

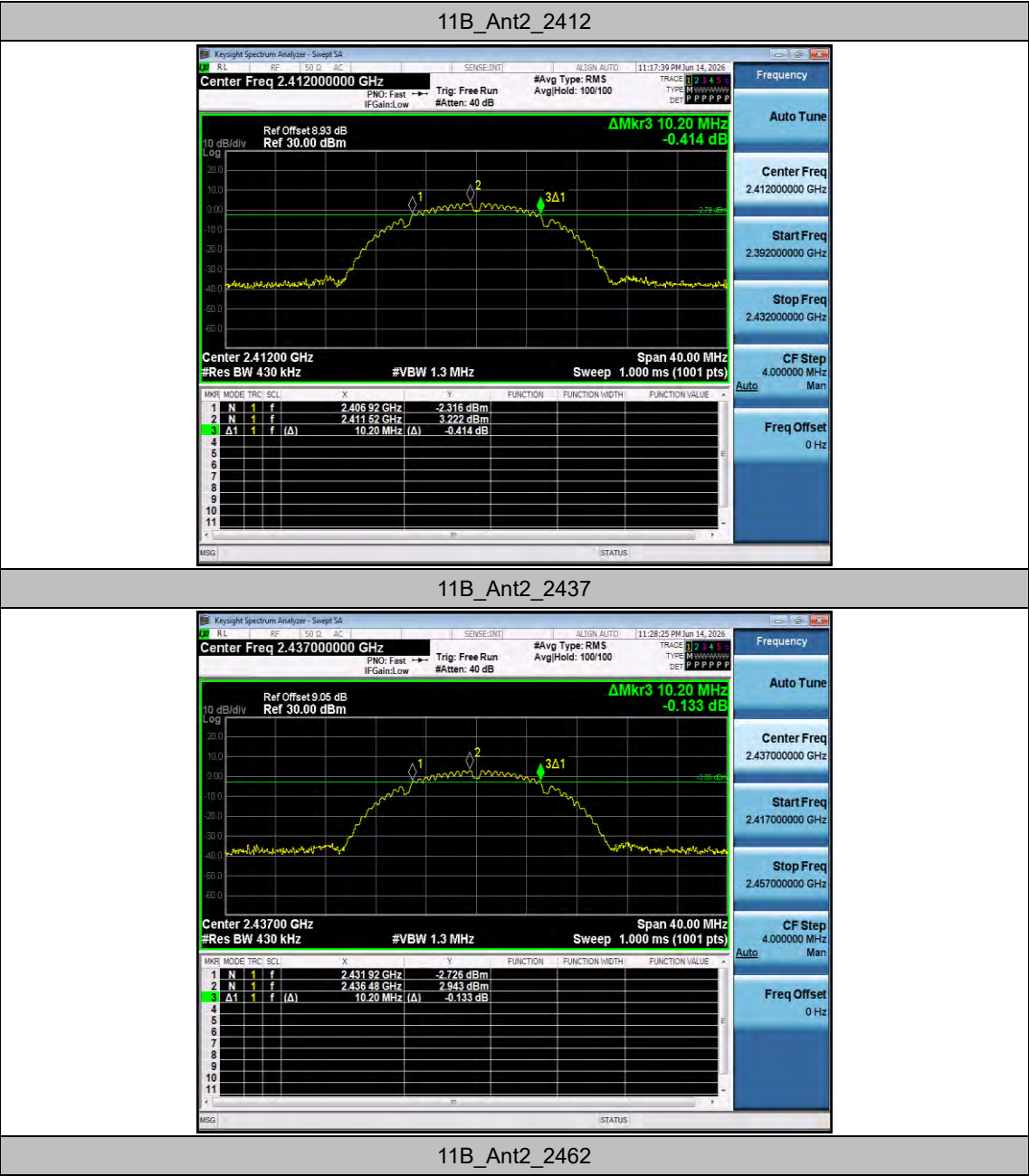
Case No. : <u>GTS20260616001-2-01</u>
Ambient Condition: <u>25°C,45%RH,</u>
Test Date: <u>2026.6.17-2026.6.30</u> Test Engineer: <u>Evan ouyang</u>

AppendixA.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.200	2406.920	2417.120	0.5	PASS
		2437	10.200	2431.920	2442.120	0.5	PASS
		2462	10.240	2456.880	2467.120	0.5	PASS
11G	Ant2	2412	16.440	2403.760	2420.200	0.5	PASS
		2437	16.400	2428.840	2445.240	0.5	PASS
		2462	16.280	2453.880	2470.160	0.5	PASS
11N20SISO	Ant2	2412	17.240	2403.320	2420.560	0.5	PASS
		2437	17.360	2428.360	2445.720	0.5	PASS
		2462	17.200	2453.320	2470.520	0.5	PASS
11N40SISO	Ant2	2422	36.240	2403.920	2440.160	0.5	PASS
		2437	36.240	2418.920	2455.160	0.5	PASS
		2452	36.240	2433.920	2470.160	0.5	PASS

Test Graphs





11G_Ant2_2412



11G_Ant2_2437



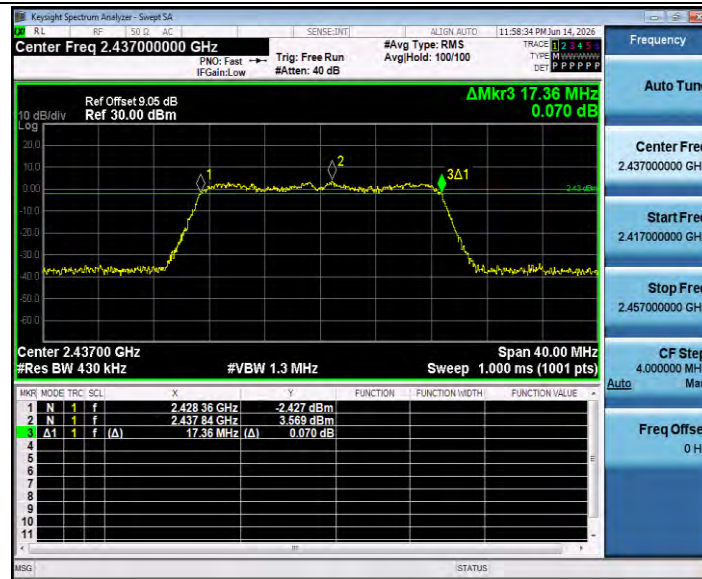
11G_Ant2_2462



11N20SISO_Ant2_2412



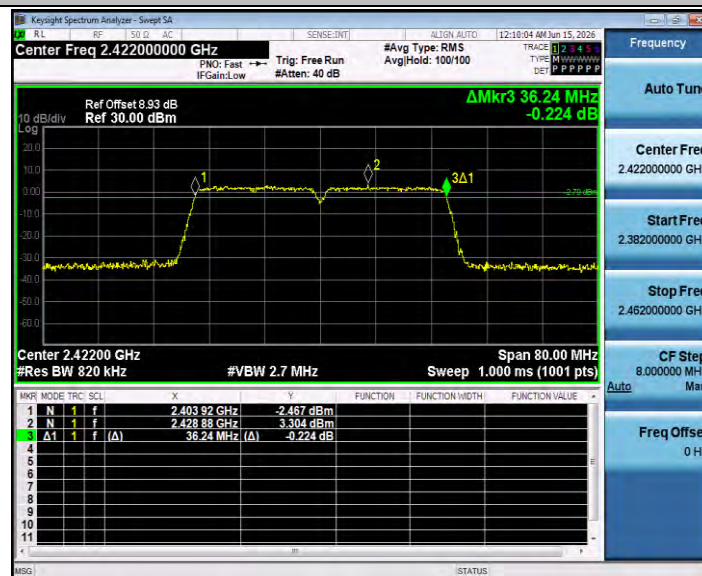
11N20SISO_Ant2_2437



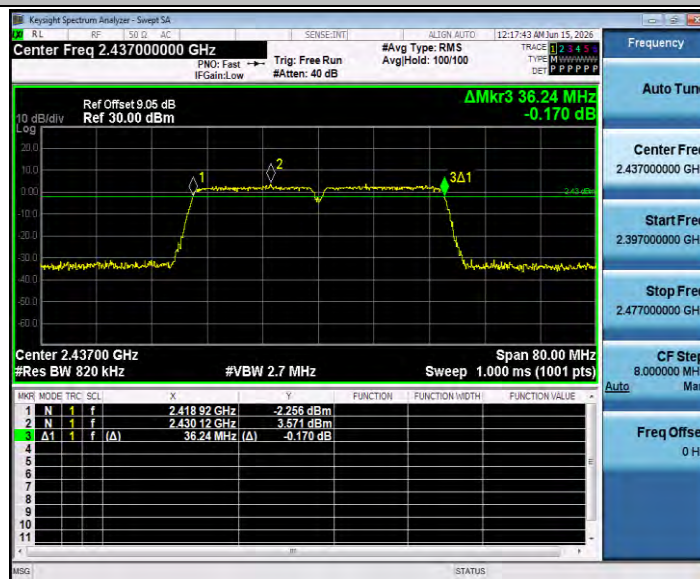
11N20SISO_Ant2_2462



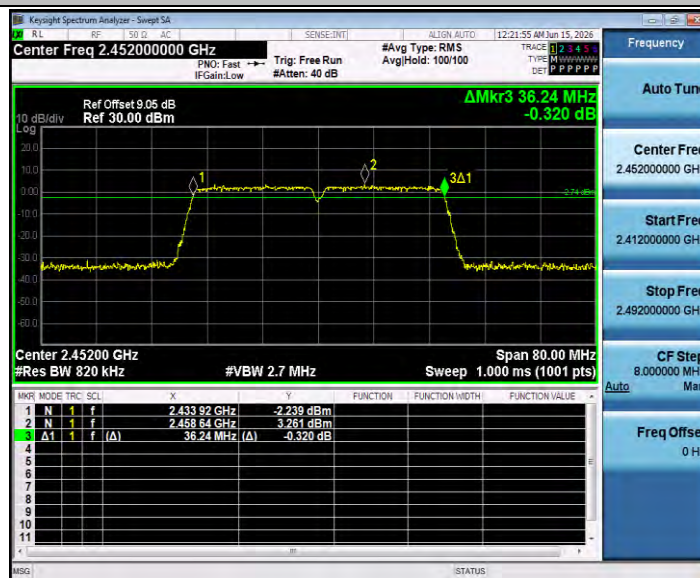
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



AppendixA.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	14.876	2404.5657	2419.4417	---	---
		2437	14.877	2429.5889	2444.4659	---	---
		2462	14.845	2454.5663	2469.4113	---	---
11G	Ant2	2412	16.721	2403.5886	2420.3096	---	---
		2437	16.707	2428.6217	2445.3287	---	---
		2462	16.712	2453.5949	2470.3069	---	---
11N20SISO	Ant2	2412	17.602	2403.1821	2420.7841	---	---
		2437	17.589	2428.2069	2445.7959	---	---
		2462	17.605	2453.1857	2470.7907	---	---
11N40SISO	Ant2	2422	36.175	2403.9367	2440.1117	---	---
		2437	36.177	2418.9703	2455.1473	---	---
		2452	36.132	2433.9721	2470.1041	---	---

Test Graphs

11B_Ant2_2412



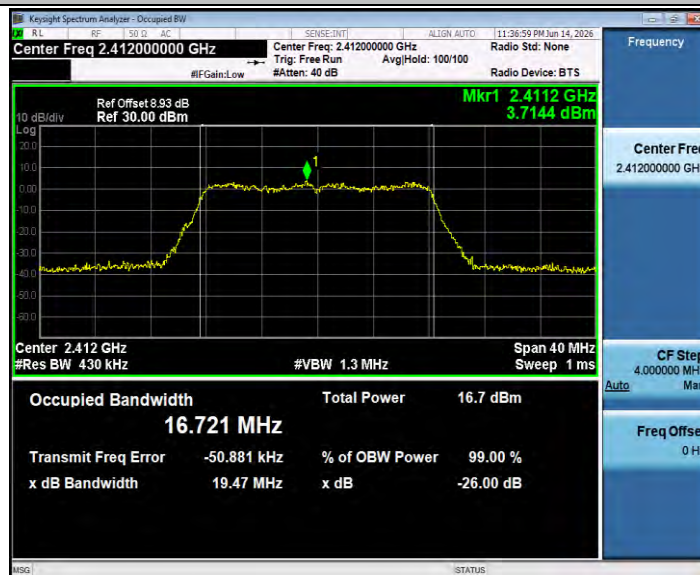
11B_Ant2_2437



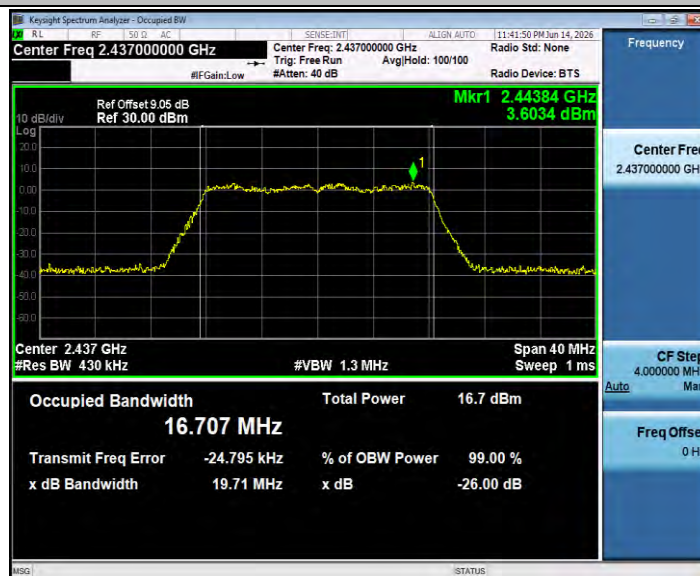
11B_Ant2_2462



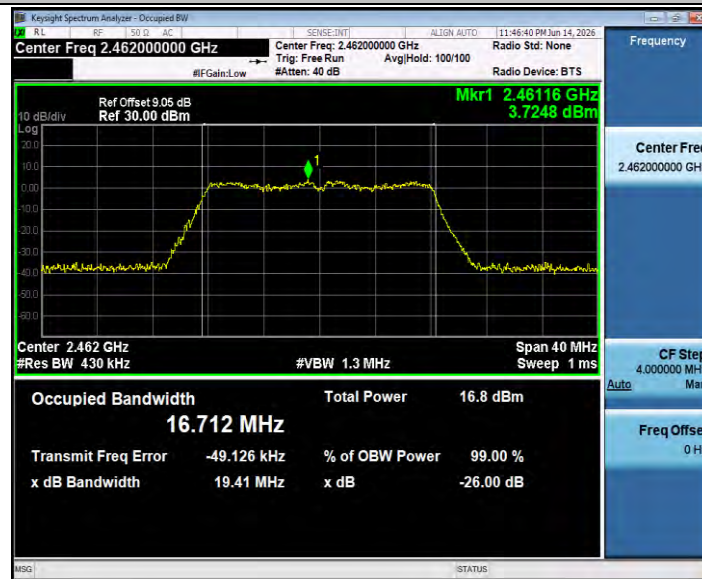
11G_Ant2_2412



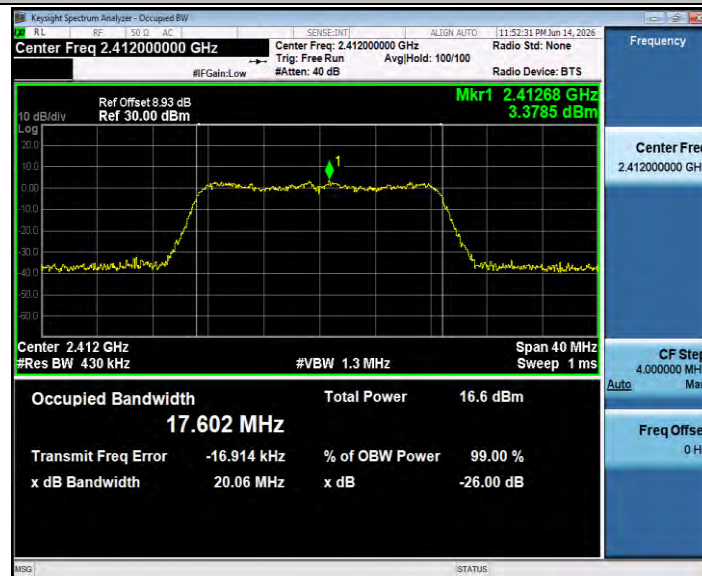
11G_Ant2_2437



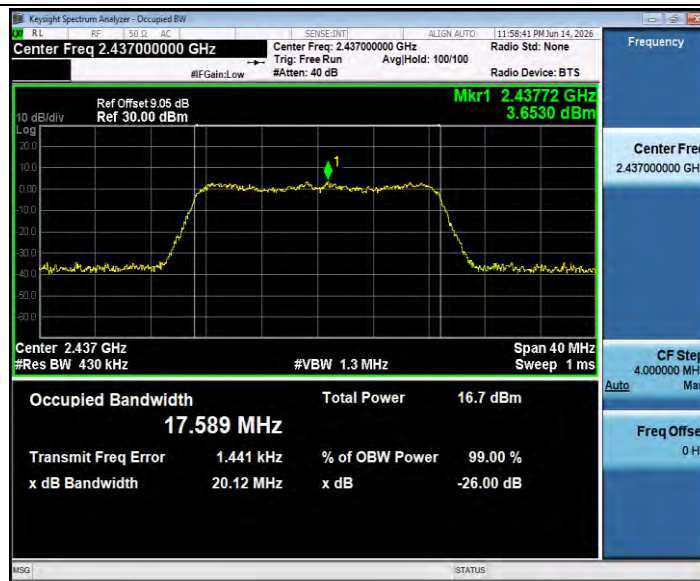
11G_Ant2_2462



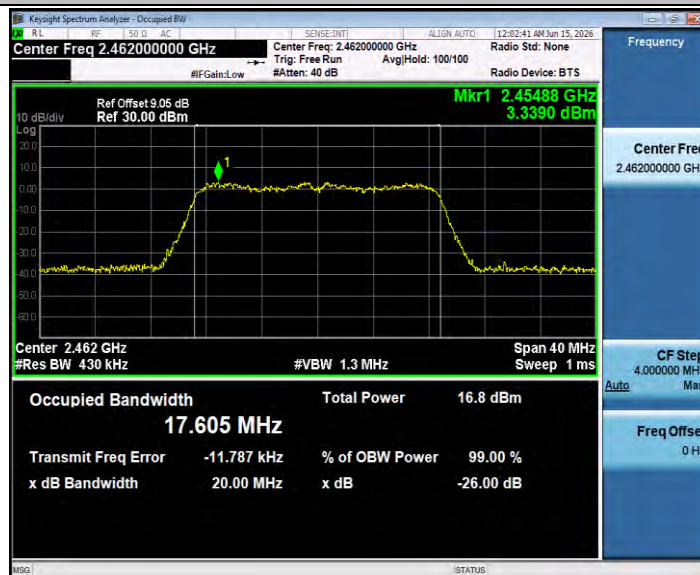
11N20SISO_Ant2_2412



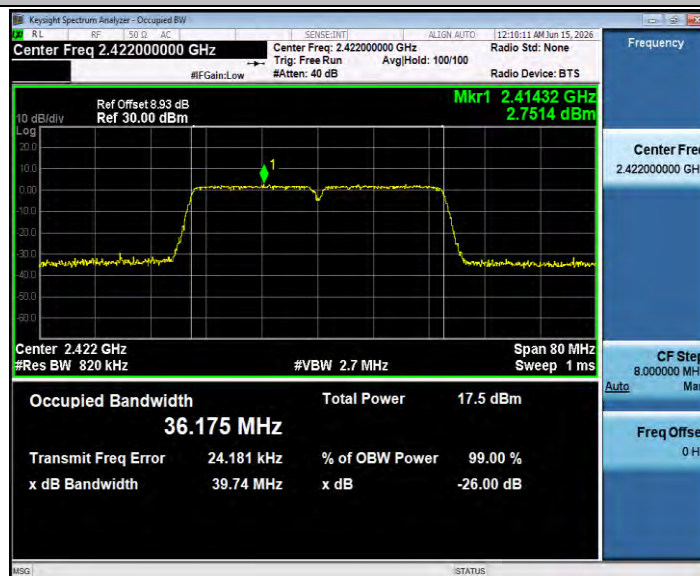
11N20SISO_Ant2_2437



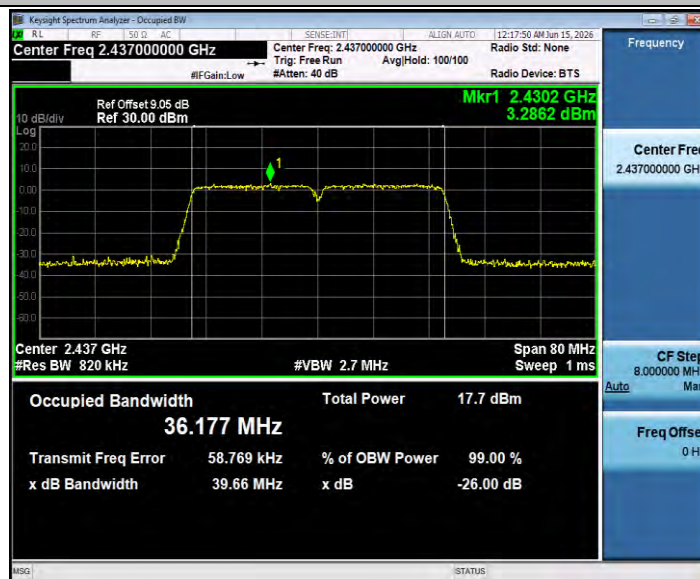
11N20SISO_Ant2_2462



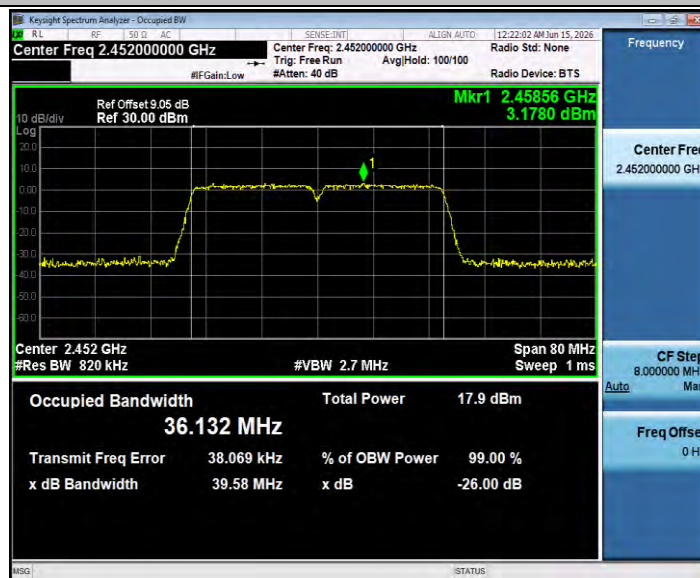
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



AppendixA.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	14.79	≤30.00	PASS
		2437	14.54	≤30.00	PASS
		2462	14.71	≤30.00	PASS
11G	Ant2	2412	17.82	≤30.00	PASS
		2437	17.97	≤30.00	PASS
		2462	17.93	≤30.00	PASS
11N20SISO	Ant2	2412	17.95	≤30.00	PASS
		2437	18.04	≤30.00	PASS
		2462	18.17	≤30.00	PASS
11N40SISO	Ant2	2422	17.79	≤30.00	PASS
		2437	18.13	≤30.00	PASS
		2452	18.20	≤30.00	PASS

AppendixA.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-18.03	≤8.00	PASS
		2437	-18.21	≤8.00	PASS
		2462	-17.94	≤8.00	PASS
11G	Ant2	2412	-17.40	≤8.00	PASS
		2437	-16.87	≤8.00	PASS
		2462	-16.74	≤8.00	PASS
11N20SISO	Ant2	2412	-16.27	≤8.00	PASS
		2437	-17.06	≤8.00	PASS
		2462	-15.94	≤8.00	PASS
11N40SISO	Ant2	2422	-19.65	≤8.00	PASS
		2437	-18.40	≤8.00	PASS
		2452	-16.83	≤8.00	PASS

Test Graphs

11B_Ant2_2412



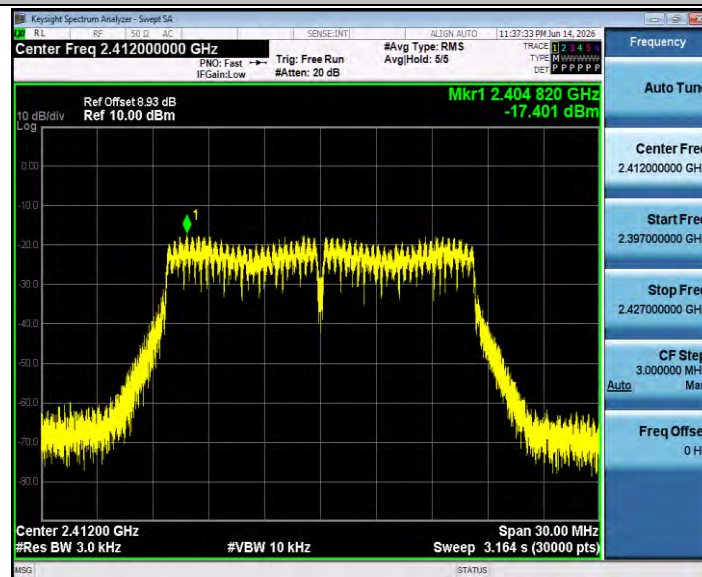
11B_Ant2_2437



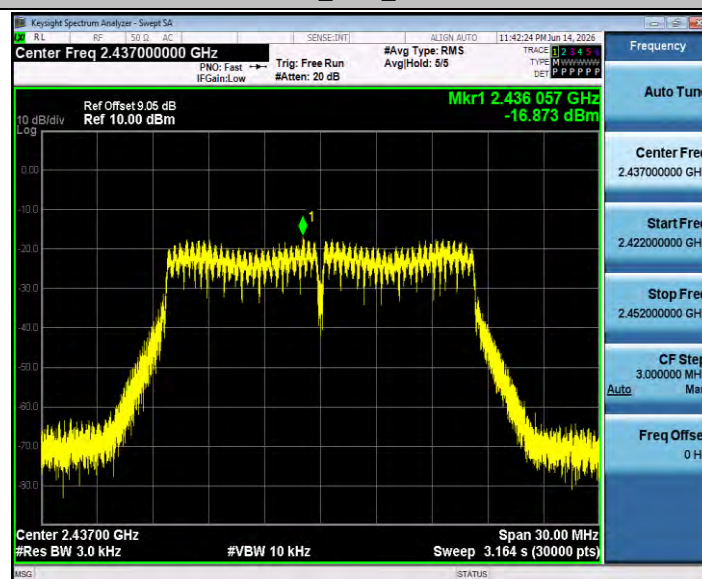
11B_Ant2_2462



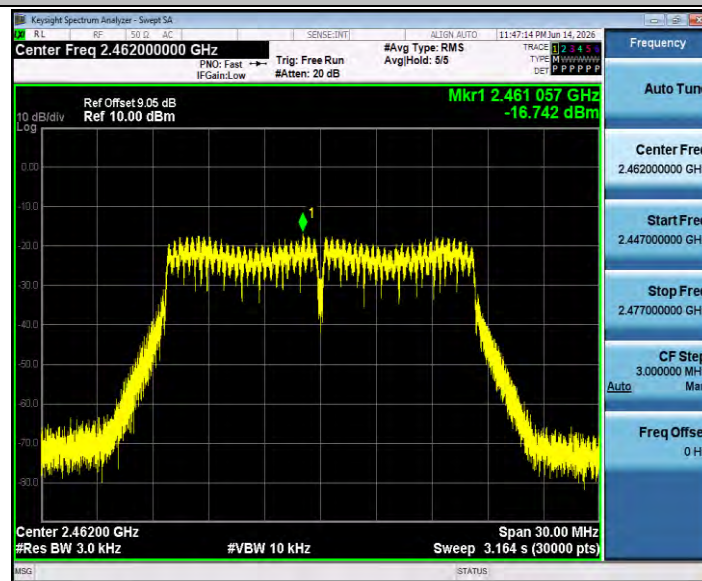
11G_Ant2_2412



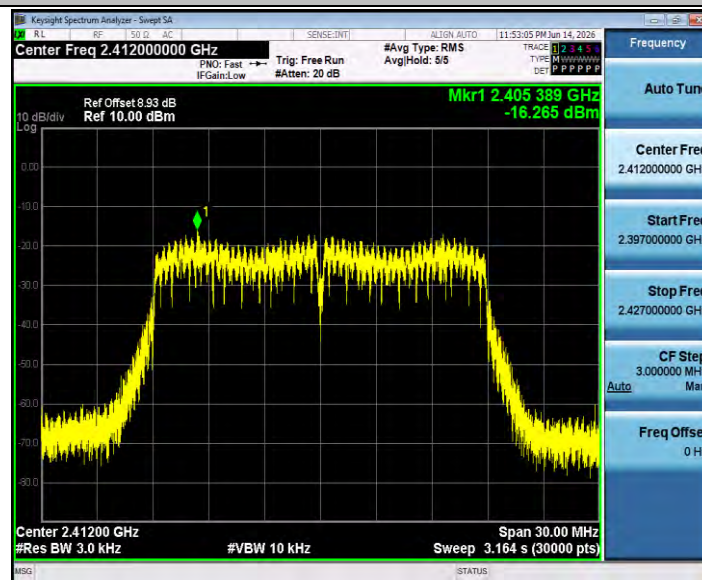
11G_Ant2_2437



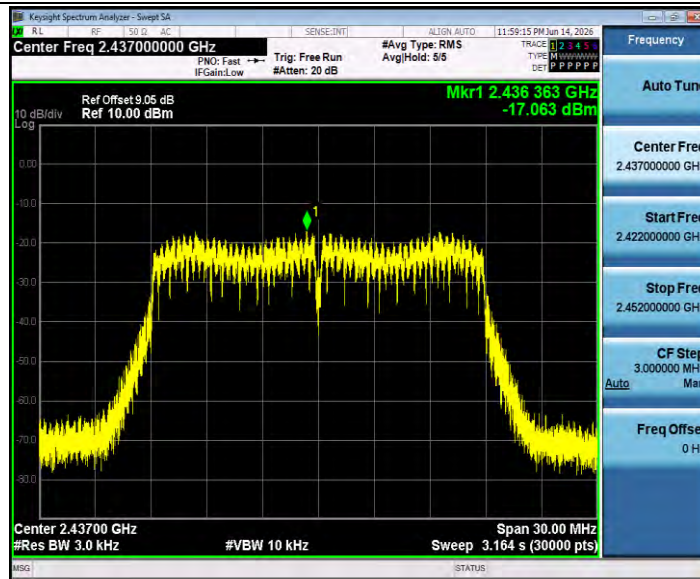
11G_Ant2_2462



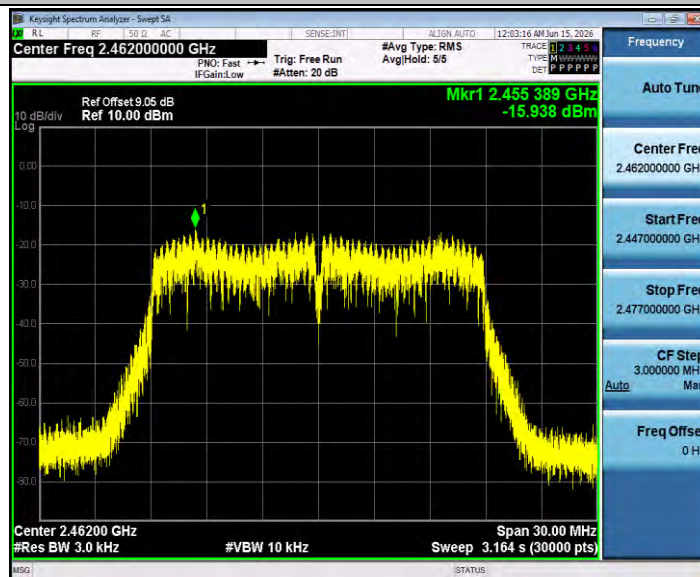
11N20SISO_Ant2_2412



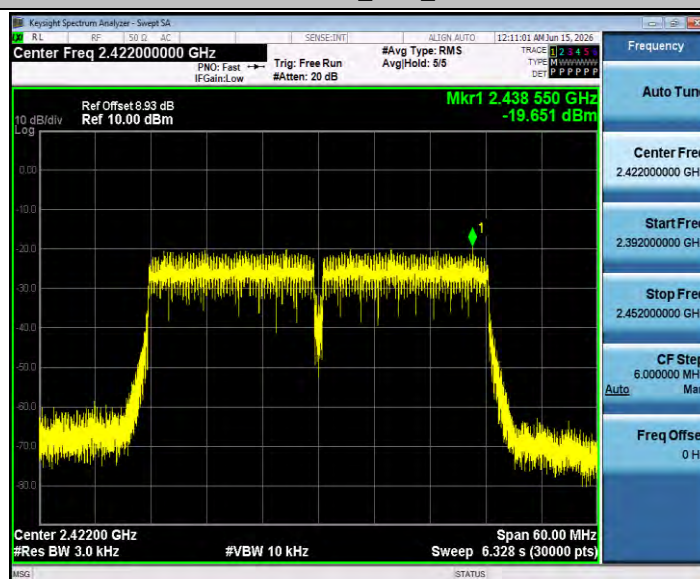
11N20SISO_Ant2_2437



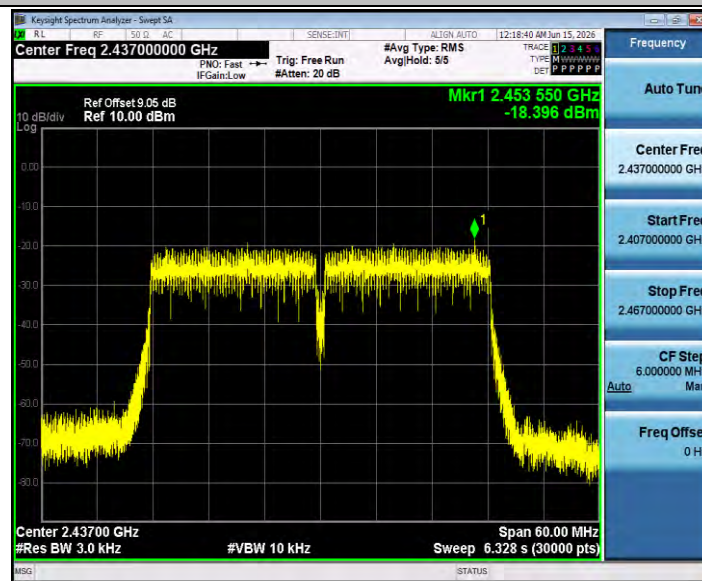
11N20SISO_Ant2_2462



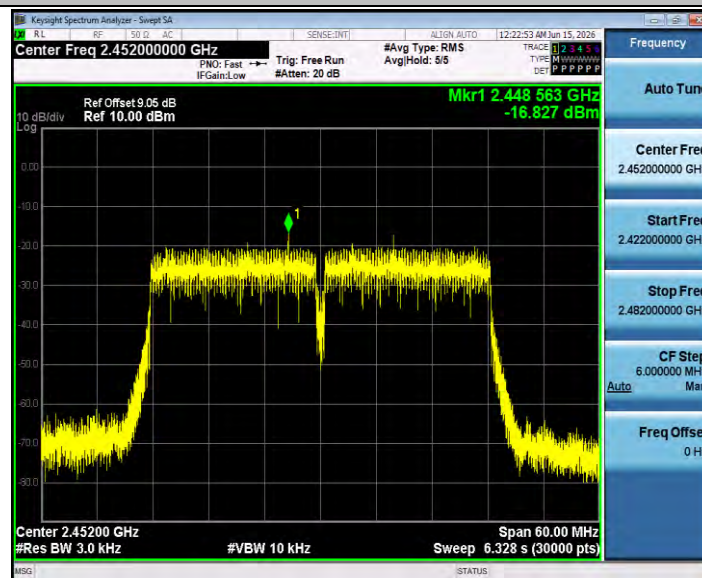
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



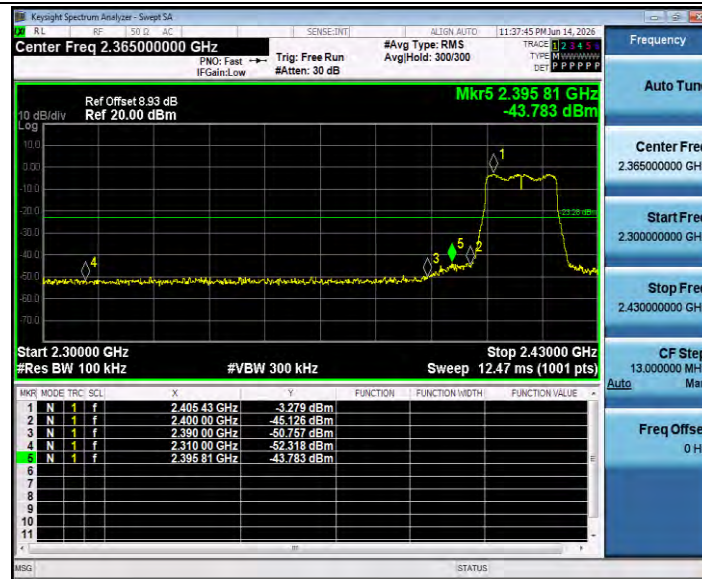
Appendix A.5: Band edge measurements

Test Result

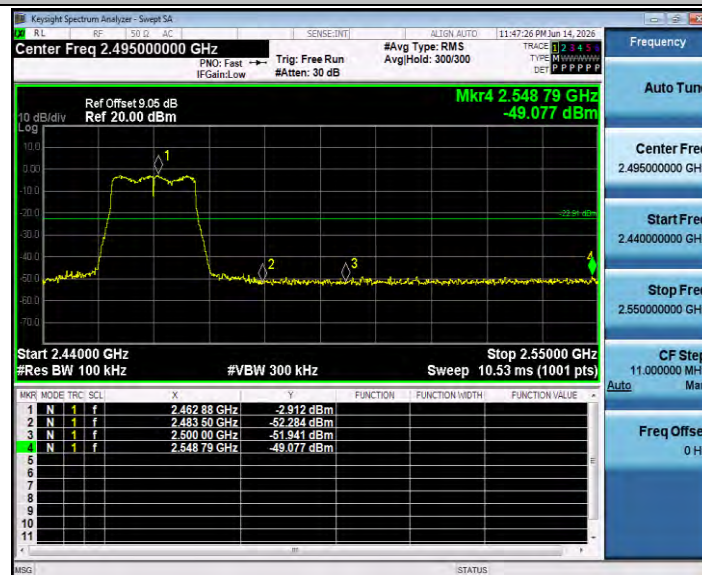
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	1.82	-41.18	≤ -18.18	PASS
		High	2462	1.88	-48.53	≤ -18.12	PASS
11G	Ant2	Low	2412	-3.28	-43.78	≤ -23.28	PASS
		High	2462	-2.91	-49.08	≤ -22.91	PASS
11N20SISO	Ant2	Low	2412	-3.23	-43.23	≤ -23.23	PASS
		High	2462	-2.70	-48.83	≤ -22.7	PASS
11N40SISO	Ant2	Low	2422	-6.76	-43.53	≤ -26.76	PASS
		High	2452	-6.18	-48.8	≤ -26.18	PASS

Test Graphs

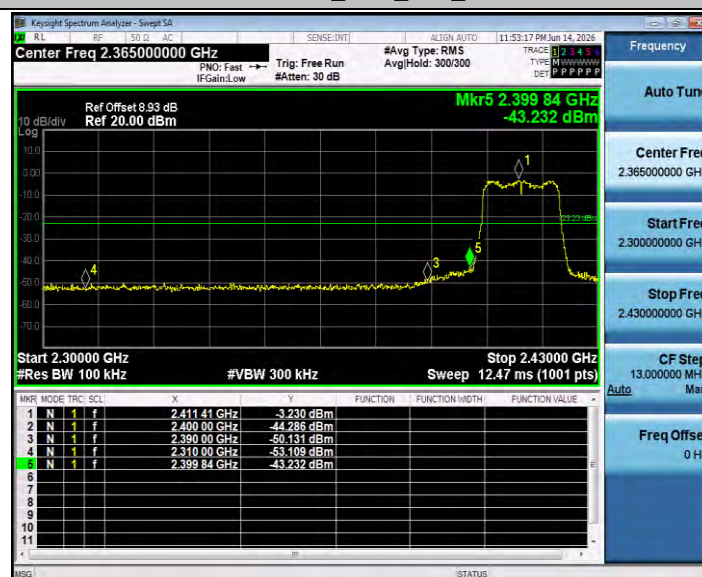




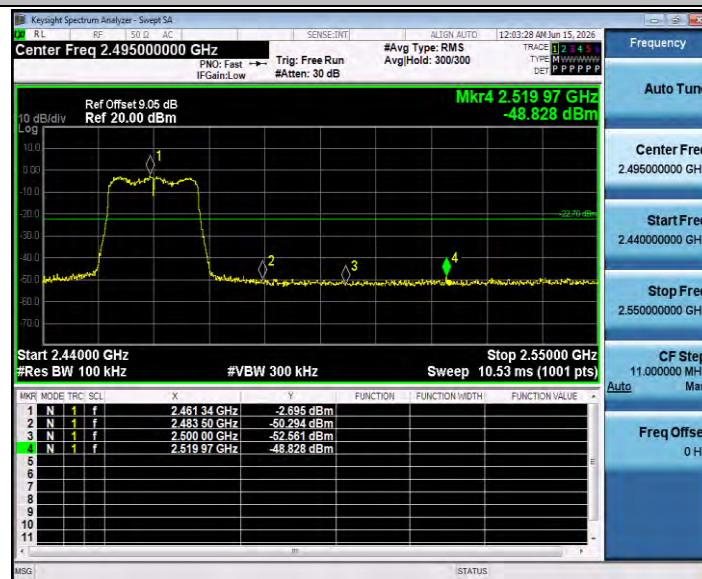
11G_Ant2_High_2462



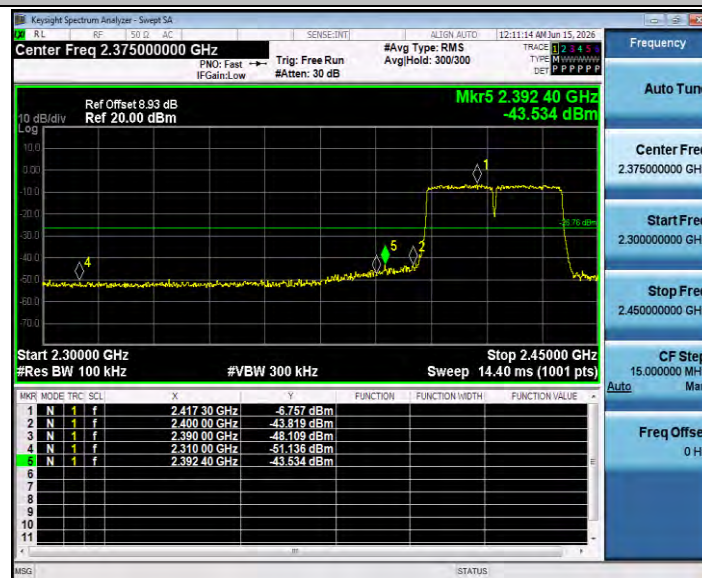
11N20SISO_Ant2_Low_2412



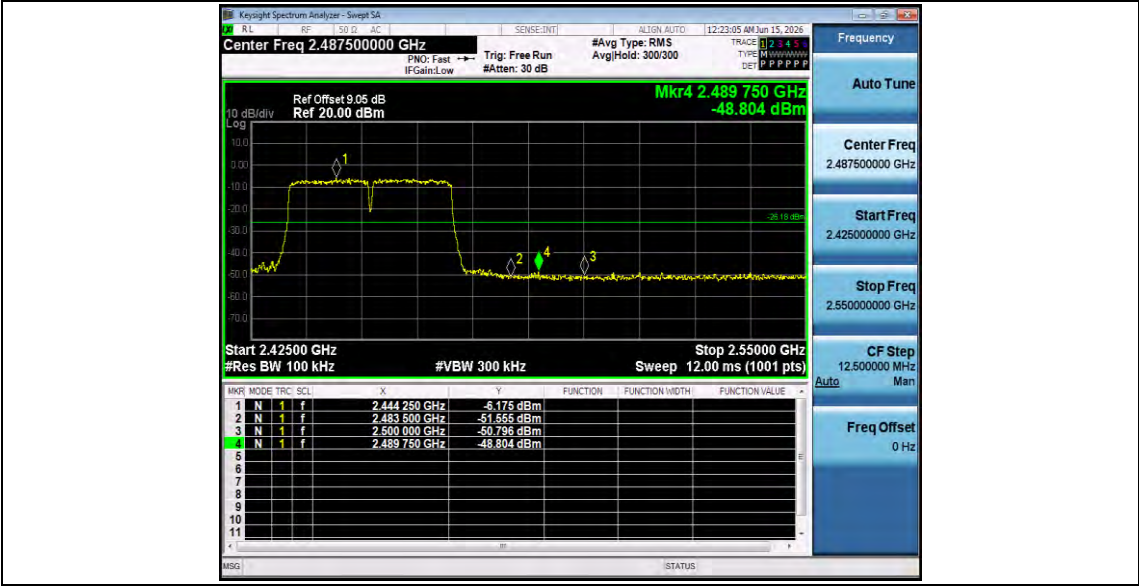
11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452

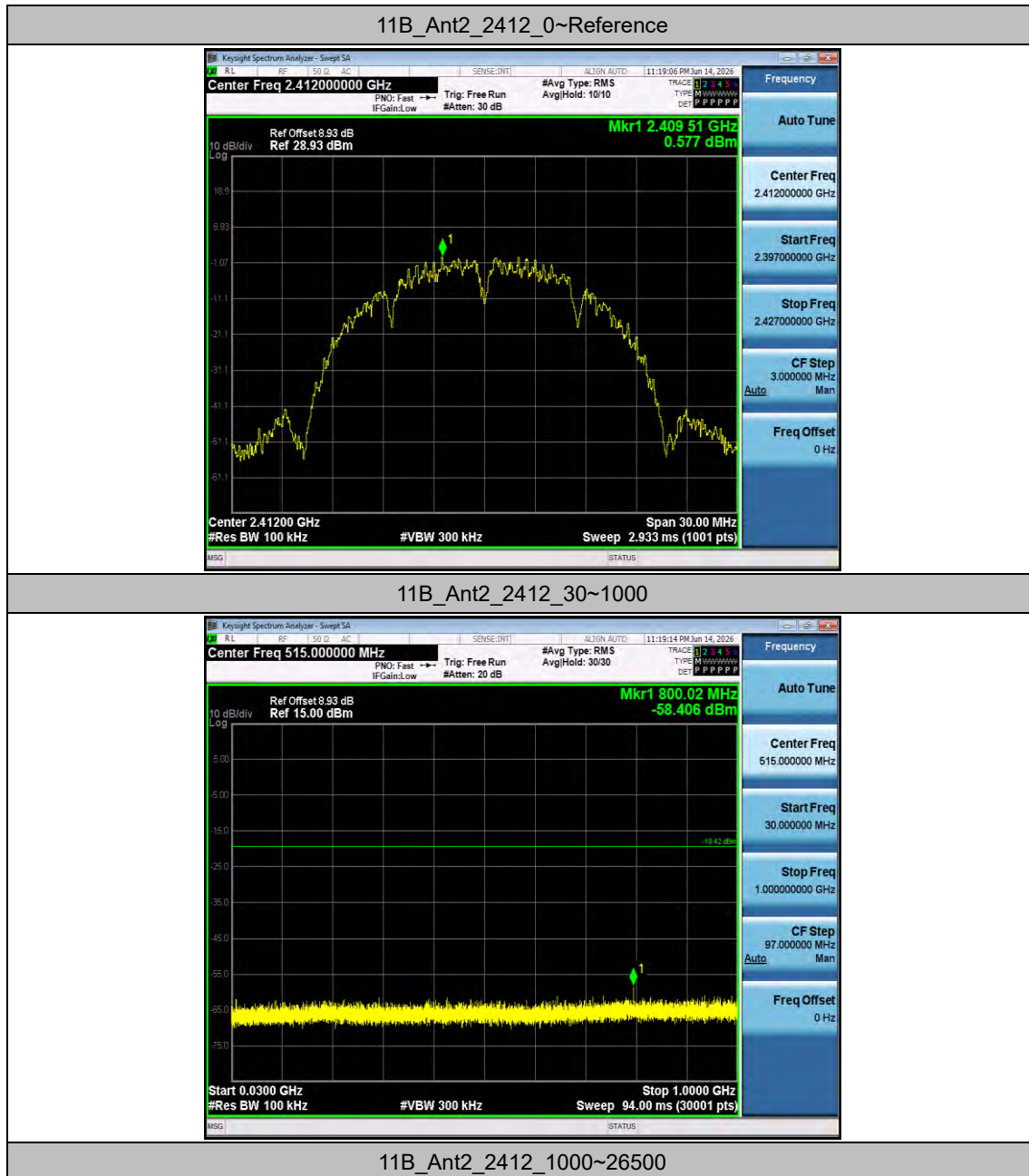


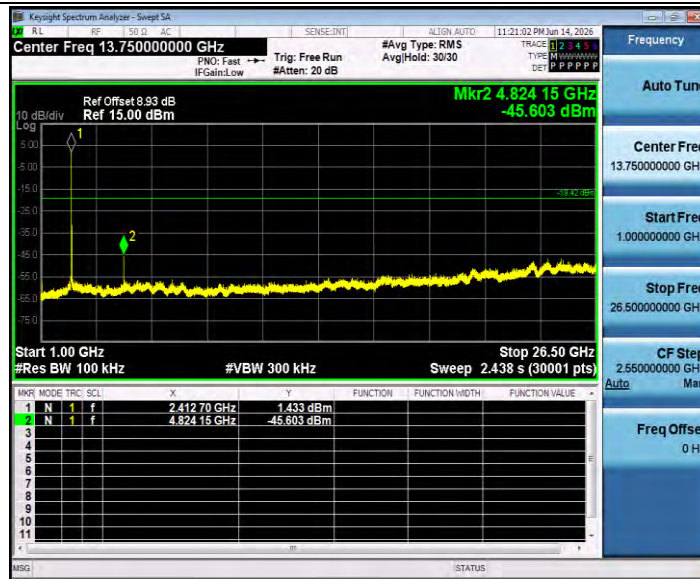
Appendix A.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	0.58	0.58	---	PASS
			30~1000	0.58	-58.41	≤ -19.42	PASS
			1000~26500	0.58	-45.6	≤ -19.42	PASS
		2437	Reference	1.25	1.25	---	PASS
			30~1000	1.25	-57.37	≤ -18.75	PASS
			1000~26500	1.25	-45.34	≤ -18.75	PASS
		2462	Reference	1.70	1.70	---	PASS
			30~1000	1.70	-57.62	≤ -18.3	PASS
			1000~26500	1.70	-44.57	≤ -18.3	PASS
11G	Ant2	2412	Reference	-3.53	-3.53	---	PASS
			30~1000	-3.53	-57.97	≤ -23.53	PASS
			1000~26500	-3.53	-47.1	≤ -23.53	PASS
		2437	Reference	-3.71	-3.71	---	PASS
			30~1000	-3.71	-58.42	≤ -23.71	PASS
			1000~26500	-3.71	-47.8	≤ -23.71	PASS
		2462	Reference	-3.49	-3.49	---	PASS
			30~1000	-3.49	-58.91	≤ -23.49	PASS
			1000~26500	-3.49	-47.89	≤ -23.49	PASS
11N20SISO	Ant2	2412	Reference	-3.78	-3.78	---	PASS
			30~1000	-3.78	-58.65	≤ -23.78	PASS
			1000~26500	-3.78	-47.71	≤ -23.78	PASS
		2437	Reference	-3.57	-3.57	---	PASS
			30~1000	-3.57	-59.43	≤ -23.57	PASS
			1000~26500	-3.57	-46.77	≤ -23.57	PASS
		2462	Reference	-3.64	-3.64	---	PASS
			30~1000	-3.64	-58.67	≤ -23.64	PASS
			1000~26500	-3.64	-46.66	≤ -23.64	PASS
11N40SISO	Ant2	2422	Reference	-7.11	-7.11	---	PASS
			30~1000	-7.11	-58.52	≤ -27.11	PASS
			1000~26500	-7.11	-46.94	≤ -27.11	PASS
		2437	Reference	-6.82	-6.82	---	PASS
			30~1000	-6.82	-59.01	≤ -26.82	PASS
			1000~26500	-6.82	-47.47	≤ -26.82	PASS
		2452	Reference	-6.64	-6.64	---	PASS
			30~1000	-6.64	-57.69	≤ -26.64	PASS
			1000~26500	-6.64	-47.86	≤ -26.64	PASS

Test Graphs

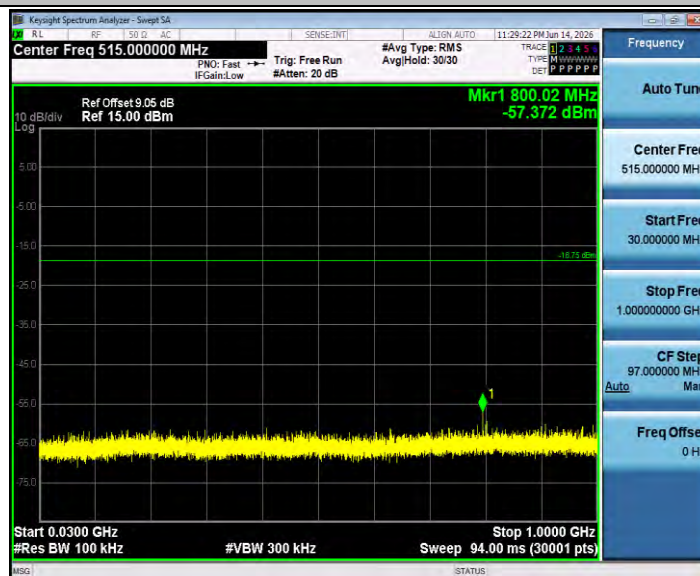




11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



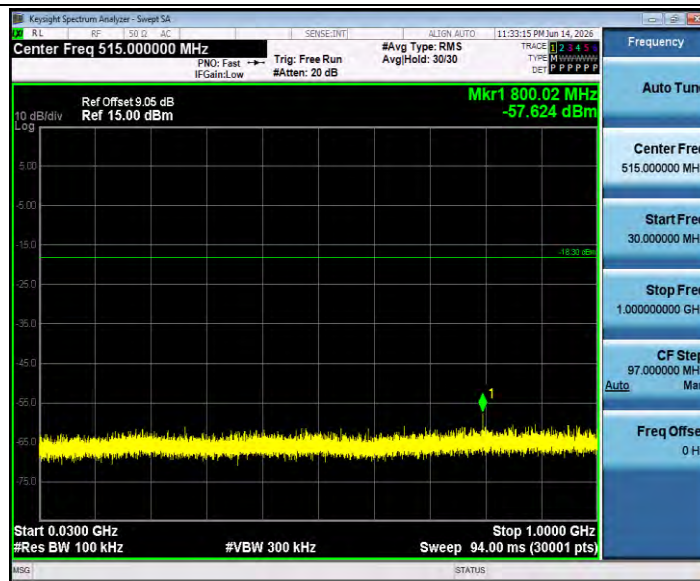
11B_Ant2_2437_1000~26500



11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000

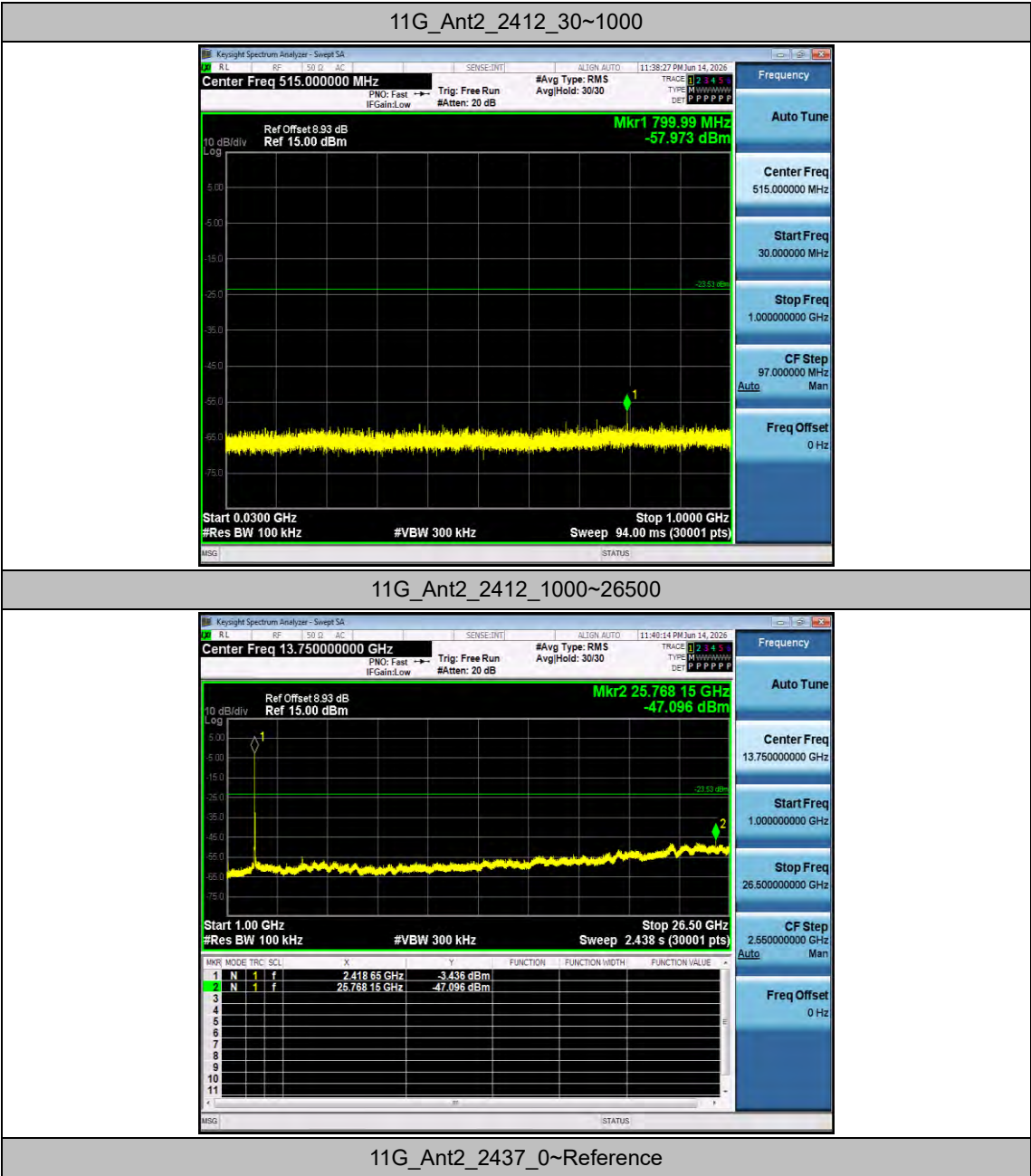


11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference







11G_Ant2_2437_30~1000



11G_Ant2_2437_1000~26500



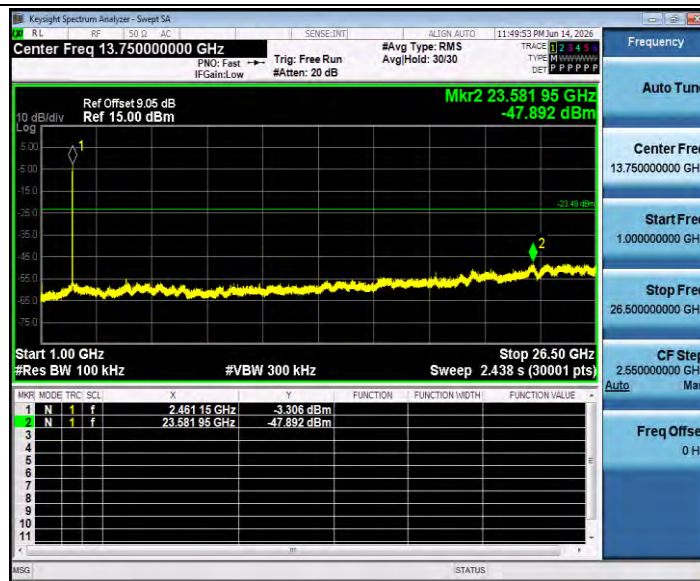
11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



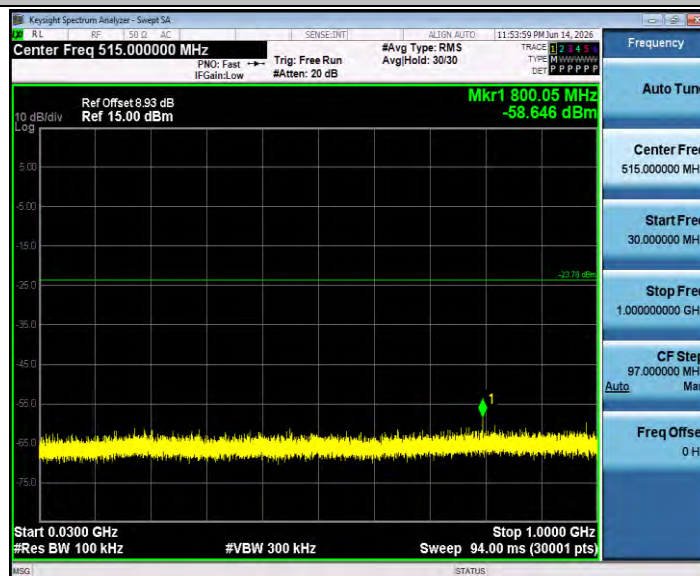
11G_Ant2_2462_1000~26500



11N20SISO_Ant2_2412_0~Reference



11N20SISO_Ant2_2412_30~1000



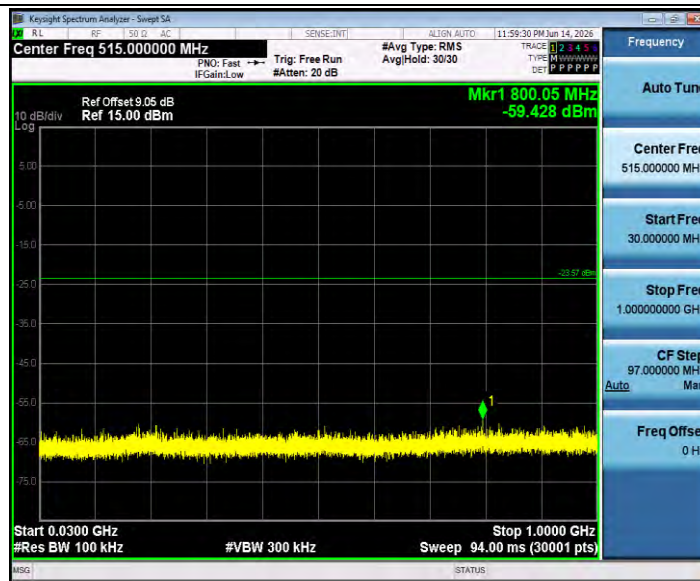
11N20SISO_Ant2_2412_1000~26500



11N20SISO_Ant2_2437_0~Reference



11N20SISO_Ant2_2437_30~1000

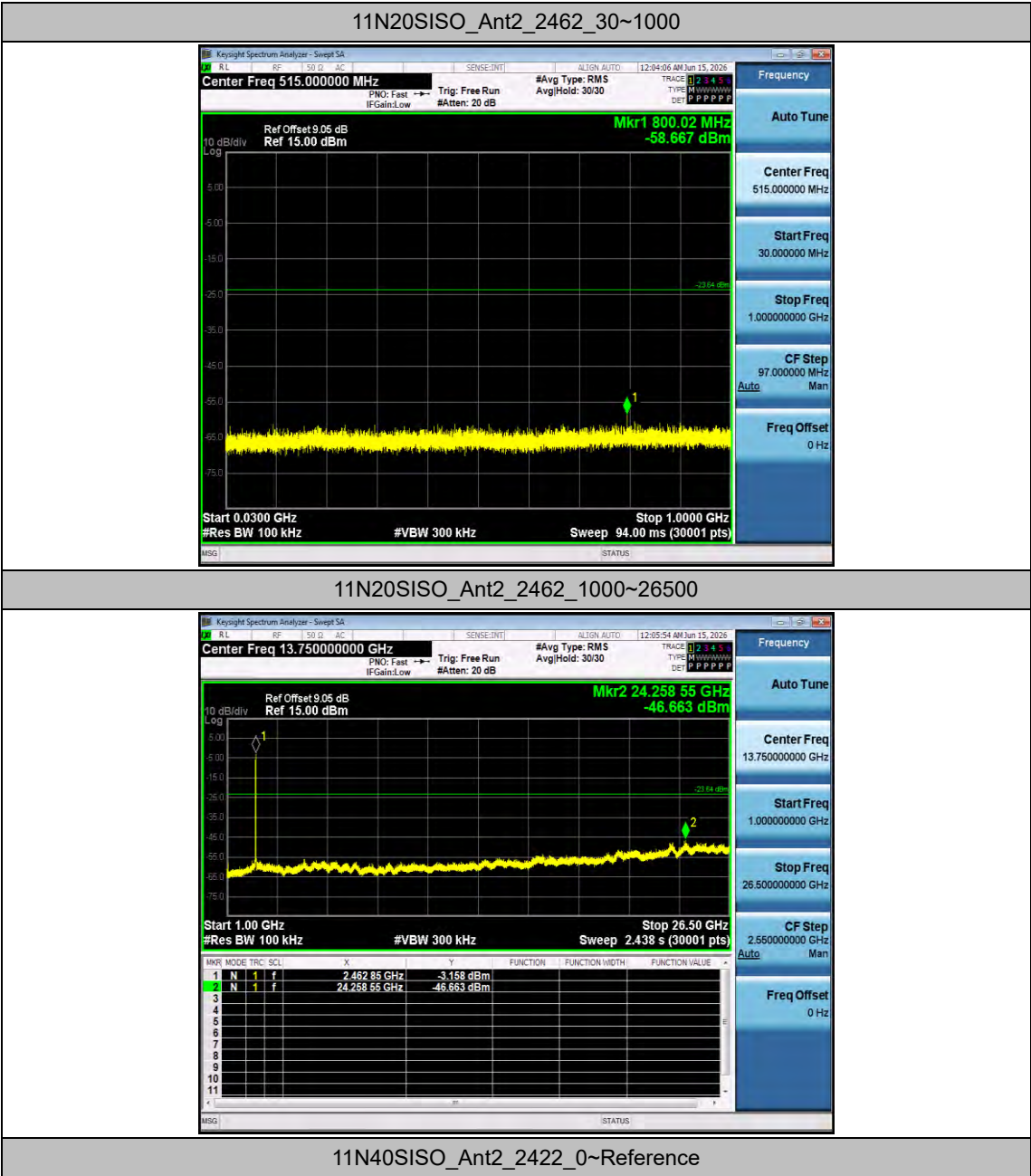


11N20SISO_Ant2_2437_1000~26500



11N20SISO_Ant2_2462_0~Reference



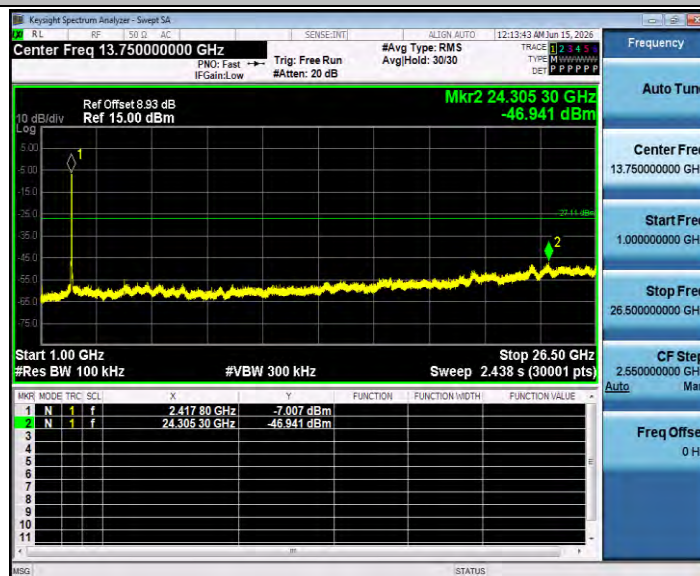




11N40SISO_Ant2_2422_30~1000



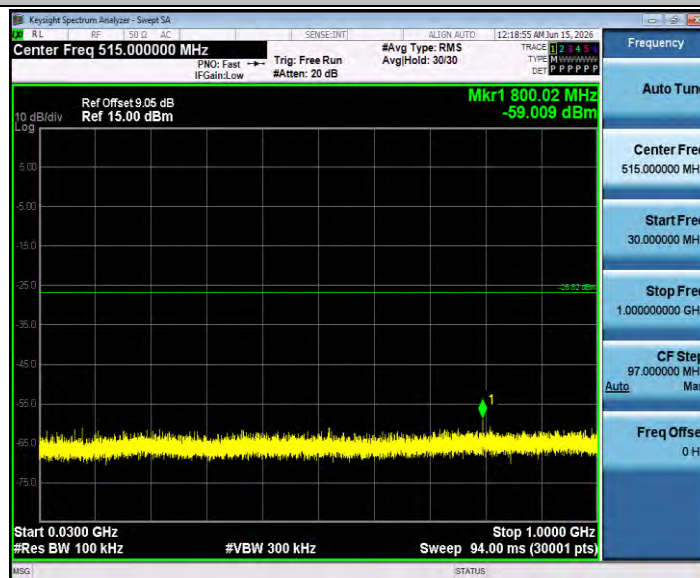
11N40SISO_Ant2_2422_1000~26500



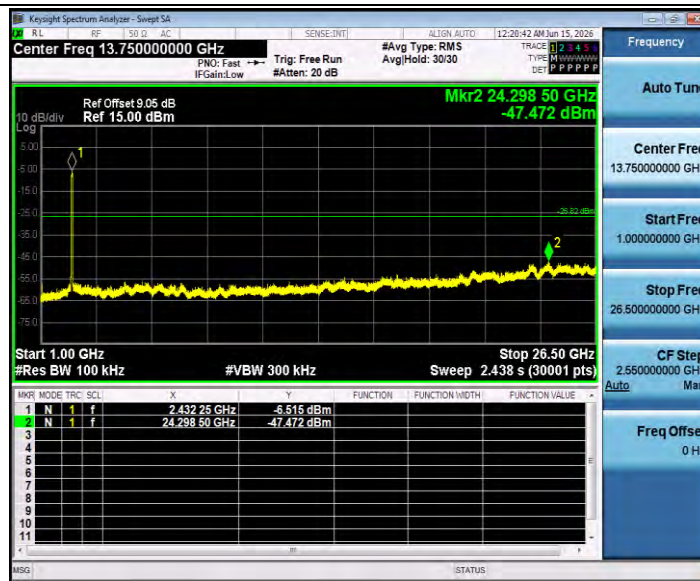
11N40SISO_Ant2_2437_0~Reference



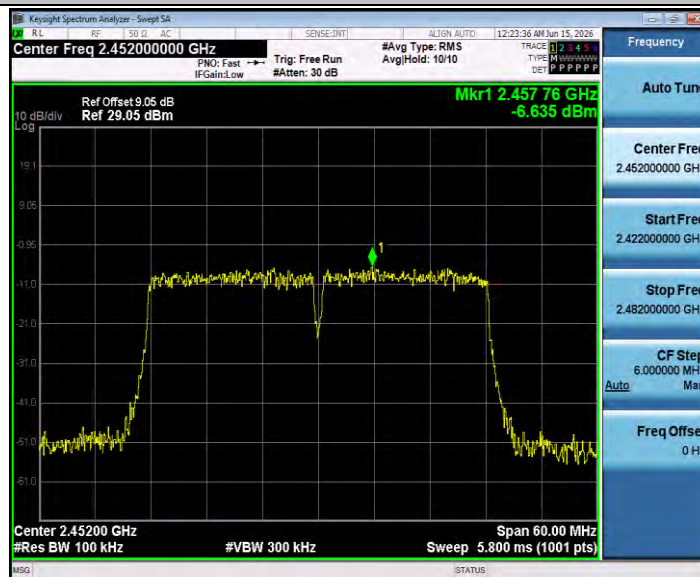
11N40SISO_Ant2_2437_30~1000



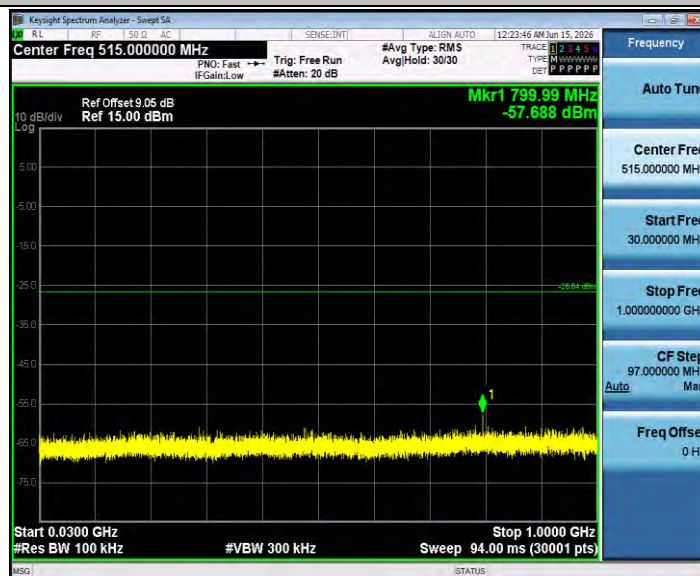
11N40SISO_Ant2_2437_1000~26500

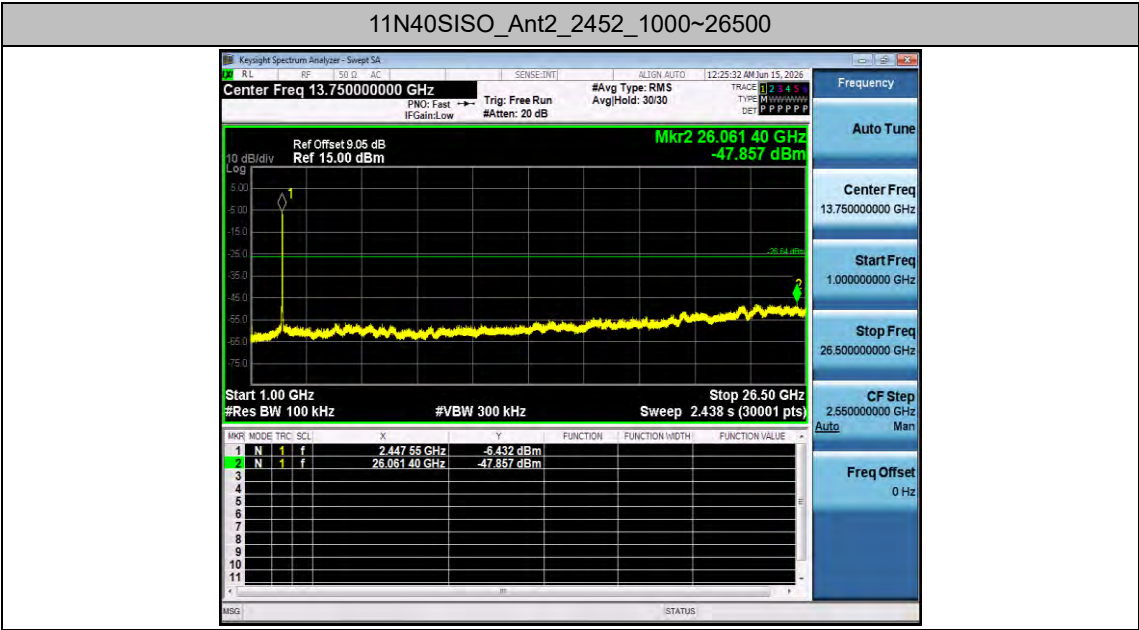


11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000



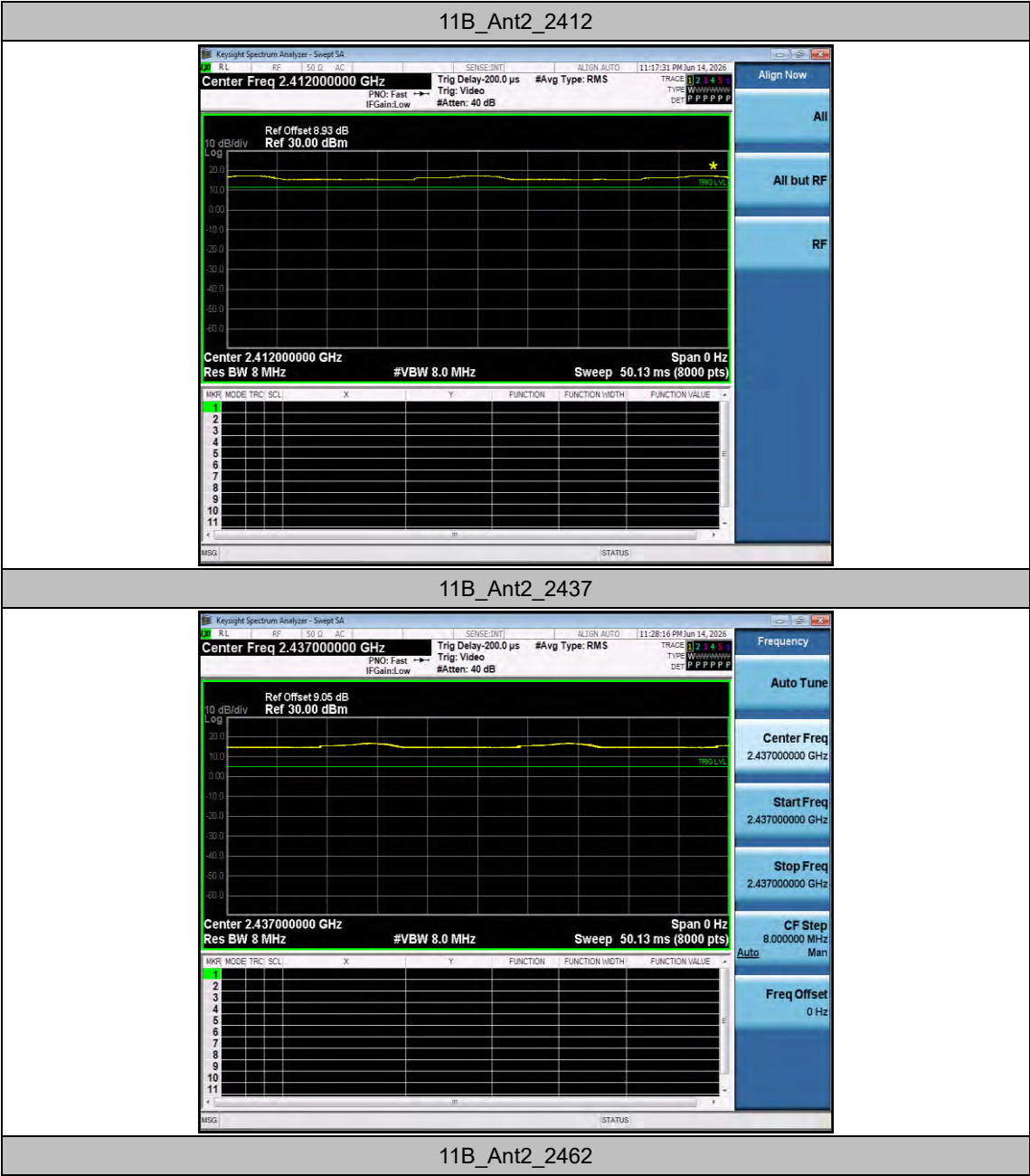


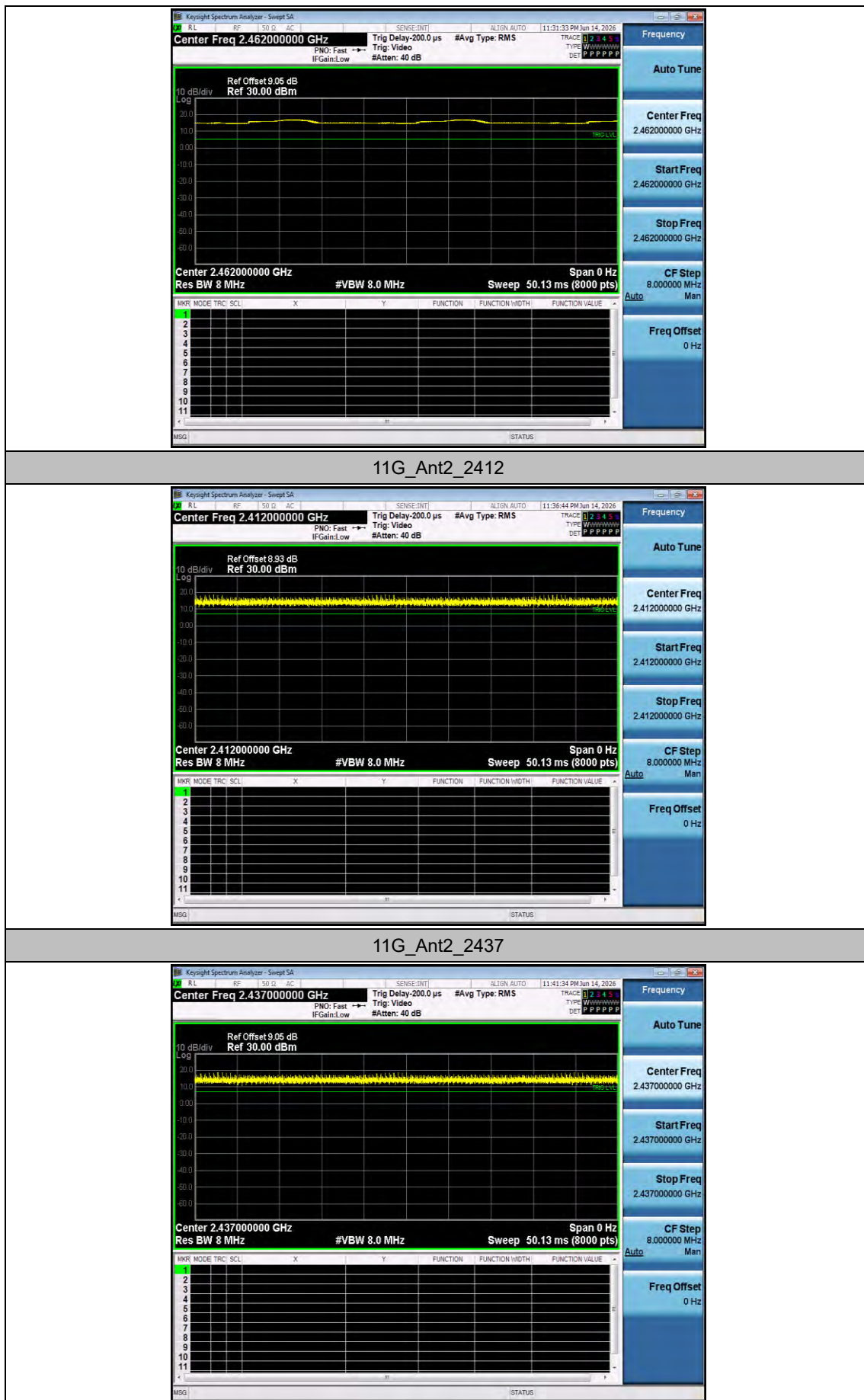
AppendixA.7: Duty Cycle

Test Result

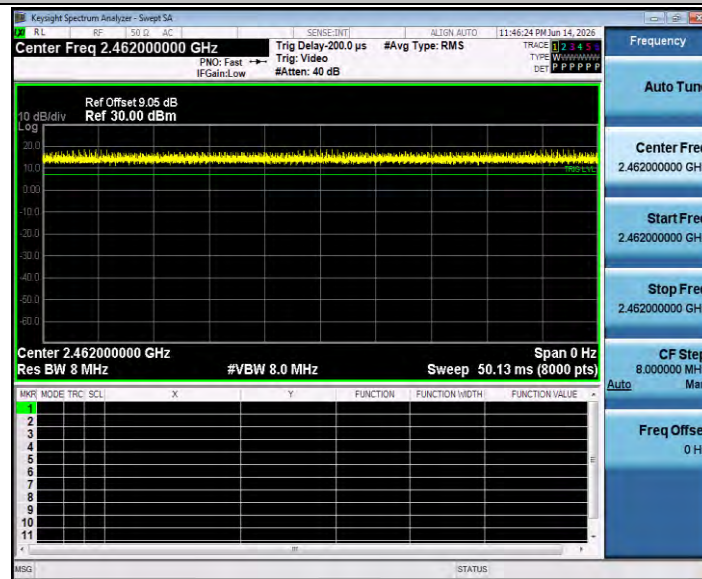
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor [KHz]
11B	Ant2	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant2	2412	50.00	50.00	100.00	0.00	0.02
		2437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

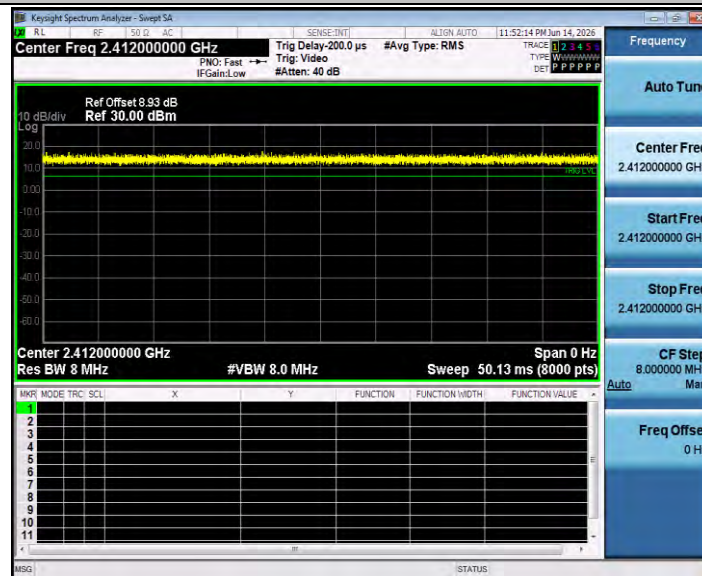




11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437

