

Case No. : <u>GTS20260420003-1-01</u>	
Ambient Condition: <u>25</u> °C, <u>53</u> %RH,	
Test Date: <u>2026.4.22</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.200	2406.920	2417.120	0.5	PASS
		2437	10.160	2431.920	2442.080	0.5	PASS
		2462	10.160	2456.920	2467.080	0.5	PASS
11G	Ant1	2412	16.040	2404.040	2420.080	0.5	PASS
		2437	16.120	2428.920	2445.040	0.5	PASS
		2462	16.080	2453.920	2470.000	0.5	PASS
11N20SISO	Ant1	2412	17.240	2403.440	2420.680	0.5	PASS
		2437	17.160	2428.440	2445.600	0.5	PASS
		2462	17.200	2453.400	2470.600	0.5	PASS
11N40SISO	Ant1	2422	35.760	2404.160	2439.920	0.5	PASS
		2437	36.080	2419.000	2455.080	0.5	PASS
		2452	35.840	2434.160	2470.000	0.5	PASS

Test Graphs

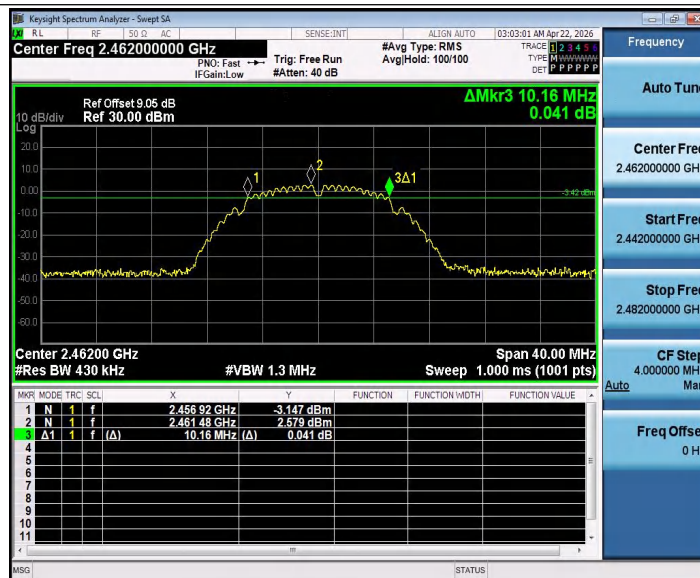
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

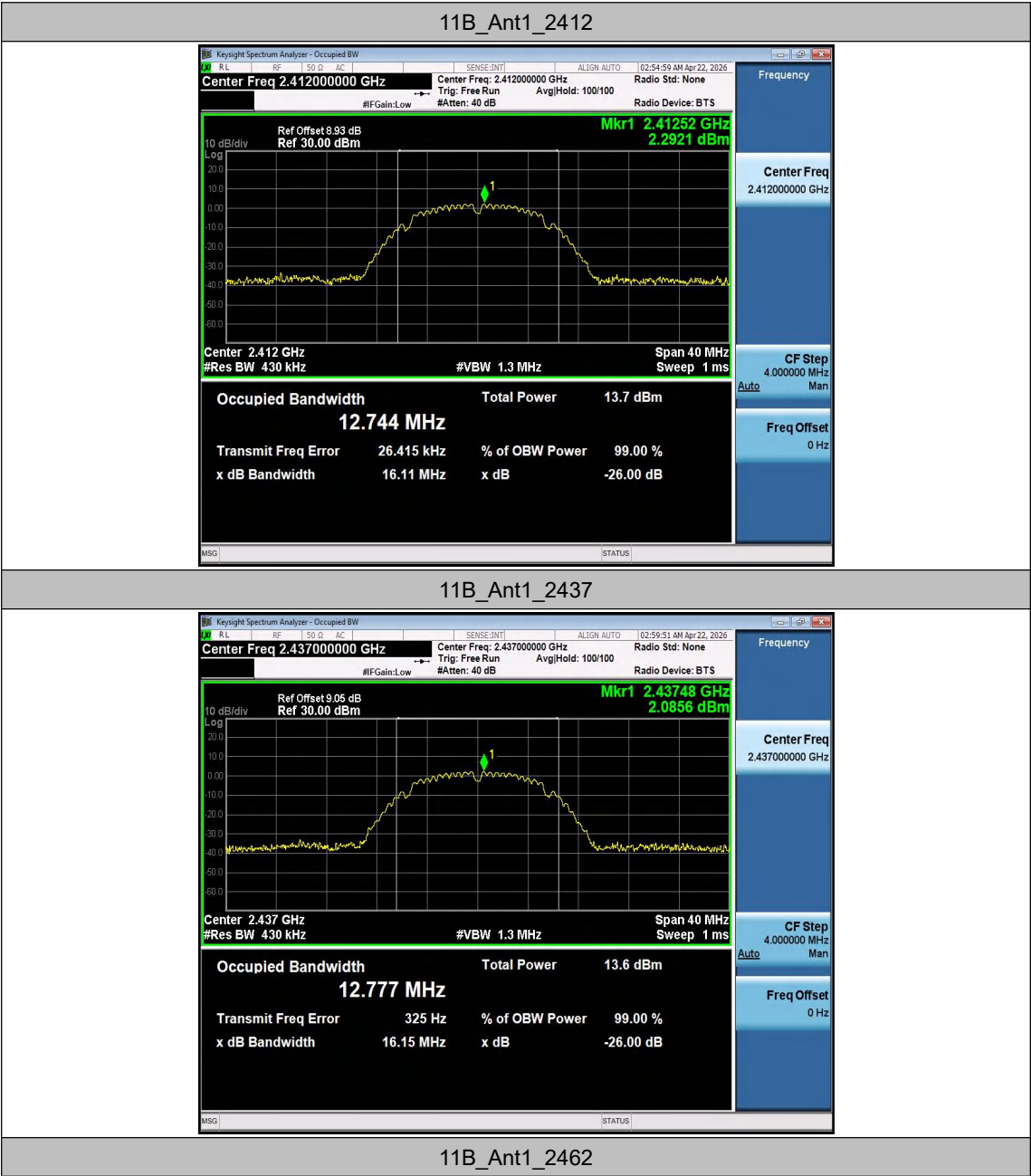


Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.744	2405.6544	2418.3984	---	---
		2437	12.777	2430.6118	2443.3888	---	---
		2462	12.794	2455.6128	2468.4068	---	---
11G	Ant1	2412	16.810	2403.6140	2420.4240	---	---
		2437	16.800	2428.5729	2445.3729	---	---
		2462	16.788	2453.5988	2470.3868	---	---
11N20SISO	Ant1	2412	17.895	2403.0835	2420.9785	---	---
		2437	17.963	2428.0256	2445.9886	---	---
		2462	17.909	2453.0827	2470.9917	---	---
11N40SISO	Ant1	2422	36.177	2403.9641	2440.1411	---	---
		2437	36.131	2418.9599	2455.0909	---	---
		2452	36.204	2433.9010	2470.1050	---	---

Test Graphs

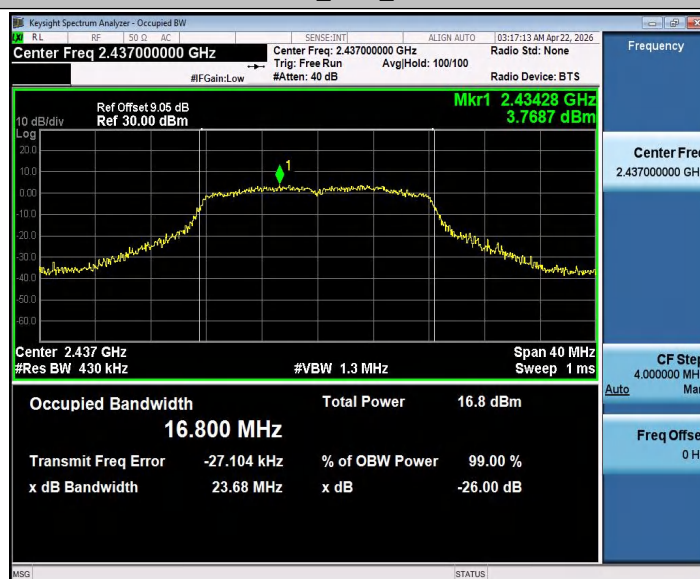




11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



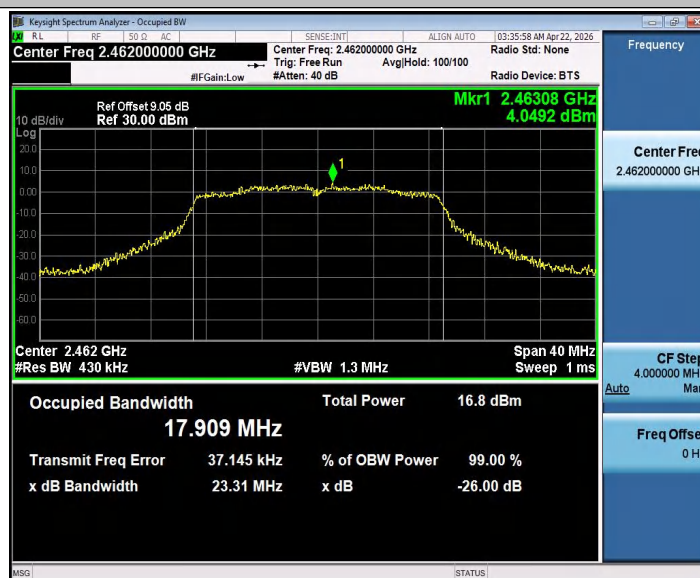
11N20SISO_Ant1_2412



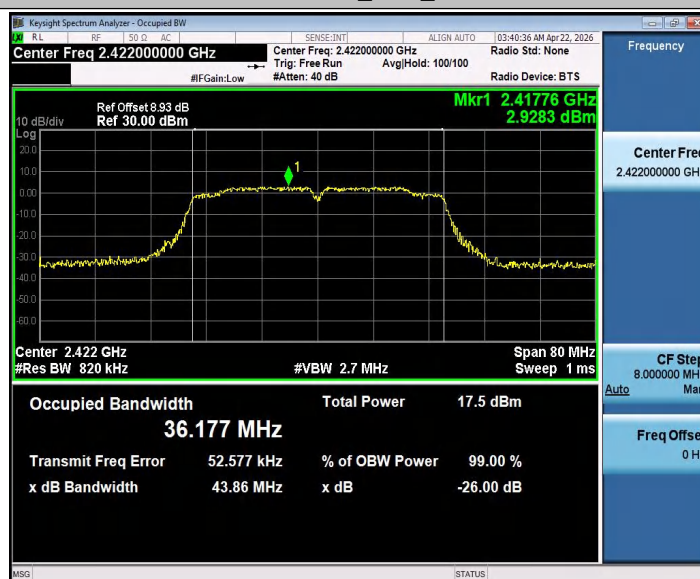
11N20SISO_Ant1_2437

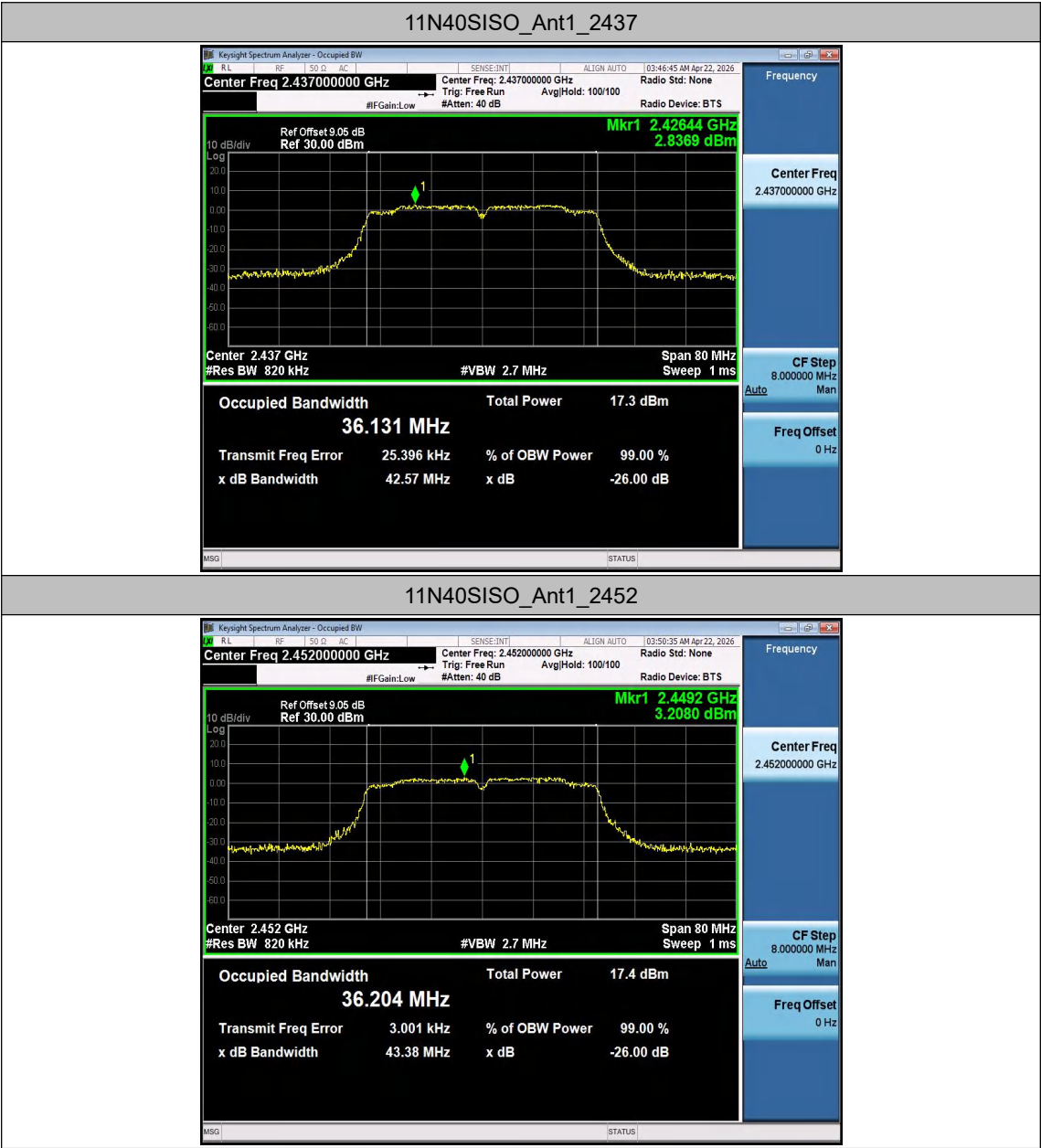


11N20SISO_Ant1_2462



11N40SISO_Ant1_2422





Appendix A.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.68	≤30.00	PASS
		2437	13.59	≤30.00	PASS
		2462	14.06	≤30.00	PASS
11G	Ant1	2412	17.85	≤30.00	PASS
		2437	17.88	≤30.00	PASS
		2462	18.43	≤30.00	PASS
11N20SISO	Ant1	2412	17.84	≤30.00	PASS
		2437	17.47	≤30.00	PASS
		2462	17.96	≤30.00	PASS
11N40SISO	Ant1	2422	17.84	≤30.00	PASS
		2437	17.51	≤30.00	PASS
		2452	17.64	≤30.00	PASS

Appendix A.4: Maximum power spectral density

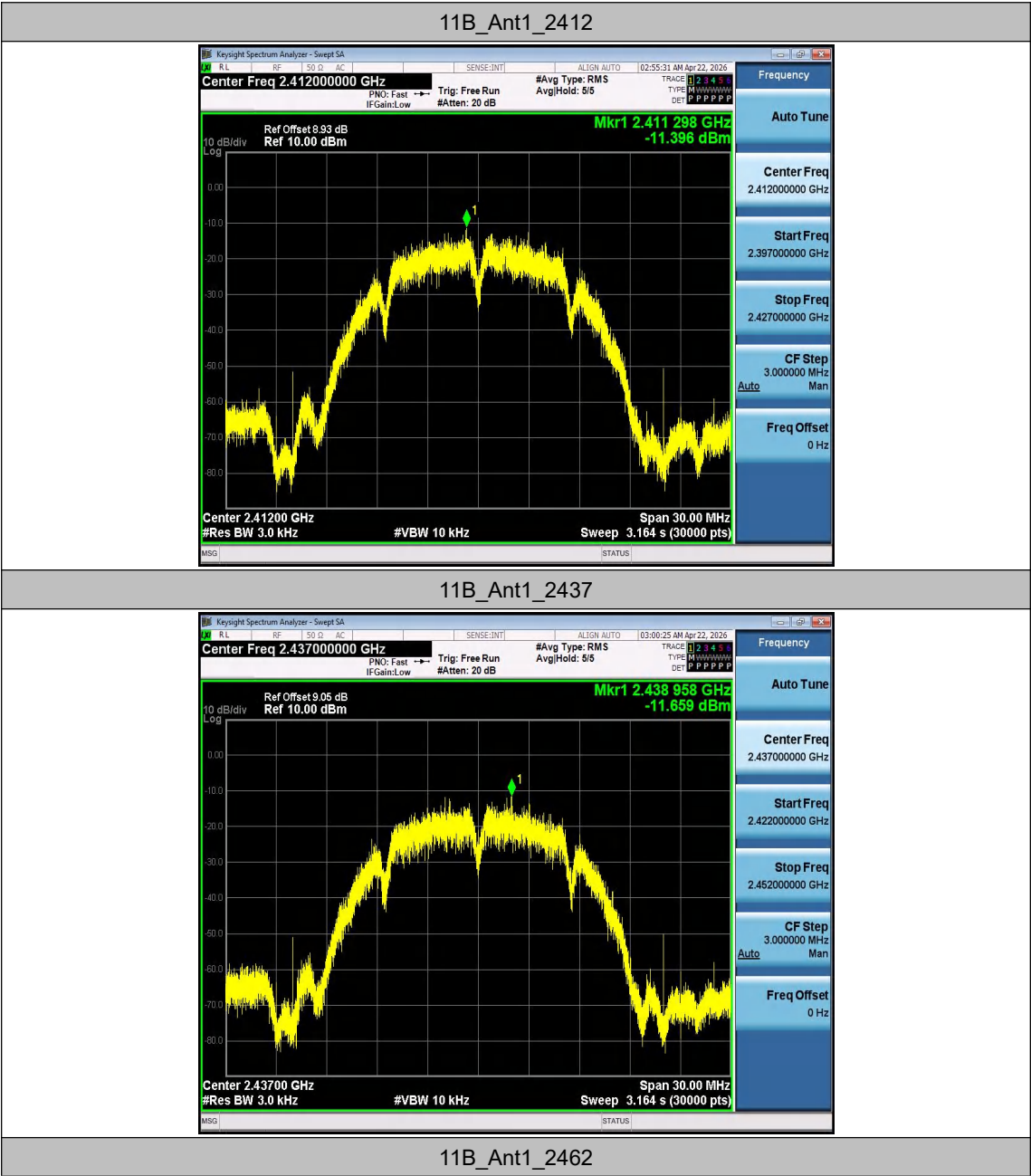
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.40	≤8.00	PASS
		2437	-11.66	≤8.00	PASS
		2462	-11.17	≤8.00	PASS
11G	Ant1	2412	-14.83	≤8.00	PASS
		2437	-13.79	≤8.00	PASS
		2462	-13.02	≤8.00	PASS
11N20SISO	Ant1	2412	-14.34	≤8.00	PASS
		2437	-15.01	≤8.00	PASS
		2462	-14.77	≤8.00	PASS
11N40SISO	Ant1	2422	-17.29	≤8.00	PASS
		2437	-18.03	≤8.00	PASS
		2452	-16.90	≤8.00	PASS

Note:

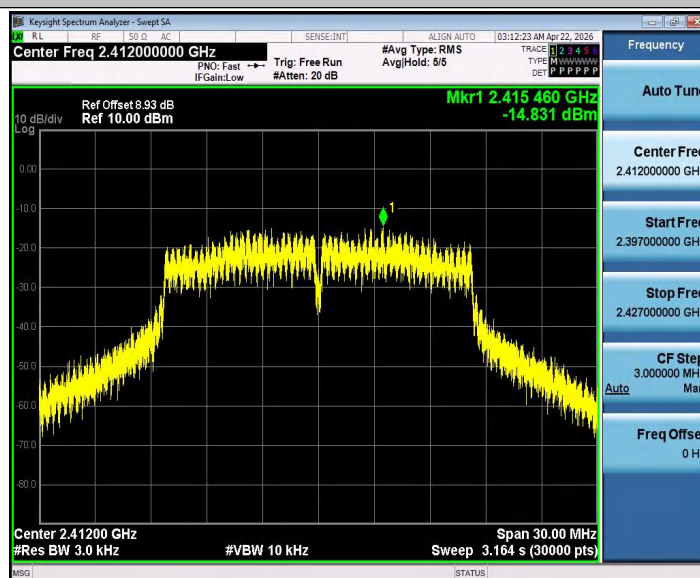
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

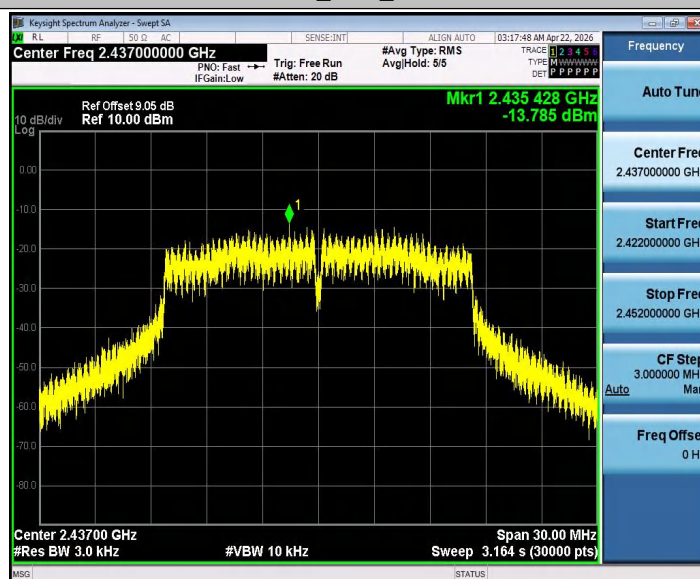




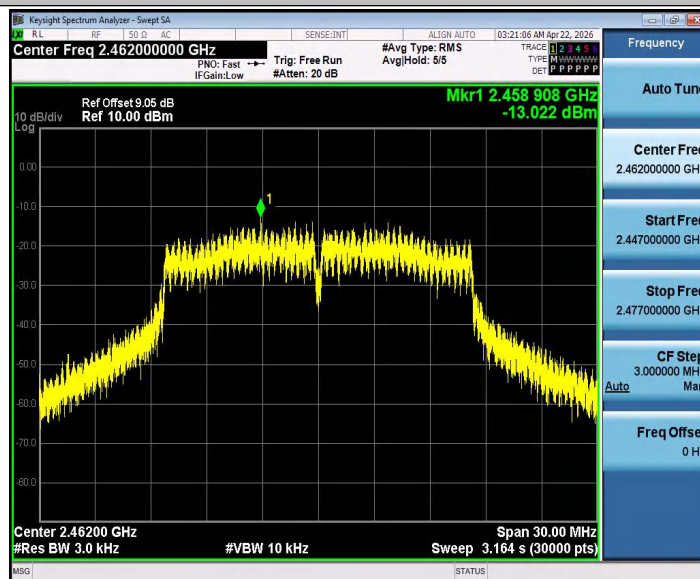
11G_Ant1_2412



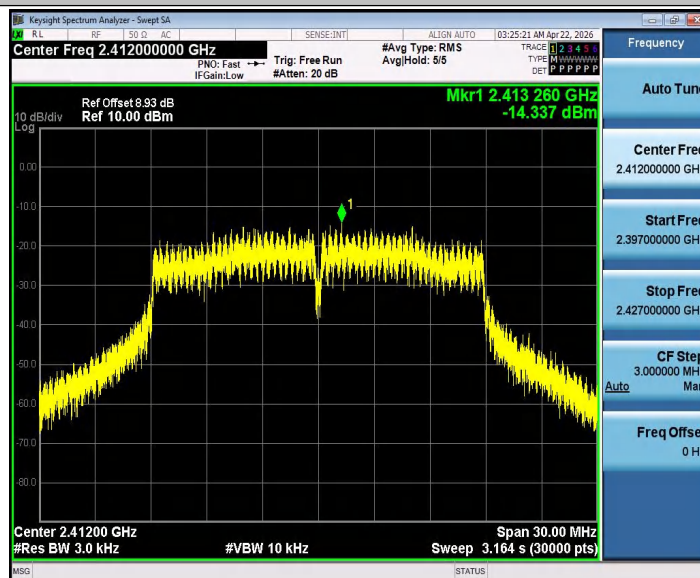
11G_Ant1_2437



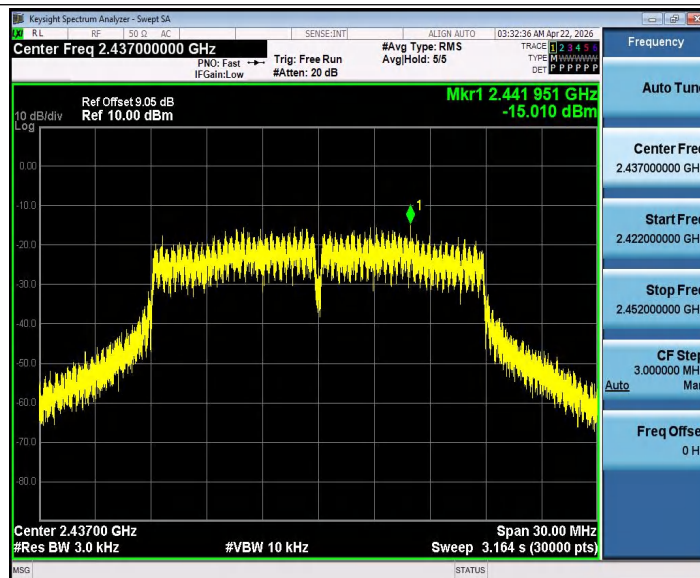
11G_Ant1_2462



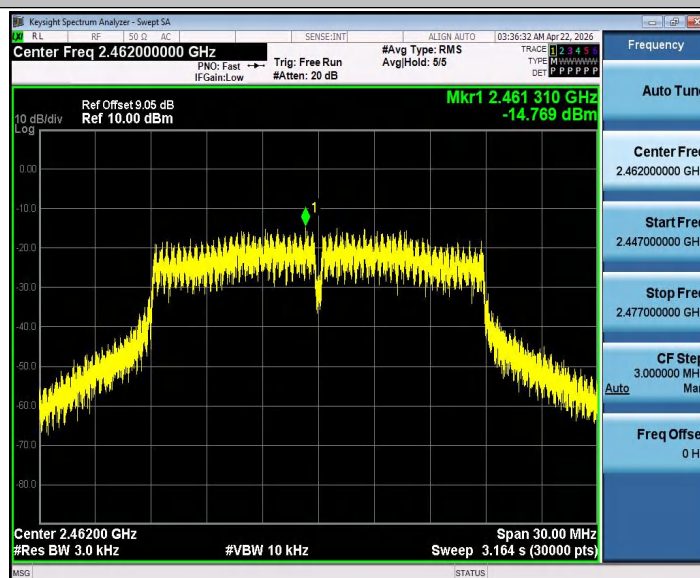
11N20SISO_Ant1_2412



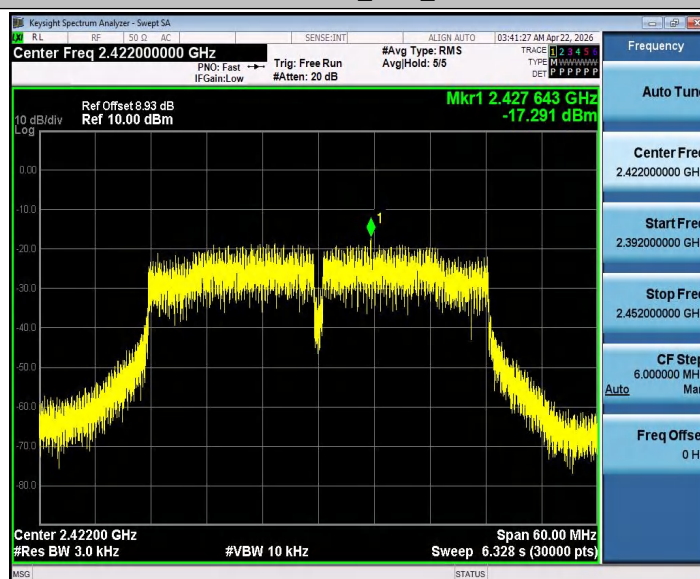
11N20SISO_Ant1_2437



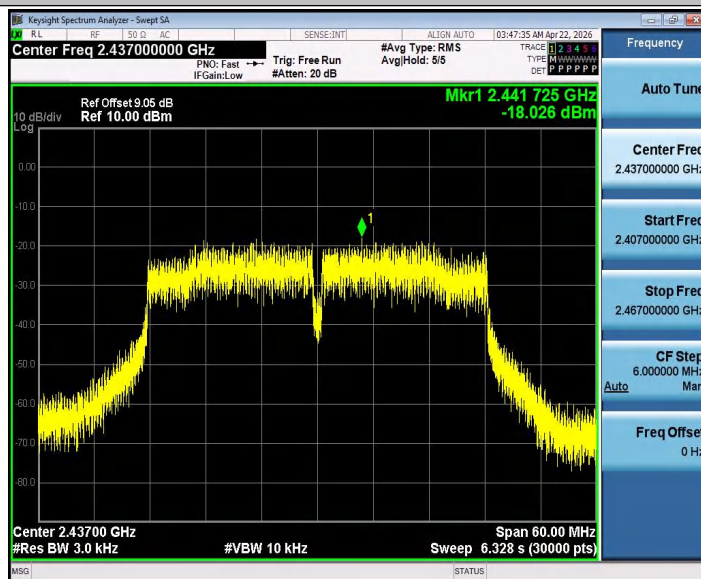
11N20SISO_Ant1_2462



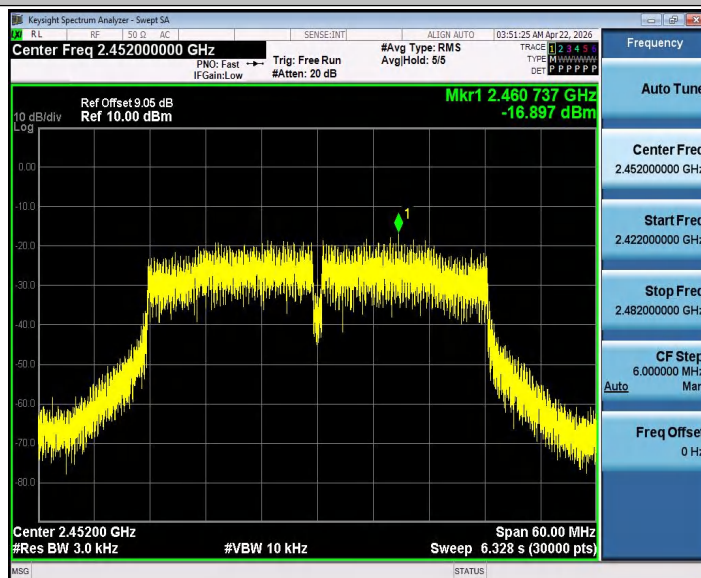
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

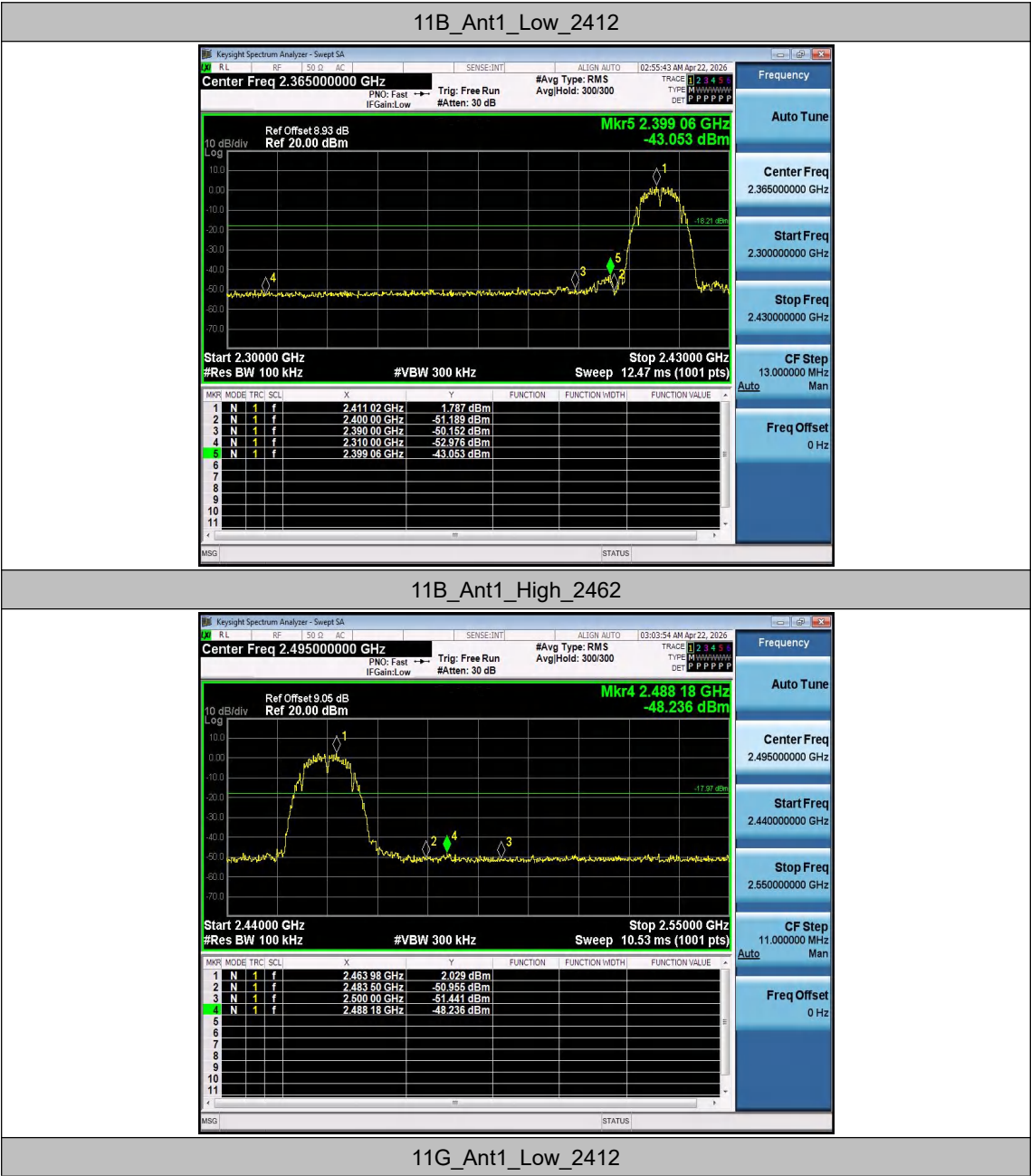


Appendix A.5: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.79	-43.05	≤-18.21	PASS
		High	2462	2.03	-48.24	≤-17.97	PASS
11G	Ant1	Low	2412	0.66	-30.98	≤-19.34	PASS
		High	2462	0.63	-47.45	≤-19.37	PASS
11N20SISO	Ant1	Low	2412	0.72	-30.35	≤-19.28	PASS
		High	2462	0.84	-47.07	≤-19.16	PASS
11N40SISO	Ant1	Low	2422	-2.63	-34.31	≤-22.63	PASS
		High	2452	-2.55	-41.25	≤-22.55	PASS

Test Graphs

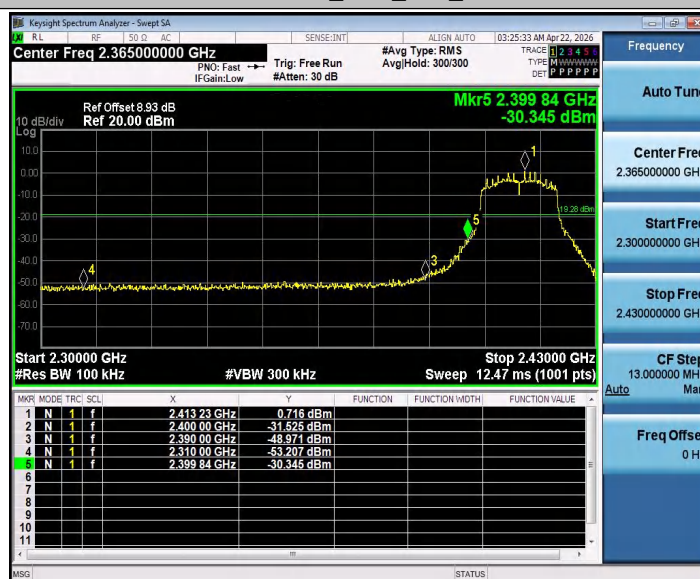




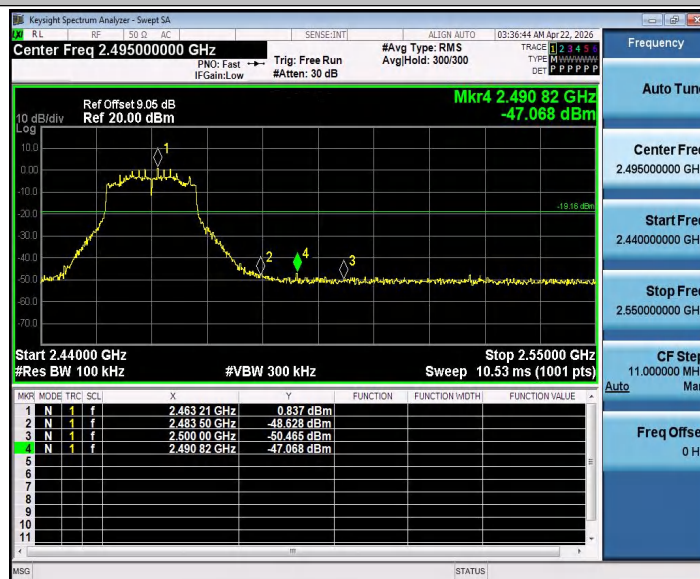
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



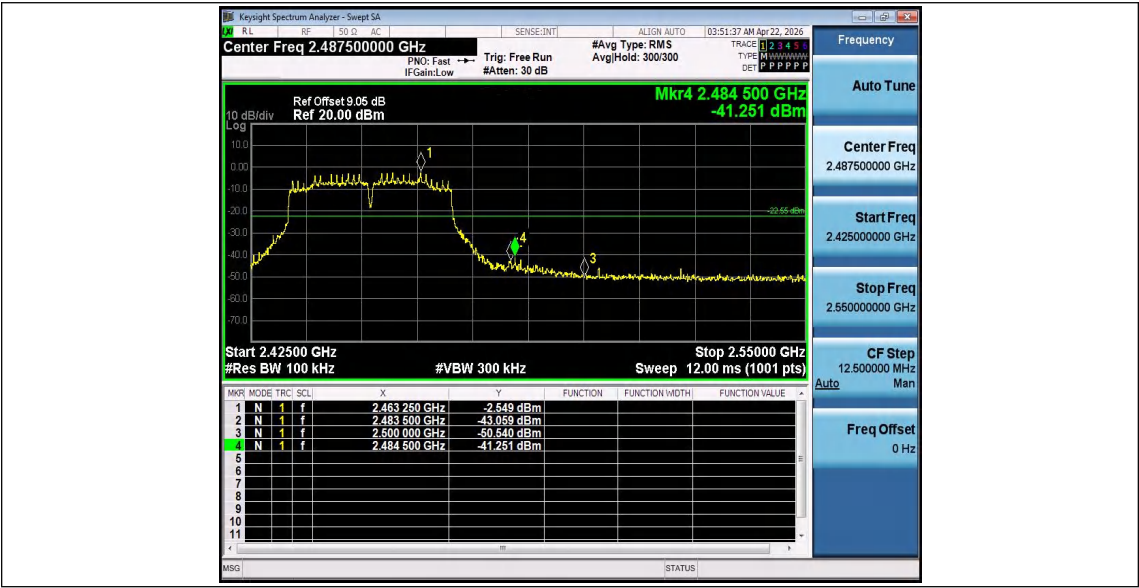
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

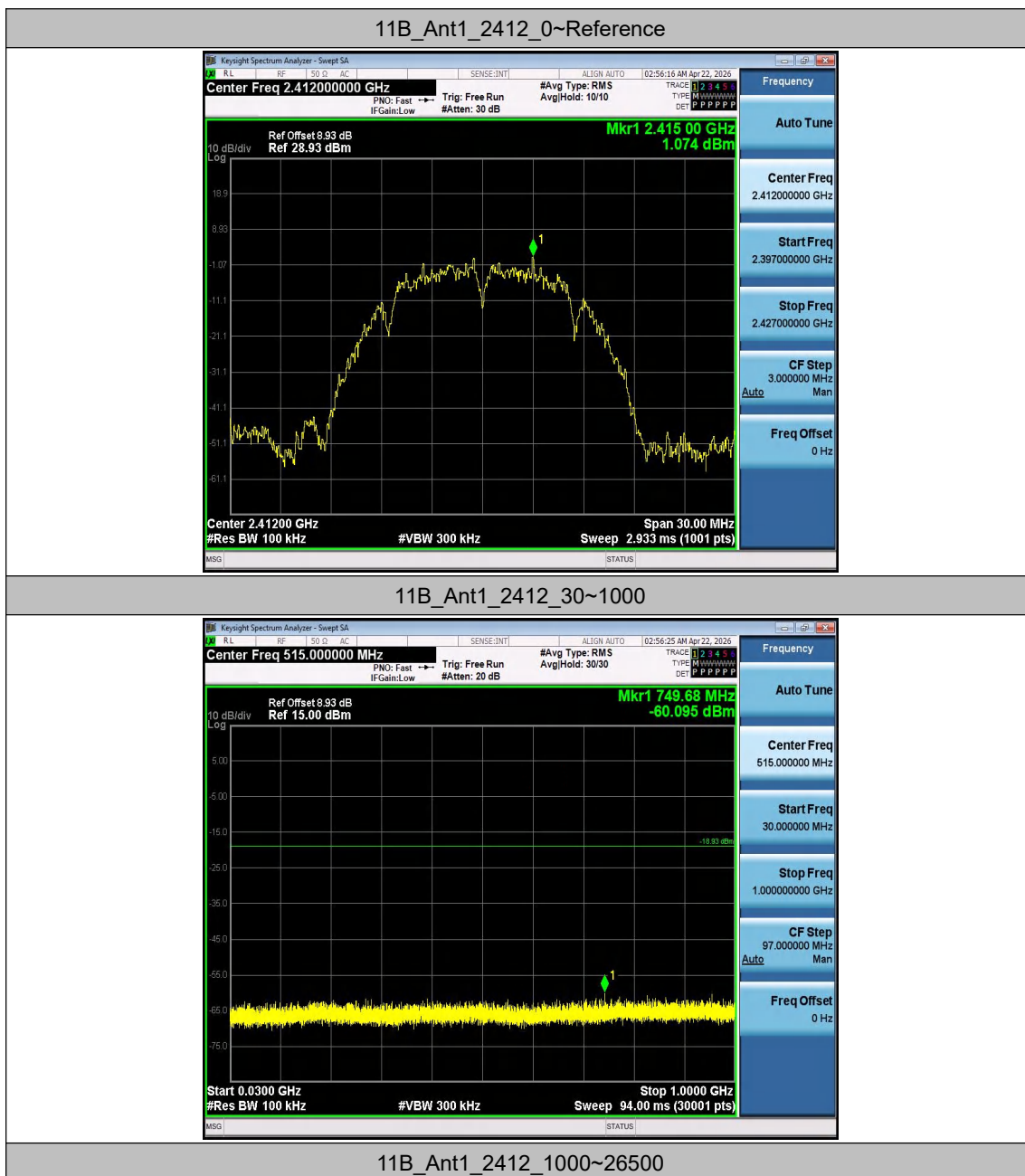


Appendix A.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.07	1.07	---	PASS
			30~1000	1.07	-60.1	≤-18.93	PASS
			1000~26500	1.07	-47.99	≤-18.93	PASS
		2437	Reference	0.28	0.28	---	PASS
			30~1000	0.28	-60.17	≤-19.72	PASS
			1000~26500	0.28	-47.75	≤-19.72	PASS
		2462	Reference	0.68	0.68	---	PASS
			30~1000	0.68	-60.06	≤-19.32	PASS
			1000~26500	0.68	-47.59	≤-19.32	PASS
11G	Ant1	2412	Reference	-3.57	-3.57	---	PASS
			30~1000	-3.57	-60.65	≤-23.57	PASS
			1000~26500	-3.57	-48.02	≤-23.57	PASS
		2437	Reference	-1.25	-1.25	---	PASS
			30~1000	-1.25	-60.63	≤-21.25	PASS
			1000~26500	-1.25	-47.58	≤-21.25	PASS
		2462	Reference	-2.66	-2.66	---	PASS
			30~1000	-2.66	-60.57	≤-22.66	PASS
			1000~26500	-2.66	-47.93	≤-22.66	PASS
11N20SISO	Ant1	2412	Reference	-1.14	-1.14	---	PASS
			30~1000	-1.14	-60.47	≤-21.14	PASS
			1000~26500	-1.14	-47.44	≤-21.14	PASS
		2437	Reference	-3.42	-3.42	---	PASS
			30~1000	-3.42	-60.16	≤-23.42	PASS
			1000~26500	-3.42	-47.48	≤-23.42	PASS
		2462	Reference	-1.58	-1.58	---	PASS
			30~1000	-1.58	-59.6	≤-21.58	PASS
			1000~26500	-1.58	-47.5	≤-21.58	PASS
11N40SISO	Ant1	2422	Reference	-4.62	-4.62	---	PASS
			30~1000	-4.62	-60.34	≤-24.62	PASS
			1000~26500	-4.62	-47.98	≤-24.62	PASS
		2437	Reference	-3.30	-3.30	---	PASS
			30~1000	-3.30	-59.96	≤-23.3	PASS
			1000~26500	-3.30	-47.86	≤-23.3	PASS
		2452	Reference	-5.19	-5.19	---	PASS
			30~1000	-5.19	-60.87	≤-25.19	PASS
			1000~26500	-5.19	-47.73	≤-25.19	PASS

Test Graphs

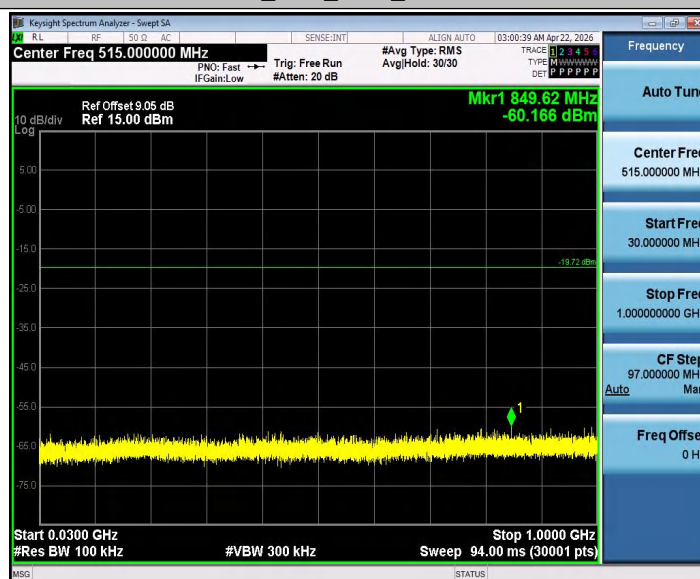




11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000