

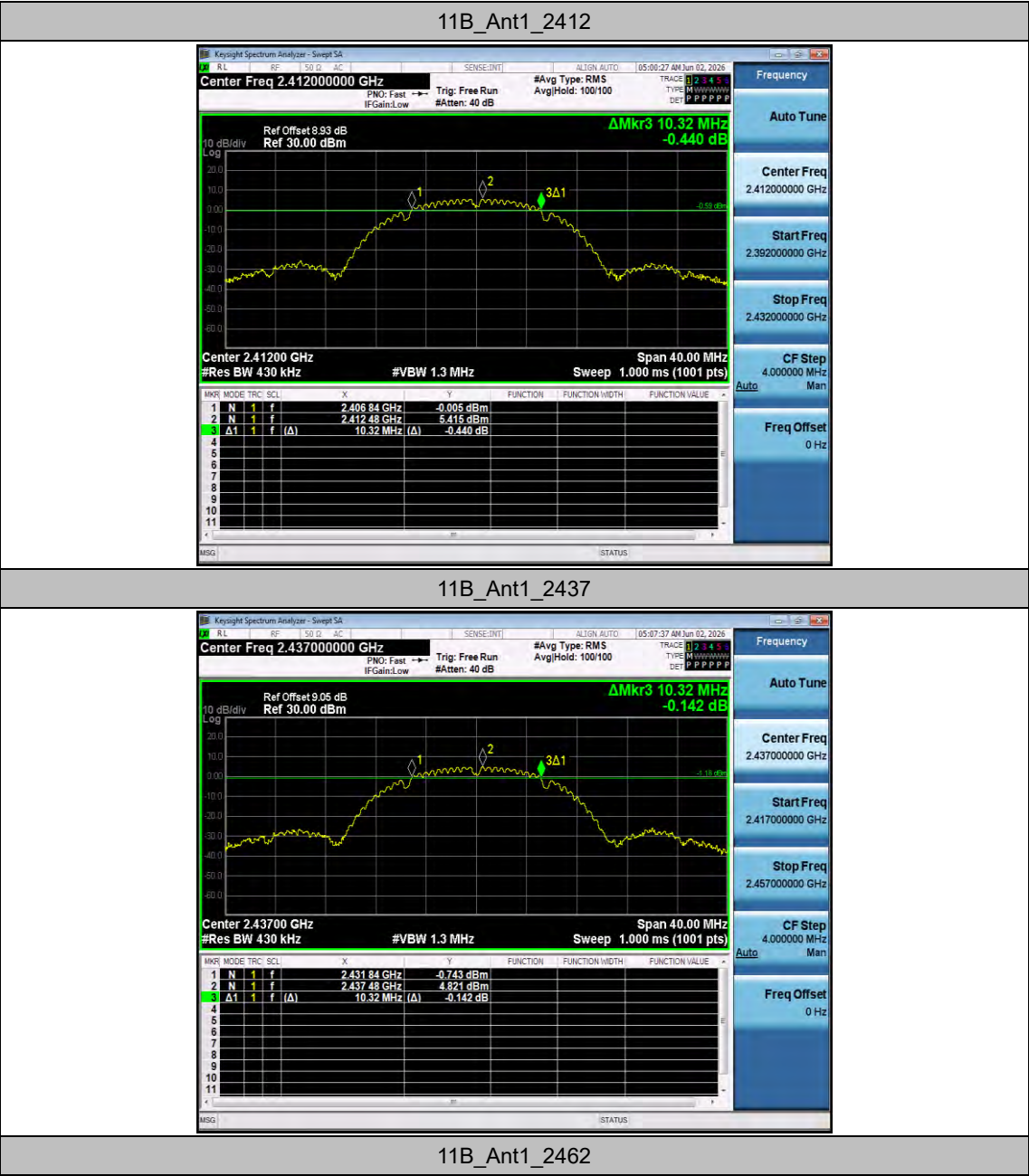
Case No. : <u>GTS20260525017-1-03</u>
Ambient Condition: <u>23℃,59%RH,</u>
Test Date: <u>2026.6.2</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.320	2406.840	2417.160	0.5	PASS
		2437	10.320	2431.840	2442.160	0.5	PASS
		2462	10.320	2456.840	2467.160	0.5	PASS
11G	Ant1	2412	16.480	2403.720	2420.200	0.5	PASS
		2437	16.400	2428.800	2445.200	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.200	2403.360	2420.560	0.5	PASS
		2437	17.520	2428.240	2445.760	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.160	2403.840	2440.000	0.5	PASS
		2437	36.000	2419.000	2455.000	0.5	PASS
		2452	36.000	2434.000	2470.000	0.5	PASS

Test Graphs



11B_Ant1_2437

Frequency

Auto Tune

Center Freq
2.437000000 GHzStart Freq
2.417000000 GHzStop Freq
2.457000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

11B_Ant1_2462



11G_Ant1_2412



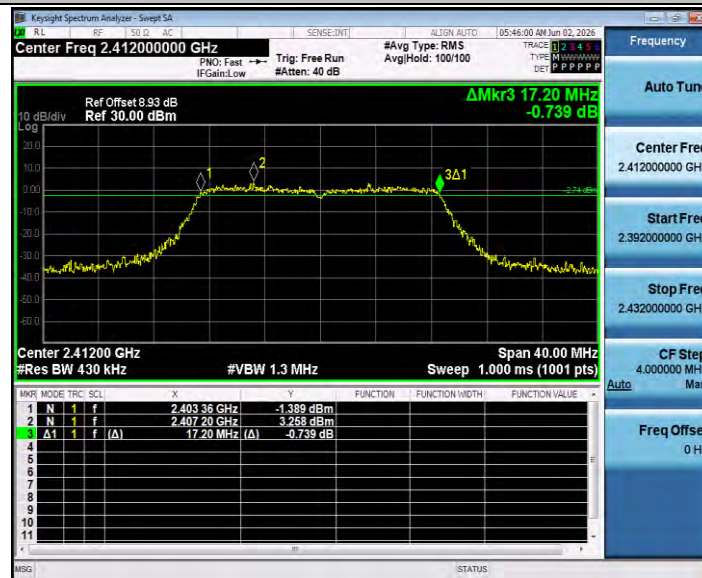
11G_Ant1_2437



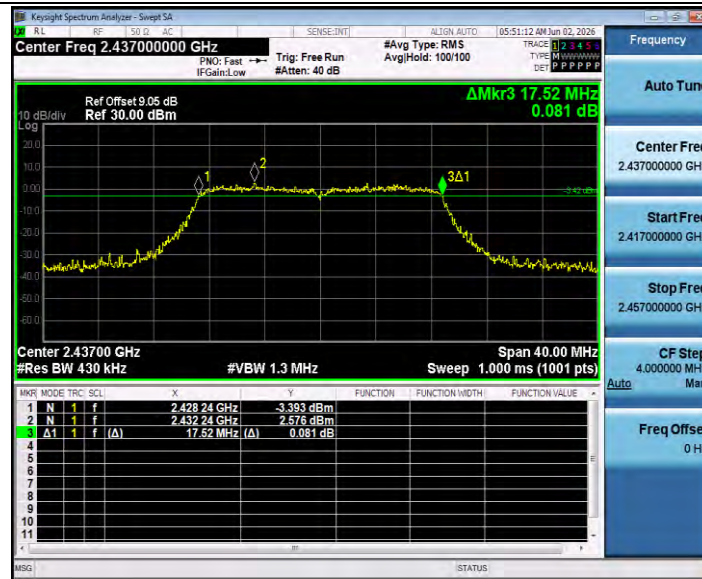
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



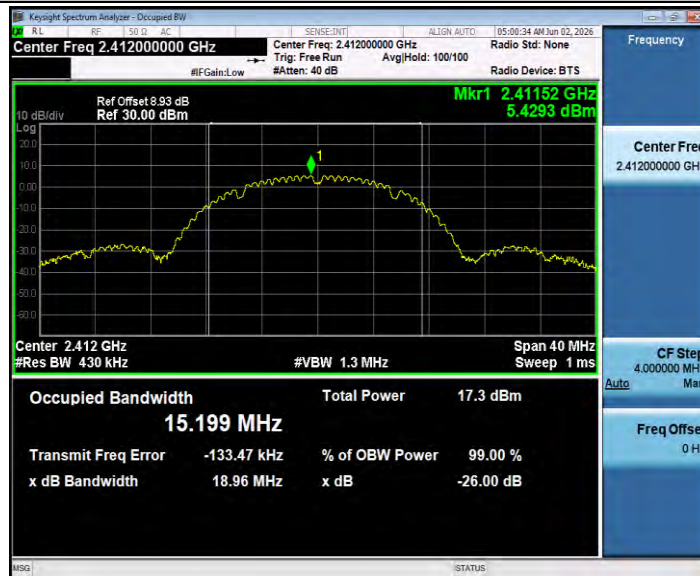
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.199	2404.2670	2419.4660	---	---
		2437	15.265	2429.2624	2444.5274	---	---
		2462	15.213	2454.3049	2469.5179	---	---
11G	Ant1	2412	16.972	2403.4974	2420.4694	---	---
		2437	17.022	2428.4845	2445.5065	---	---
		2462	16.960	2453.4979	2470.4579	---	---
11N20SISO	Ant1	2412	18.057	2402.9718	2421.0288	---	---
		2437	17.983	2427.9815	2445.9645	---	---
		2462	17.959	2453.0130	2470.9720	---	---
11N40SISO	Ant1	2422	36.436	2403.7376	2440.1736	---	---
		2437	36.402	2418.7766	2455.1786	---	---
		2452	36.398	2433.7858	2470.1838	---	---

Test Graphs

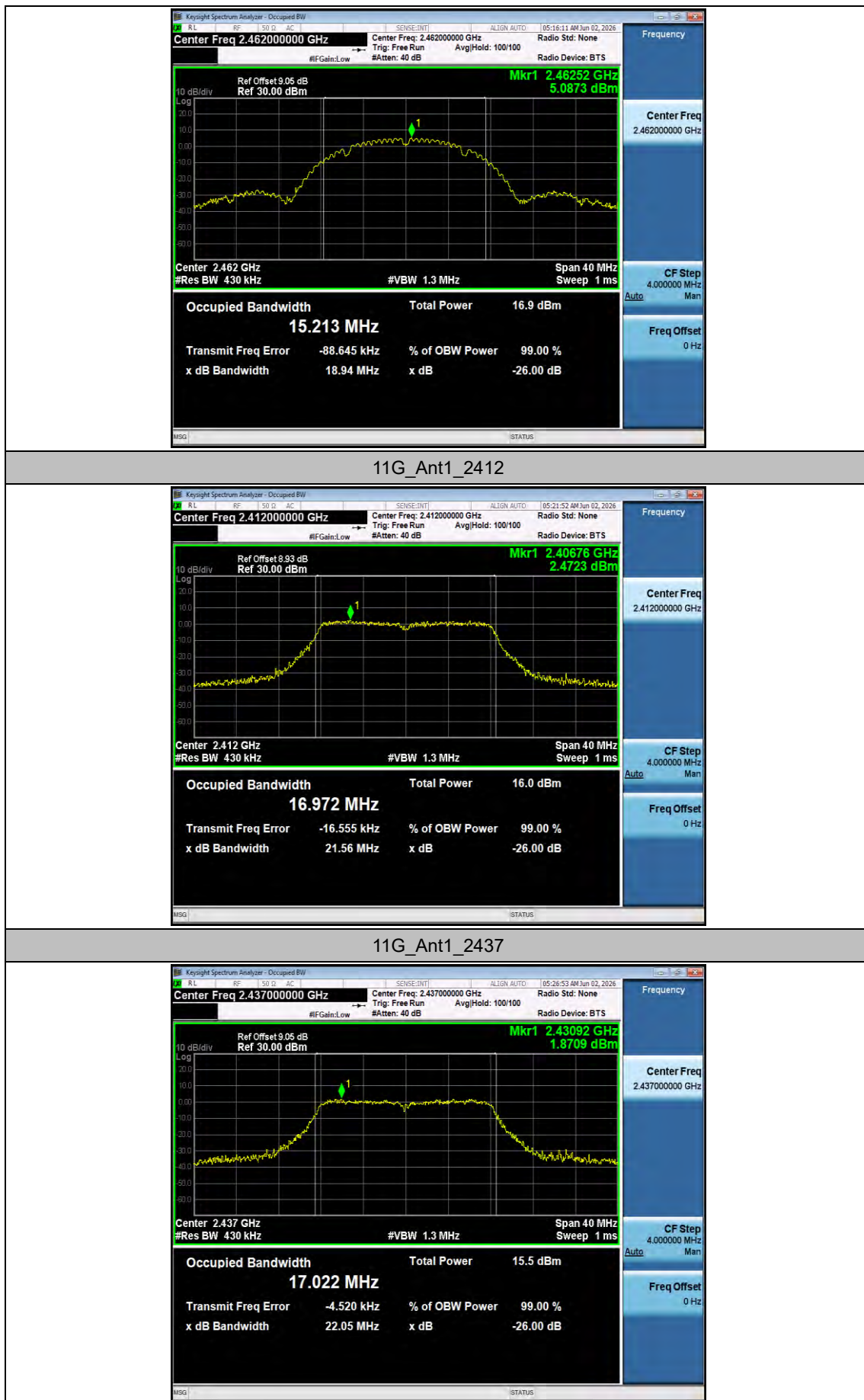
11B_Ant1_2412



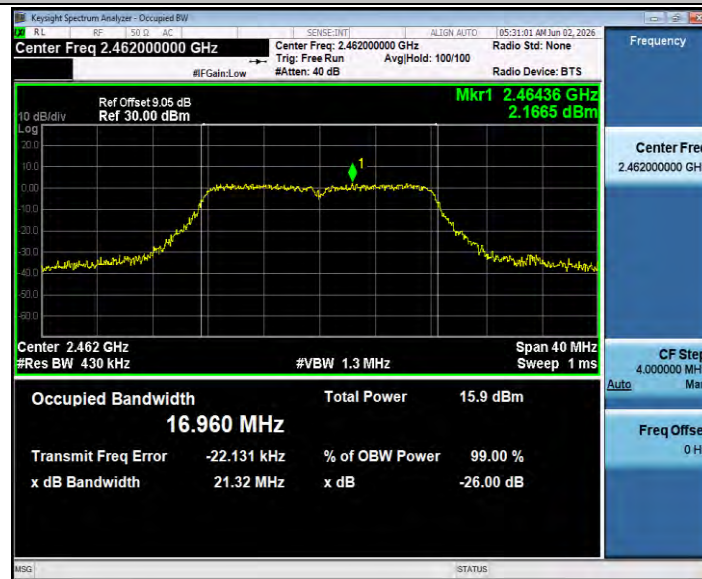
11B_Ant1_2437



11B_Ant1_2462



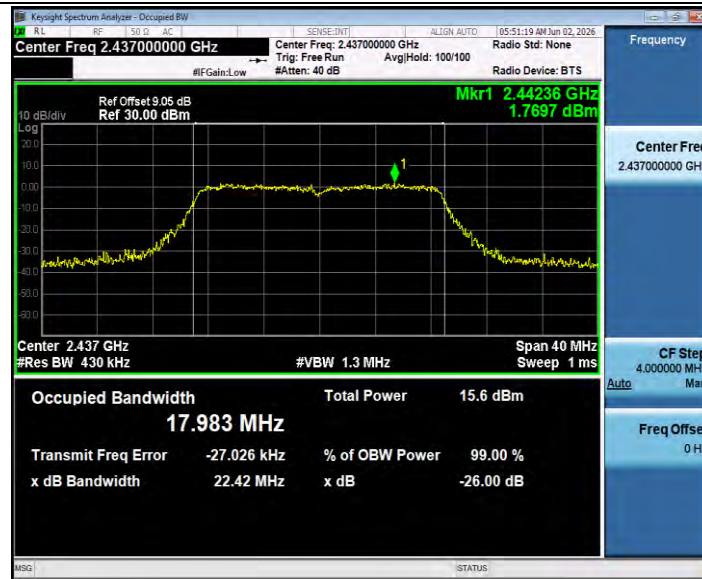
11G_Ant1_2462



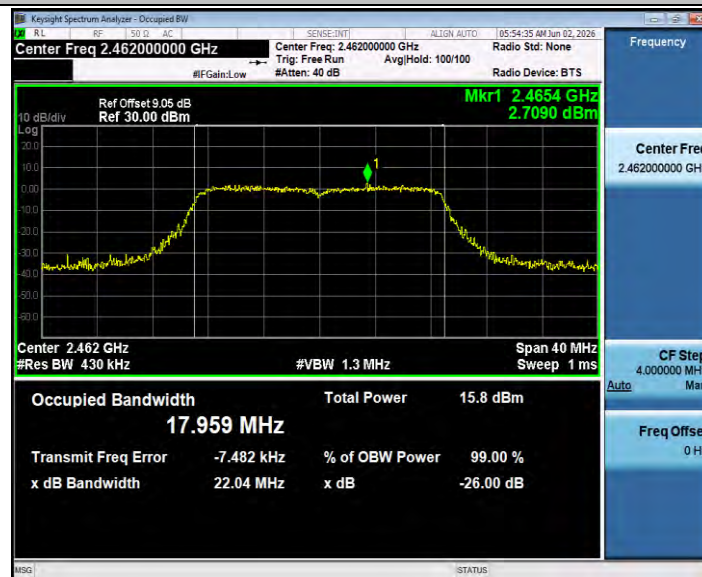
11N20SISO_Ant1_2412



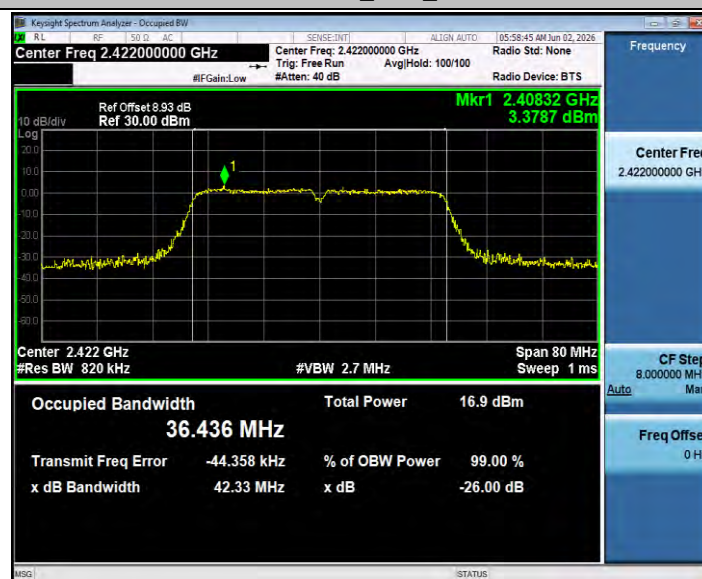
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



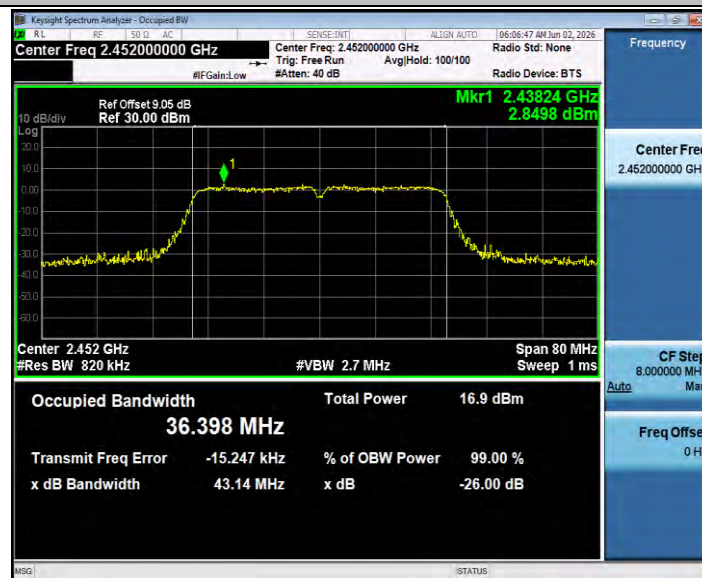
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_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	17.45	≤30.00	PASS
		2437	16.82	≤30.00	PASS
		2462	17.07	≤30.00	PASS
11G	Ant1	2412	17.16	≤30.00	PASS
		2437	16.79	≤30.00	PASS
		2462	17.08	≤30.00	PASS
11N20SISO	Ant1	2412	17.13	≤30.00	PASS
		2437	16.85	≤30.00	PASS
		2462	17.11	≤30.00	PASS
11N40SISO	Ant1	2422	17.23	≤30.00	PASS
		2437	17.15	≤30.00	PASS
		2452	17.21	≤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	-9.21	≤8.00	PASS
		2437	-10.17	≤8.00	PASS
		2462	-10.31	≤8.00	PASS
11G	Ant1	2412	-16.23	≤8.00	PASS
		2437	-16.55	≤8.00	PASS
		2462	-15.89	≤8.00	PASS
11N20SISO	Ant1	2412	-16.28	≤8.00	PASS
		2437	-16.57	≤8.00	PASS
		2462	-15.41	≤8.00	PASS
11N40SISO	Ant1	2422	-18.52	≤8.00	PASS
		2437	-18.39	≤8.00	PASS
		2452	-18.47	≤8.00	PASS

Note:

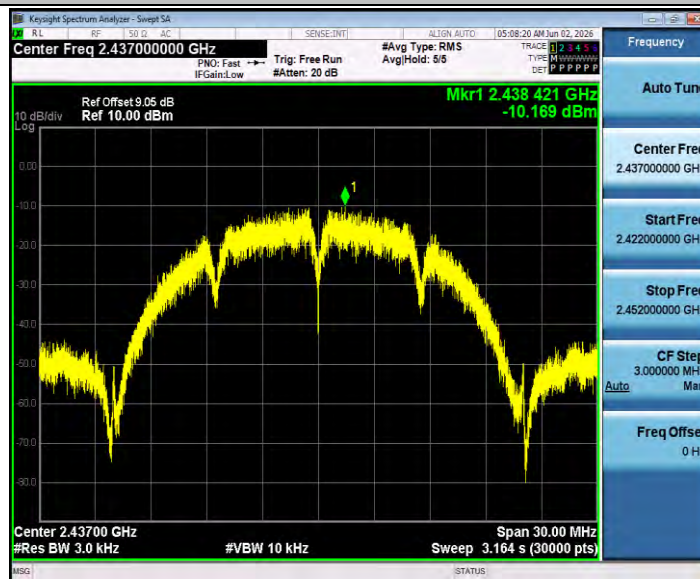
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

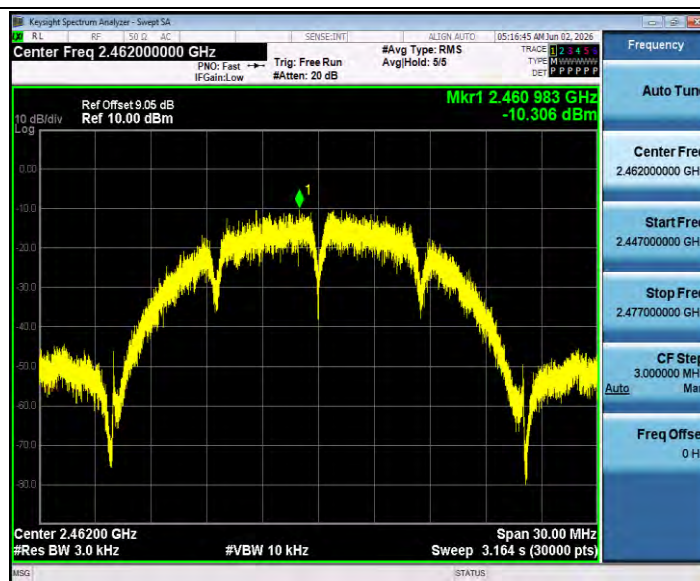
11B_Ant1_2412



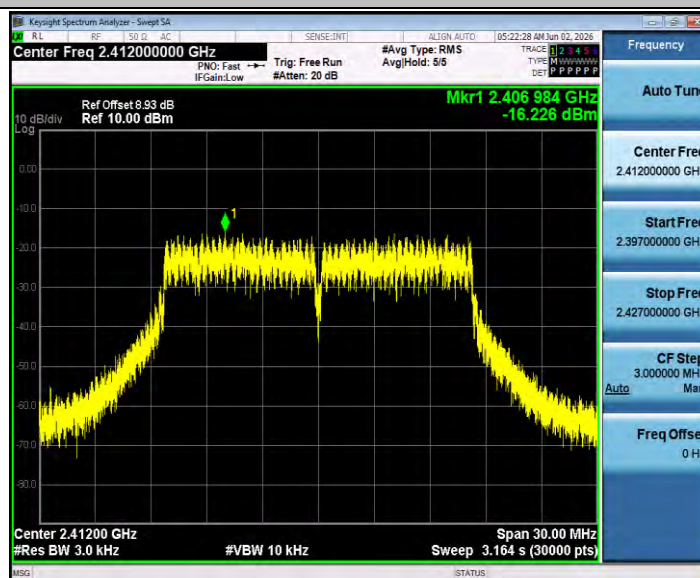
11B_Ant1_2437



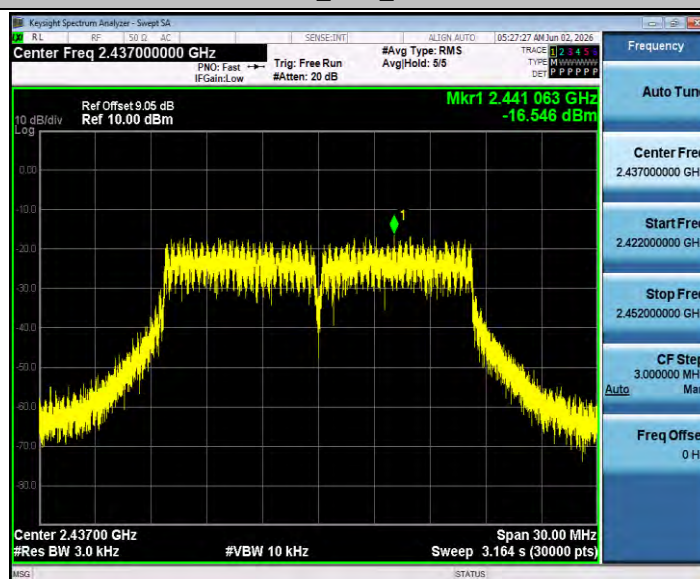
11B_Ant1_2462



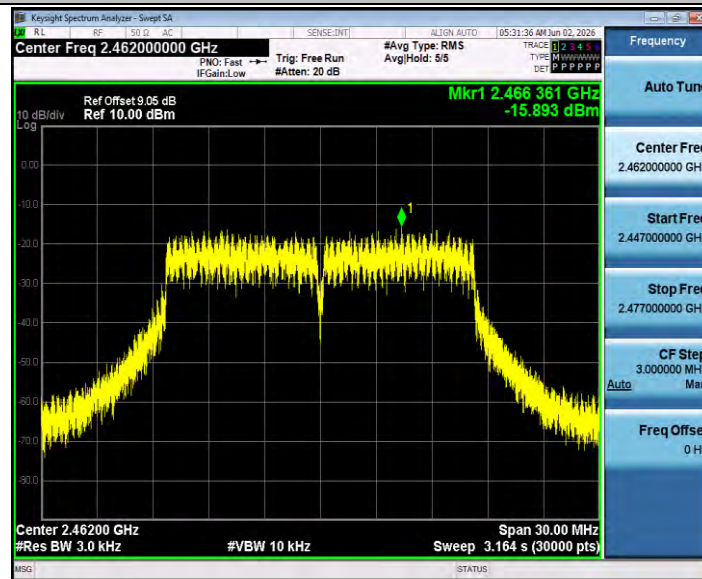
11G_Ant1_2412



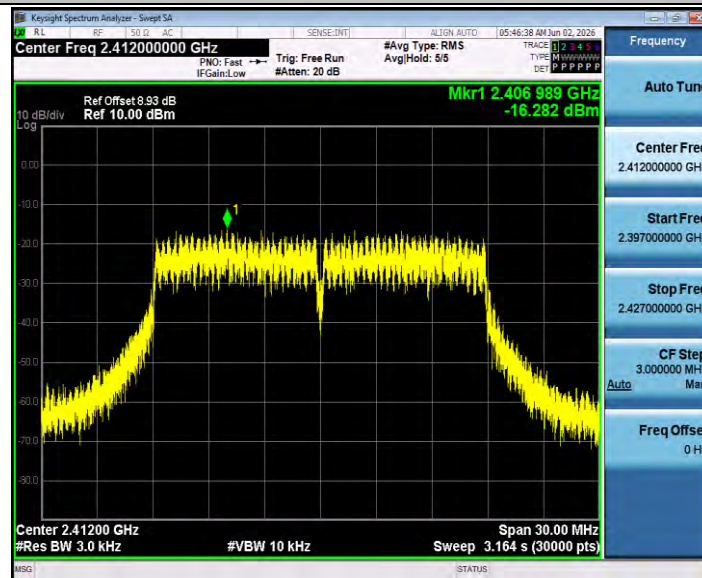
11G_Ant1_2437



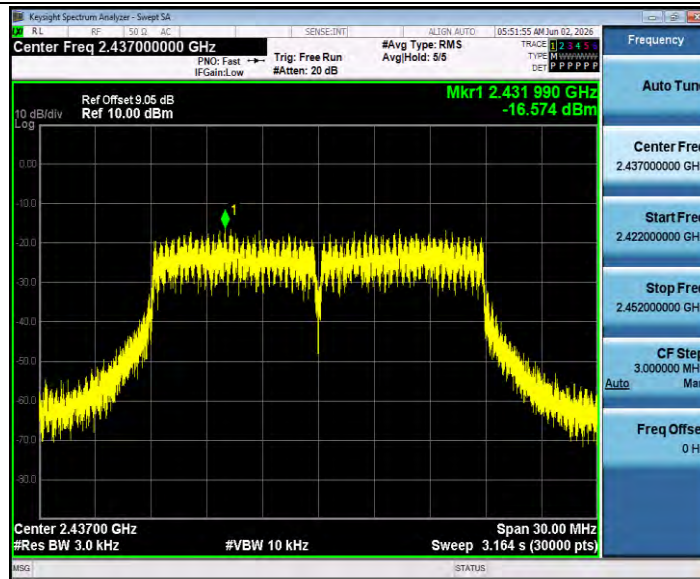
11G_Ant1_2462



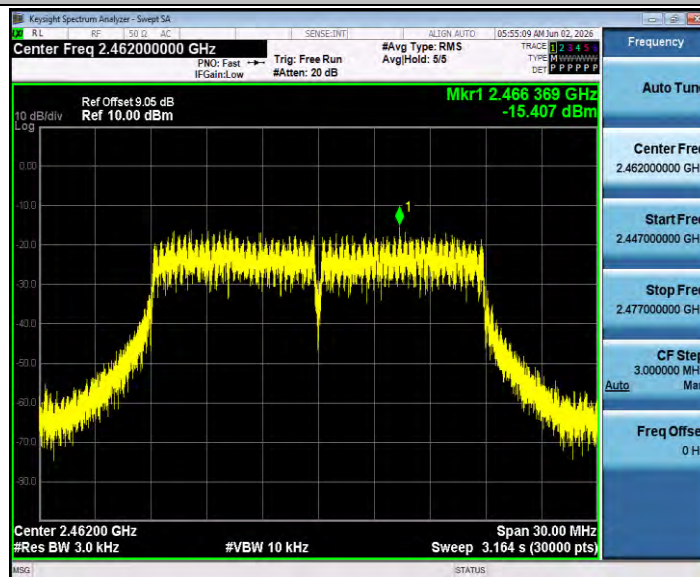
11N20SISO_Ant1_2412



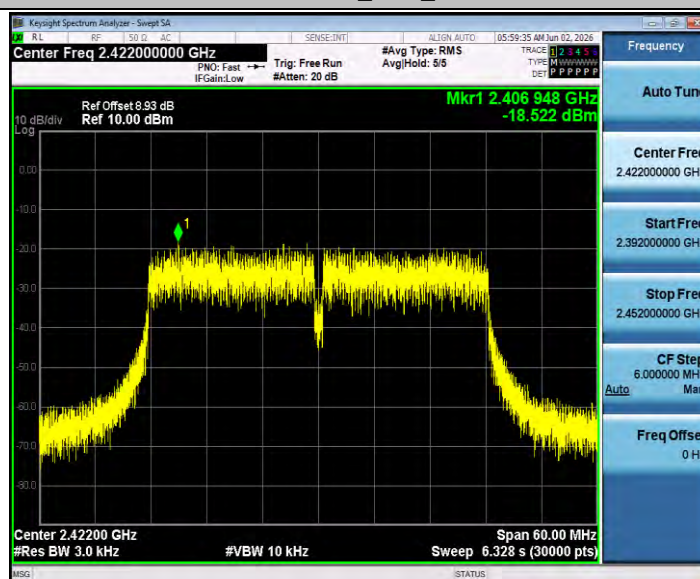
11N20SISO_Ant1_2437



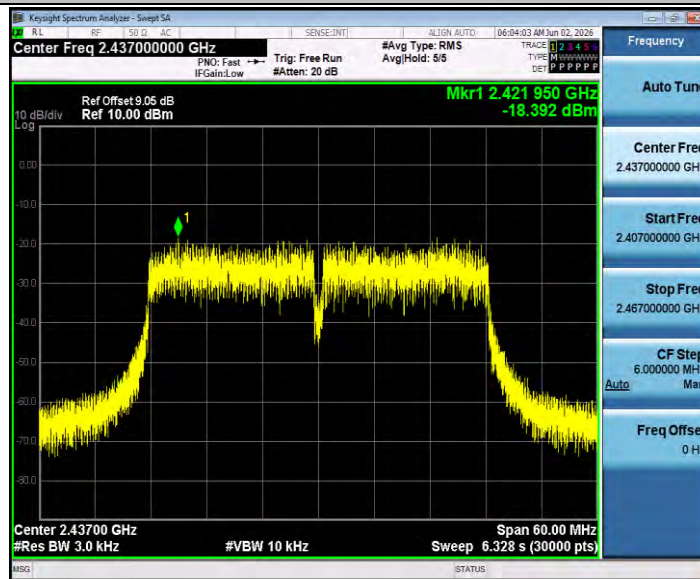
11N20SISO_Ant1_2462



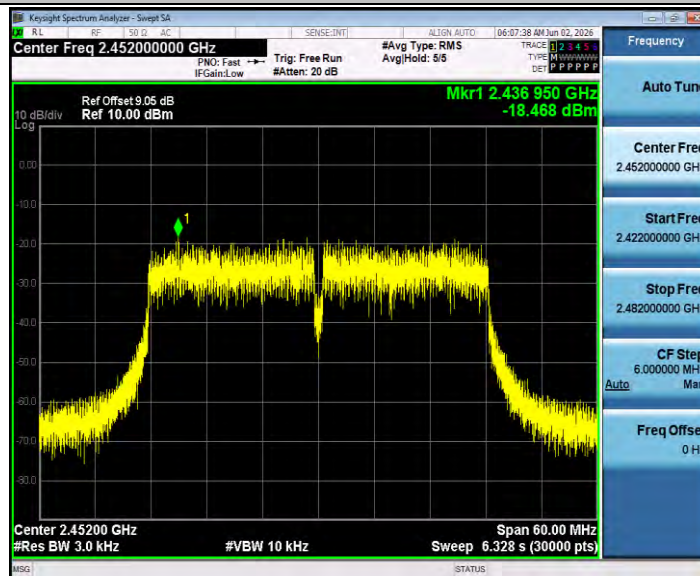
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.5:Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.02	-28.05	≤-14.98	PASS
		High	2462	4.86	-48.95	≤-15.14	PASS
11G	Ant1	Low	2412	-0.89	-34.65	≤-20.89	PASS
		High	2462	-0.99	-48.32	≤-20.99	PASS
11N20SISO	Ant1	Low	2412	-1.35	-37.35	≤-21.35	PASS
		High	2462	-0.90	-47.77	≤-20.9	PASS
11N40SISO	Ant1	Low	2422	-3.89	-37.23	≤-23.89	PASS
		High	2452	-3.91	-41.9	≤-23.91	PASS

Test Graphs

11B_Ant1_Low_2412



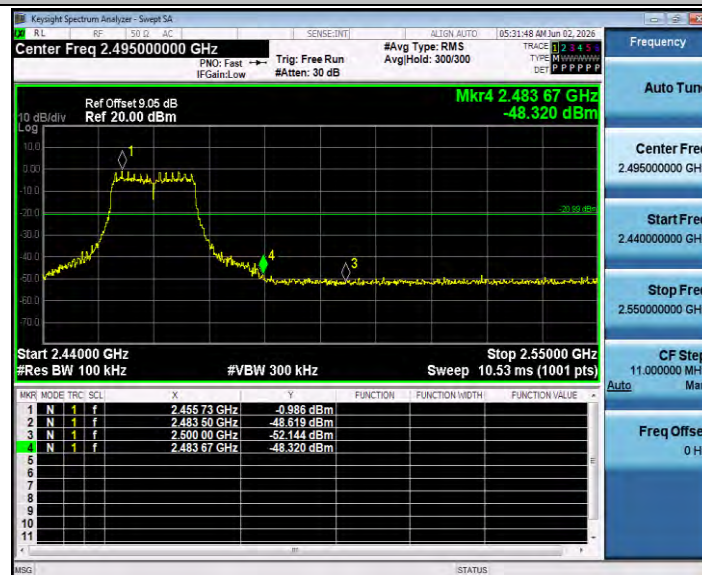
11B_Ant1_High_2462



11G_Ant1_Low_2412



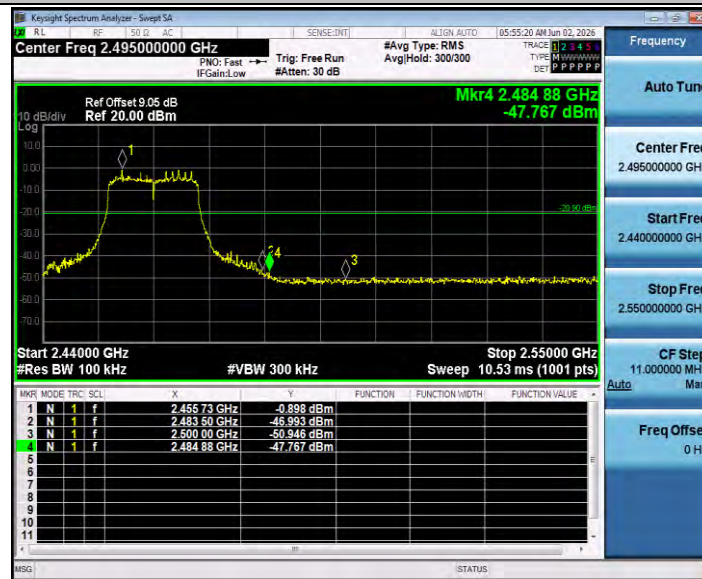
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

