

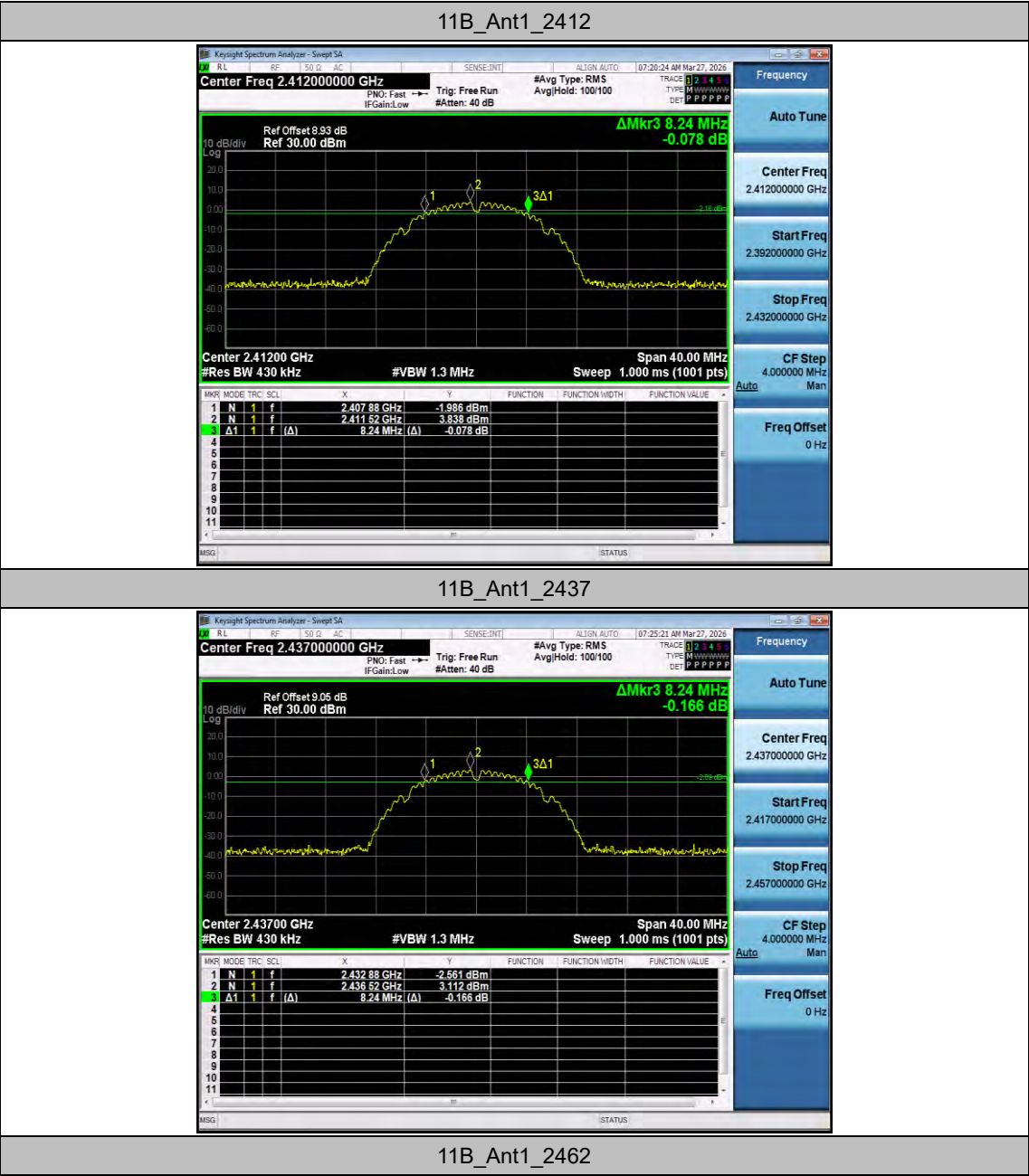
Case No. : <u>GTS20251122004-2-14</u>
Ambient Condition: <u>23°C, 51%RH,</u>
Test Date: <u>2025.12.15-2026.3.31</u> Test Engineer: <u>Evan ouyang</u>

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	16.440	2403.800	2420.240	0.5	PASS
		2437	16.600	2428.720	2445.320	0.5	PASS
		2462	16.520	2453.760	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.760	2403.160	2420.920	0.5	PASS
		2437	17.800	2428.120	2445.920	0.5	PASS
		2462	17.720	2453.160	2470.880	0.5	PASS
11N40SISO	Ant1	2422	36.640	2403.760	2440.400	0.5	PASS
		2437	36.800	2418.600	2455.400	0.5	PASS
		2452	36.240	2433.920	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	18.960	2402.600	2421.560	0.5	PASS
		2437	19.120	2427.480	2446.600	0.5	PASS
		2462	18.960	2452.520	2471.480	0.5	PASS
11AX40SISO	Ant1	2422	38.160	2402.880	2441.040	0.5	PASS
		2437	38.080	2417.960	2456.040	0.5	PASS
		2452	37.920	2433.120	2471.040	0.5	PASS

Test Graphs





11G_Ant1_2412



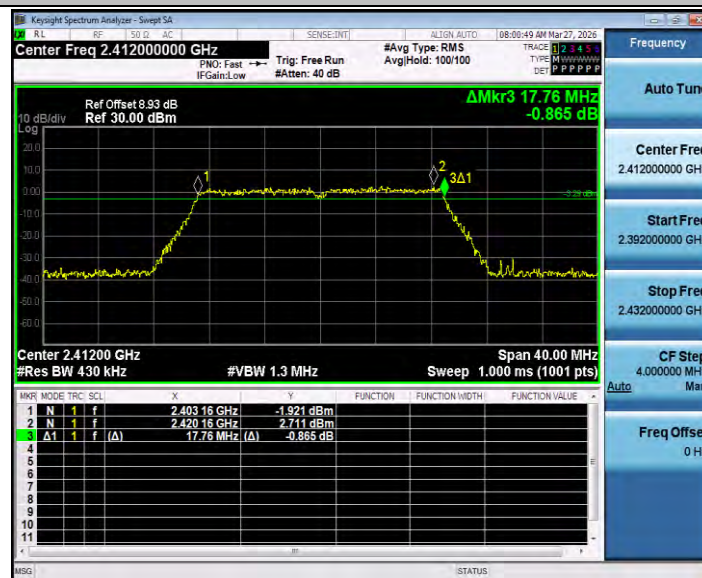
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



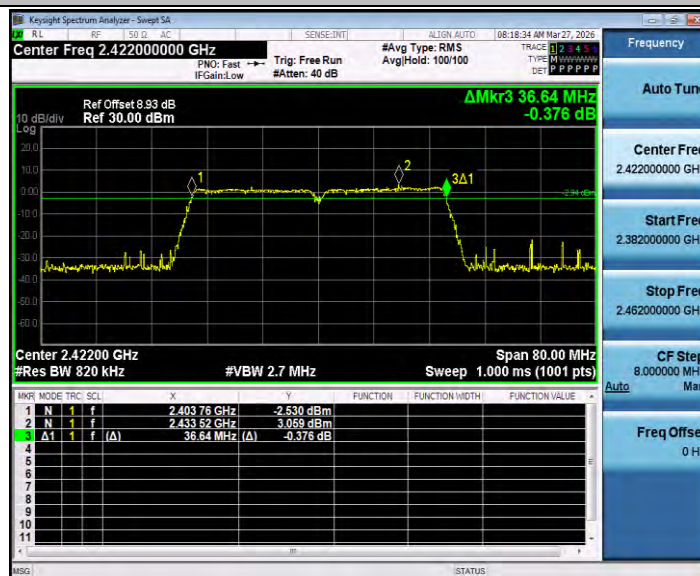
11N20SISO_Ant1_2437



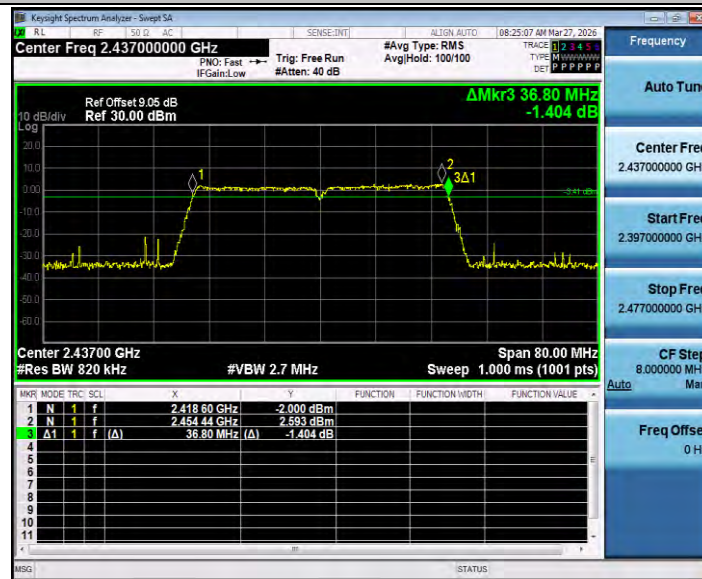
11N20SISO_Ant1_2462



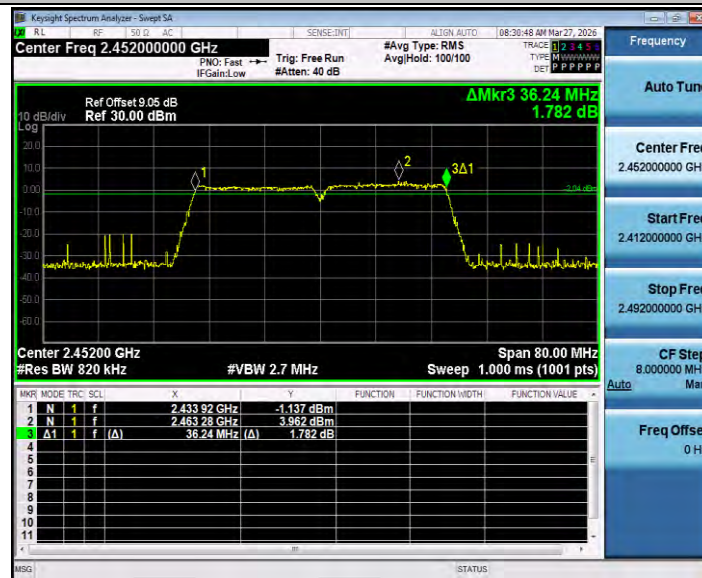
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



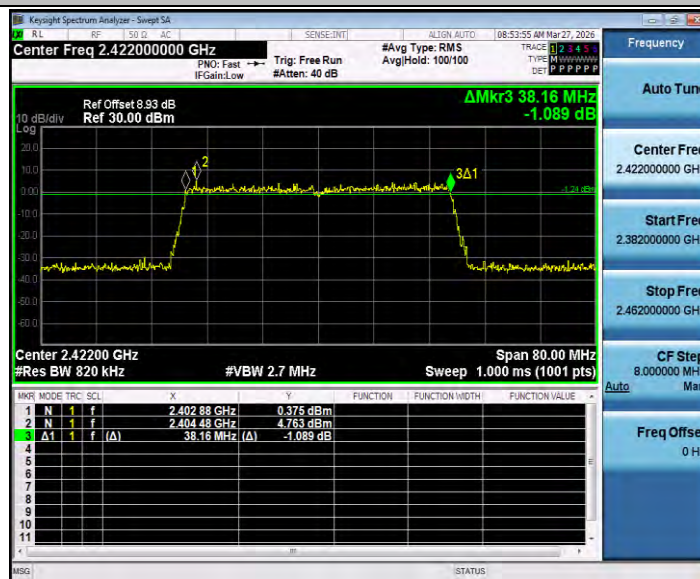
11AX20SISO_Ant1_2437



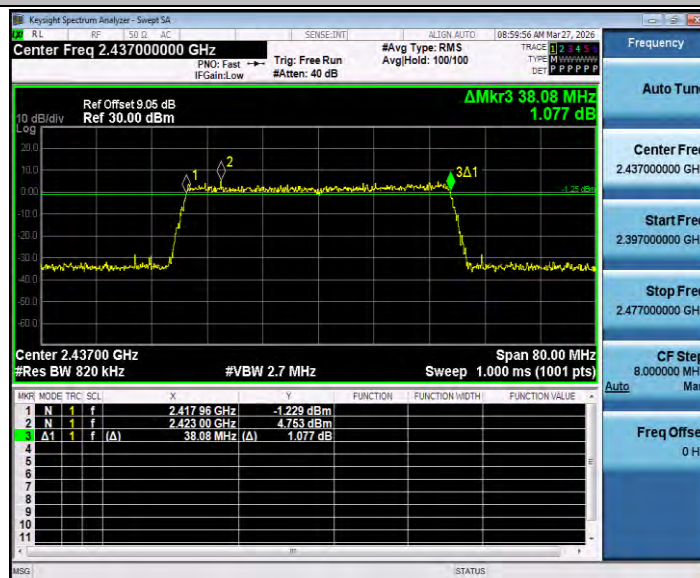
11AX20SISO_Ant1_2462



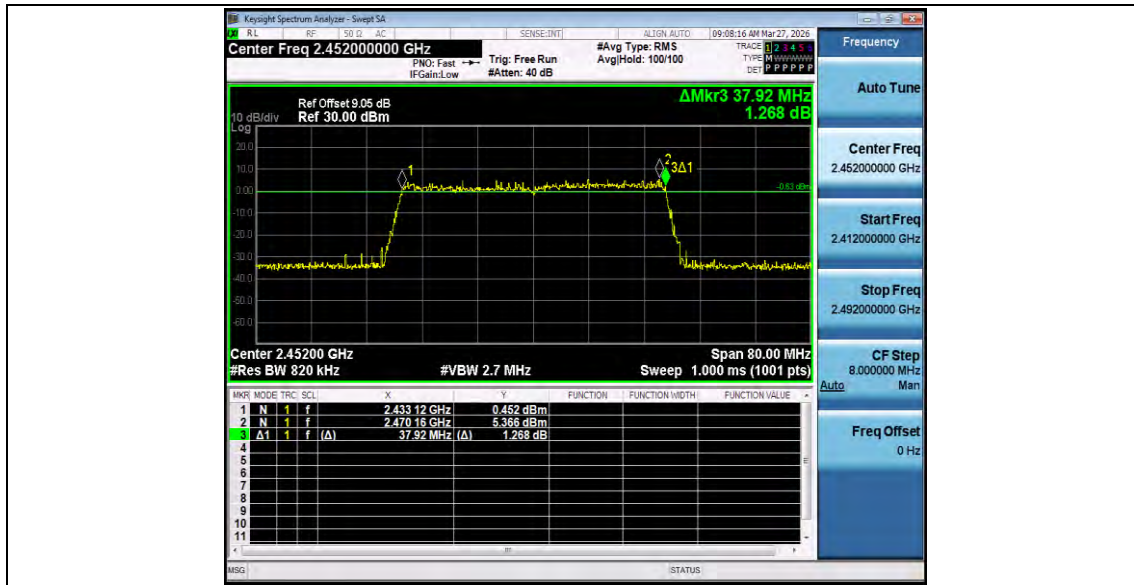
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



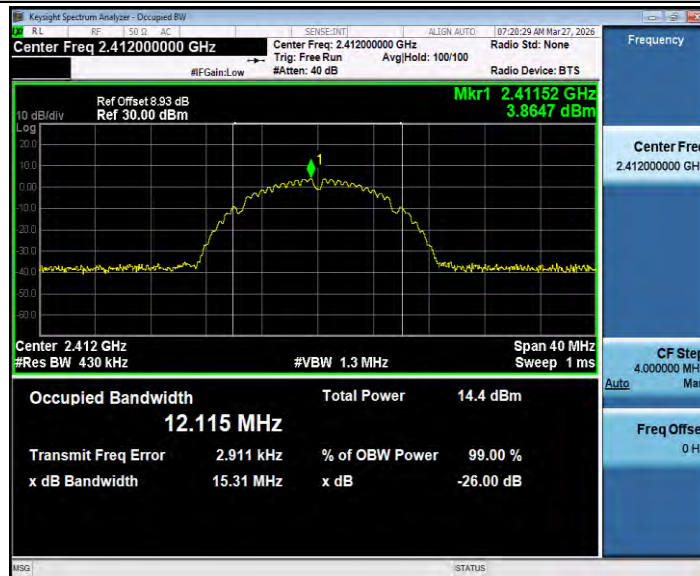
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.115	2405.9454	2418.0604	---	---
		2437	12.163	2430.9013	2443.0643	---	---
		2462	12.079	2455.9364	2468.0154	---	---
11G	Ant1	2412	17.252	2403.4181	2420.6701	---	---
		2437	17.281	2428.3957	2445.6767	---	---
		2462	17.236	2453.3711	2470.6071	---	---
11N20SISO	Ant1	2412	18.249	2402.9384	2421.1874	---	---
		2437	18.345	2427.8886	2446.2336	---	---
		2462	18.220	2452.9075	2471.1275	---	---
11N40SISO	Ant1	2422	36.683	2403.7094	2440.3924	---	---
		2437	36.719	2418.7043	2455.4233	---	---
		2452	36.717	2433.7111	2470.4281	---	---
11AX20SISO	Ant1	2412	19.252	2402.4150	2421.6670	---	---
		2437	19.292	2427.3775	2446.6695	---	---
		2462	19.221	2452.4013	2471.6223	---	---
11AX40SISO	Ant1	2422	38.163	2402.9435	2441.1065	---	---
		2437	38.239	2417.9400	2456.1790	---	---
		2452	38.008	2432.9899	2470.9979	---	---

Test Graphs

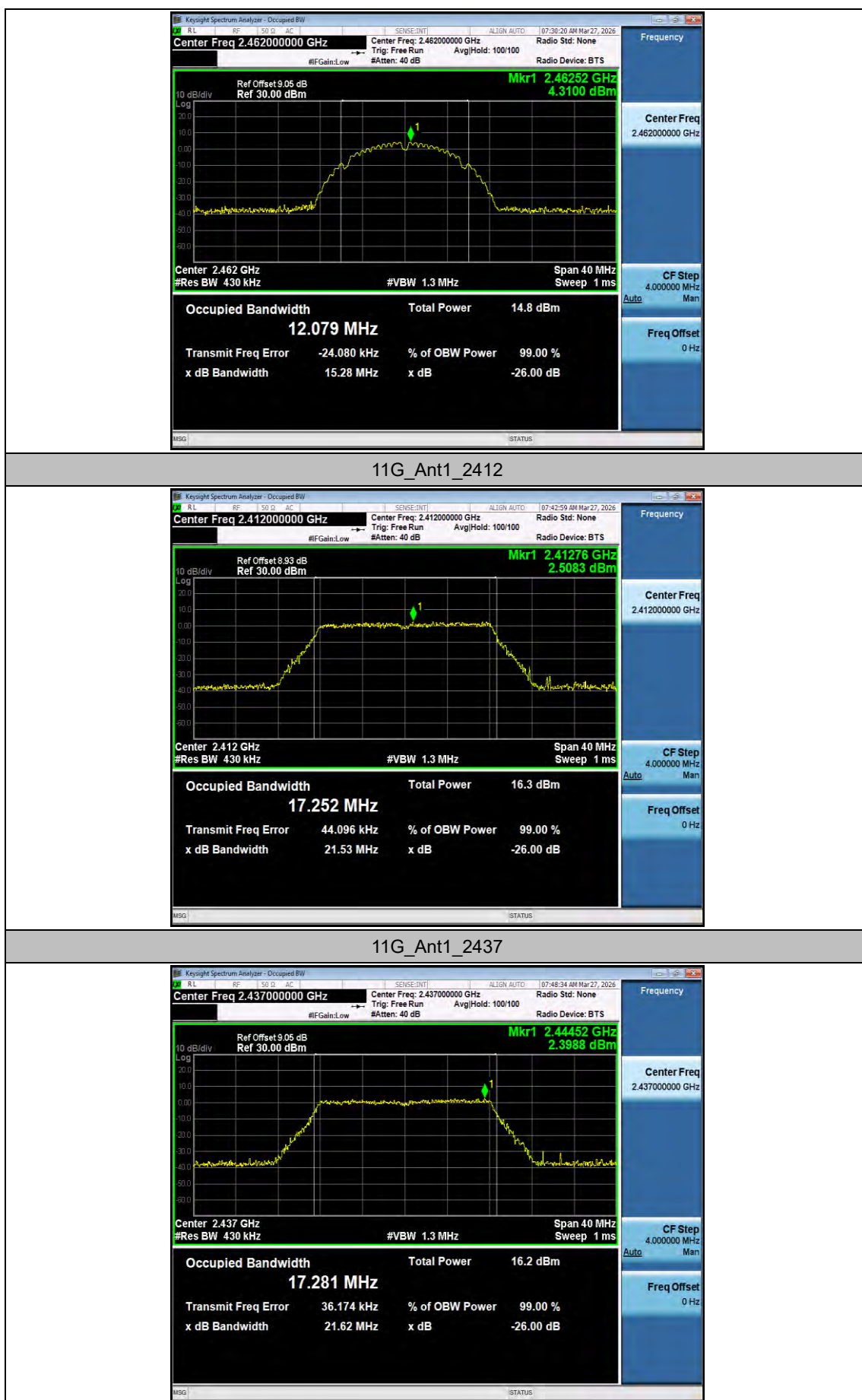
11B_Ant1_2412



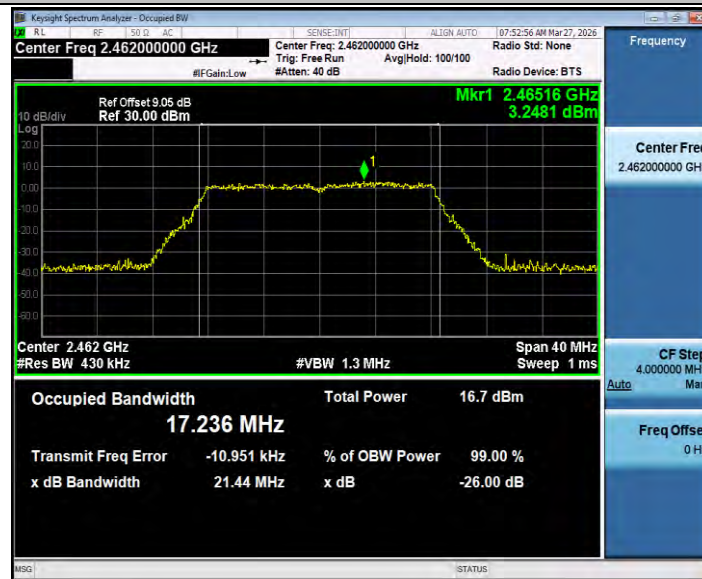
11B_Ant1_2437



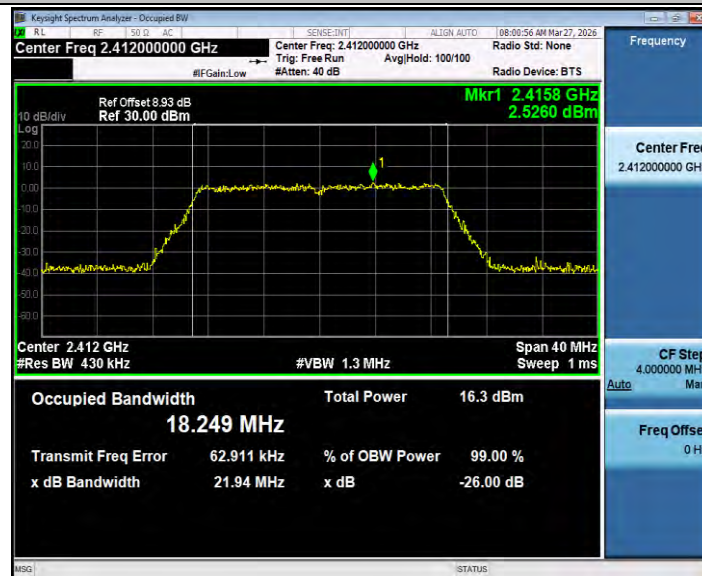
11B_Ant1_2462



11G_Ant1_2462



11N20SISO_Ant1_2412



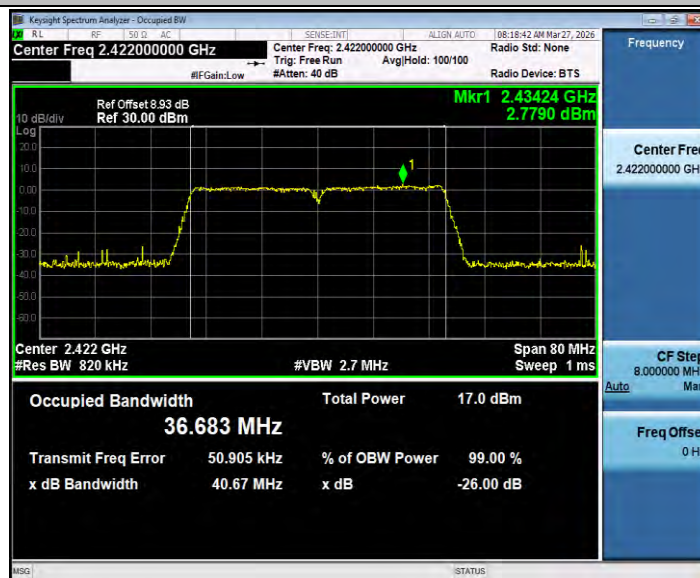
11N20SISO_Ant1_2437



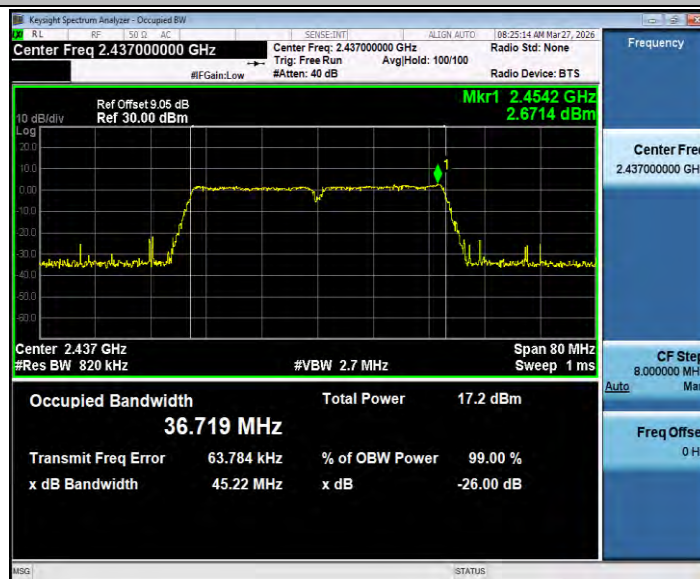
11N20SISO_Ant1_2462



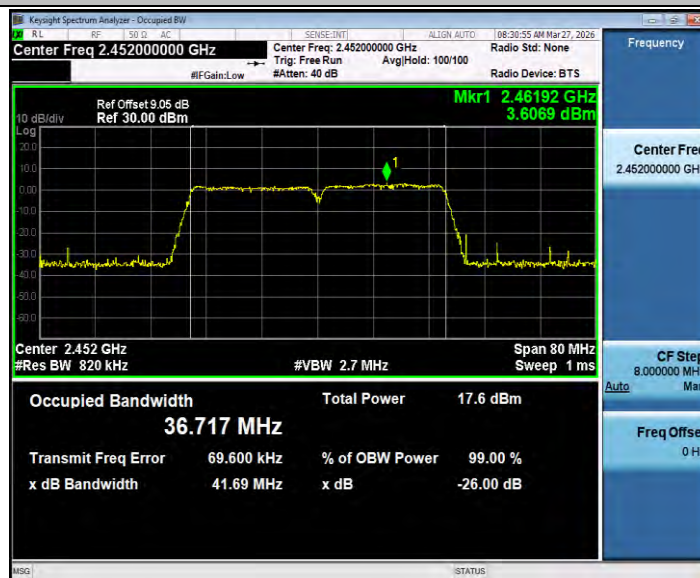
11N40SISO_Ant1_2422



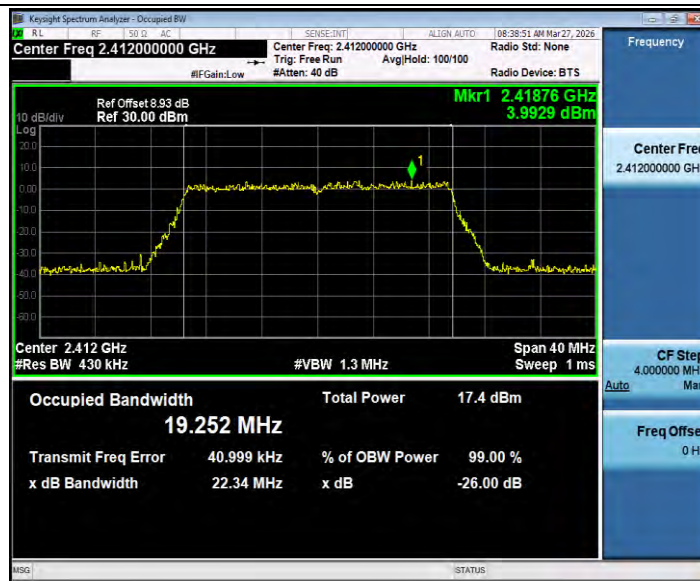
11N40SISO_Ant1_2437



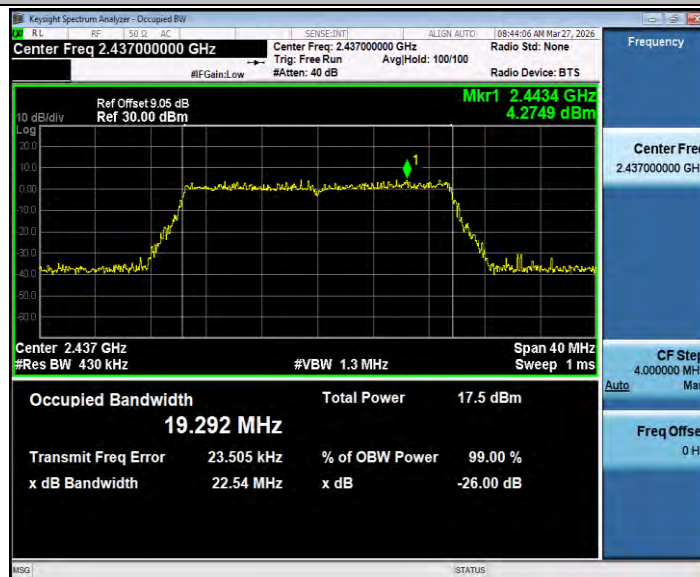
11N40SISO_Ant1_2452



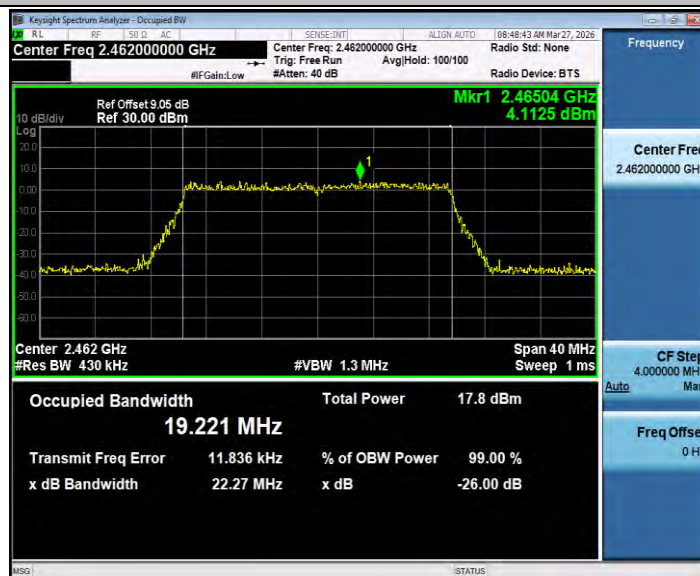
11AX20SISO_Ant1_2412



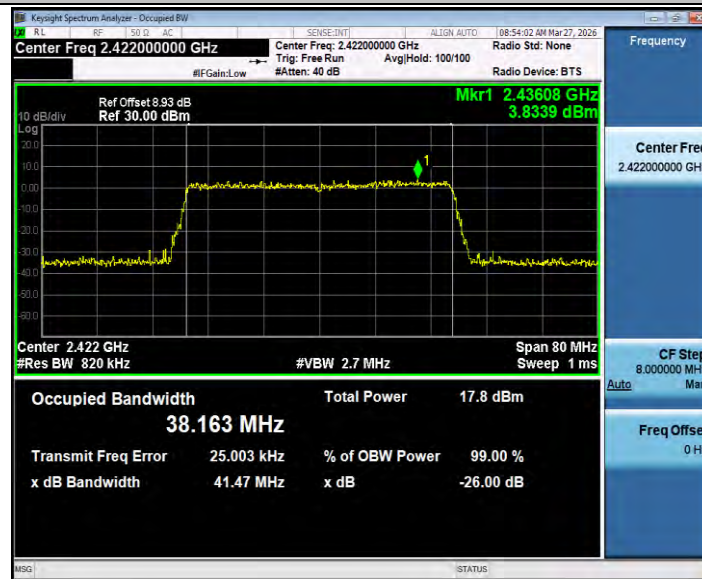
11AX20SISO_Ant1_2437



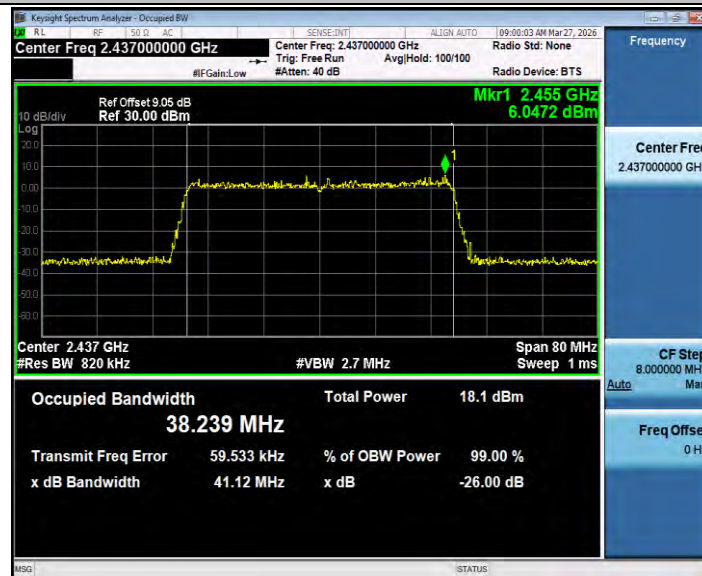
11AX20SISO_Ant1_2462



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	14.41	≤30.00	PASS
		2437	13.69	≤30.00	PASS
		2462	14.84	≤30.00	PASS
11G	Ant1	2412	17.48	≤30.00	PASS
		2437	17.48	≤30.00	PASS
		2462	17.91	≤30.00	PASS
11N20SISO	Ant1	2412	17.55	≤30.00	PASS
		2437	17.55	≤30.00	PASS
		2462	17.99	≤30.00	PASS
11N40SISO	Ant1	2422	17.36	≤30.00	PASS
		2437	17.56	≤30.00	PASS
		2452	17.94	≤30.00	PASS
11AX20SISO	Ant1	2412	18.37	≤30.00	PASS
		2437	18.36	≤30.00	PASS
		2462	18.69	≤30.00	PASS
11AX40SISO	Ant1	2422	18.04	≤30.00	PASS
		2437	18.26	≤30.00	PASS
		2452	18.40	≤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	-10.76	≤8.00	PASS
		2437	-11.45	≤8.00	PASS
		2462	-10.06	≤8.00	PASS
11G	Ant1	2412	-13.78	≤8.00	PASS
		2437	-13.36	≤8.00	PASS
		2462	-14.44	≤8.00	PASS
11N20SISO	Ant1	2412	-14.75	≤8.00	PASS
		2437	-14.32	≤8.00	PASS
		2462	-14.78	≤8.00	PASS
11N40SISO	Ant1	2422	-16.40	≤8.00	PASS
		2437	-17.26	≤8.00	PASS
		2452	-16.15	≤8.00	PASS
11AX20SISO	Ant1	2412	-15.36	≤8.00	PASS
		2437	-15.26	≤8.00	PASS
		2462	-15.39	≤8.00	PASS
11AX40SISO	Ant1	2422	-17.82	≤8.00	PASS
		2437	-17.79	≤8.00	PASS
		2452	-18.05	≤8.00	PASS

Test Graphs

11B_Ant1_2412



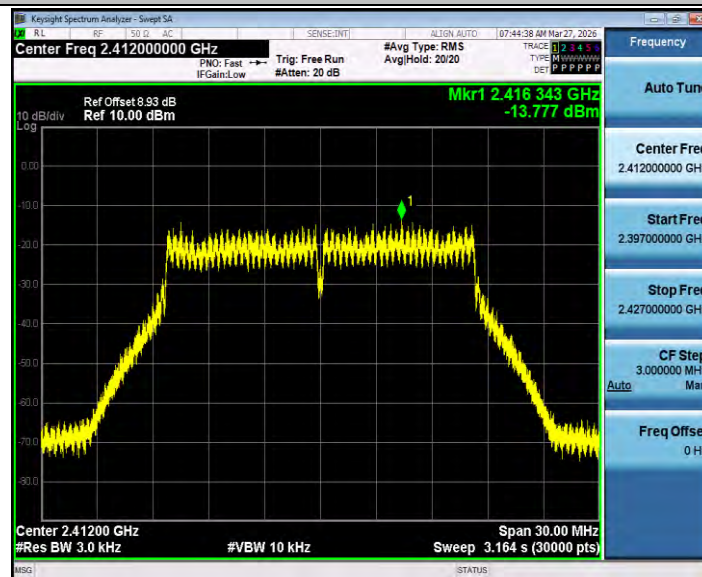
11B_Ant1_2437



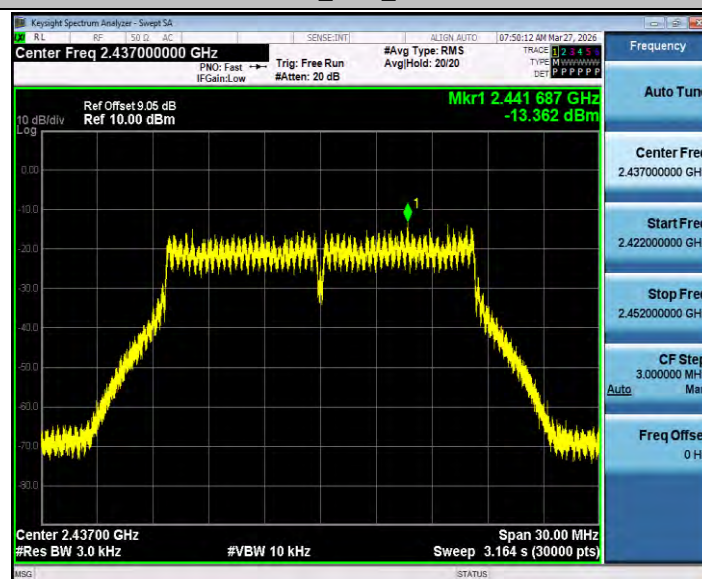
11B_Ant1_2462



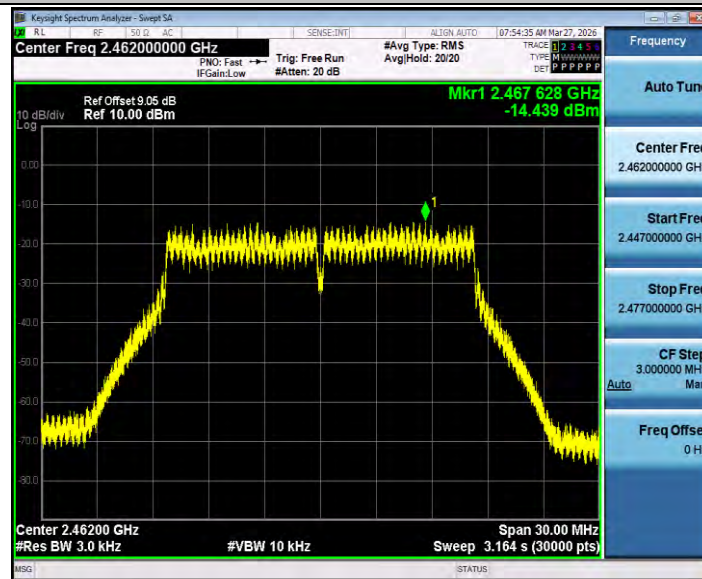
11G_Ant1_2412



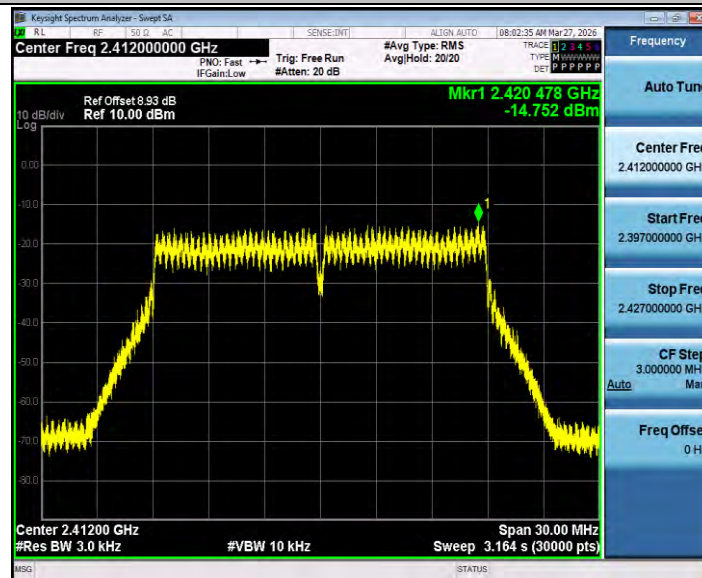
11G_Ant1_2437



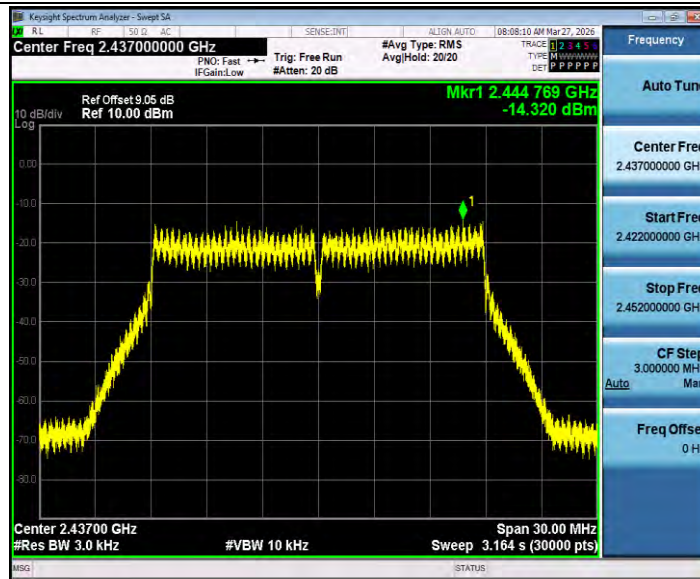
11G_Ant1_2462



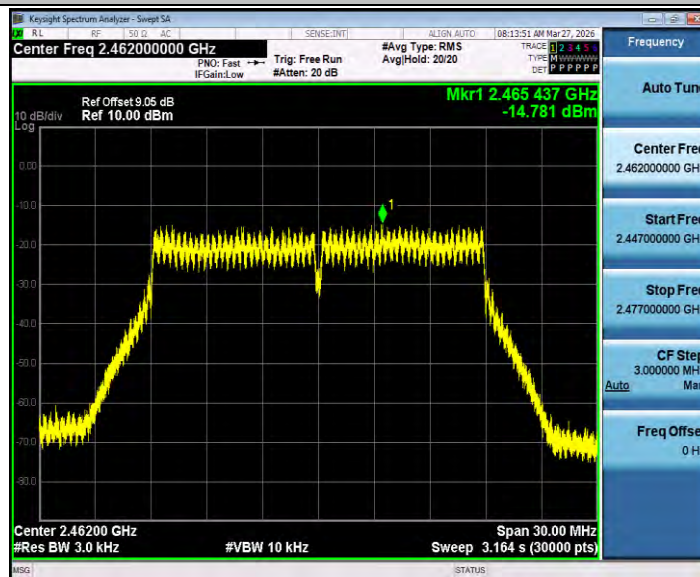
11N20SISO_Ant1_2412



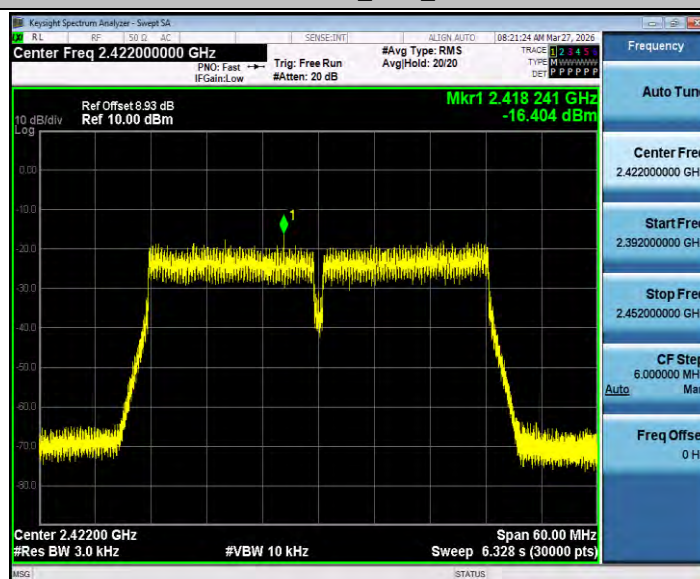
11N20SISO_Ant1_2437



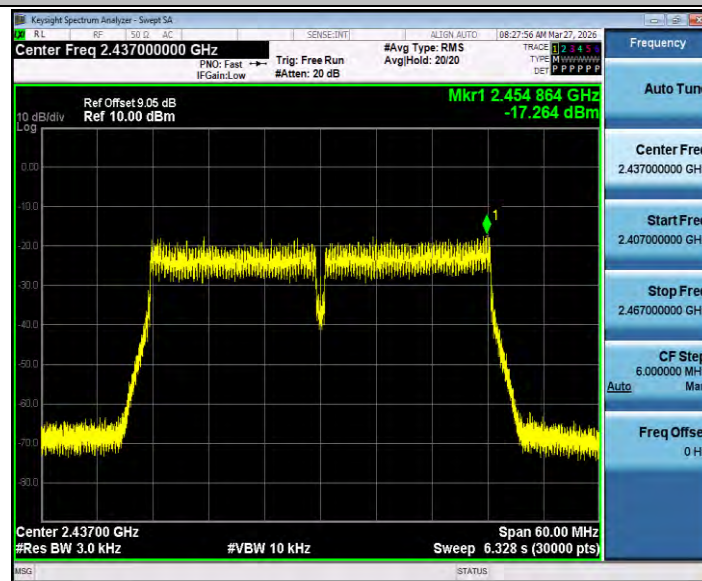
11N20SISO_Ant1_2462



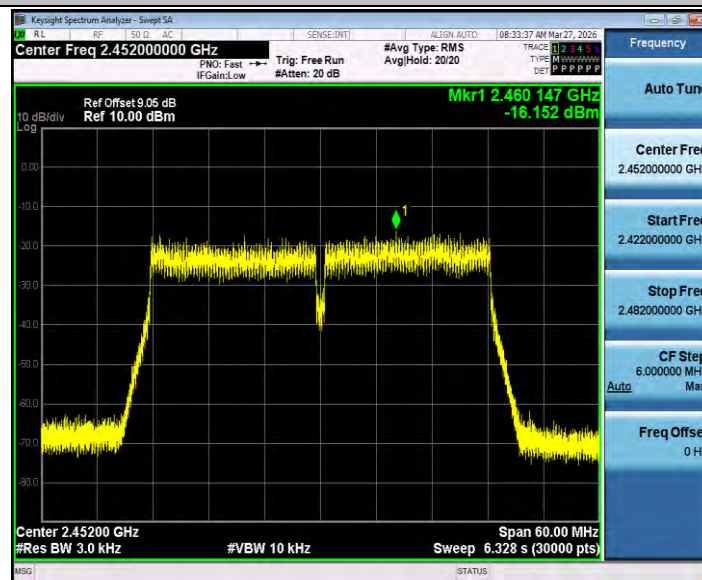
11N40SISO_Ant1_2422



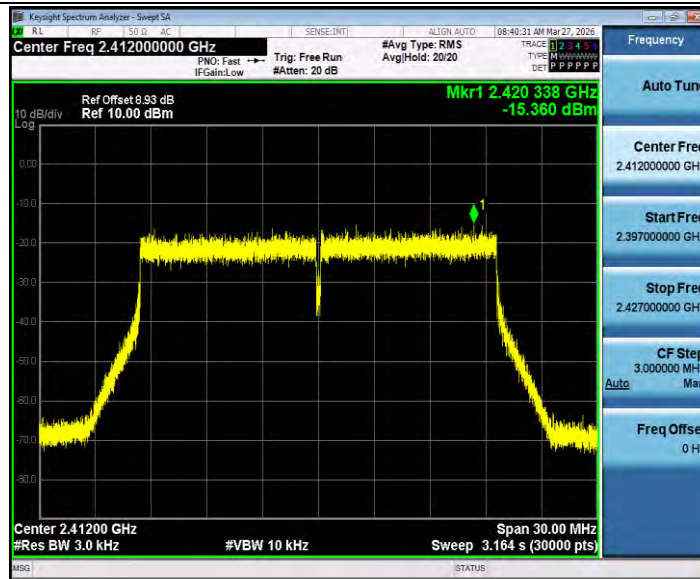
11N40SISO_Ant1_2437



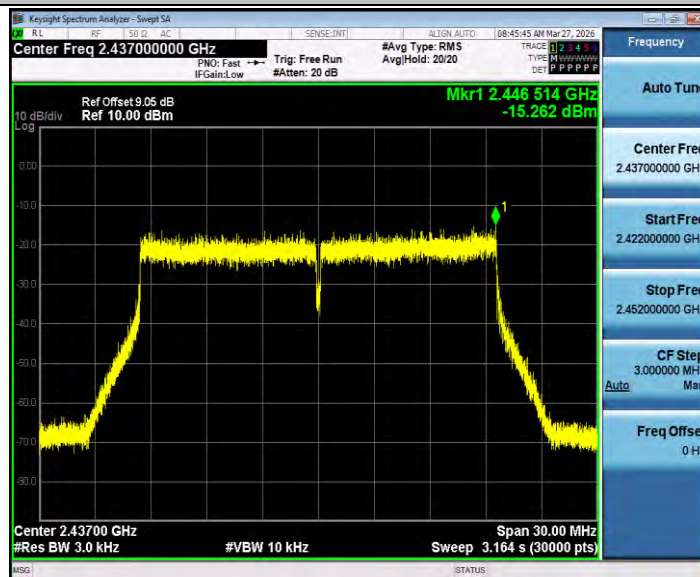
11N40SISO_Ant1_2452



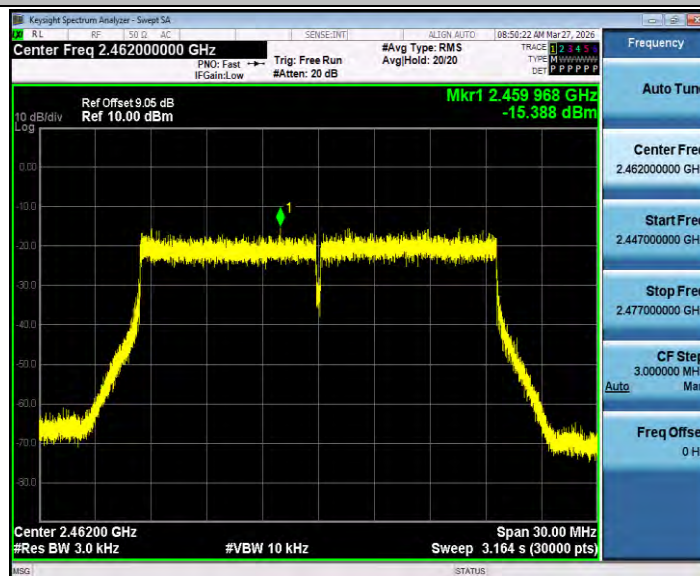
11AX20SISO_Ant1_2412



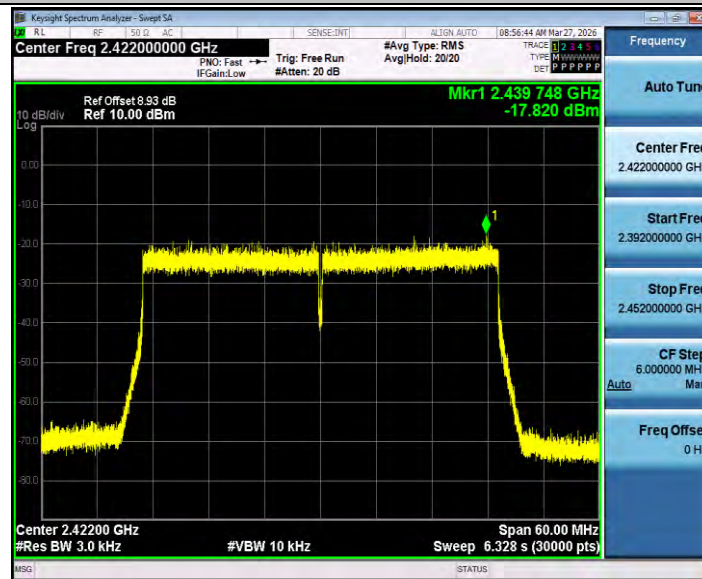
11AX20ISO_Ant1_2437



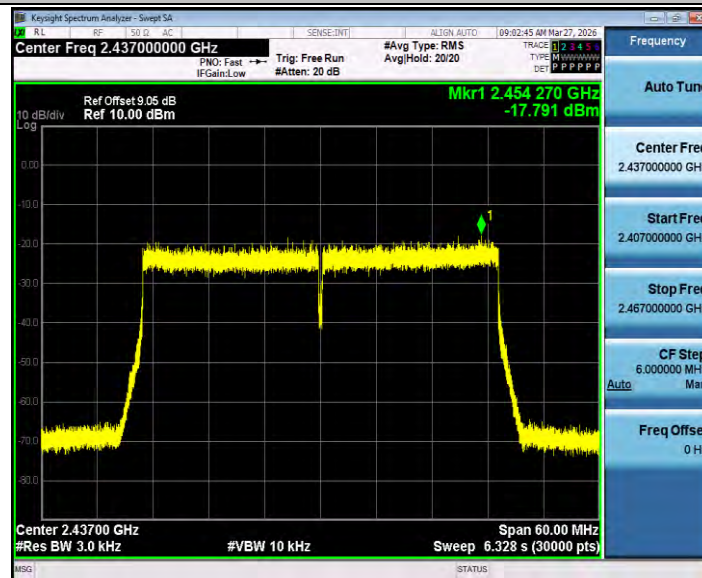
11AX20ISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



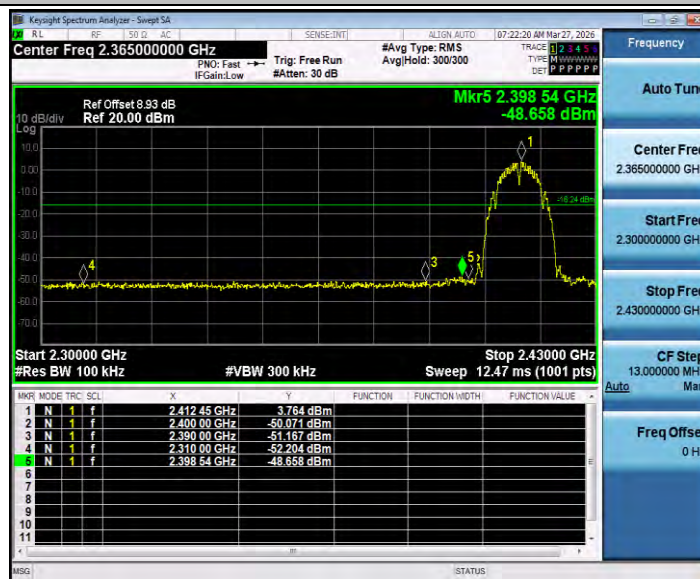
Appendix C.5:Band edge measurements

Test Result

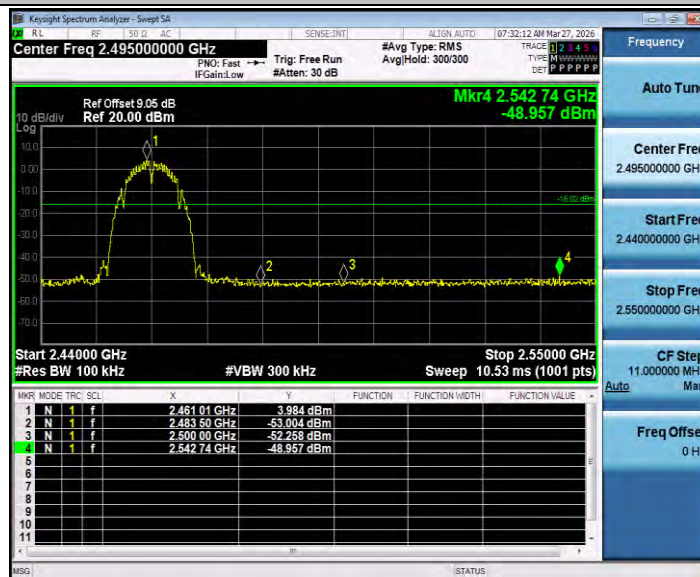
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.76	-48.66	≤ -16.24	PASS
		High	2462	3.98	-48.96	≤ -16.02	PASS
11G	Ant1	Low	2412	-1.09	-43.15	≤ -21.09	PASS
		High	2462	-0.53	-48.71	≤ -20.53	PASS
11N20SISO	Ant1	Low	2412	-1.23	-43.45	≤ -21.23	PASS
		High	2462	-1.01	-49.41	≤ -21.01	PASS
11N40SISO	Ant1	Low	2422	-4.10	-42.88	≤ -24.1	PASS
		High	2452	-2.80	-42.44	≤ -22.8	PASS
11AX20SISO	Ant1	Low	2412	-1.26	-40.56	≤ -21.26	PASS
		High	2462	-1.02	-49.5	≤ -21.02	PASS
11AX40SISO	Ant1	Low	2422	-4.36	-45.38	≤ -24.36	PASS
		High	2452	-3.88	-49.05	≤ -23.88	PASS

Test Graphs

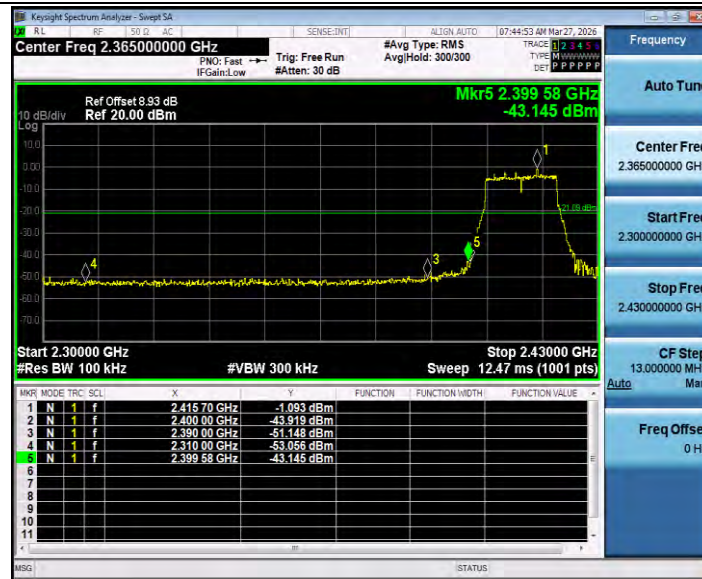
11B_Ant1_Low_2412



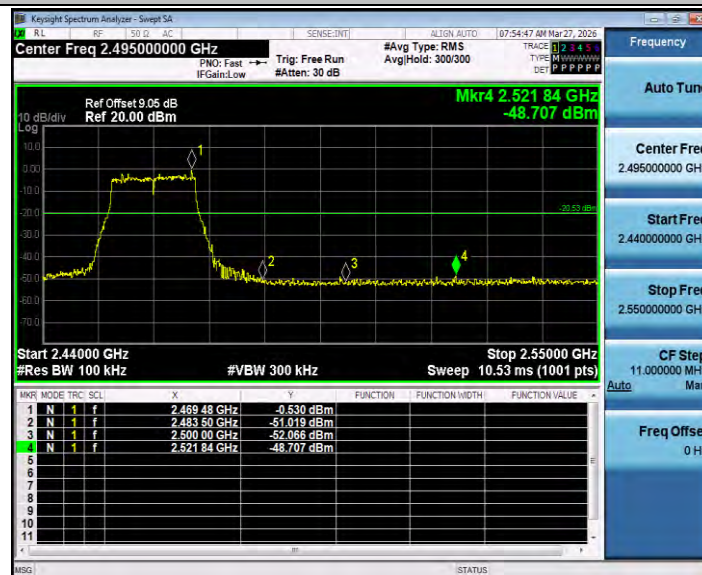
11B_Ant1_High_2462



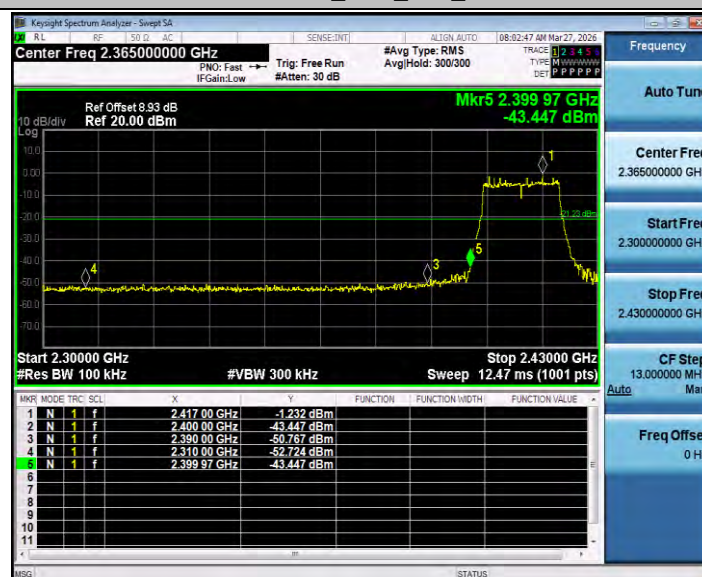
11G_Ant1_Low_2412



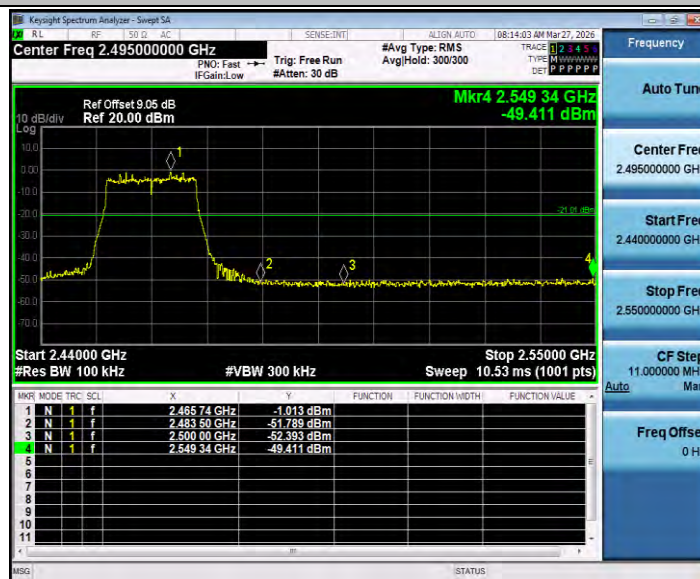
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



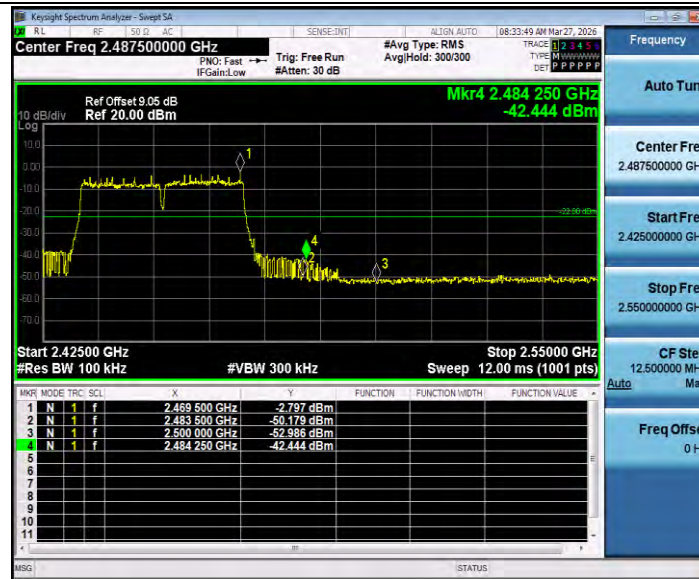
11N20SISO_Ant1_High_2462



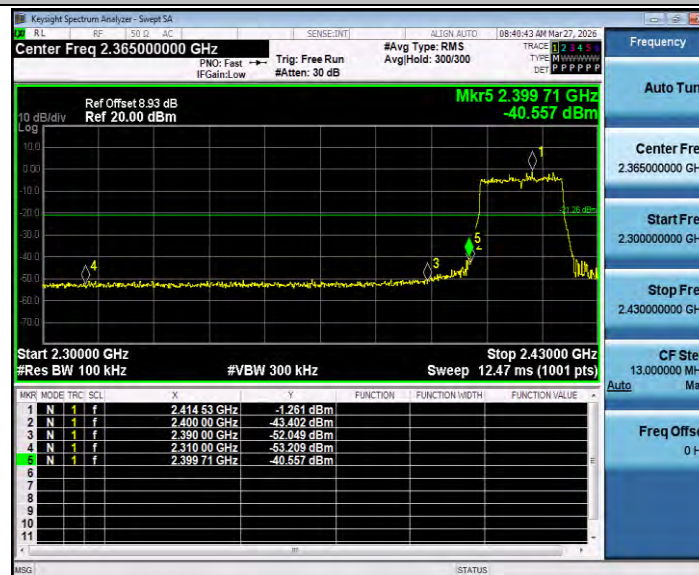
11N40SISO_Ant1_Low_2422



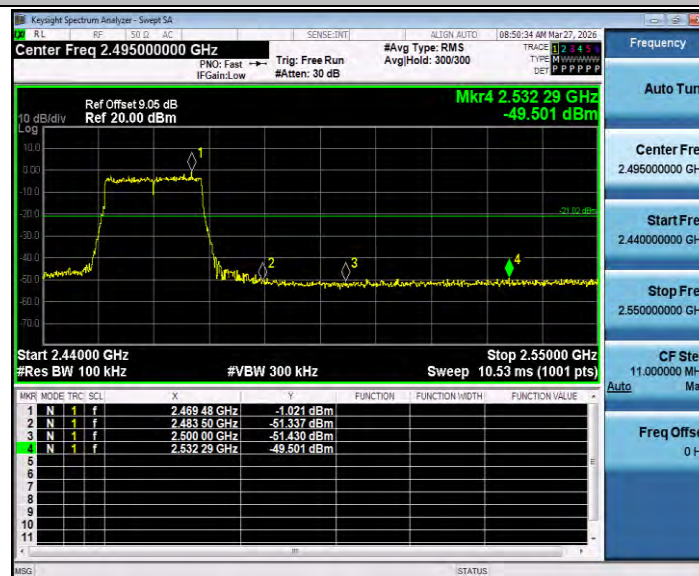
11N40SISO_Ant1_High_2452



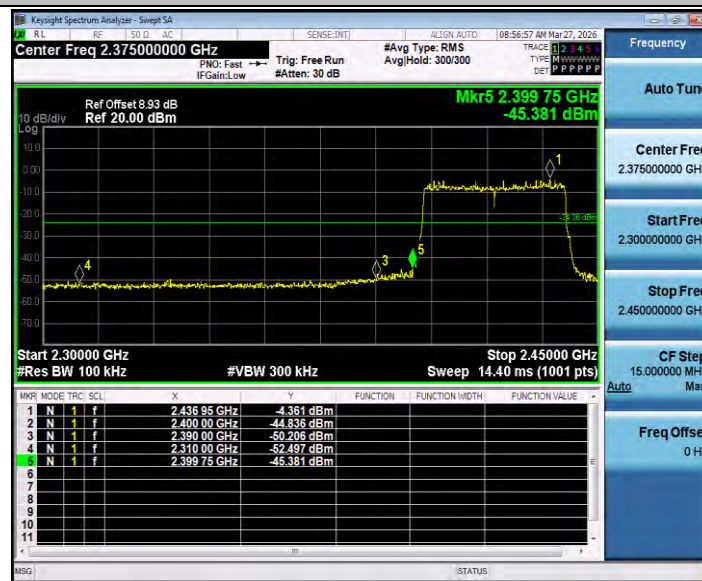
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

