

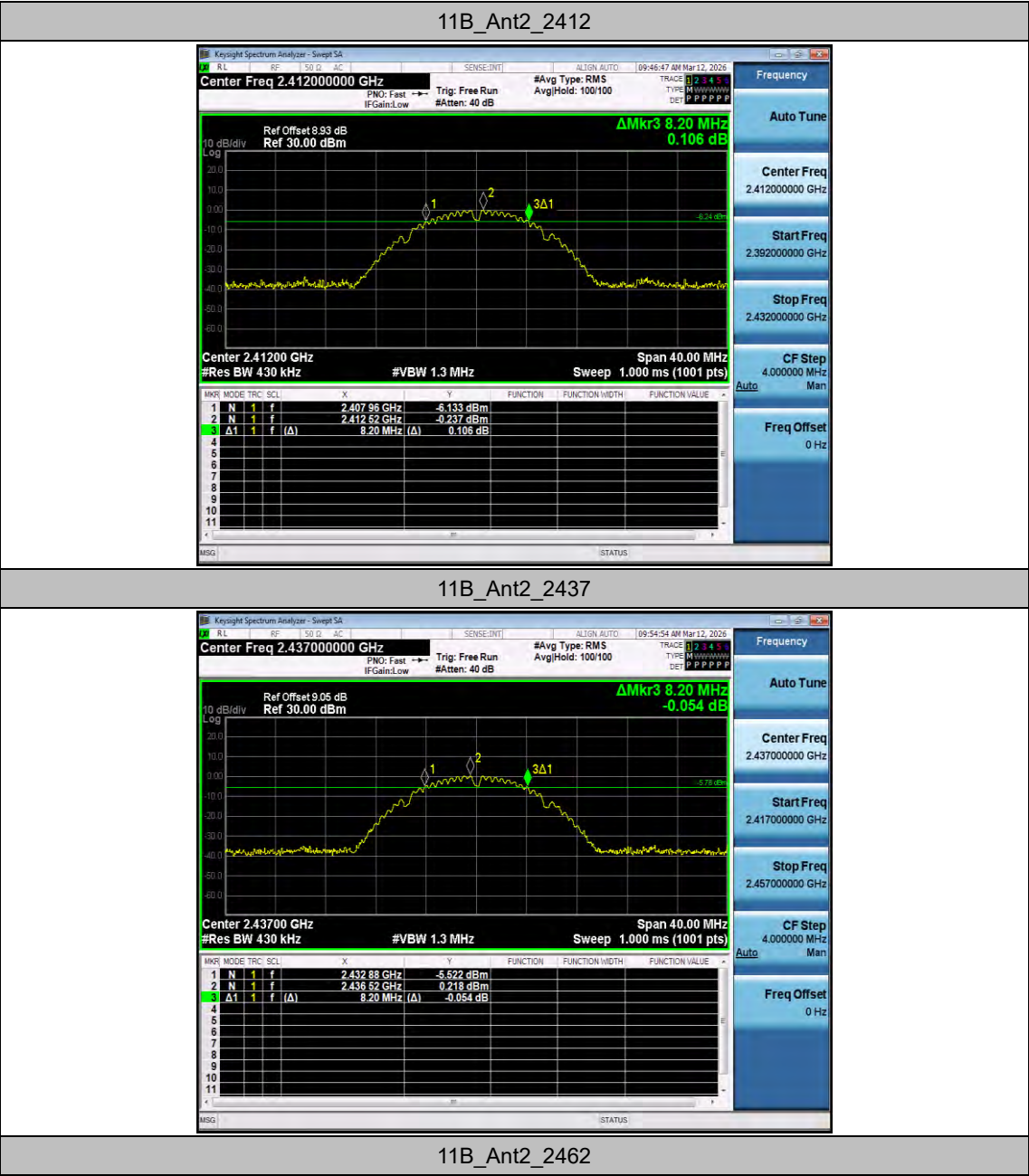
Case No. : <u>GTS20251231004-2-03</u>
Ambient Condition: <u>23°C, 49%RH,</u>
Test Date: <u>2025.12.18-2026.4.01</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	8.200	2407.960	2416.160	0.5	PASS
		2437	8.200	2432.880	2441.080	0.5	PASS
		2462	8.200	2457.960	2466.160	0.5	PASS
11G	Ant2	2412	16.160	2404.000	2420.160	0.5	PASS
		2437	16.640	2428.640	2445.280	0.5	PASS
		2462	16.440	2453.840	2470.280	0.5	PASS
11N20SISO	Ant2	2412	17.520	2403.280	2420.800	0.5	PASS
		2437	17.720	2428.200	2445.920	0.5	PASS
		2462	17.680	2453.200	2470.880	0.5	PASS
11N40SISO	Ant2	2422	32.560	2407.120	2439.680	0.5	PASS
		2437	37.040	2418.600	2455.640	0.5	PASS
		2452	35.760	2434.160	2469.920	0.5	PASS
11AX20SISO	Ant2	2412	18.120	2403.200	2421.320	0.5	PASS
		2437	19.040	2427.440	2446.480	0.5	PASS
		2462	18.800	2452.640	2471.440	0.5	PASS
11AX40SISO	Ant2	2422	30.160	2408.000	2438.160	0.5	PASS
		2437	36.720	2418.920	2455.640	0.5	PASS
		2452	37.840	2433.280	2471.120	0.5	PASS

Test Graphs





11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



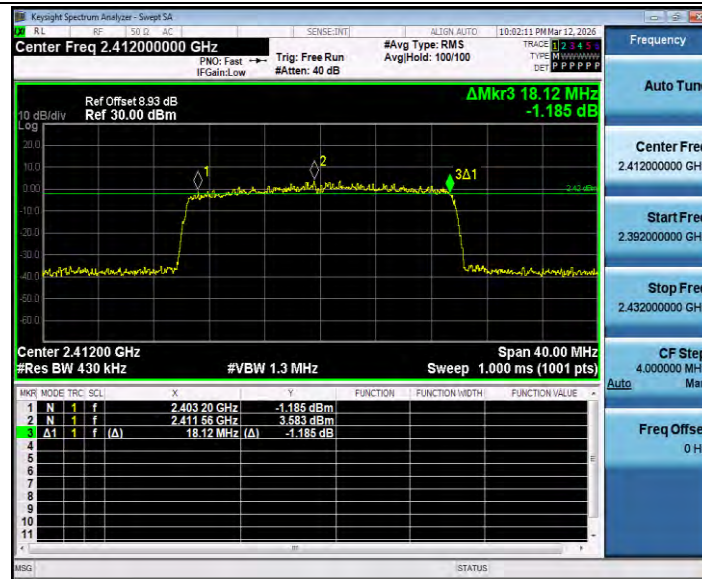
11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



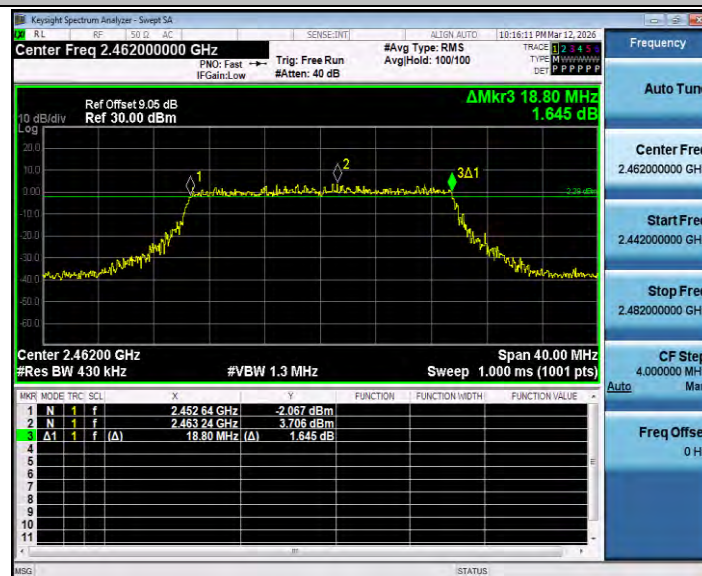
11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



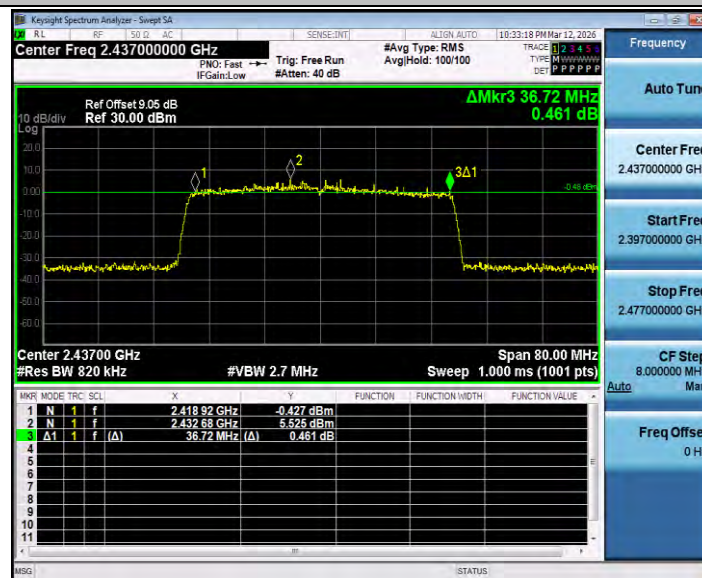
11AX20SISO_Ant2_2462



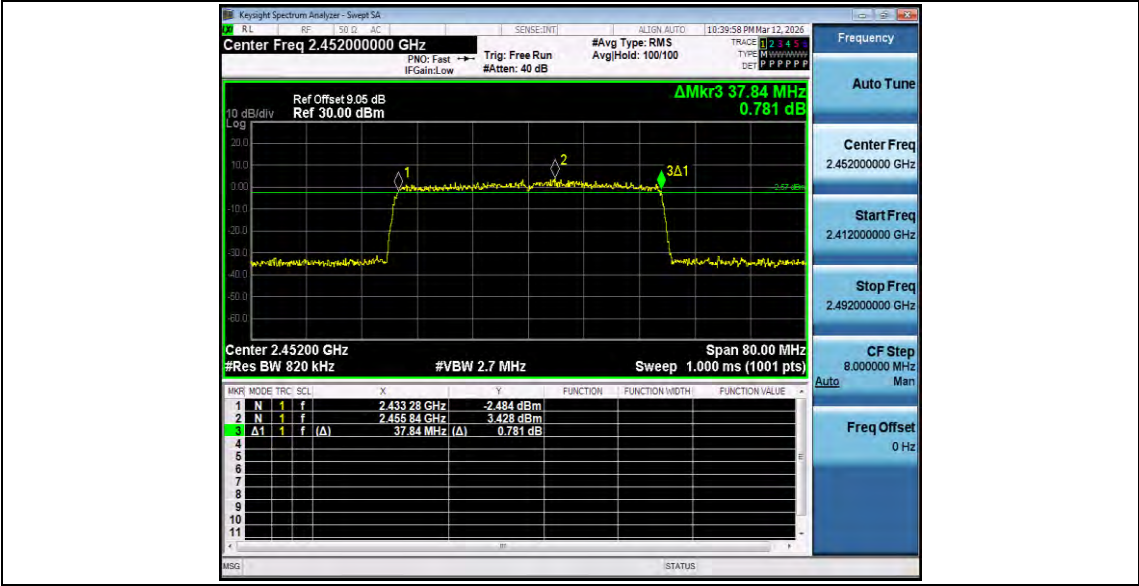
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452

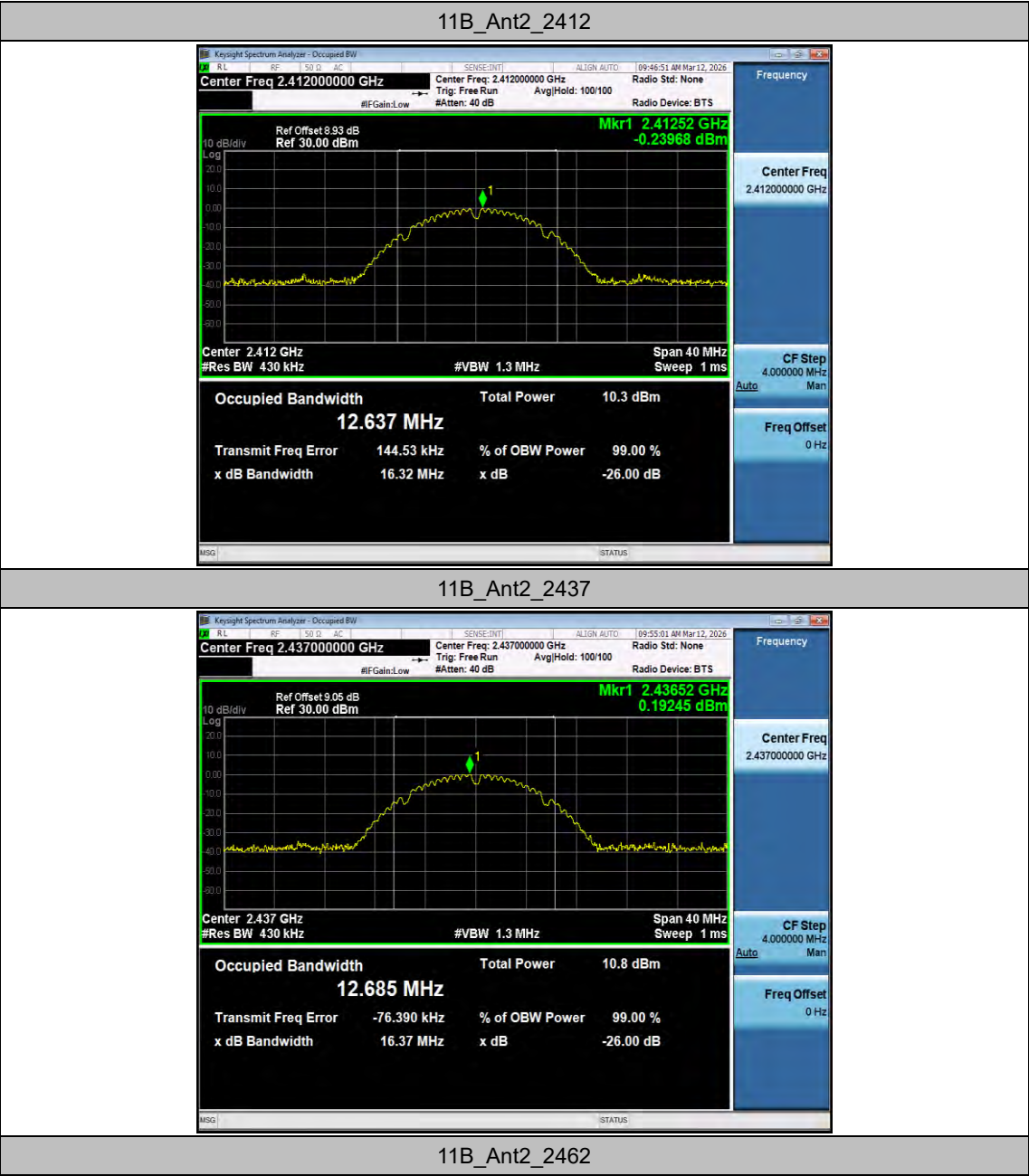


Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	12.637	2405.8260	2418.4630	---	---
		2437	12.685	2430.5811	2443.2661	---	---
		2462	12.638	2455.8048	2468.4428	---	---
11G	Ant2	2412	17.336	2403.5052	2420.8412	---	---
		2437	17.331	2428.3565	2445.6875	---	---
		2462	17.677	2453.2558	2470.9328	---	---
11N20SISO	Ant2	2412	18.106	2403.1128	2421.2188	---	---
		2437	18.512	2427.7524	2446.2644	---	---
		2462	18.757	2452.7020	2471.4590	---	---
11N40SISO	Ant2	2422	36.196	2404.0780	2440.2740	---	---
		2437	38.012	2418.2775	2456.2895	---	---
		2452	36.828	2433.5353	2470.3633	---	---
11AX20SISO	Ant2	2412	18.855	2402.6476	2421.5026	---	---
		2437	19.319	2427.3173	2446.6363	---	---
		2462	19.248	2452.4518	2471.6998	---	---
11AX40SISO	Ant2	2422	37.329	2403.4520	2440.7810	---	---
		2437	37.703	2418.2023	2455.9053	---	---
		2452	37.855	2433.0776	2470.9326	---	---

Test Graphs





11G_Ant2_2412



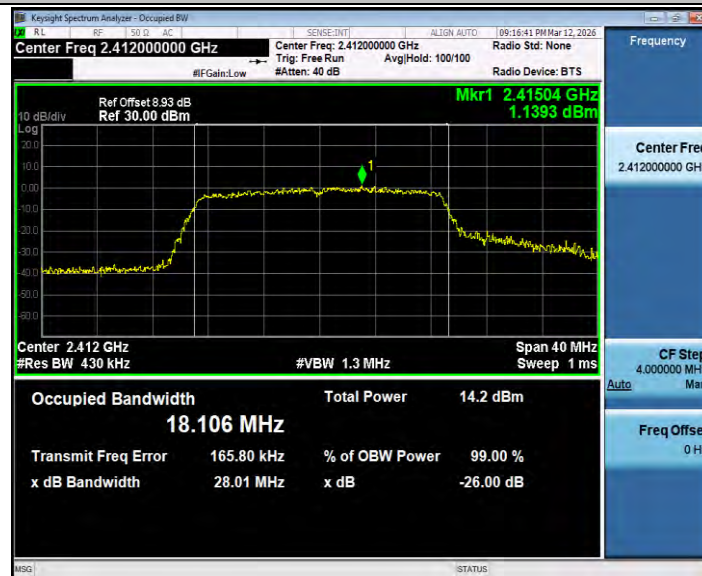
11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437



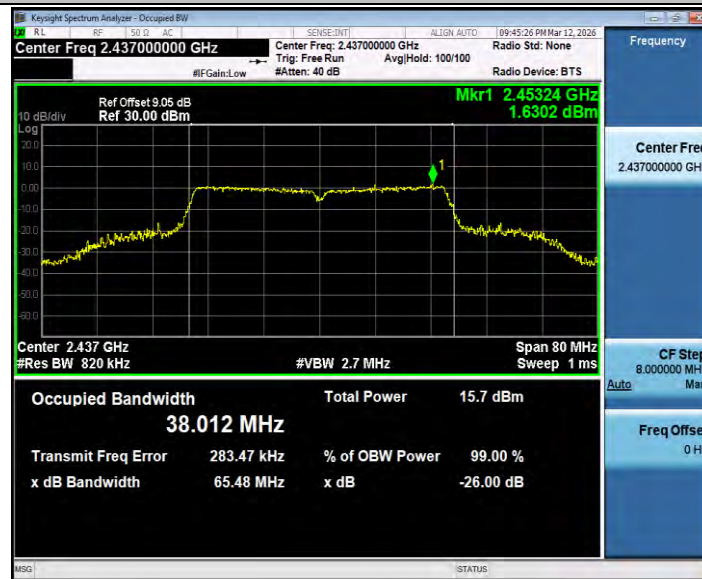
11N20SISO_Ant2_2462



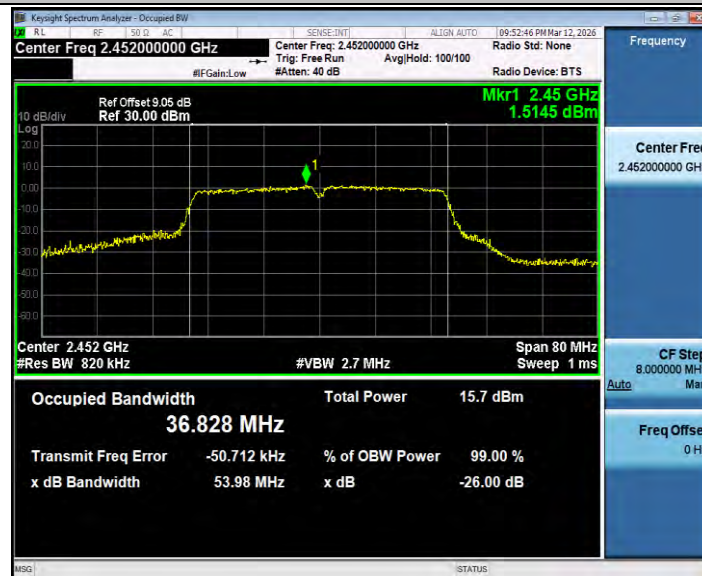
11N40SISO_Ant2_2422



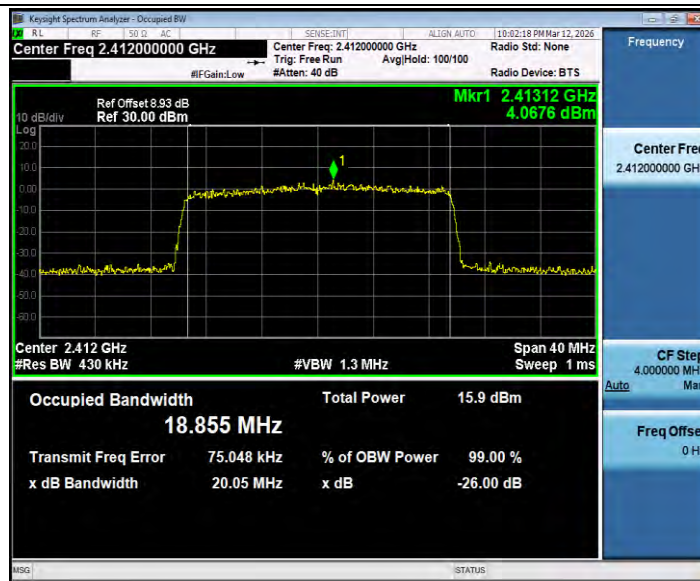
11N40SISO_Ant2_2437



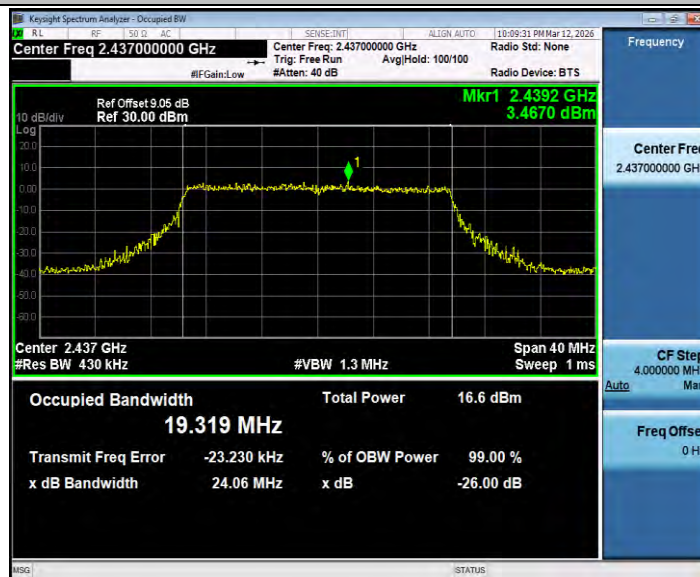
11N40SISO_Ant2_2452



11AX20SISO_Ant2_2412



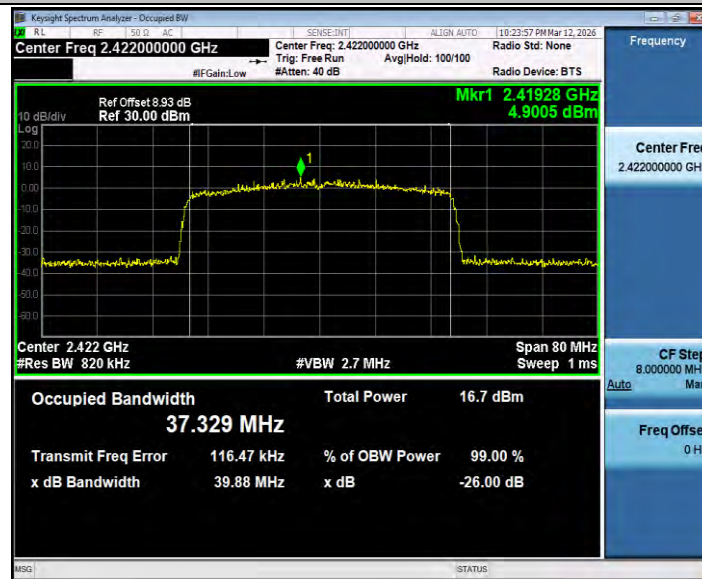
11AX20ISO_Ant2_2437



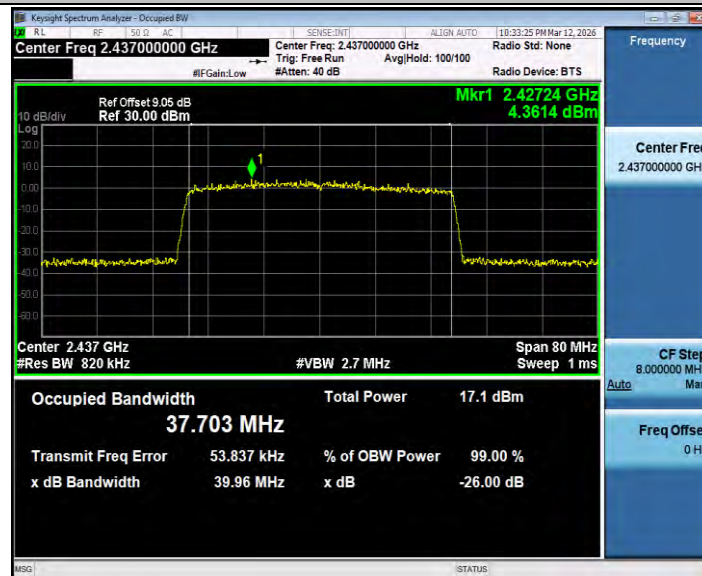
11AX20ISO_Ant2_2462



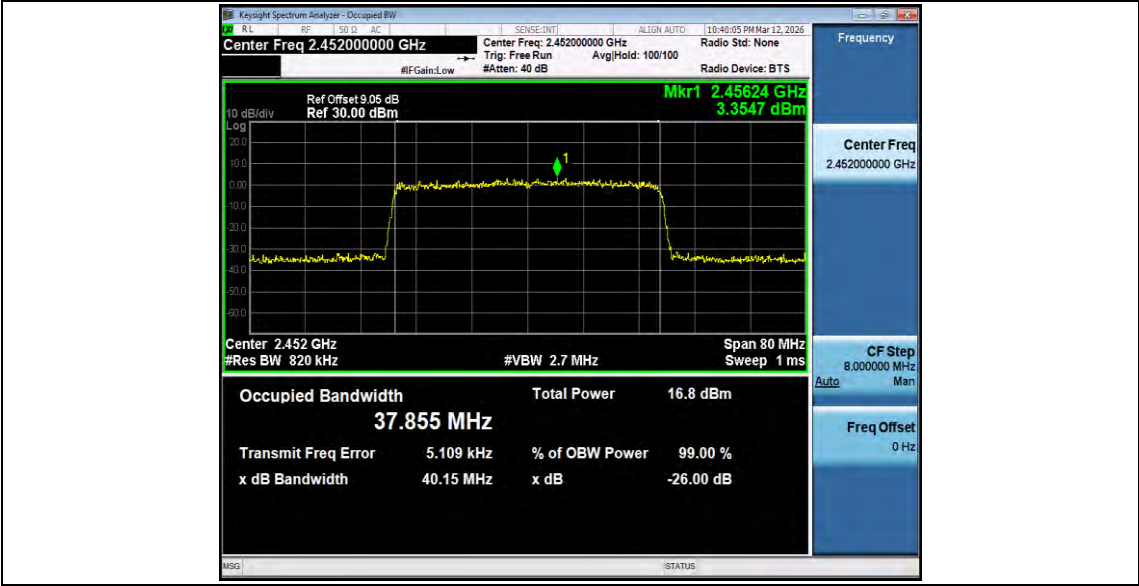
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	10.38	≤30.00	PASS
		2437	10.86	≤30.00	PASS
		2462	10.64	≤30.00	PASS
11G	Ant2	2412	14.42	≤30.00	PASS
		2437	16.77	≤30.00	PASS
		2462	15.25	≤30.00	PASS
11N20SISO	Ant2	2412	15.25	≤30.00	PASS
		2437	16.56	≤30.00	PASS
		2462	15.63	≤30.00	PASS
11N40SISO	Ant2	2422	15.67	≤30.00	PASS
		2437	15.90	≤30.00	PASS
		2452	15.95	≤30.00	PASS
11AX20SISO	Ant2	2412	16.47	≤30.00	PASS
		2437	17.40	≤30.00	PASS
		2462	17.16	≤30.00	PASS
11AX40SISO	Ant2	2422	16.70	≤30.00	PASS
		2437	17.20	≤30.00	PASS
		2452	17.03	≤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	Ant2	2412	-14.68	≤8.00	PASS
		2437	-13.17	≤8.00	PASS
		2462	-13.52	≤8.00	PASS
11G	Ant2	2412	-17.28	≤8.00	PASS
		2437	-15.60	≤8.00	PASS
		2462	-16.04	≤8.00	PASS
11N20SISO	Ant2	2412	-15.71	≤8.00	PASS
		2437	-14.89	≤8.00	PASS
		2462	-15.51	≤8.00	PASS
11N40SISO	Ant2	2422	-18.10	≤8.00	PASS
		2437	-18.27	≤8.00	PASS
		2452	-18.79	≤8.00	PASS
11AX20SISO	Ant2	2412	-16.72	≤8.00	PASS
		2437	-16.35	≤8.00	PASS
		2462	-17.06	≤8.00	PASS
11AX40SISO	Ant2	2422	-19.17	≤8.00	PASS
		2437	-18.29	≤8.00	PASS
		2452	-18.45	≤8.00	PASS

Test Graphs

11B_Ant2_2412



11B_Ant2_2437



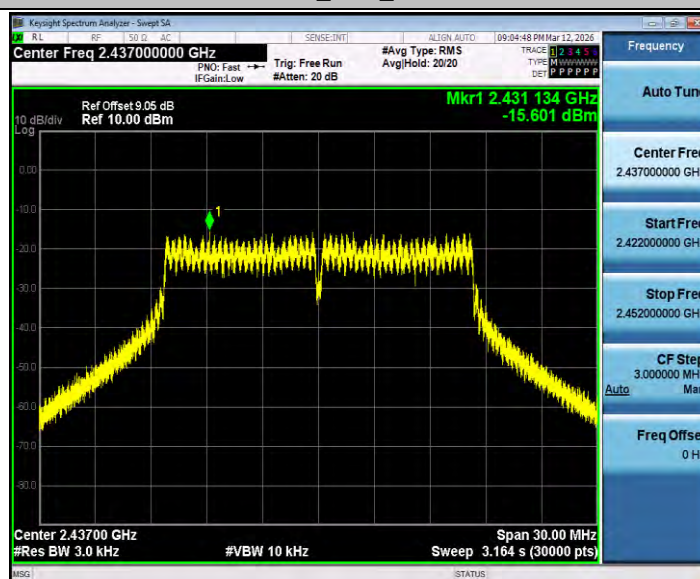
11B_Ant2_2462



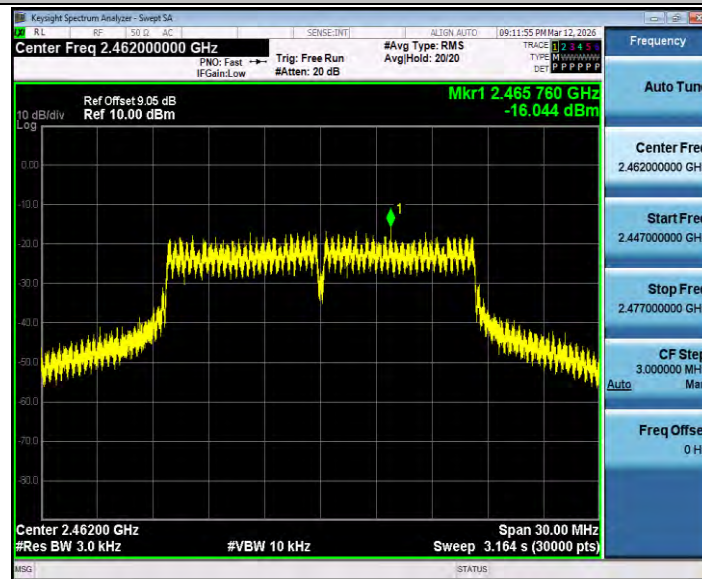
11G_Ant2_2412



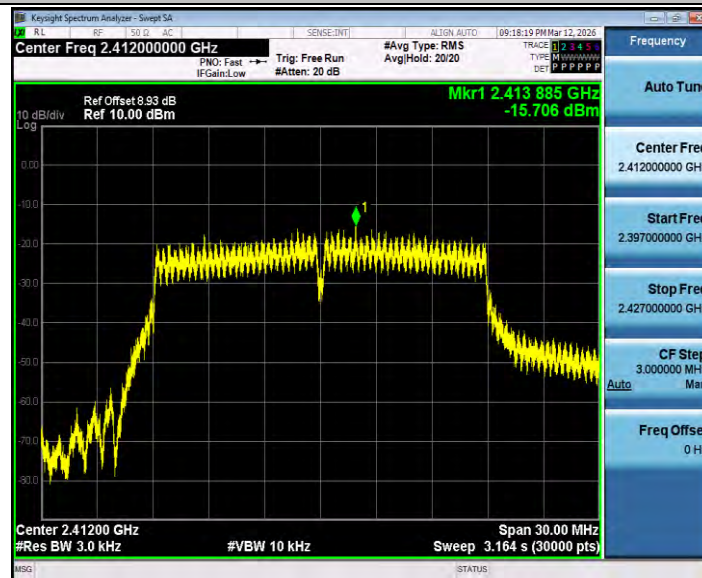
11G_Ant2_2437



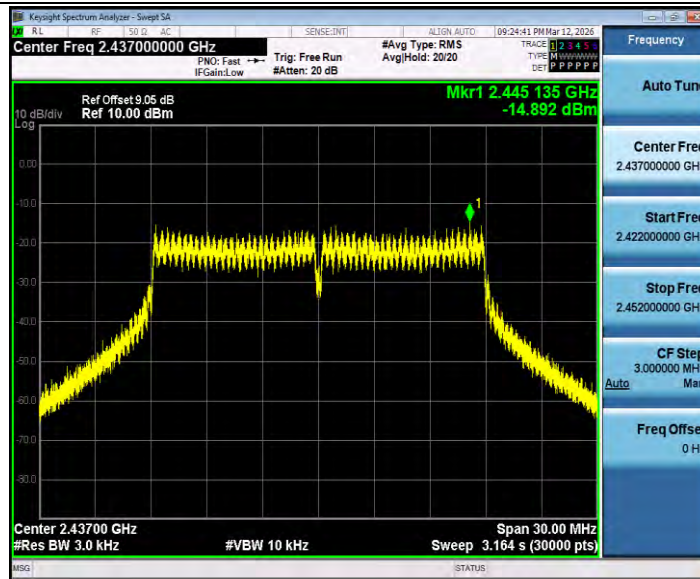
11G_Ant2_2462



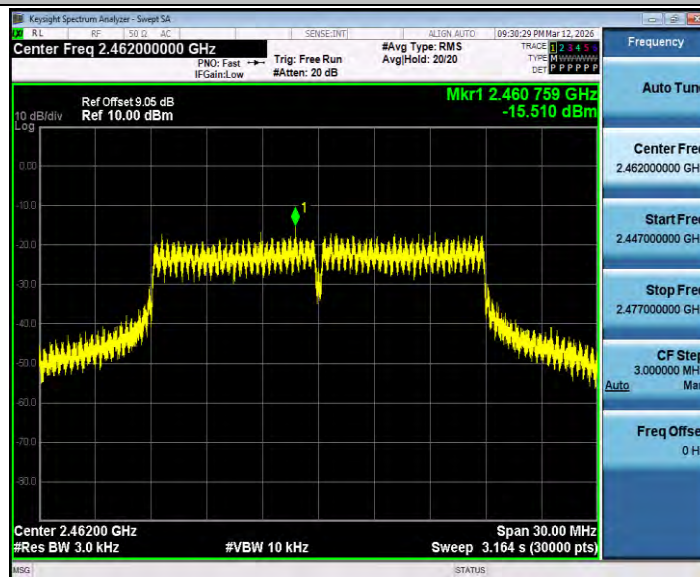
11N20SISO_Ant2_2412



11N20SISO_Ant2_2437



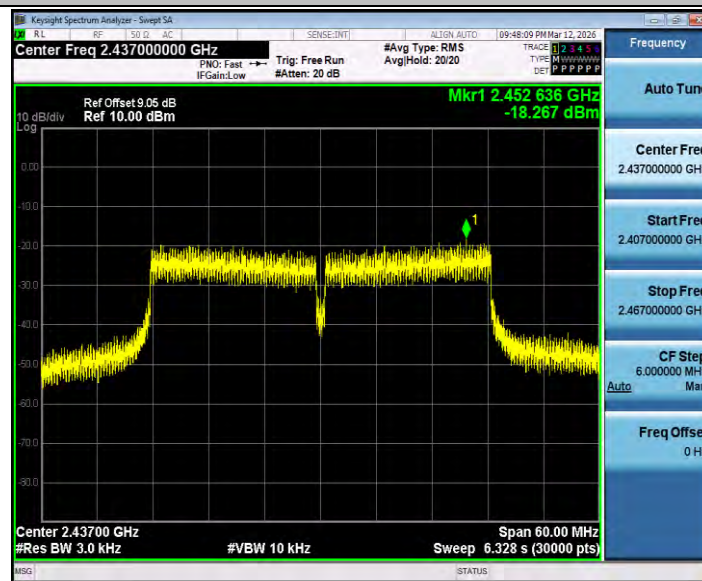
11N20SISO_Ant2_2462



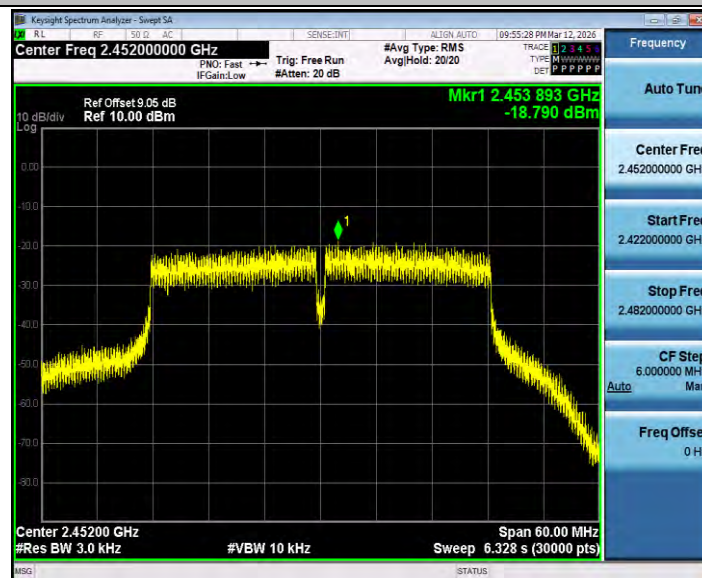
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



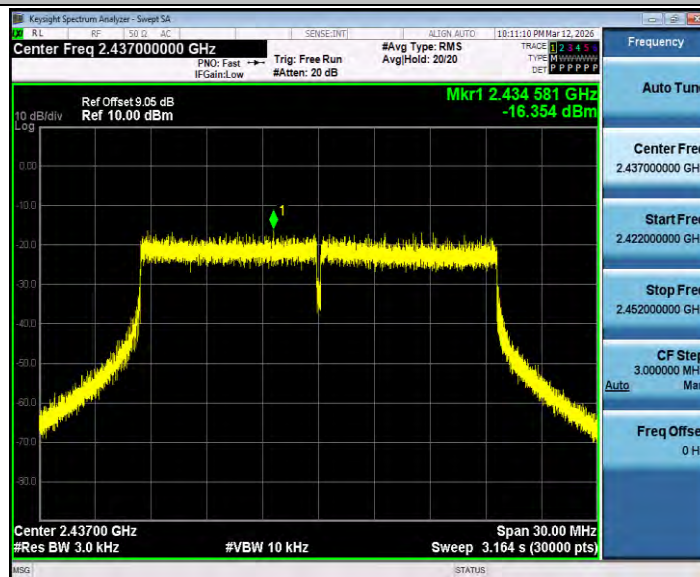
11N40SISO_Ant2_2452



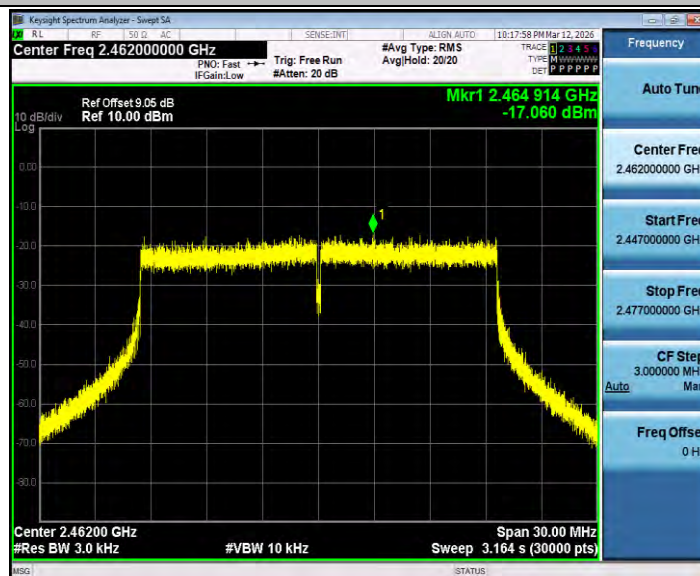
11AX20SISO_Ant2_2412



11AX20ISO_Ant2_2437



11AX20ISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	-0.45	-45.92	≤ -20.45	PASS
		High	2462	-0.13	-49.19	≤ -20.13	PASS
11G	Ant2	Low	2412	-6.11	-45.48	≤ -26.11	PASS
		High	2462	-5.28	-49.75	≤ -25.28	PASS
11N20SISO	Ant2	Low	2412	-5.33	-45.7	≤ -25.33	PASS
		High	2462	-5.21	-49.71	≤ -25.21	PASS
11N40SISO	Ant2	Low	2422	-7.07	-42.57	≤ -27.07	PASS
		High	2452	-8.04	-49.46	≤ -28.04	PASS
11AX20SISO	Ant2	Low	2412	-3.69	-47.29	≤ -23.69	PASS
		High	2462	-3.25	-49.66	≤ -23.25	PASS
11AX40SISO	Ant2	Low	2422	-5.60	-48.51	≤ -25.6	PASS
		High	2452	-5.97	-48.75	≤ -25.97	PASS

Test Graphs



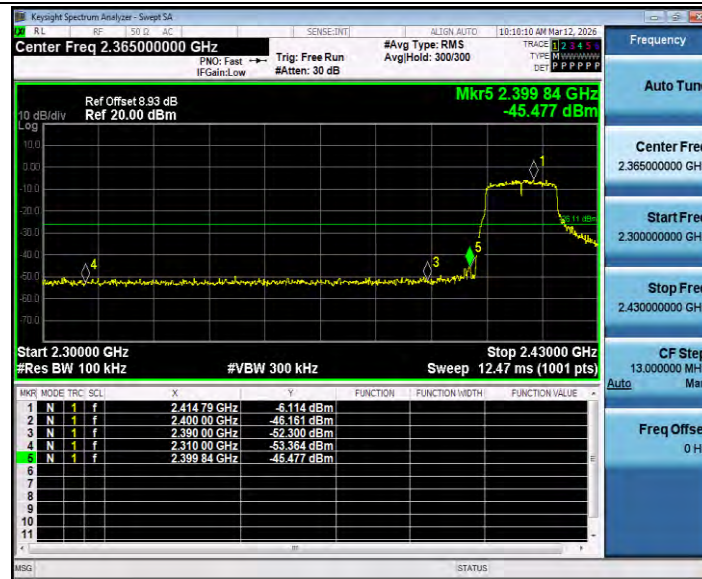
11B_Ant2_High_2462

Frequency

Auto Tune

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

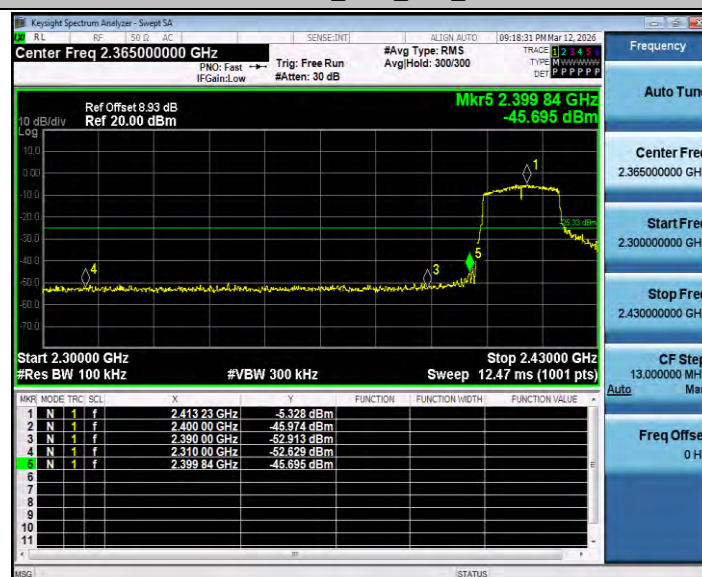
11G_Ant2_Low_2412

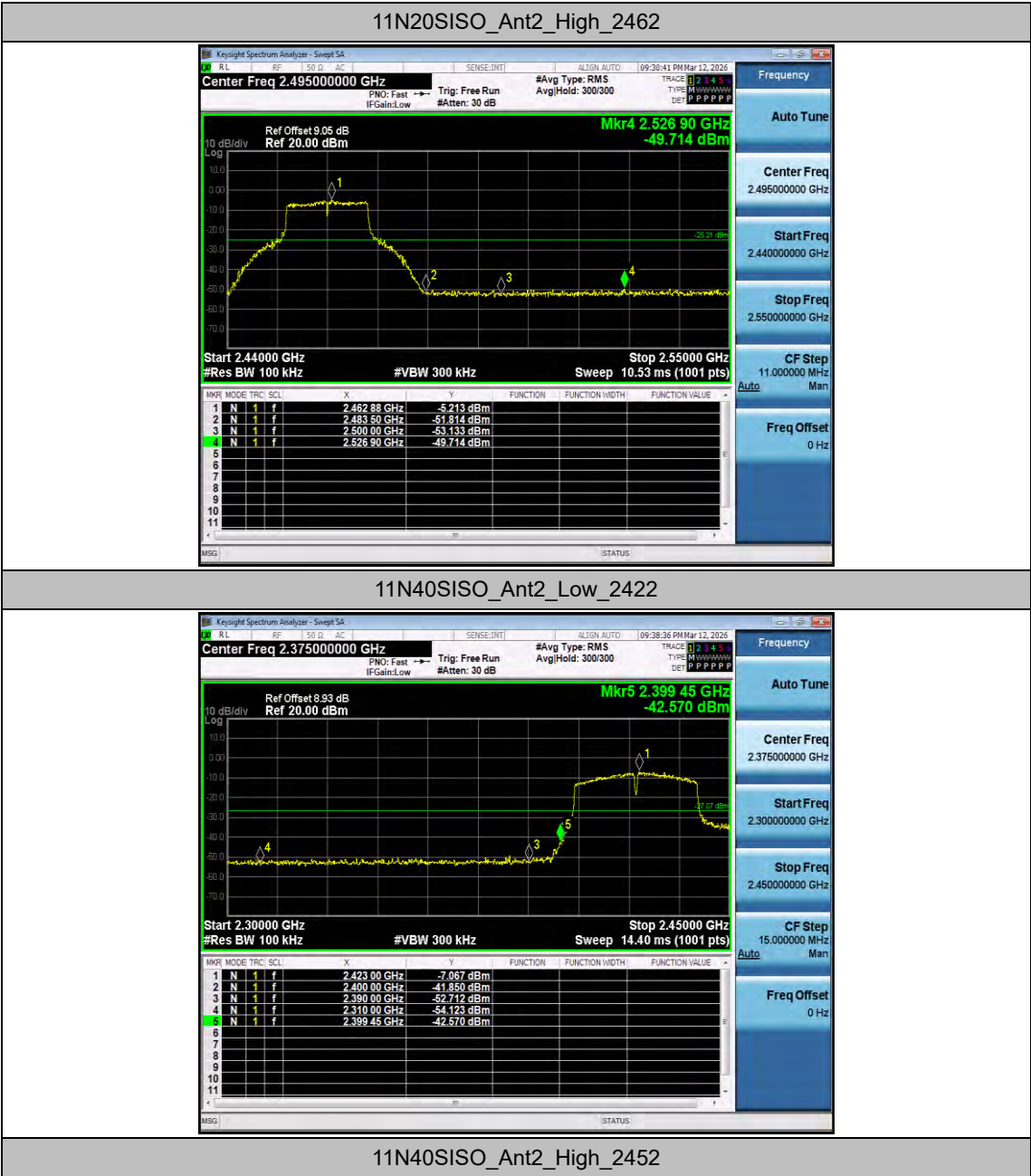


11G_Ant2_High_2462



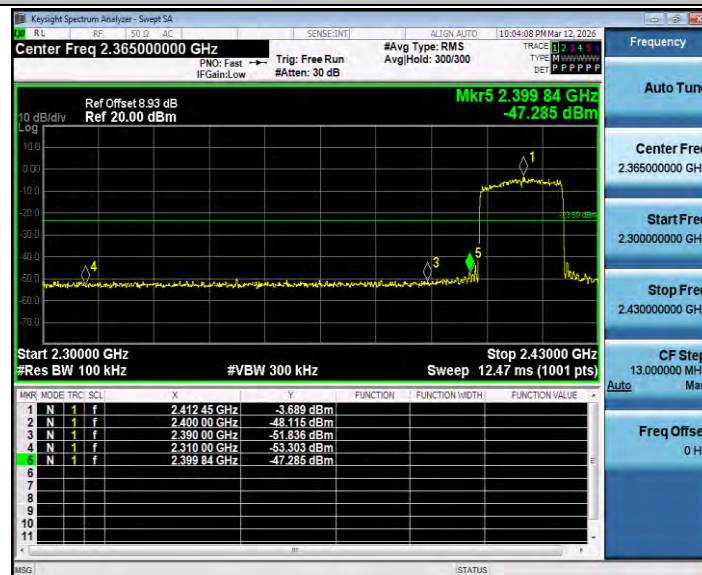
11N20SISO_Ant2_Low_2412



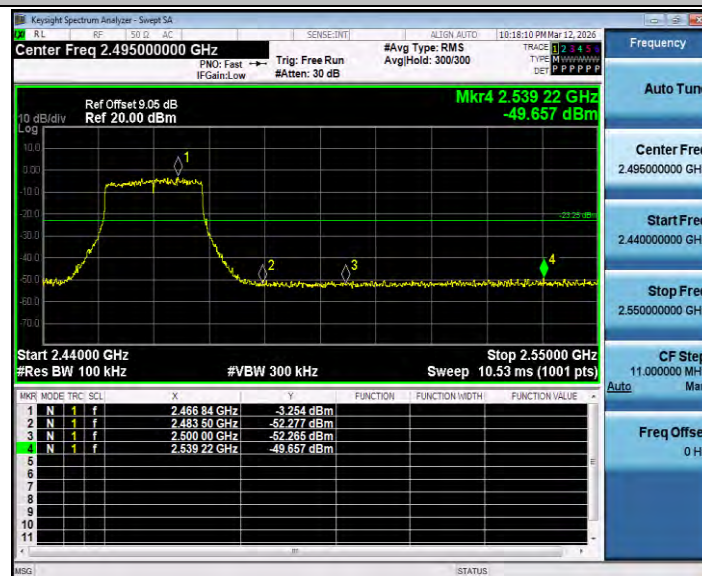




11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462



11AX40SISO_Ant2_Low_2422



11AX40SISO_Ant2_High_2452

