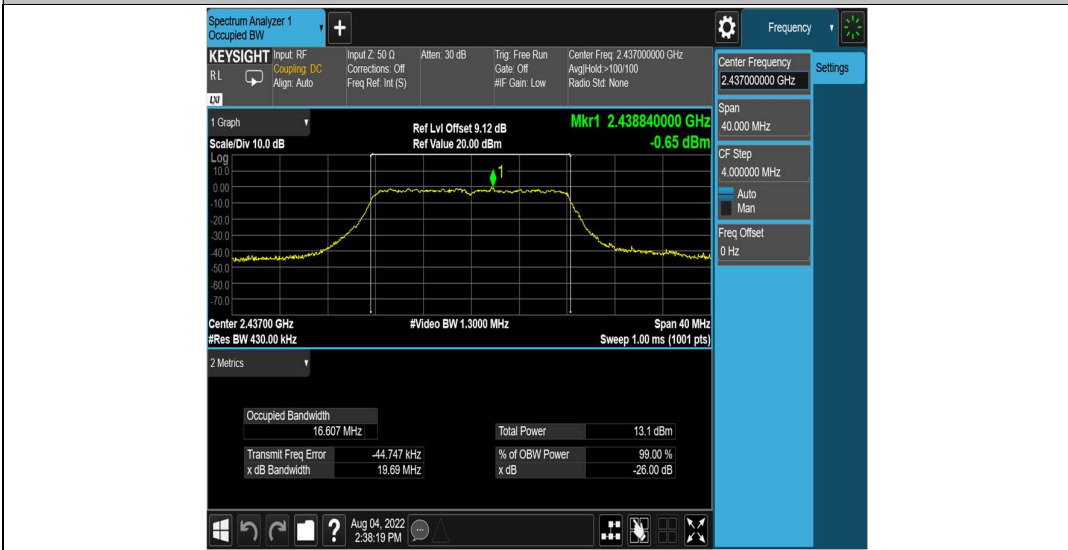




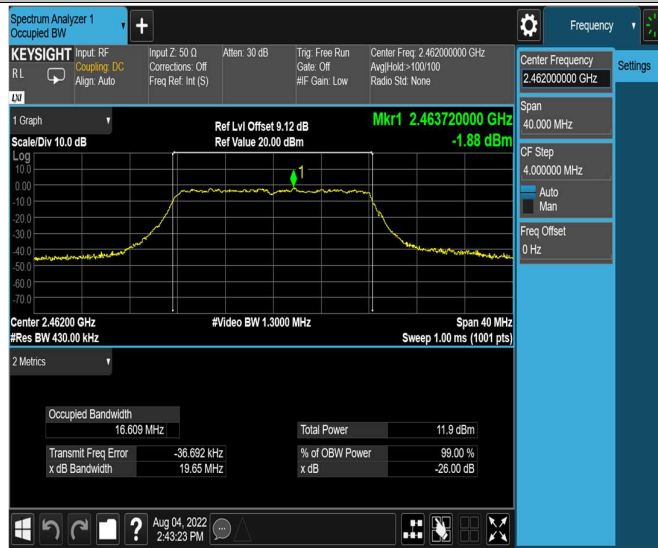
11G_An1_2412



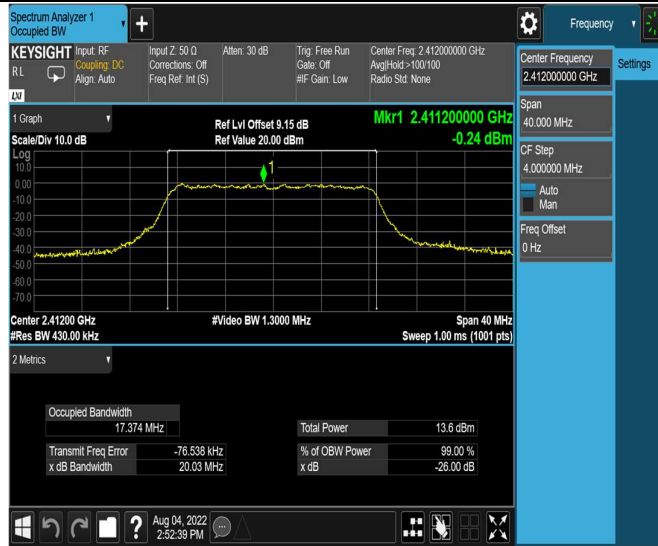
11G_An1_2437



11G_Ant1_2462



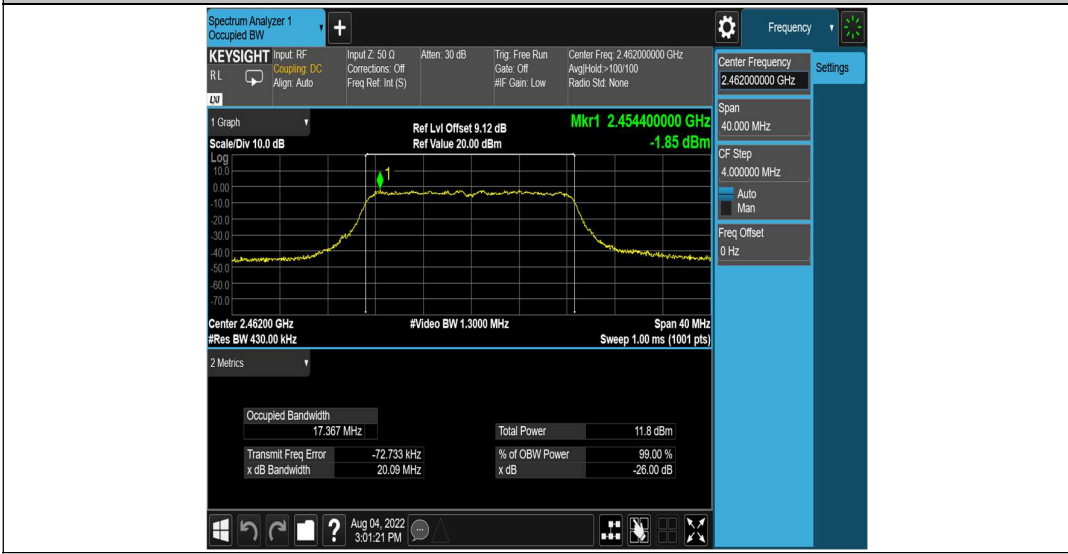
11N20SISO_Ant1_2412



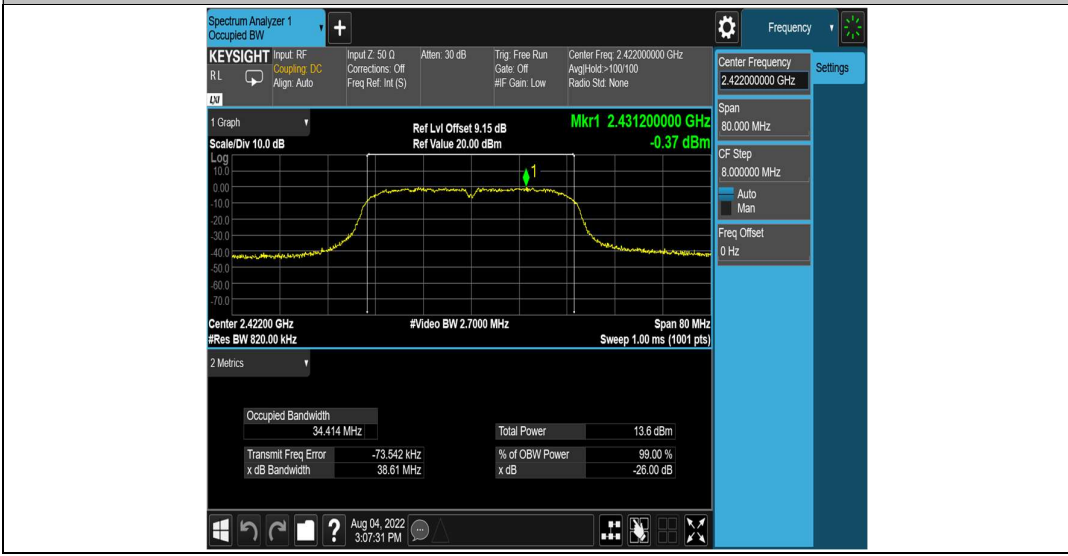
11N20SISO_Ant1_2437



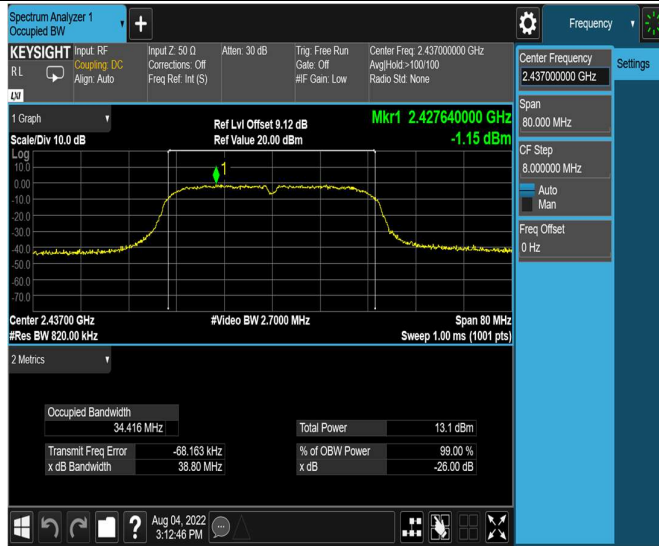
11N20SISO_Ant1_2462



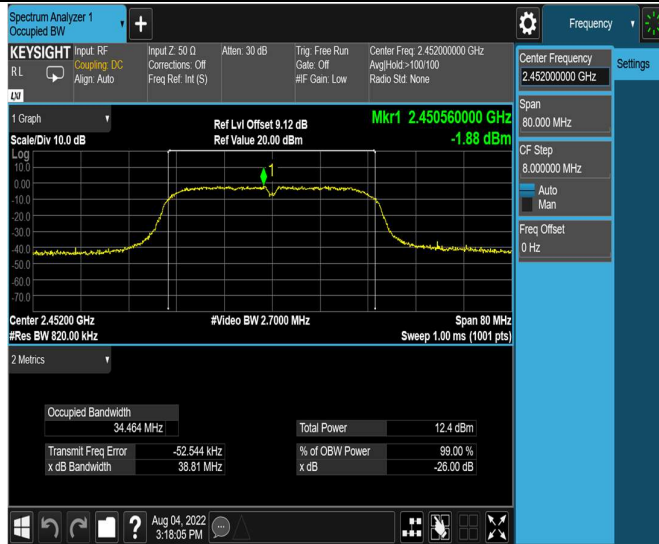
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

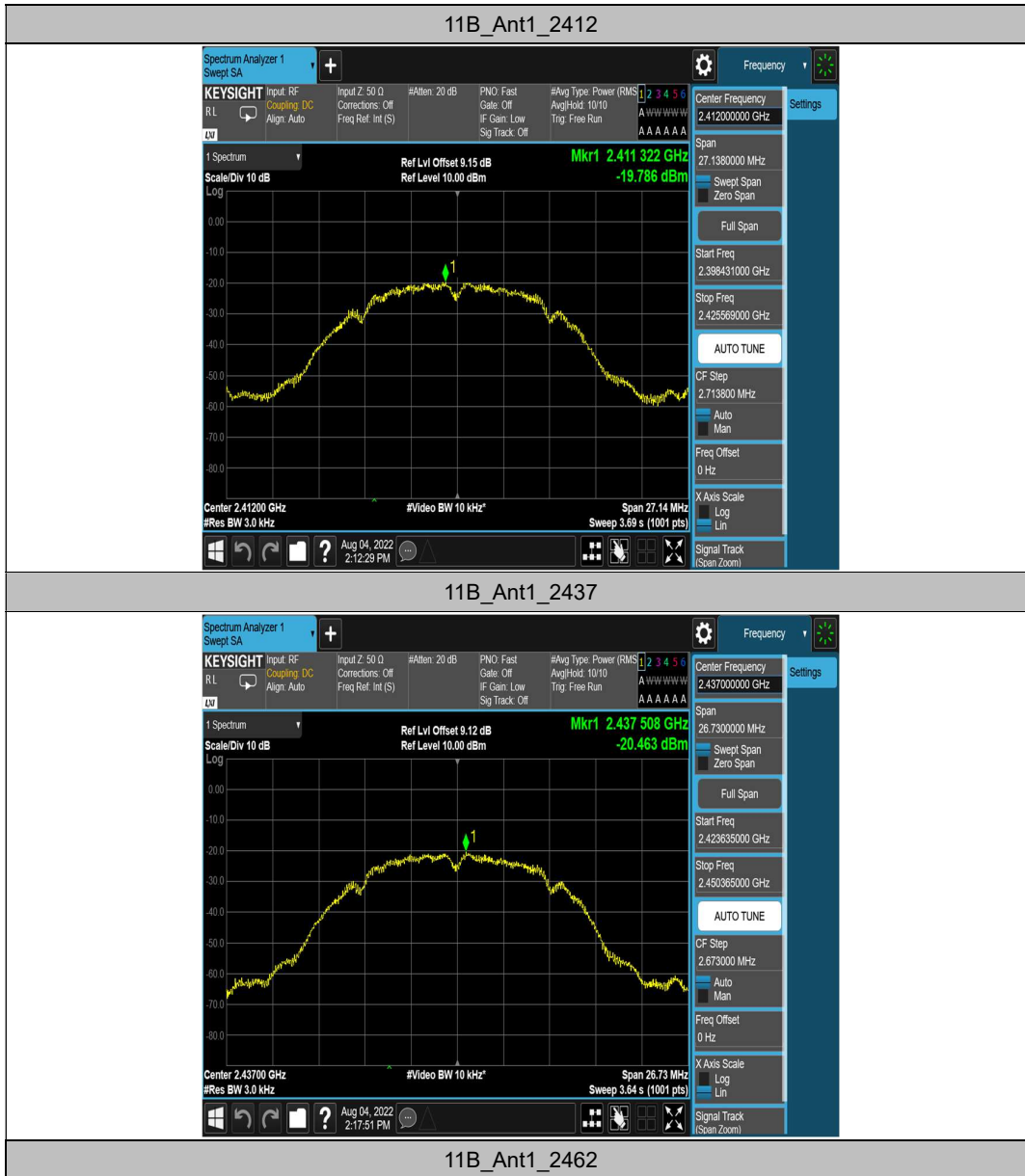
TestMode	Antenna	Frequency[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	13.05	≤30.00	14.55	≤36.00	PASS
		2437	11.92	≤30.00	13.42	≤36.00	PASS
		2462	10.98	≤30.00	12.48	≤36.00	PASS
11G	Ant1	2412	6.79	≤30.00	8.29	≤36.00	PASS
		2437	6.21	≤30.00	7.71	≤36.00	PASS
		2462	5.05	≤30.00	6.55	≤36.00	PASS
11N20SIS O	Ant1	2412	6.57	≤30.00	8.07	≤36.00	PASS
		2437	6.00	≤30.00	7.50	≤36.00	PASS
		2462	4.83	≤30.00	6.33	≤36.00	PASS
11N40SIS O	Ant1	2422	6.15	≤30.00	7.65	≤36.00	PASS
		2437	5.53	≤30.00	7.03	≤36.00	PASS
		2452	4.96	≤30.00	6.46	≤36.00	PASS

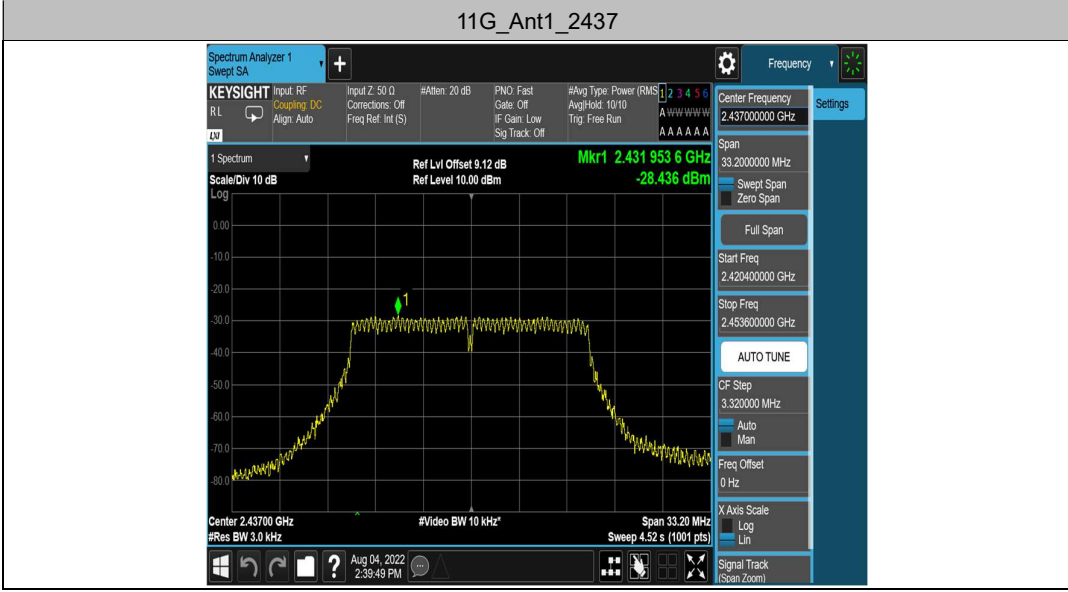
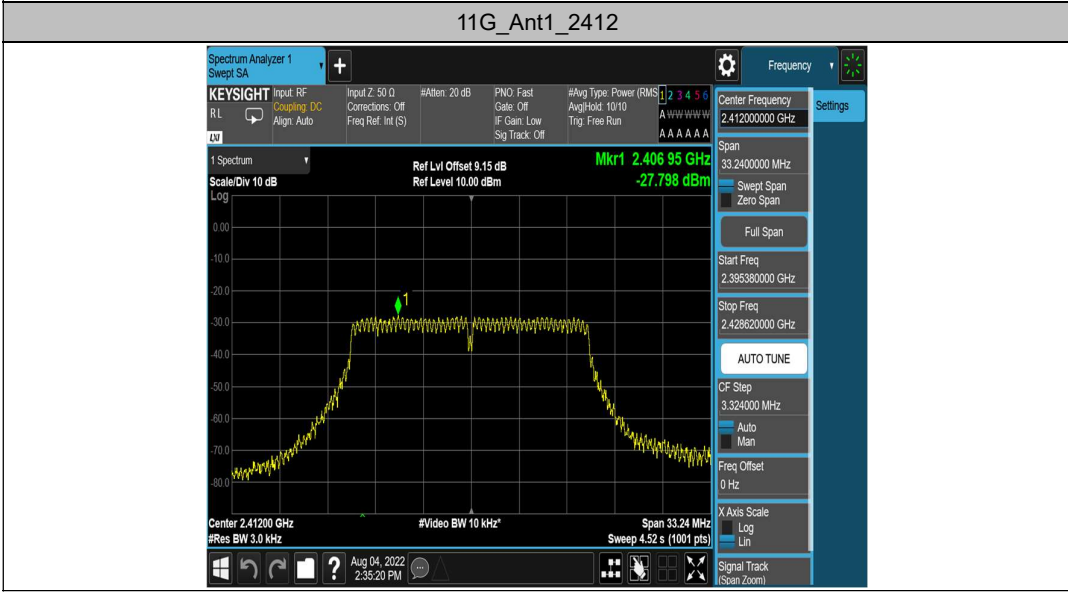
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-19.79	≤8.00	PASS
		2437	-20.46	≤8.00	PASS
		2462	-20.76	≤8.00	PASS
11G	Ant1	2412	-27.8	≤8.00	PASS
		2437	-28.44	≤8.00	PASS
		2462	-29.69	≤8.00	PASS
11N20SISO	Ant1	2412	-28.42	≤8.00	PASS
		2437	-29	≤8.00	PASS
		2462	-30.16	≤8.00	PASS
11N40SISO	Ant1	2422	-31.66	≤8.00	PASS
		2437	-32.36	≤8.00	PASS
		2452	-32.95	≤8.00	PASS

Test Graphs

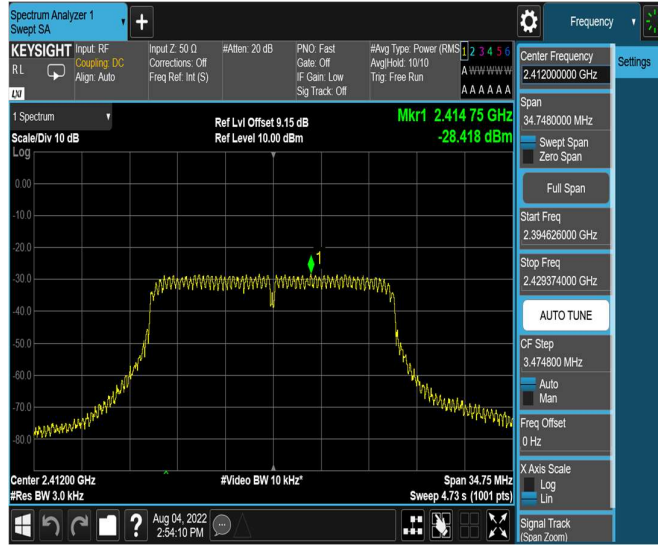




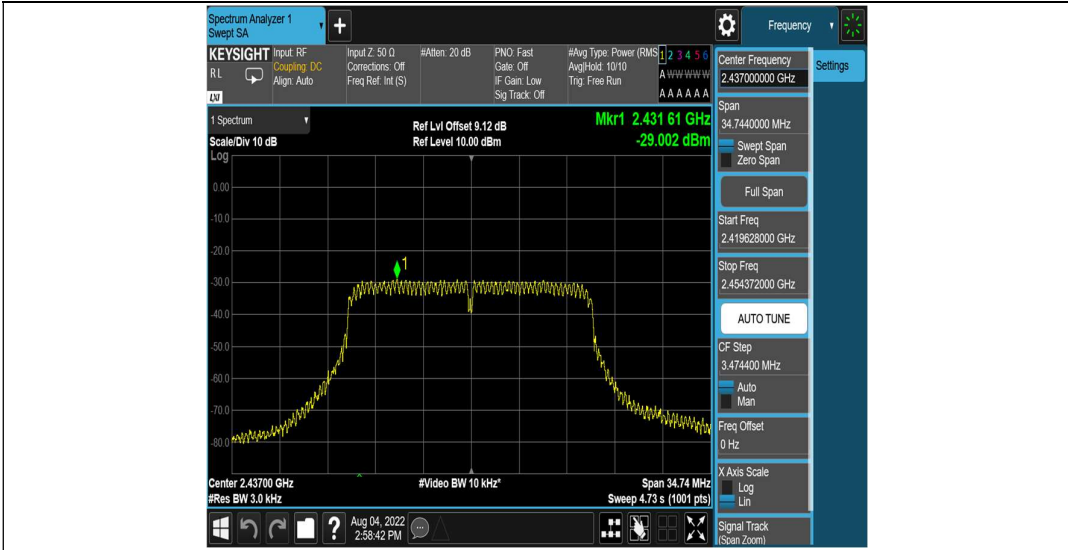
11G_Ant1_2462



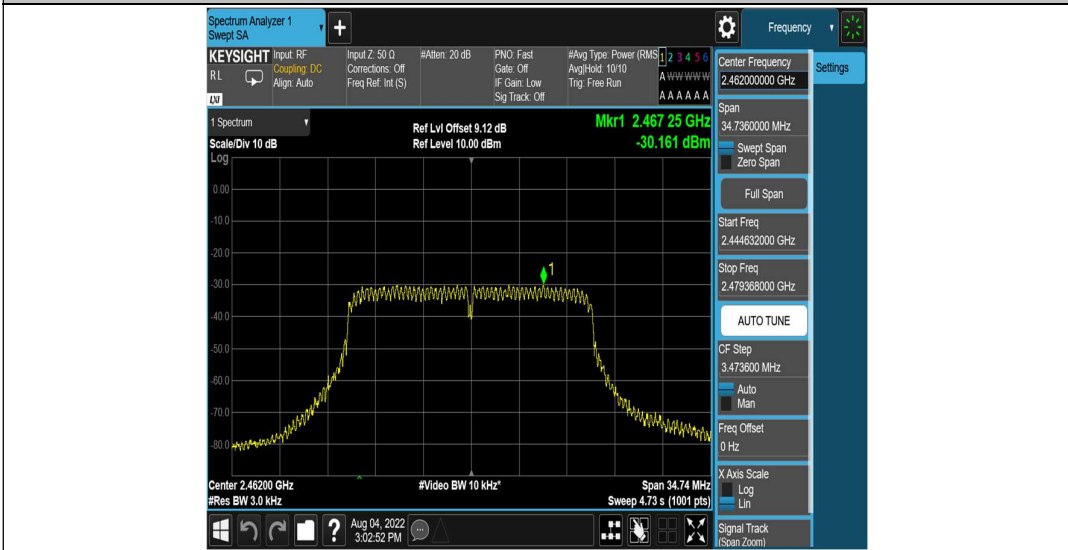
11N20SISO_Ant1_2412



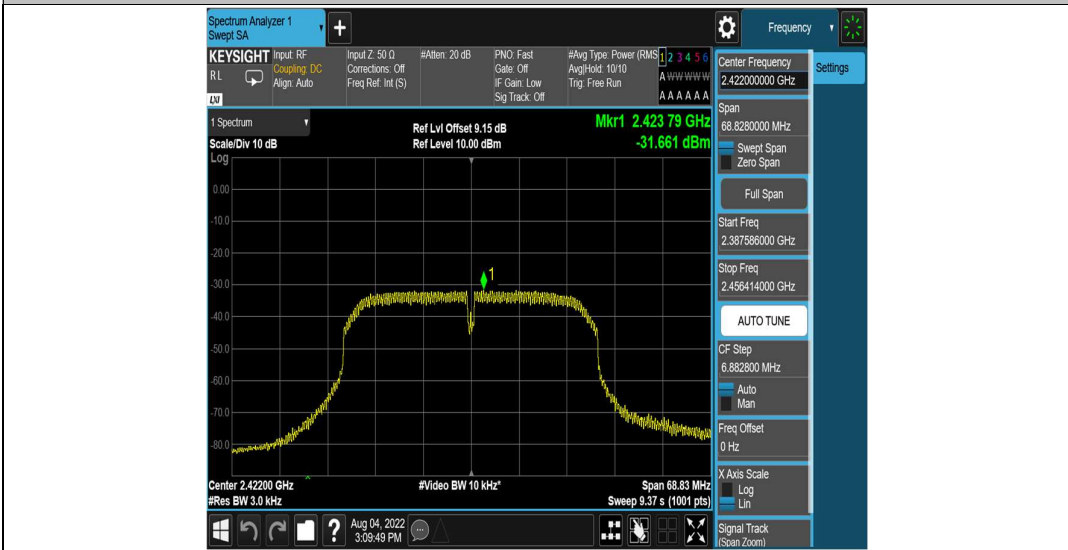
11N20SISO_Ant1_2437



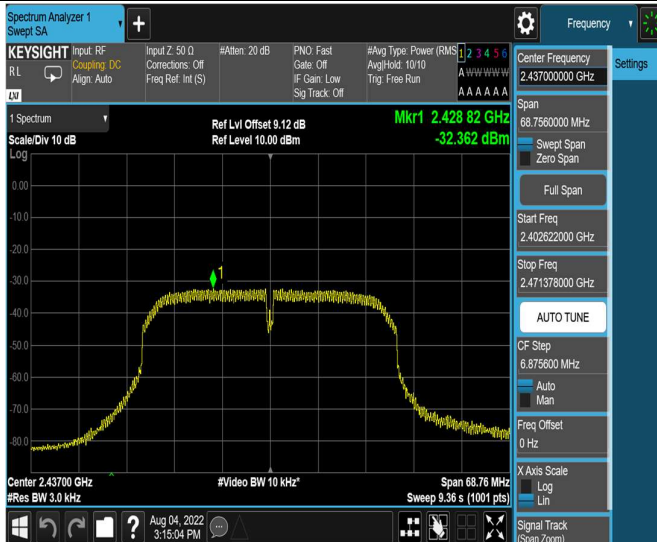
11N20SISO_Ant1_2462



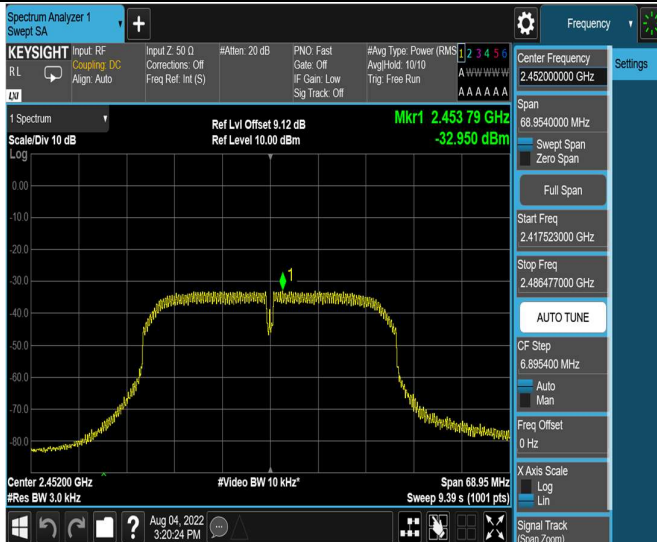
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Reference level measurement

Test Result

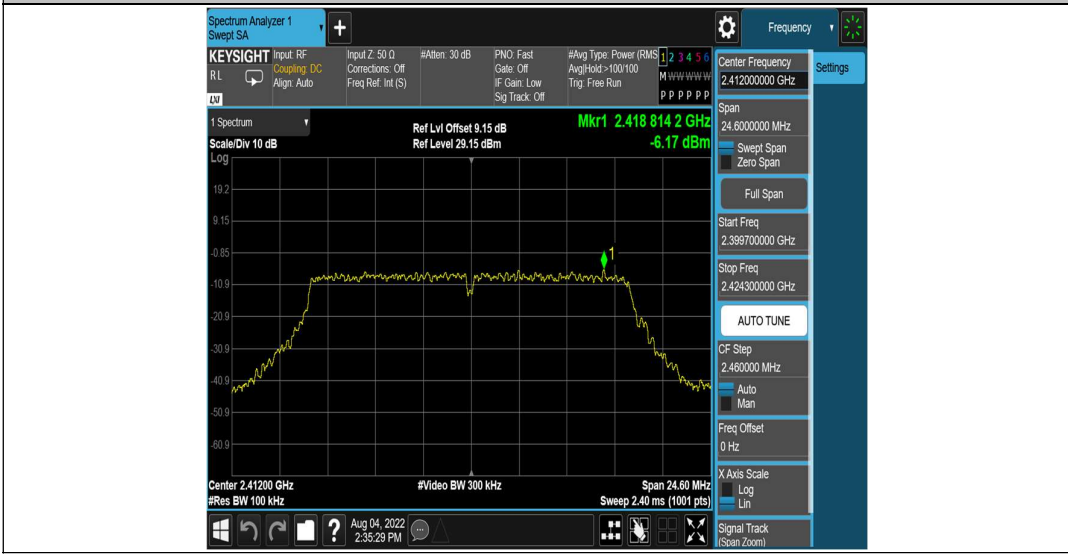
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.43	4.39
		2437	2436.43	3.38
		2462	2461.43	2.52
11G	Ant1	2412	2418.81	-6.17
		2437	2439.44	-6.96
		2462	2468.81	-7.97
11N20SISO	Ant1	2412	2411.30	-6.03
		2437	2431.56	-6.88
		2462	2461.30	-7.68
11N40SISO	Ant1	2422	2414.13	-9.57
		2437	2429.15	-10.21
		2452	2443.20	-10.85

Test Graphs

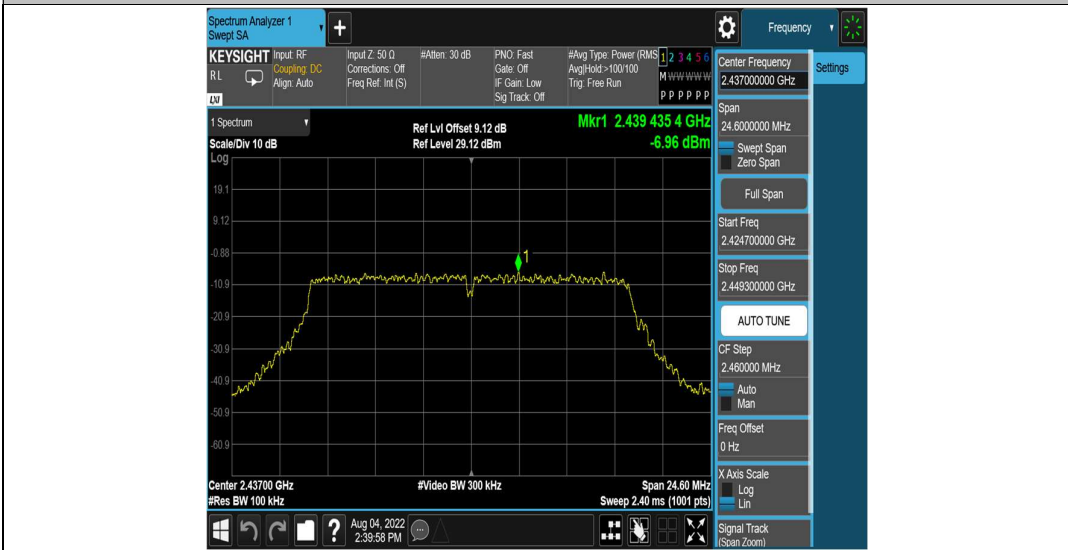




11G_Ant1_2412



11G_Ant1_2437



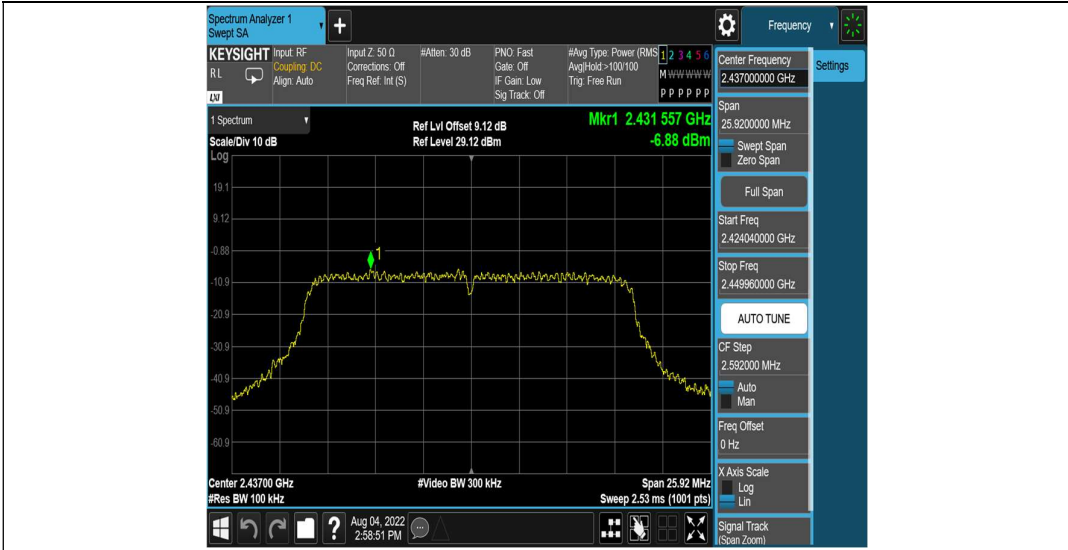
11G_Ant1_2462



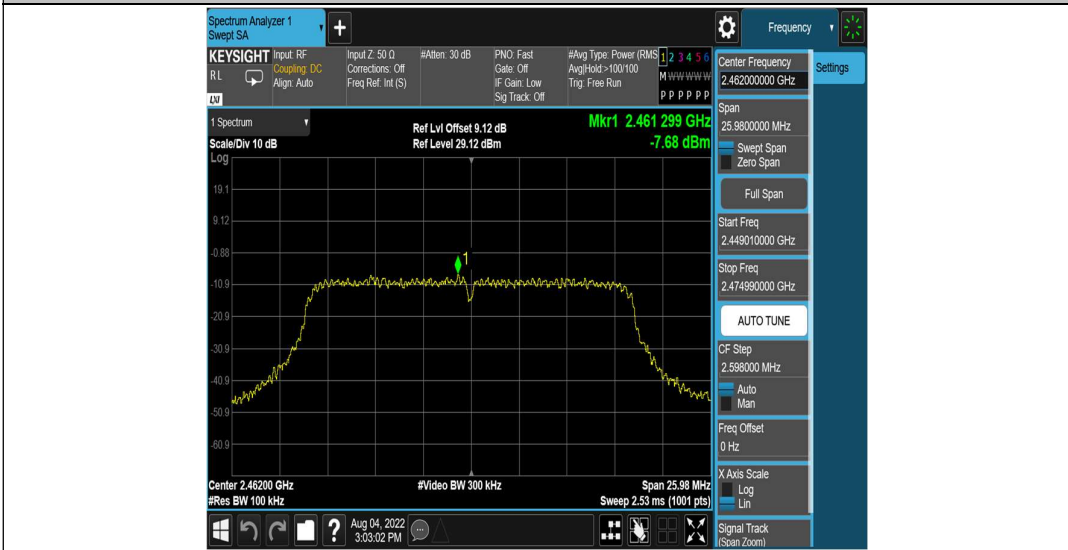
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

