

Case No. : <u>GTS20250922004-2-11</u>
Ambient Condition: <u>23℃,53%RH,</u>
Test Date: <u>2026.1.17-2026.4.14</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	2407.840	2416.080	0.5	PASS
		2437	8.200	2432.880	2441.080	0.5	PASS
		2462	8.240	2457.840	2466.080	0.5	PASS
11G	Ant1	2412	16.520	2403.760	2420.280	0.5	PASS
		2437	16.400	2428.880	2445.280	0.5	PASS
		2462	16.520	2453.760	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.120	2420.800	0.5	PASS
		2437	17.640	2428.200	2445.840	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.000	2404.080	2440.080	0.5	PASS
		2437	36.000	2419.160	2455.160	0.5	PASS
		2452	35.840	2434.240	2470.080	0.5	PASS
11AX20SISO	Ant1	2412	18.400	2402.800	2421.200	0.5	PASS
		2437	18.600	2427.720	2446.320	0.5	PASS
		2462	18.440	2452.800	2471.240	0.5	PASS
11AX40SISO	Ant1	2422	37.280	2403.680	2440.960	0.5	PASS
		2437	36.880	2418.760	2455.640	0.5	PASS
		2452	36.480	2434.160	2470.640	0.5	PASS

Test Graphs

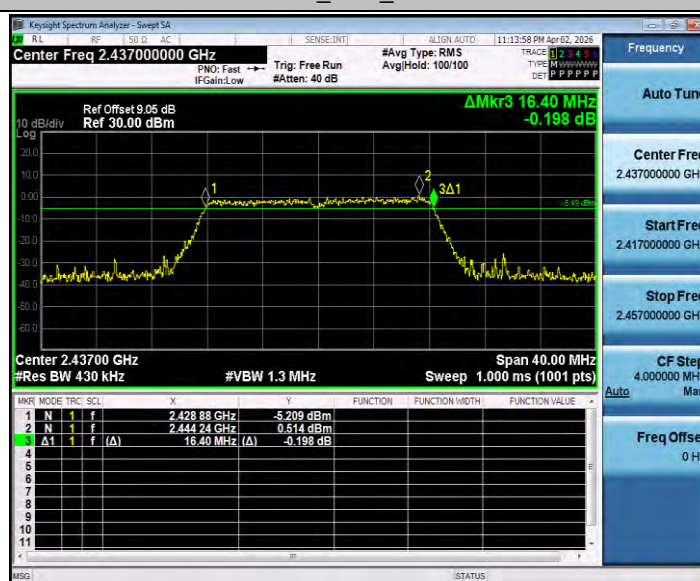




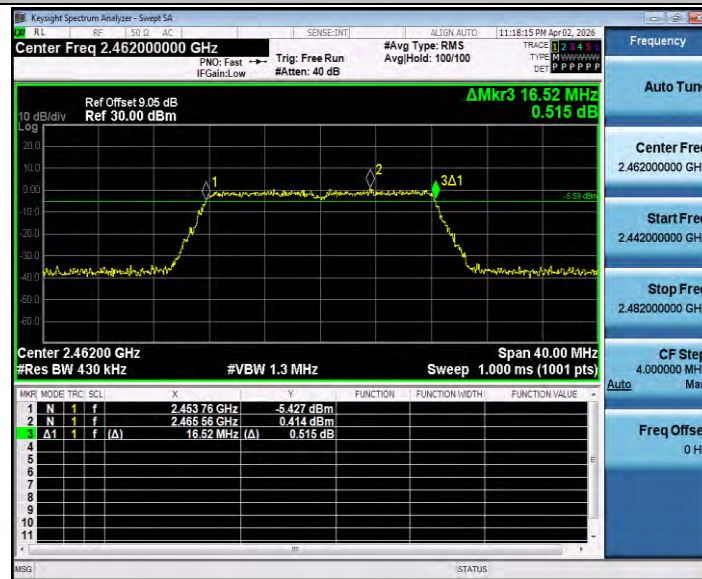
11G_Ant1_2412



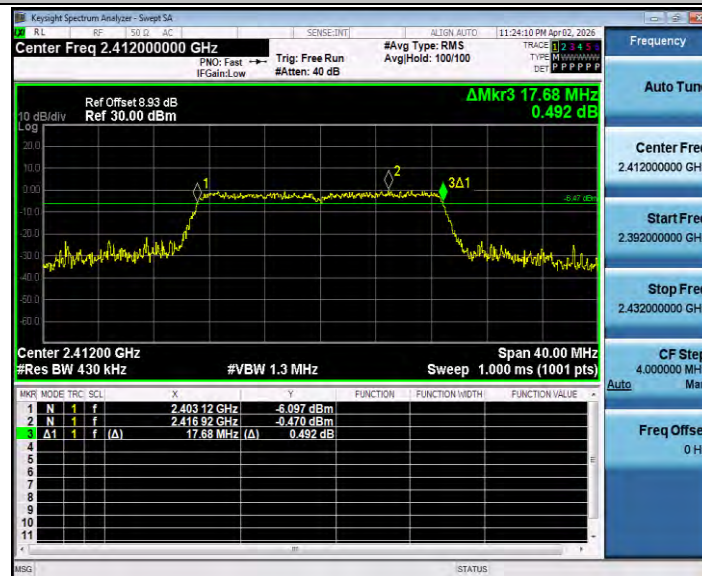
11G_Ant1_2437



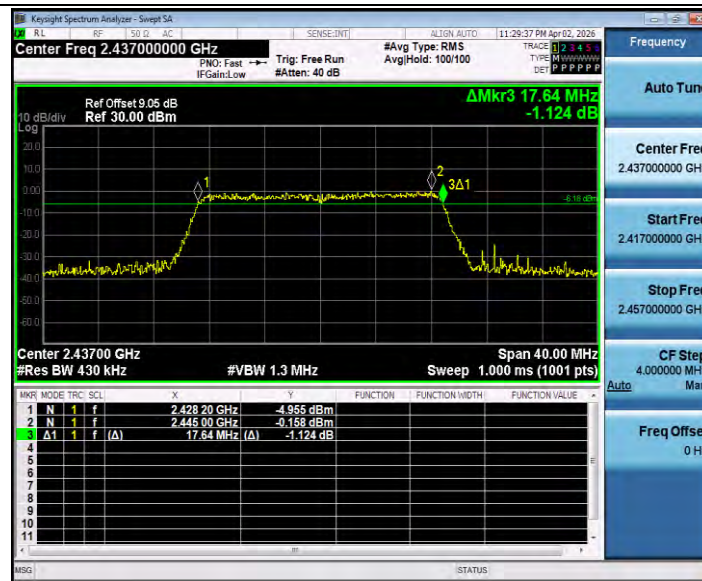
11G_Ant1_2462



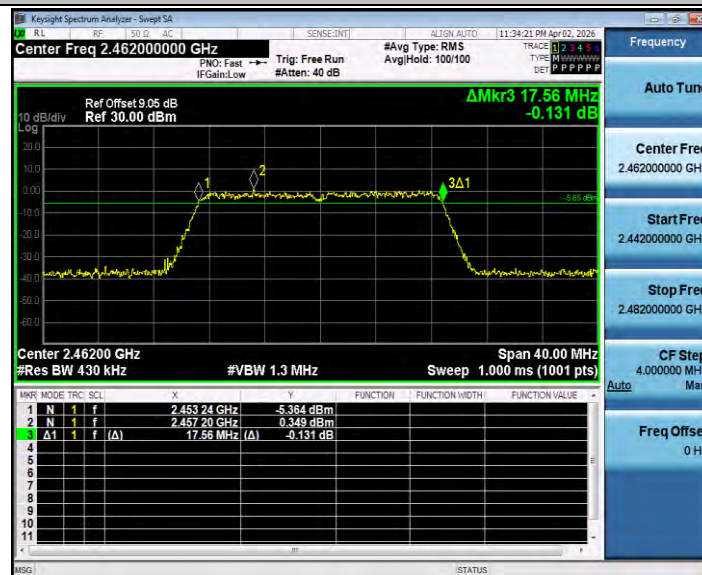
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



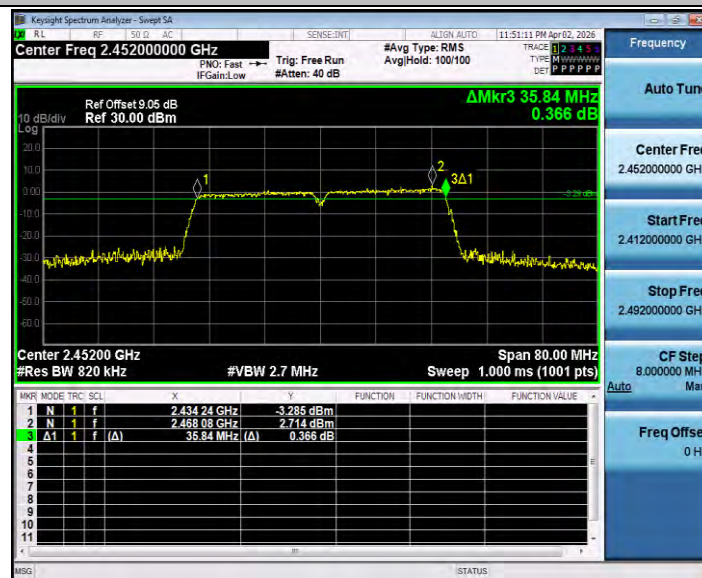
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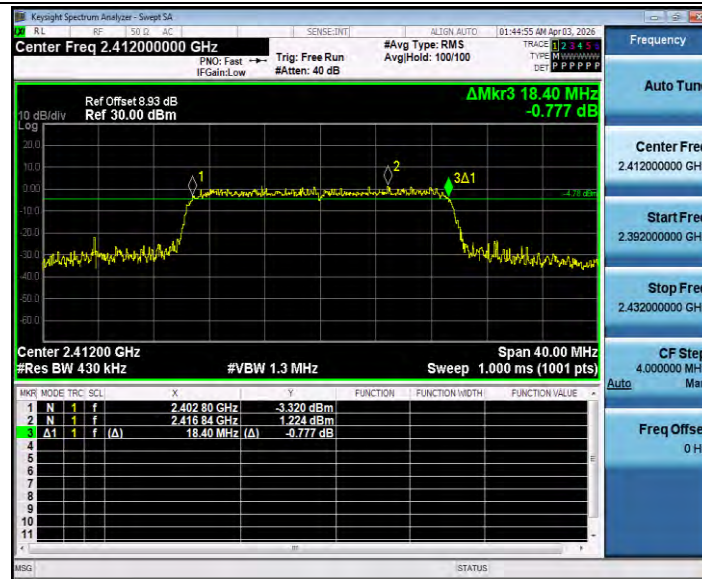
11N40SISO_Ant1_2437



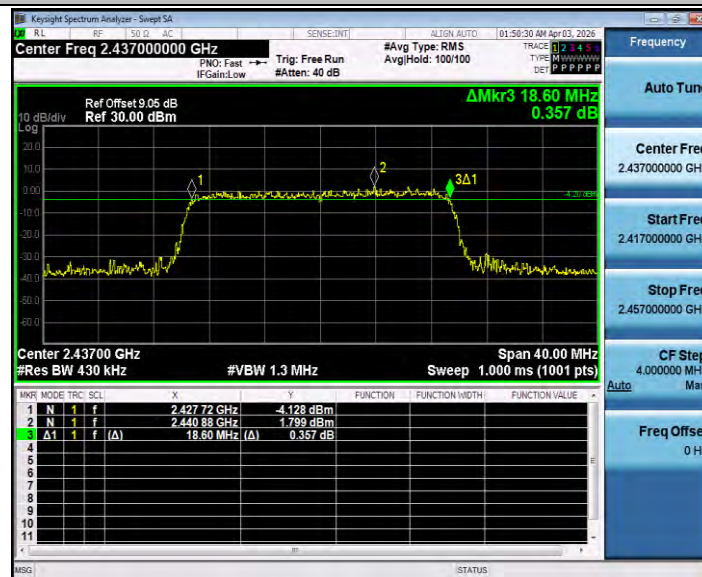
11N40SISO_Ant1_2452



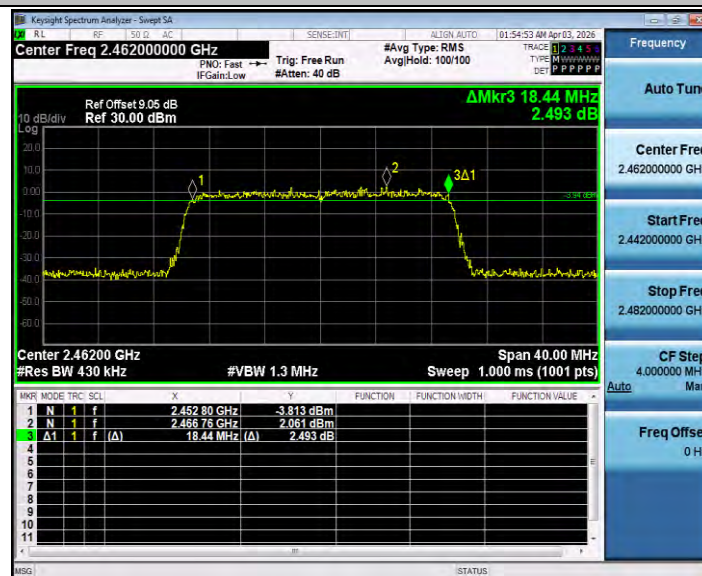
11AX20SISO_Ant1_2412



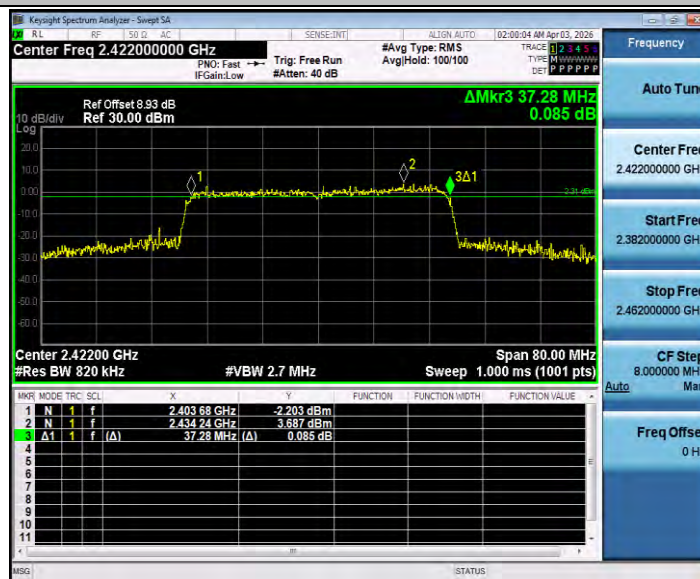
11AX20SISO_Ant1_2437



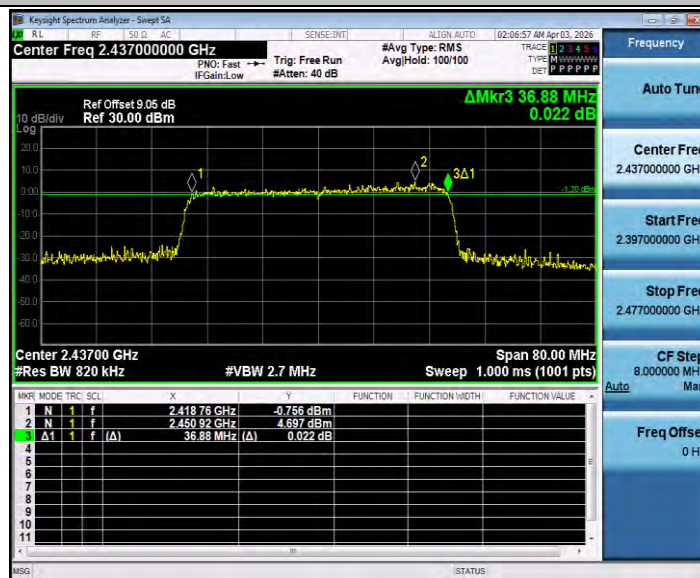
11AX20SISO_Ant1_2462



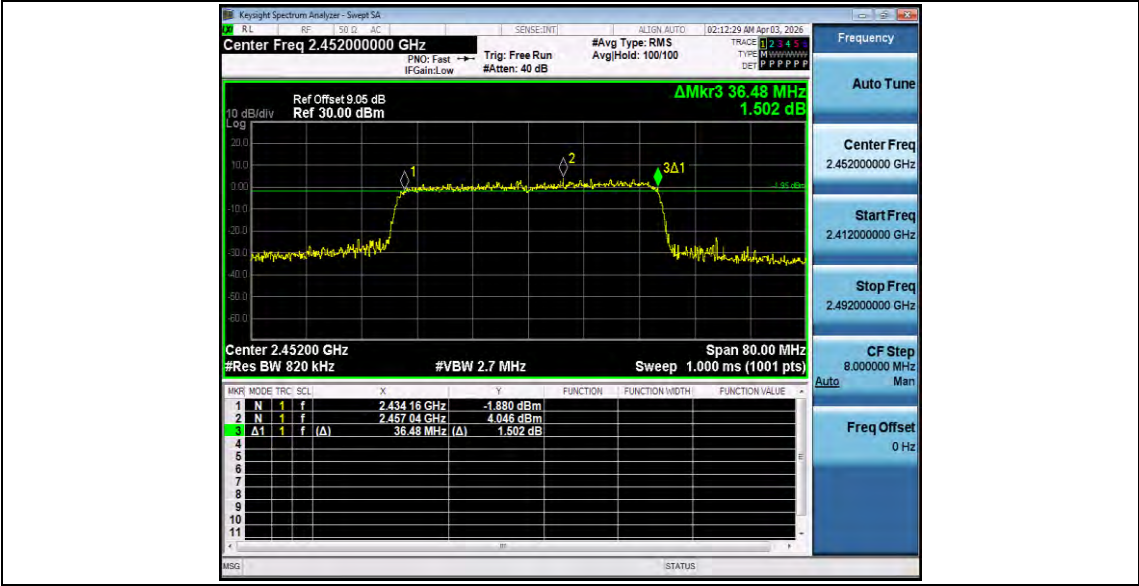
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



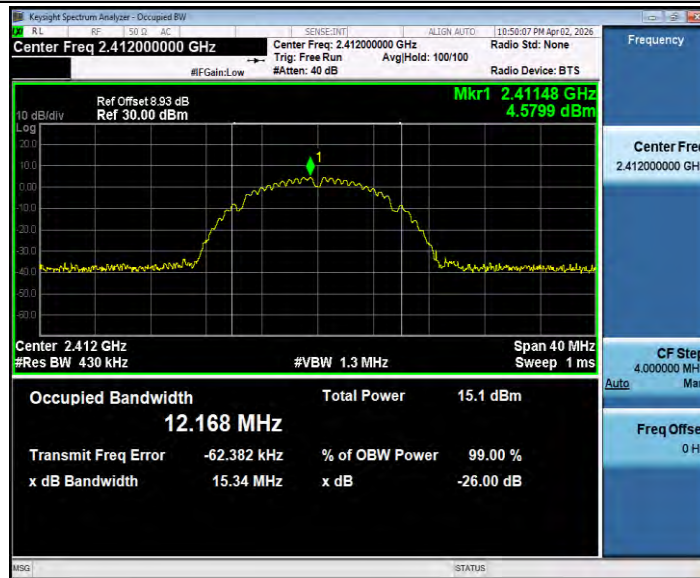
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.168	2405.8536	2418.0216	---	---
		2437	12.146	2430.9138	2443.0598	---	---
		2462	12.135	2455.8938	2468.0288	---	---
11G	Ant1	2412	17.066	2403.4251	2420.4911	---	---
		2437	16.897	2428.5751	2445.4721	---	---
		2462	16.863	2453.5853	2470.4483	---	---
11N20SISO	Ant1	2412	17.940	2403.0290	2420.9690	---	---
		2437	17.761	2428.1568	2445.9178	---	---
		2462	17.764	2453.1169	2470.8809	---	---
11N40SISO	Ant1	2422	36.690	2403.7069	2440.3969	---	---
		2437	36.244	2418.9860	2455.2300	---	---
		2452	36.247	2433.9790	2470.2260	---	---
11AX20SISO	Ant1	2412	18.885	2402.5438	2421.4288	---	---
		2437	18.795	2427.6099	2446.4049	---	---
		2462	18.800	2452.5916	2471.3916	---	---
11AX40SISO	Ant1	2422	37.636	2403.2764	2440.9124	---	---
		2437	37.419	2418.3896	2455.8086	---	---
		2452	37.310	2433.5477	2470.8577	---	---

Test Graphs

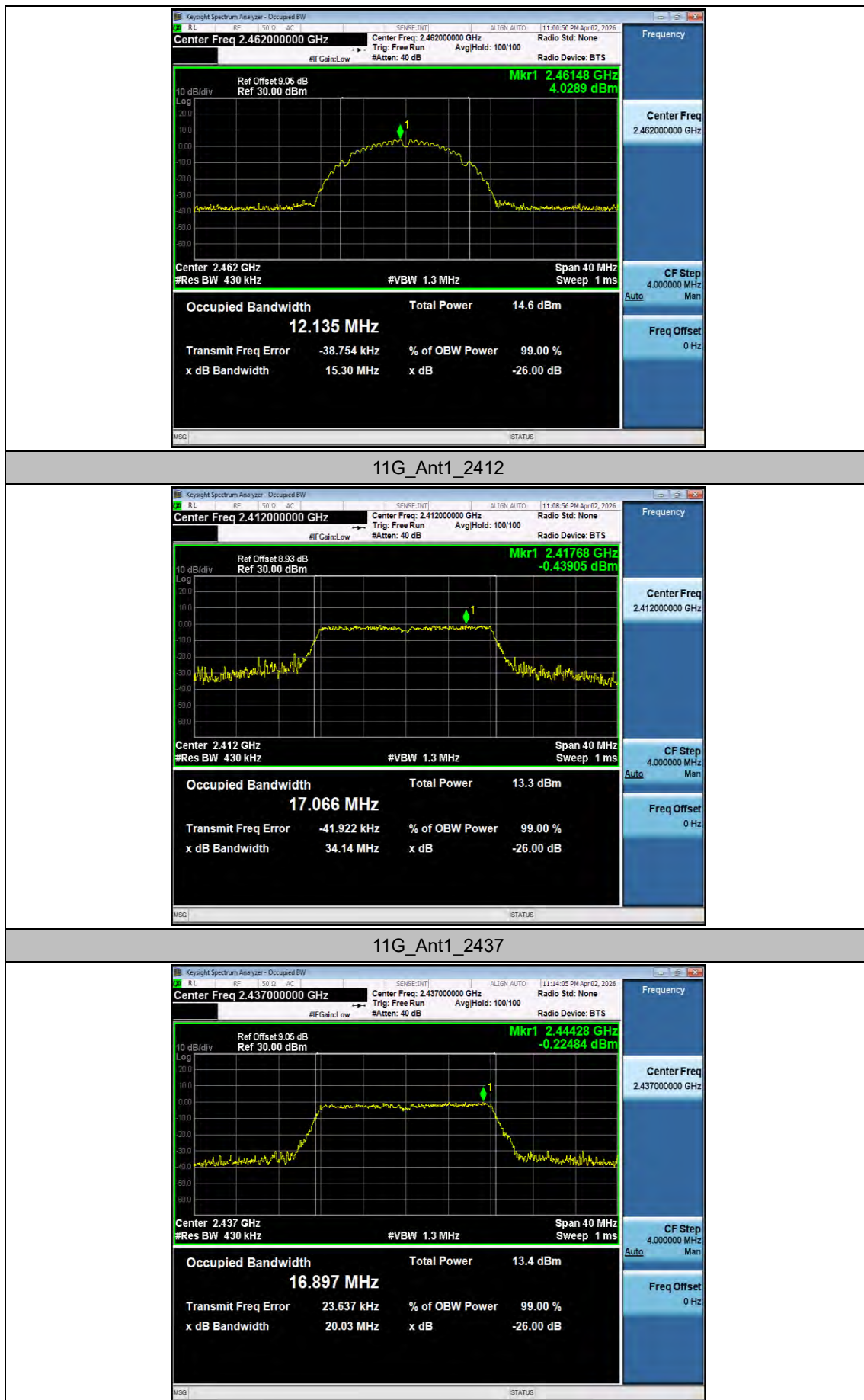
11B_Ant1_2412



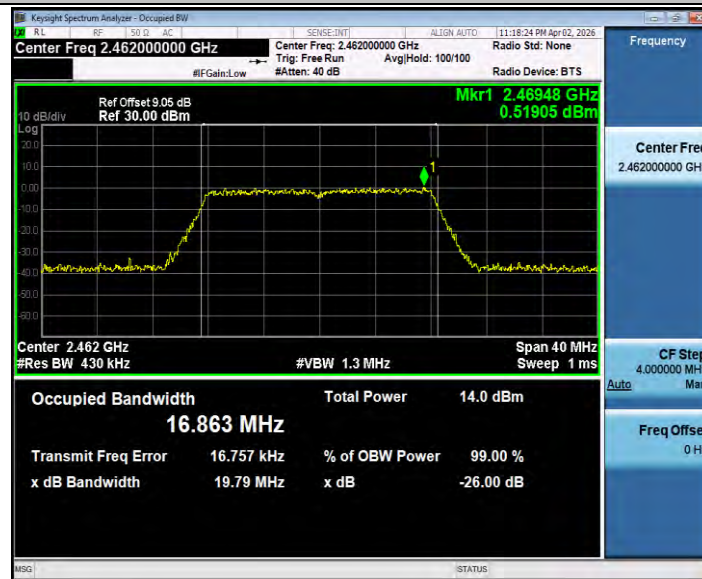
11B_Ant1_2437



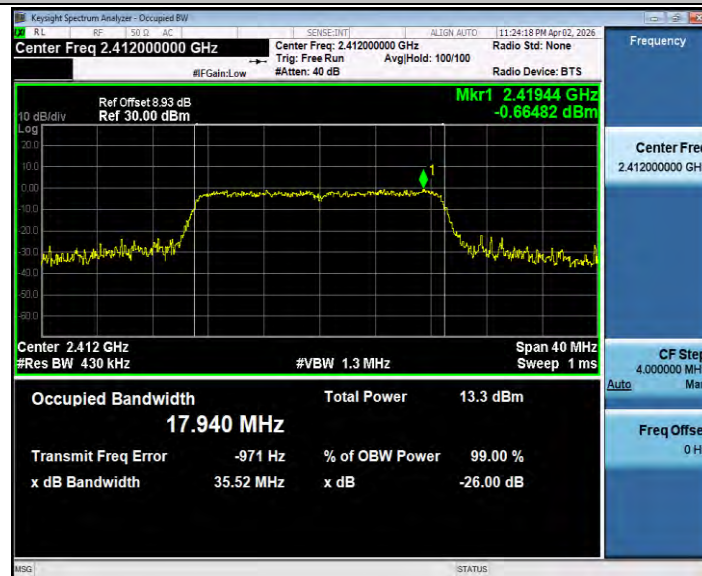
11B_Ant1_2462



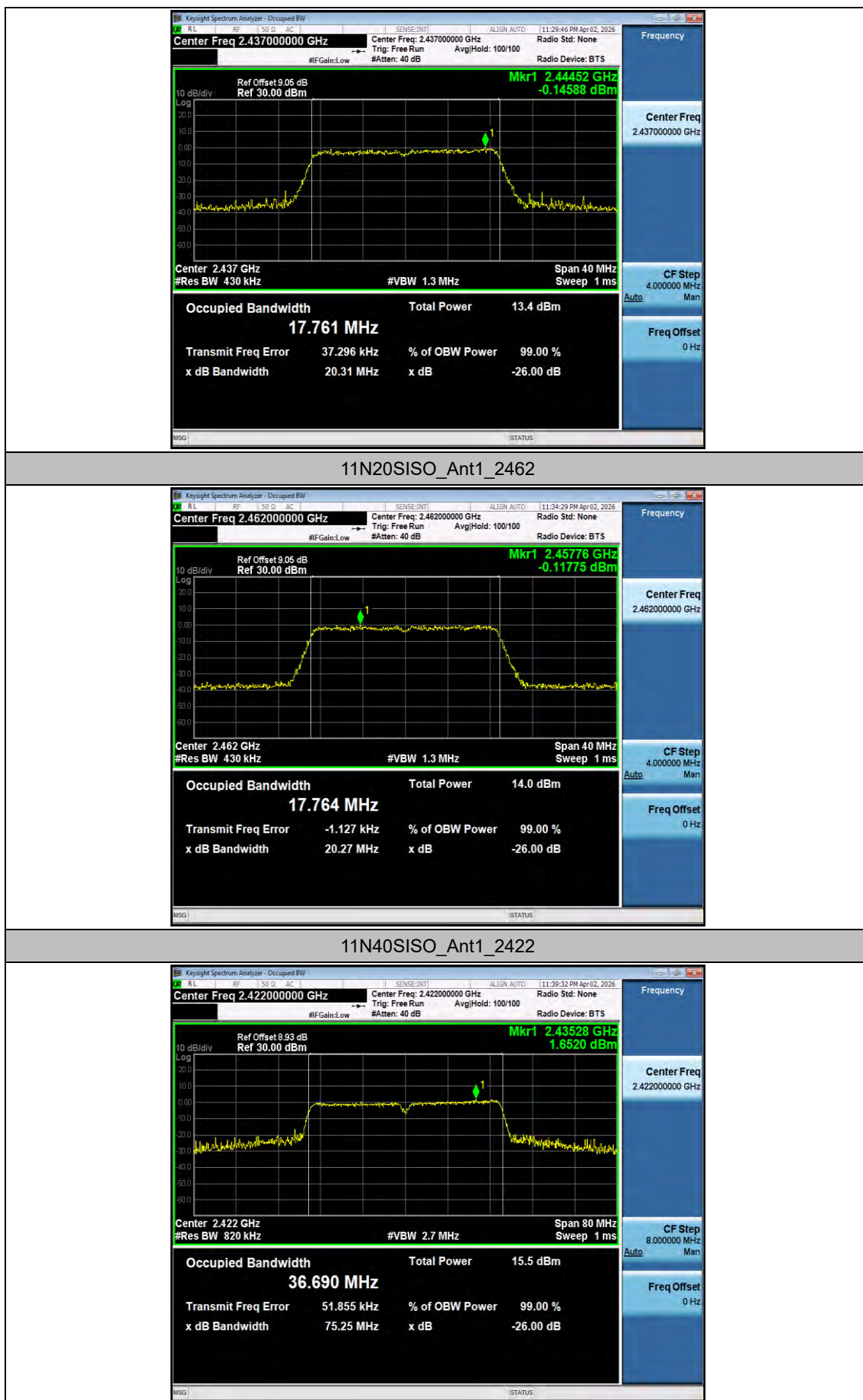
11G_Ant1_2462



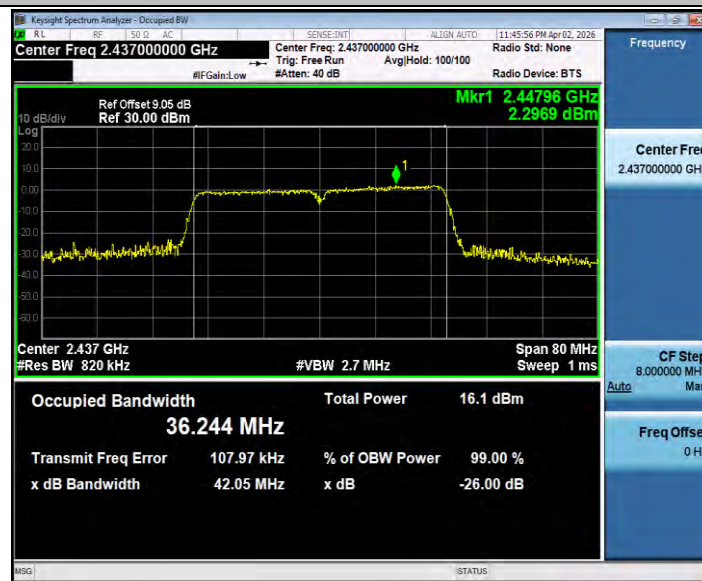
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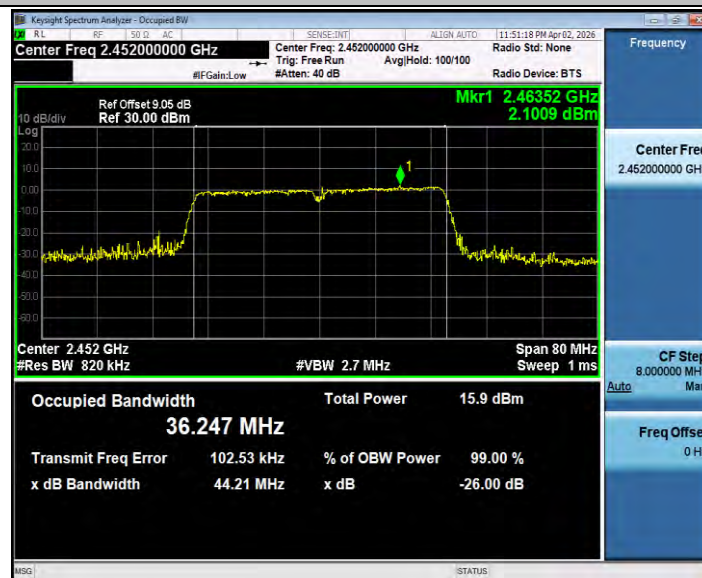
11N20SISO_Ant1_2437



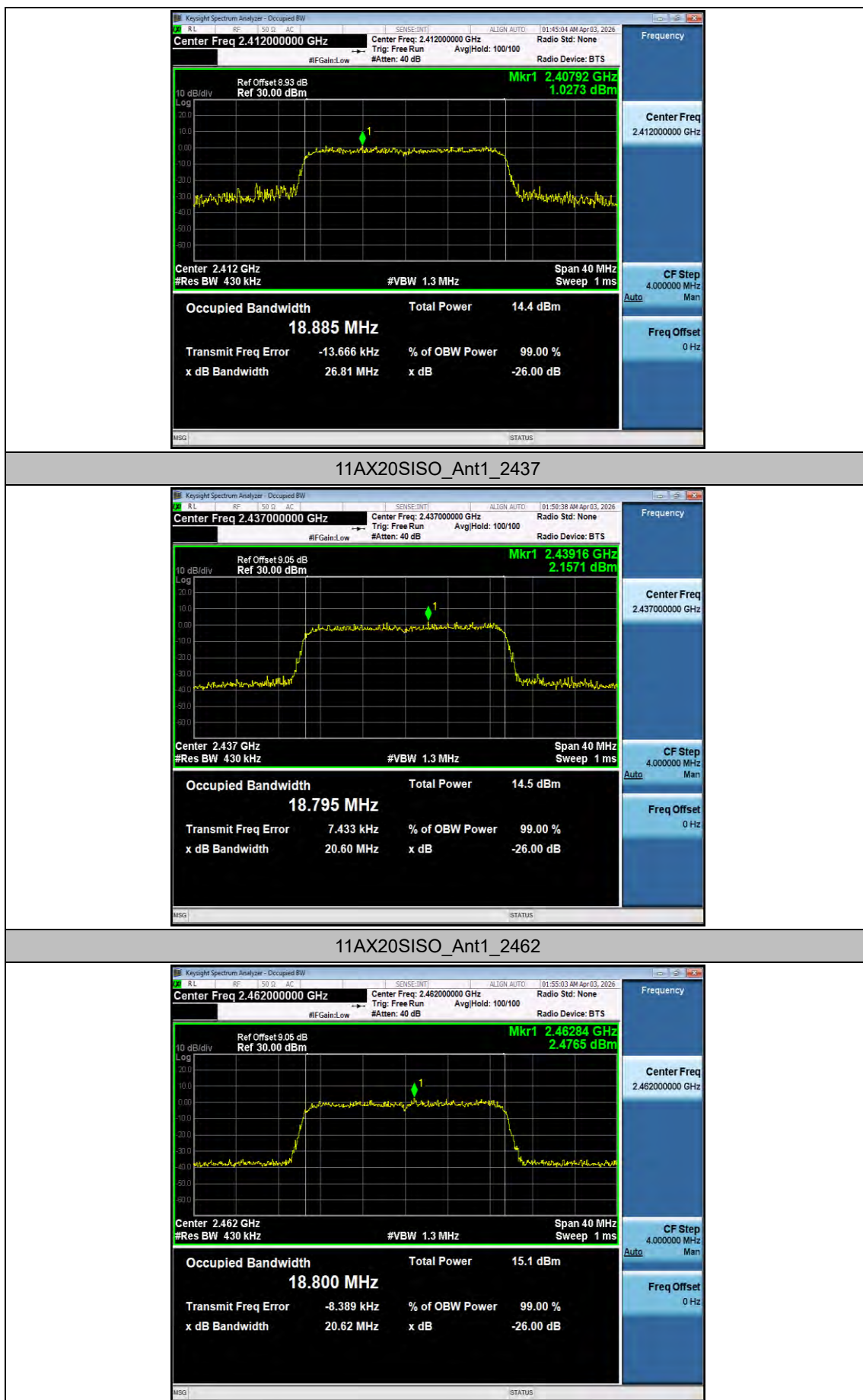
11N40SISO_Ant1_2437



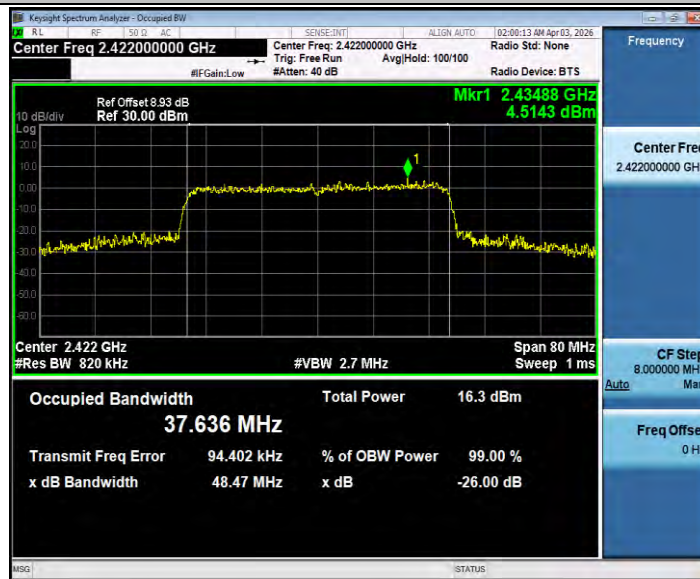
11N40SISO_Ant1_2452



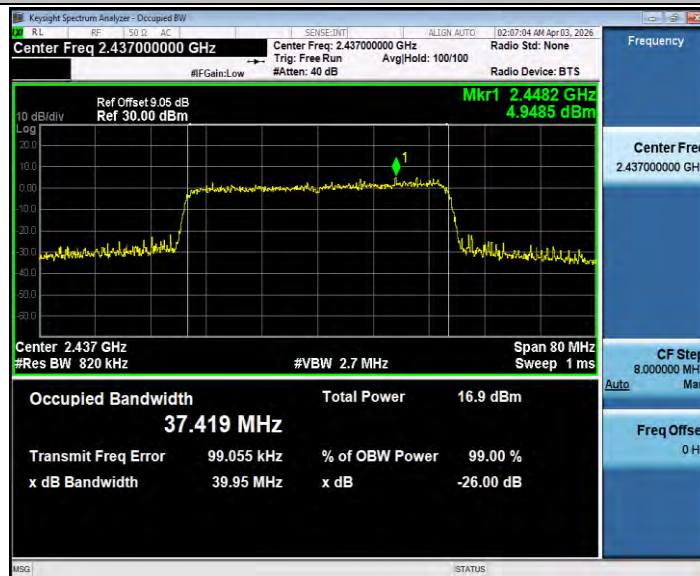
11AX20SISO_Ant1_2412



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	15.17	≤30.00	PASS
		2437	14.73	≤30.00	PASS
		2462	14.64	≤30.00	PASS
11G	Ant1	2412	14.61	≤30.00	PASS
		2437	14.67	≤30.00	PASS
		2462	15.17	≤30.00	PASS
11N20SISO	Ant1	2412	14.64	≤30.00	PASS
		2437	14.72	≤30.00	PASS
		2462	15.20	≤30.00	PASS
11N40SISO	Ant1	2422	15.93	≤30.00	PASS
		2437	16.42	≤30.00	PASS
		2452	16.17	≤30.00	PASS
11AX20SISO	Ant1	2412	15.07	≤30.00	PASS
		2437	15.27	≤30.00	PASS
		2462	15.74	≤30.00	PASS
11AX40SISO	Ant1	2422	16.35	≤30.00	PASS
		2437	17.04	≤30.00	PASS
		2452	16.75	≤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	-9.09	≤8.00	PASS
		2437	-9.08	≤8.00	PASS
		2462	-1.11	≤8.00	PASS
11G	Ant1	2412	-17.13	≤8.00	PASS
		2437	-16.21	≤8.00	PASS
		2462	-15.00	≤8.00	PASS
11N20SISO	Ant1	2412	-17.76	≤8.00	PASS
		2437	-16.52	≤8.00	PASS
		2462	-17.09	≤8.00	PASS
11N40SISO	Ant1	2422	-19.26	≤8.00	PASS
		2437	-17.43	≤8.00	PASS
		2452	-18.32	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.60	≤8.00	PASS
		2437	-16.96	≤8.00	PASS
		2462	-17.68	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.51	≤8.00	PASS
		2437	-18.44	≤8.00	PASS
		2452	-19.26	≤8.00	PASS

Test Graphs

11B_Ant1_2412



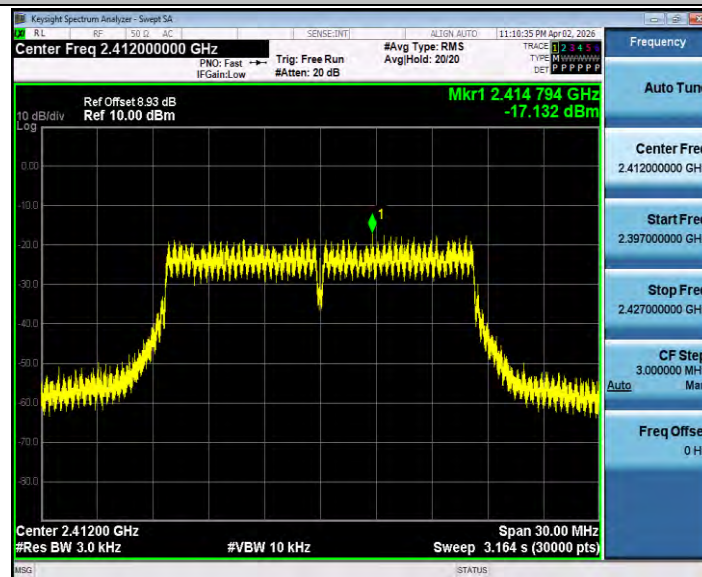
11B_Ant1_2437



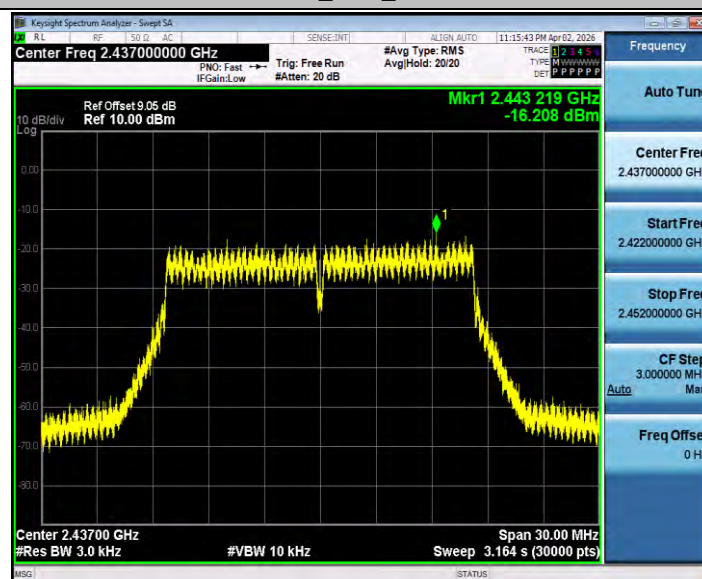
11B_Ant1_2462



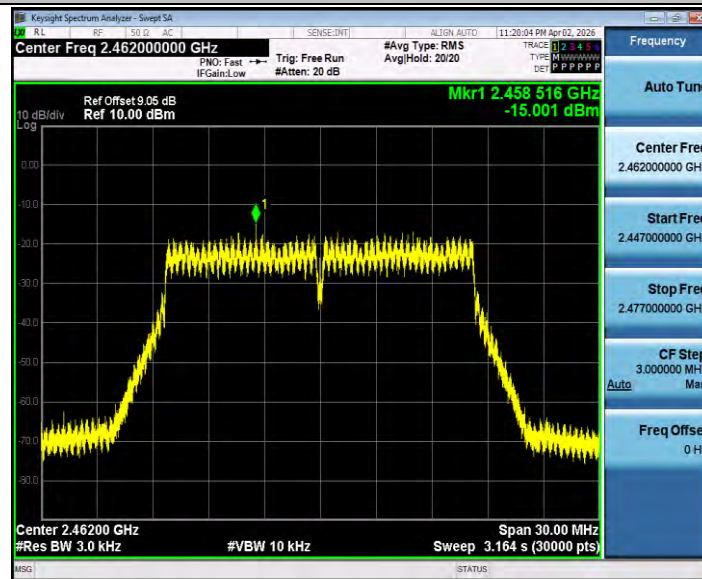
11G_Ant1_2412



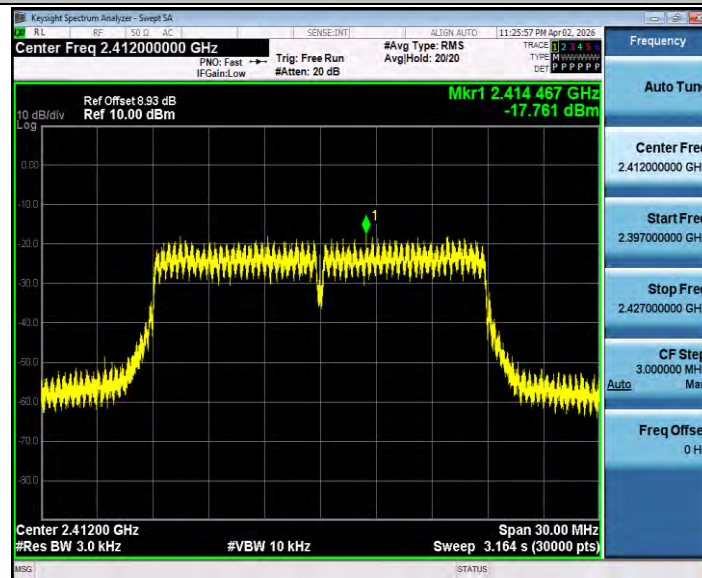
11G_Ant1_2437



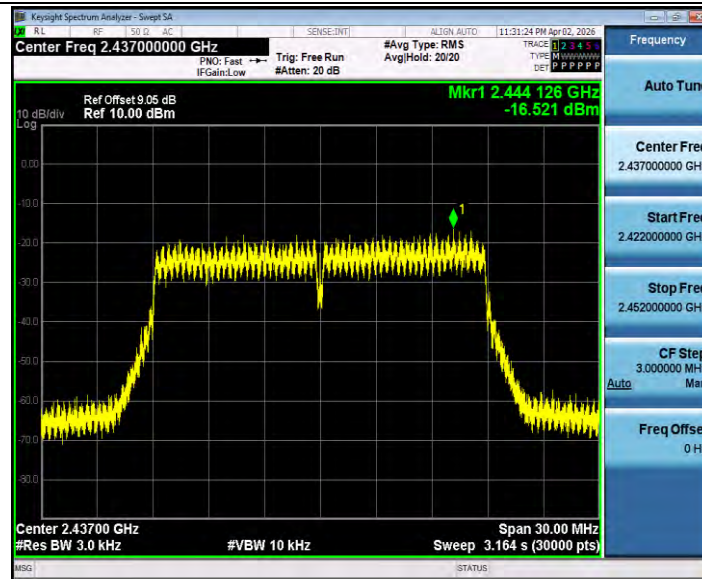
11G_Ant1_2462



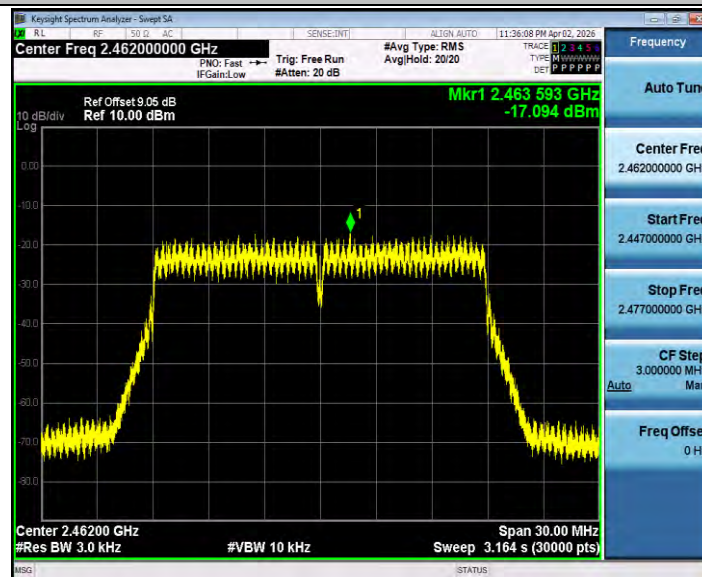
11N20SISO_Ant1_2412



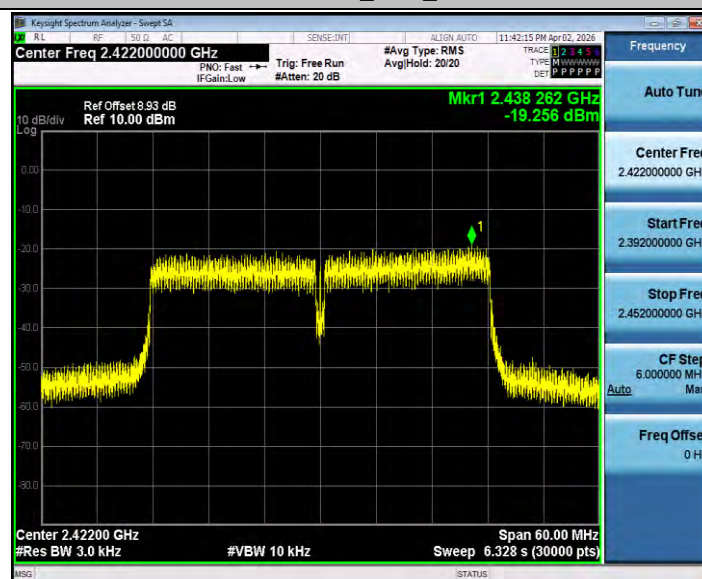
11N20SISO_Ant1_2437



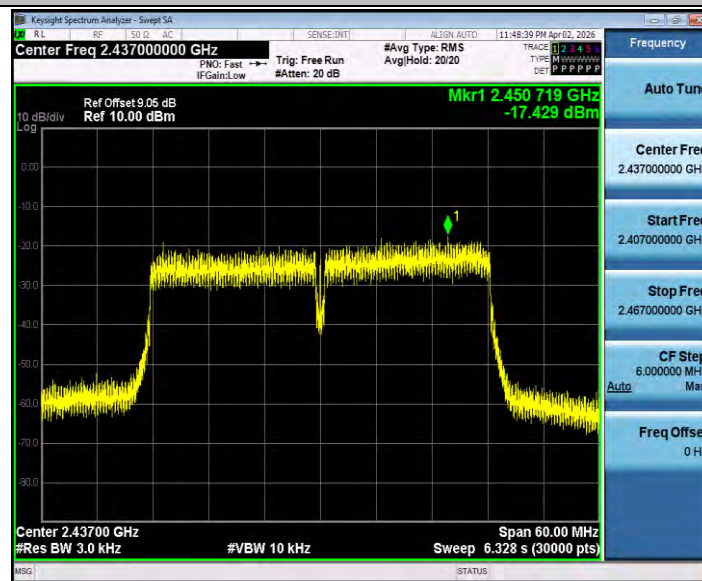
11N20SISO_Ant1_2462



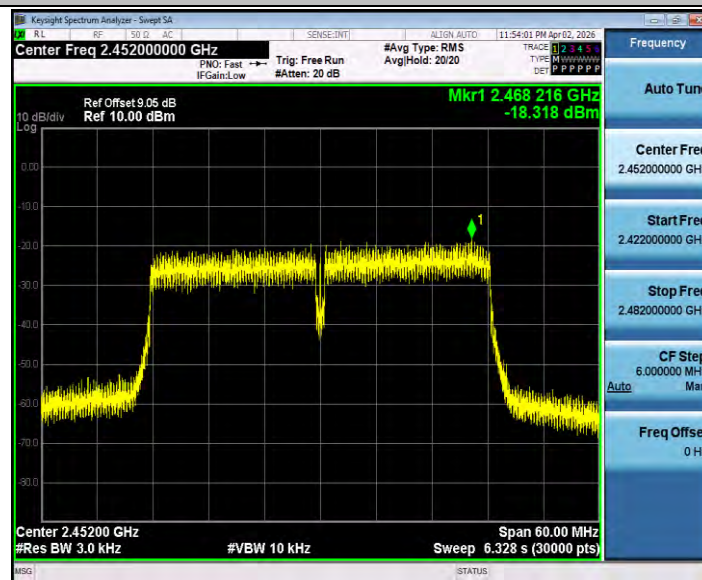
11N40SISO_Ant1_2422



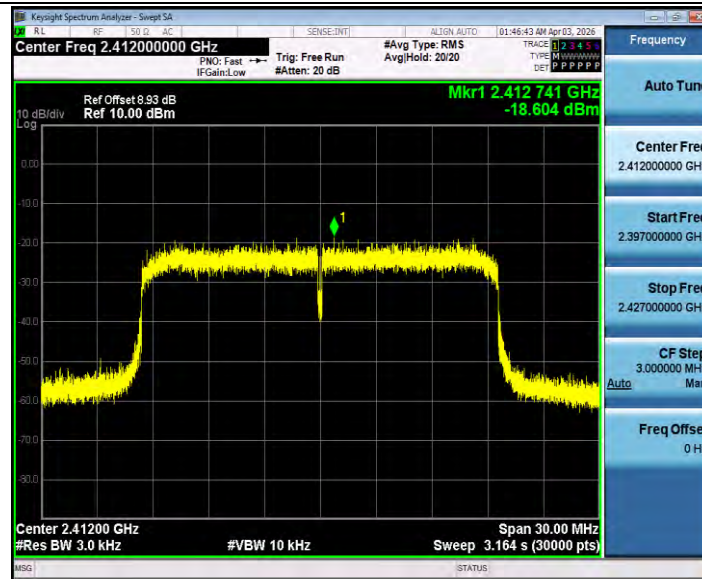
11N40SISO_Ant1_2437



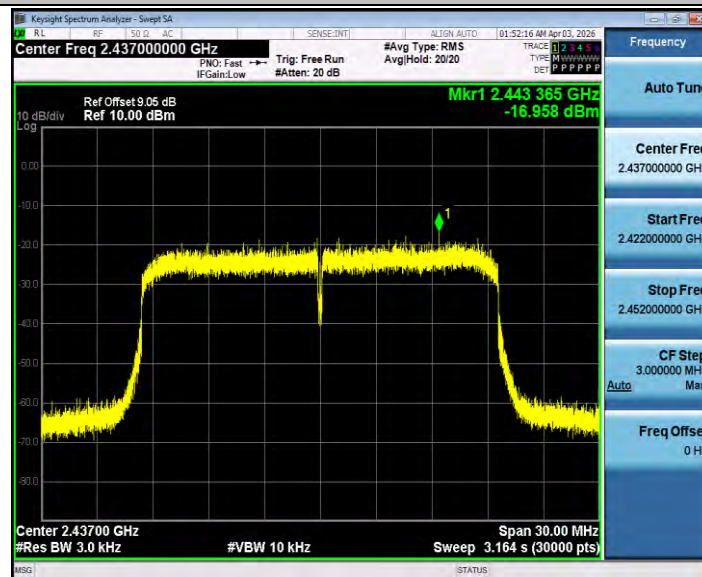
11N40SISO_Ant1_2452



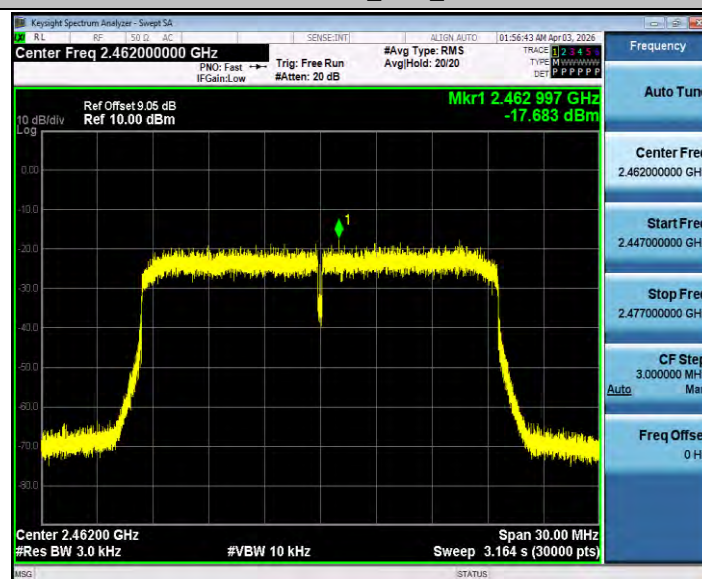
11AX20SISO_Ant1_2412



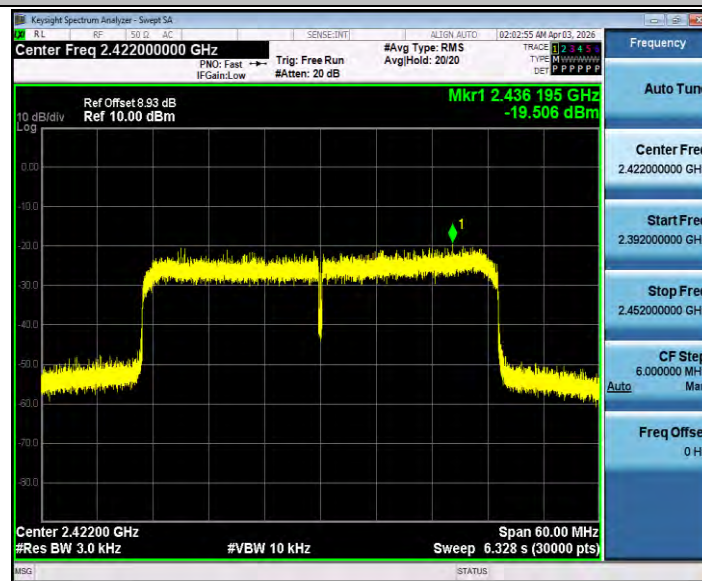
11AX20SISO_Ant1_2437



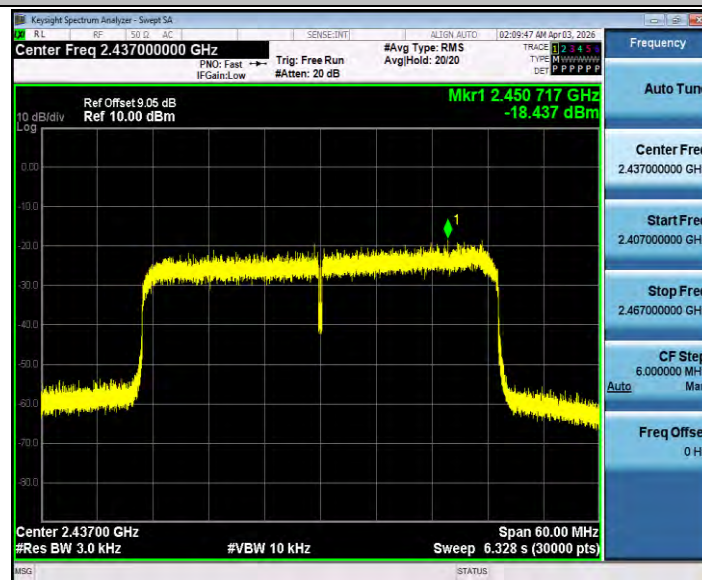
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

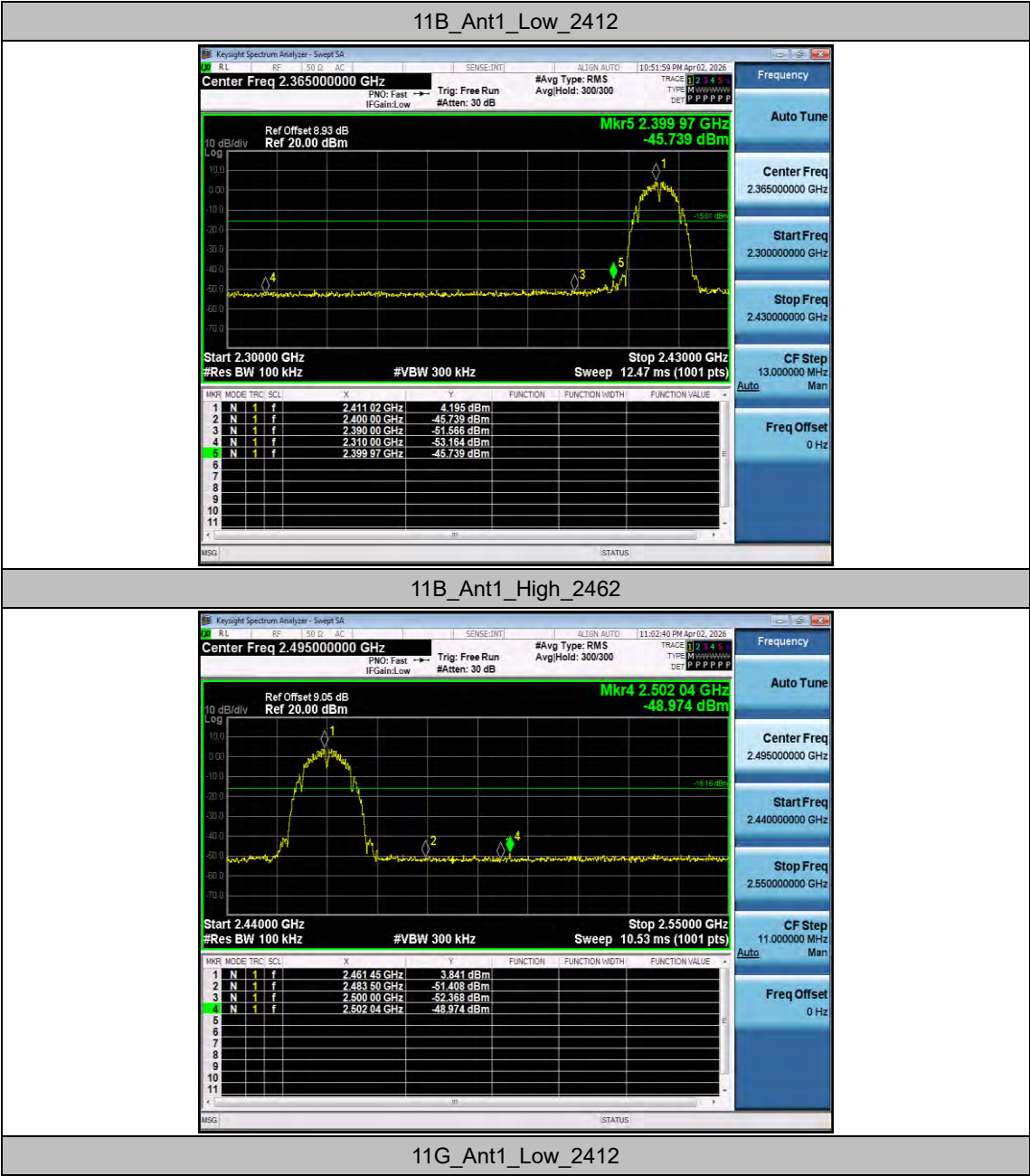


Appendix C.5:Band edge measurements

Test Result

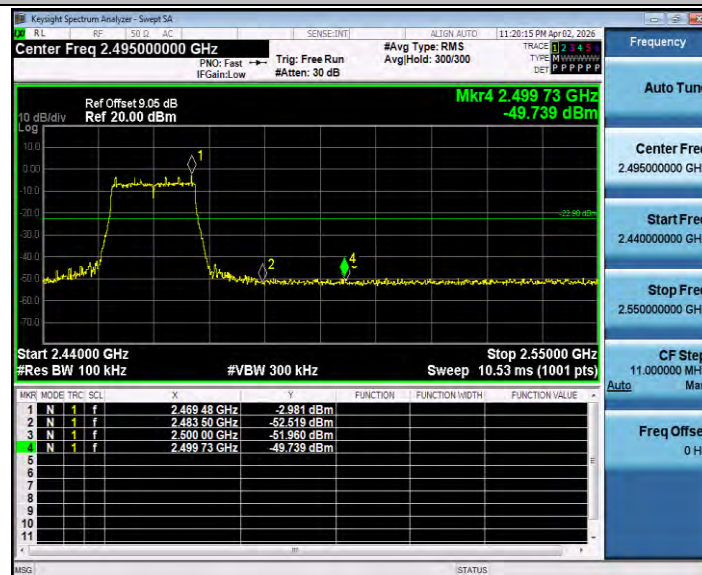
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.20	-45.74	≤ -15.81	PASS
		High	2462	3.84	-48.97	≤ -16.16	PASS
11G	Ant1	Low	2412	-3.83	-30.65	≤ -23.83	PASS
		High	2462	-2.98	-49.74	≤ -22.98	PASS
11N20SISO	Ant1	Low	2412	-4.31	-32.57	≤ -24.31	PASS
		High	2462	-3.47	-49.5	≤ -23.47	PASS
11N40SISO	Ant1	Low	2422	-5.07	-32.21	≤ -25.07	PASS
		High	2452	-4.63	-41.21	≤ -24.63	PASS
11AX20SISO	Ant1	Low	2412	-4.83	-30.91	≤ -24.83	PASS
		High	2462	-3.84	-49.11	≤ -23.84	PASS
11AX40SISO	Ant1	Low	2422	-5.38	-30.32	≤ -25.38	PASS
		High	2452	-5.02	-41.43	≤ -25.02	PASS

Test Graphs

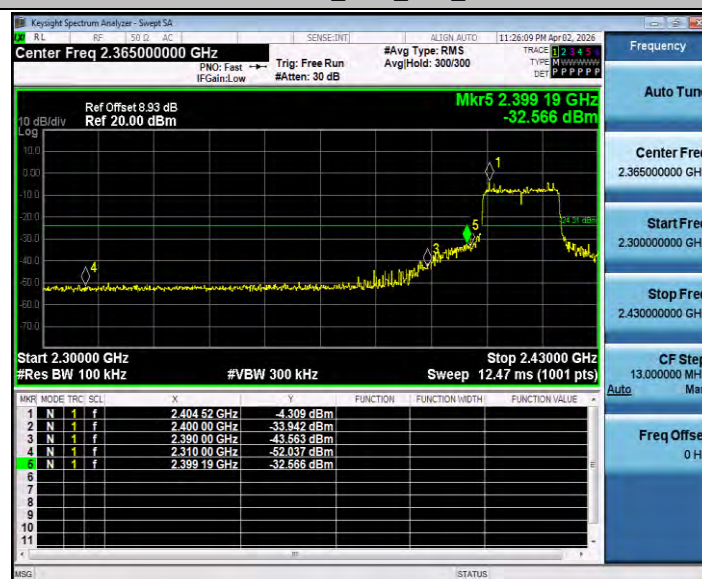




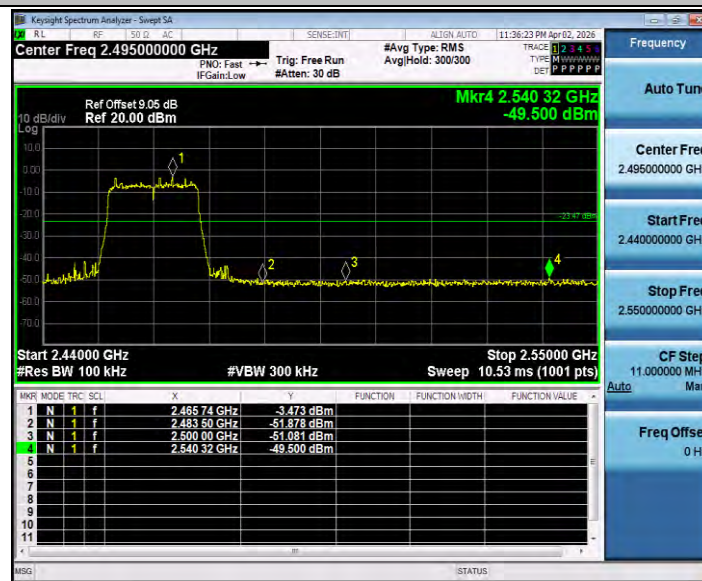
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



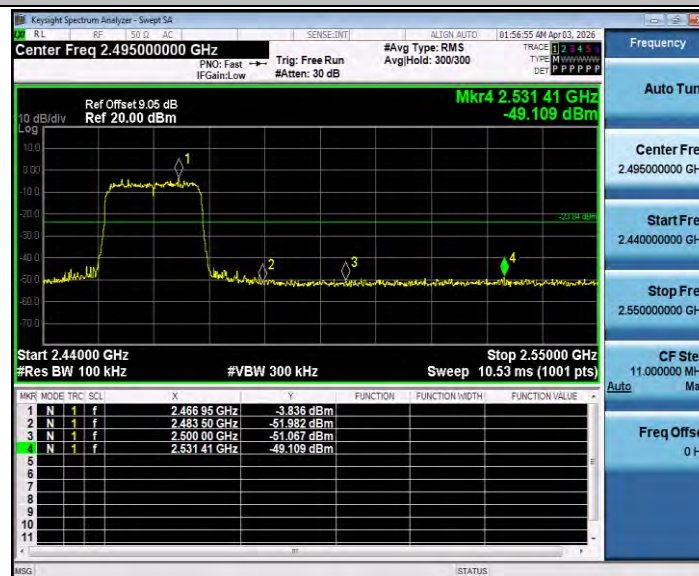
11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

