

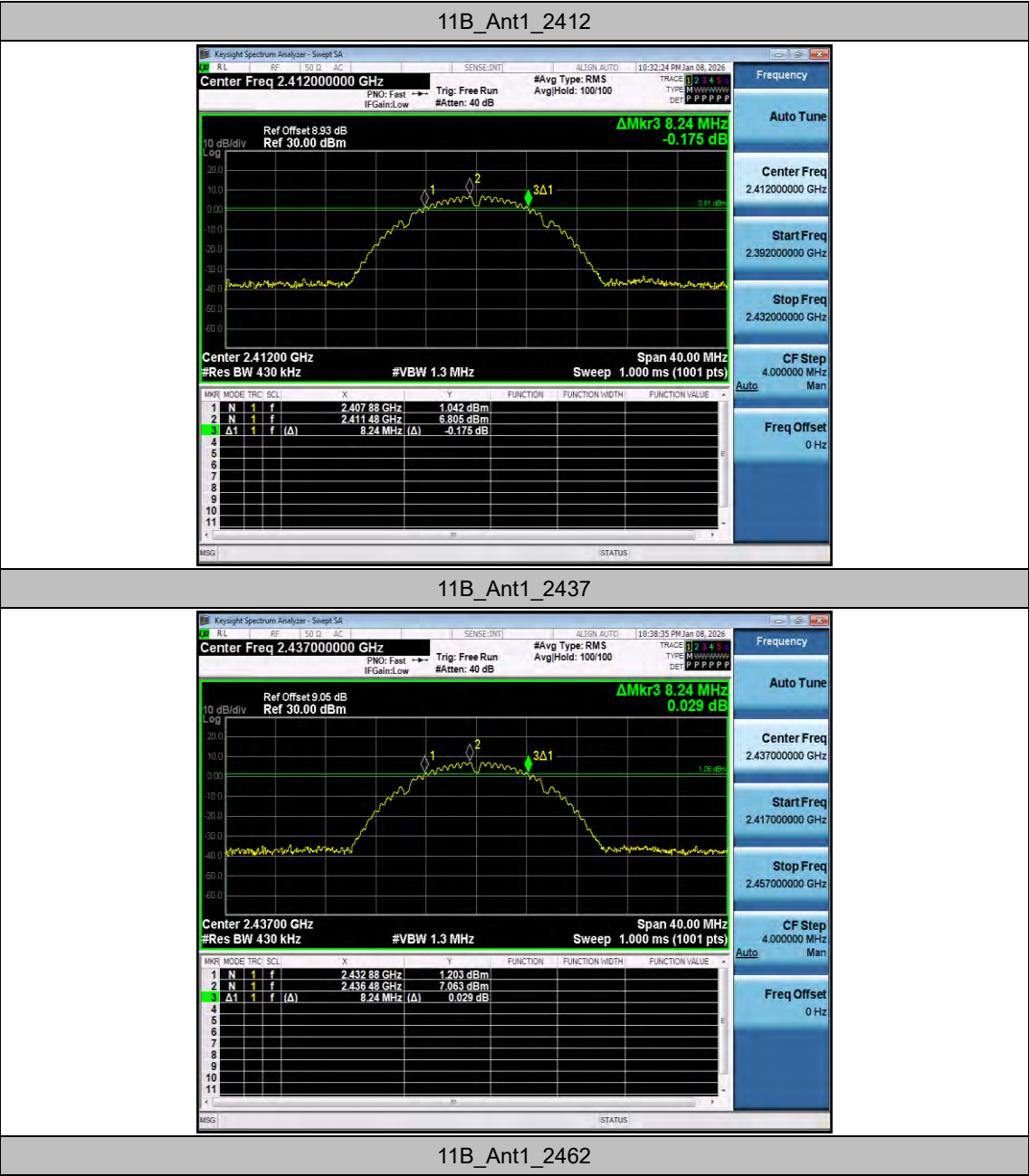
Case No. : <u>GTS20251117009-1-11</u>
Ambient Condition: <u>21℃,47%RH,</u>
Test Date: <u>2025.11.26-2026.2.4</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.240	2407.880	2416.120	0.5	PASS
		2437	8.240	2432.880	2441.120	0.5	PASS
		2462	8.200	2457.880	2466.080	0.5	PASS
11G	Ant1	2412	16.400	2403.760	2420.160	0.5	PASS
		2437	16.200	2428.920	2445.120	0.5	PASS
		2462	16.240	2453.880	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.160	2420.760	0.5	PASS
		2437	17.520	2428.240	2445.760	0.5	PASS
		2462	17.520	2453.200	2470.720	0.5	PASS
11N40SISO	Ant1	2422	35.840	2404.080	2439.920	0.5	PASS
		2437	35.680	2419.160	2454.840	0.5	PASS
		2452	35.760	2434.160	2469.920	0.5	PASS
11AX20SISO	Ant1	2412	18.800	2402.480	2421.280	0.5	PASS
		2437	18.880	2427.680	2446.560	0.5	PASS
		2462	18.640	2452.640	2471.280	0.5	PASS
11AX40SISO	Ant1	2422	36.880	2403.600	2440.480	0.5	PASS
		2437	36.560	2419.080	2455.640	0.5	PASS
		2452	34.480	2434.240	2468.720	0.5	PASS

Test Graphs



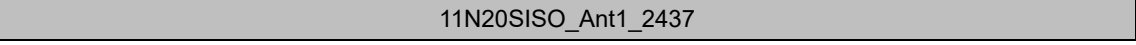
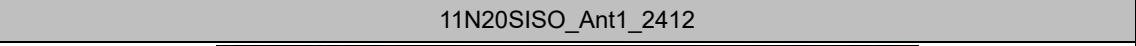


11G_Ant1_2412



11G_Ant1_2437







11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



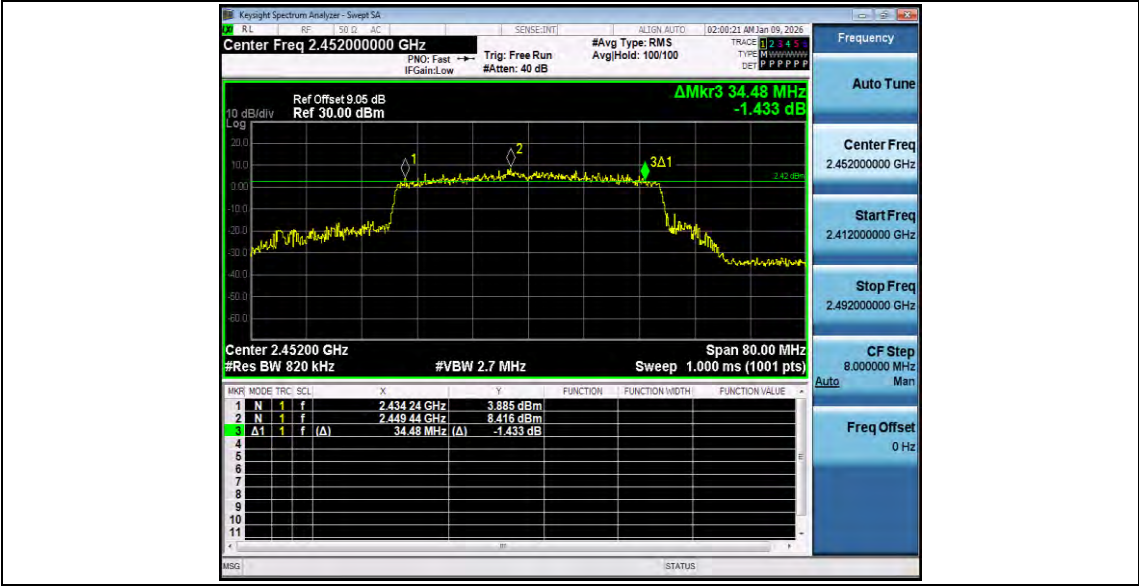
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



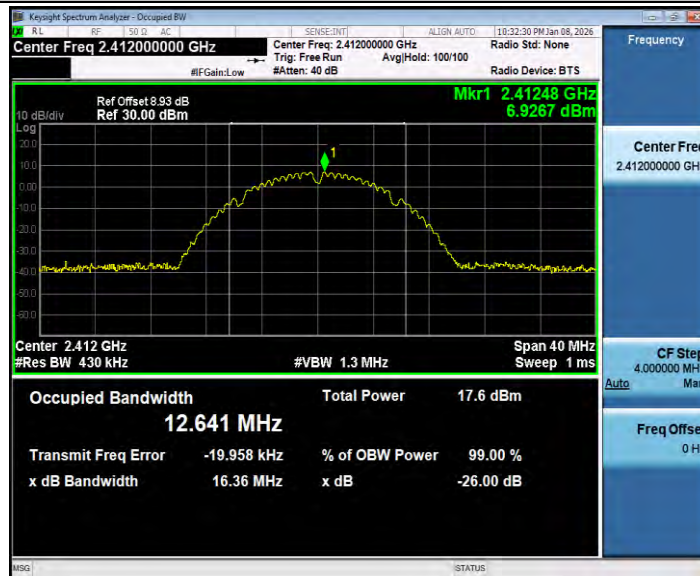
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.641	2405.6595	2418.3005	---	---
		2437	12.616	2430.7047	2443.3207	---	---
		2462	12.556	2455.7027	2468.2587	---	---
11G	Ant1	2412	17.259	2403.4699	2420.7289	---	---
		2437	17.282	2428.3793	2445.6613	---	---
		2462	17.166	2453.3774	2470.5434	---	---
11N20SISO	Ant1	2412	18.169	2402.9704	2421.1394	---	---
		2437	18.411	2427.7981	2446.2091	---	---
		2462	18.199	2452.8853	2471.0843	---	---
11N40SISO	Ant1	2422	36.590	2403.8192	2440.4092	---	---
		2437	36.717	2418.6341	2455.3511	---	---
		2452	36.419	2433.7239	2470.1429	---	---
11AX20SISO	Ant1	2412	19.013	2402.5021	2421.5151	---	---
		2437	19.146	2427.4144	2446.5604	---	---
		2462	19.177	2452.3911	2471.5681	---	---
11AX40SISO	Ant1	2422	37.867	2403.1785	2441.0455	---	---
		2437	37.950	2418.0138	2455.9638	---	---
		2452	37.842	2433.0755	2470.9175	---	---

Test Graphs

11B_Ant1_2412



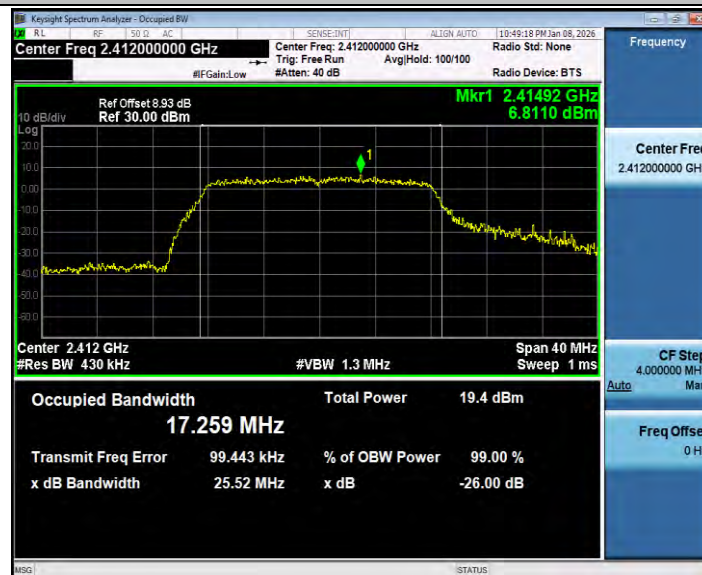
11B_Ant1_2437



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



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

TestMode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	17.57	≤30.00	PASS
		2437	17.74	≤30.00	PASS
		2462	18.20	≤30.00	PASS
11G	Ant1	2412	20.46	≤30.00	PASS
		2437	20.72	≤30.00	PASS
		2462	21.05	≤30.00	PASS
11N20SISO	Ant1	2412	19.47	≤30.00	PASS
		2437	19.67	≤30.00	PASS
		2462	19.94	≤30.00	PASS
11N40SISO	Ant1	2422	19.77	≤30.00	PASS
		2437	20.00	≤30.00	PASS
		2452	20.17	≤30.00	PASS
11AX20SISO	Ant1	2412	19.56	≤30.00	PASS
		2437	19.68	≤30.00	PASS
		2462	20.09	≤30.00	PASS
11AX40SISO	Ant1	2422	19.91	≤30.00	PASS
		2437	20.15	≤30.00	PASS
		2452	20.36	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.51	≤8.00	PASS
		2437	-6.55	≤8.00	PASS
		2462	-6.73	≤8.00	PASS
11G	Ant1	2412	-11.77	≤8.00	PASS
		2437	-10.02	≤8.00	PASS
		2462	-10.28	≤8.00	PASS
11N20SISO	Ant1	2412	-12.25	≤8.00	PASS
		2437	-11.45	≤8.00	PASS
		2462	-11.88	≤8.00	PASS
11N40SISO	Ant1	2422	-14.89	≤8.00	PASS
		2437	-14.29	≤8.00	PASS
		2452	-14.56	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.29	≤8.00	PASS
		2437	-14.27	≤8.00	PASS
		2462	-12.24	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.65	≤8.00	PASS
		2437	-14.95	≤8.00	PASS
		2452	-13.47	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



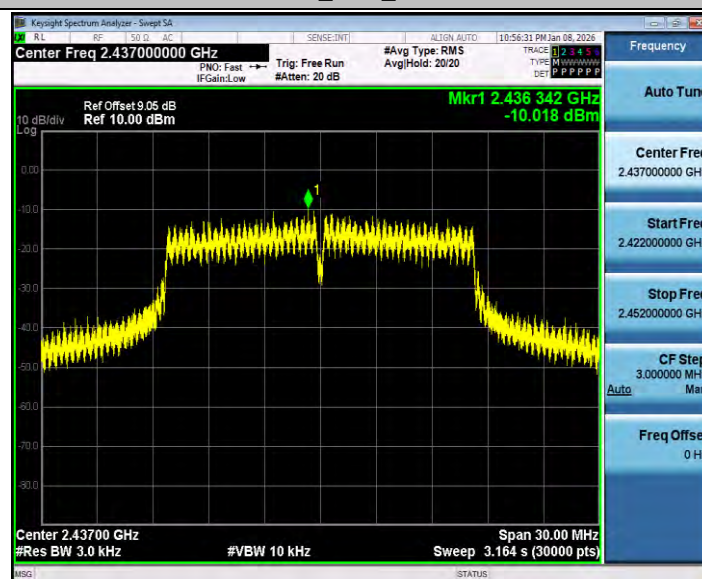
11B_Ant1_2462



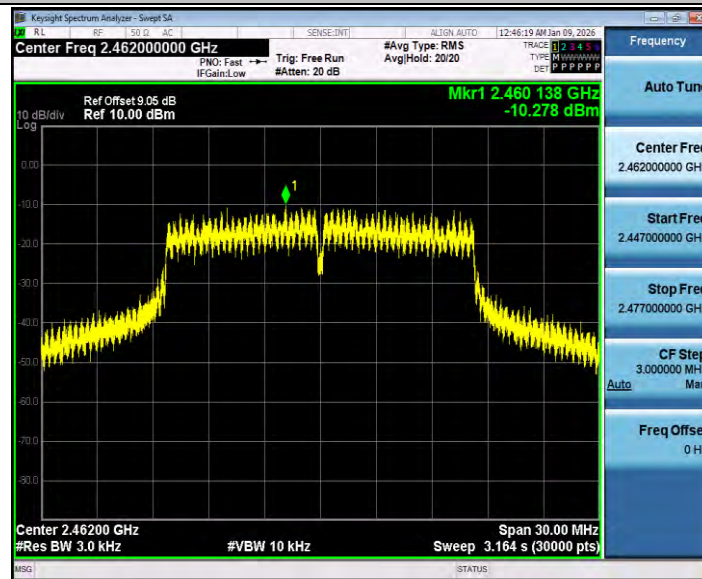
11G_Ant1_2412



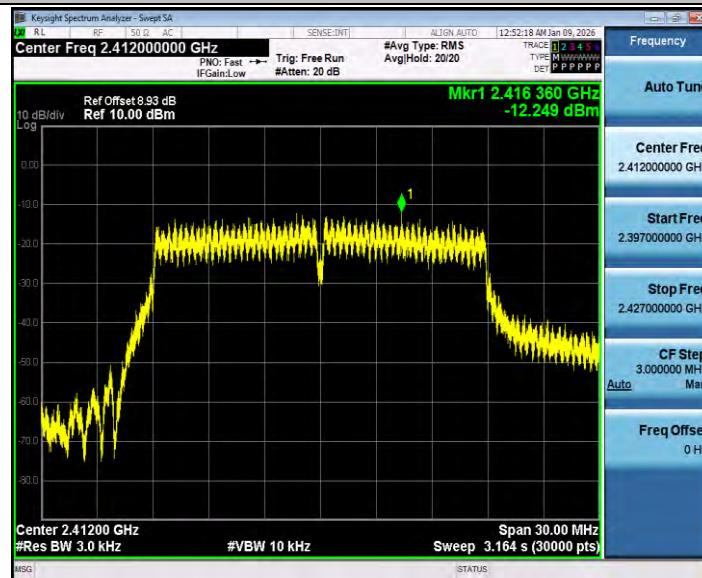
11G_Ant1_2437



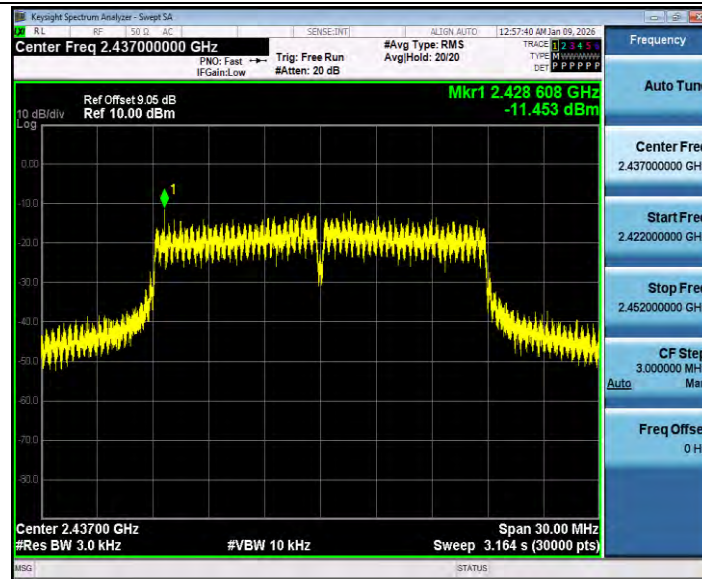
11G_Ant1_2462



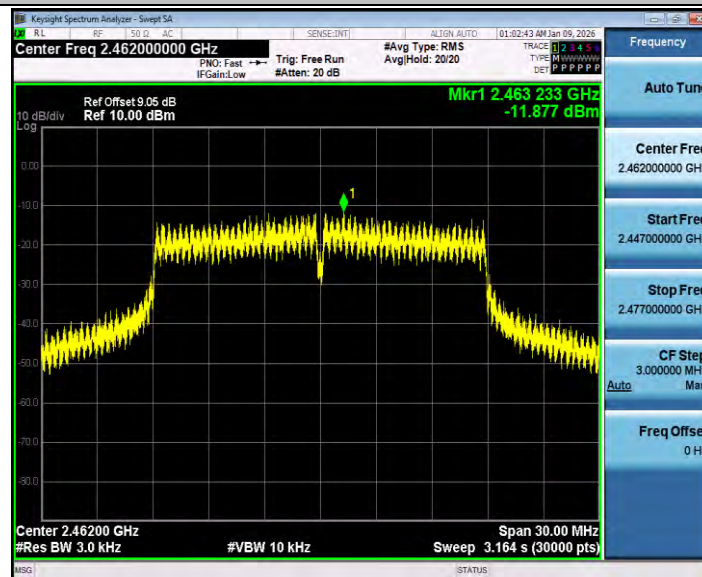
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



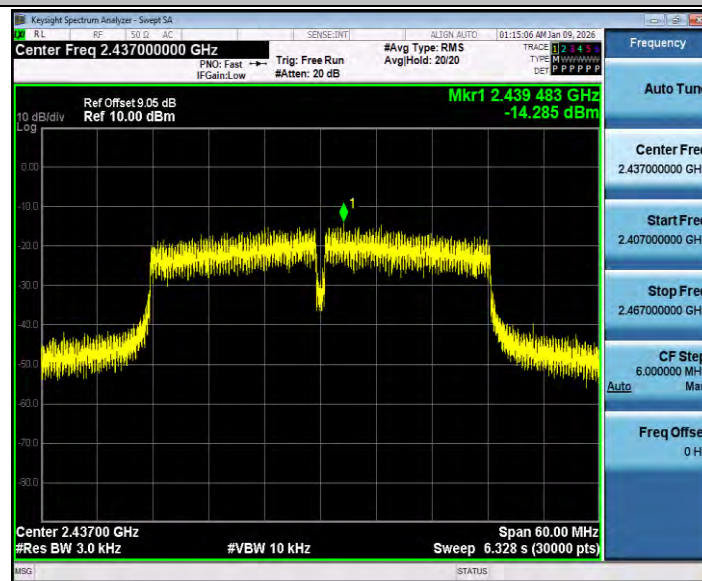
11N20SISO_Ant1_2462



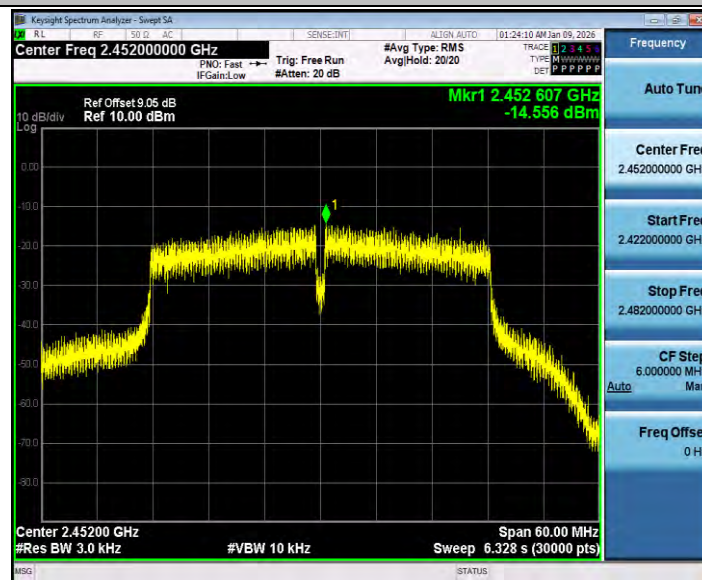
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



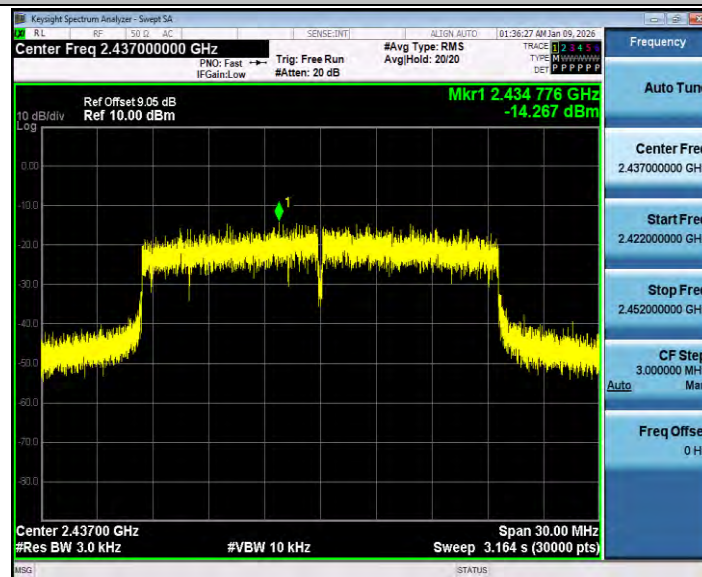
11N40SISO_Ant1_2452



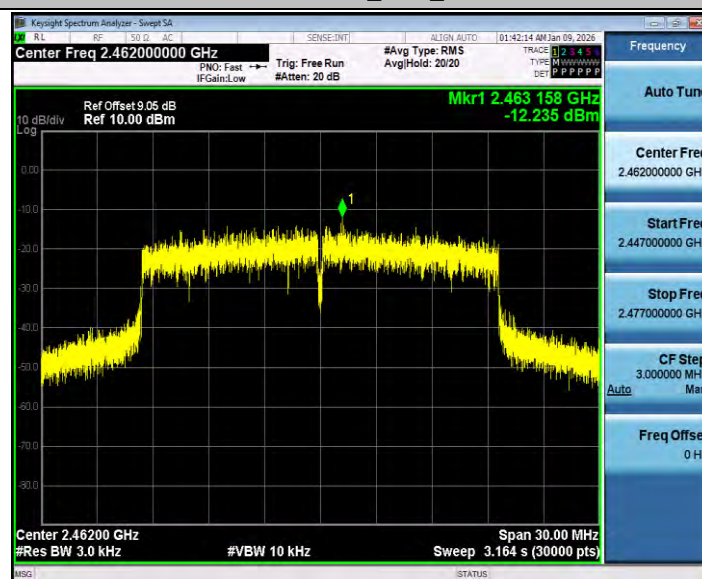
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



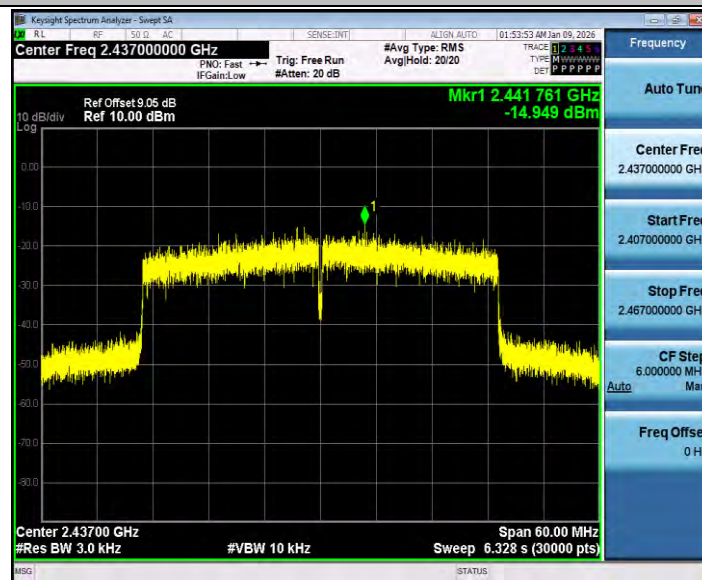
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

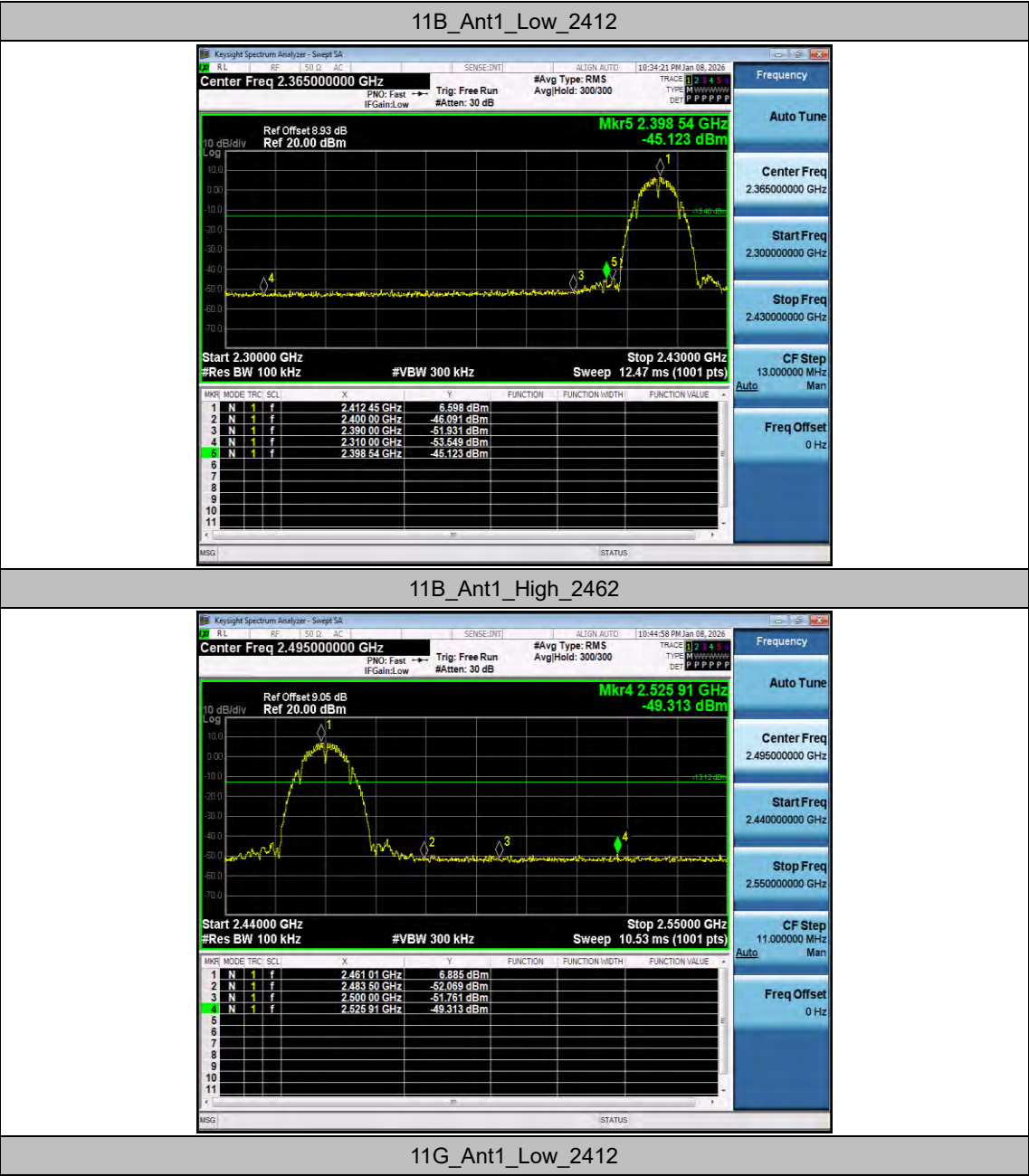


Appendix C.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.60	-45.12	≤-13.4	PASS
		High	2462	6.89	-49.31	≤-13.12	PASS
11G	Ant1	Low	2412	2.53	-41.69	≤-17.47	PASS
		High	2462	3.43	-48.63	≤-16.57	PASS
11N20SISO	Ant1	Low	2412	1.56	-42.29	≤-18.44	PASS
		High	2462	2.24	-48.45	≤-17.76	PASS
11N40SISO	Ant1	Low	2422	-0.34	-35.25	≤-20.34	PASS
		High	2452	0.29	-47.25	≤-19.71	PASS
11AX20SISO	Ant1	Low	2412	2.01	-45.48	≤-17.99	PASS
		High	2462	2.98	-49.57	≤-17.02	PASS
11AX40SISO	Ant1	Low	2422	-0.37	-35.92	≤-20.37	PASS
		High	2452	0.28	-44.03	≤-19.72	PASS

Test Graphs



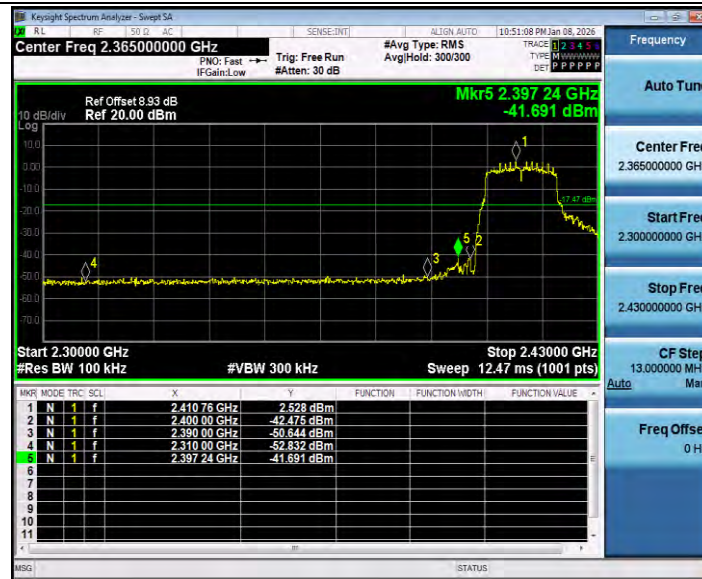
11B_Ant1_High_2462

Frequency

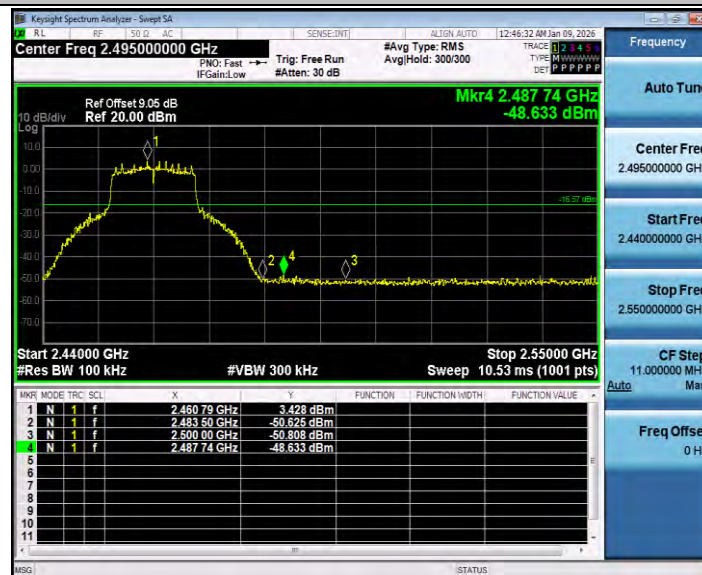
Auto Tune

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2.495000000 GHzStart Freq
2.440000000 GHzStop Freq
2.550000000 GHzCF Step
11.000000 MHz
AutoFreq Offset
0 Hz

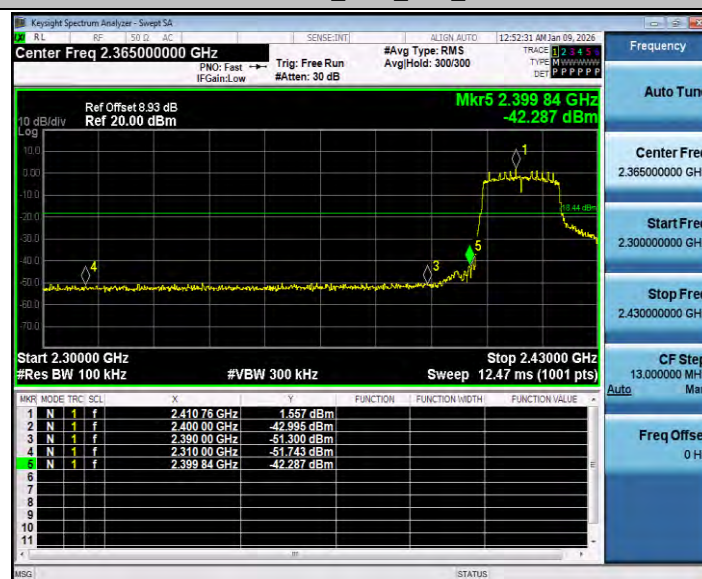
11G_Ant1_Low_2412



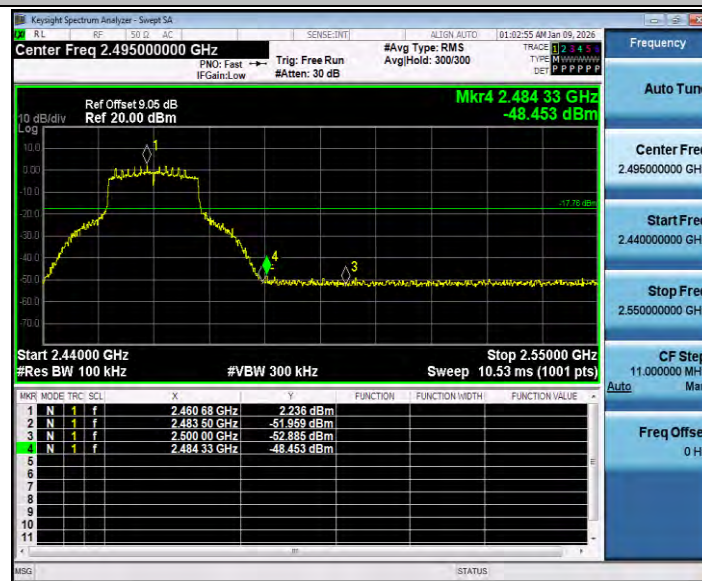
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



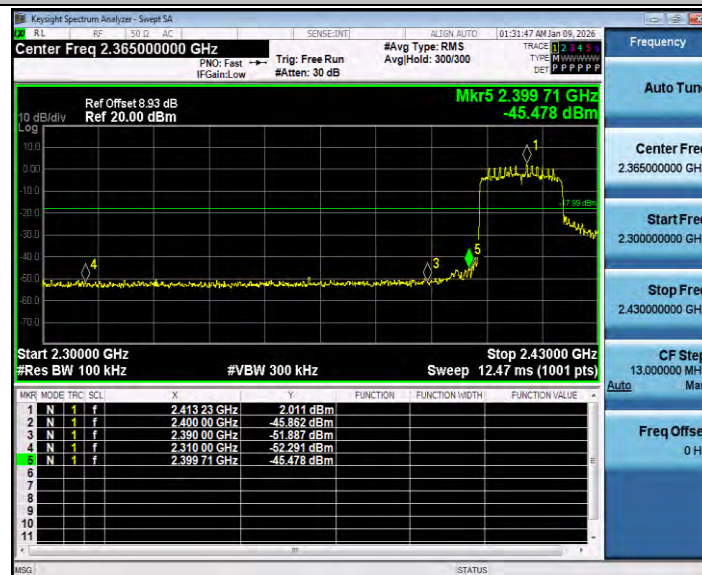
11N40SISO_Ant1_Low_2422



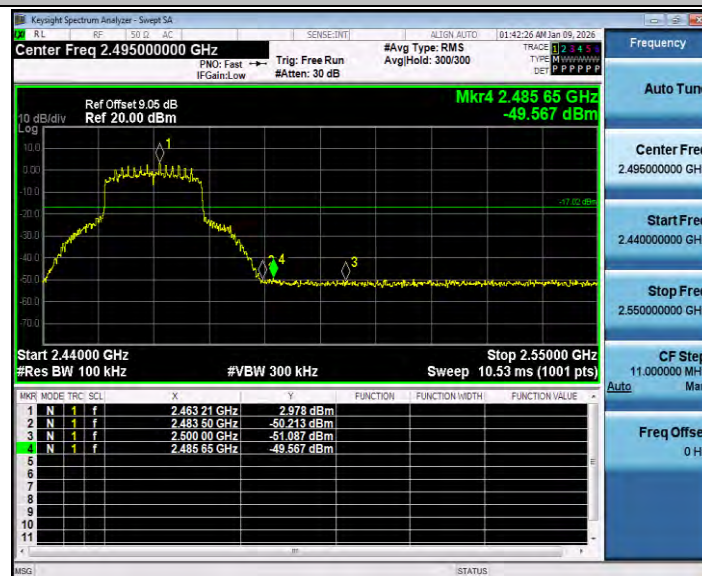
11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

