

Case No. : <u>GTS20260113019-1-11</u>
Ambient Condition: <u>23℃,55%RH,</u>
Test Date: <u>2026.1.17-2026.3.4</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	Ant2	2412	9.200	2407.400	2416.600	0.5	PASS
		2437	9.160	2432.440	2441.600	0.5	PASS
		2462	9.200	2457.400	2466.600	0.5	PASS
11G	Ant2	2412	16.160	2404.000	2420.160	0.5	PASS
		2437	15.840	2429.240	2445.080	0.5	PASS
		2462	15.880	2454.080	2469.960	0.5	PASS
11N20SISO	Ant2	2412	16.920	2403.640	2420.560	0.5	PASS
		2437	16.920	2428.600	2445.520	0.5	PASS
		2462	16.920	2453.520	2470.440	0.5	PASS
11N40SISO	Ant2	2422	35.680	2404.240	2439.920	0.5	PASS
		2437	34.960	2419.960	2454.920	0.5	PASS
		2452	35.360	2434.320	2469.680	0.5	PASS

Test Graphs





11G_Ant2_2412



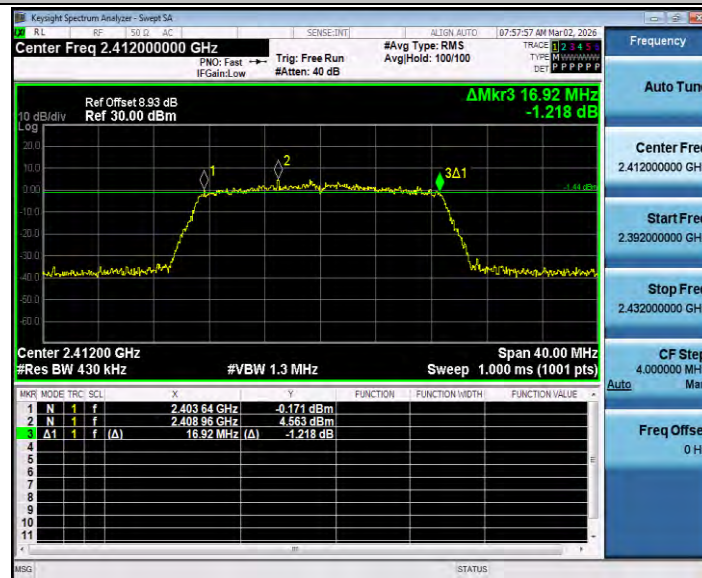
11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437



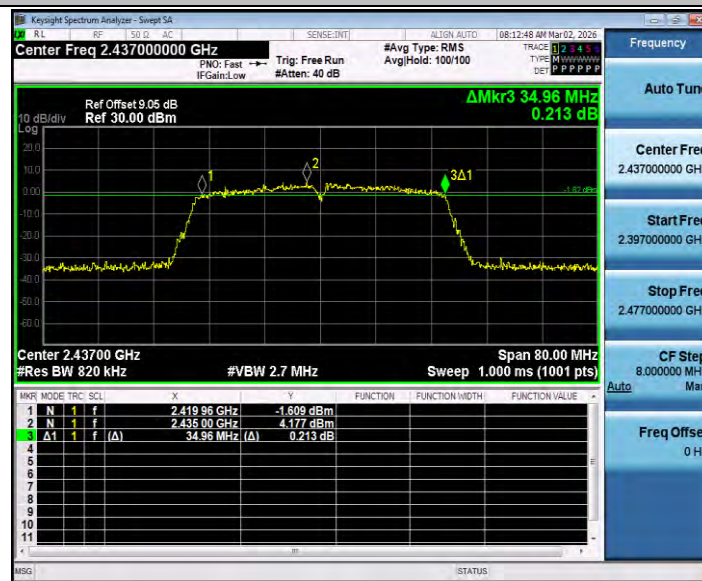
11N20SISO_Ant2_2462



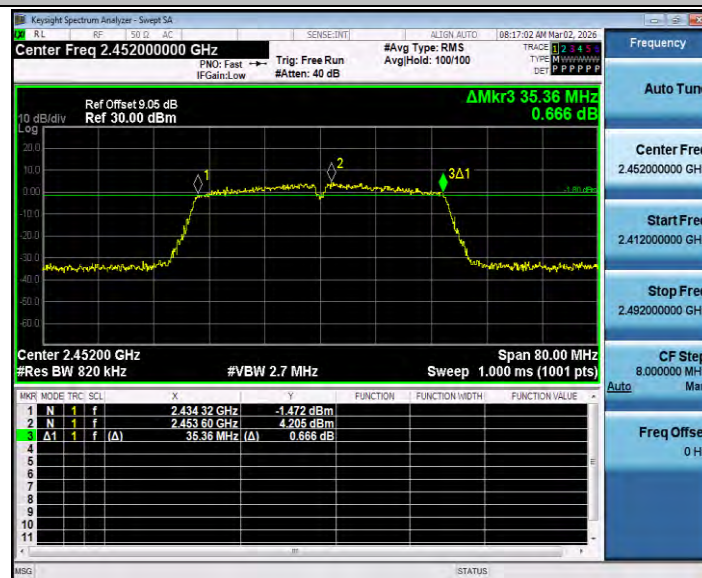
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



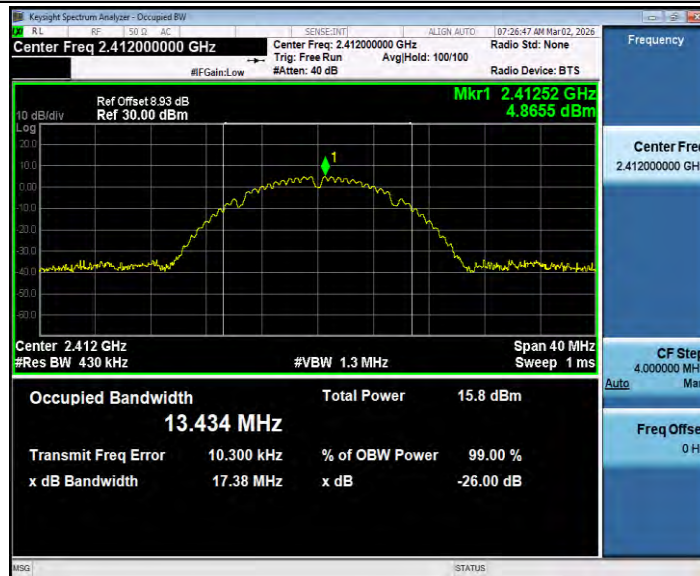
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.434	2405.2933	2418.7273	---	---
		2437	13.374	2430.3653	2443.7393	---	---
		2462	13.361	2455.3276	2468.6886	---	---
11G	Ant2	2412	16.892	2403.5309	2420.4229	---	---
		2437	16.892	2428.5419	2445.4339	---	---
		2462	16.709	2453.6264	2470.3354	---	---
11N20SISO	Ant2	2412	17.698	2403.1642	2420.8622	---	---
		2437	17.668	2428.1994	2445.8674	---	---
		2462	17.687	2453.1694	2470.8564	---	---
11N40SISO	Ant2	2422	36.226	2403.9428	2440.1688	---	---
		2437	36.098	2419.0370	2455.1350	---	---
		2452	36.101	2434.0445	2470.1455	---	---

Test Graphs

11B_Ant2_2412



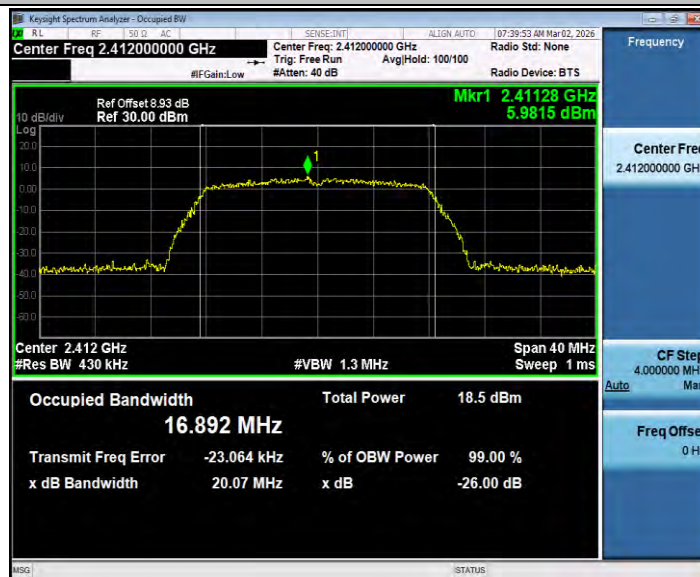
11B_Ant2_2437



11B_Ant2_2462



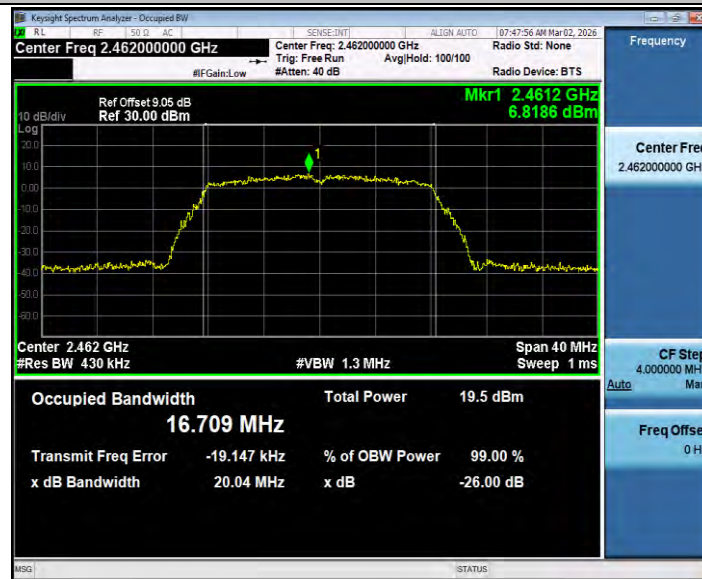
11G_Ant2_2412



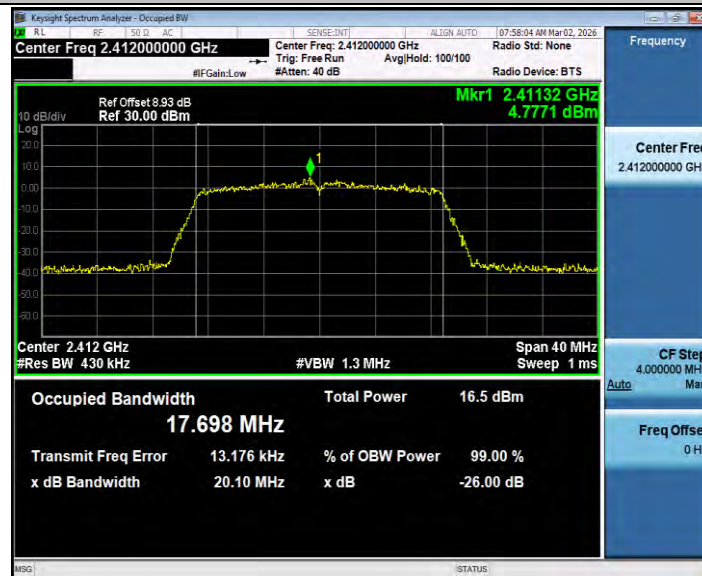
11G_Ant2_2437



11G_Ant2_2462



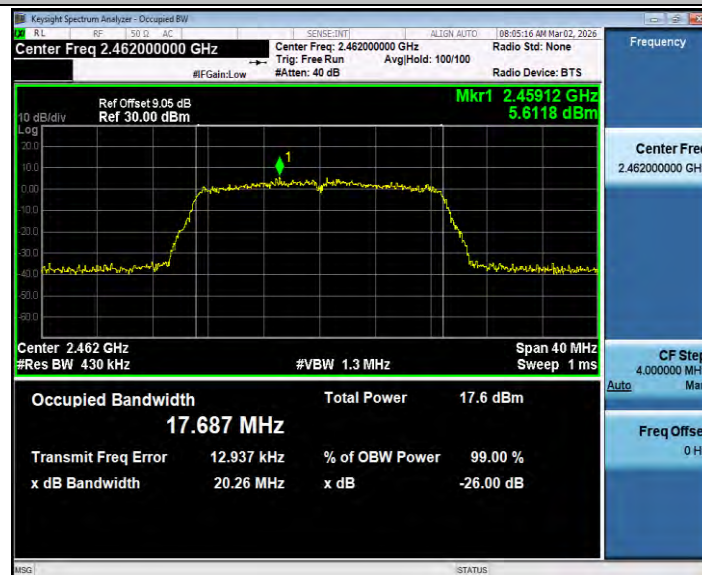
11N20SISO_Ant2_2412



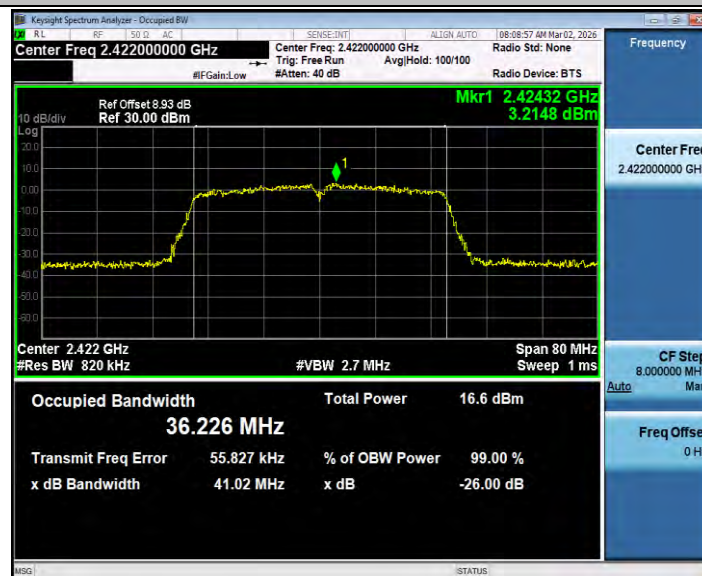
11N20SISO_Ant2_2437



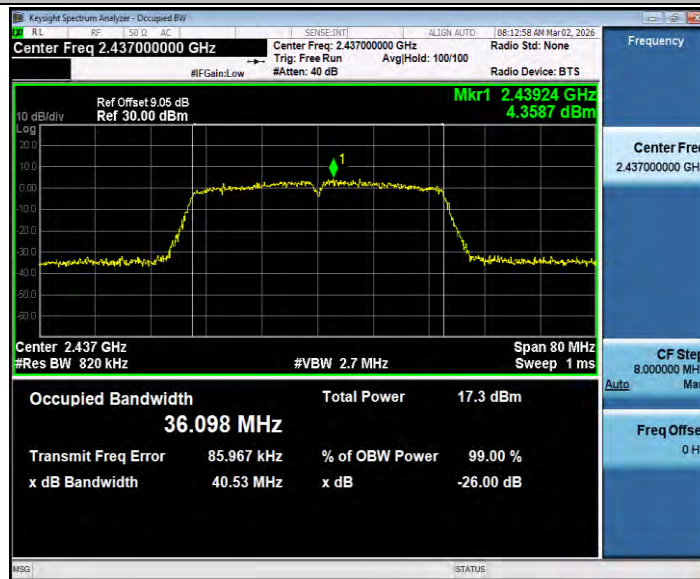
11N20SISO_Ant2_2462



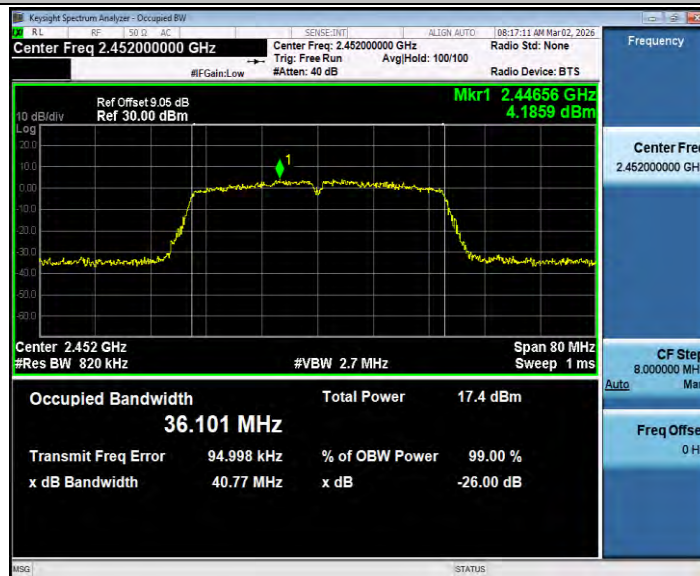
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

TestMode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	15.88	≤30.00	PASS
		2437	16.87	≤30.00	PASS
		2462	17.07	≤30.00	PASS
11G	Ant2	2412	19.75	≤30.00	PASS
		2437	20.29	≤30.00	PASS
		2462	20.81	≤30.00	PASS
11N20SISO	Ant2	2412	17.25	≤30.00	PASS
		2437	17.97	≤30.00	PASS
		2462	18.47	≤30.00	PASS
11N40SISO	Ant2	2422	16.74	≤30.00	PASS
		2437	17.33	≤30.00	PASS
		2452	17.65	≤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	0.17	≤8.00	PASS
		2437	-2.51	≤8.00	PASS
		2462	1.36	≤8.00	PASS
11G	Ant2	2412	-14.17	≤8.00	PASS
		2437	-13.74	≤8.00	PASS
		2462	-11.81	≤8.00	PASS
11N20SISO	Ant2	2412	-15.99	≤8.00	PASS
		2437	-15.23	≤8.00	PASS
		2462	-13.89	≤8.00	PASS
11N40SISO	Ant2	2422	-17.48	≤8.00	PASS
		2437	-18.26	≤8.00	PASS
		2452	-17.13	≤8.00	PASS

Test Graphs

11B_Ant2_2412



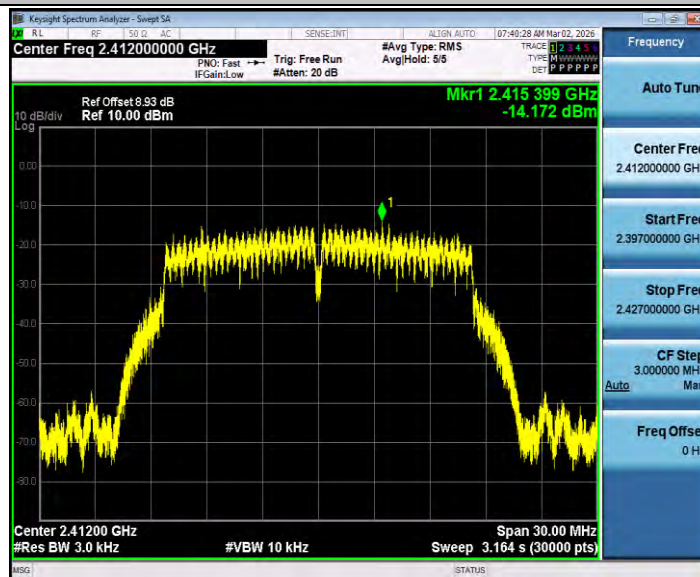
11B_Ant2_2437



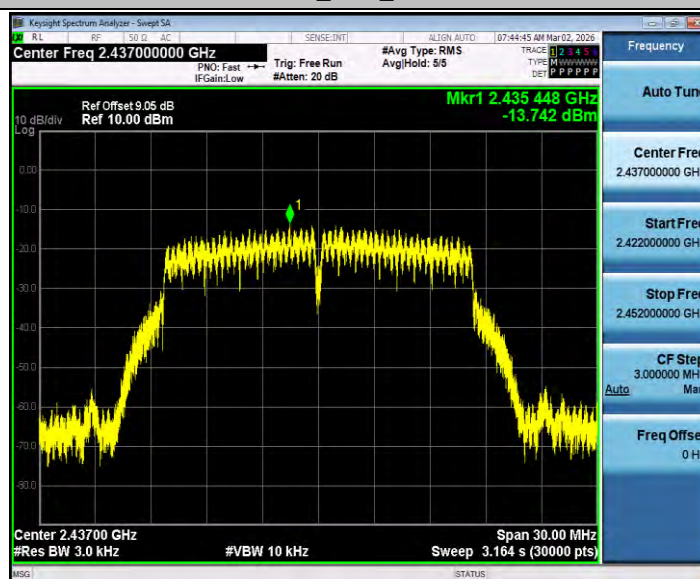
11B_Ant2_2462



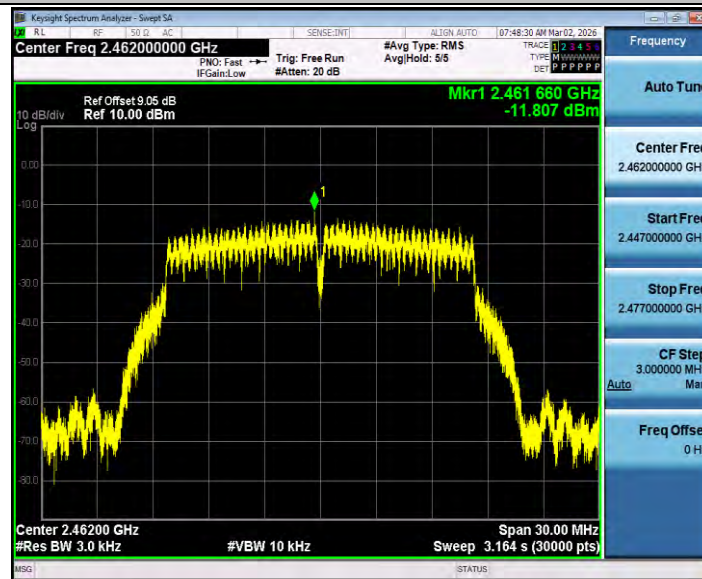
11G_Ant2_2412



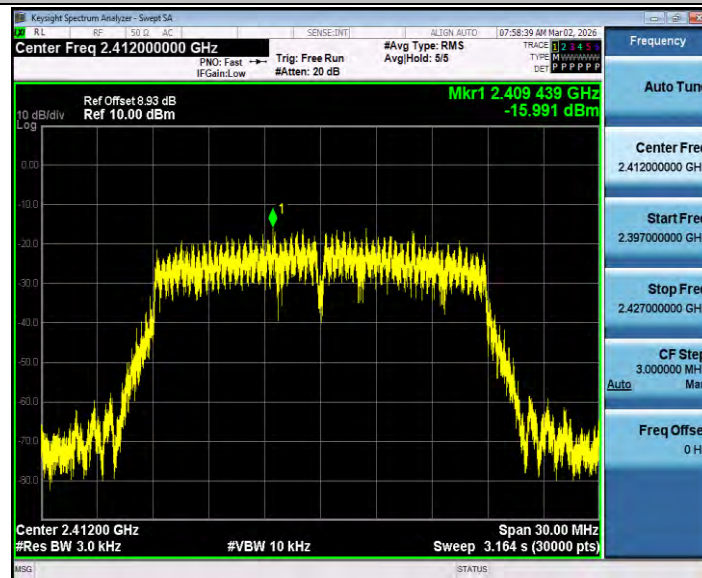
11G_Ant2_2437



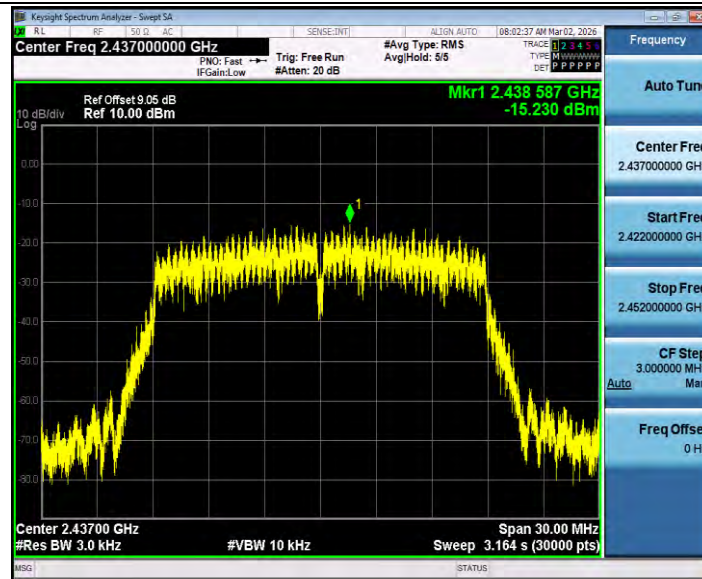
11G_Ant2_2462



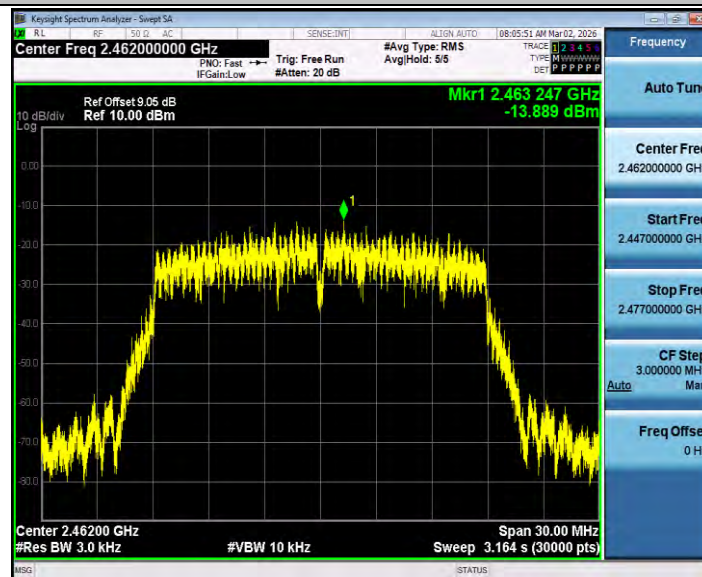
11N20SISO_Ant2_2412



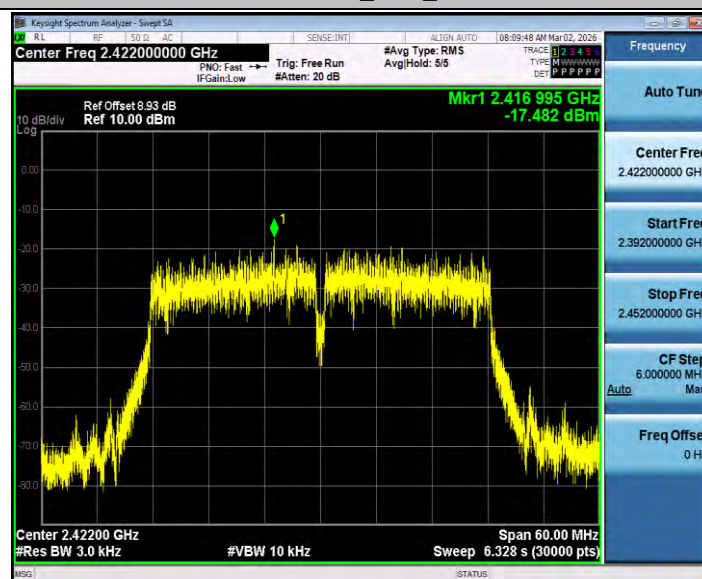
11N20SISO_Ant2_2437



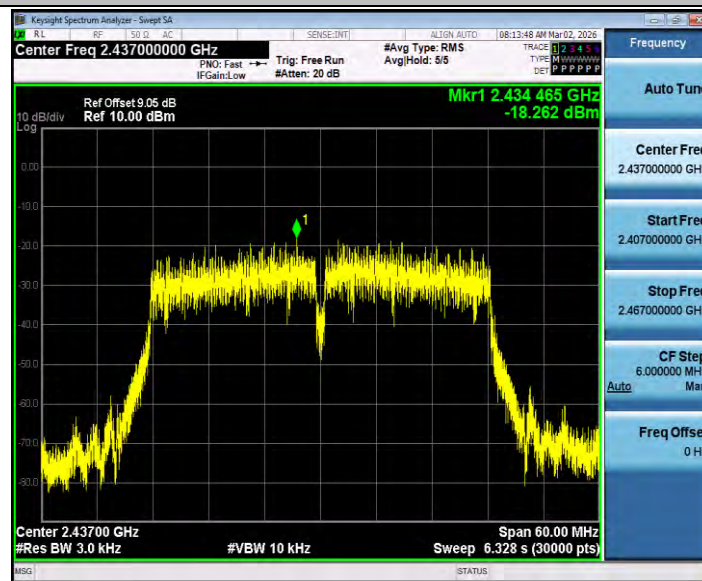
11N20SISO_Ant2_2462



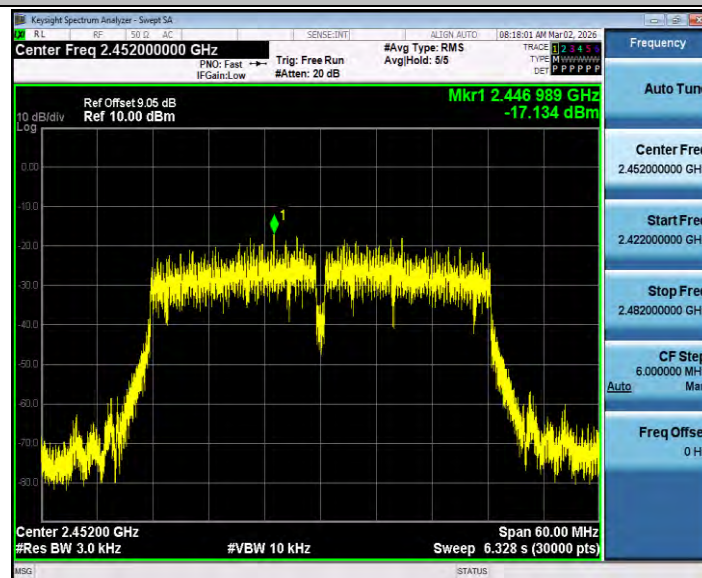
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452

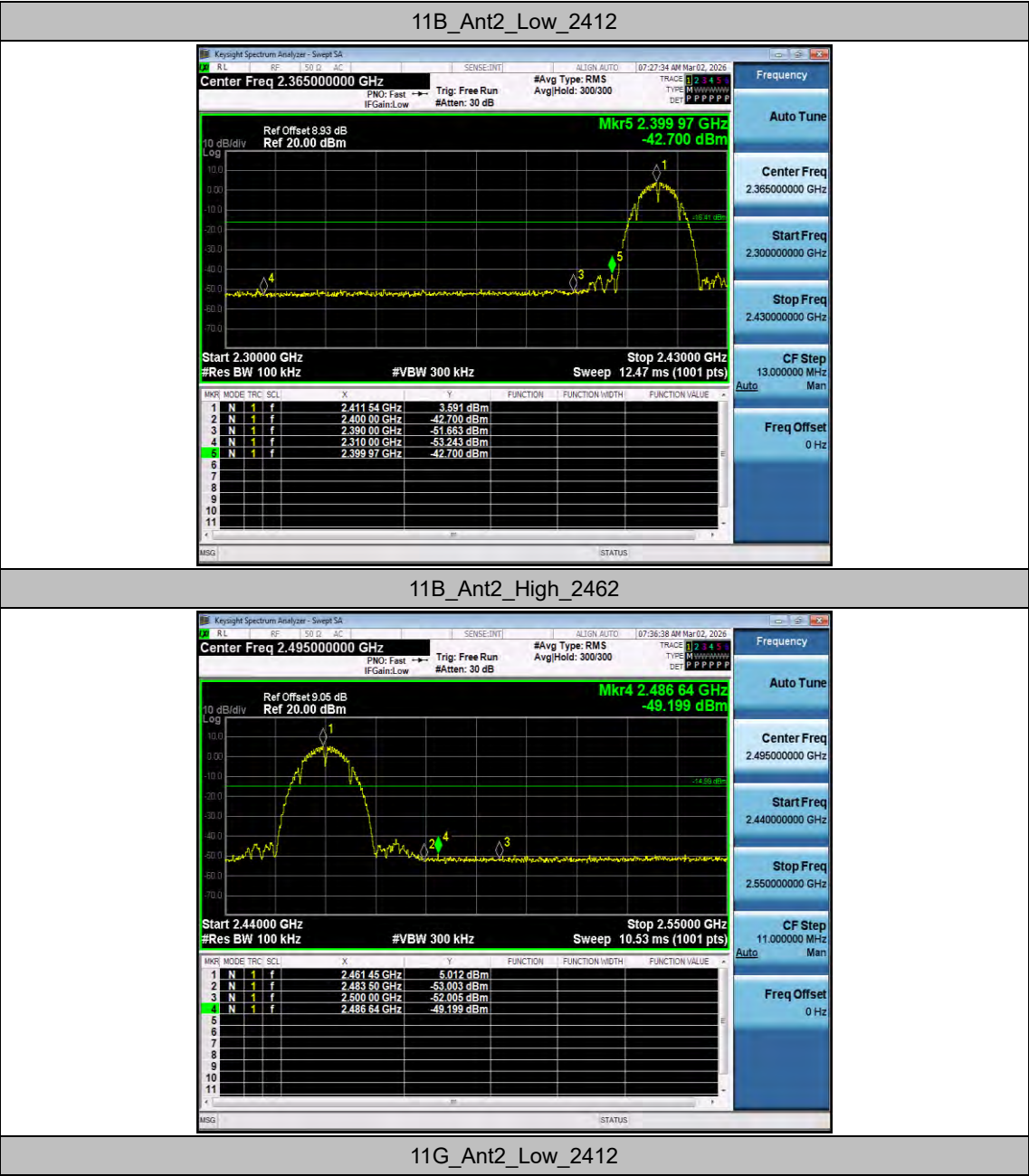


Appendix C.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	3.59	-42.7	≤-16.41	PASS
		High	2462	5.01	-49.2	≤-14.99	PASS
11G	Ant2	Low	2412	1.72	-42.72	≤-18.28	PASS
		High	2462	3.63	-47.54	≤-16.37	PASS
11N20SISO	Ant2	Low	2412	-0.04	-45.12	≤-20.04	PASS
		High	2462	1.31	-43.43	≤-18.69	PASS
11N40SISO	Ant2	Low	2422	-3.44	-41.6	≤-23.44	PASS
		High	2452	-2.43	-46.15	≤-22.43	PASS

Test Graphs



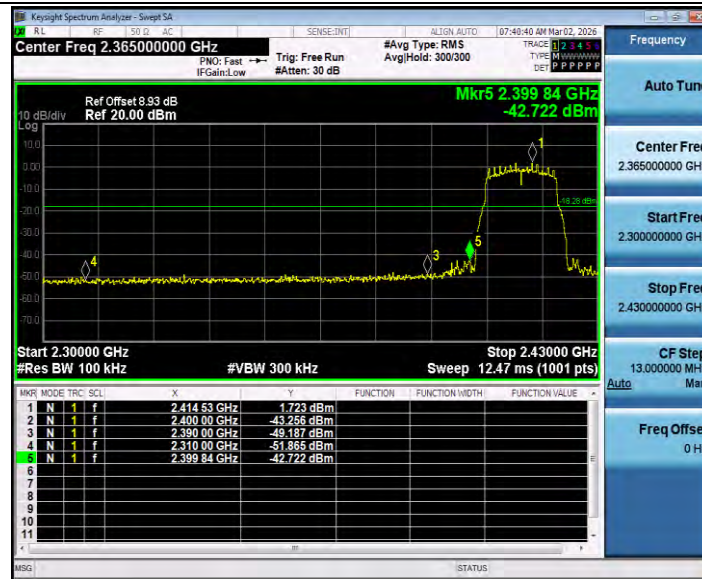
11B_Ant2_High_2462

Frequency

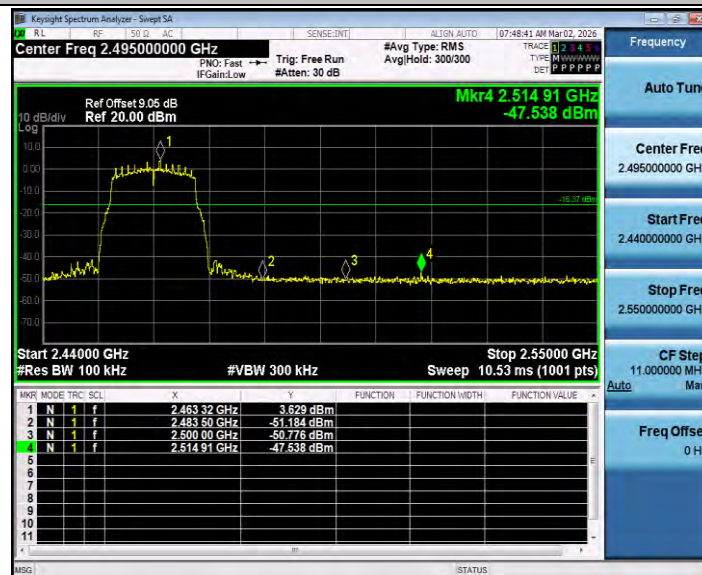
Auto Tune

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

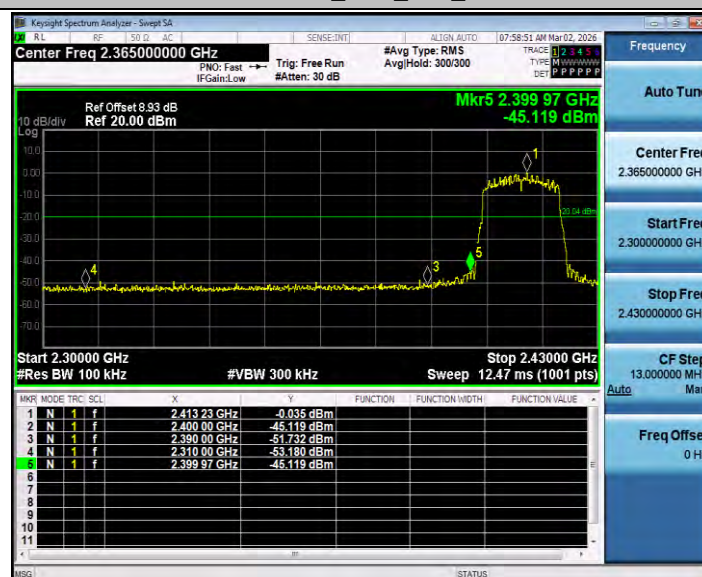
11G_Ant2_Low_2412



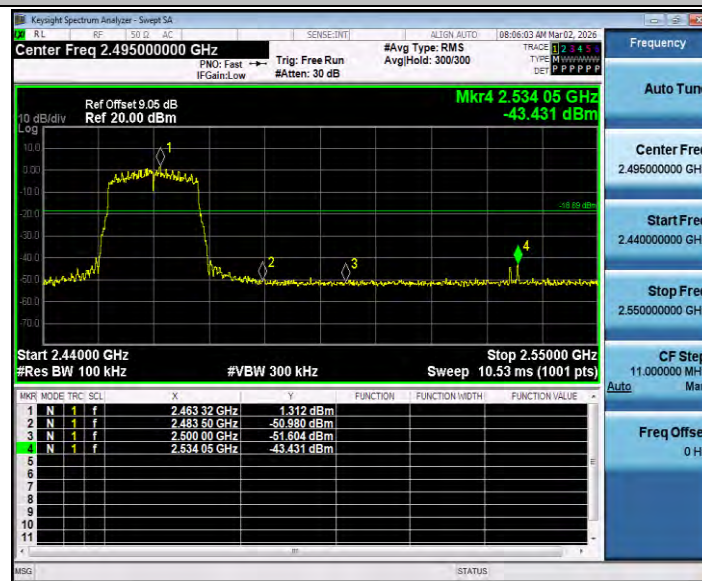
11G_Ant2_High_2462



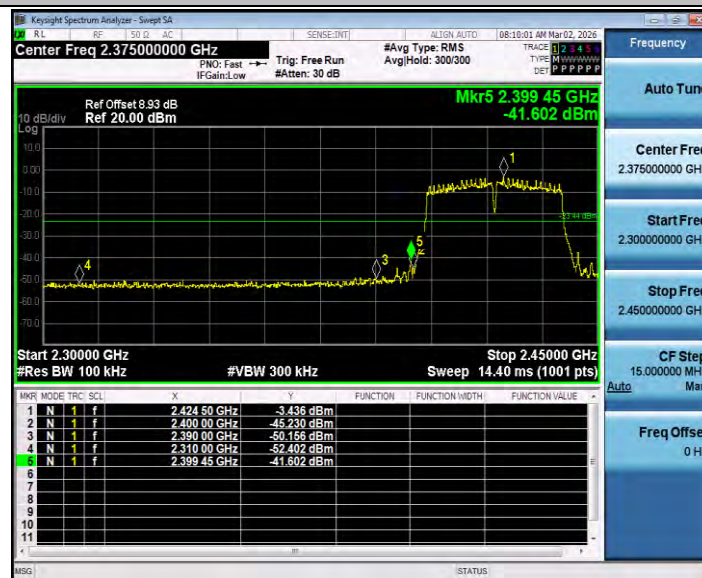
11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



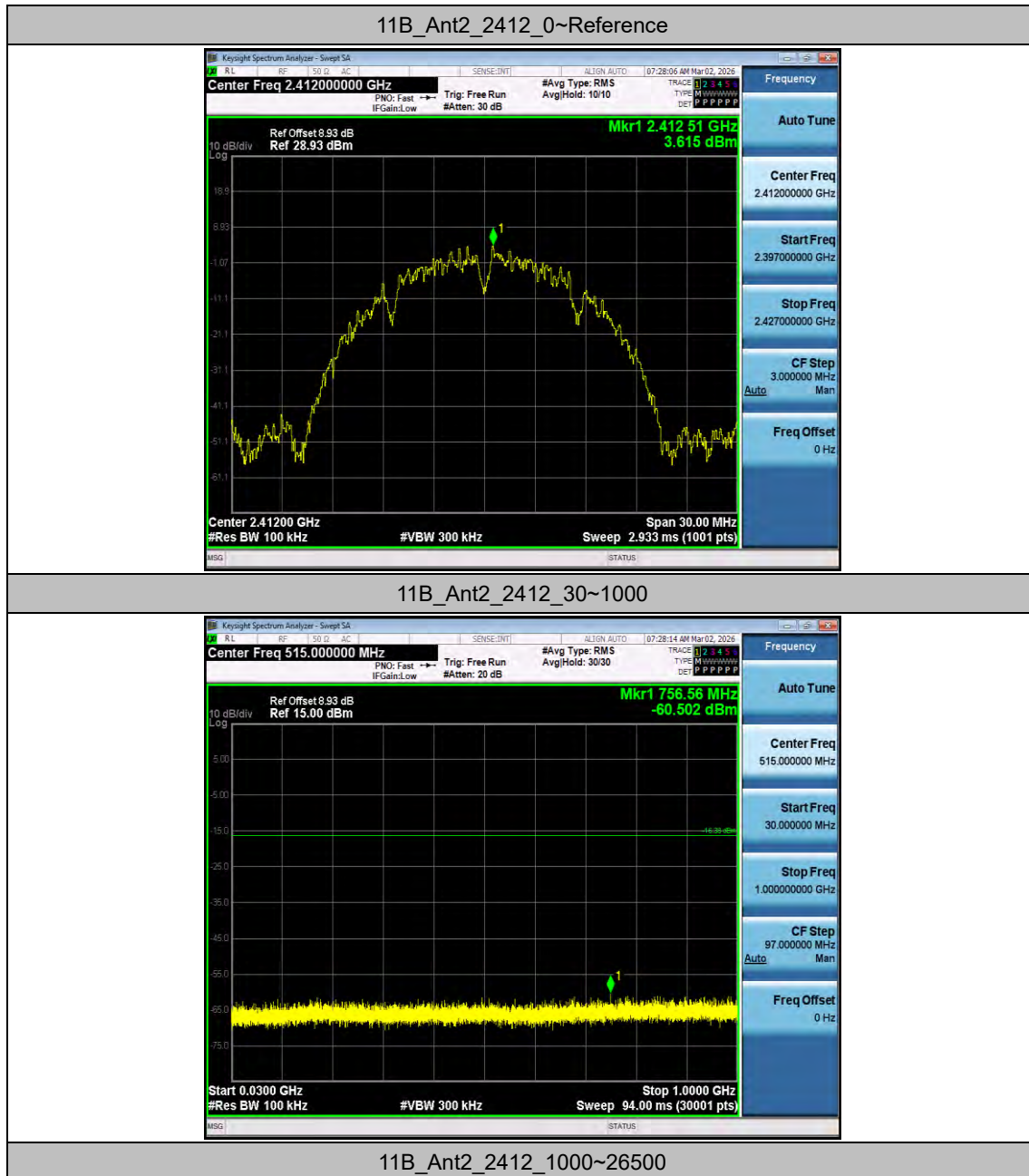
11N40SISO_Ant2_High_2452

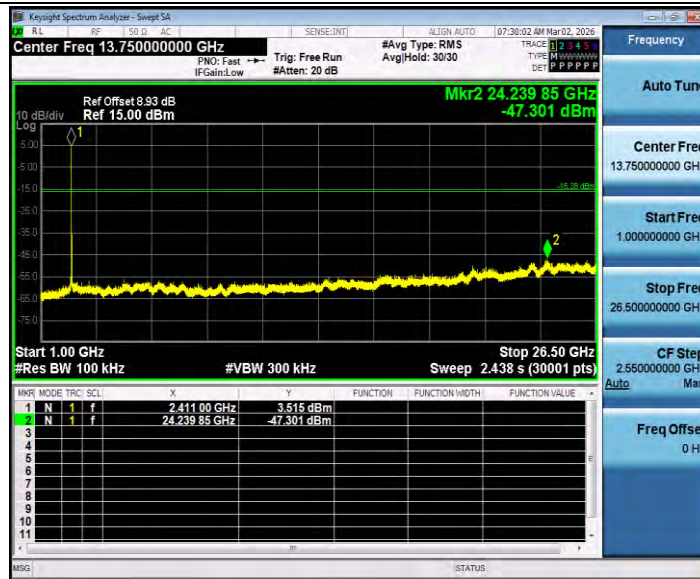
Appendix C.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	3.62	3.62	---	PASS
			30~1000	3.62	-60.5	≤ -16.38	PASS
			1000~26500	3.62	-47.3	≤ -16.38	PASS
		2437	Reference	3.82	3.82	---	PASS
			30~1000	3.82	-60.35	≤ -16.18	PASS
			1000~26500	3.82	-47.81	≤ -16.18	PASS
		2462	Reference	4.92	4.92	---	PASS
			30~1000	4.92	-59.13	≤ -15.08	PASS
			1000~26500	4.92	-46.99	≤ -15.08	PASS
11G	Ant2	2412	Reference	1.29	1.29	---	PASS
			30~1000	1.29	-60.53	≤ -18.71	PASS
			1000~26500	1.29	-47.75	≤ -18.71	PASS
		2437	Reference	-0.74	-0.74	---	PASS
			30~1000	-0.74	-60.67	≤ -20.74	PASS
			1000~26500	-0.74	-47.9	≤ -20.74	PASS
		2462	Reference	0.99	0.99	---	PASS
			30~1000	0.99	-59.88	≤ -19.01	PASS
			1000~26500	0.99	-47.45	≤ -19.01	PASS
11N20SISO	Ant2	2412	Reference	-0.60	-0.60	---	PASS
			30~1000	-0.60	-60.23	≤ -20.6	PASS
			1000~26500	-0.60	-48.04	≤ -20.6	PASS
		2437	Reference	-0.79	-0.79	---	PASS
			30~1000	-0.79	-60.91	≤ -20.79	PASS
			1000~26500	-0.79	-47.38	≤ -20.79	PASS
		2462	Reference	0.97	0.97	---	PASS
			30~1000	0.97	-61.13	≤ -19.03	PASS
			1000~26500	0.97	-47.44	≤ -19.03	PASS
11N40SISO	Ant2	2422	Reference	-4.25	-4.25	---	PASS
			30~1000	-4.25	-60.35	≤ -24.25	PASS
			1000~26500	-4.25	-47.9	≤ -24.25	PASS
		2437	Reference	-3.03	-3.03	---	PASS
			30~1000	-3.03	-60.39	≤ -23.03	PASS
			1000~26500	-3.03	-47.76	≤ -23.03	PASS
		2452	Reference	-2.60	-2.60	---	PASS
			30~1000	-2.60	-60.41	≤ -22.6	PASS
			1000~26500	-2.60	-47.61	≤ -22.6	PASS

Test Graphs

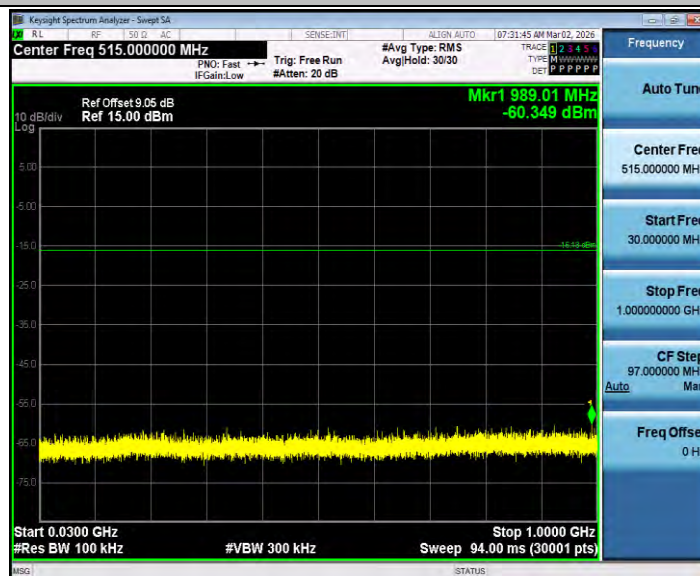


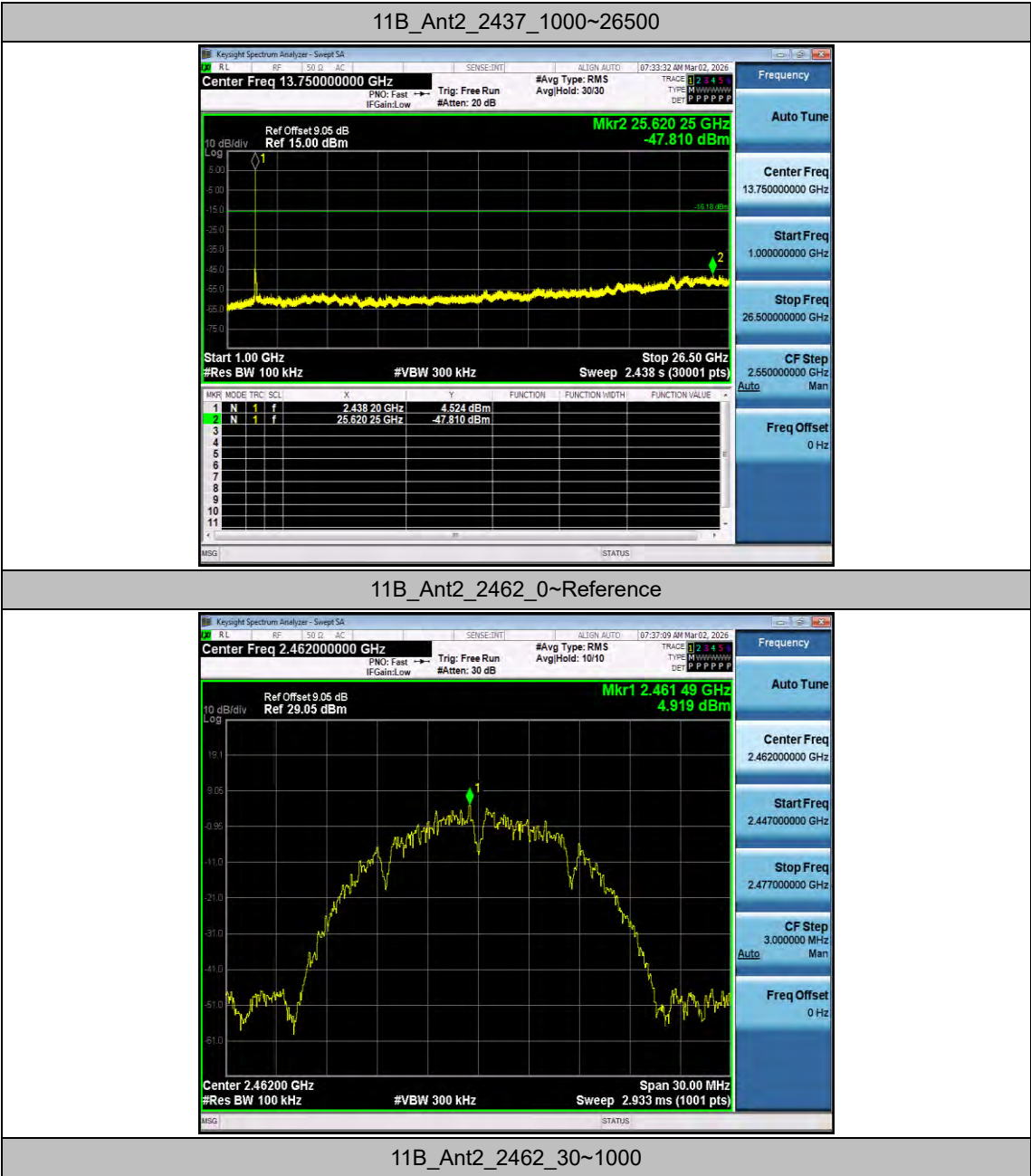


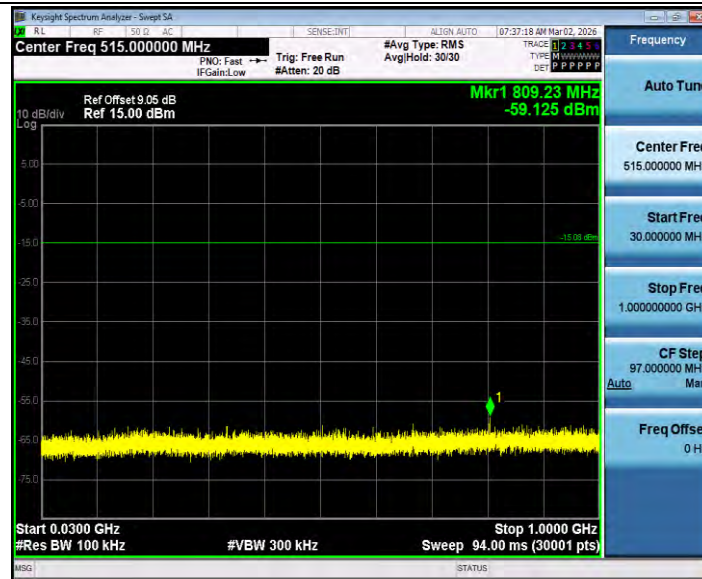
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000





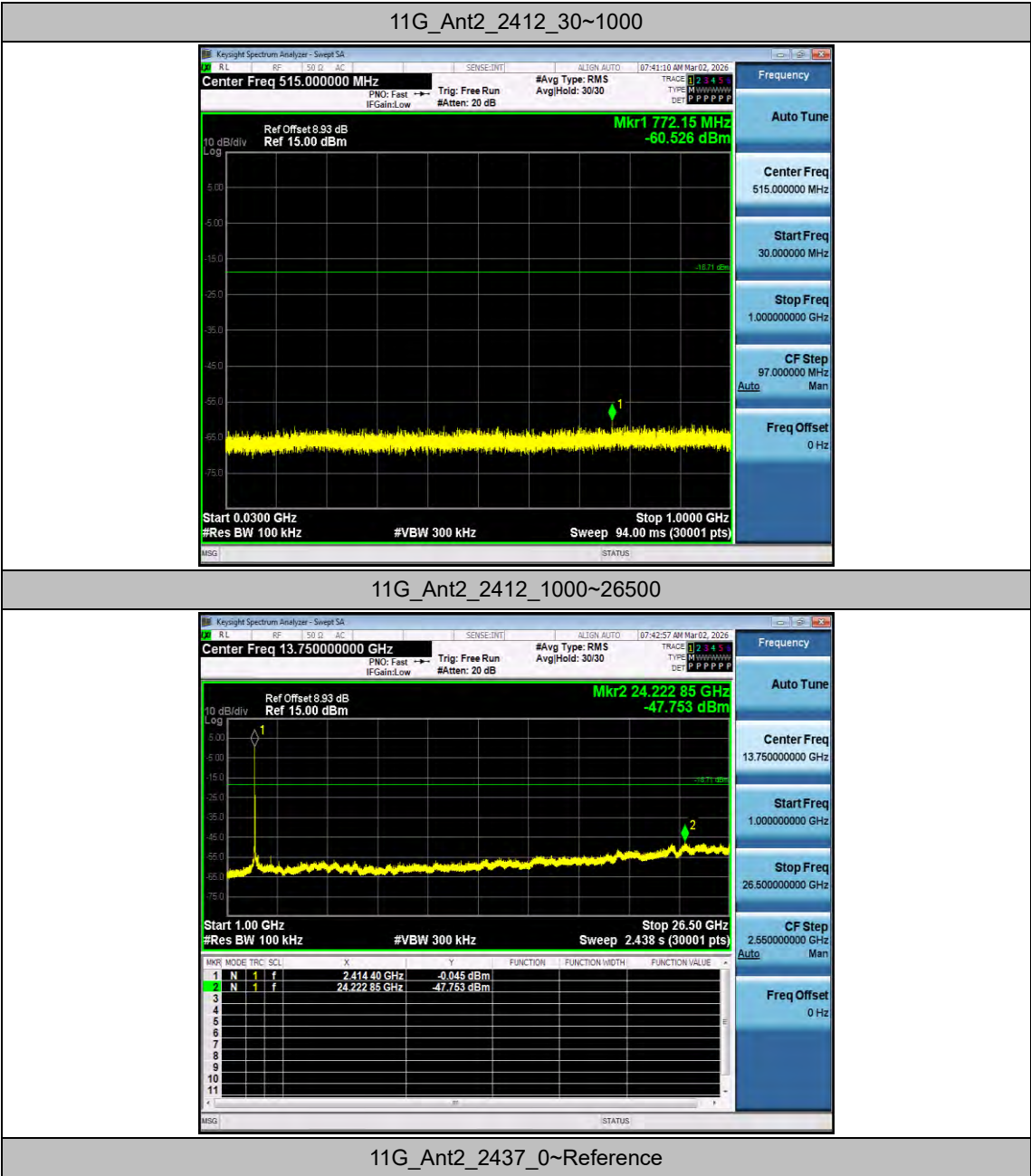


11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference







11G_Ant2_2437_30~1000



11G_Ant2_2437_1000~26500



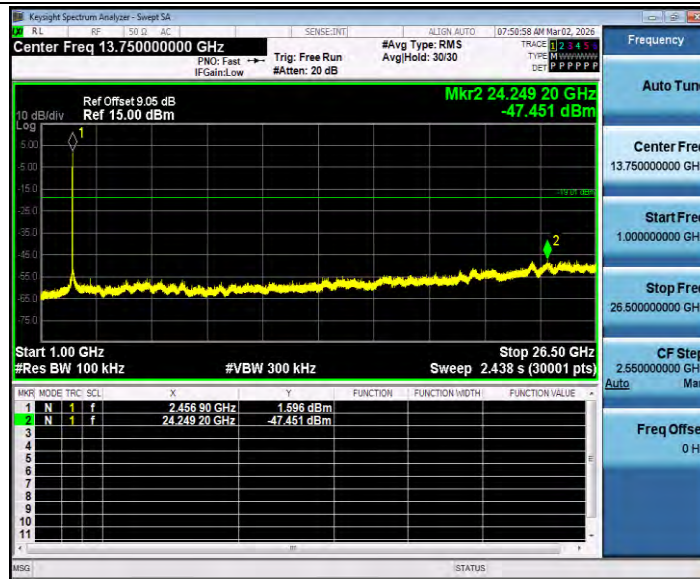
11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



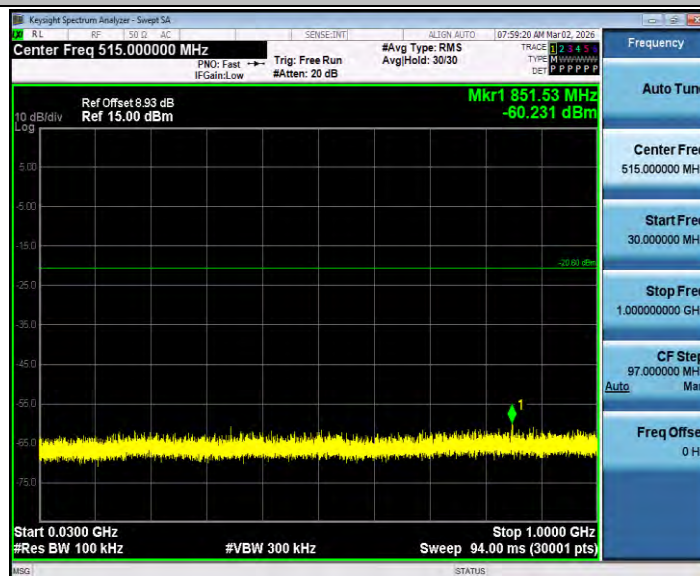
11G_Ant2_2462_1000~26500



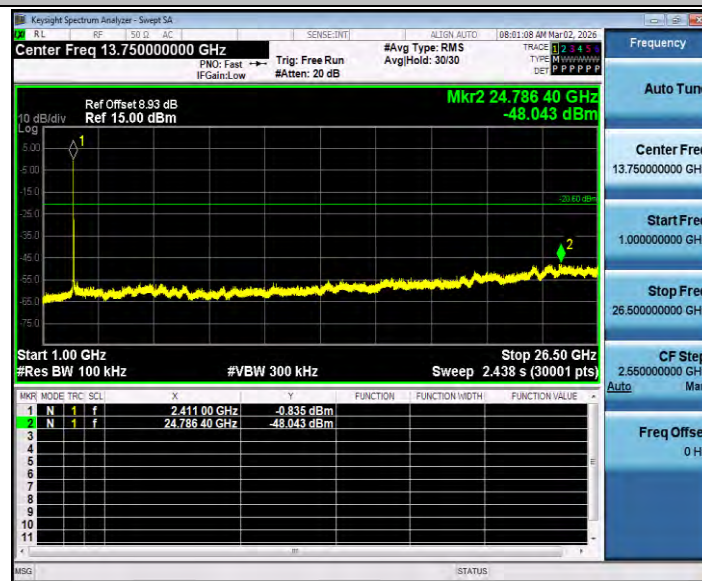
11N20SISO_Ant2_2412_0~Reference



11N20SISO_Ant2_2412_30~1000



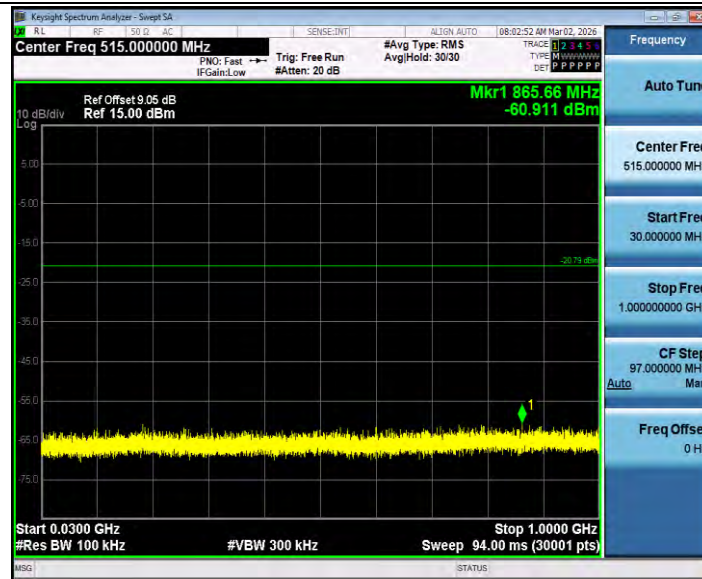
11N20SISO_Ant2_2412_1000~26500



11N20SISO_Ant2_2437_0~Reference



11N20SISO_Ant2_2437_30~1000



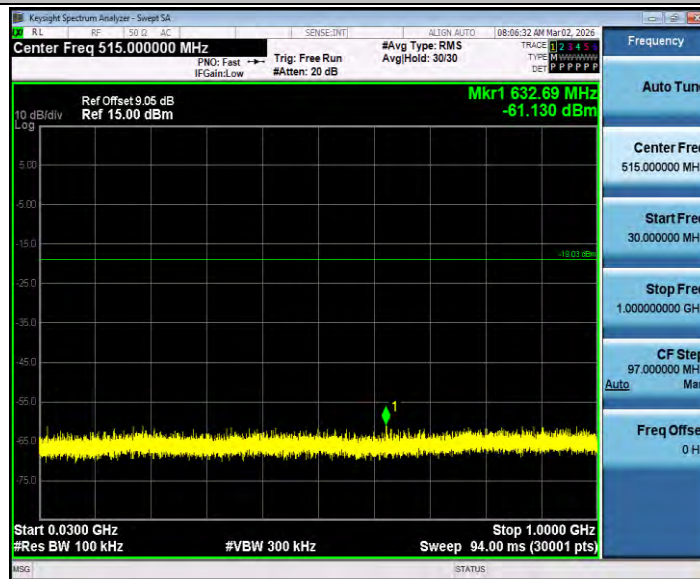
11N20SISO_Ant2_2437_1000~26500



11N20SISO_Ant2_2462_0~Reference



11N20SISO_Ant2_2462_30~1000



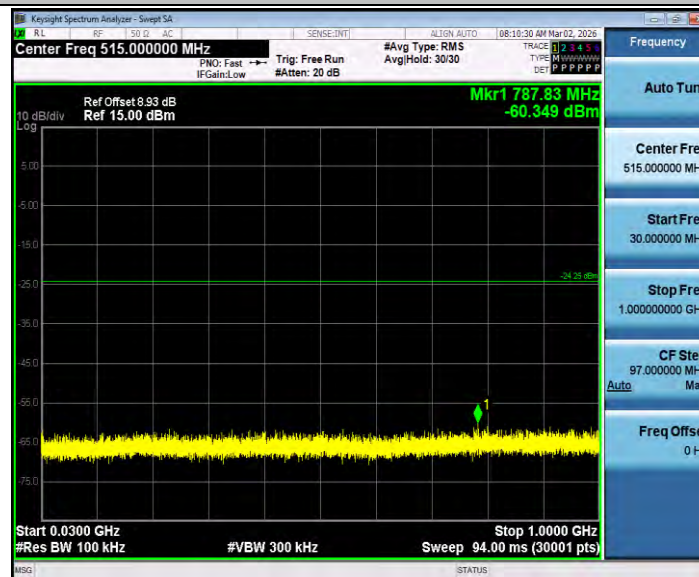
11N20SISO_Ant2_2462_1000~26500



11N40SISO_Ant2_2422_0~Reference



11N40SISO_Ant2_2422_30~1000



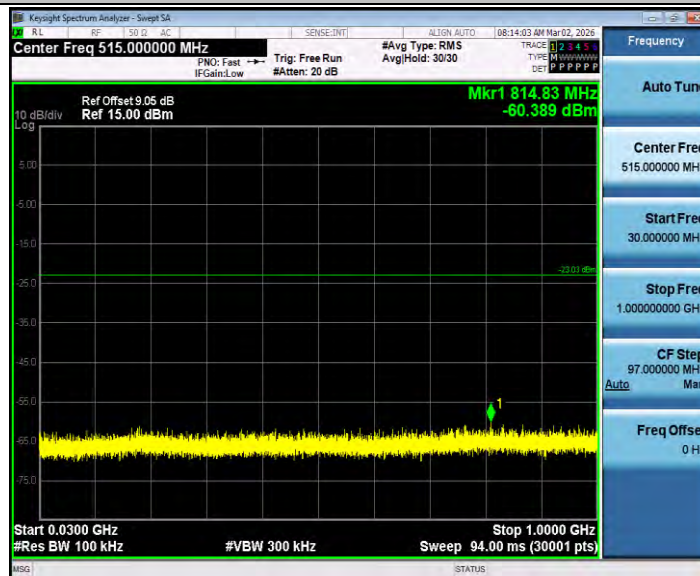
11N40SISO_Ant2_2422_1000~26500



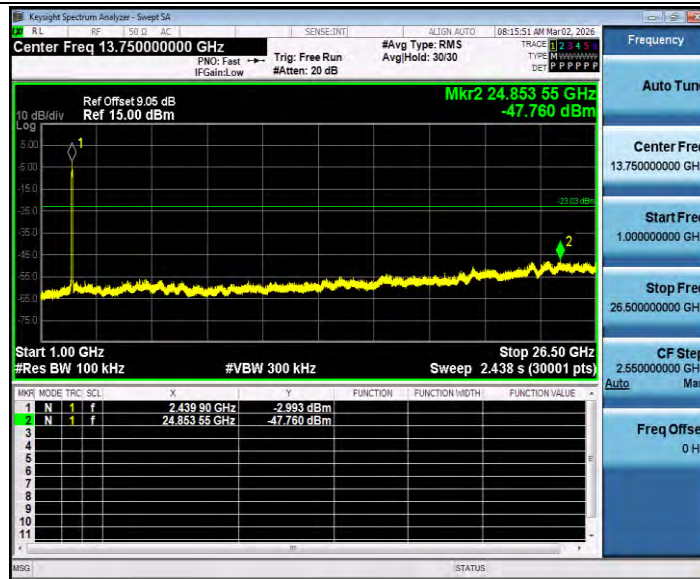
11N40SISO_Ant2_2437_0~Reference



11N40SISO_Ant2_2437_30~1000



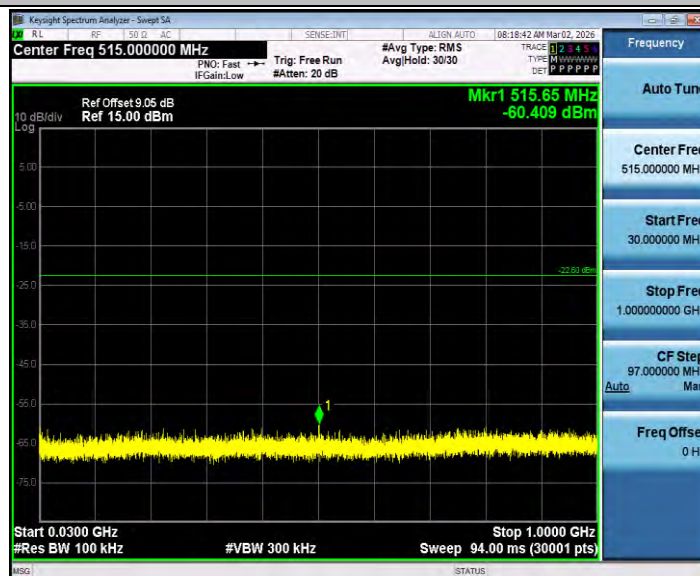
11N40SISO_Ant2_2437_1000~26500



11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000



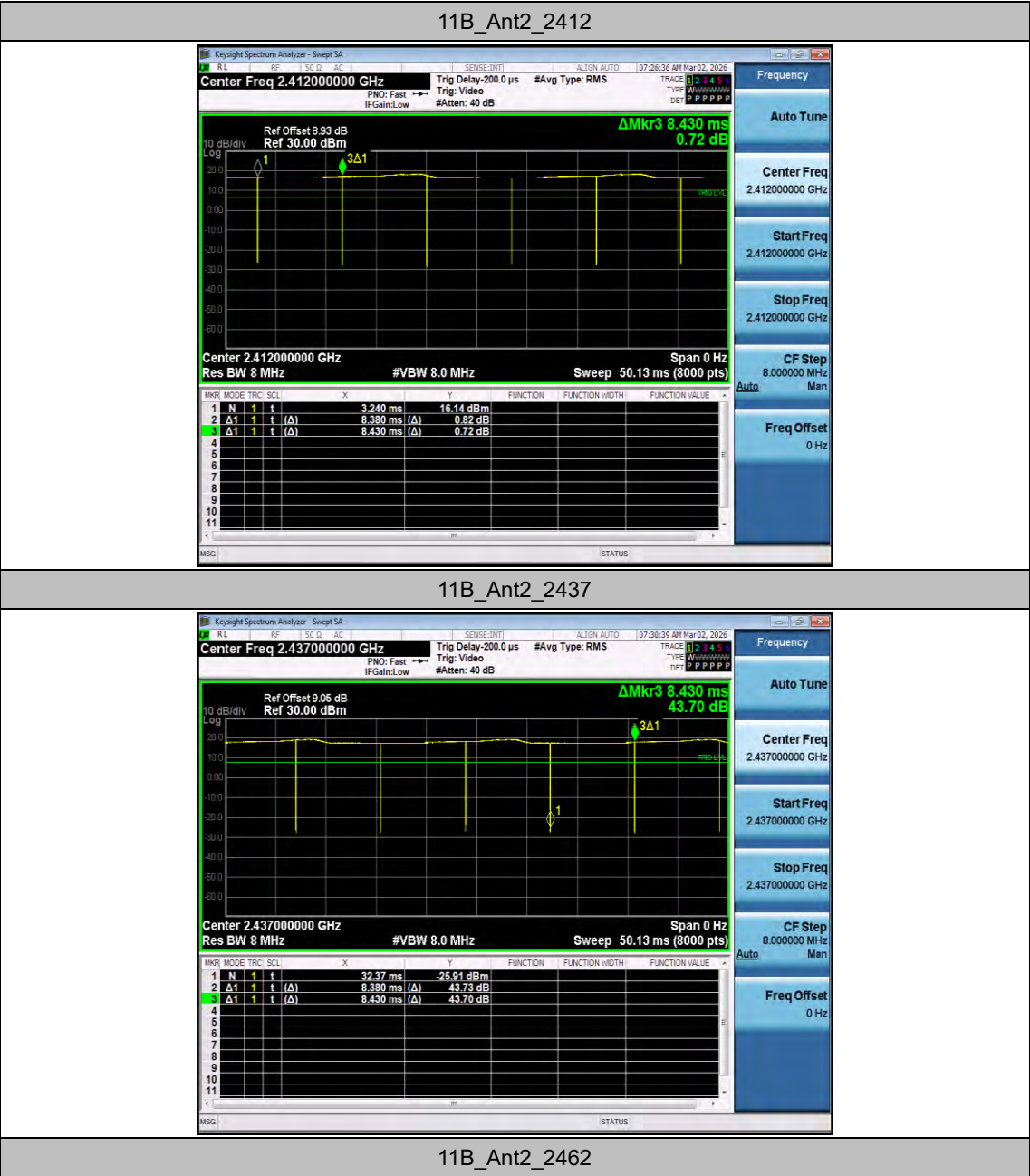


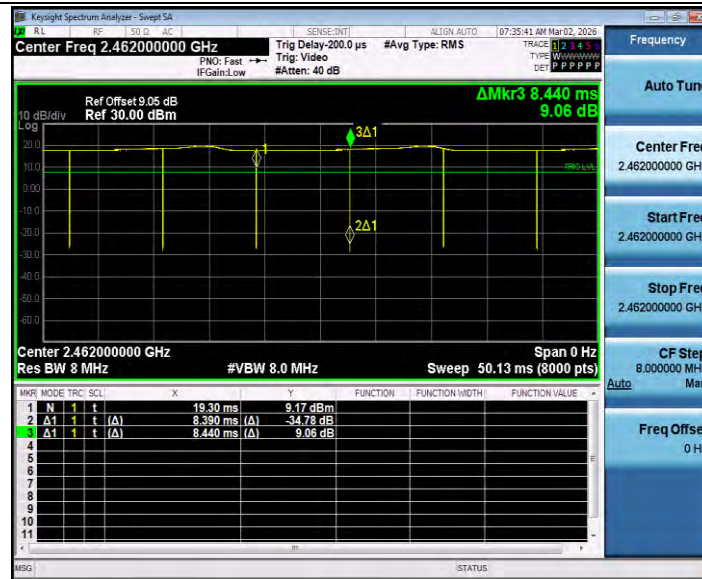
Appendix C.7: Duty Cycle

Test Result

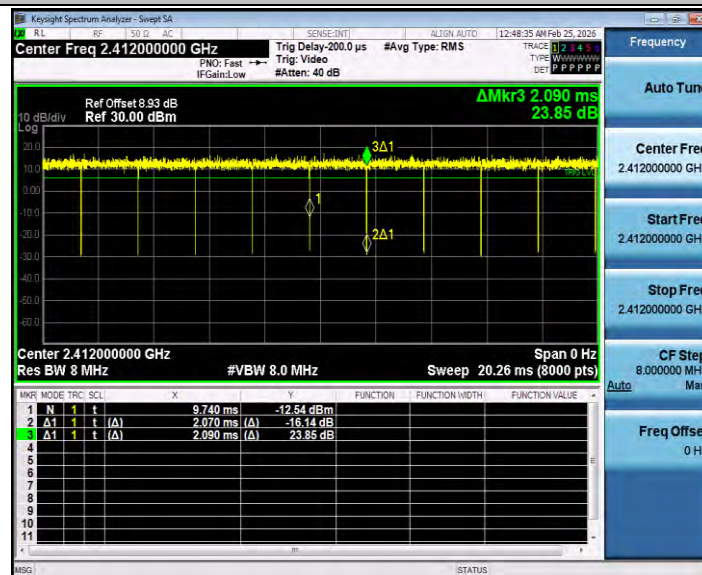
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor [KHz]
11B	Ant2	2412	8.38	8.43	99.41	0.03	0.12
		2437	8.38	8.43	99.41	0.03	0.12
		2462	8.39	8.44	99.41	0.03	0.12
11G	Ant2	2412	2.07	2.09	99.04	0.04	0.48
		2437	1.39	1.44	96.53	0.15	0.72
		2462	1.39	1.44	96.53	0.15	0.72
11N20SISO	Ant2	2412	0.16	0.22	72.73	1.38	6.25
		2437	0.16	0.21	76.19	1.18	6.25
		2462	0.16	0.22	72.73	1.38	6.25
11N40SISO	Ant2	2422	0.10	0.16	62.50	2.04	10.00
		2437	0.10	0.15	66.67	1.76	10.00
		2452	0.10	0.15	66.67	1.76	10.00

Test Graphs

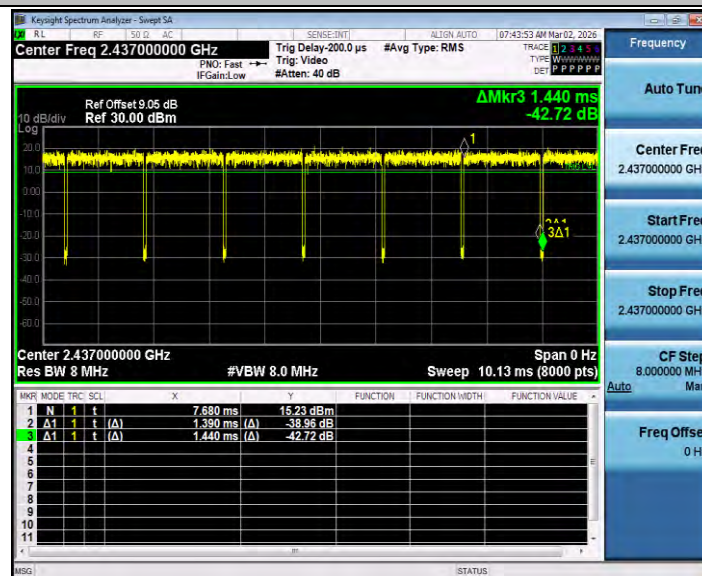


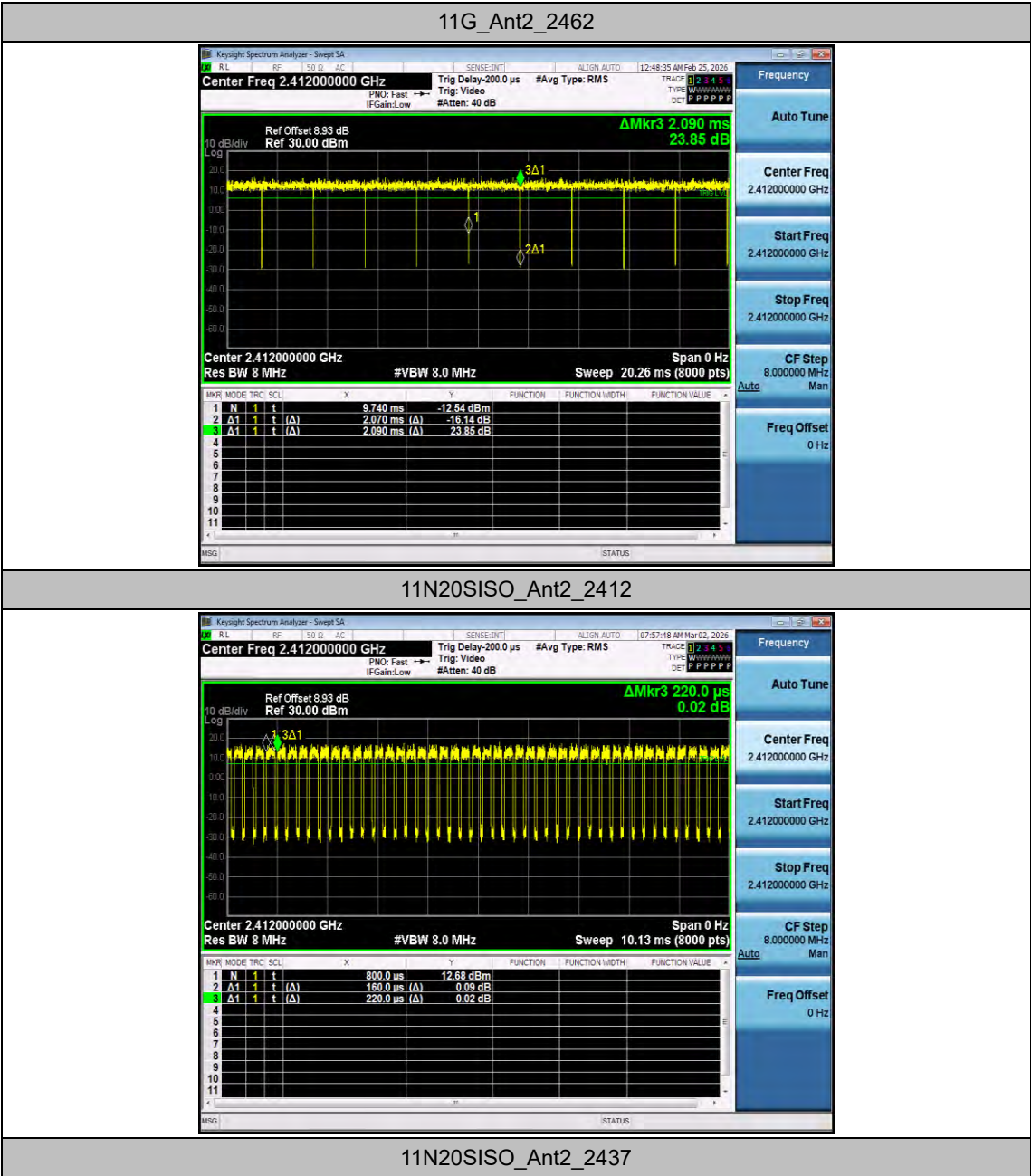


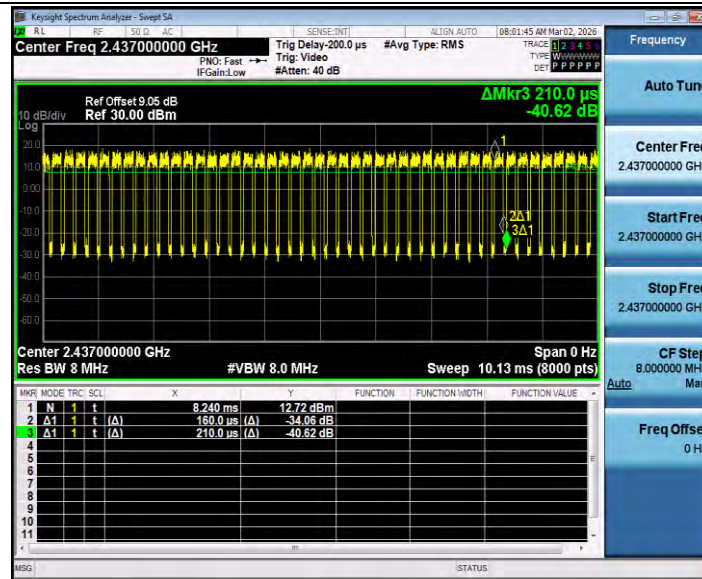
11G_Ant2_2412



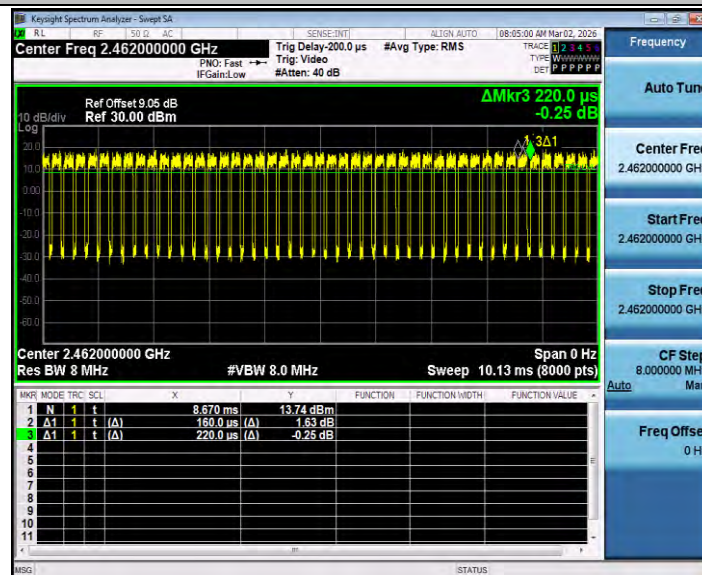
11G_Ant2_2437



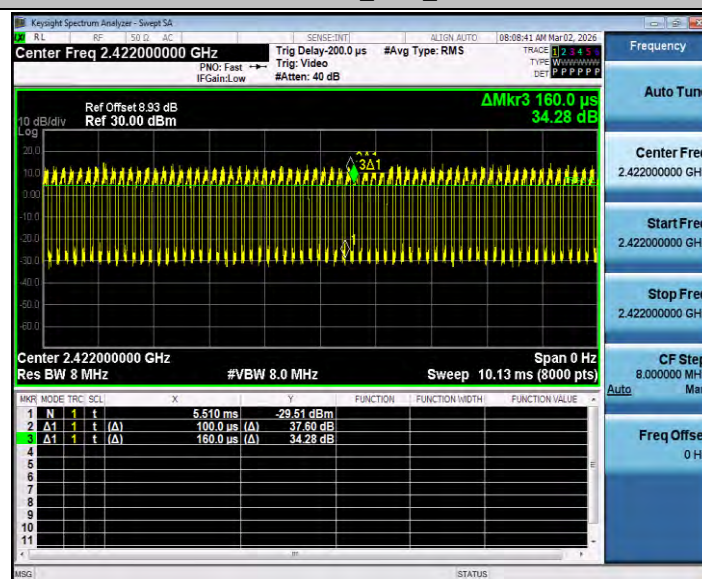




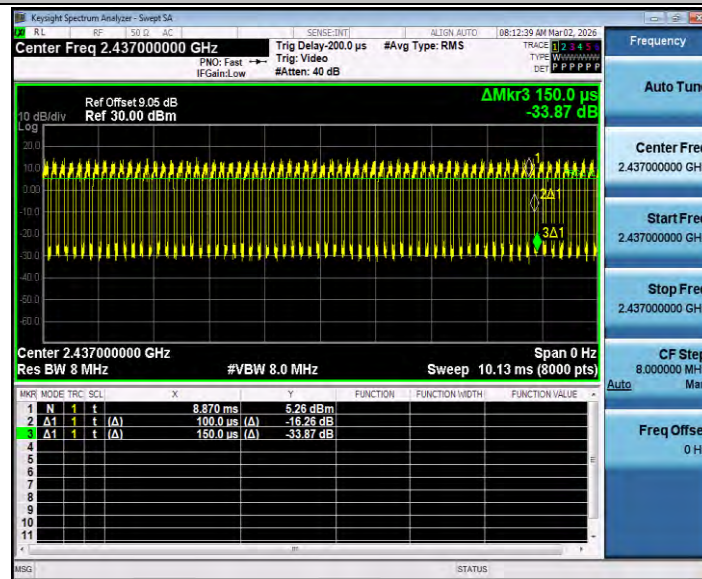
11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452

