

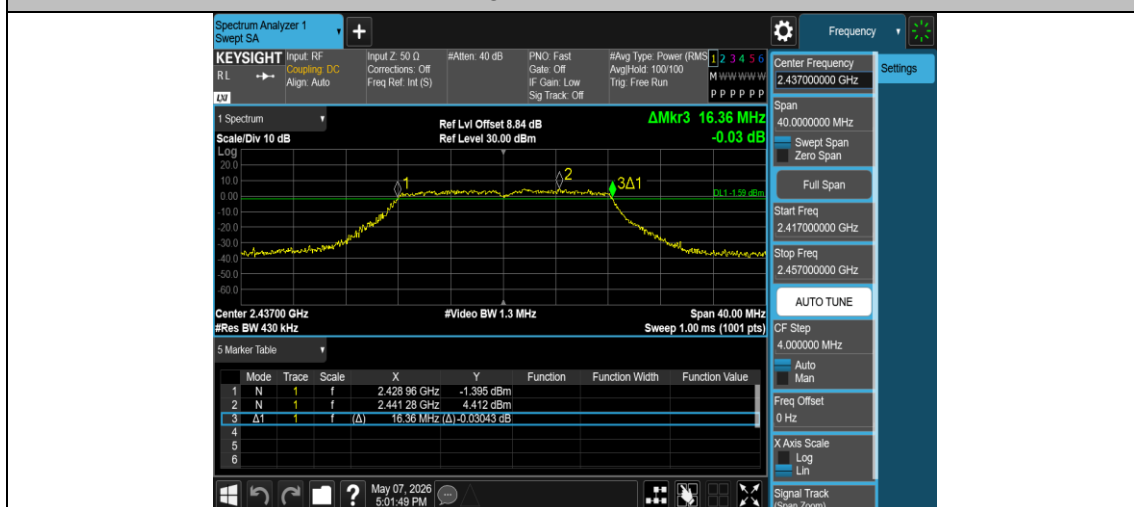
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.120	2407.080	2417.200	0.5	PASS
11B	Ant1	2437	10.160	2432.040	2442.200	0.5	PASS
11B	Ant1	2462	10.120	2457.040	2467.160	0.5	PASS
11G	Ant1	2412	16.320	2404.000	2420.320	0.5	PASS
11G	Ant1	2437	16.360	2428.960	2445.320	0.5	PASS
11G	Ant1	2462	16.440	2453.920	2470.360	0.5	PASS
11N20SISO	Ant1	2412	17.480	2403.440	2420.920	0.5	PASS
11N20SISO	Ant1	2437	17.560	2428.320	2445.880	0.5	PASS
11N20SISO	Ant1	2462	17.560	2453.360	2470.920	0.5	PASS
11N40SISO	Ant1	2422	35.920	2404.240	2440.160	0.5	PASS
11N40SISO	Ant1	2437	36.000	2419.160	2455.160	0.5	PASS
11N40SISO	Ant1	2452	35.840	2434.240	2470.080	0.5	PASS

Test Graphs




11G-Ant1-2412-PASS

11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



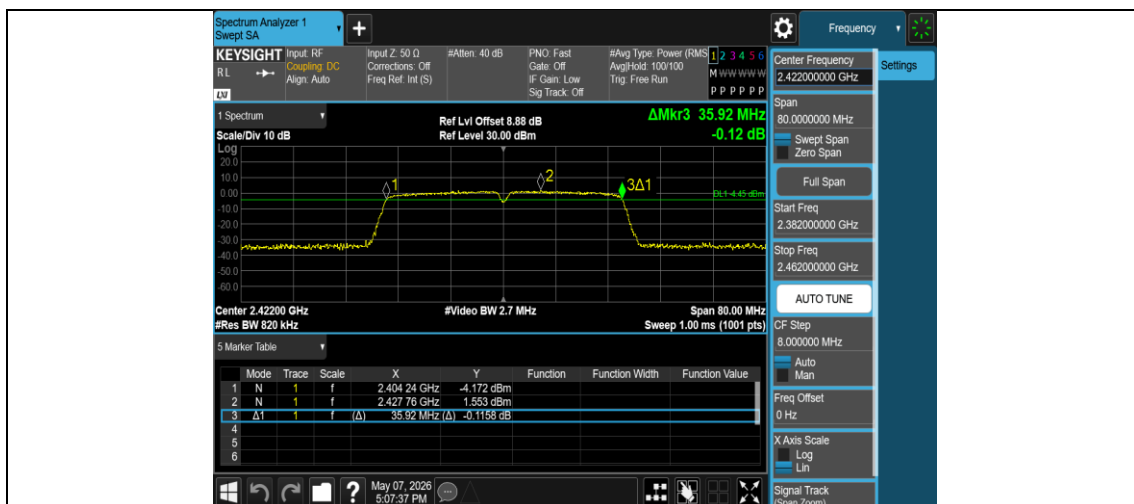
11N20SISO-Ant1-2412-PASS



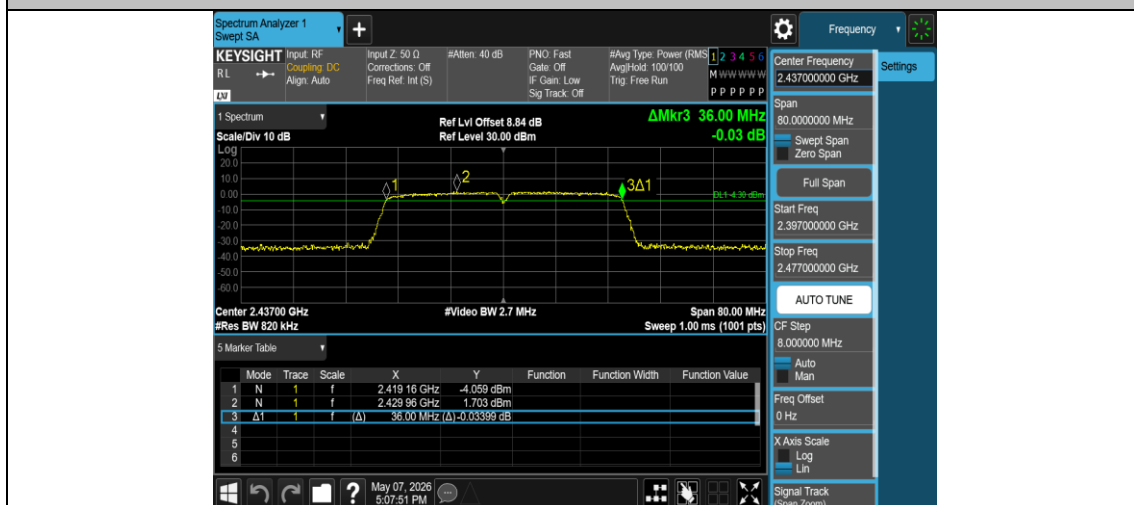
11N20SISO-Ant1-2437-PASS



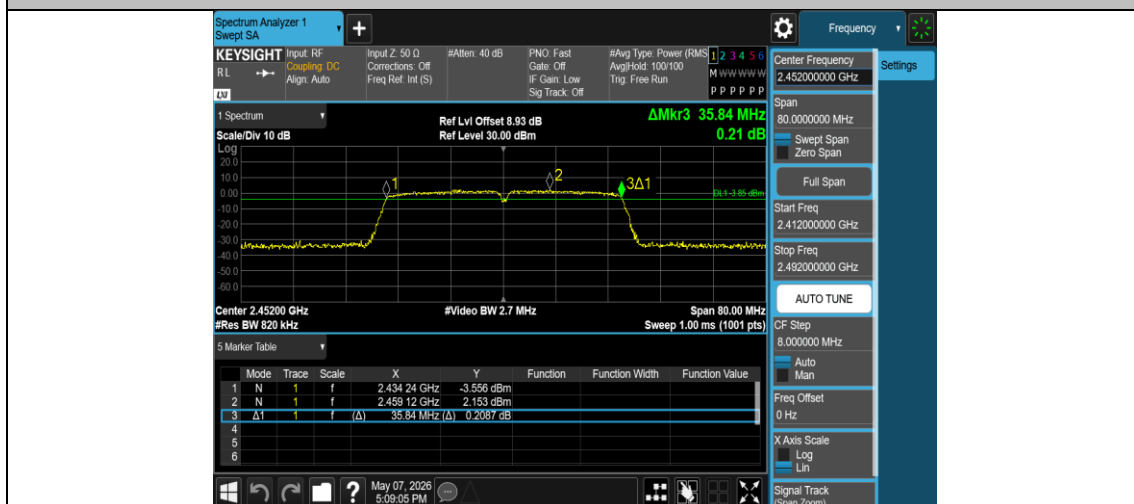
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

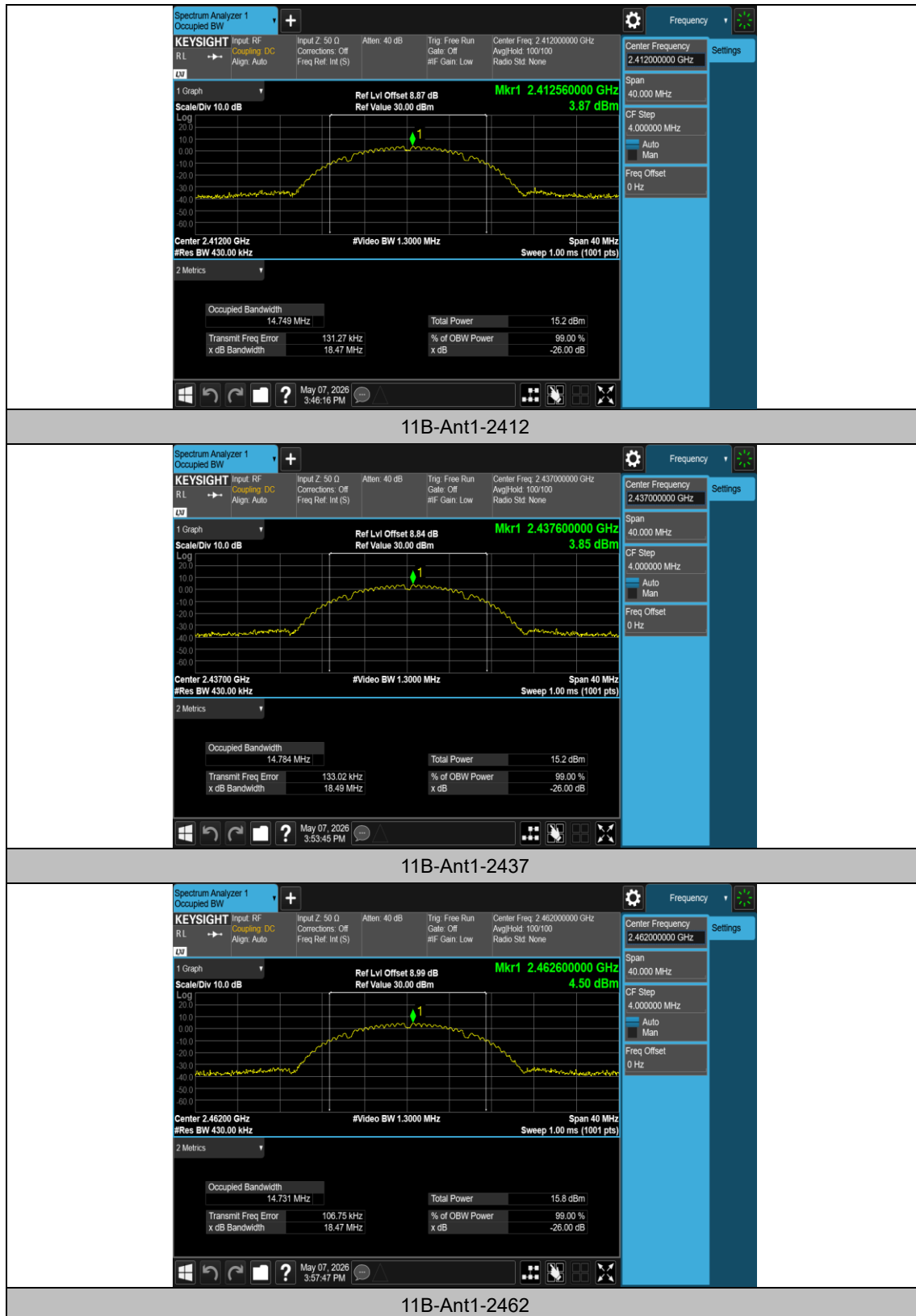
Appendix B: Occupied Channel Bandwidth

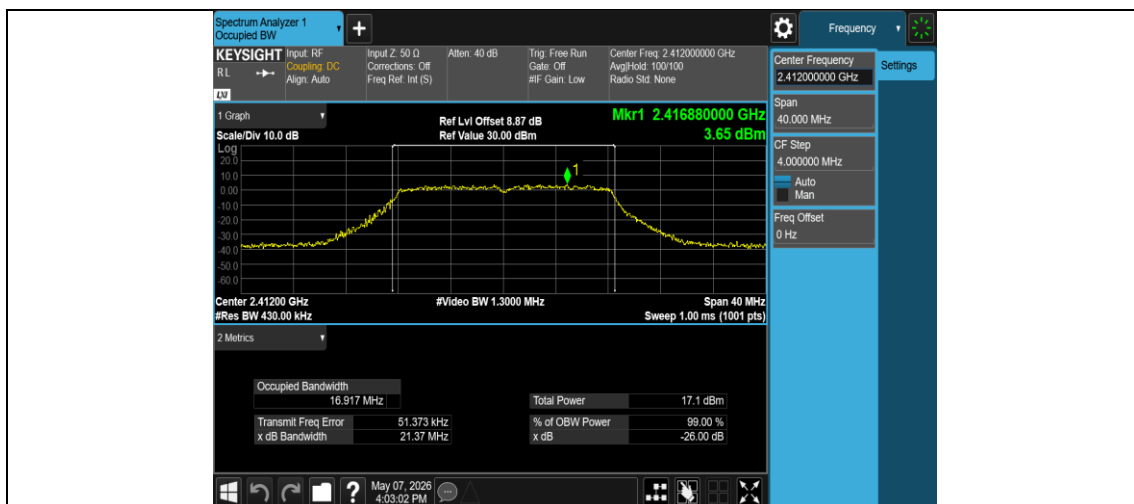
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.749	2404.7568	2419.5058	---	---
11B	Ant1	2437	14.784	2429.7410	2444.5250	---	---
11B	Ant1	2462	14.731	2454.7413	2469.4723	---	---
11G	Ant1	2412	16.917	2403.5929	2420.5099	---	---
11G	Ant1	2437	16.913	2428.5965	2445.5095	---	---
11G	Ant1	2462	16.911	2453.5933	2470.5043	---	---
11N20SISO	Ant1	2412	17.938	2403.1624	2421.1004	---	---
11N20SISO	Ant1	2437	17.941	2428.1251	2446.0661	---	---
11N20SISO	Ant1	2462	17.934	2453.1355	2471.0695	---	---
11N40SISO	Ant1	2422	35.829	2404.2621	2440.0911	---	---
11N40SISO	Ant1	2437	35.885	2419.2374	2455.1224	---	---
11N40SISO	Ant1	2452	35.857	2434.2506	2470.1076	---	---

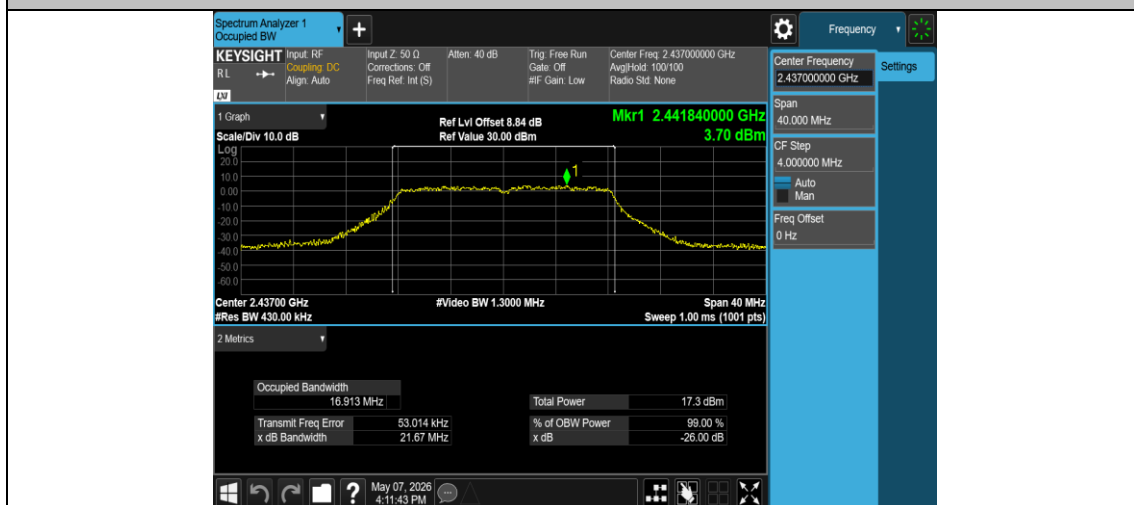
Test Graphs

Test Graphs





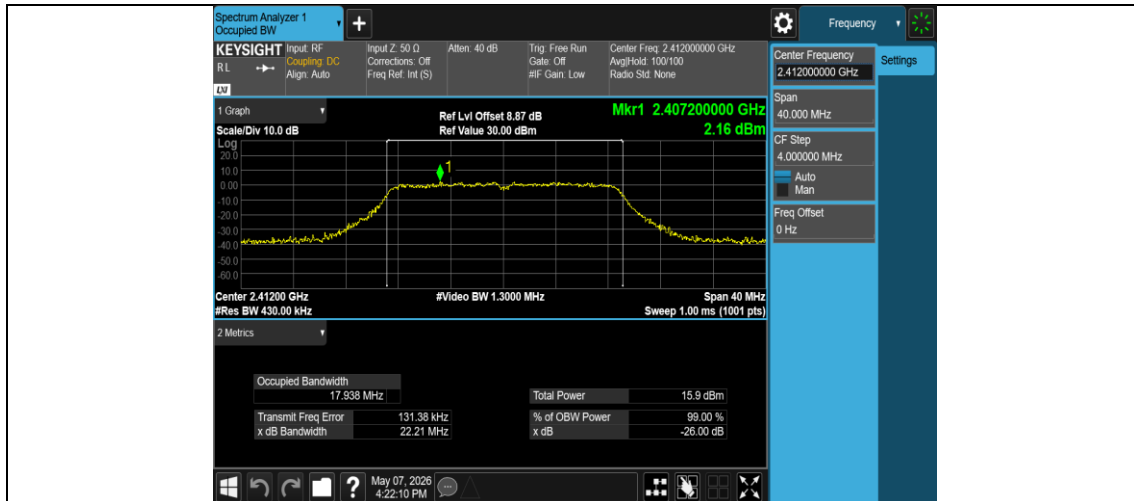
11G-Ant1-2412



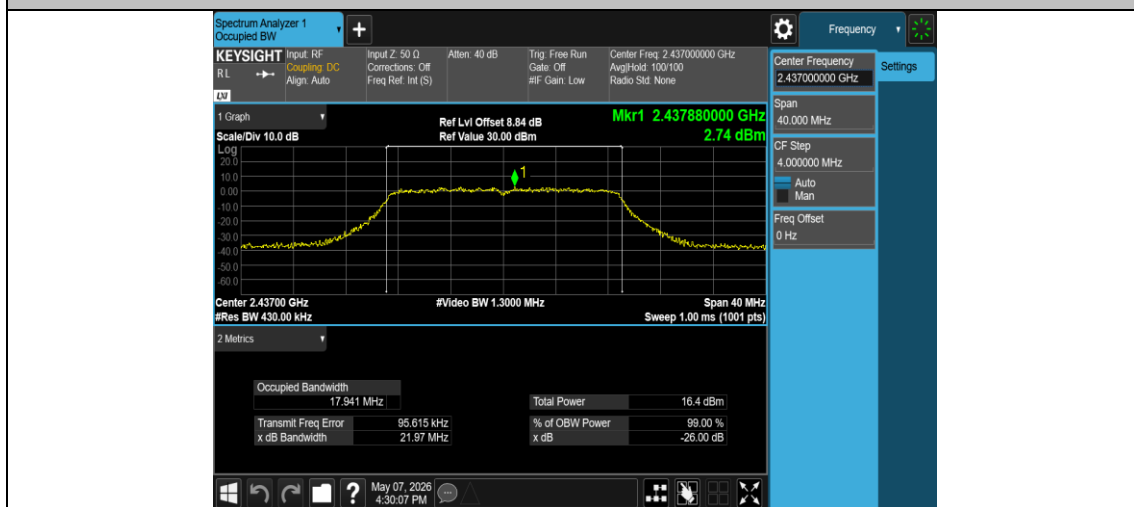
11G-Ant1-2437



11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



Appendix C: Maximum conducted output power

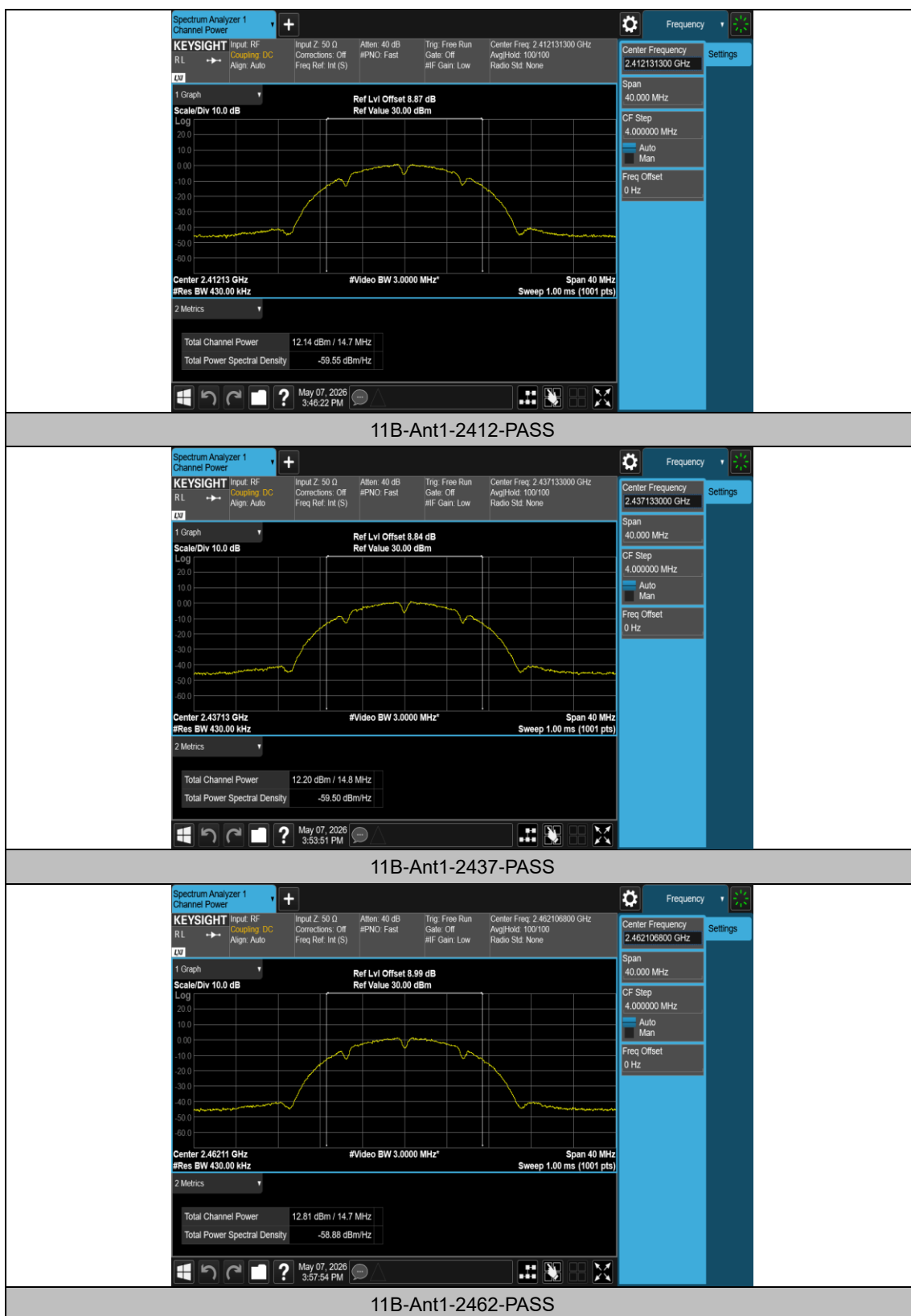
Test Result Average

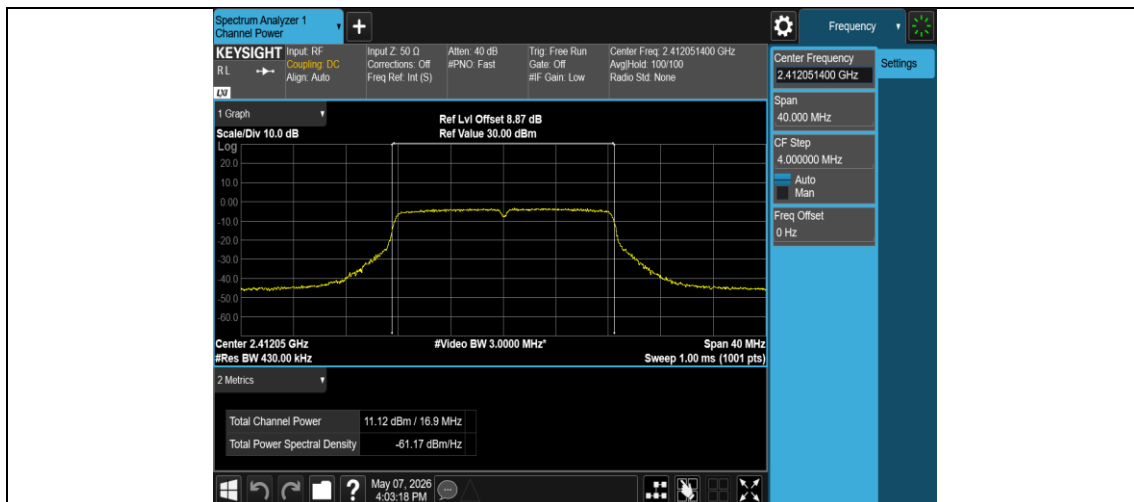
Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	12.14	100.00	0.00	12.14	≤30.00	4.3	16.44	≤36.00	PASS
11B	Ant1	2437	12.20	100.00	0.00	12.20	≤30.00	4.3	16.5	≤36.00	PASS
11B	Ant1	2462	12.81	100.00	0.00	12.81	≤30.00	4.3	17.11	≤36.00	PASS
11G	Ant1	2412	11.12	100.00	0.00	11.12	≤30.00	4.3	15.42	≤36.00	PASS
11G	Ant1	2437	11.24	100.00	0.00	11.24	≤30.00	4.3	15.54	≤36.00	PASS
11G	Ant1	2462	12.10	100.00	0.00	12.10	≤30.00	4.3	16.4	≤36.00	PASS
11N20SISO	Ant1	2412	9.68	100.00	0.00	9.68	≤30.00	4.3	13.98	≤36.00	PASS
11N20SISO	Ant1	2437	10.24	100.00	0.00	10.24	≤30.00	4.3	14.54	≤36.00	PASS
11N20SISO	Ant1	2462	10.83	100.00	0.00	10.83	≤30.00	4.3	15.13	≤36.00	PASS
11N40SISO	Ant1	2422	8.89	100.00	0.00	8.89	≤30.00	4.3	13.19	≤36.00	PASS
11N40SISO	Ant1	2437	8.88	100.00	0.00	8.88	≤30.00	4.3	13.18	≤36.00	PASS
11N40SISO	Ant1	2452	9.01	100.00	0.00	9.01	≤30.00	4.3	13.31	≤36.00	PASS

EIRP[dBm]= Average power+ Antenna gain

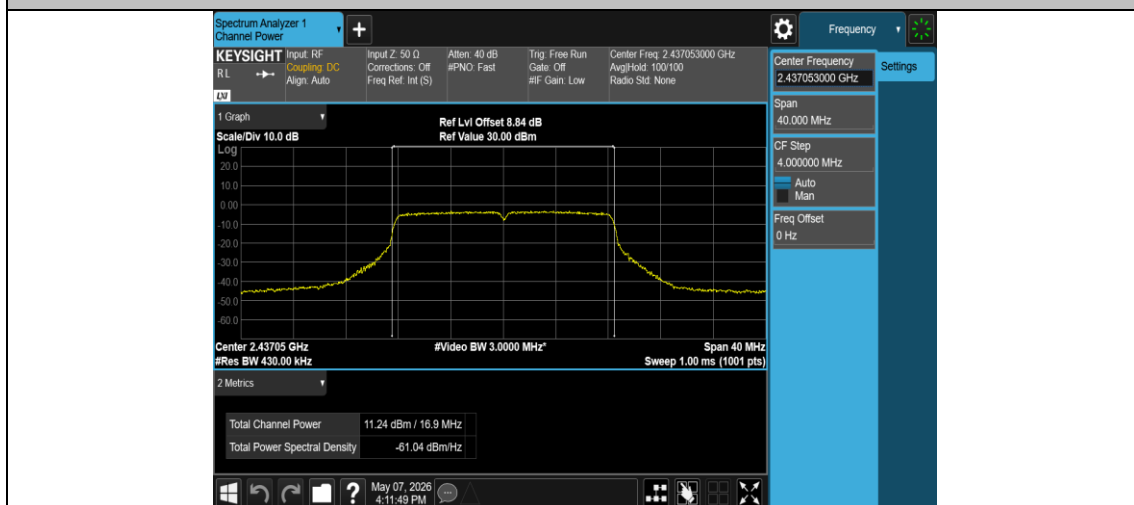
Antenna gain:4.3dBi

Test Graphs AVG

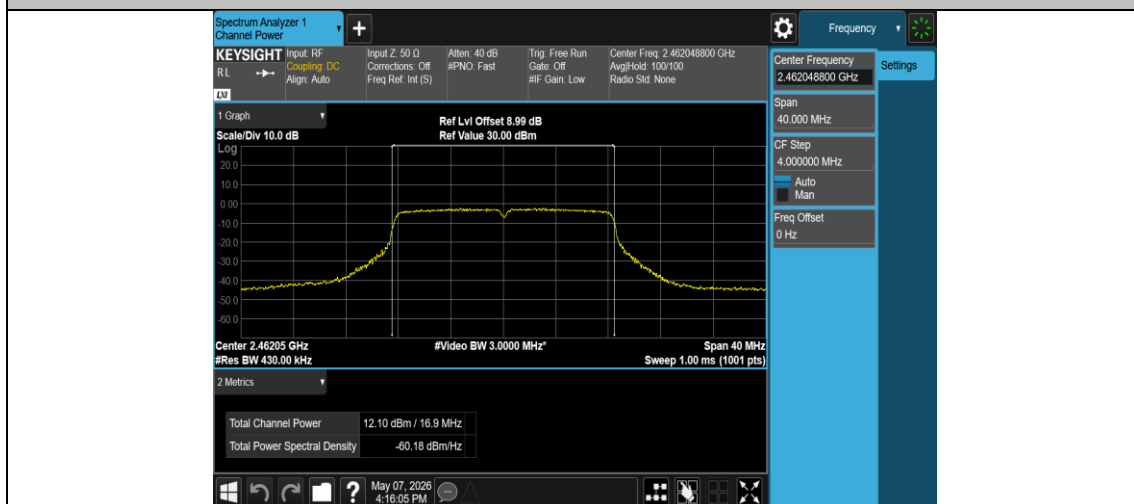




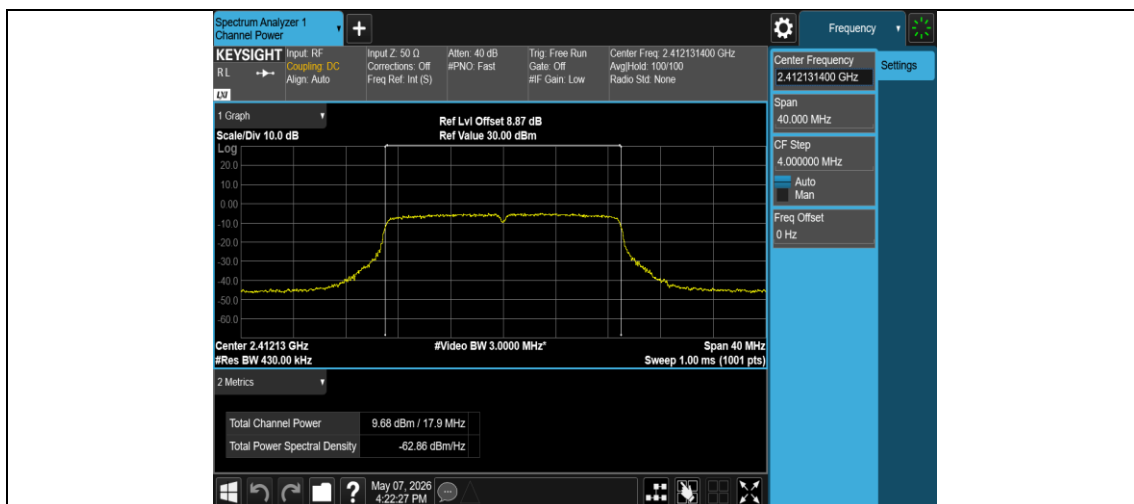
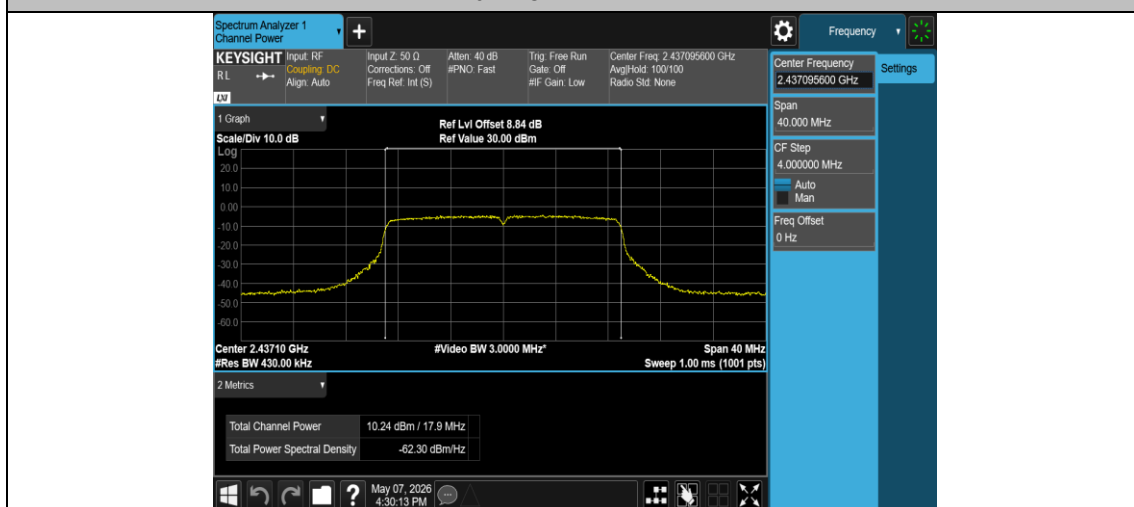
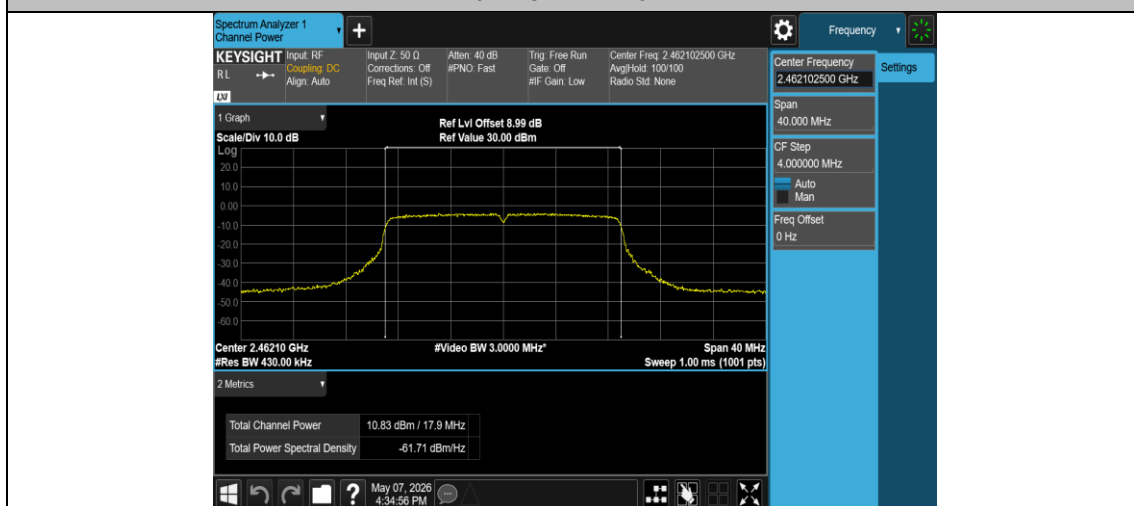
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS


11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS

11N20SISO-Ant1-2462-PASS

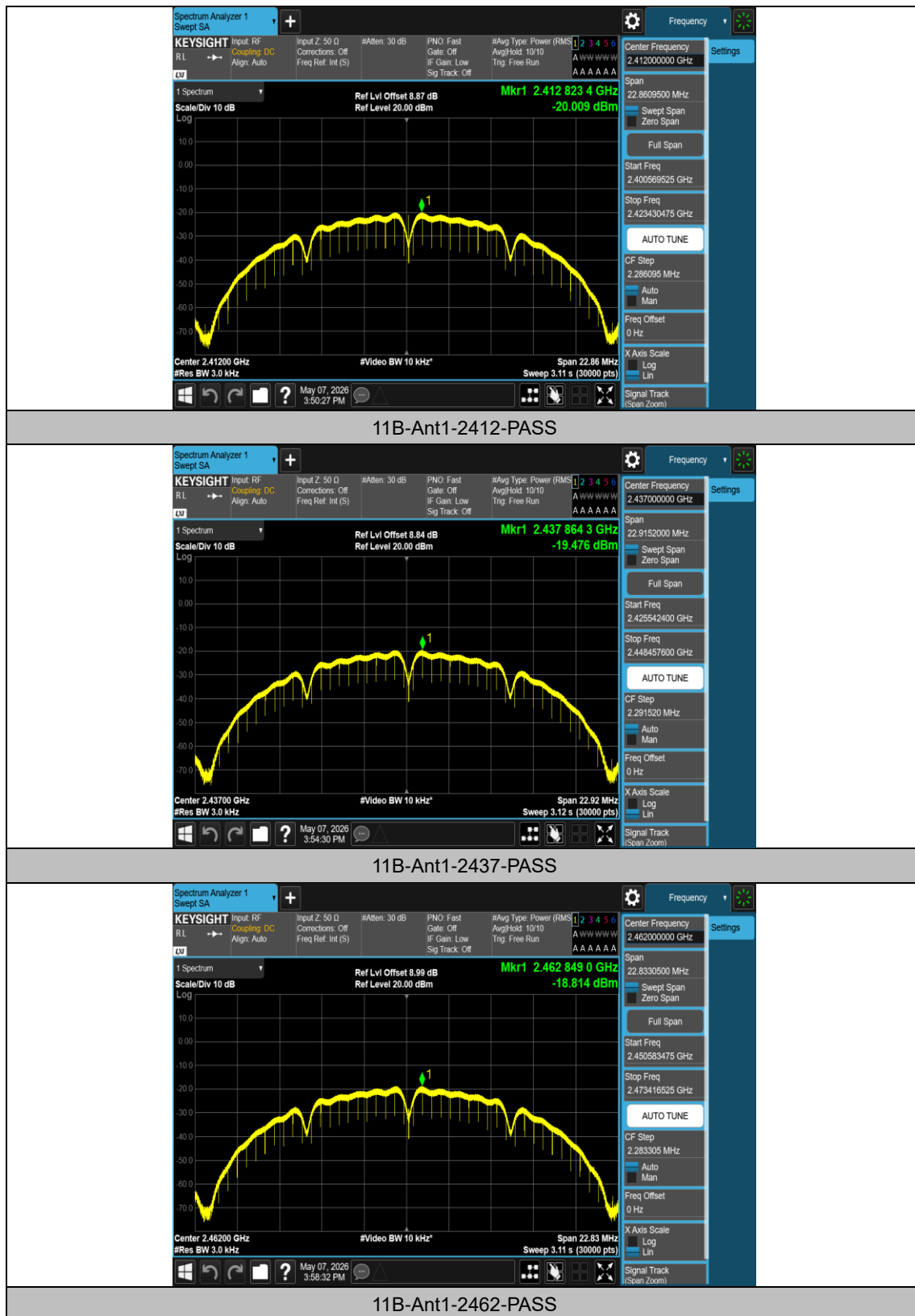


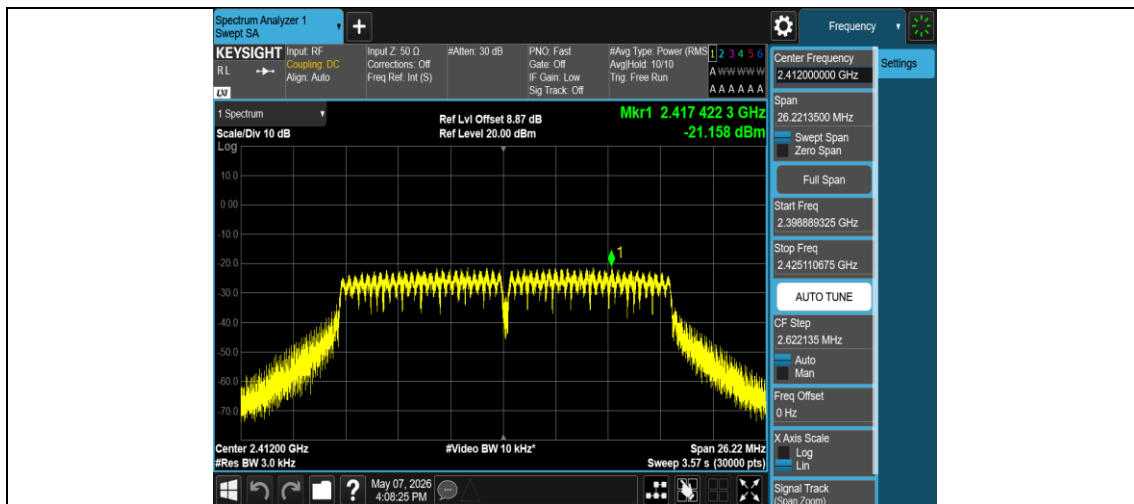
Appendix D: Maximum power spectral density

Test Result

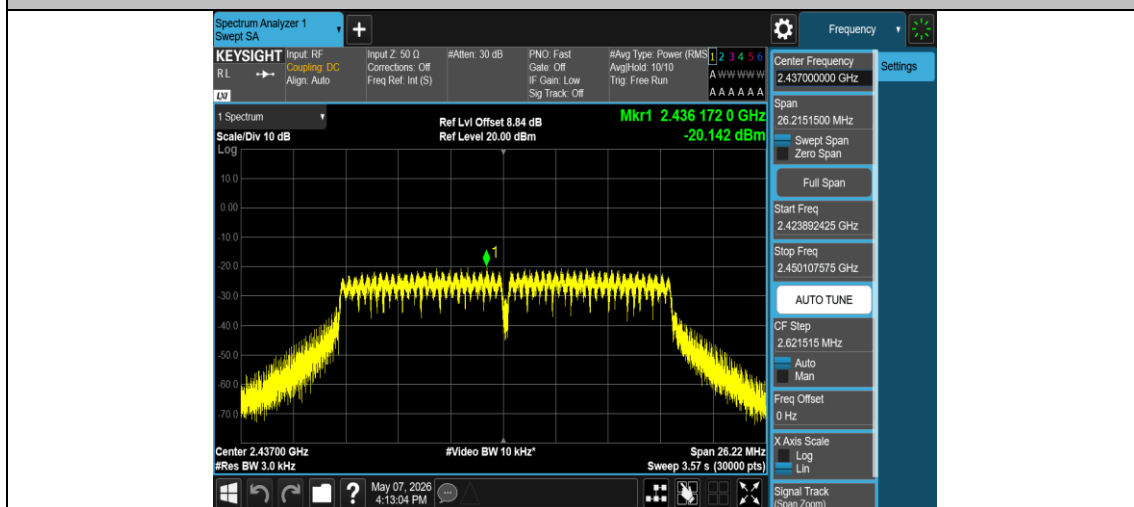
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-20.01	≤8.00	PASS
11B	Ant1	2437	-19.48	≤8.00	PASS
11B	Ant1	2462	-18.81	≤8.00	PASS
11G	Ant1	2412	-21.16	≤8.00	PASS
11G	Ant1	2437	-20.14	≤8.00	PASS
11G	Ant1	2462	-20.23	≤8.00	PASS
11N20SISO	Ant1	2412	-22.93	≤8.00	PASS
11N20SISO	Ant1	2437	-22.49	≤8.00	PASS
11N20SISO	Ant1	2462	-21.74	≤8.00	PASS
11N40SISO	Ant1	2422	-25.79	≤8.00	PASS
11N40SISO	Ant1	2437	-25.19	≤8.00	PASS
11N40SISO	Ant1	2452	-25.21	≤8.00	PASS

Test Graphs

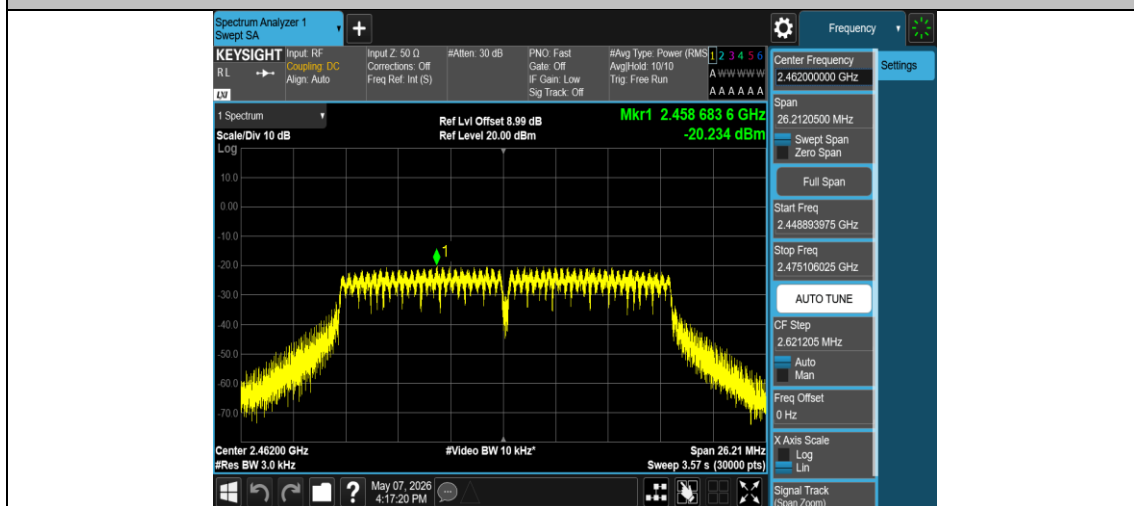




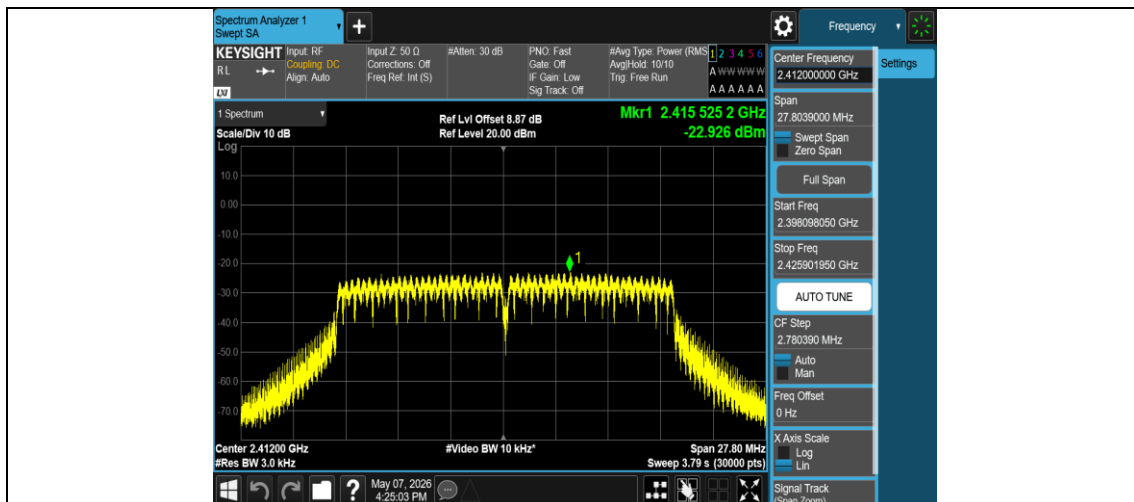
11G-Ant1-2412-PASS



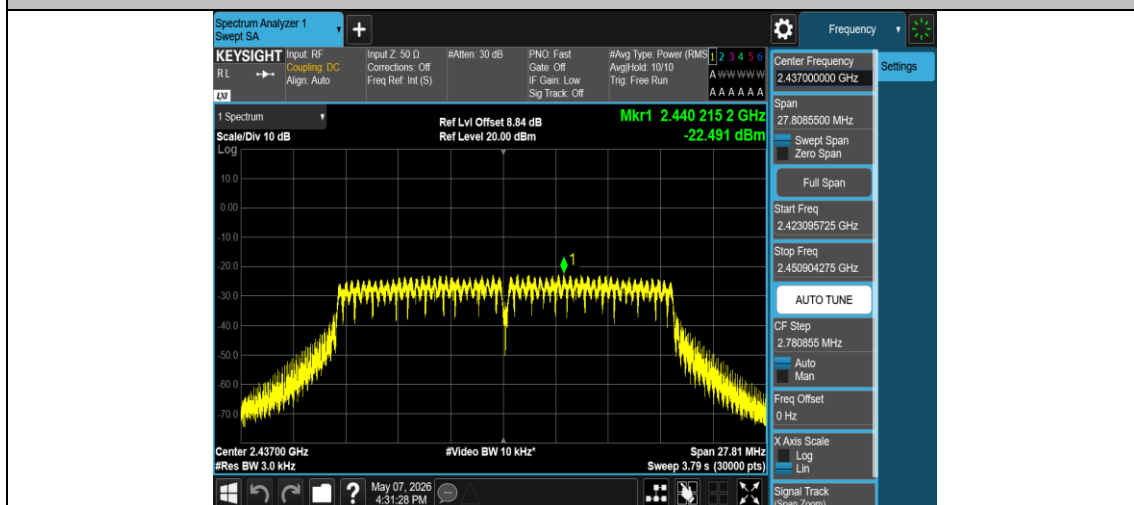
11G-Ant1-2437-PASS



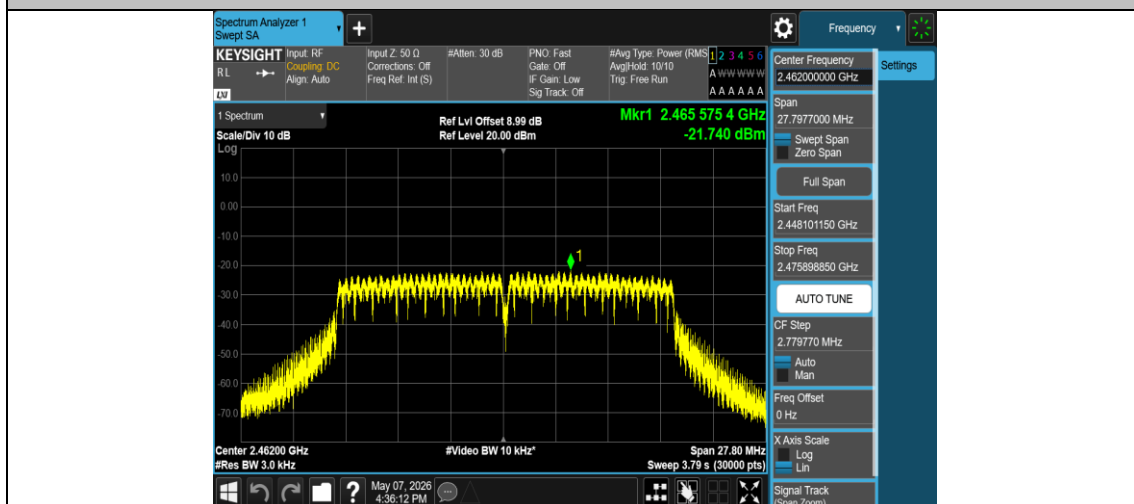
11G-Ant1-2462-PASS



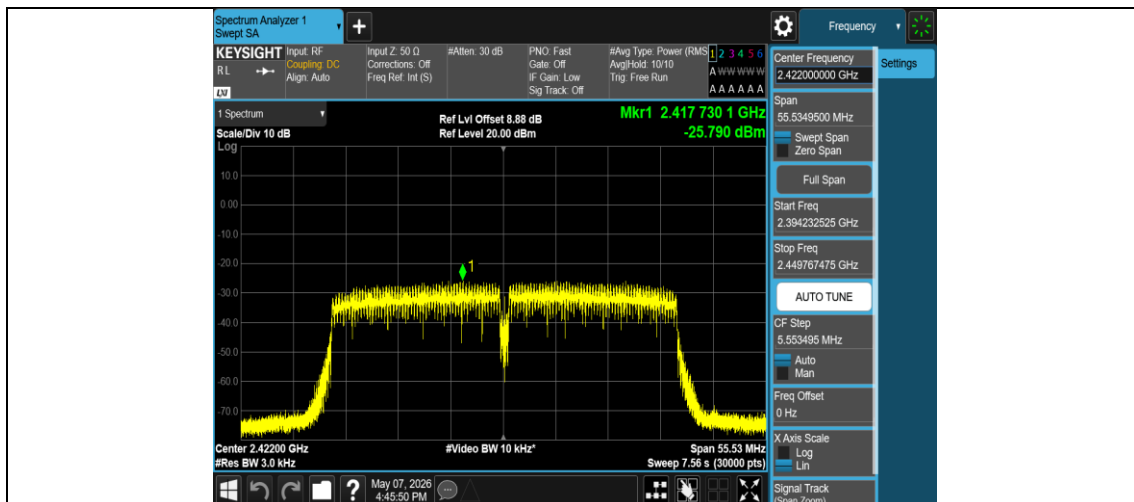
11N20SISO-Ant1-2412-PASS



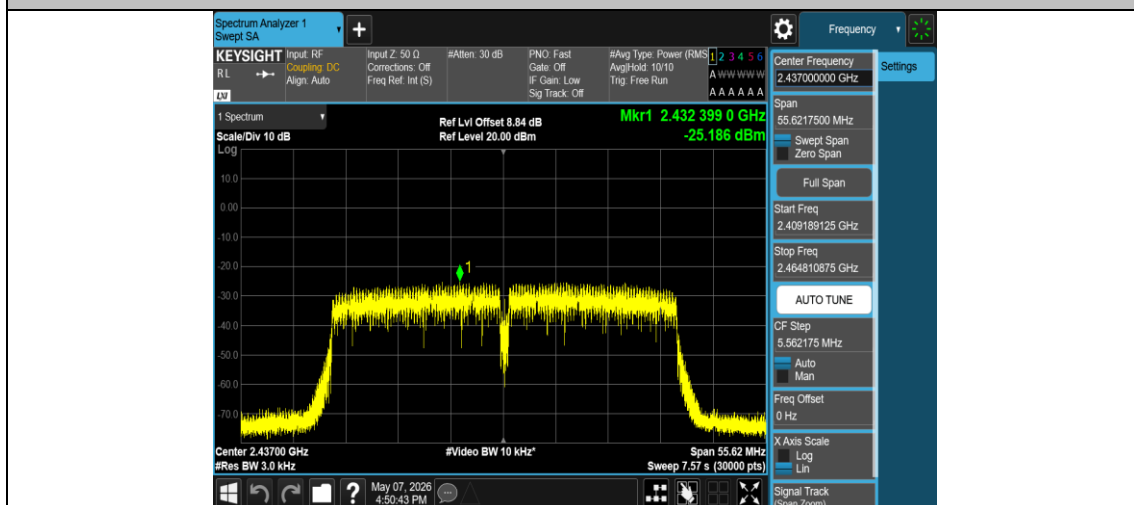
11N20SISO-Ant1-2437-PASS



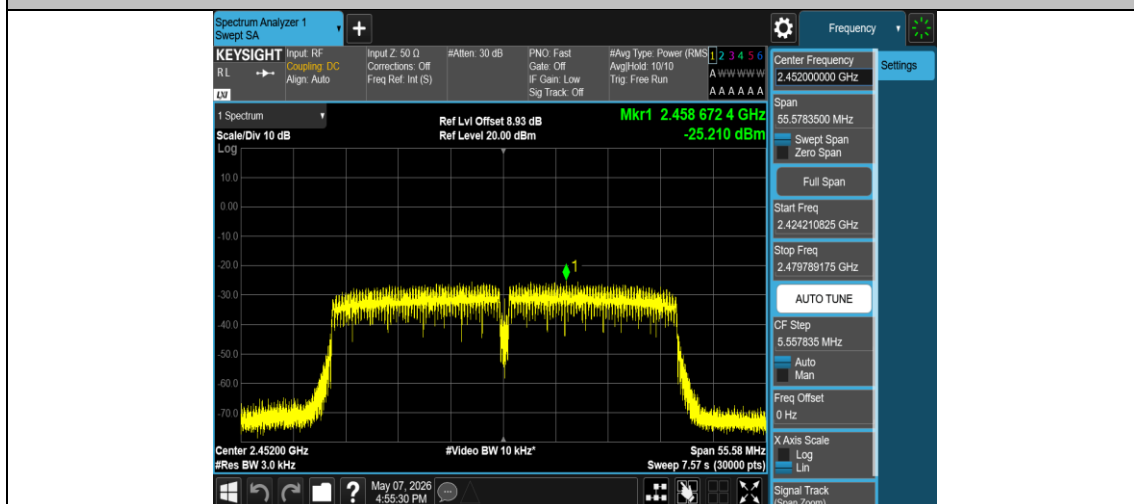
11N20SISO-Ant1-2462-PASS



11N40ISO-Ant1-2422-PASS



11N40ISO-Ant1-2432-PASS



11N40ISO-Ant1-2452-PASS

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.05	-42.51	≤-27.95	PASS
11B	Ant1	High	2462	3.14	-48.44	≤-26.86	PASS
11G	Ant1	Low	2412	-3.11	-39.01	≤-33.11	PASS
11G	Ant1	High	2462	-2.12	-49.06	≤-32.12	PASS
11N20SISO	Ant1	Low	2412	-4.81	-40.74	≤-34.81	PASS
11N20SISO	Ant1	High	2462	-2.83	-48.2	≤-32.83	PASS
11N40SISO	Ant1	Low	2422	-8.04	-49.28	≤-38.04	PASS
11N40SISO	Ant1	High	2452	-7.92	-48	≤-37.92	PASS