

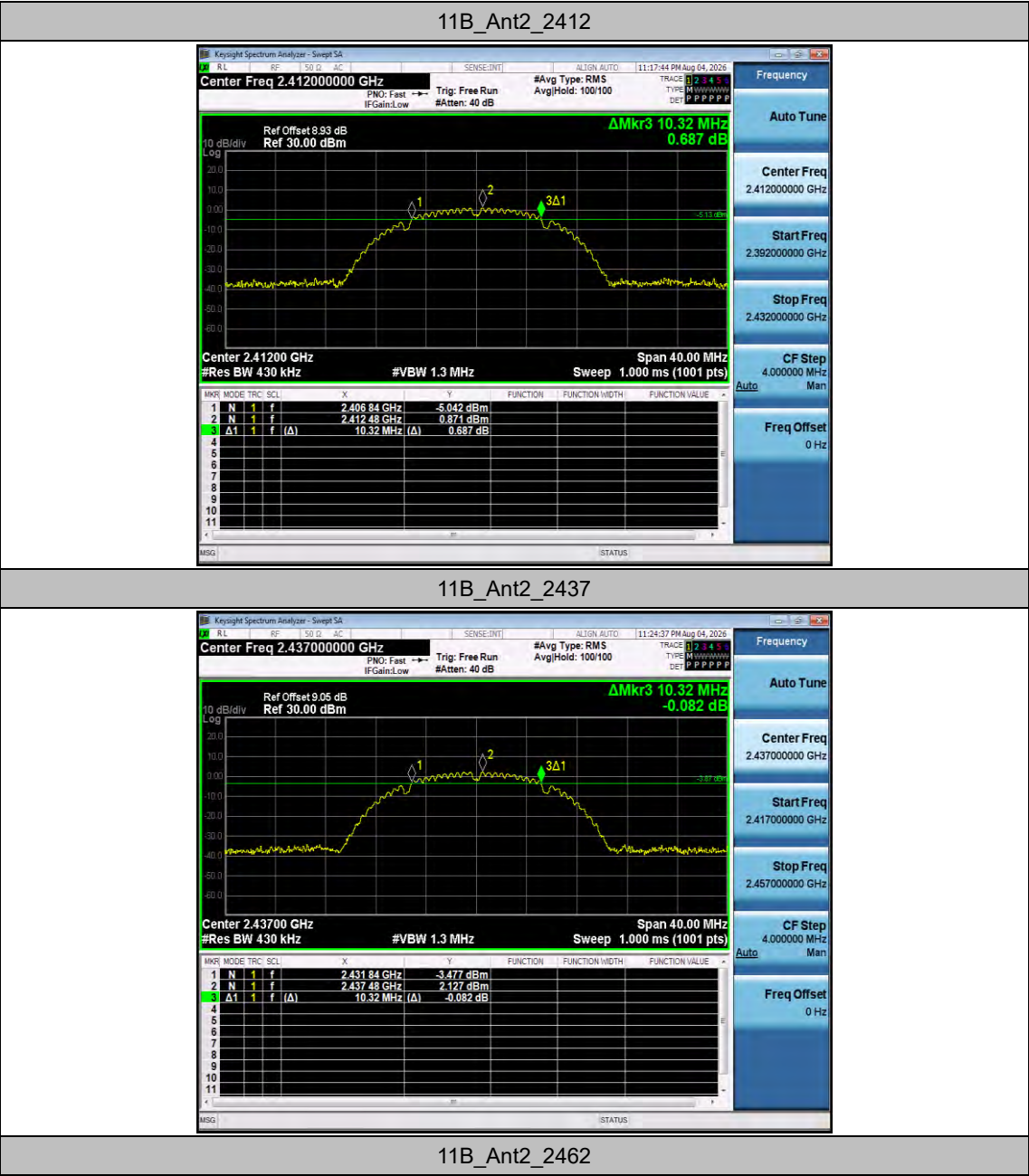
Case No. : <u>MAX260806110P02-R01</u>
Ambient Condition: <u>25℃,45%RH,</u>
Test Date: <u>2026.8.01-2026.8.17</u> Test Engineer: <u>Cindy Zheng</u>

AppendixA.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	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	Ant2	2412	16.440	2403.840	2420.280	0.5	PASS
		2437	16.440	2428.800	2445.240	0.5	PASS
		2462	16.520	2453.760	2470.280	0.5	PASS
11N20SISO	Ant2	2412	17.560	2403.200	2420.760	0.5	PASS
		2437	17.600	2428.120	2445.720	0.5	PASS
		2462	17.360	2453.280	2470.640	0.5	PASS
11N40SISO	Ant2	2422	36.160	2404.000	2440.160	0.5	PASS
		2437	36.160	2418.920	2455.080	0.5	PASS
		2452	36.240	2433.920	2470.160	0.5	PASS

Test Graphs



11B_Ant2_2437

Frequency

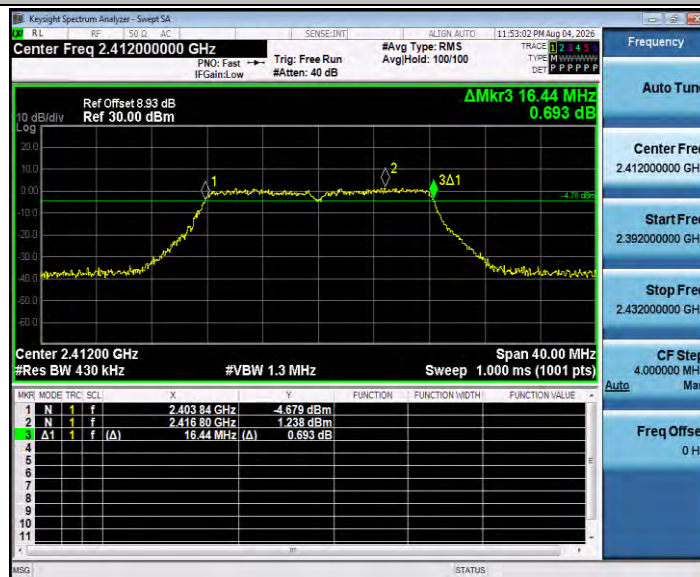
Auto Tune

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

11B_Ant2_2462



11G_Ant2_2412



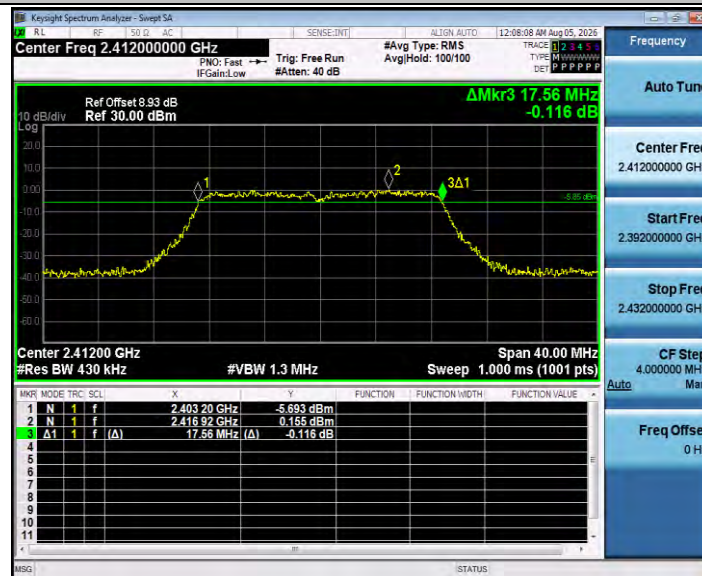
11G_Ant2_2437



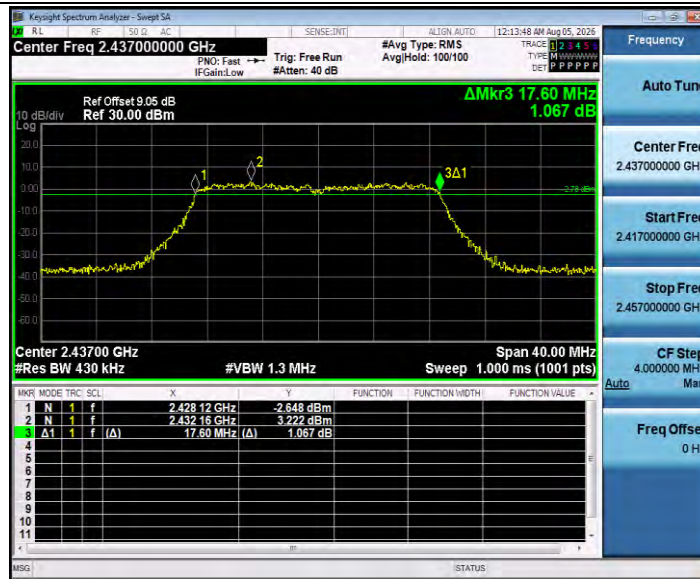
11G_Ant2_2462



11N20SISO_Ant2_2412



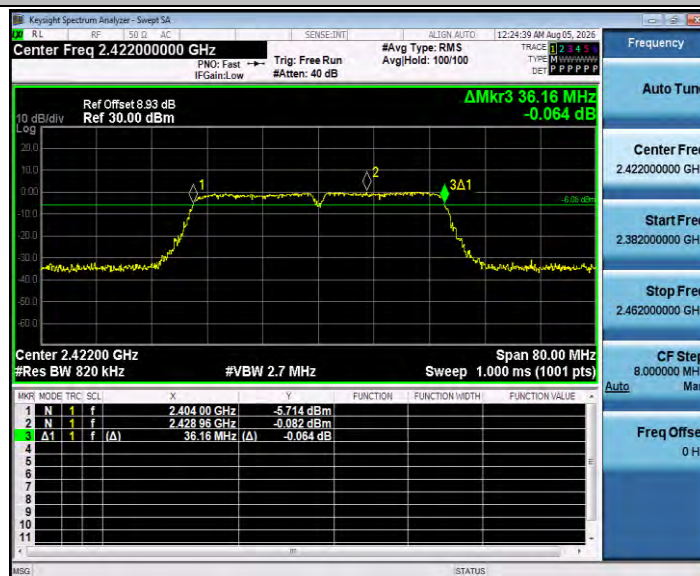
11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



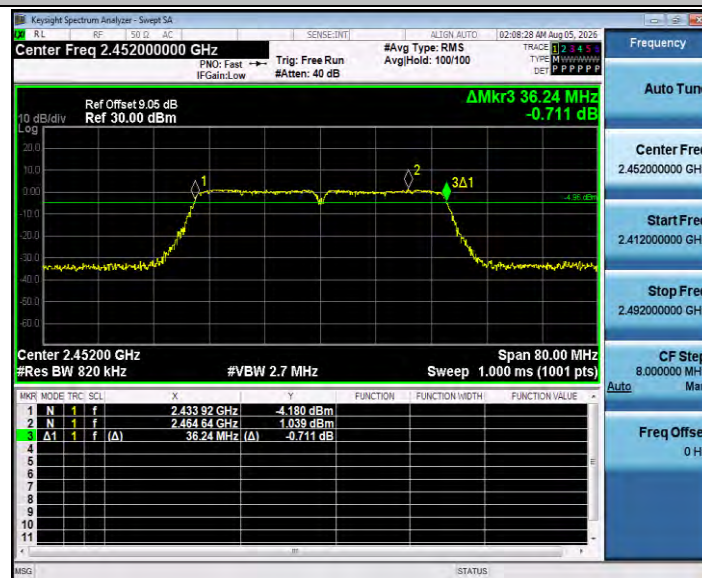
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



AppendixA.2: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	12.88	≤30.00	PASS
		2437	14.07	≤30.00	PASS
		2462	14.92	≤30.00	PASS
11G	Ant2	2412	16.15	≤30.00	PASS
		2437	17.35	≤30.00	PASS
		2462	17.98	≤30.00	PASS
11N20SISO	Ant2	2412	15.11	≤30.00	PASS
		2437	18.18	≤30.00	PASS
		2462	17.95	≤30.00	PASS
11N40SISO	Ant2	2422	15.04	≤30.00	PASS
		2437	17.46	≤30.00	PASS
		2452	16.48	≤30.00	PASS

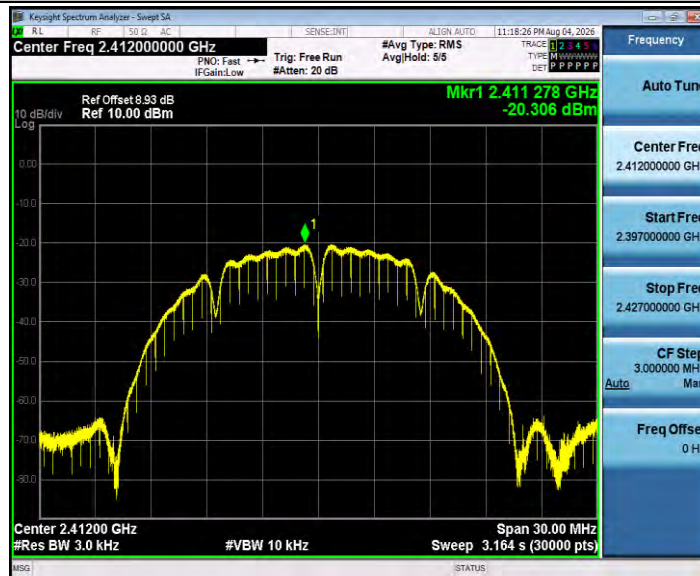
AppendixA.3: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-20.31	≤8.00	PASS
		2437	-18.96	≤8.00	PASS
		2462	-18.18	≤8.00	PASS
11G	Ant2	2412	-18.98	≤8.00	PASS
		2437	-18.30	≤8.00	PASS
		2462	-16.72	≤8.00	PASS
11N20SISO	Ant2	2412	-19.68	≤8.00	PASS
		2437	-17.69	≤8.00	PASS
		2462	-17.00	≤8.00	PASS
11N40SISO	Ant2	2422	-21.45	≤8.00	PASS
		2437	-19.08	≤8.00	PASS
		2452	-20.99	≤8.00	PASS

Test Graphs

11B_Ant2_2412



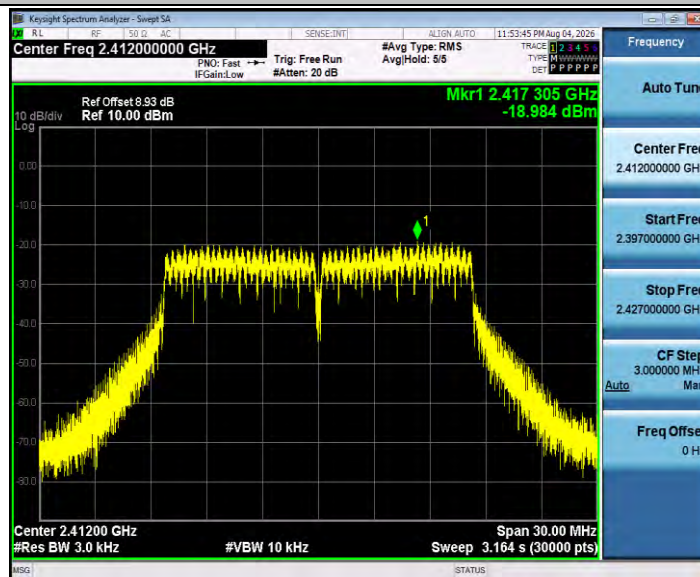
11B_Ant2_2437



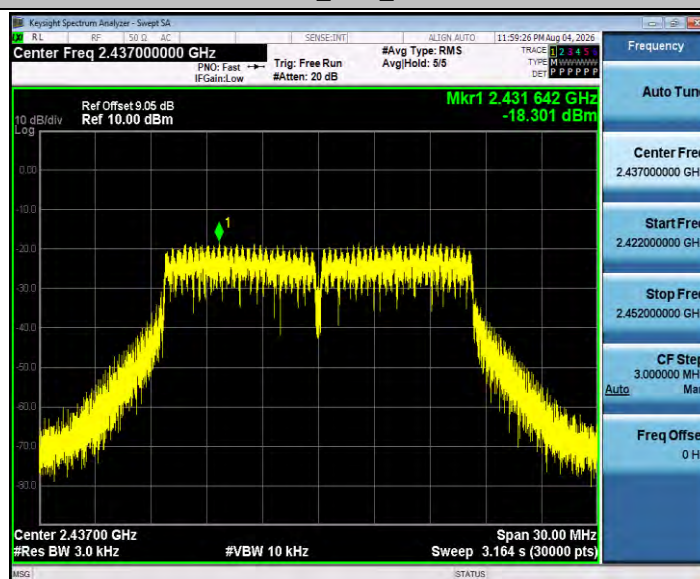
11B_Ant2_2462



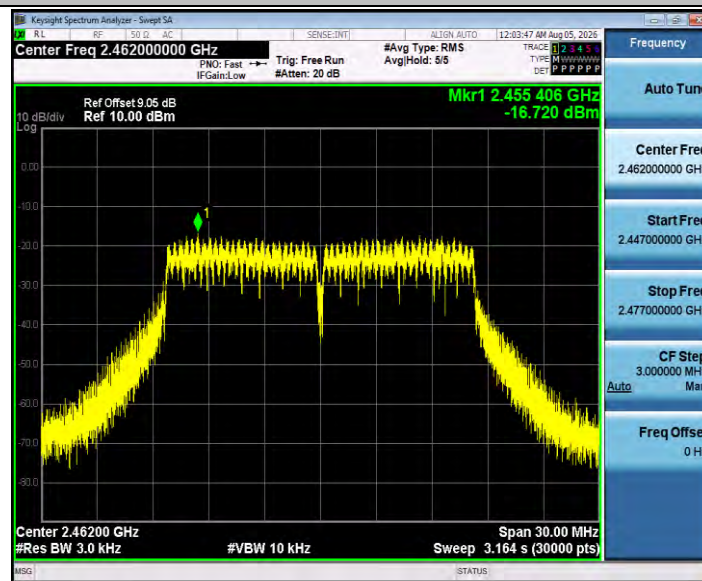
11G_Ant2_2412



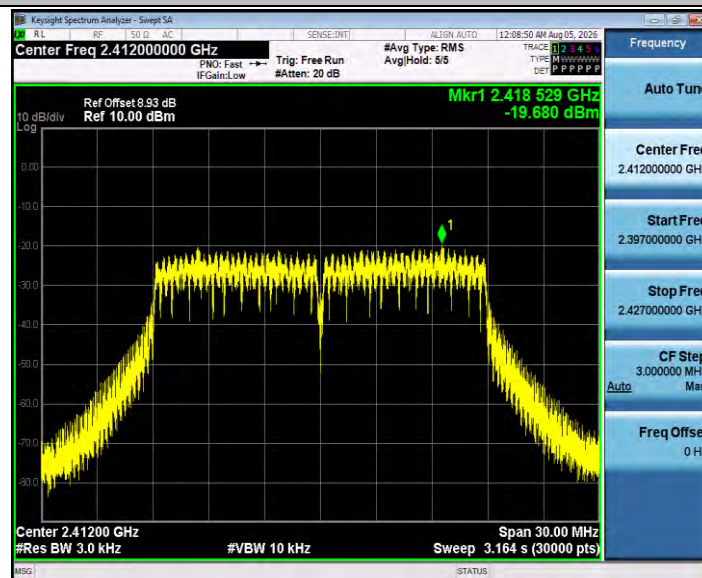
11G_Ant2_2437



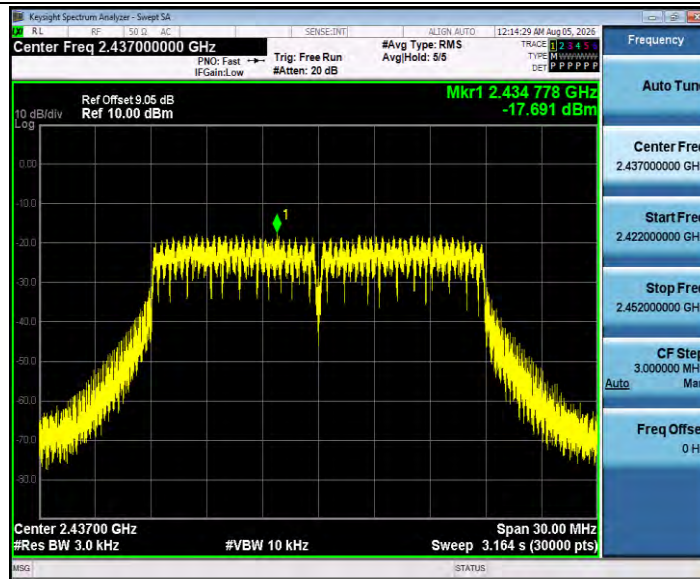
11G_Ant2_2462



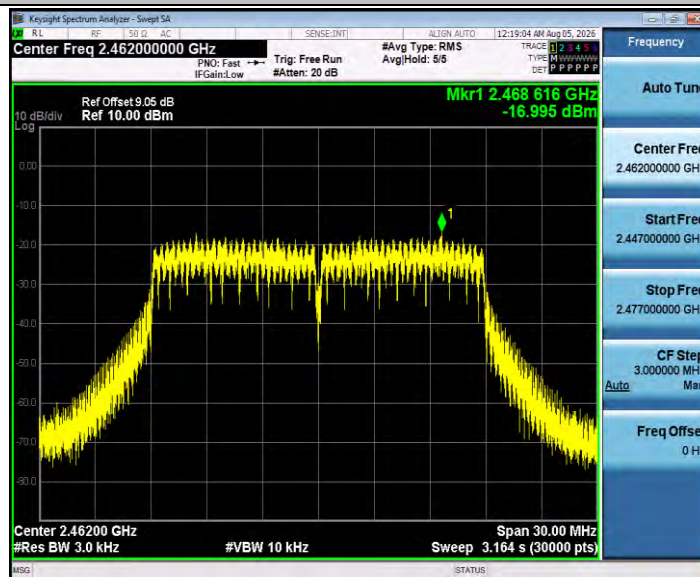
11N20SISO_Ant2_2412



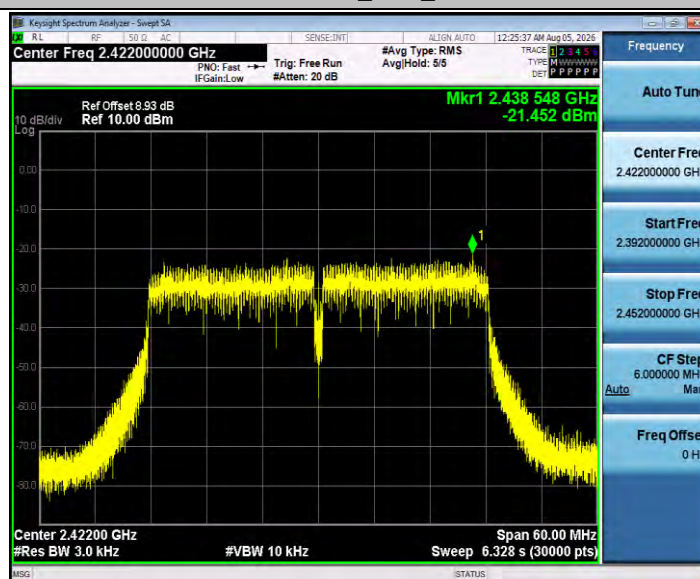
11N20SISO_Ant2_2437



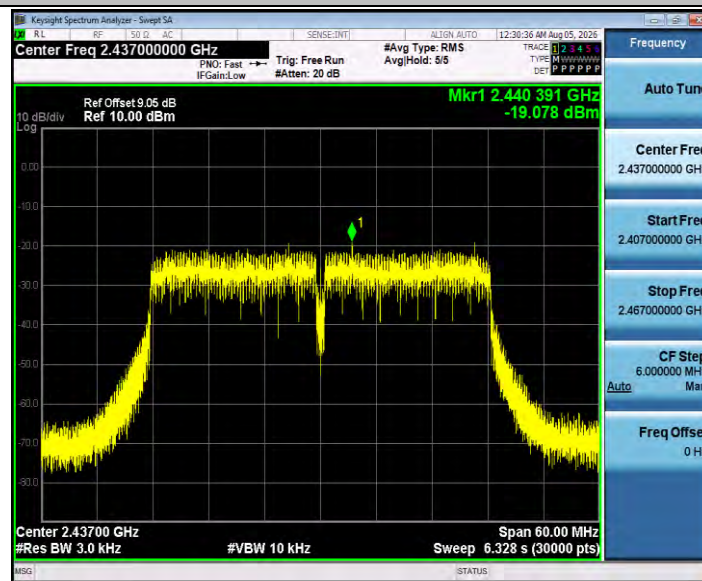
11N20SISO_Ant2_2462



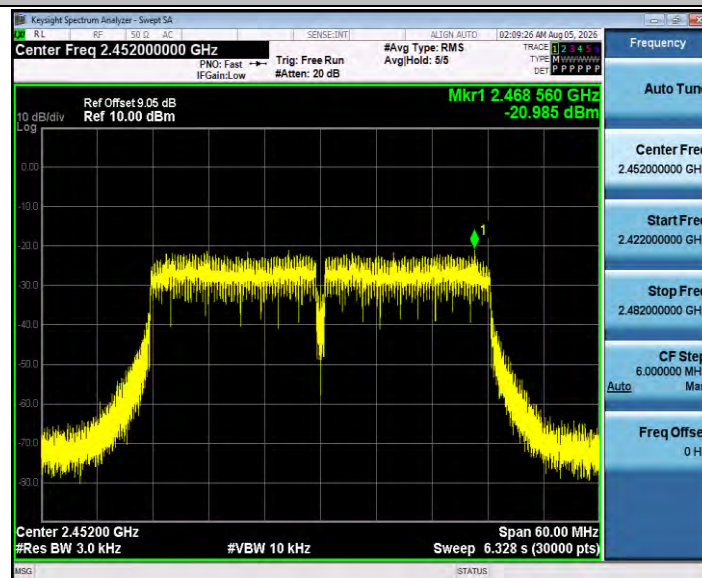
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



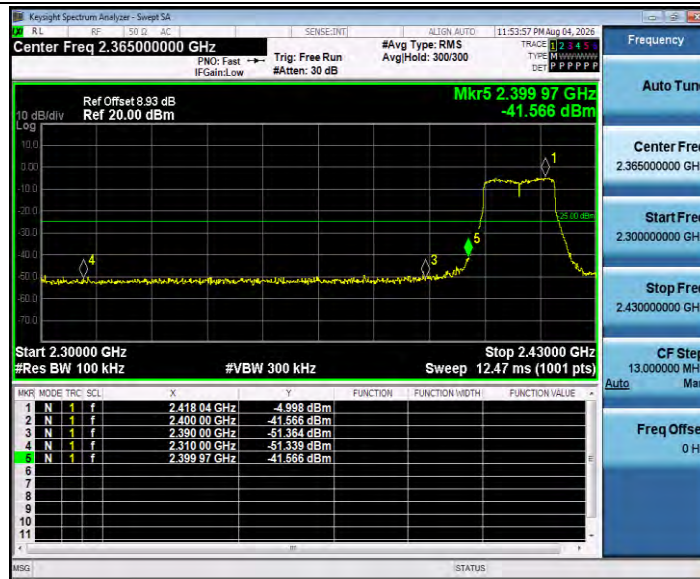
Appendix A.4: Band edge measurements

Test Result

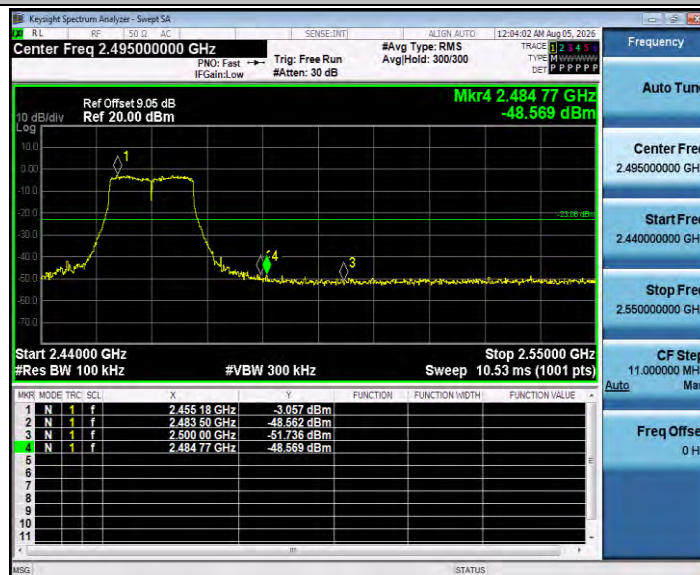
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	-0.47	-44.79	≤ -20.47	PASS
		High	2462	1.72	-49.5	≤ -18.28	PASS
11G	Ant2	Low	2412	-5.00	-41.57	≤ -25	PASS
		High	2462	-3.06	-48.57	≤ -23.06	PASS
11N20SISO	Ant2	Low	2412	-6.02	-41.28	≤ -26.02	PASS
		High	2462	-2.96	-49.09	≤ -22.96	PASS
11N40SISO	Ant2	Low	2422	-9.01	-44.75	≤ -29.01	PASS
		High	2452	-7.97	-47.57	≤ -27.97	PASS

Test Graphs

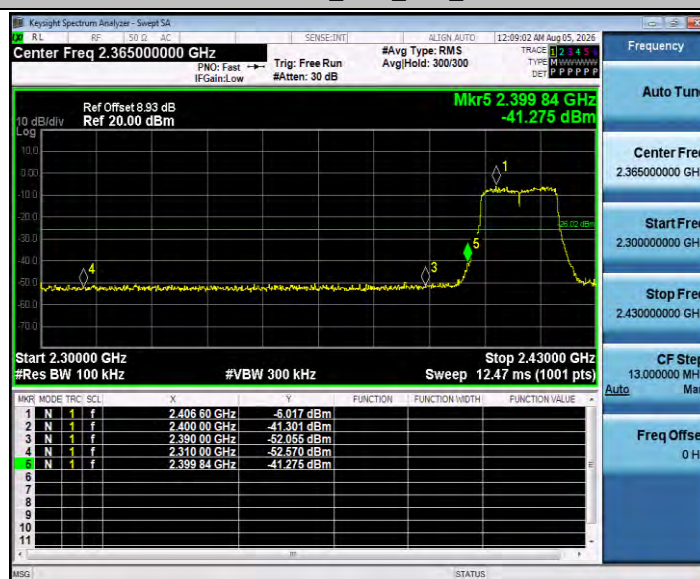




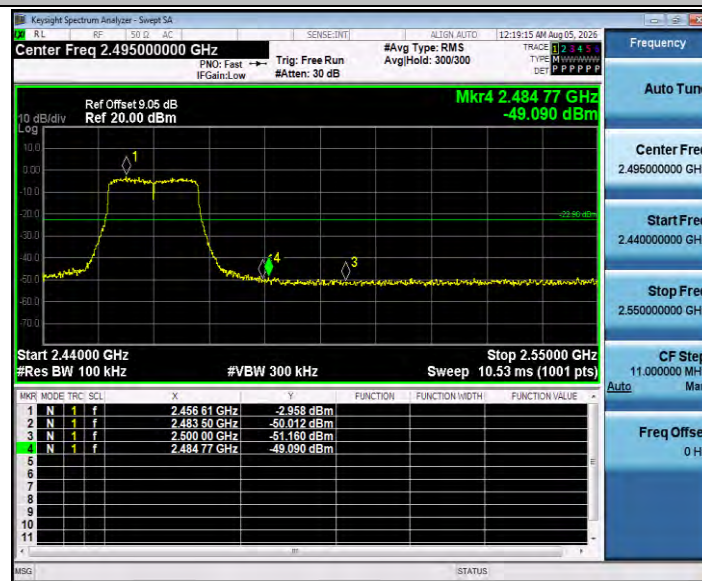
11G_Ant2_High_2462



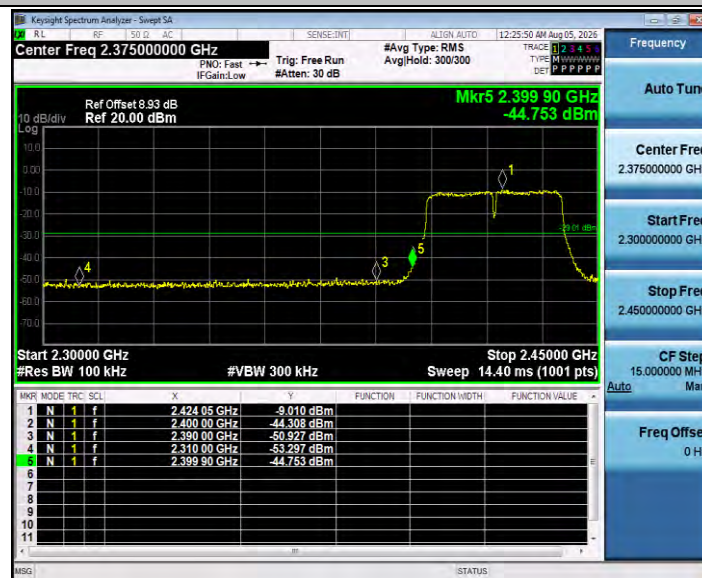
11N20SISO_Ant2_Low_2412



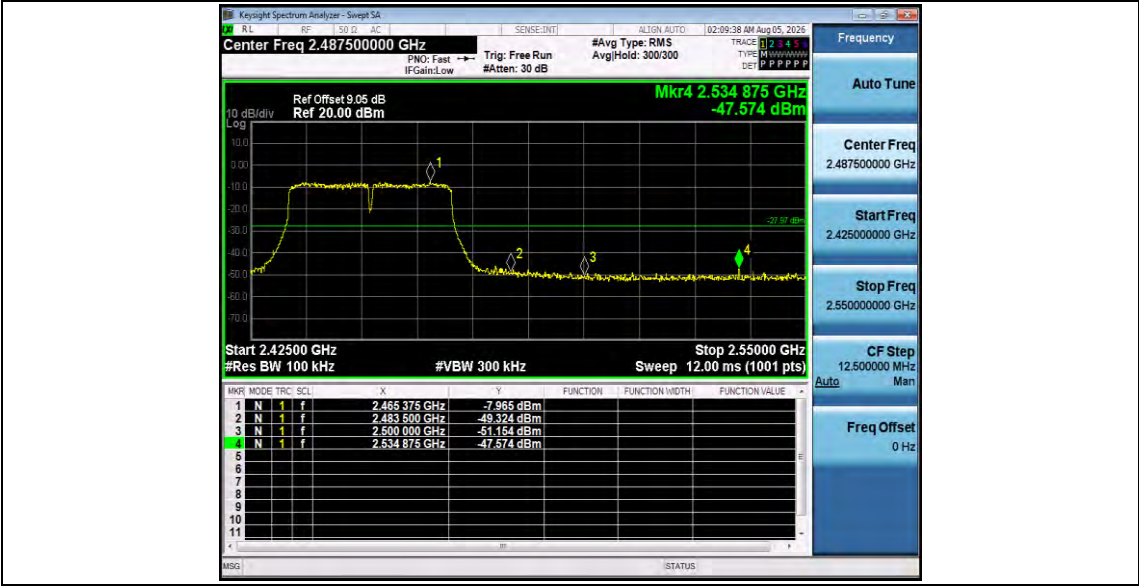
11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452

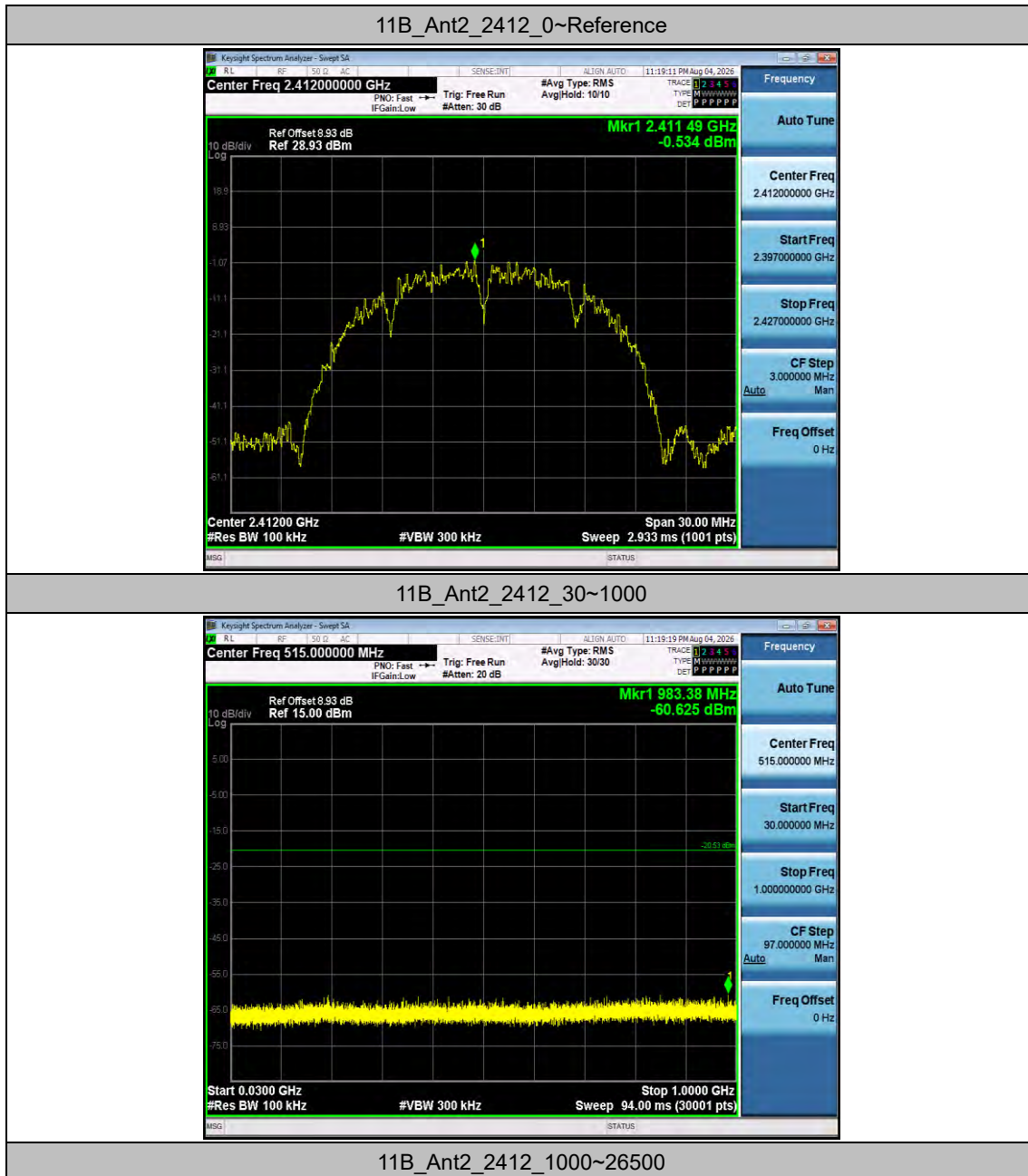


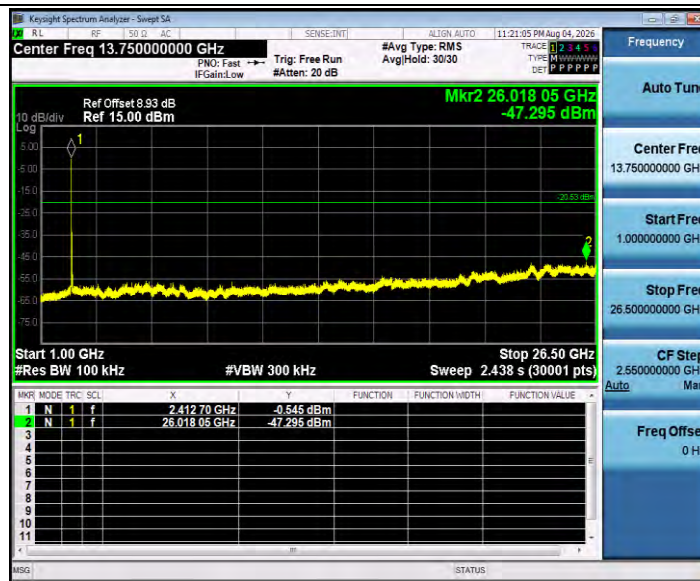
Appendix A.5: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	-0.53	-0.53	---	PASS
			30~1000	-0.53	-60.63	≤ -20.53	PASS
			1000~26500	-0.53	-47.3	≤ -20.53	PASS
		2437	Reference	-0.15	-0.15	---	PASS
			30~1000	-0.15	-60.23	≤ -20.15	PASS
			1000~26500	-0.15	-47.5	≤ -20.15	PASS
		2462	Reference	1.44	1.44	---	PASS
			30~1000	1.44	-59.64	≤ -18.56	PASS
			1000~26500	1.44	-47.41	≤ -18.56	PASS
11G	Ant2	2412	Reference	-5.80	-5.80	---	PASS
			30~1000	-5.80	-60.73	≤ -25.8	PASS
			1000~26500	-5.80	-47.9	≤ -25.8	PASS
		2437	Reference	-3.91	-3.91	---	PASS
			30~1000	-3.91	-60.37	≤ -23.91	PASS
			1000~26500	-3.91	-47.89	≤ -23.91	PASS
		2462	Reference	-3.63	-3.63	---	PASS
			30~1000	-3.63	-60.29	≤ -23.63	PASS
			1000~26500	-3.63	-47.55	≤ -23.63	PASS
11N20SISO	Ant2	2412	Reference	-7.04	-7.04	---	PASS
			30~1000	-7.04	-60.44	≤ -27.04	PASS
			1000~26500	-7.04	-47.58	≤ -27.04	PASS
		2437	Reference	-4.29	-4.29	---	PASS
			30~1000	-4.29	-60.17	≤ -24.29	PASS
			1000~26500	-4.29	-47.51	≤ -24.29	PASS
		2462	Reference	-3.20	-3.20	---	PASS
			30~1000	-3.20	-60.23	≤ -23.2	PASS
			1000~26500	-3.20	-47.11	≤ -23.2	PASS
11N40SISO	Ant2	2422	Reference	-9.70	-9.70	---	PASS
			30~1000	-9.70	-59.8	≤ -29.7	PASS
			1000~26500	-9.70	-47.91	≤ -29.7	PASS
		2437	Reference	-7.54	-7.54	---	PASS
			30~1000	-7.54	-59.41	≤ -27.54	PASS
			1000~26500	-7.54	-47.3	≤ -27.54	PASS
		2452	Reference	-8.37	-8.37	---	PASS
			30~1000	-8.37	-60.66	≤ -28.37	PASS
			1000~26500	-8.37	-47.69	≤ -28.37	PASS

Test Graphs

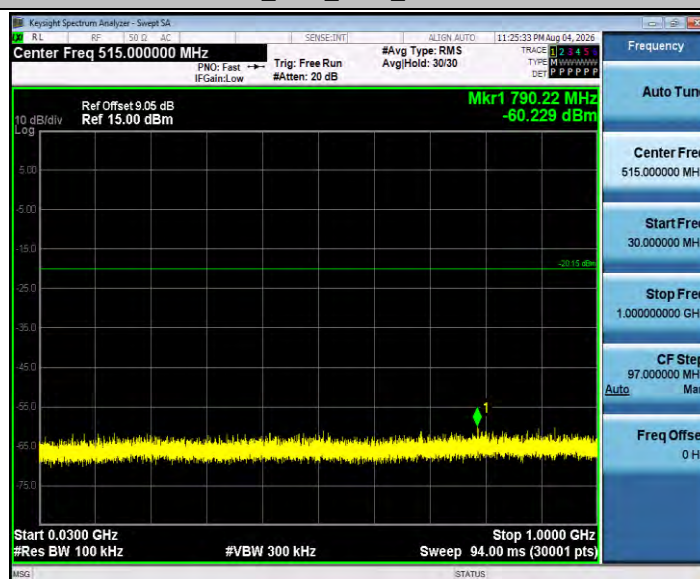


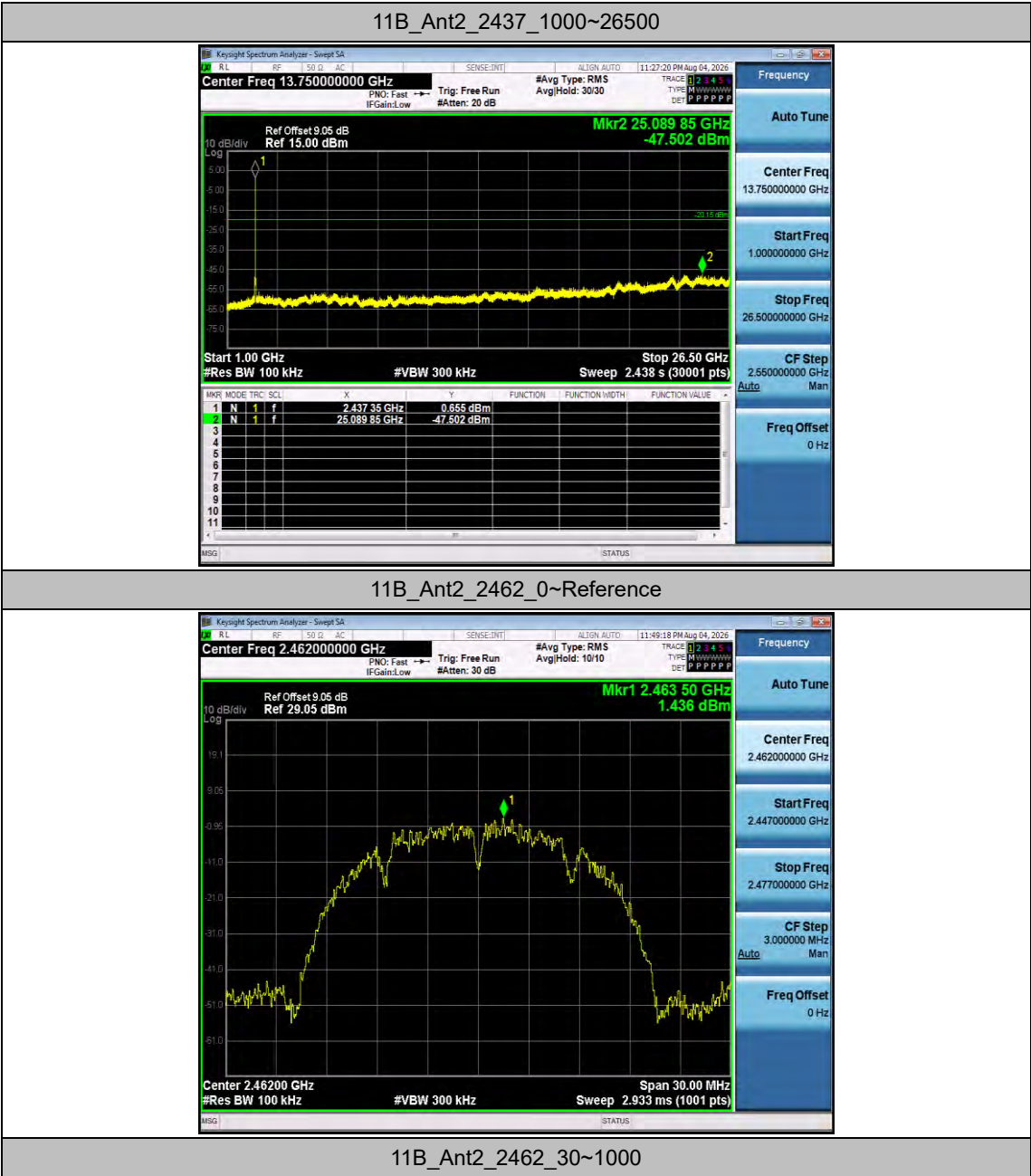


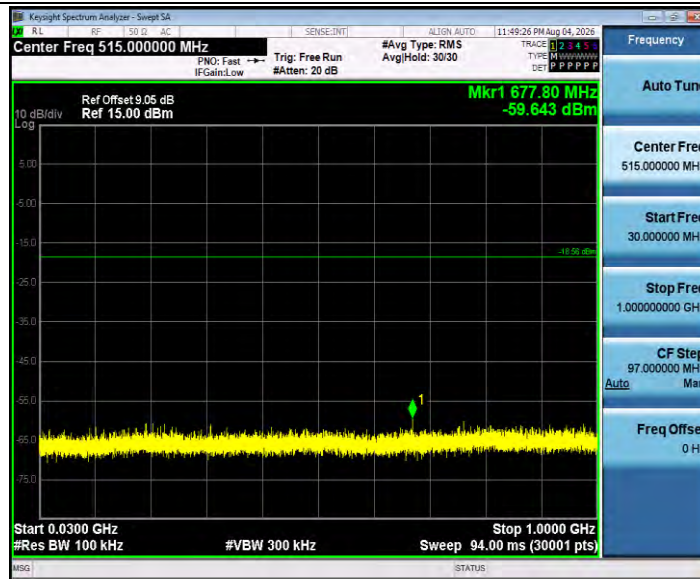
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000





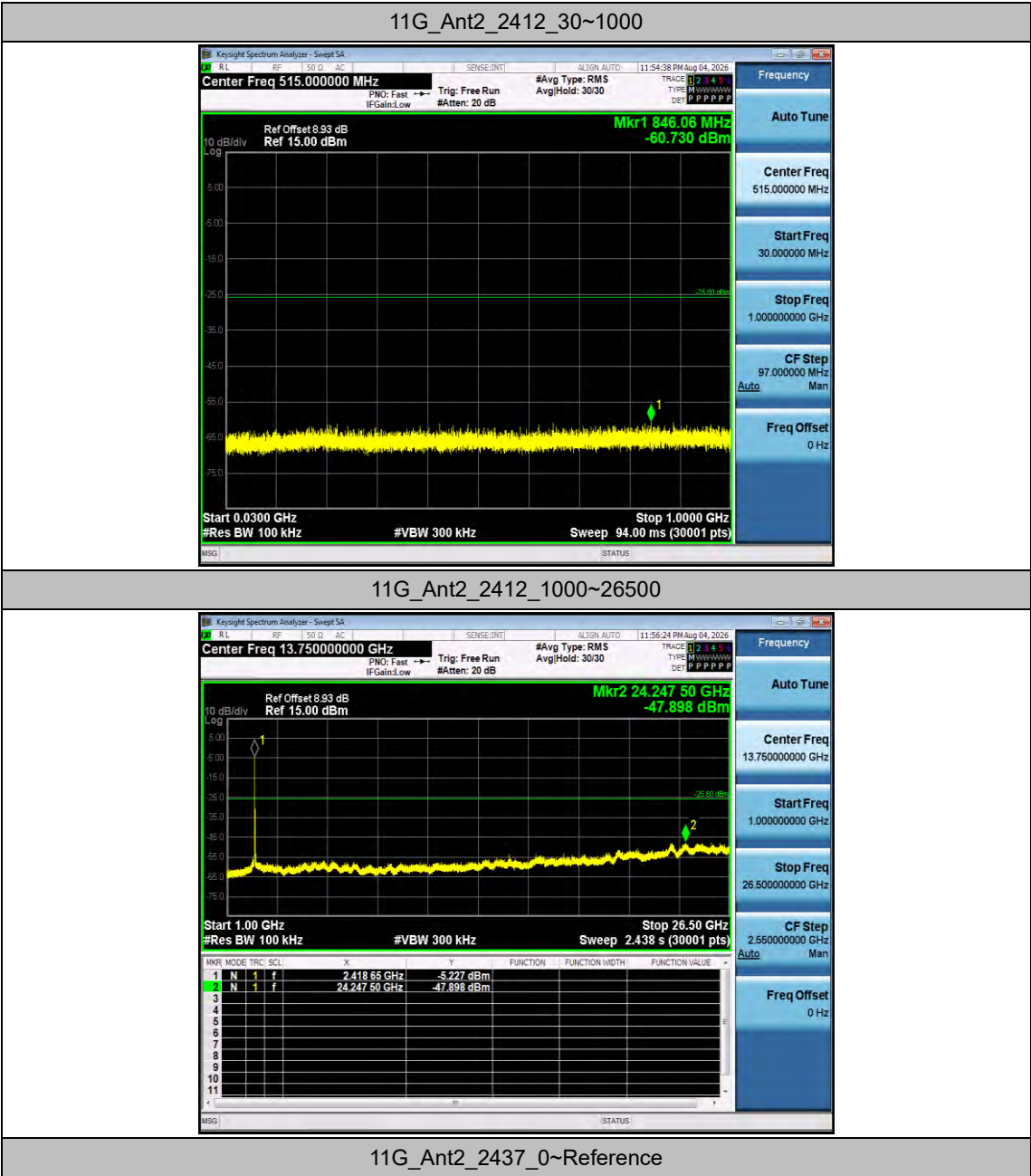


11B_Ant2_2462_1000~26500



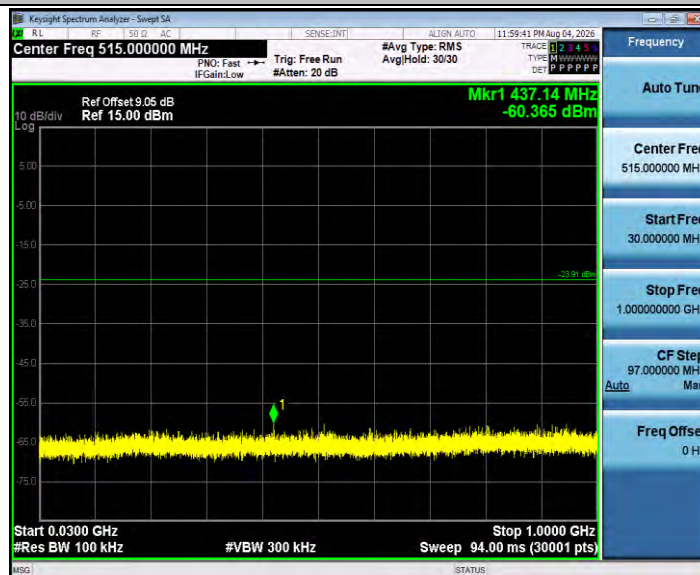
11G_Ant2_2412_0~Reference







11G_Ant2_2437_30~1000



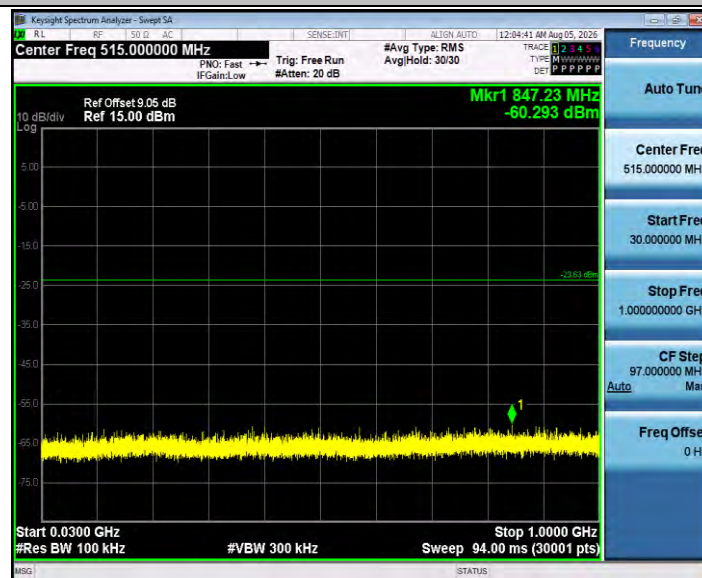
11G_Ant2_2437_1000~26500



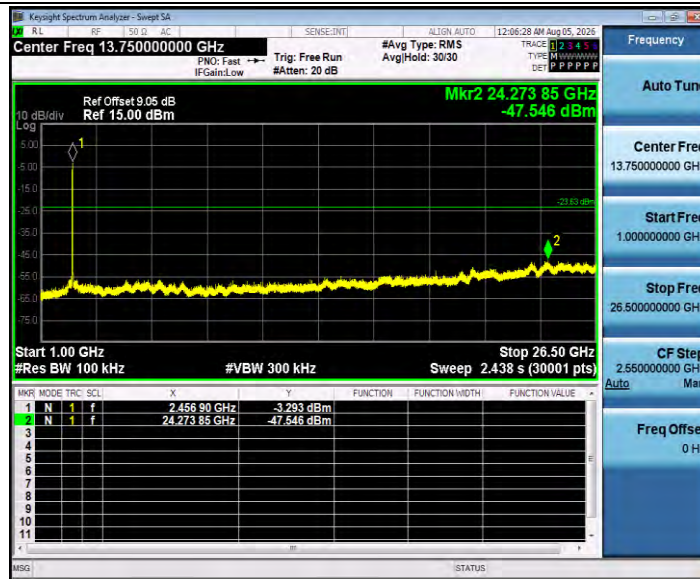
11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



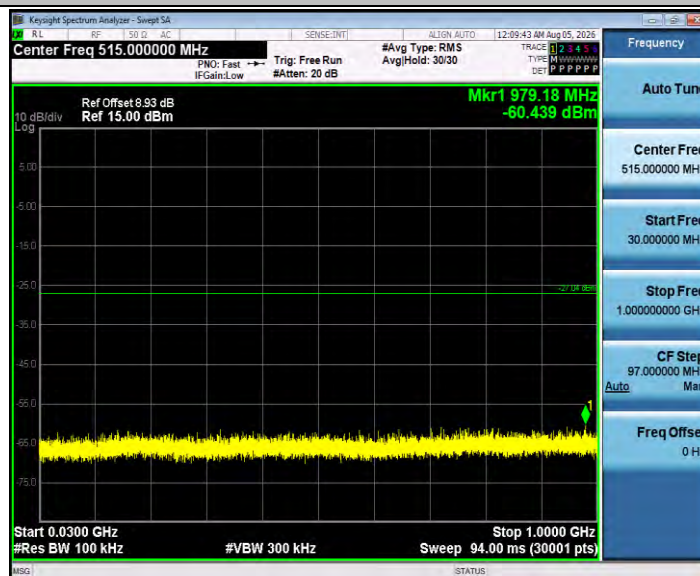
11G_Ant2_2462_1000~26500



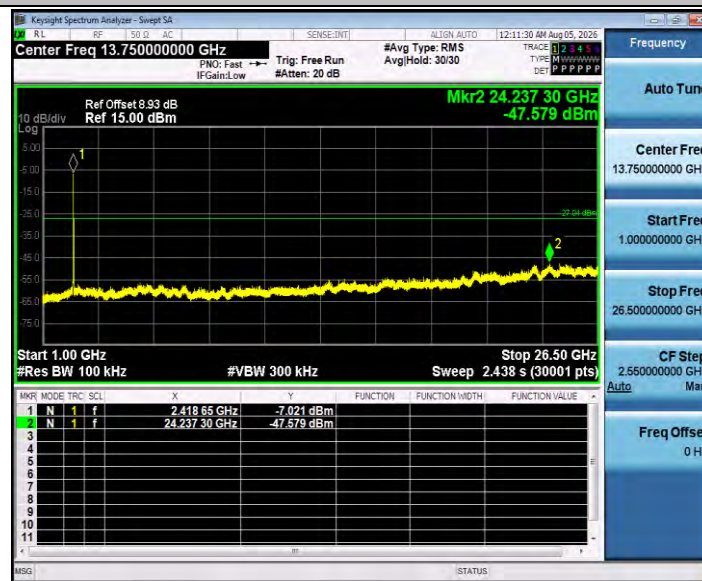
11N20SISO_Ant2_2412_0~Reference



11N20SISO_Ant2_2412_30~1000



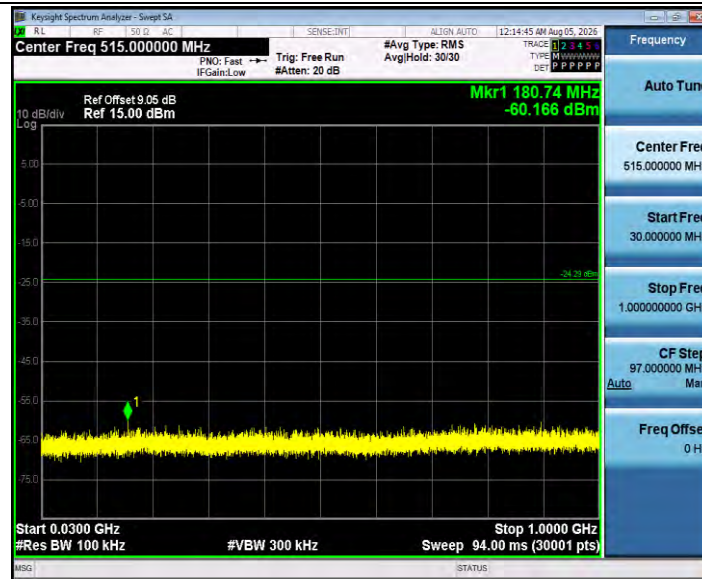
11N20SISO_Ant2_2412_1000~26500



11N20SISO_Ant2_2437_0~Reference



11N20SISO_Ant2_2437_30~1000



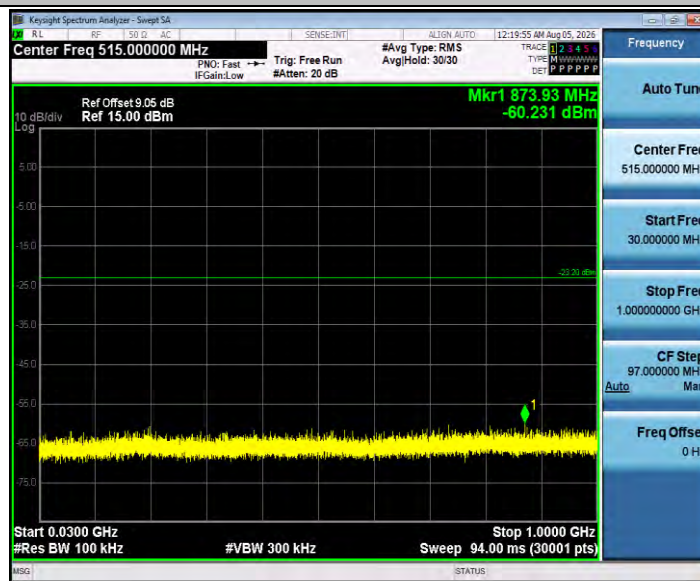
11N20SISO_Ant2_2437_1000~26500



11N20SISO_Ant2_2462_0~Reference



11N20SISO_Ant2_2462_30~1000



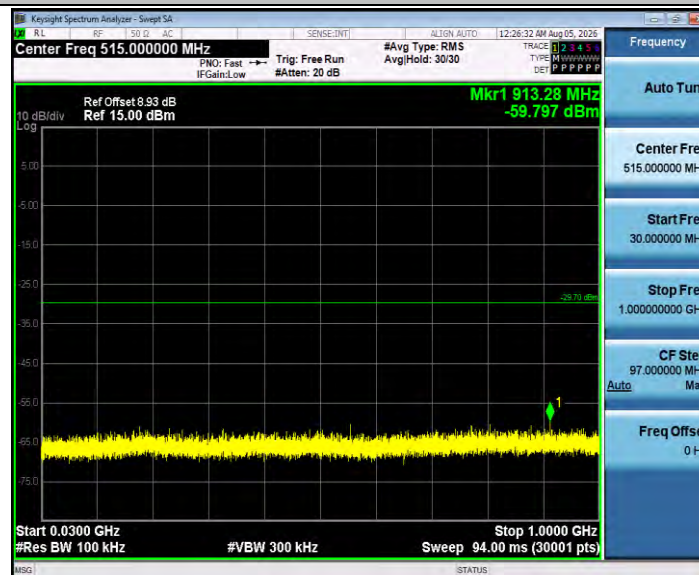
11N20SISO_Ant2_2462_1000~26500



11N40SISO_Ant2_2422_0~Reference



11N40SISO_Ant2_2422_30~1000



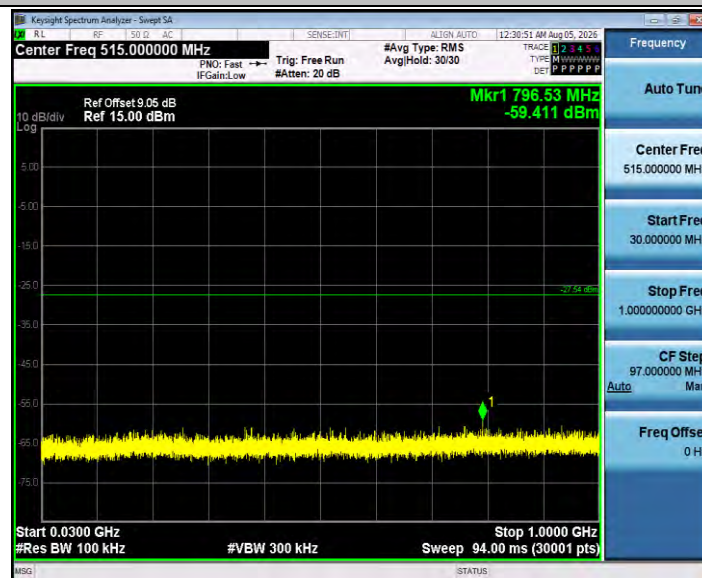
11N40SISO_Ant2_2422_1000~26500



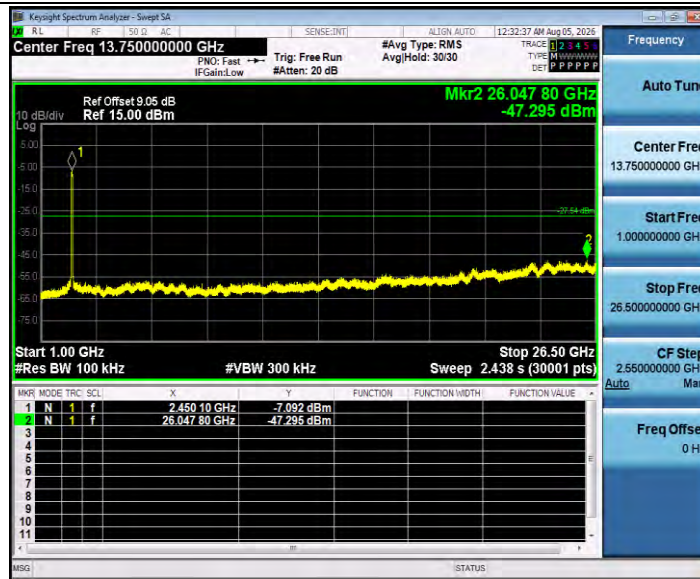
11N40SISO_Ant2_2437_0~Reference



11N40SISO_Ant2_2437_30~1000



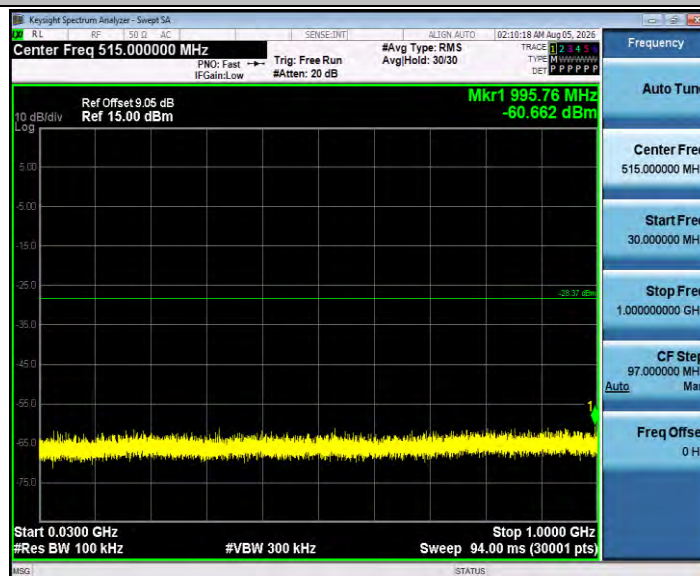
11N40SISO_Ant2_2437_1000~26500



11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000



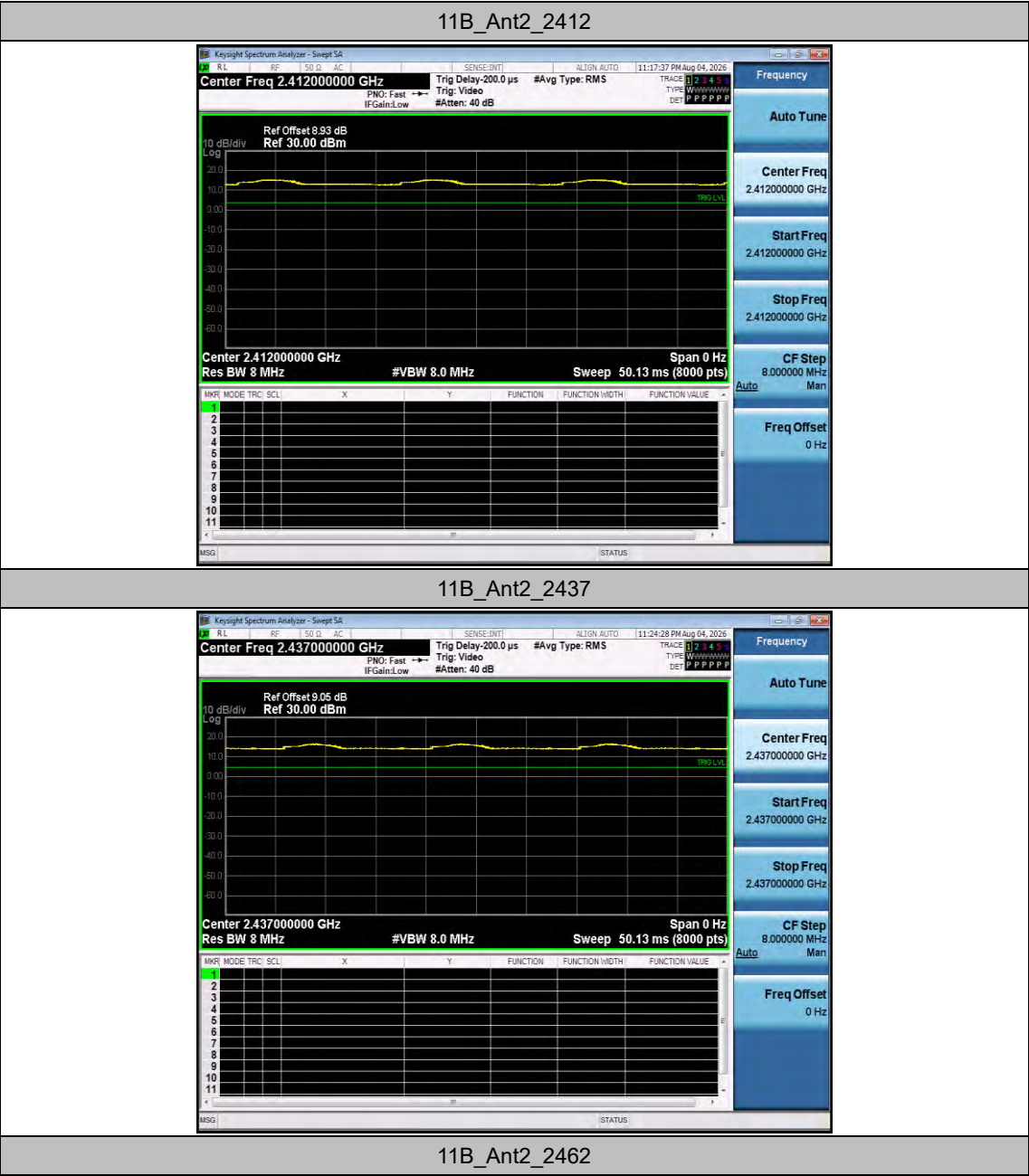


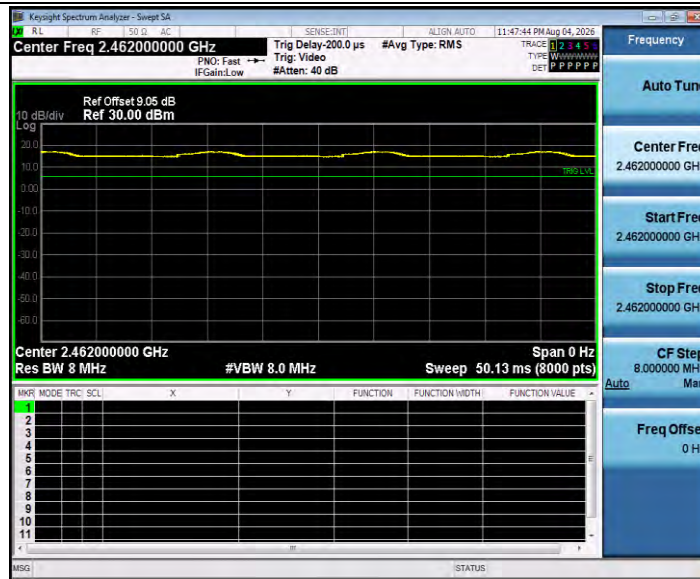
AppendixA.6: Duty Cycle

Test Result

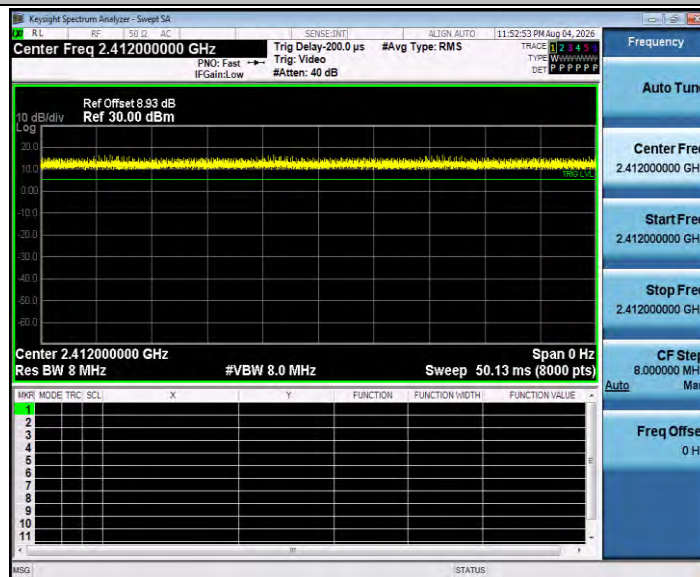
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant2	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant2	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N20SISO	Ant2	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N40SISO	Ant2	2422	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2452	50.00	50.00	100.00	0.00	0.02

Test Graphs

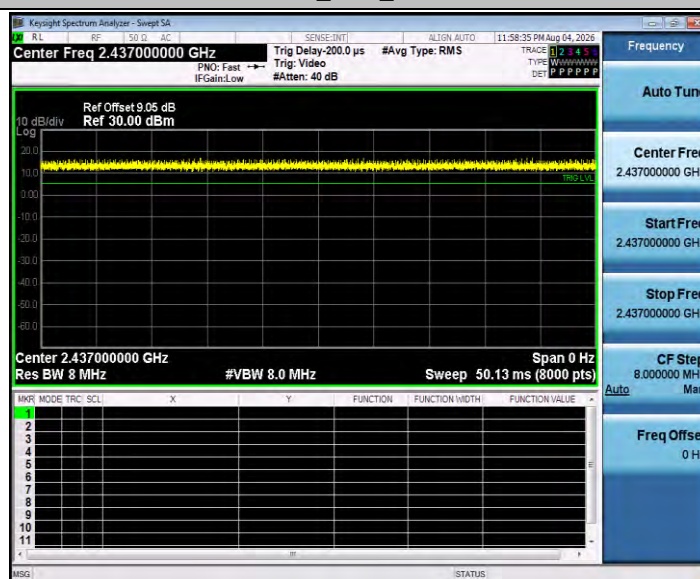




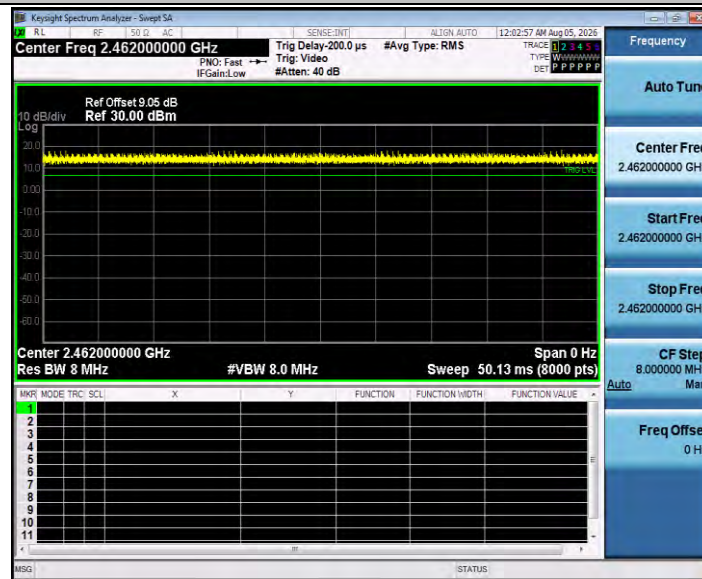
11G_Ant2_2412



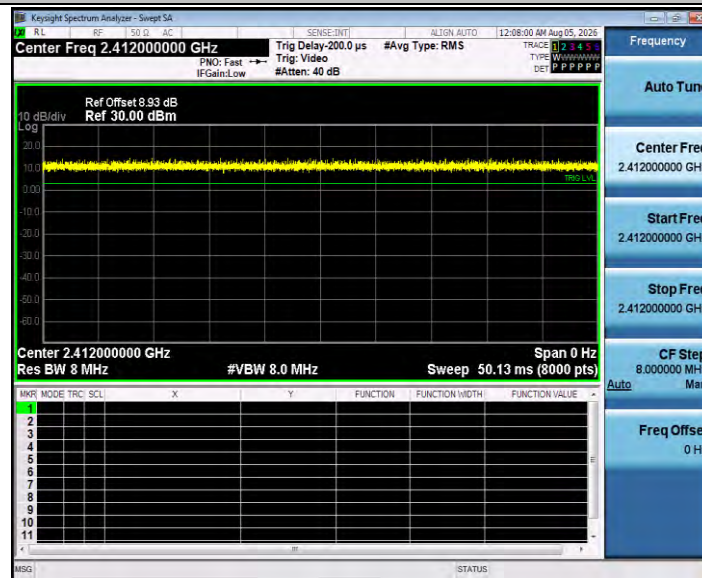
11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437

