

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.600	2407.480	2416.080	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	8.520	2458.000	2466.520	0.5	PASS
11G	Ant1	2412	15.720	2404.080	2419.800	0.5	PASS
		2437	16.040	2428.880	2444.920	0.5	PASS
		2462	16.280	2453.880	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
		2437	17.240	2428.280	2445.520	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS

Test Graphs



11B_Ant1_2412



11B_Ant1_2437



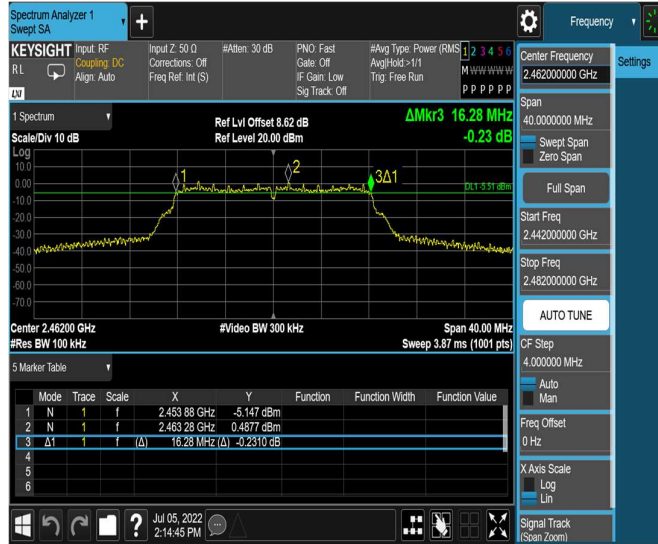
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.013	2405.008	2419.021	---	---
		2437	13.992	2430.001	2443.993	---	---
		2462	14.012	2455.008	2469.020	---	---
11G	Ant1	2412	16.989	2403.516	2420.505	---	---
		2437	17.033	2428.481	2445.514	---	---
		2462	17.065	2453.480	2470.545	---	---
11N20SISO	Ant1	2412	18.133	2402.951	2421.084	---	---
		2437	18.133	2427.942	2446.075	---	---
		2462	18.098	2452.975	2471.073	---	---

Test Graphs



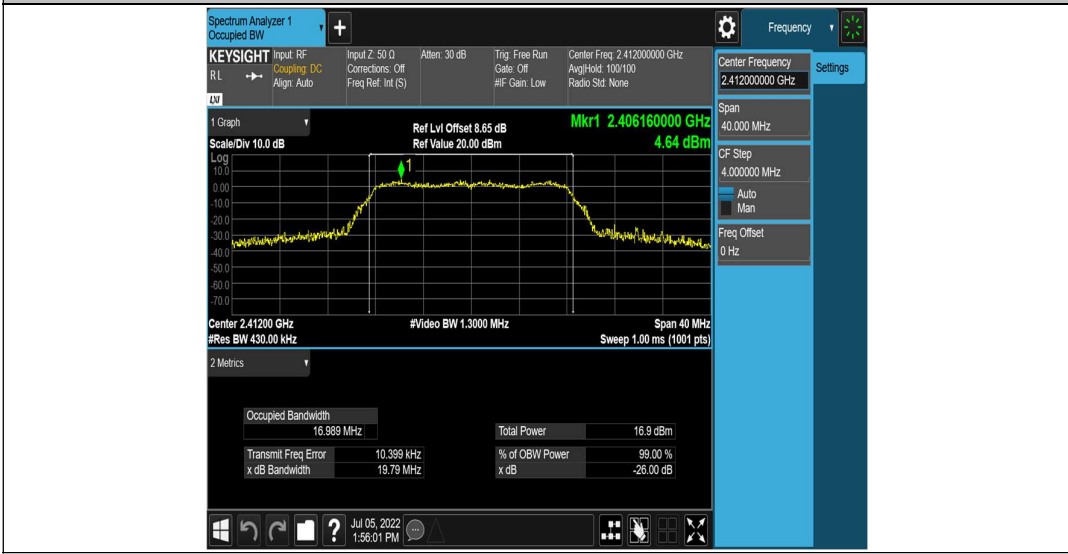
11B_Ant1_2412



11B_Ant1_2437



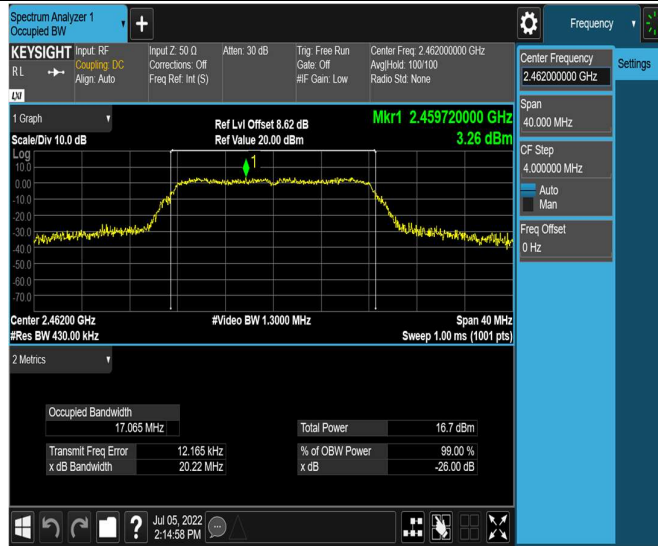
11B_An1_2462



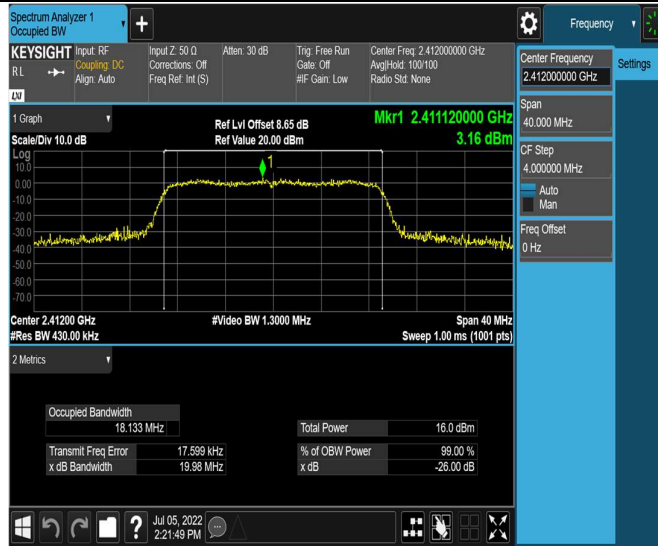
11G_An1_2412



11G_Ant1_2437



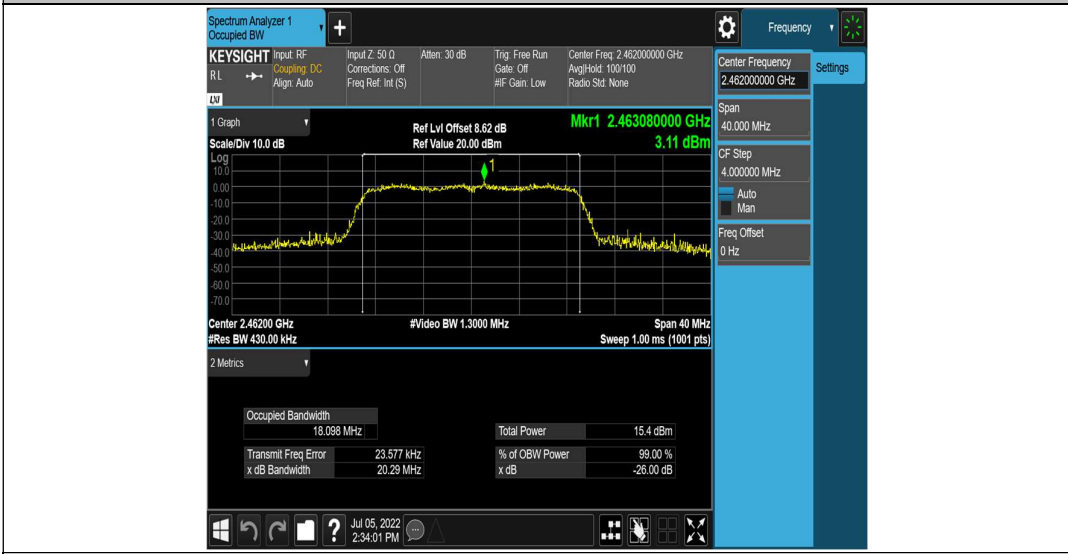
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Set Power	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	12.92	≤30.00	12.92	≤36.00	PASS
		2437	---	13.17	≤30.00	13.17	≤36.00	PASS
		2462	---	12.63	≤30.00	12.63	≤36.00	PASS
11G	Ant1	2412	---	11.56	≤30.00	11.56	≤36.00	PASS
		2437	---	11.65	≤30.00	11.65	≤36.00	PASS
		2462	---	11.16	≤30.00	11.16	≤36.00	PASS
11N20SISO	Ant1	2412	---	10.45	≤30.00	10.45	≤36.00	PASS
		2437	---	10.56	≤30.00	10.56	≤36.00	PASS
		2462	---	9.26	≤30.00	9.26	≤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	-17.92	≤8.00	PASS
		2437	-18.01	≤8.00	PASS
		2462	-18.18	≤8.00	PASS
11G	Ant1	2412	-21.84	≤8.00	PASS
		2437	-22.03	≤8.00	PASS
		2462	-22.28	≤8.00	PASS
11N20SISO	Ant1	2412	-23.08	≤8.00	PASS
		2437	-22.58	≤8.00	PASS
		2462	-23.89	≤8.00	PASS

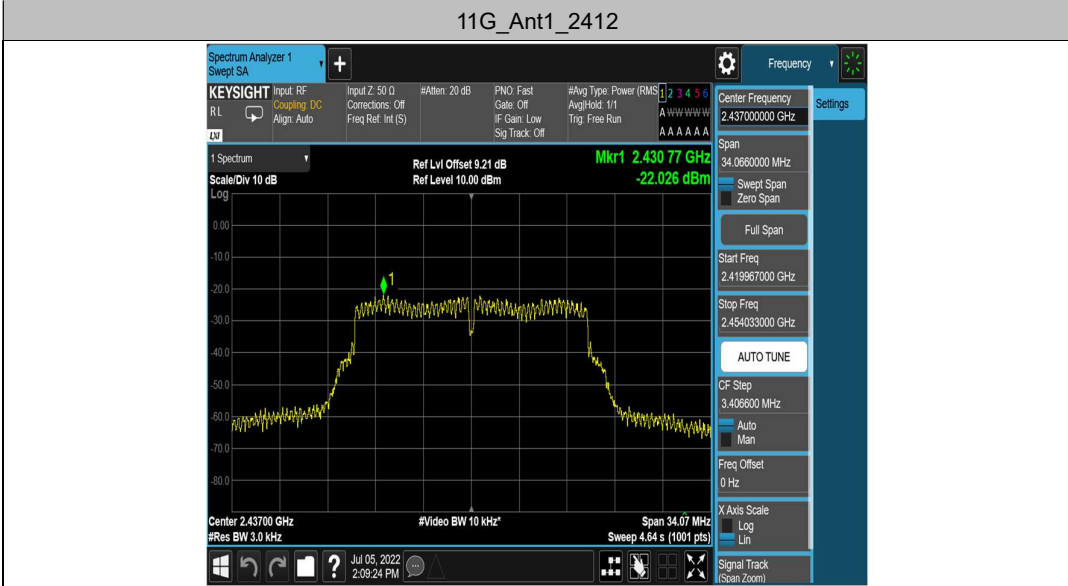
Test Graphs



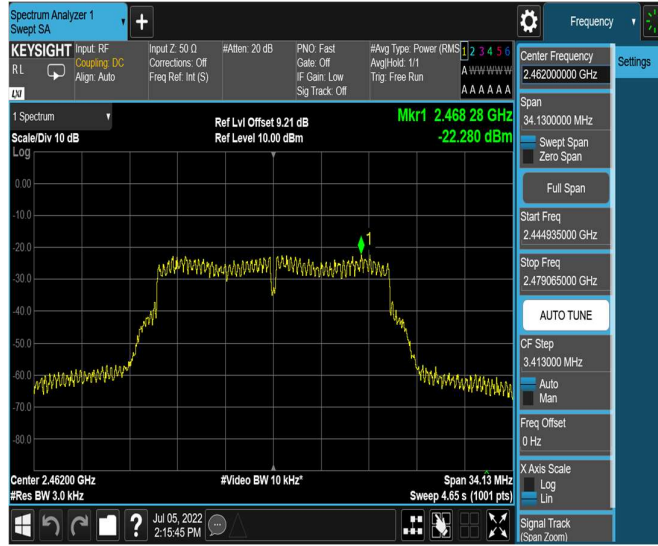
11B_Ant1_2412



11B_Ant1_2437



11G_Ant1_2437



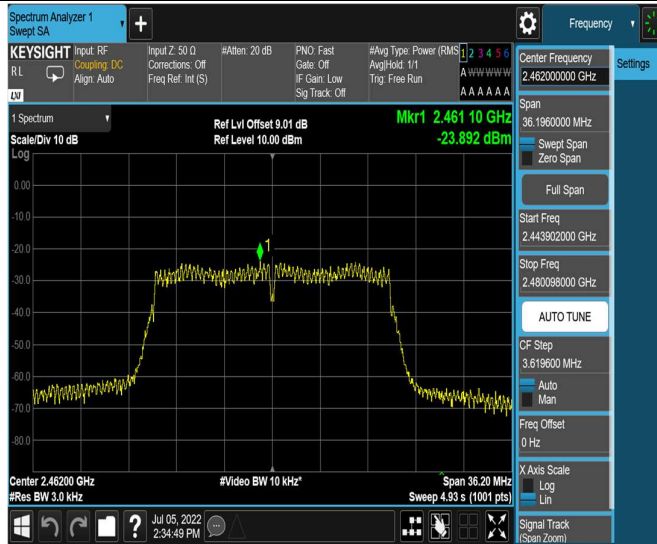
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



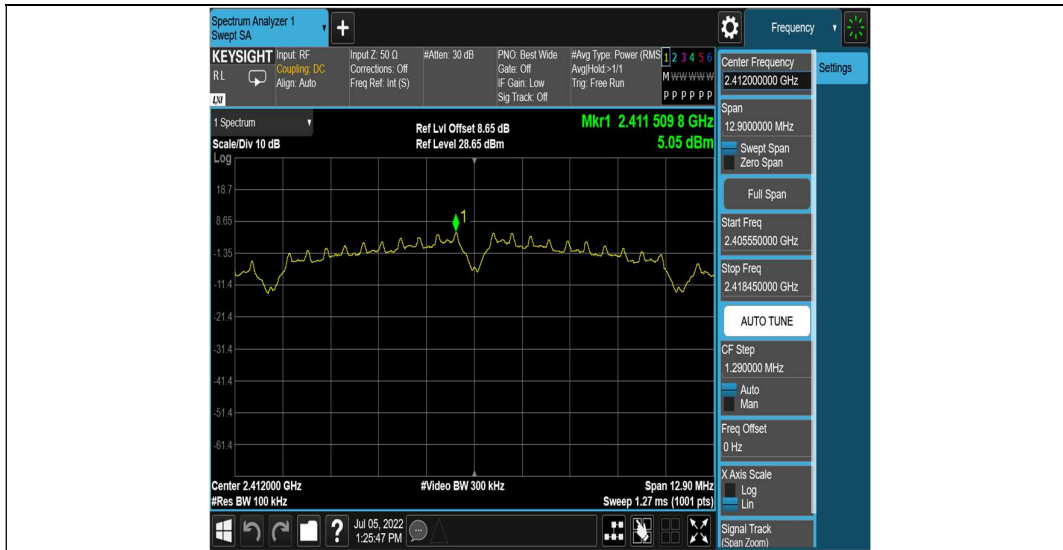
11N20SISO_Ant1_2462

Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.51	5.05
		2437	2436.53	4.95
		2462	2462.52	4.70
11G	Ant1	2412	2413.32	0.53
		2437	2430.77	1.50
		2462	2455.77	1.21
11N20SISO	Ant1	2412	2418.31	-0.22
		2437	2438.29	0.40
		2462	2455.76	0.06

Test Graphs



11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.05	-32.23	≤-24.94	PASS
		High	2462	4.70	-47.58	≤-25.51	PASS
11G	Ant1	Low	2412	0.53	-32.14	≤-29.47	PASS
		High	2462	1.21	-42.18	≤-28.79	PASS
11N20SISO	Ant1	Low	2412	-0.22	-34.78	≤-30.22	PASS
		High	2462	0.06	-43.59	≤-29.94	PASS

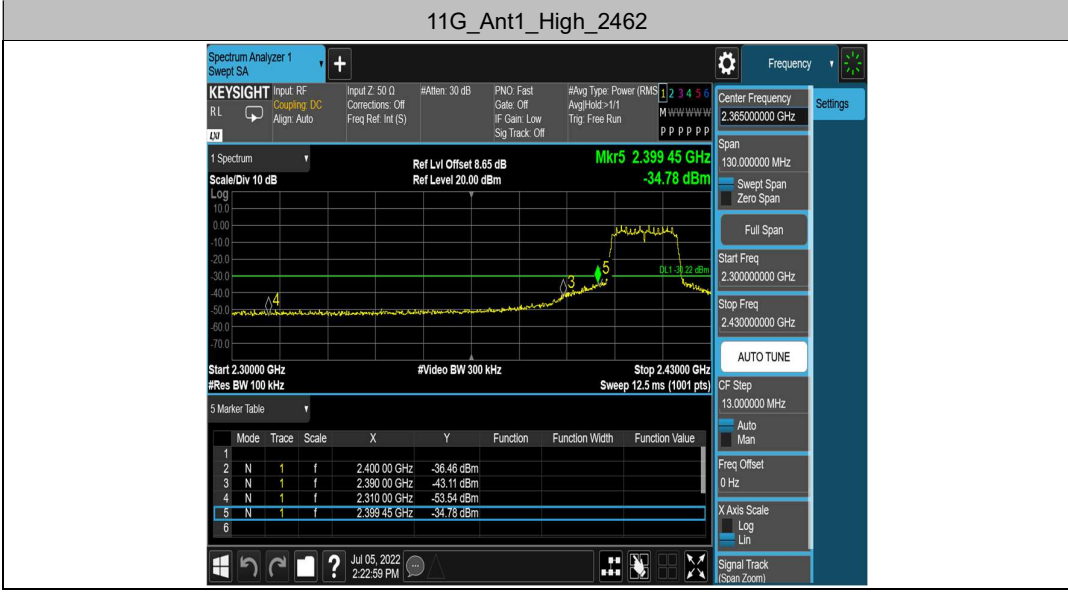
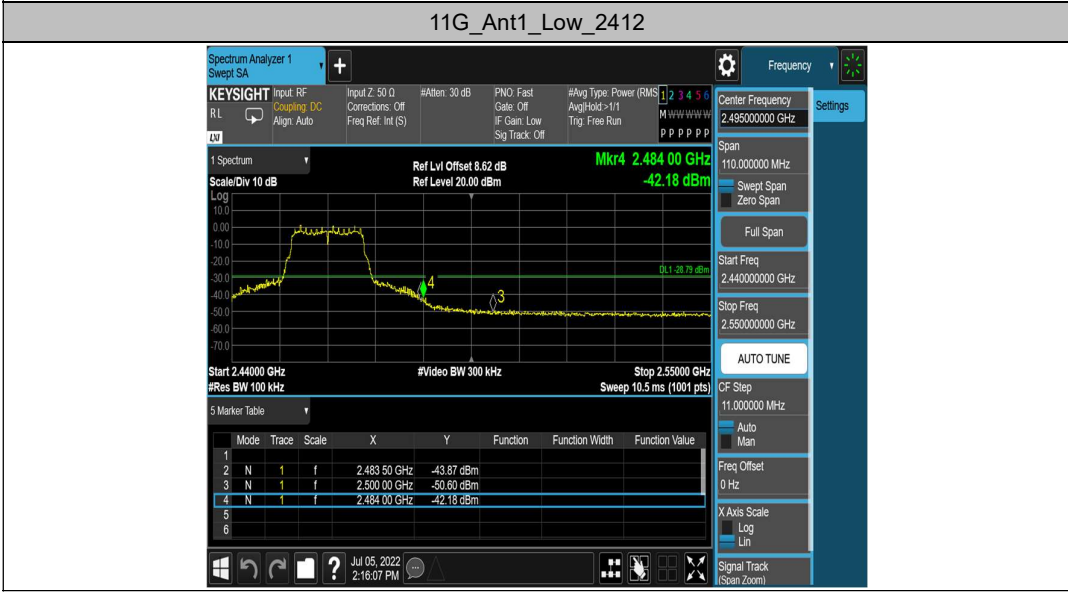
Test Graphs



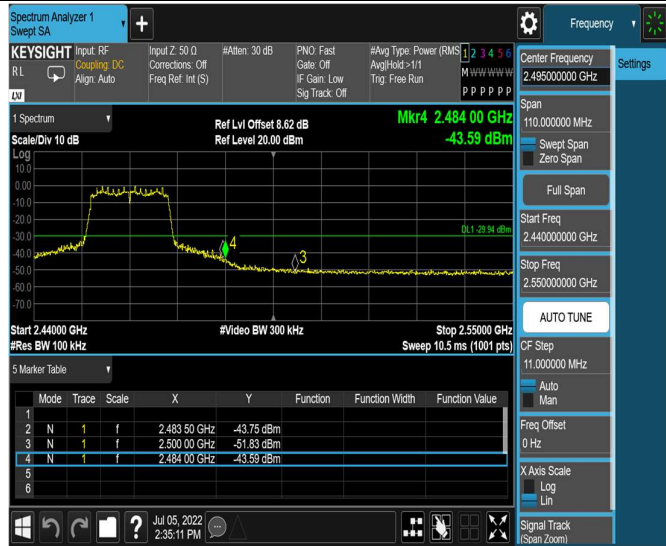
11B_Ant1_Low_2412



11B_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462