

Case No. : <u>GTS20250325005-4-03</u>	
Ambient Condition: <u>23</u> °C, <u>48</u> %RH,	
Test Date: <u>2025.3.26</u>	Test Engineer: <u>Evan ouyang</u>

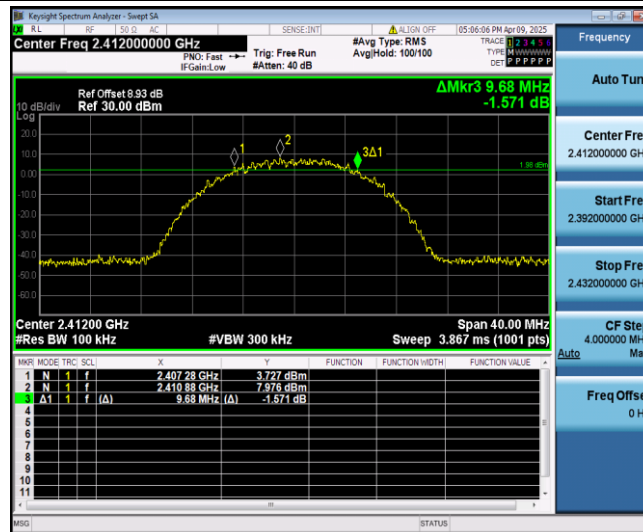
Appendix B.1: DTS Bandwidth

Test Result

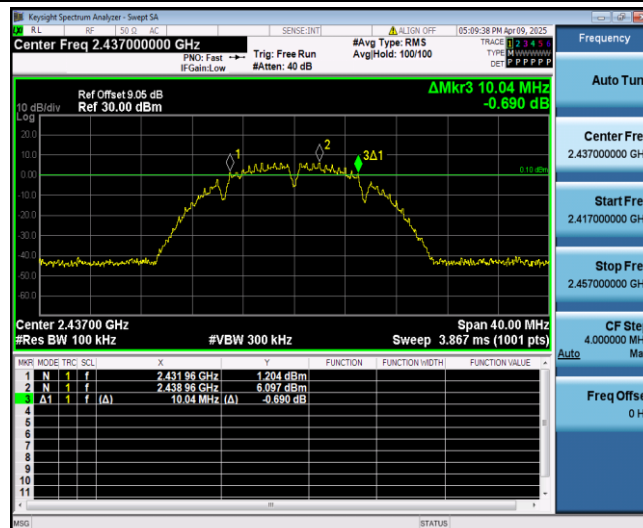
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.680	2407.280	2416.960	0.5	PASS
		2437	10.040	2431.960	2442.000	0.5	PASS
		2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	0.5	PASS
		2437	16.520	2428.720	2445.240	0.5	PASS
		2462	16.440	2453.760	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.720	2403.120	2420.840	0.5	PASS
		2437	17.680	2428.120	2445.800	0.5	PASS
		2462	17.720	2453.120	2470.840	0.5	PASS

Test Graphs

11B_Ant1_2412



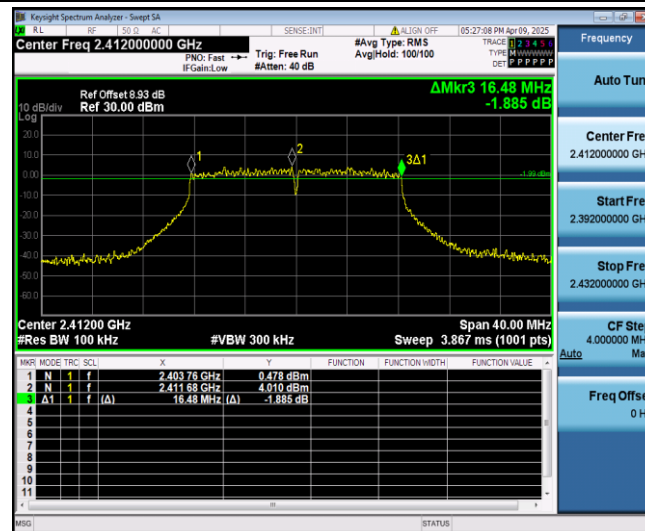
11B_Ant1_2437



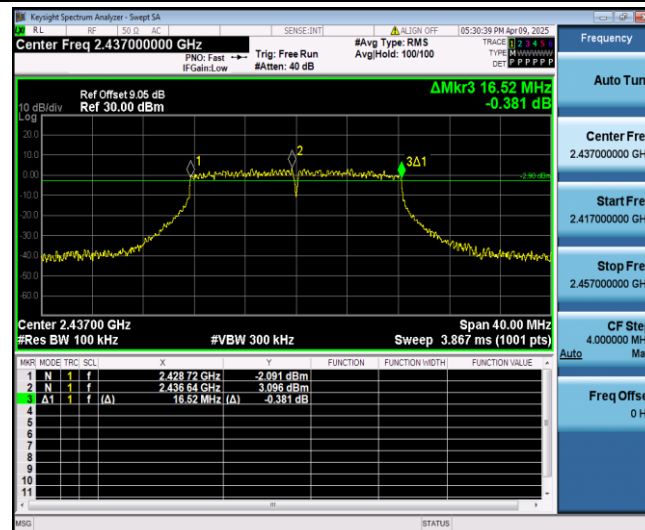
11B_Ant1_2462



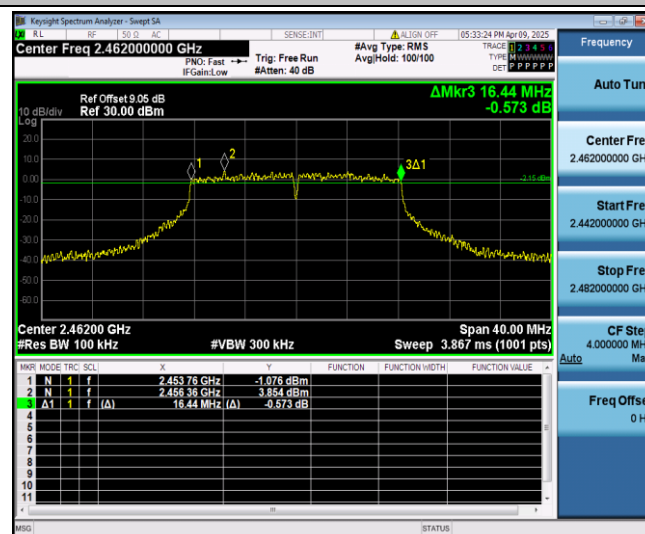
11G_Ant1_2412



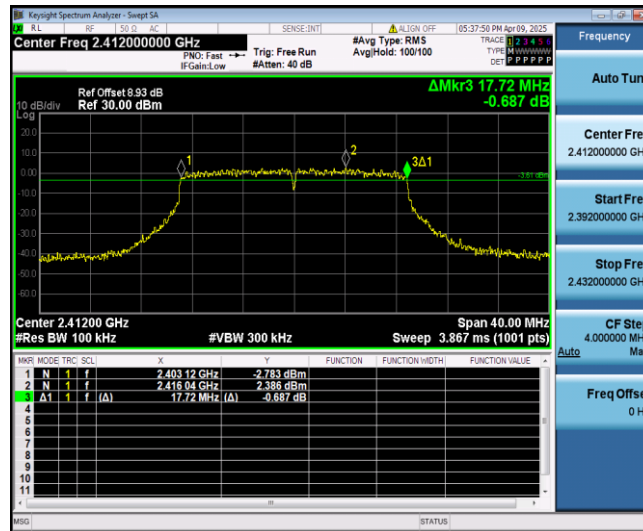
11G_Ant1_2437



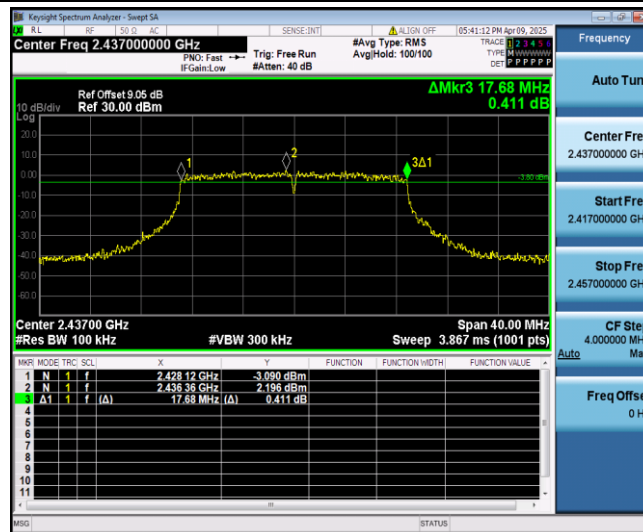
11G_Ant1_2462



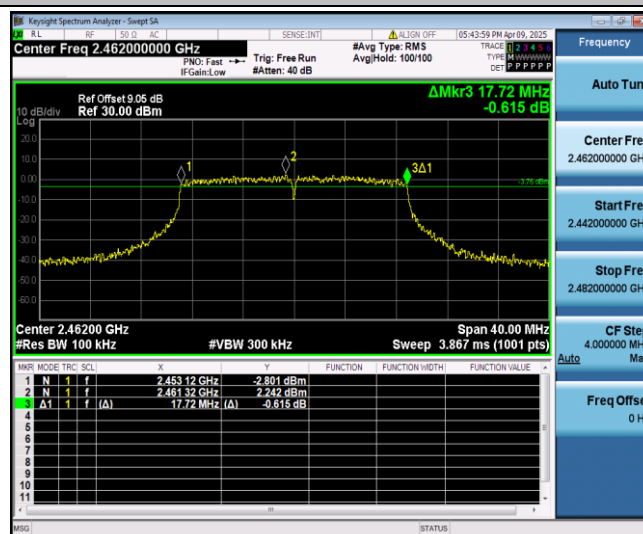
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



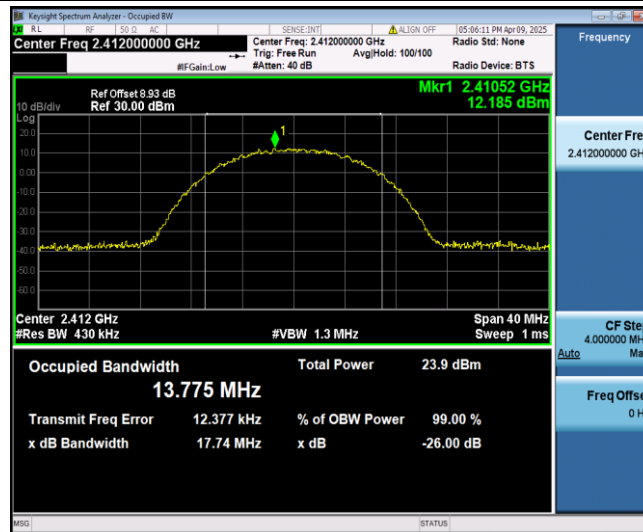
Appendix B.2: Occupied Channel Bandwidth

Test Result

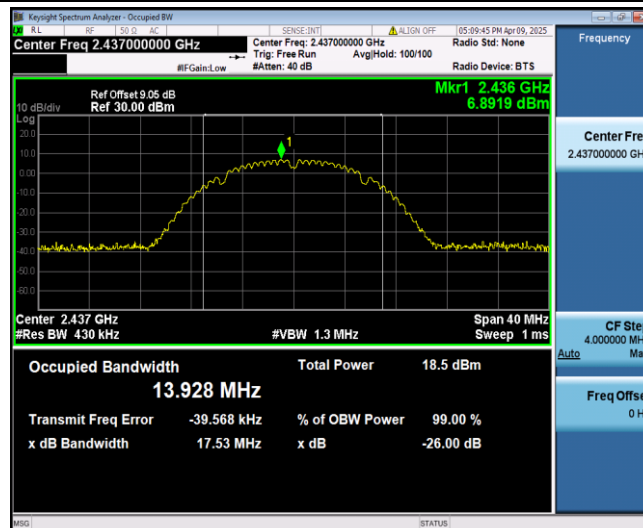
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.775	2405.1249	2418.8999	---	---
		2437	13.928	2429.9964	2443.9244	---	---
		2462	13.896	2455.0357	2468.9317	---	---
11G	Ant1	2412	16.667	2403.6250	2420.2920	---	---
		2437	16.715	2428.6198	2445.3348	---	---
		2462	16.689	2453.6419	2470.3309	---	---
11N20SISO	Ant1	2412	17.748	2403.1080	2420.8560	---	---
		2437	17.781	2428.0607	2445.8417	---	---
		2462	17.754	2453.1004	2470.8544	---	---

Test Graphs

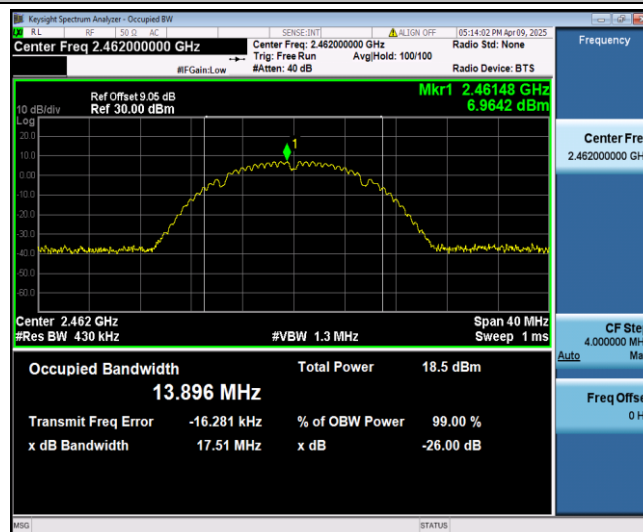
11B_Ant1_2412



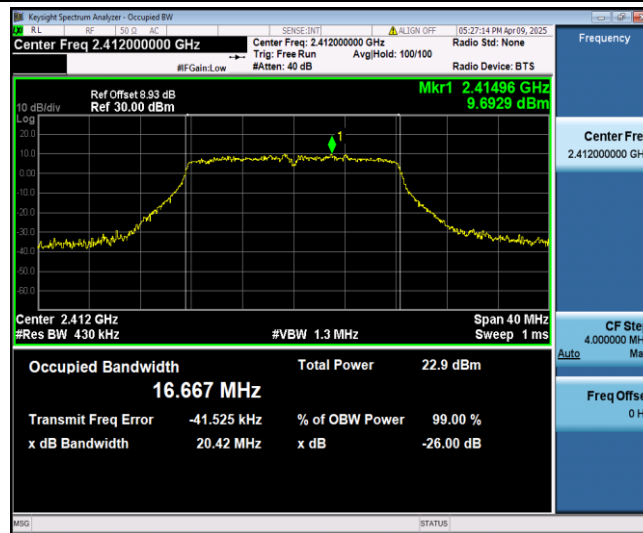
11B_Ant1_2437



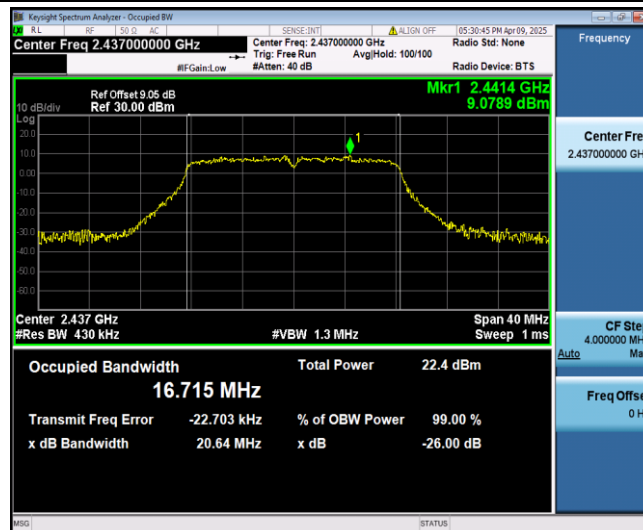
11B_Ant1_2462



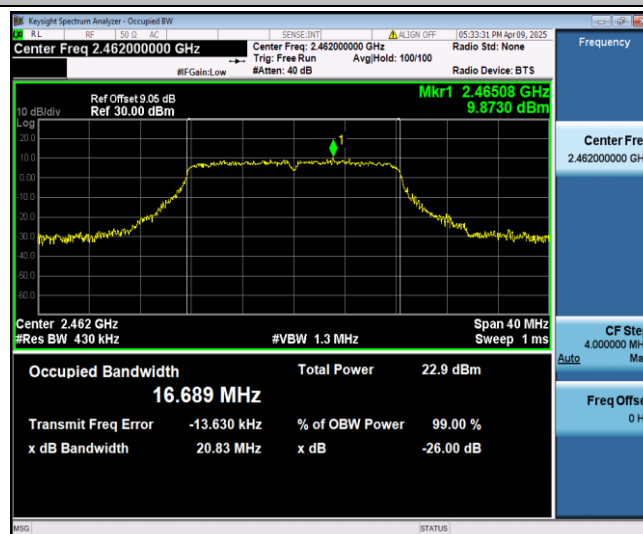
11G_Ant1_2412



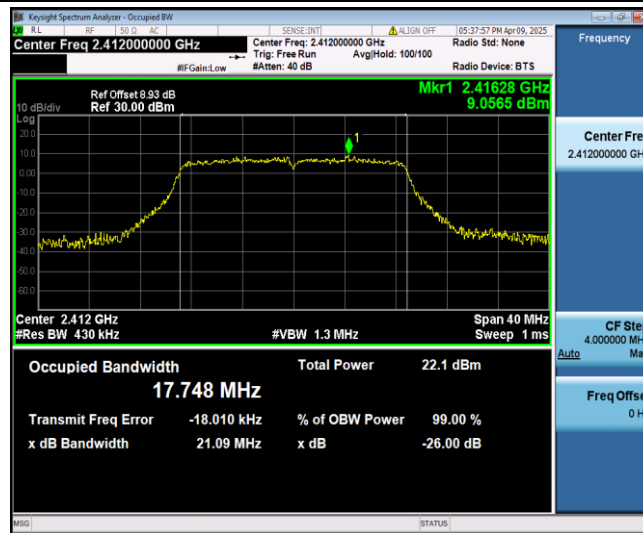
11G_Ant1_2437



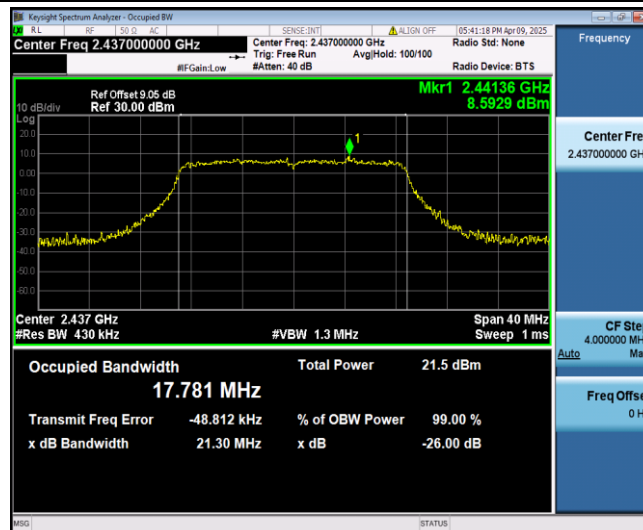
11G_Ant1_2462



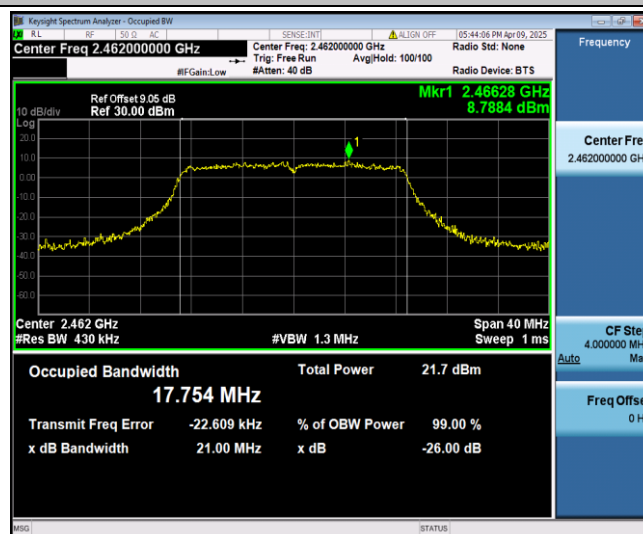
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix B.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	21.55	≤30.00	PASS
		2437	21.63	≤30.00	PASS
		2462	21.64	≤30.00	PASS
11G	Ant1	2412	22.09	≤30.00	PASS
		2437	22.60	≤30.00	PASS
		2462	22.12	≤30.00	PASS
11N20SISO	Ant1	2412	23.01	≤30.00	PASS
		2437	23.45	≤30.00	PASS
		2462	23.56	≤30.00	PASS

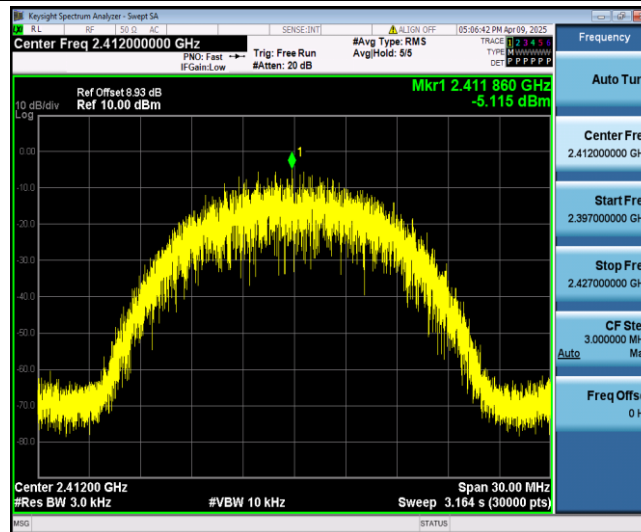
Appendix B.4: Maximum power spectral density

Test Result

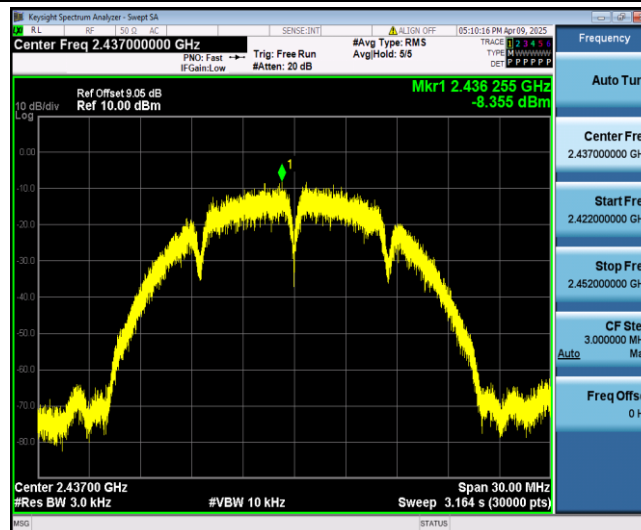
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.12	≤8.00	PASS
		2437	-8.36	≤8.00	PASS
		2462	-7.51	≤8.00	PASS
11G	Ant1	2412	-9.52	≤8.00	PASS
		2437	-9.96	≤8.00	PASS
		2462	-9.83	≤8.00	PASS
11N20SISO	Ant1	2412	-10.84	≤8.00	PASS
		2437	-11.84	≤8.00	PASS
		2462	-11.17	≤8.00	PASS

Test Graphs

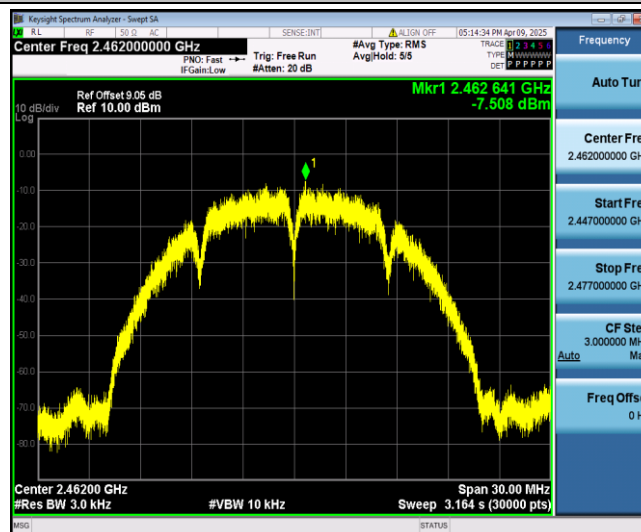
11B_Ant1_2412



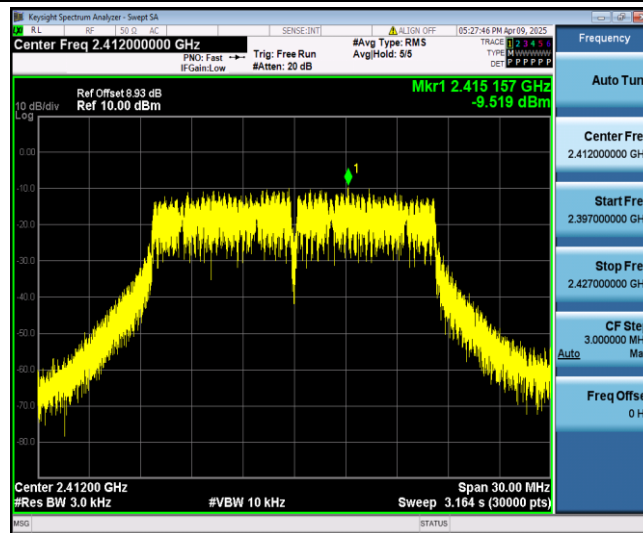
11B_Ant1_2437



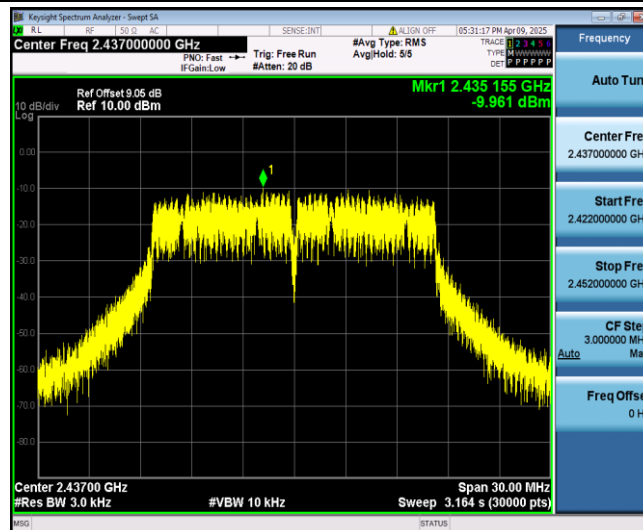
11B_Ant1_2462



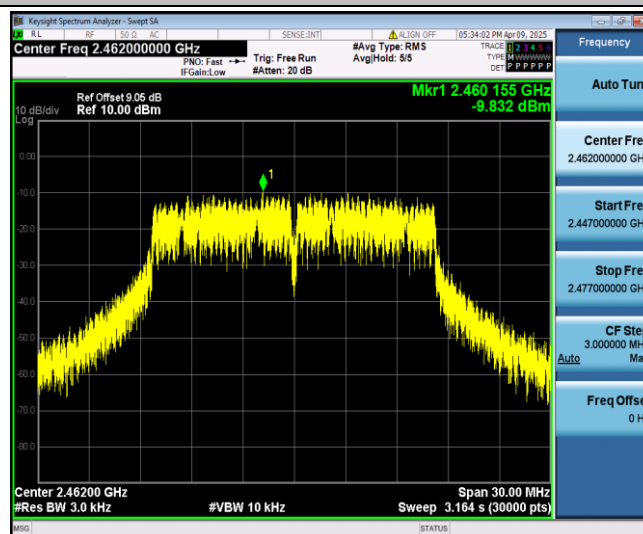
11G_Ant1_2412



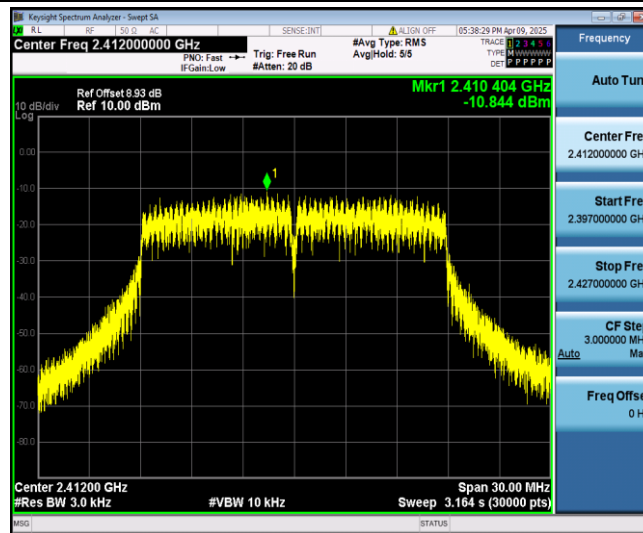
11G_Ant1_2437



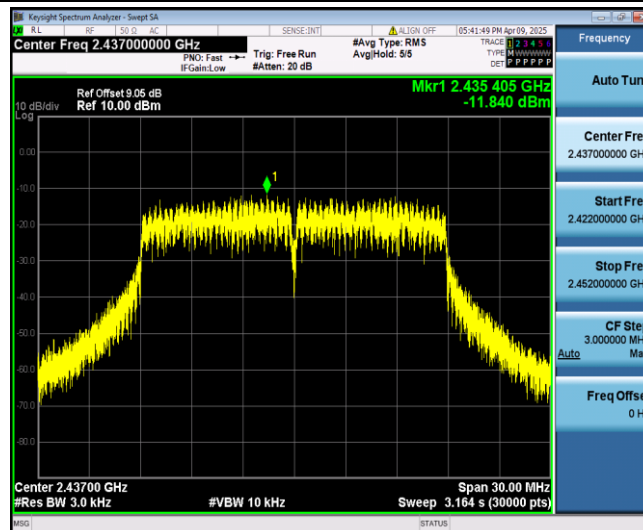
11G_Ant1_2462



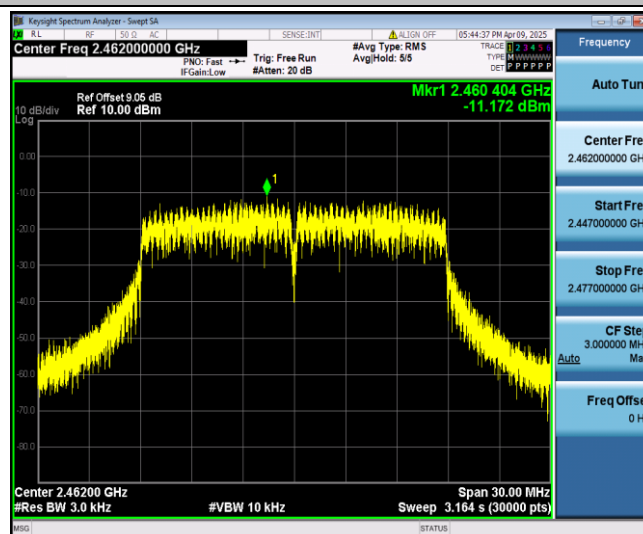
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



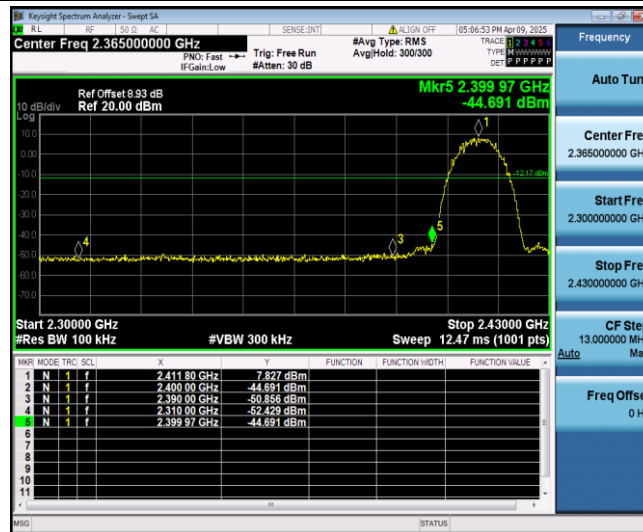
Appendix B.5: Band edge measurements

Test Result

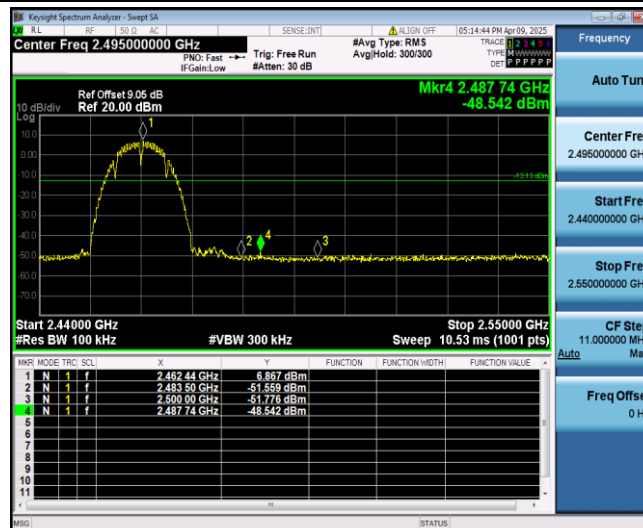
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.83	-44.69	≤ -12.17	PASS
		High	2462	6.87	-48.54	≤ -13.13	PASS
11G	Ant1	Low	2412	3.87	-35.38	≤ -16.13	PASS
		High	2462	3.90	-39.37	≤ -16.1	PASS
11N20SISO	Ant1	Low	2412	2.92	-34.2	≤ -17.08	PASS
		High	2462	2.40	-43.41	≤ -17.6	PASS

Test Graphs

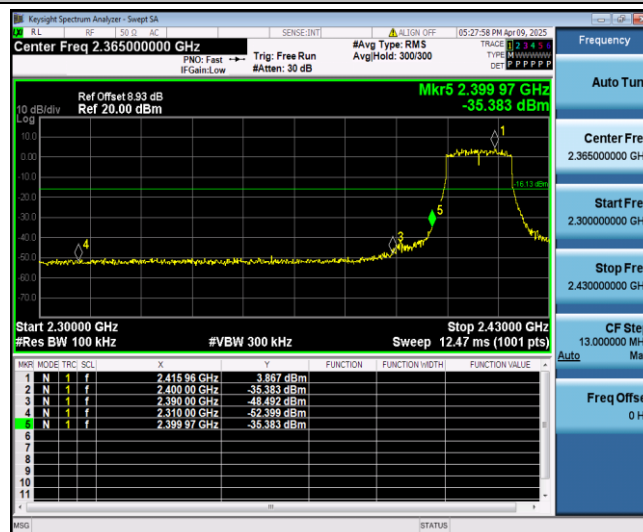
11B_Ant1_Low_2412



11B_Ant1_High_2462



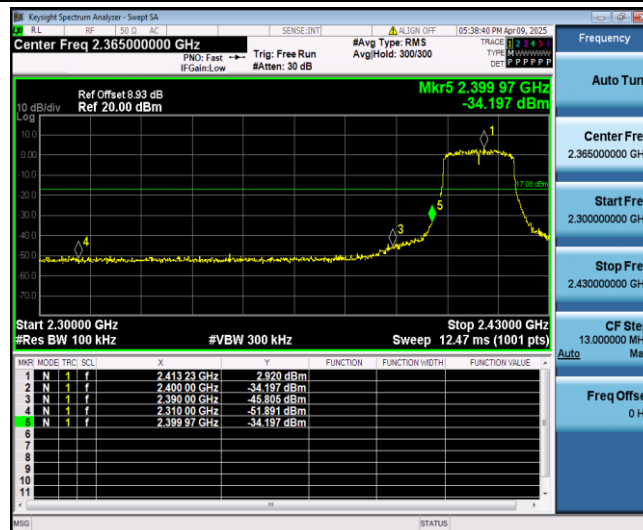
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

