

Case No. : <u>GTS20260616002-1-02</u>
Ambient Condition: <u>23℃,52%RH,</u>
Test Date: <u>2026.6.29-2026.7.7</u> Test Engineer: <u>Evan ouyang</u>

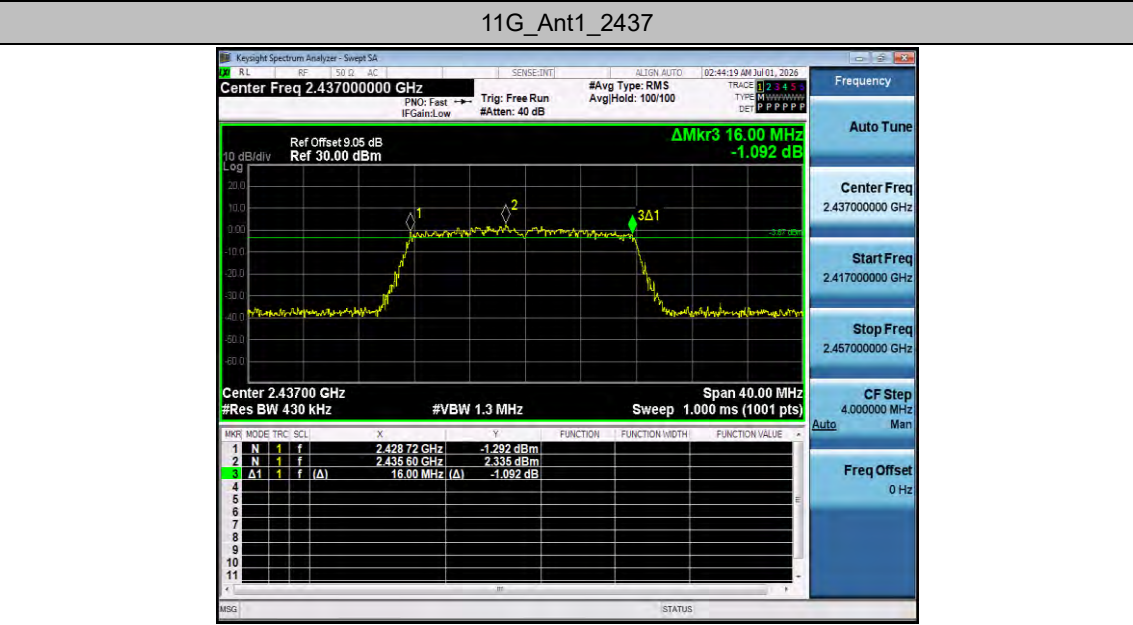
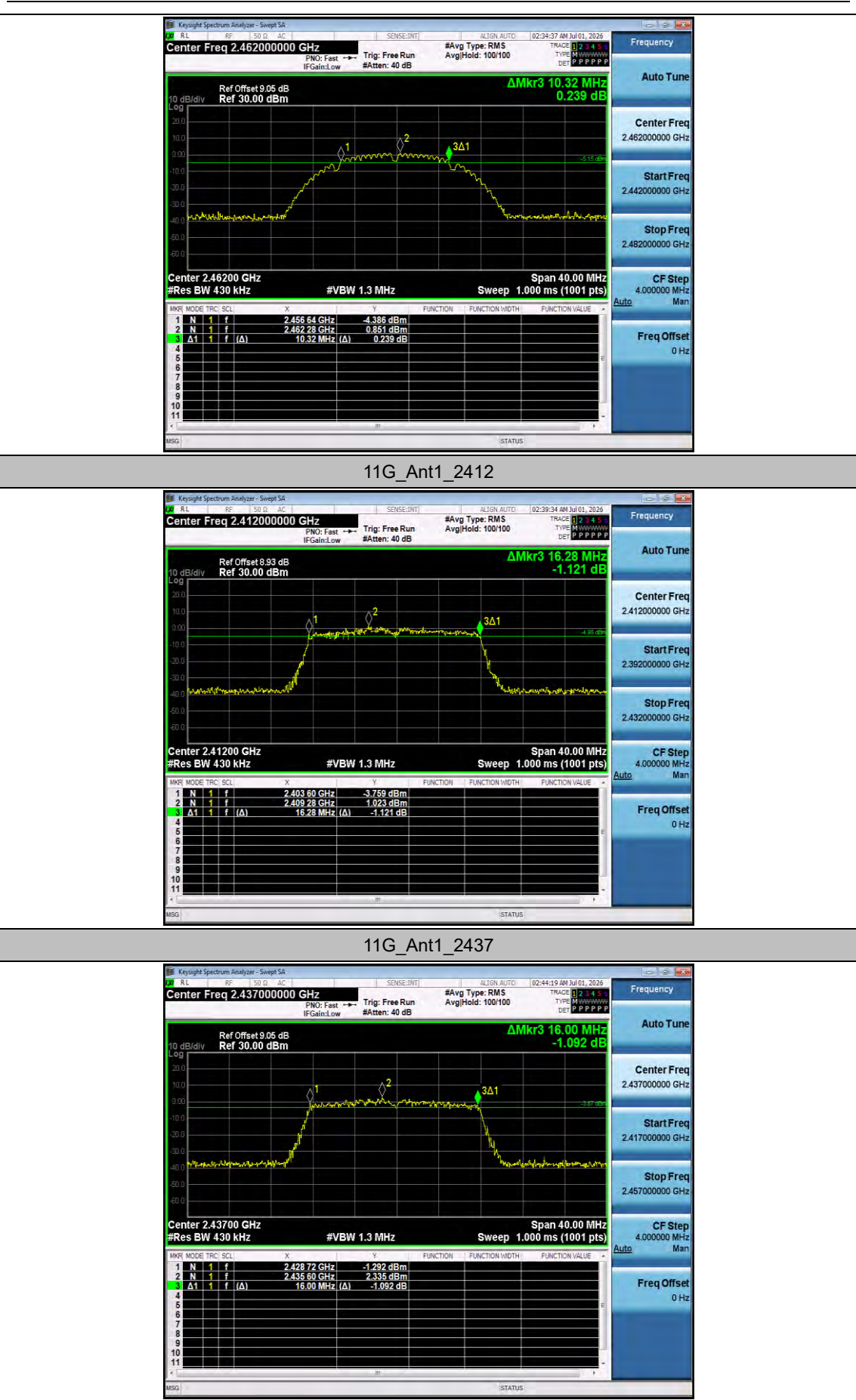
Appendix B.1: DTS Bandwidth

Test Result

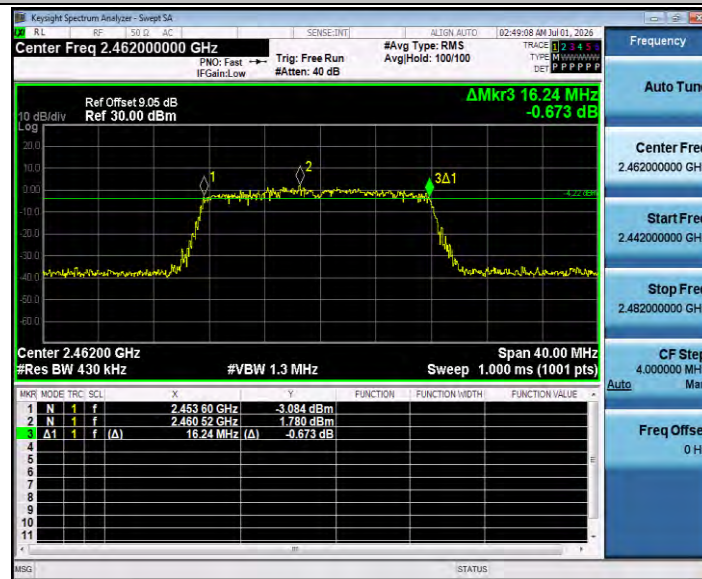
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.360	2406.640	2417.000	0.5	PASS
		2437	10.360	2431.640	2442.000	0.5	PASS
		2462	10.320	2456.640	2466.960	0.5	PASS
11G	Ant1	2412	16.280	2403.600	2419.880	0.5	PASS
		2437	16.000	2428.720	2444.720	0.5	PASS
		2462	16.240	2453.600	2469.840	0.5	PASS
11N20SISO	Ant1	2412	17.200	2403.160	2420.360	0.5	PASS
		2437	17.200	2428.240	2445.440	0.5	PASS
		2462	17.000	2453.320	2470.320	0.5	PASS
11N40SISO	Ant1	2422	35.920	2403.920	2439.840	0.5	PASS
		2437	35.840	2419.000	2454.840	0.5	PASS
		2452	35.840	2434.000	2469.840	0.5	PASS

Test Graphs

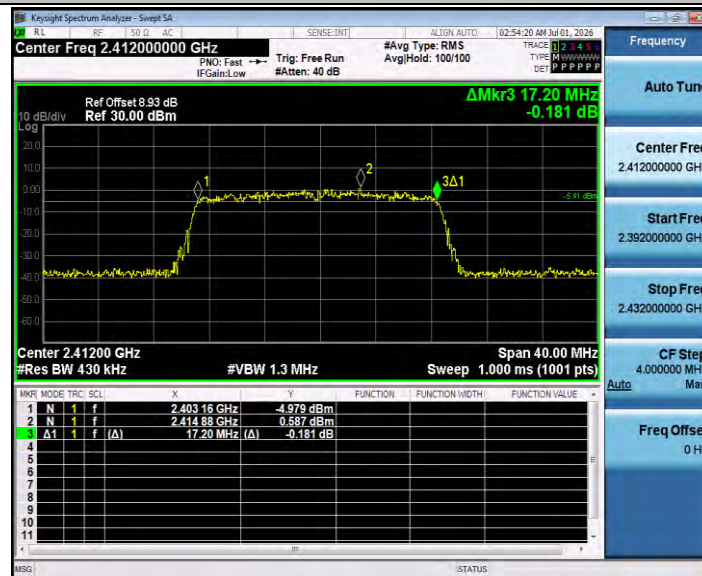




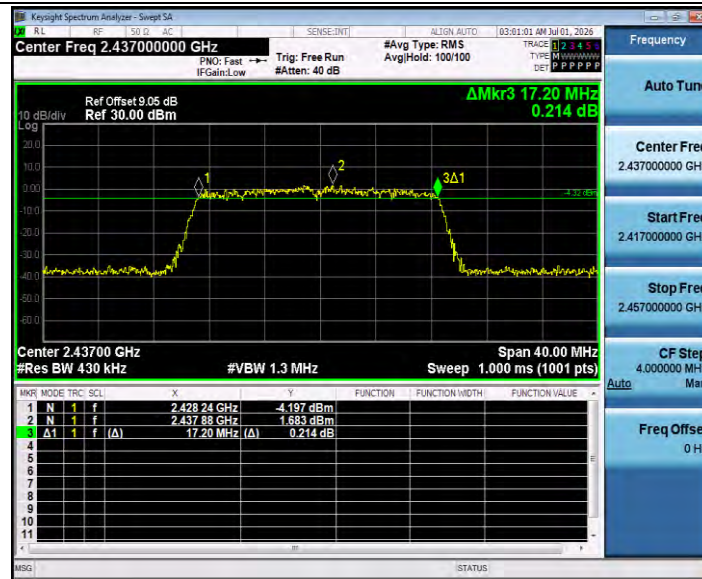
11G_Ant1_2462



11N20SISO_Ant1_2412



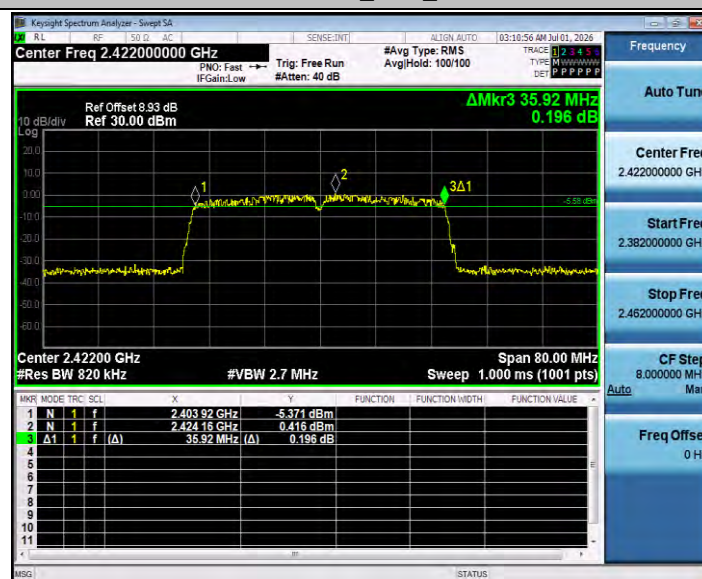
11N20SISO_Ant1_2437



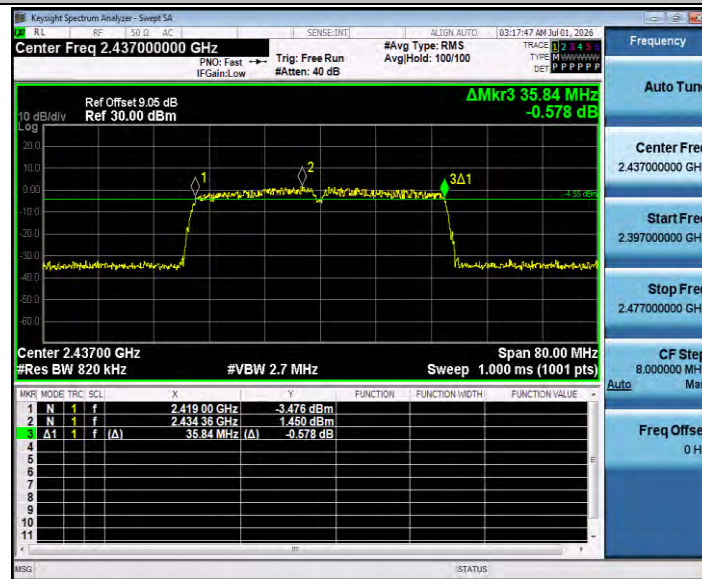
11N20SISO_Ant1_2462



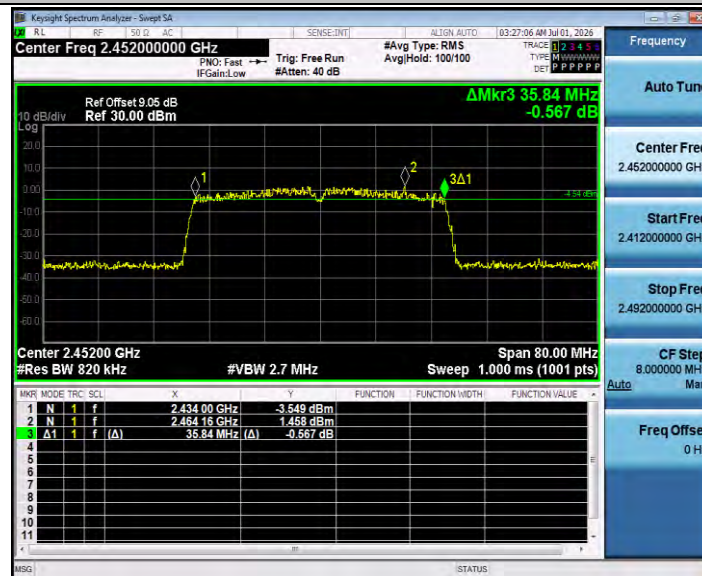
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



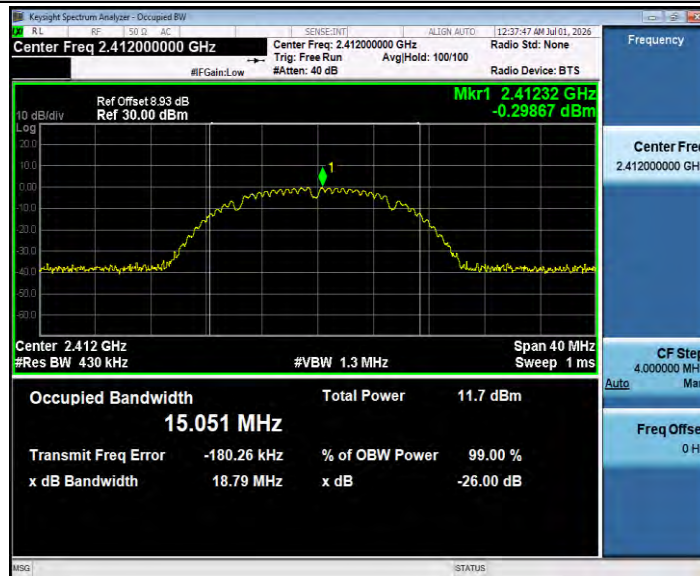
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.051	2404.2942	2419.3452	---	---
		2437	15.014	2429.3078	2444.3218	---	---
		2462	14.994	2454.3067	2469.3007	---	---
11G	Ant1	2412	16.323	2403.6577	2419.9807	---	---
		2437	16.409	2428.6000	2445.0090	---	---
		2462	16.329	2453.6385	2469.9675	---	---
11N20SISO	Ant1	2412	17.548	2403.0095	2420.5575	---	---
		2437	17.550	2428.0372	2445.5872	---	---
		2462	17.508	2453.0614	2470.5694	---	---
11N40SISO	Ant1	2422	36.043	2403.8318	2439.8748	---	---
		2437	36.052	2418.8529	2454.9049	---	---
		2452	36.064	2433.8270	2469.8910	---	---

Test Graphs

11B_Ant1_2412



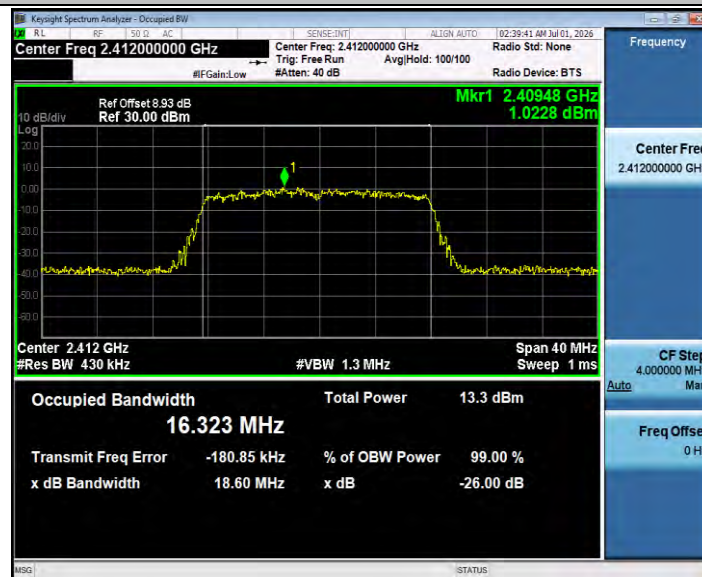
11B_Ant1_2437



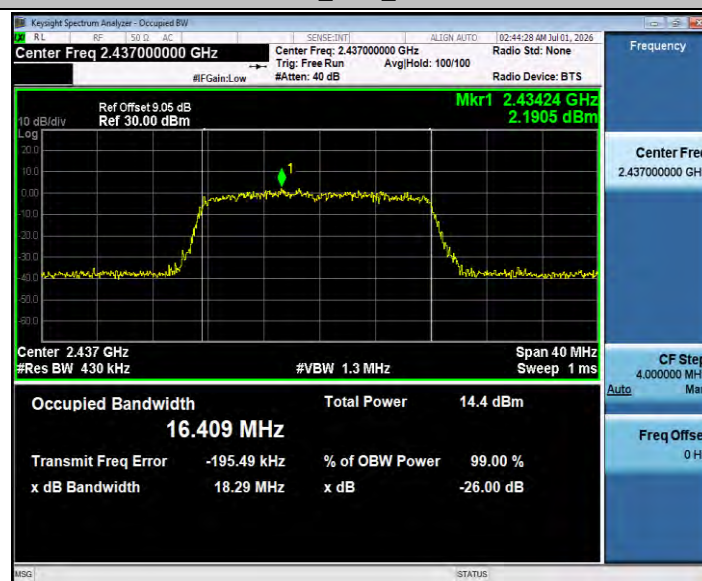
11B_Ant1_2462



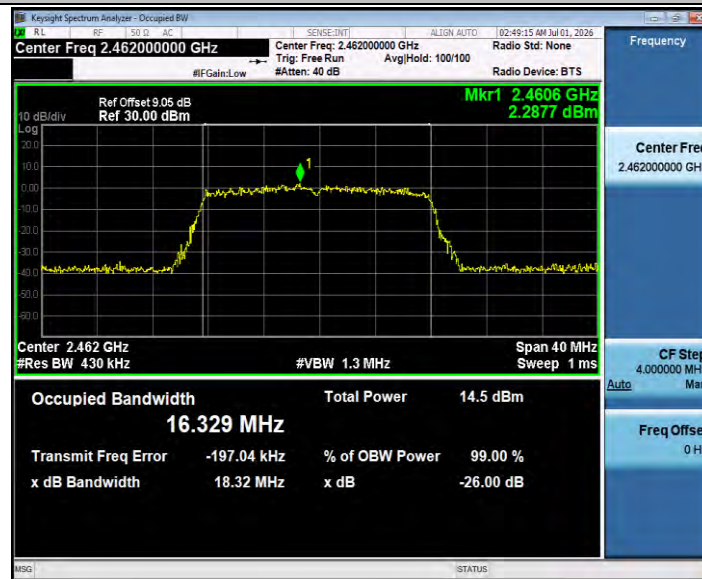
11G_Ant1_2412



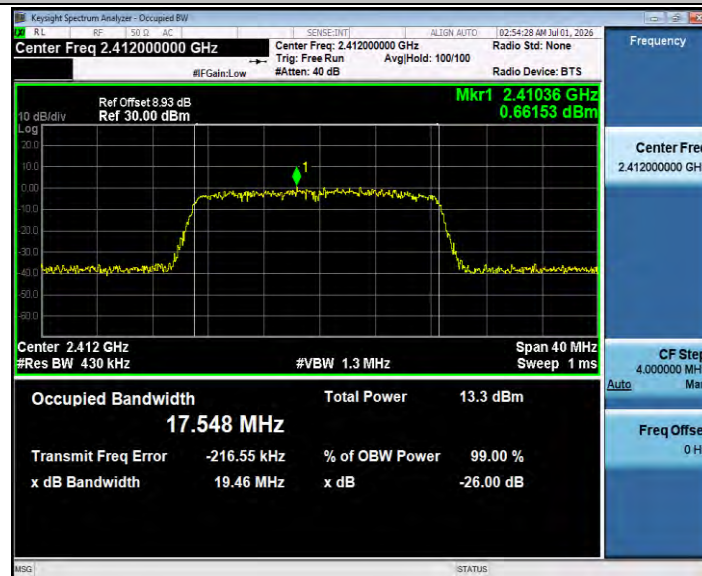
11G_Ant1_2437



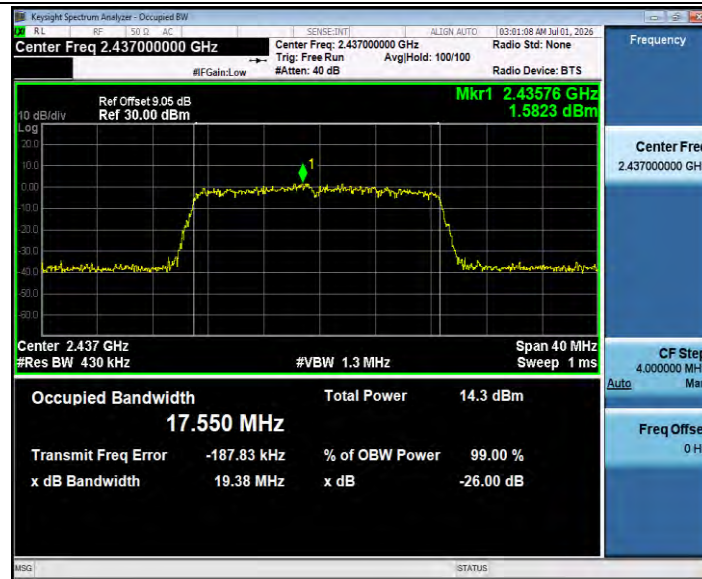
11G_Ant1_2462



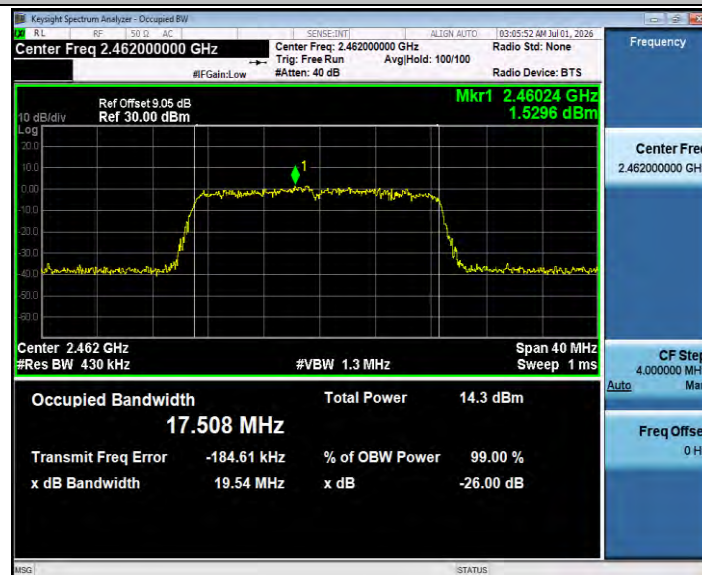
11N20SISO_Ant1_2412



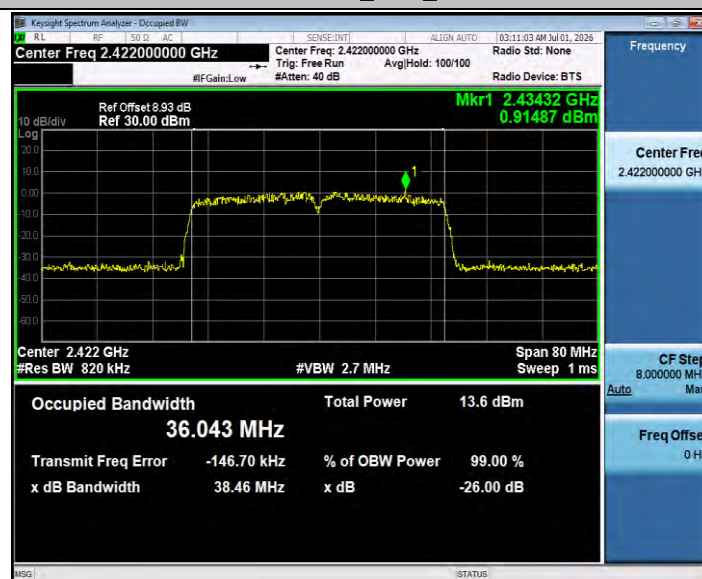
11N20SISO_Ant1_2437



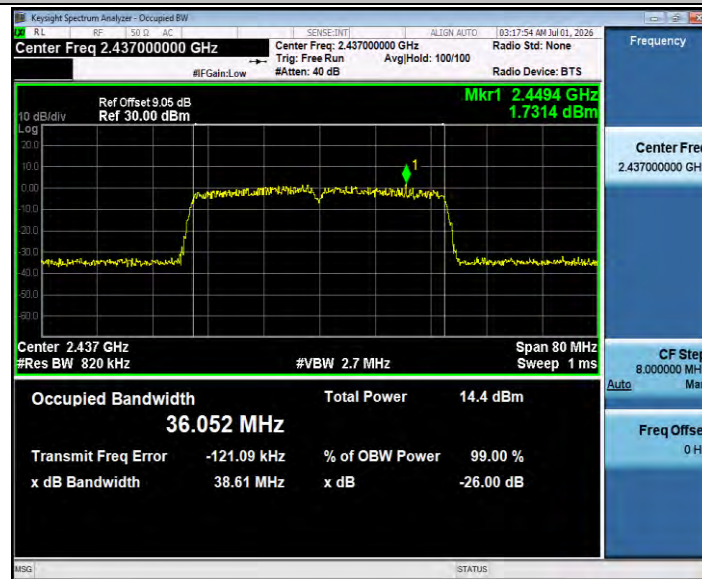
11N20SISO_Ant1_2462



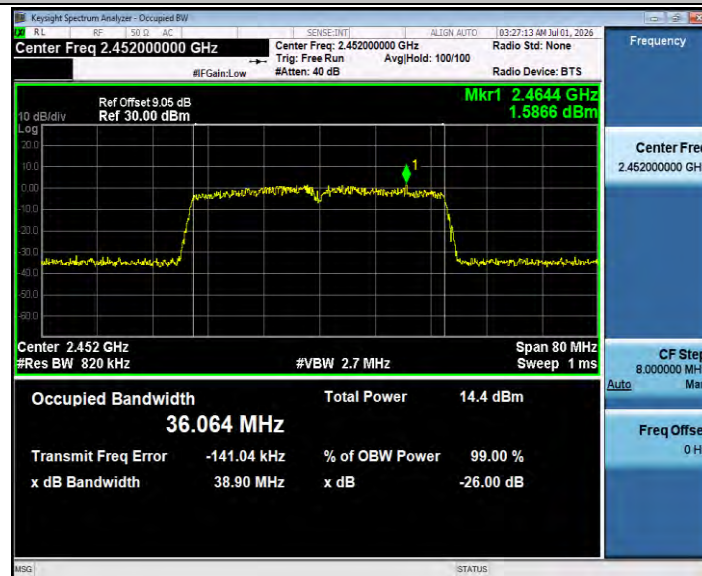
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix B.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	11.82	≤30.00	PASS
		2437	12.93	≤30.00	PASS
		2462	12.94	≤30.00	PASS
11G	Ant1	2412	14.08	≤30.00	PASS
		2437	15.33	≤30.00	PASS
		2462	14.91	≤30.00	PASS
11N20SISO	Ant1	2412	14.50	≤30.00	PASS
		2437	15.33	≤30.00	PASS
		2462	15.32	≤30.00	PASS
11N40SISO	Ant1	2422	13.90	≤30.00	PASS
		2437	14.74	≤30.00	PASS
		2452	14.45	≤30.00	PASS

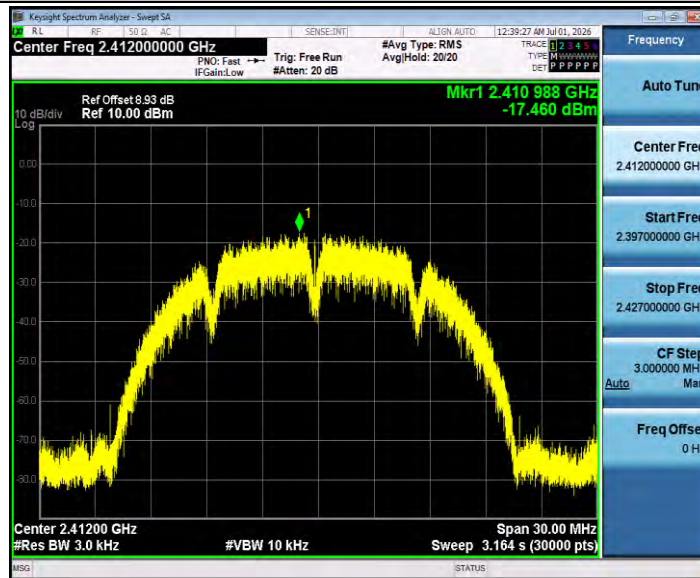
Appendix B.4: Maximum power spectral density

Test Result

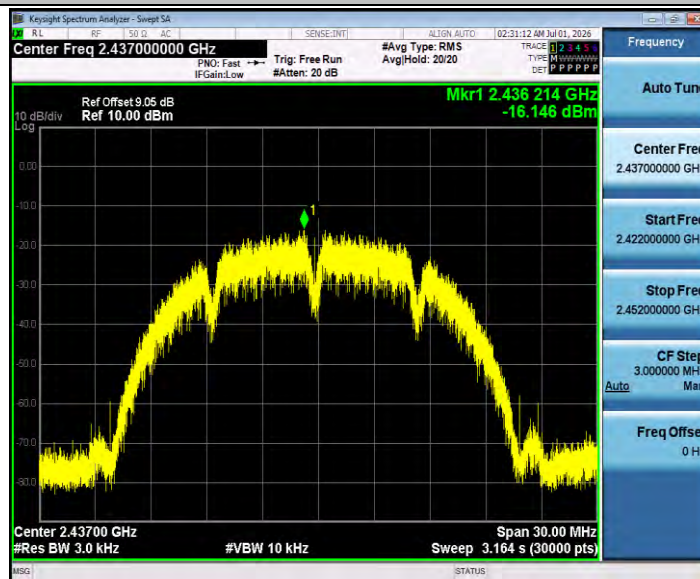
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.46	≤8.00	PASS
		2437	-16.15	≤8.00	PASS
		2462	-16.26	≤8.00	PASS
11G	Ant1	2412	-17.00	≤8.00	PASS
		2437	-16.02	≤8.00	PASS
		2462	-15.85	≤8.00	PASS
11N20SISO	Ant1	2412	-18.48	≤8.00	PASS
		2437	-17.47	≤8.00	PASS
		2462	-17.36	≤8.00	PASS
11N40SISO	Ant1	2422	-21.57	≤8.00	PASS
		2437	-20.53	≤8.00	PASS
		2452	-20.32	≤8.00	PASS

Test Graphs

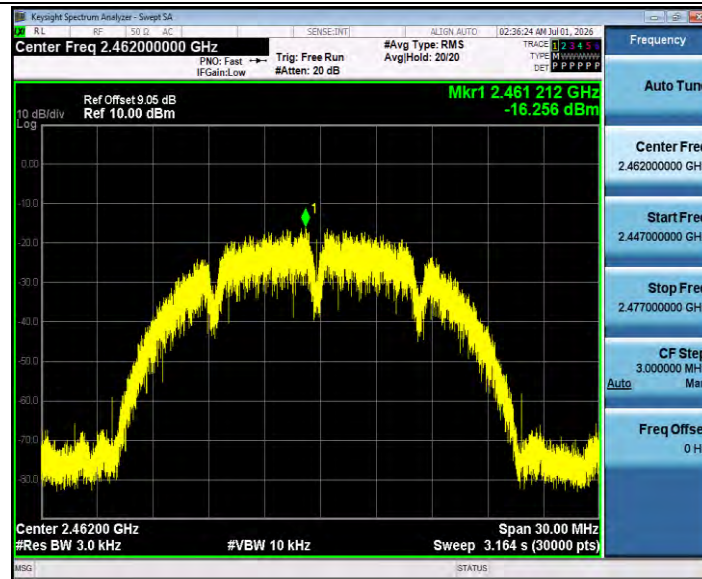
11B_Ant1_2412



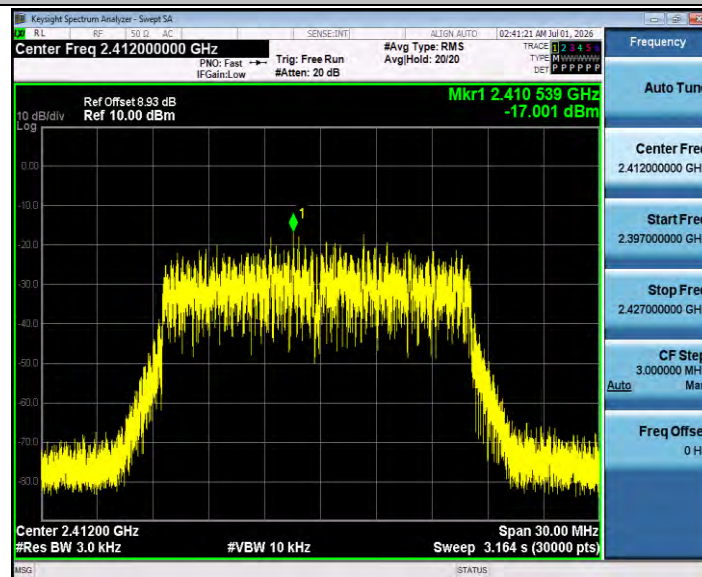
11B_Ant1_2437



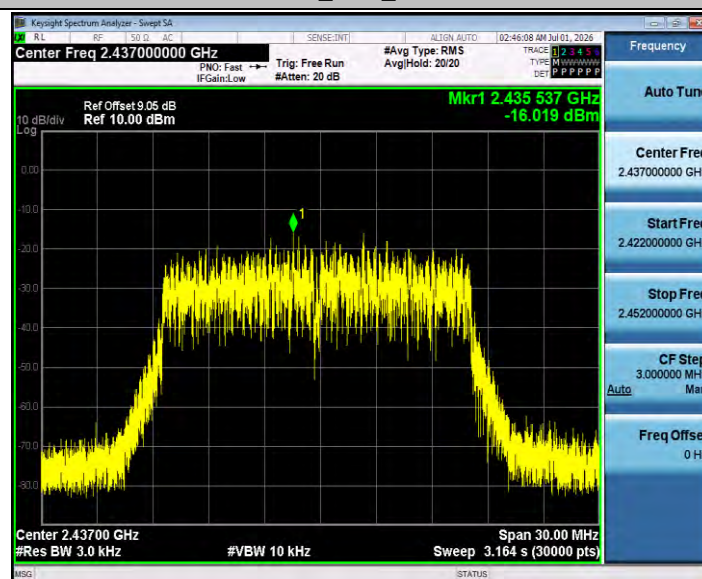
11B_Ant1_2462



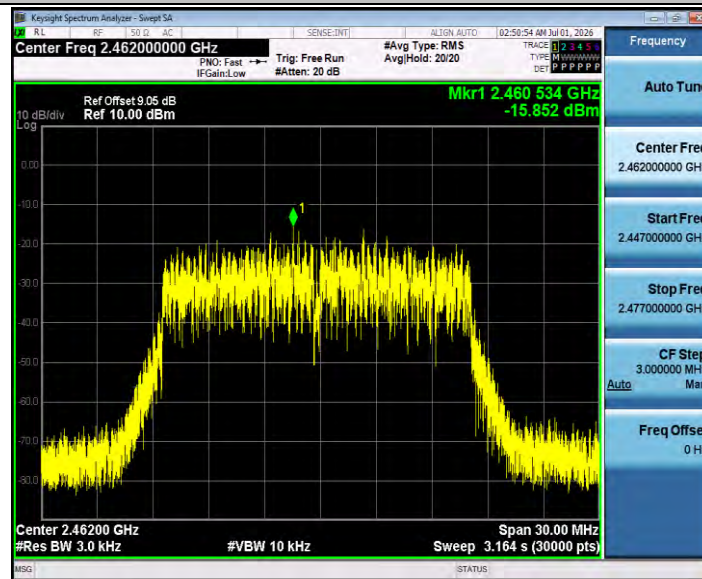
11G_Ant1_2412



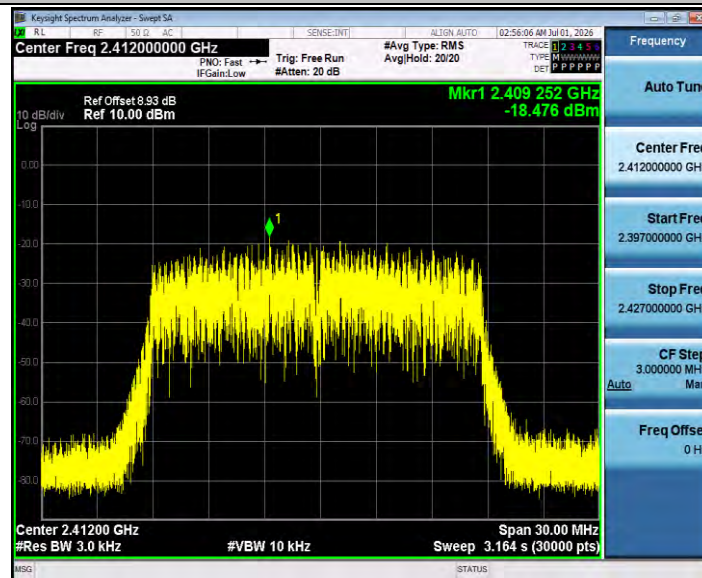
11G_Ant1_2437



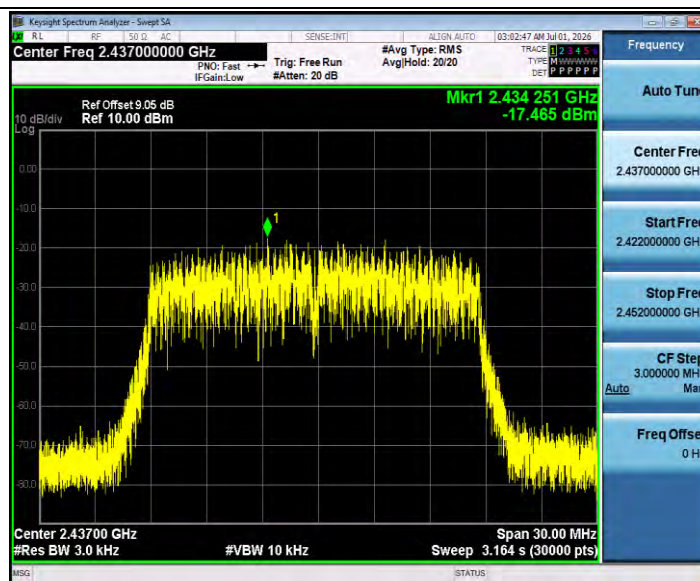
11G_Ant1_2462



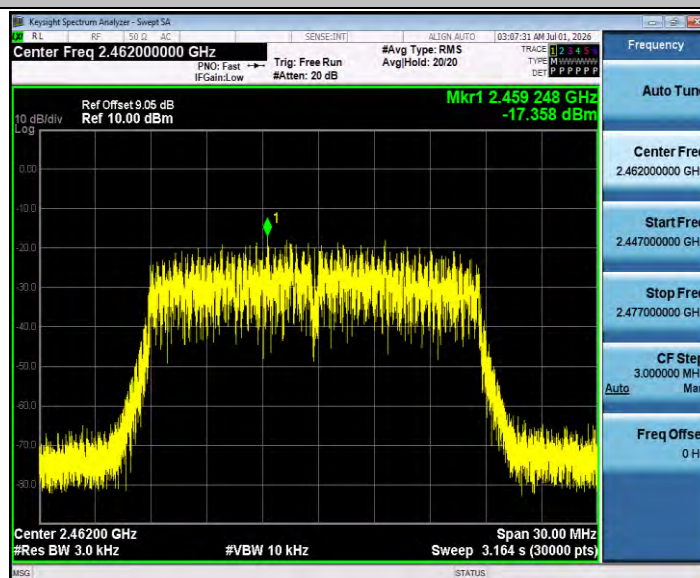
11N20SISO_Ant1_2412



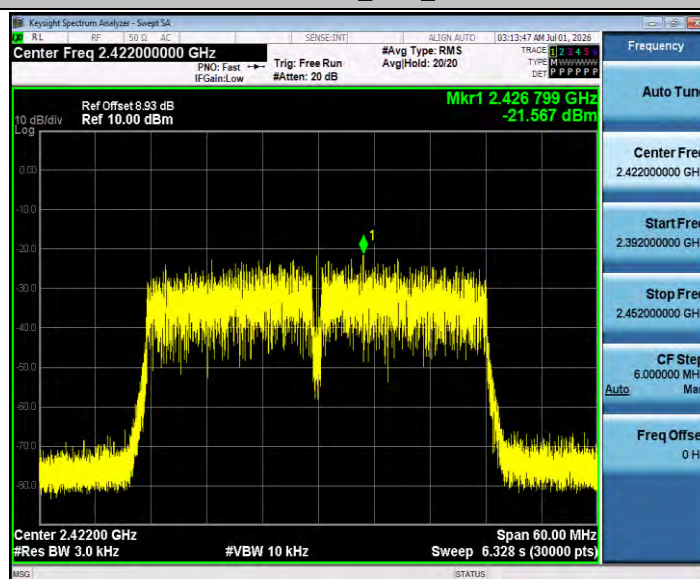
11N20SISO_Ant1_2437



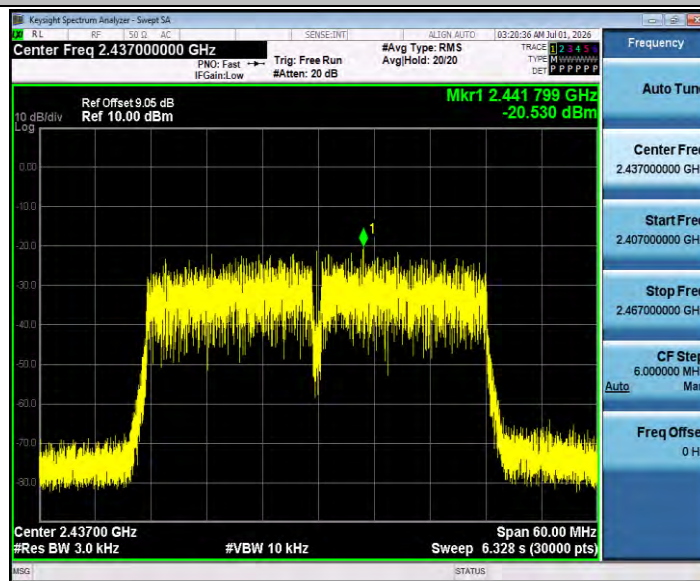
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

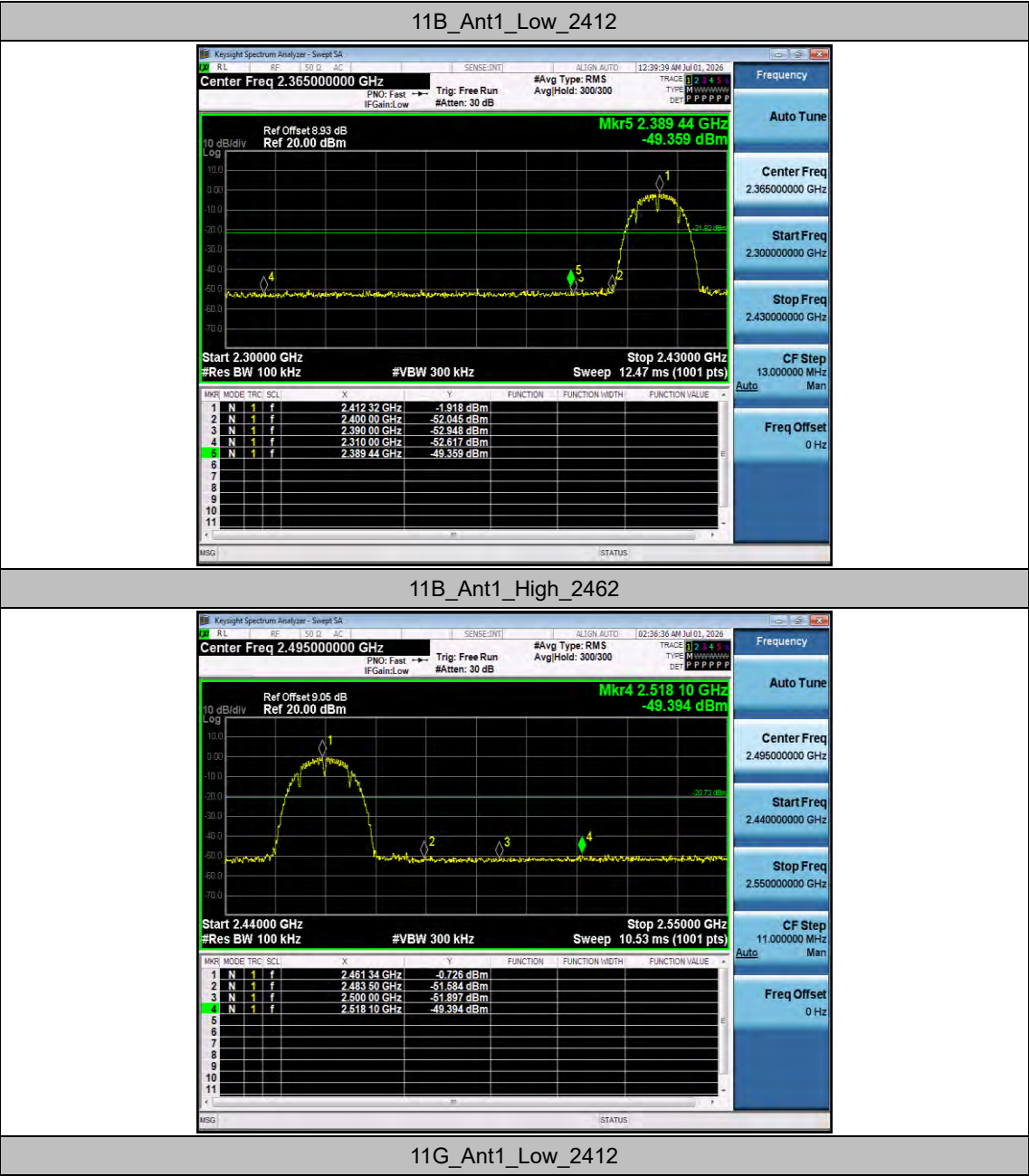


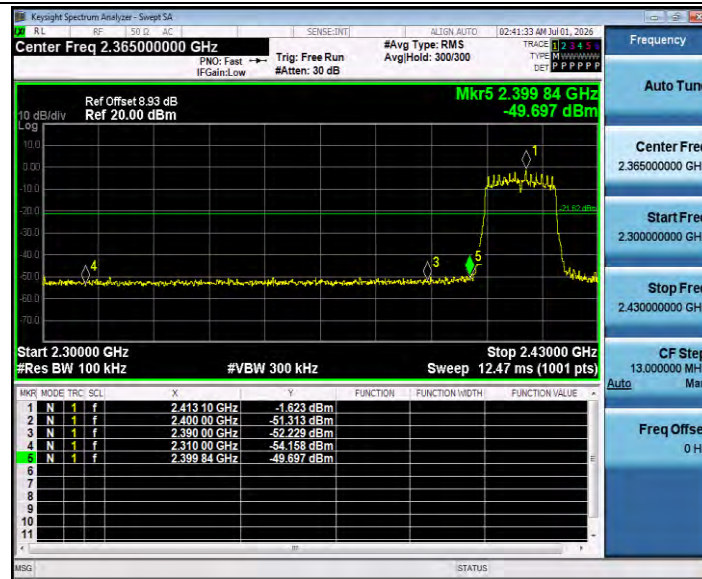
Appendix B.5:Band edge measurements

Test Result

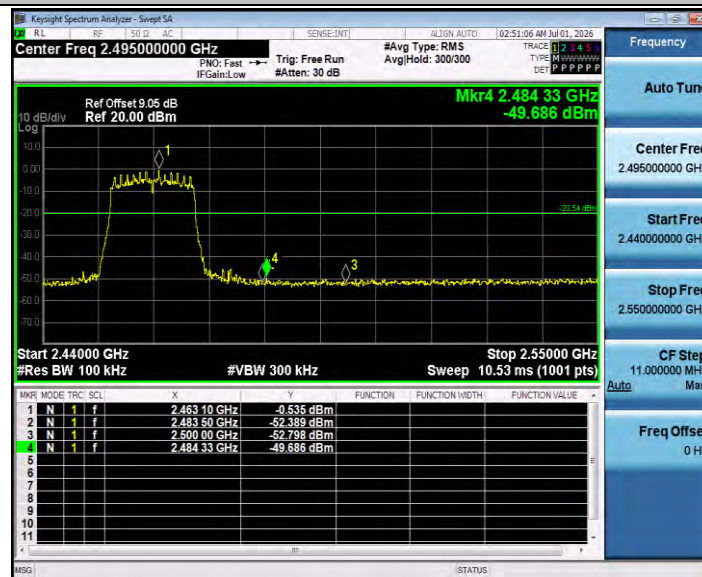
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-1.92	-49.36	≤ -21.92	PASS
		High	2462	-0.73	-49.39	≤ -20.73	PASS
11G	Ant1	Low	2412	-1.62	-49.7	≤ -21.62	PASS
		High	2462	-0.54	-49.69	≤ -20.54	PASS
11N20SISO	Ant1	Low	2412	-2.36	-47.28	≤ -22.36	PASS
		High	2462	-0.48	-46.01	≤ -20.48	PASS
11N40SISO	Ant1	Low	2422	-4.96	-48.59	≤ -24.96	PASS
		High	2452	-4.35	-48.38	≤ -24.35	PASS

Test Graphs

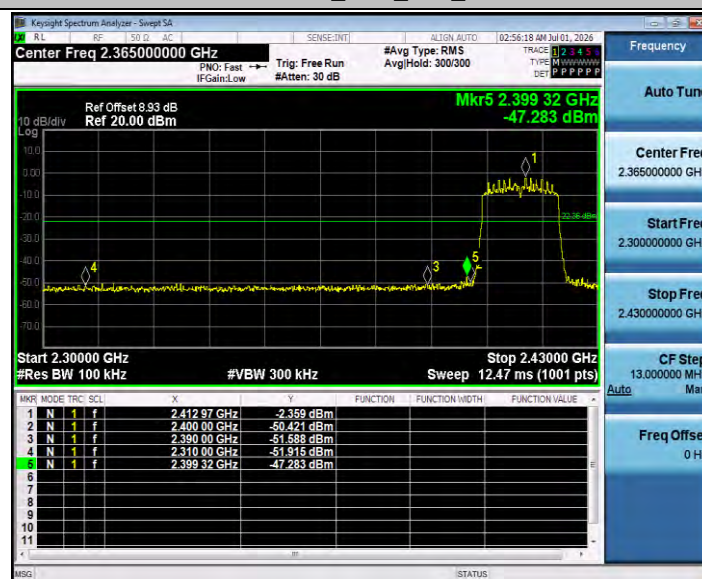




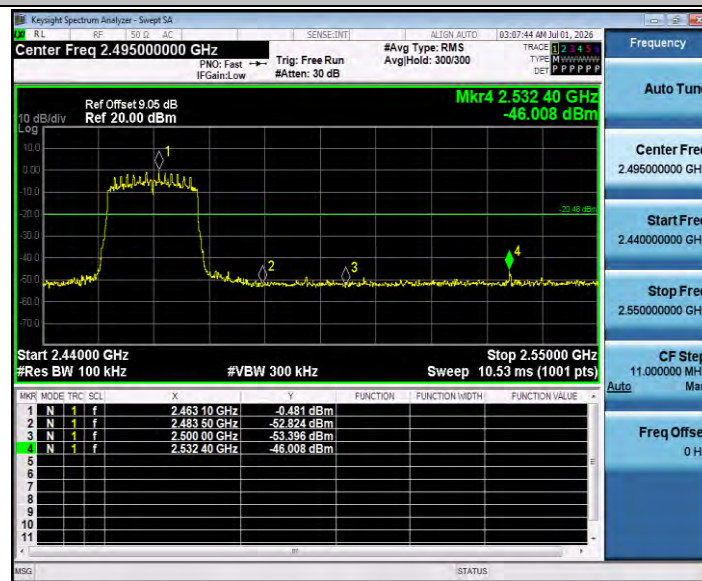
11G_Ant1_High_2462



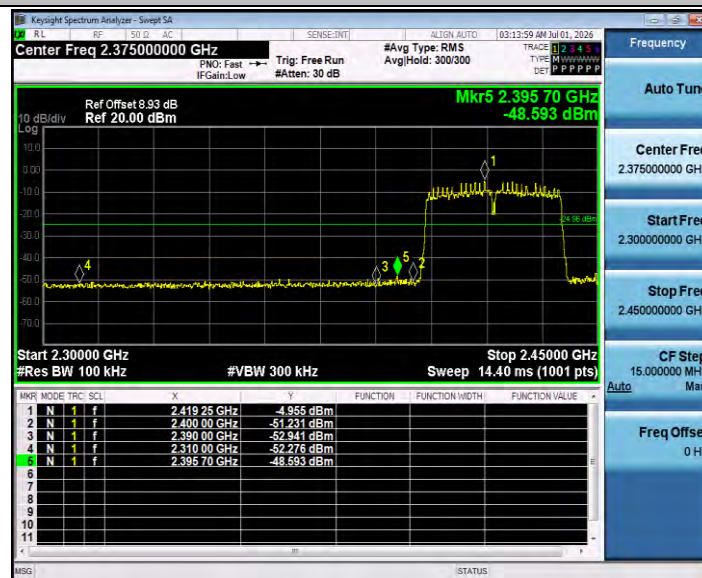
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

