

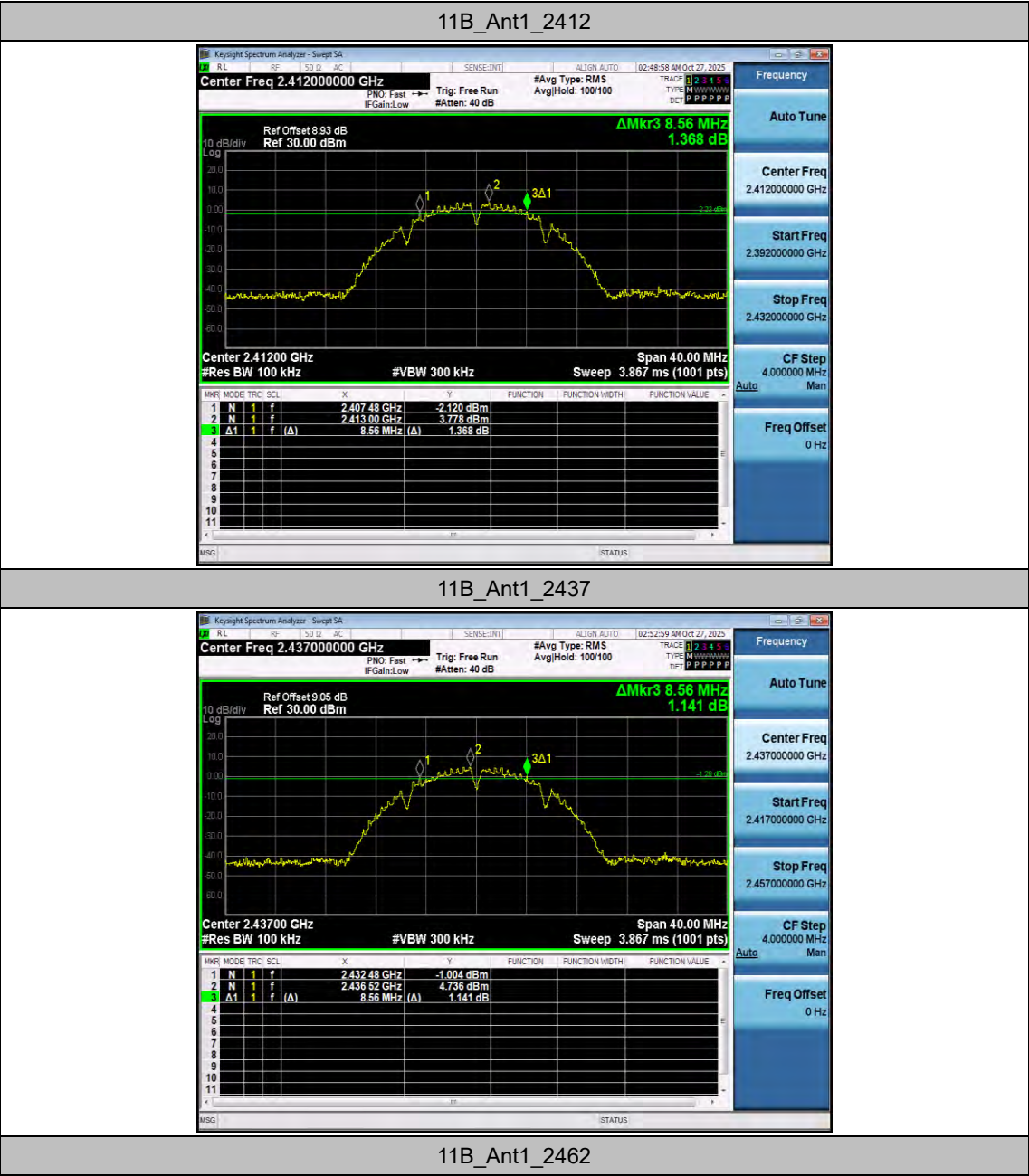
Case No. : <u>GTS20250926009-3-04</u>
Ambient Condition: <u>23</u> °C, <u>48</u> %RH,
Test Date: <u>2025.09.14- 2025.11.12</u> Test Engineer: <u>Evan ouyang</u>

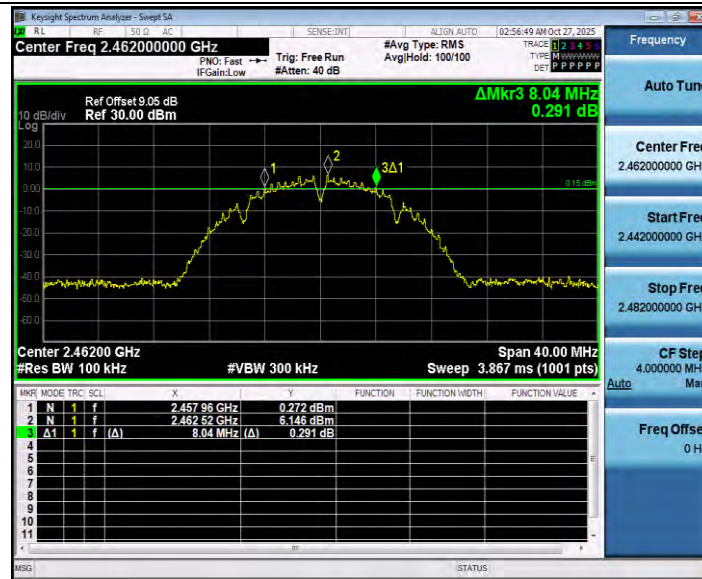
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.560	2407.480	2416.040	0.5	PASS
		2437	8.560	2432.480	2441.040	0.5	PASS
		2462	8.040	2457.960	2466.000	0.5	PASS
11G	Ant1	2412	15.440	2404.480	2419.920	0.5	PASS
		2437	15.080	2429.440	2444.520	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N20SISO	Ant1	2412	15.320	2404.440	2419.760	0.5	PASS
		2437	14.200	2430.520	2444.720	0.5	PASS
		2462	15.080	2454.440	2469.520	0.5	PASS
11N40SISO	Ant1	2422	33.760	2405.760	2439.520	0.5	PASS
		2437	33.840	2420.680	2454.520	0.5	PASS
		2452	33.920	2435.680	2469.600	0.5	PASS

Test Graphs





11G_Ant1_2412



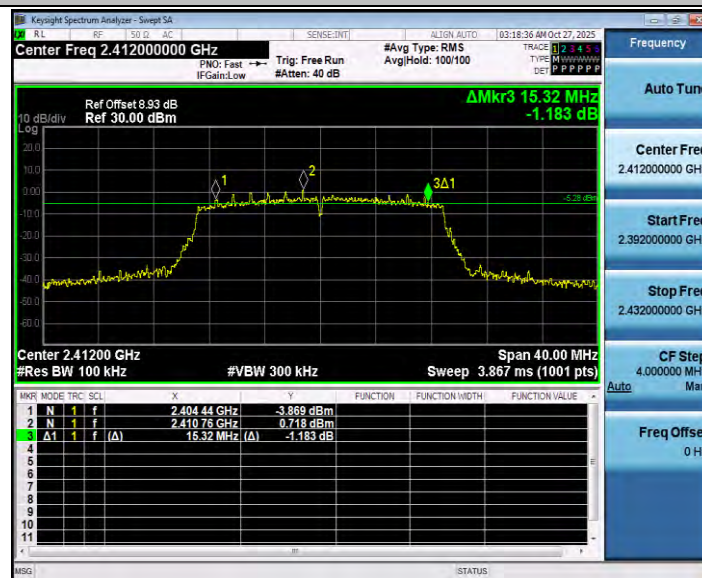
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



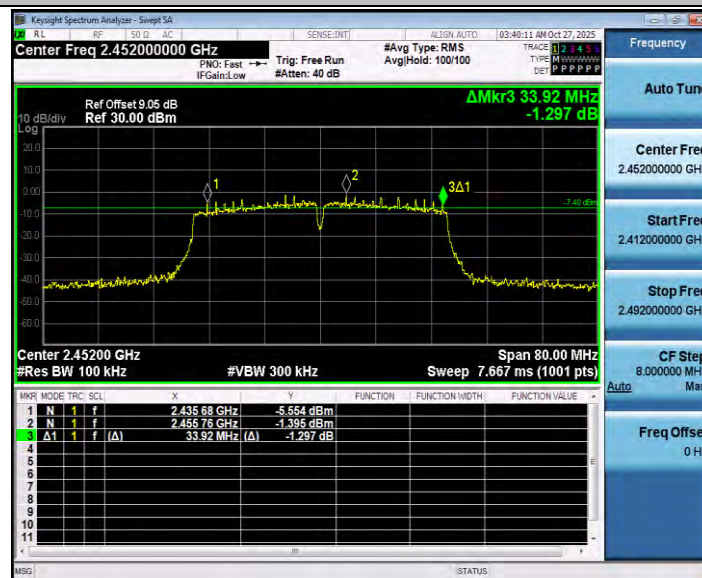
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



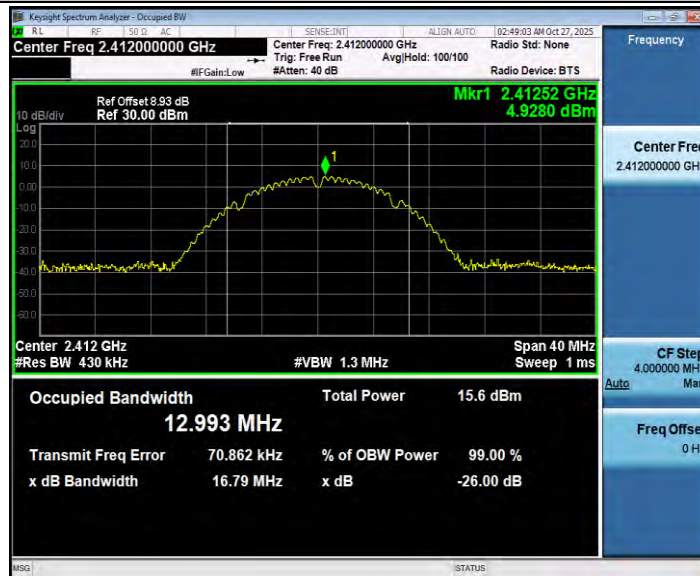
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.993	2405.5744	2418.5674	---	---
		2437	12.891	2430.6111	2443.5021	---	---
		2462	12.868	2455.6053	2468.4733	---	---
11G	Ant1	2412	16.889	2403.6528	2420.5418	---	---
		2437	16.793	2428.6566	2445.4496	---	---
		2462	16.873	2453.5394	2470.4124	---	---
11N20SISO	Ant1	2412	17.844	2403.1194	2420.9634	---	---
		2437	17.816	2428.1638	2445.9798	---	---
		2462	17.866	2453.1245	2470.9905	---	---
11N40SISO	Ant1	2422	36.116	2404.1081	2440.2241	---	---
		2437	36.064	2419.0718	2455.1358	---	---
		2452	36.096	2434.0052	2470.1012	---	---

Test Graphs

11B_Ant1_2412



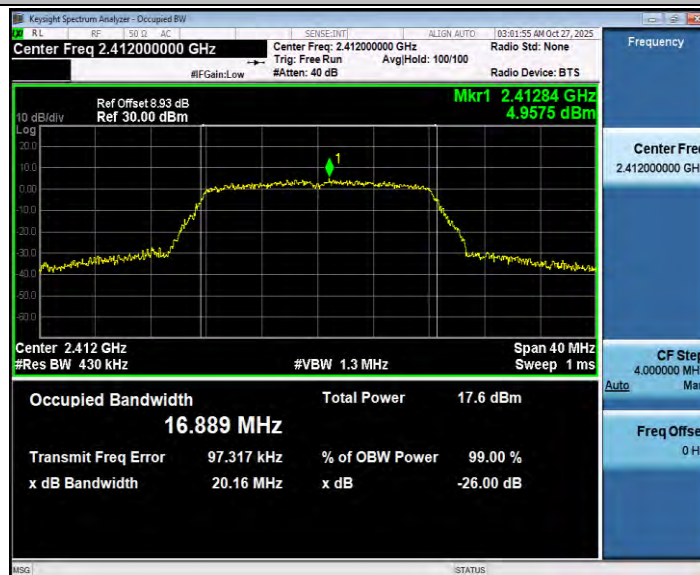
11B_Ant1_2437



11B_Ant1_2462



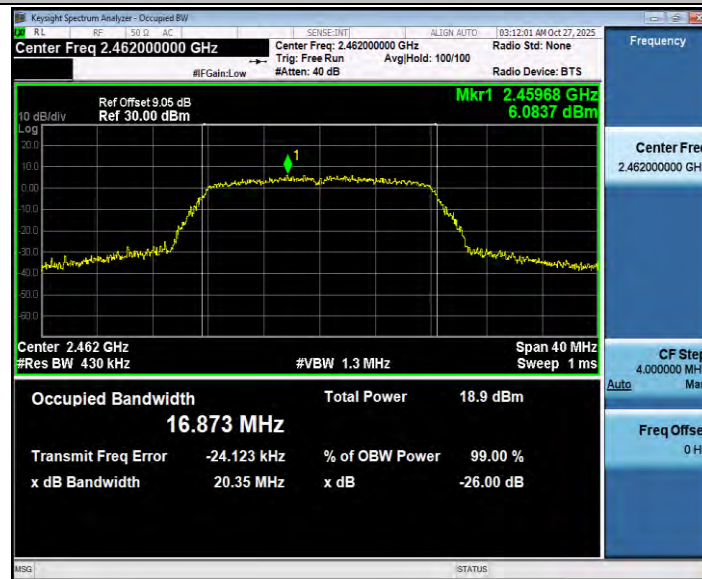
11G_Ant1_2412



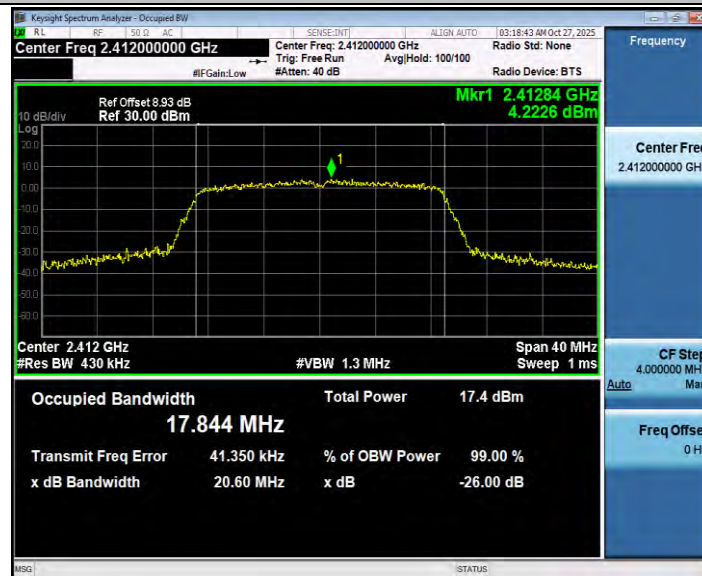
11G_Ant1_2437



11G_Ant1_2462



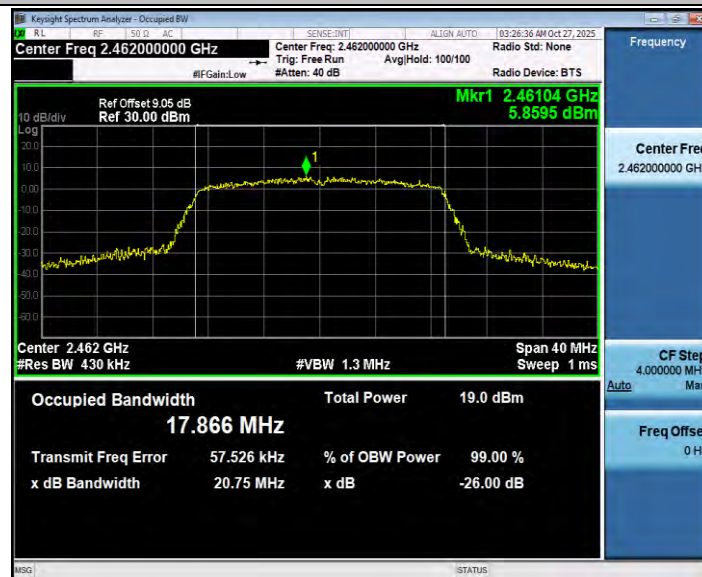
11N20SISO_Ant1_2412



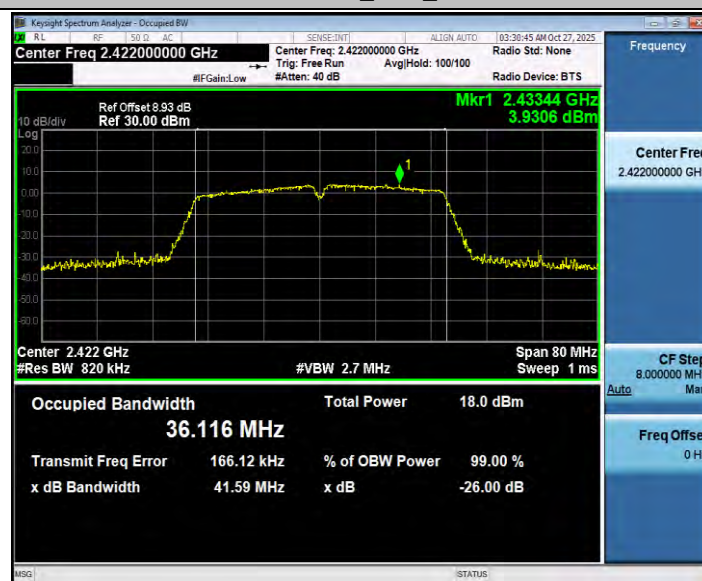
11N20SISO_Ant1_2437



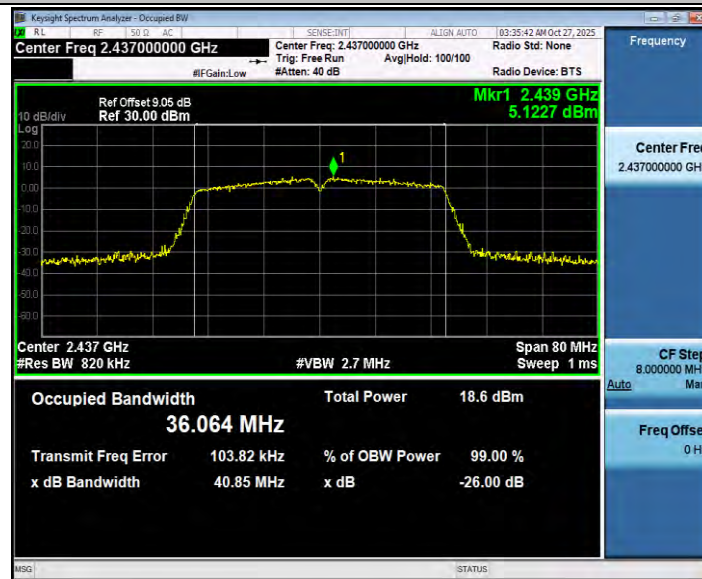
11N20SISO_Ant1_2462



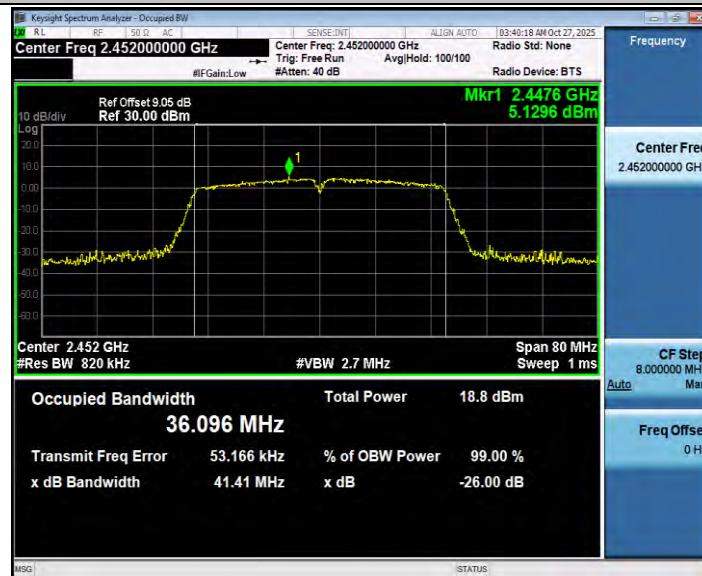
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.68	≤30.00	PASS
		2437	16.73	≤30.00	PASS
		2462	17.19	≤30.00	PASS
11G	Ant1	2412	18.82	≤30.00	PASS
		2437	20.63	≤30.00	PASS
		2462	20.03	≤30.00	PASS
11N20SISO	Ant1	2412	18.79	≤30.00	PASS
		2437	19.83	≤30.00	PASS
		2462	20.10	≤30.00	PASS
11N40SISO	Ant1	2422	18.45	≤30.00	PASS
		2437	18.93	≤30.00	PASS
		2452	19.12	≤30.00	PASS

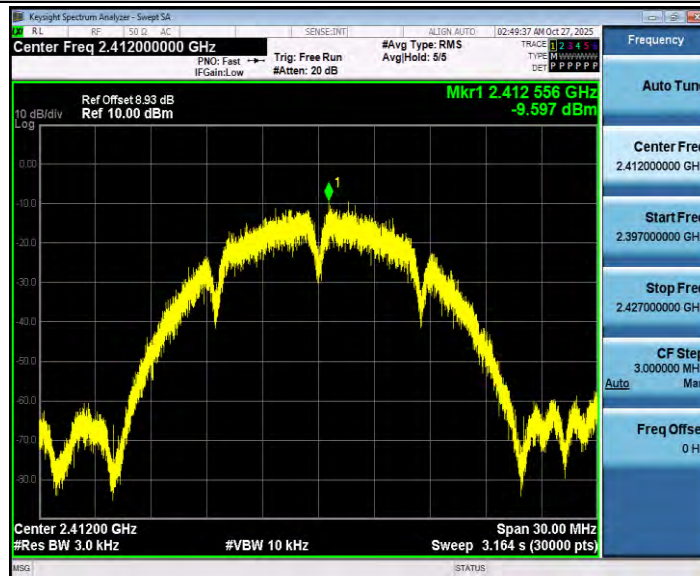
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.60	≤8.00	PASS
		2437	-8.26	≤8.00	PASS
		2462	-8.61	≤8.00	PASS
11G	Ant1	2412	-13.08	≤8.00	PASS
		2437	-11.60	≤8.00	PASS
		2462	-11.90	≤8.00	PASS
11N20SISO	Ant1	2412	-12.26	≤8.00	PASS
		2437	-12.02	≤8.00	PASS
		2462	-12.43	≤8.00	PASS
11N40SISO	Ant1	2422	-16.65	≤8.00	PASS
		2437	-15.45	≤8.00	PASS
		2452	-15.40	≤8.00	PASS

Test Graphs

11B_Ant1_2412



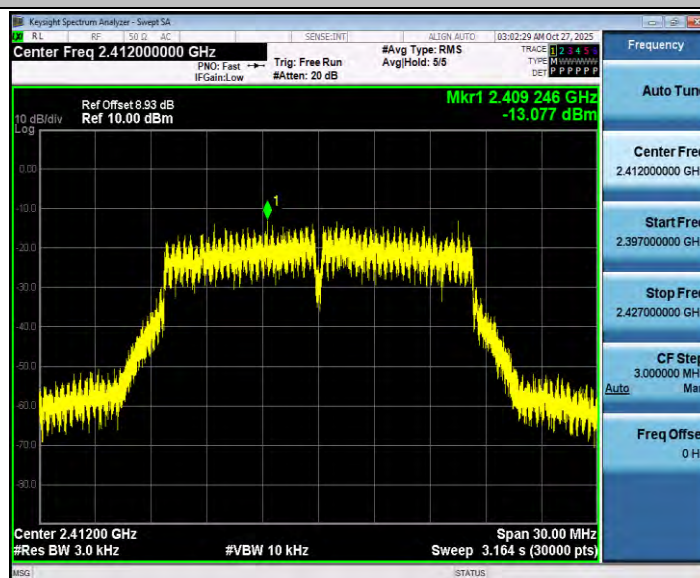
11B_Ant1_2437



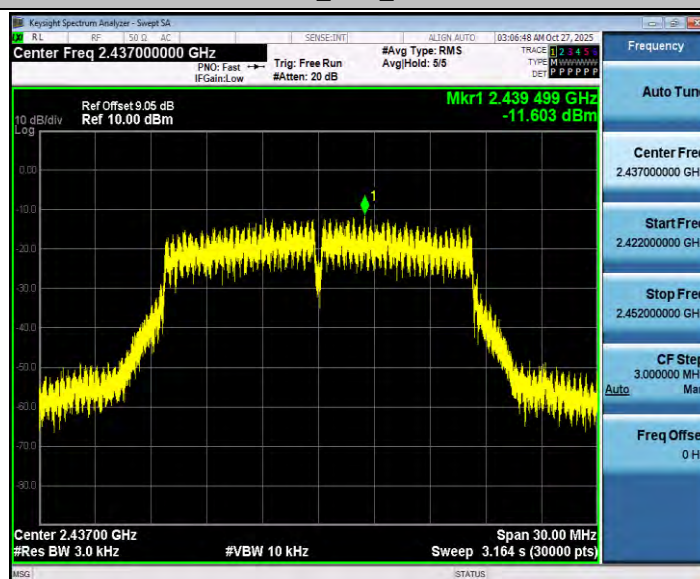
11B_Ant1_2462



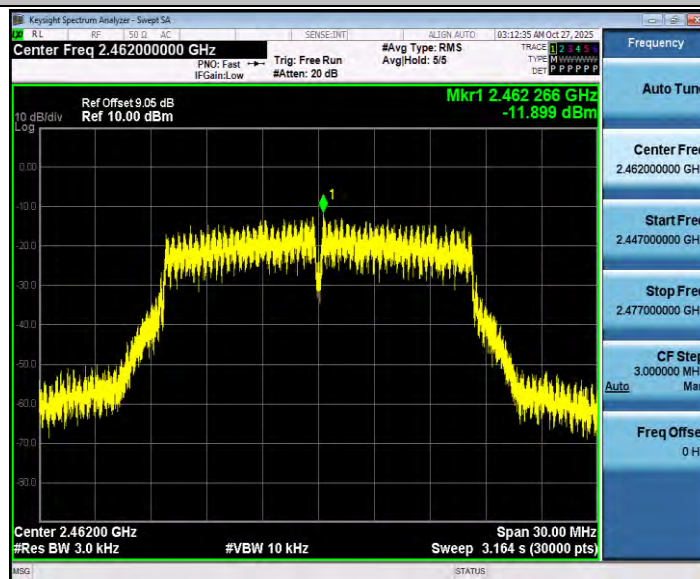
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



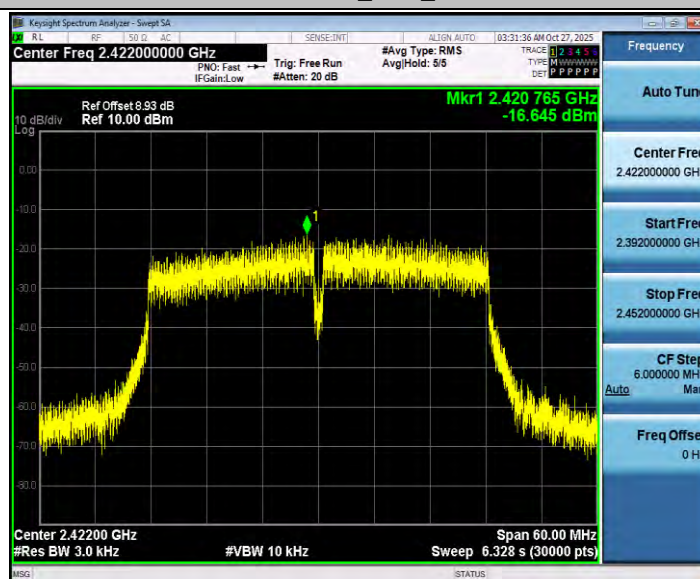
11N20SISO_Ant1_2437



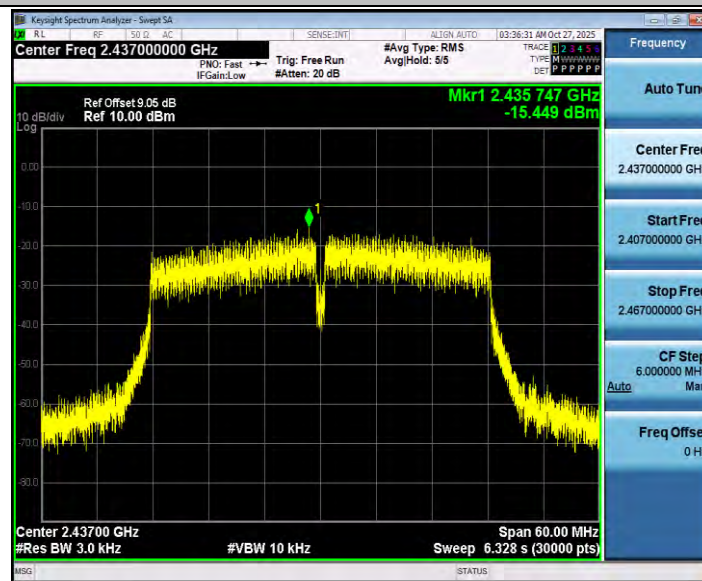
11N20SISO_Ant1_2462



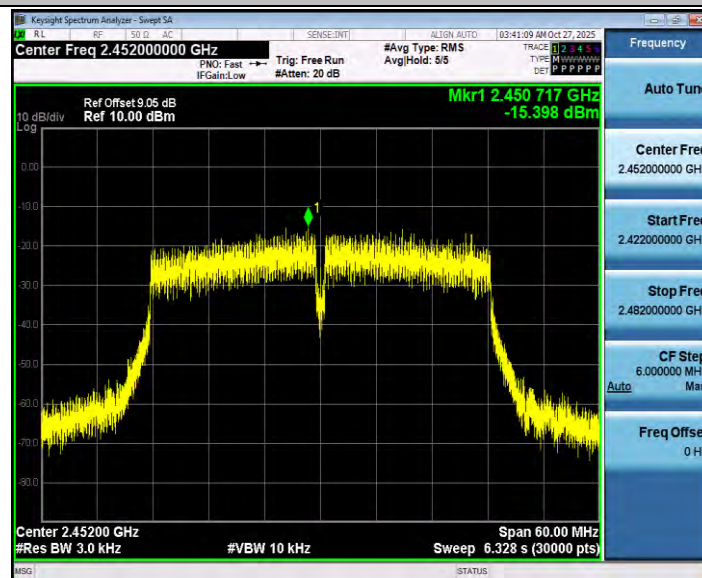
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

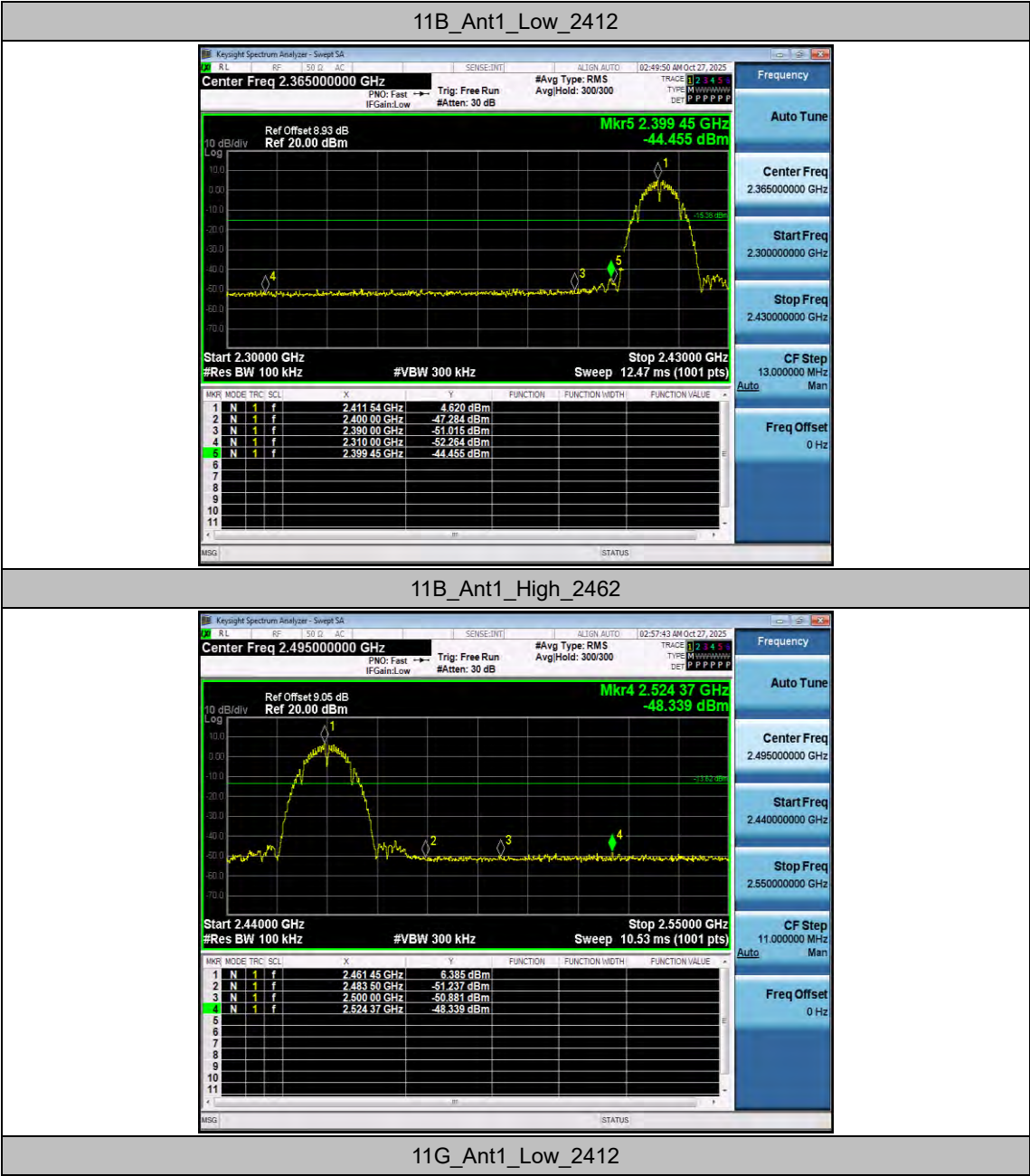


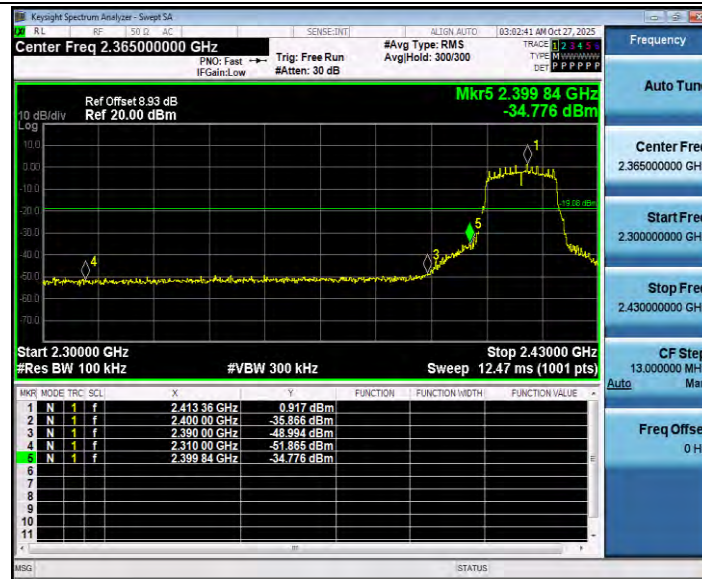
Appendix C.5:Band edge measurements

Test Result

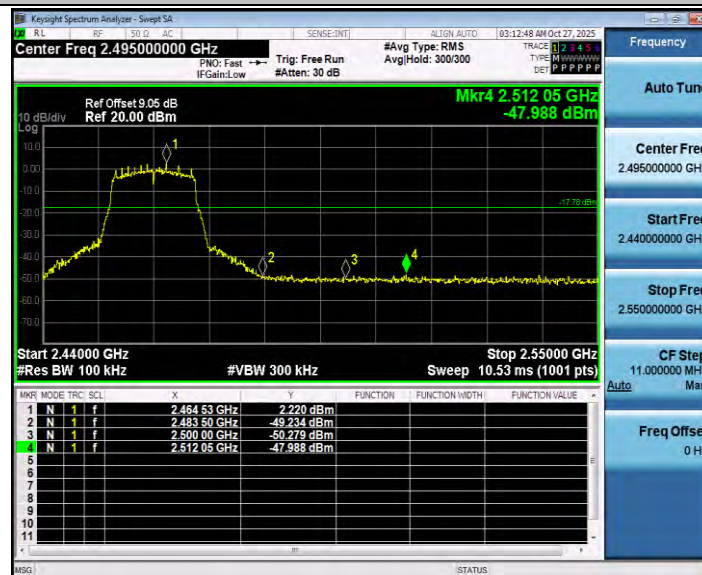
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.62	-44.46	≤ -15.38	PASS
		High	2462	6.39	-48.34	≤ -13.62	PASS
11G	Ant1	Low	2412	0.92	-34.78	≤ -19.08	PASS
		High	2462	2.22	-47.99	≤ -17.78	PASS
11N20SISO	Ant1	Low	2412	1.53	-35.13	≤ -18.47	PASS
		High	2462	2.88	-46.89	≤ -17.12	PASS
11N40SISO	Ant1	Low	2422	-1.75	-39.58	≤ -21.75	PASS
		High	2452	-1.25	-43.15	≤ -21.25	PASS

Test Graphs

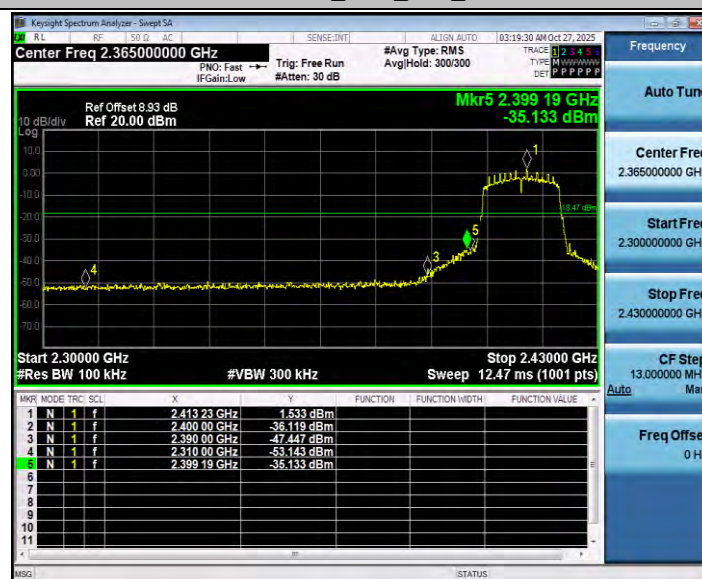




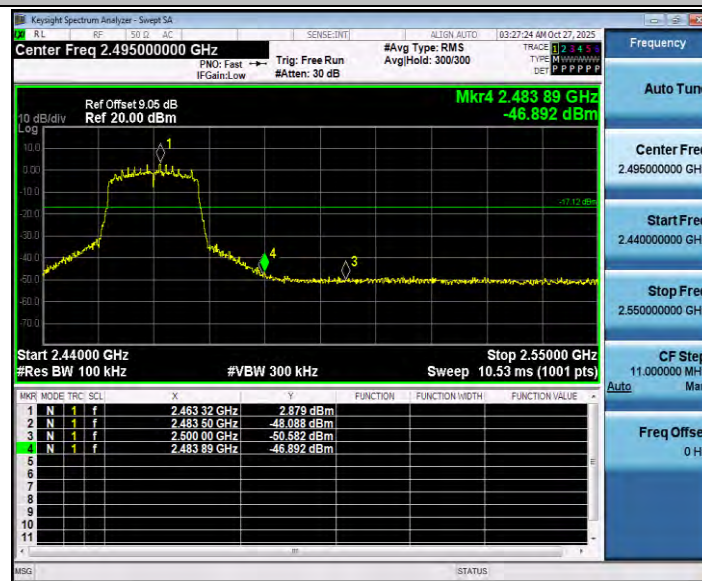
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



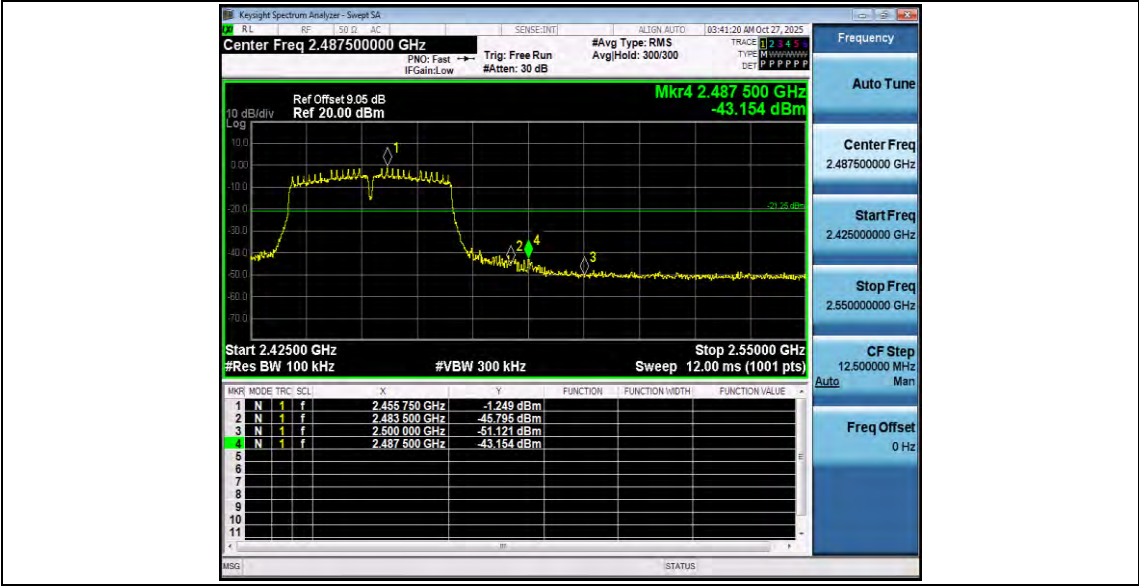
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

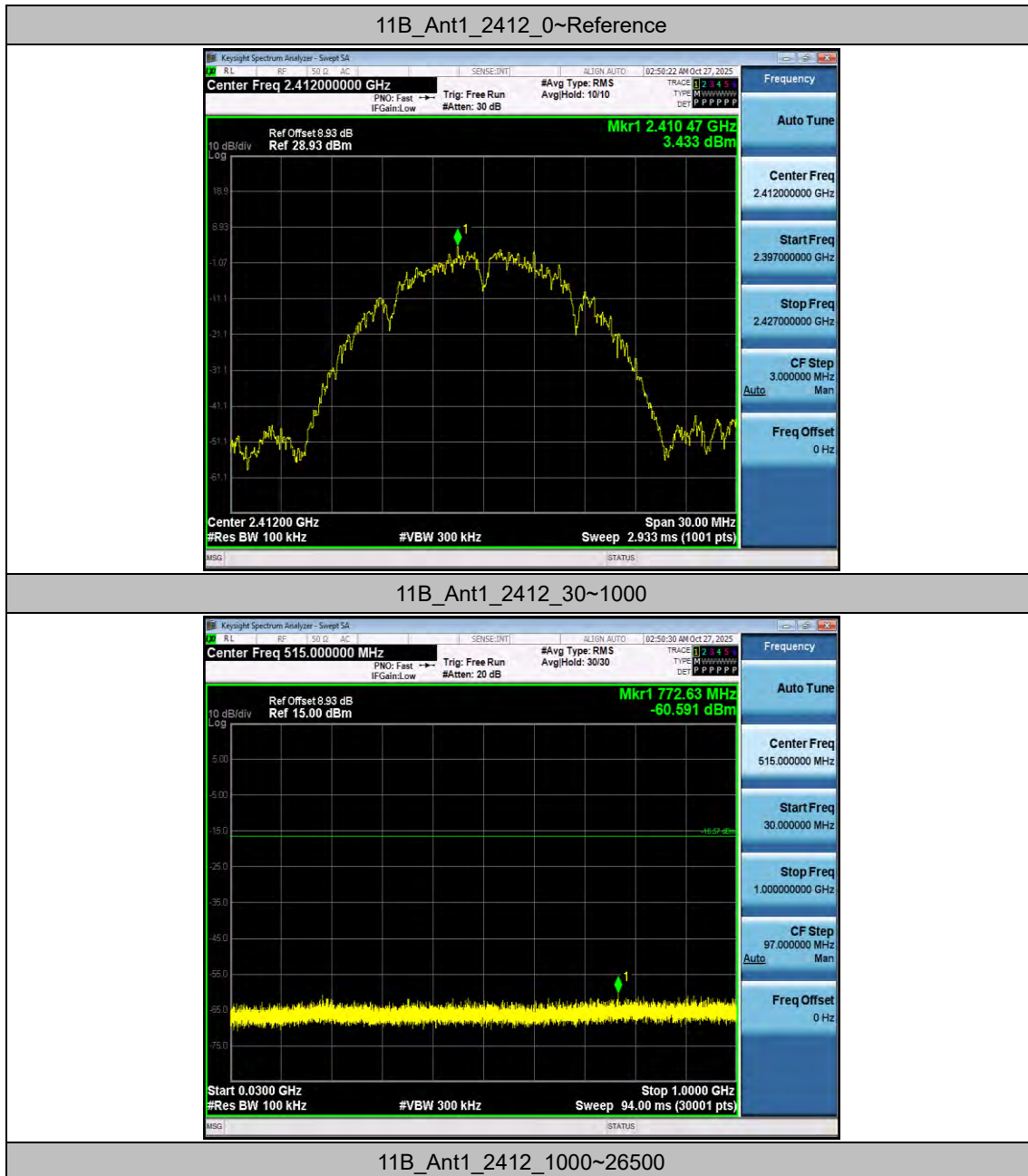


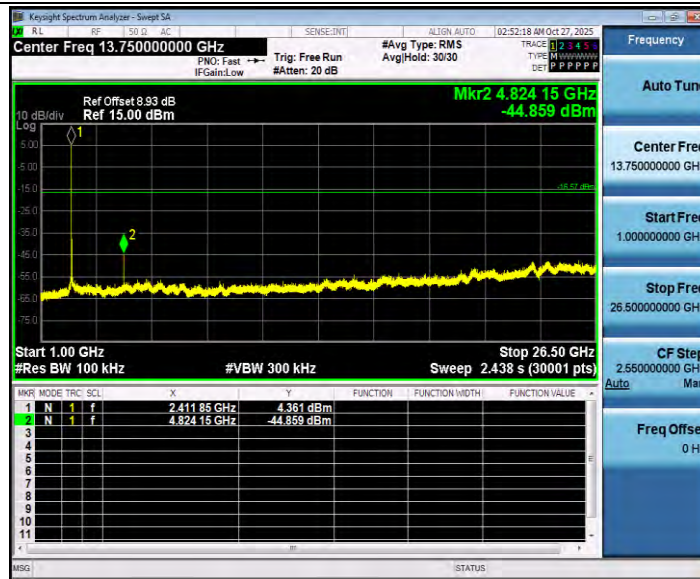
Appendix C.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.43	3.43	---	PASS
			30~1000	3.43	-60.59	≤ -16.57	PASS
			1000~26500	3.43	-44.86	≤ -16.57	PASS
		2437	Reference	4.18	4.18	---	PASS
			30~1000	4.18	-60.67	≤ -15.82	PASS
			1000~26500	4.18	-45.38	≤ -15.82	PASS
		2462	Reference	3.46	3.46	---	PASS
			30~1000	3.46	-60.71	≤ -16.54	PASS
			1000~26500	3.46	-46.66	≤ -16.54	PASS
11G	Ant1	2412	Reference	0.20	0.20	---	PASS
			30~1000	0.20	-60.98	≤ -19.8	PASS
			1000~26500	0.20	-47.41	≤ -19.8	PASS
		2437	Reference	-0.56	-0.56	---	PASS
			30~1000	-0.56	-60.29	≤ -20.56	PASS
			1000~26500	-0.56	-47.02	≤ -20.56	PASS
		2462	Reference	0.82	0.82	---	PASS
			30~1000	0.82	-60.84	≤ -19.18	PASS
			1000~26500	0.82	-47.95	≤ -19.18	PASS
11N20SISO	Ant1	2412	Reference	-1.23	-1.23	---	PASS
			30~1000	-1.23	-60.45	≤ -21.23	PASS
			1000~26500	-1.23	-47.85	≤ -21.23	PASS
		2437	Reference	-0.10	-0.10	---	PASS
			30~1000	-0.10	-60.87	≤ -20.1	PASS
			1000~26500	-0.10	-47.55	≤ -20.1	PASS
		2462	Reference	0.26	0.26	---	PASS
			30~1000	0.26	-60.67	≤ -19.74	PASS
			1000~26500	0.26	-47.66	≤ -19.74	PASS
11N40SISO	Ant1	2422	Reference	-2.86	-2.86	---	PASS
			30~1000	-2.86	-60.37	≤ -22.86	PASS
			1000~26500	-2.86	-40.11	≤ -22.86	PASS
		2437	Reference	-3.13	-3.13	---	PASS
			30~1000	-3.13	-60.85	≤ -23.13	PASS
			1000~26500	-3.13	-47.48	≤ -23.13	PASS
		2452	Reference	-1.80	-1.80	---	PASS
			30~1000	-1.80	-61.04	≤ -21.8	PASS
			1000~26500	-1.80	-48.02	≤ -21.8	PASS

Test Graphs

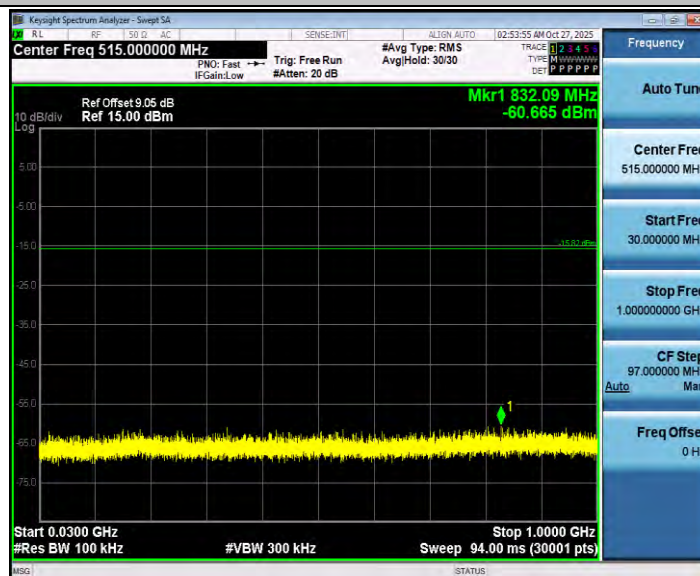




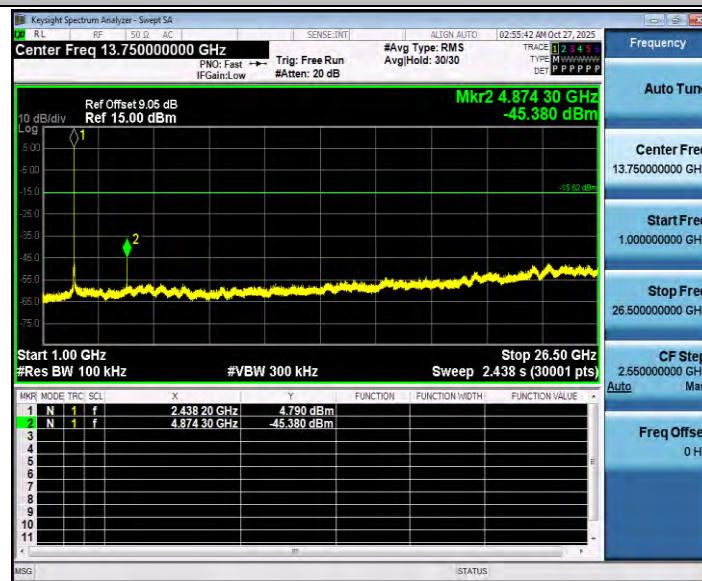
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



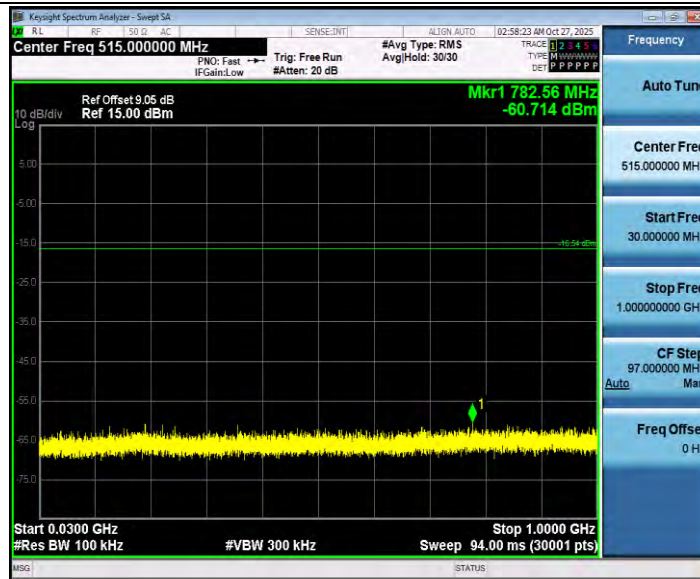
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



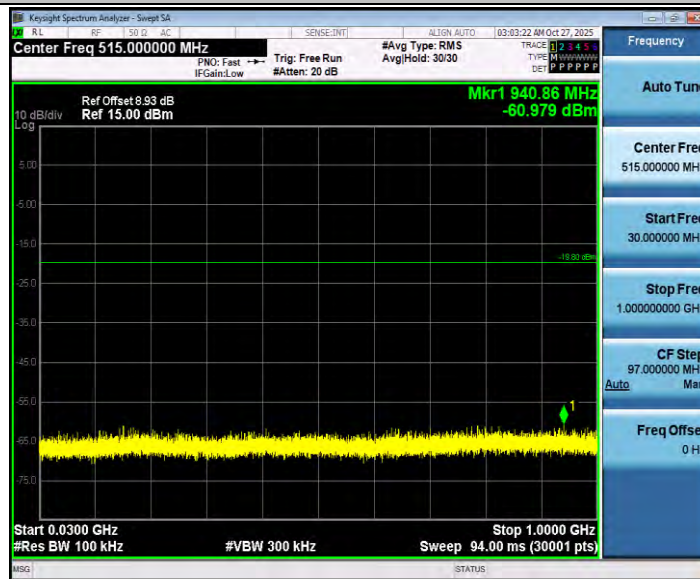
11B_Ant1_2462_1000~26500



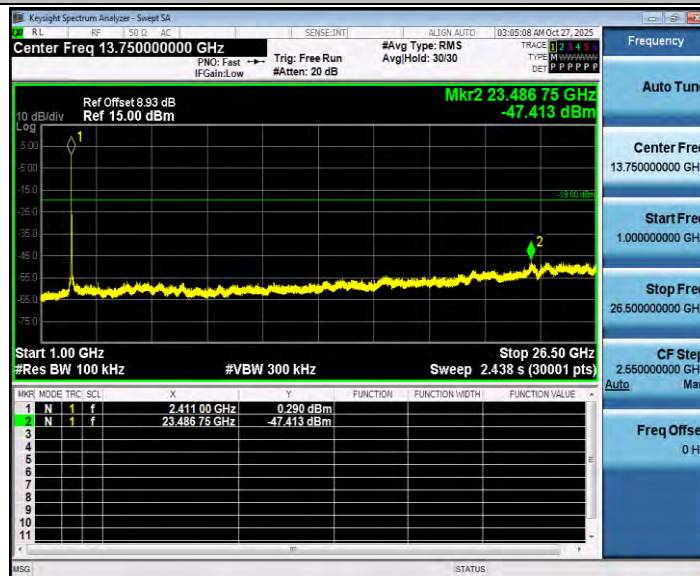
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



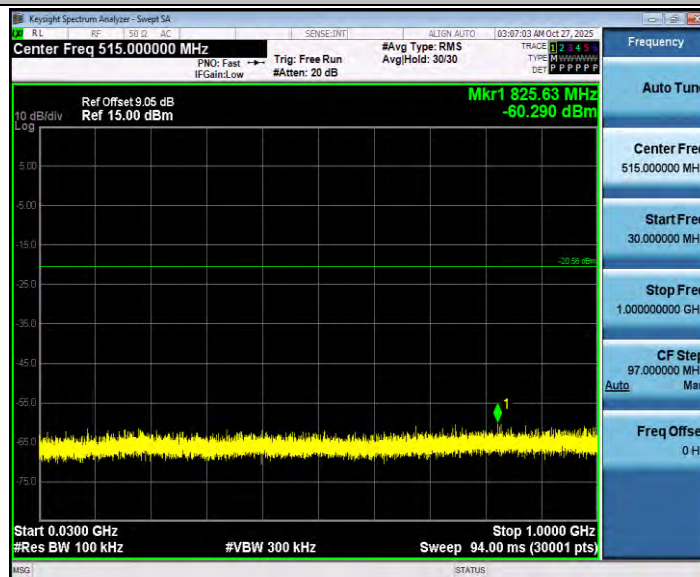
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



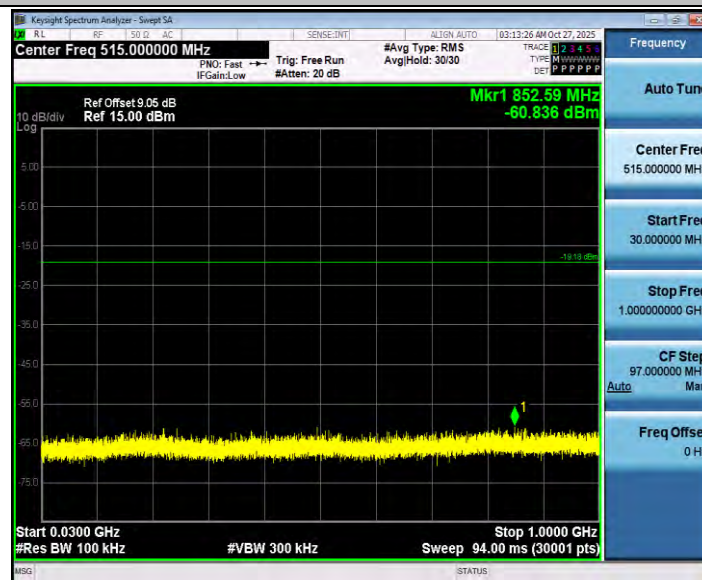
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



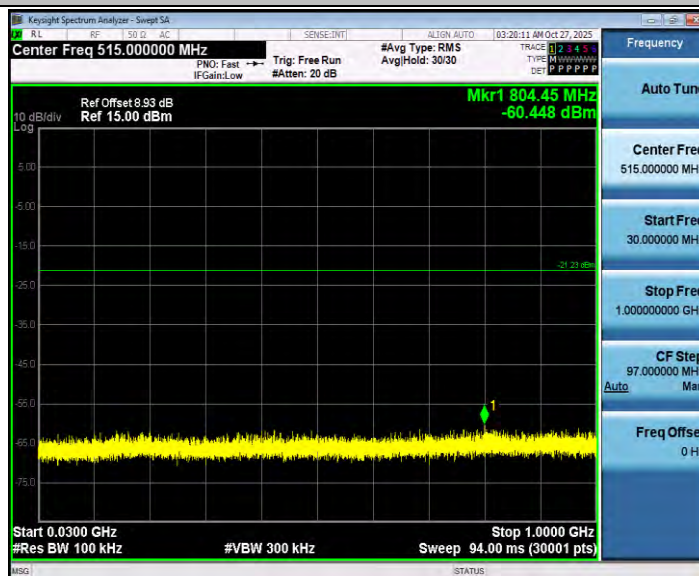
11G_Ant1_2462_1000~26500



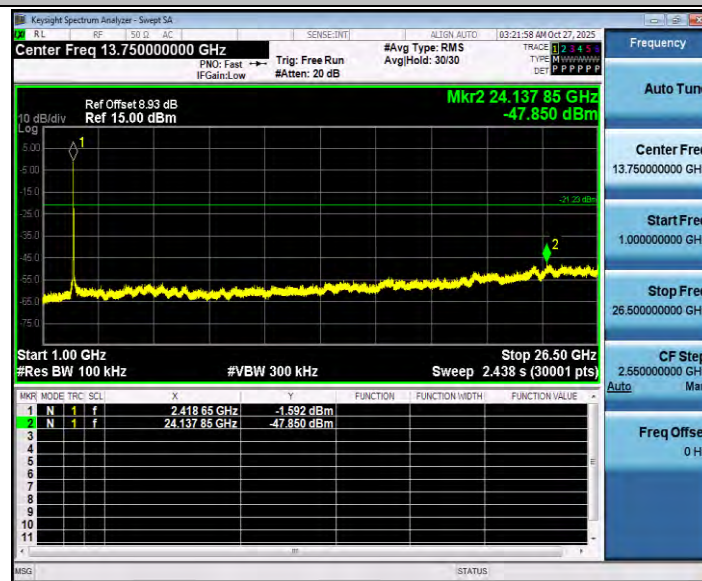
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



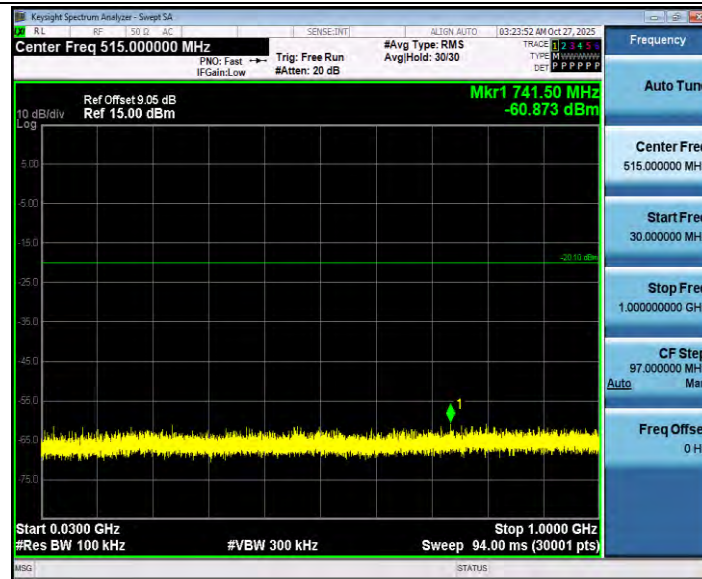
11N20SISO_Ant1_2412_1000~26500



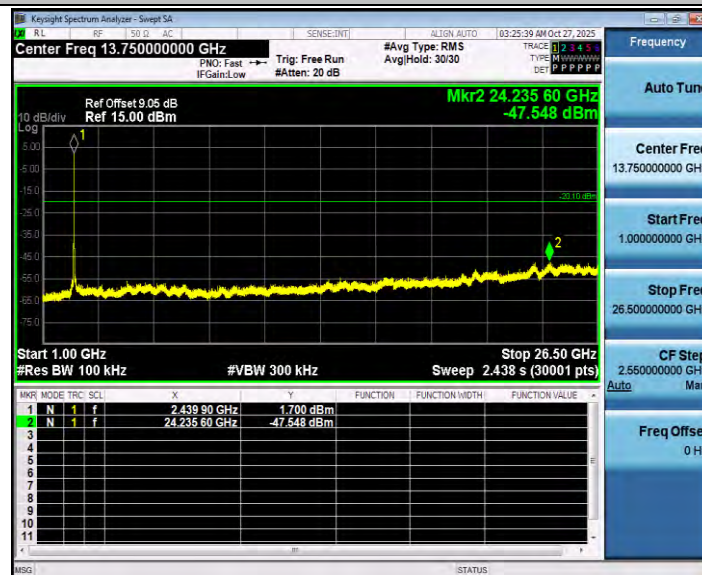
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



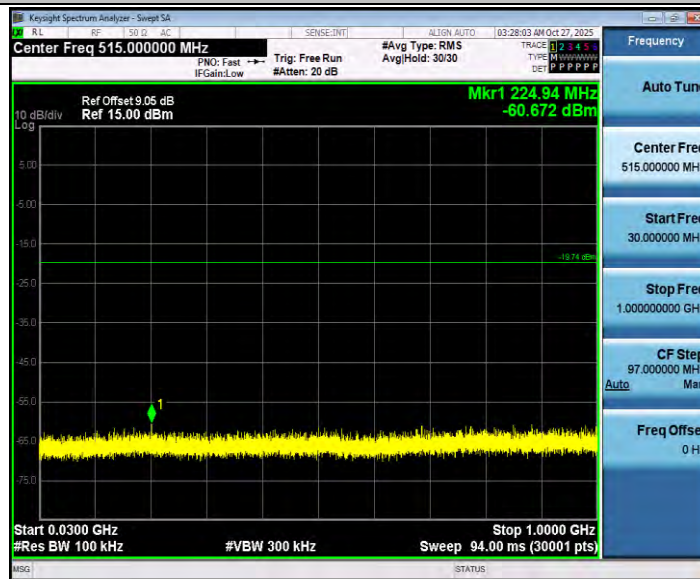
11N20SISO_Ant1_2437_1000~26500



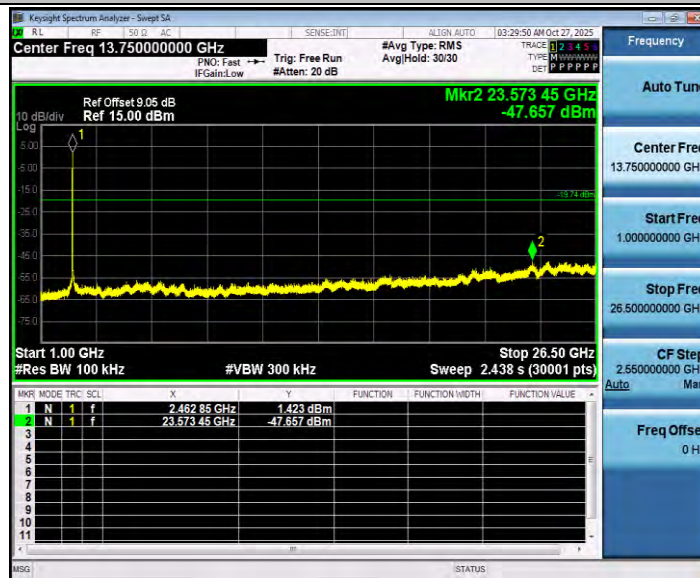
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



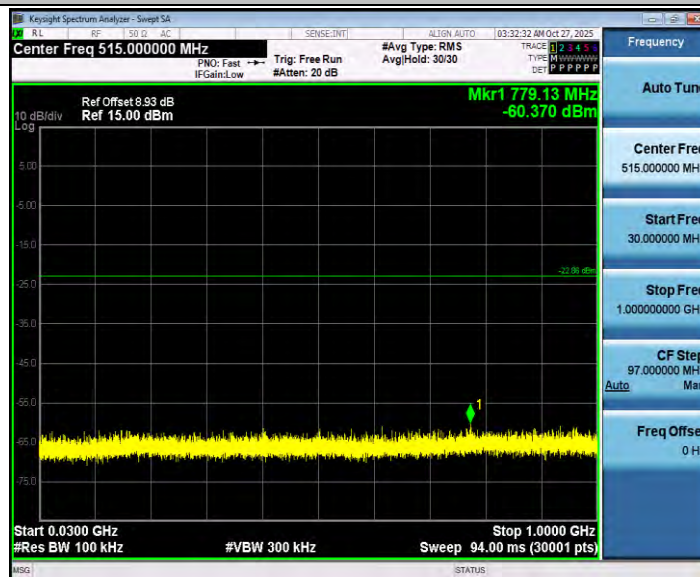
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



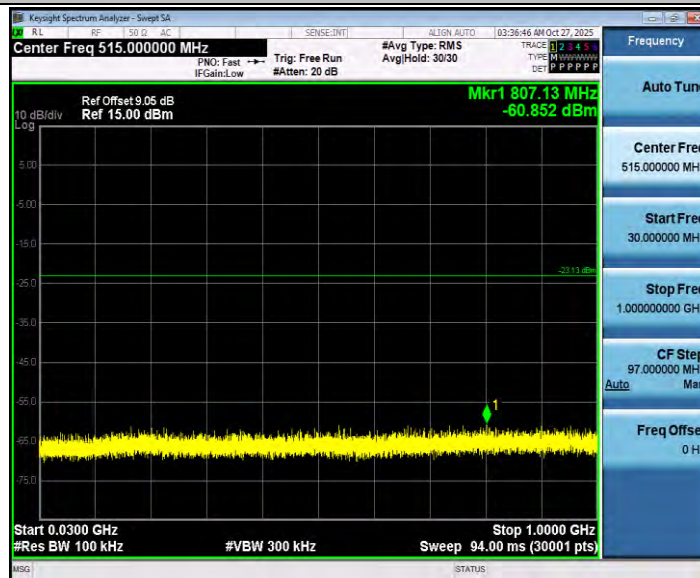
11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



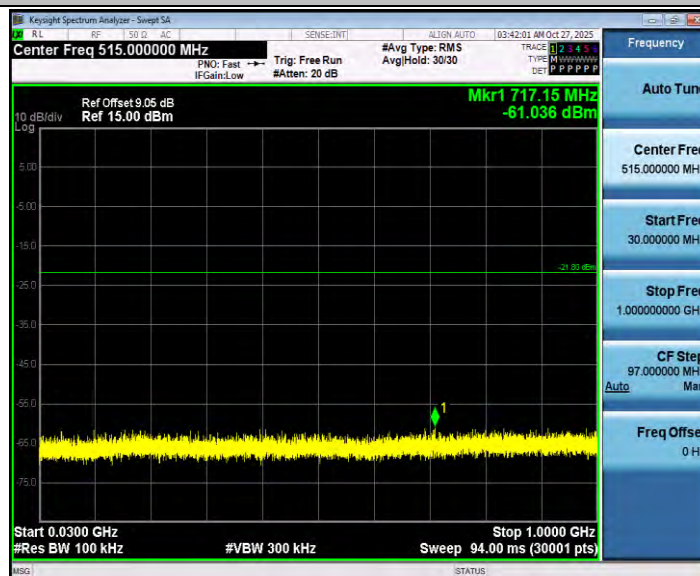
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000





Appendix C.7:Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Frequenc y[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49.44	≤-41.20	45.76	≤54	PASS
				AV	2385.930	-48.35	≤-41.20	46.85	≤54	PASS
				AV	2390.000	-48.78	≤-41.20	46.42	≤54	PASS
				Peak	2310.000	-44.72	≤-21.20	50.48	≤74	PASS
				Peak	2335.490	-40.58	≤-21.20	54.62	≤74	PASS
				Peak	2390.000	-47.07	≤-21.20	48.13	≤74	PASS
		High	2462	AV	2483.500	-48.41	≤-41.20	46.79	≤54	PASS
				AV	2497.860	-48.14	≤-41.20	47.06	≤54	PASS
				AV	2500.000	-48.28	≤-41.20	46.92	≤54	PASS
				Peak	2483.500	-46.13	≤-21.20	49.07	≤74	PASS
				Peak	2491.920	-39.97	≤-21.20	55.23	≤74	PASS
				Peak	2500.000	-44.94	≤-21.20	50.26	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.29	≤-41.20	45.91	≤54	PASS
				AV	2389.960	-46.17	≤-41.20	49.03	≤54	PASS
				AV	2390.000	-46.17	≤-41.20	49.03	≤54	PASS
				Peak	2310.000	-46.48	≤-21.20	48.72	≤74	PASS
				Peak	2364.090	-39.43	≤-21.20	55.77	≤74	PASS
				Peak	2390.000	-41	≤-21.20	54.20	≤74	PASS
		High	2462	AV	2483.500	-45.59	≤-41.20	49.61	≤54	PASS
				AV	2483.560	-45.63	≤-41.20	49.57	≤54	PASS
				AV	2500.000	-47.33	≤-41.20	47.87	≤54	PASS
				Peak	2483.500	-44.58	≤-21.20	50.62	≤74	PASS
				Peak	2493.680	-37.65	≤-21.20	57.55	≤74	PASS
				Peak	2500.000	-43.38	≤-21.20	51.82	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-49.34	≤-41.20	45.86	≤54	PASS
				AV	2389.960	-44.73	≤-41.20	50.47	≤54	PASS
				AV	2390.000	-44.73	≤-41.20	50.47	≤54	PASS
				Peak	2310.000	-47.38	≤-21.20	47.82	≤74	PASS
				Peak	2388.530	-38.97	≤-21.20	56.23	≤74	PASS
				Peak	2390.000	-45.62	≤-21.20	49.58	≤74	PASS
		High	2462	AV	2483.500	-44.67	≤-41.20	50.53	≤54	PASS
				AV	2483.560	-44.76	≤-41.20	50.44	≤54	PASS
				AV	2500.000	-47.37	≤-41.20	47.83	≤54	PASS
				Peak	2483.500	-44.54	≤-21.20	50.66	≤74	PASS
				Peak	2483.780	-37.28	≤-21.20	57.92	≤74	PASS

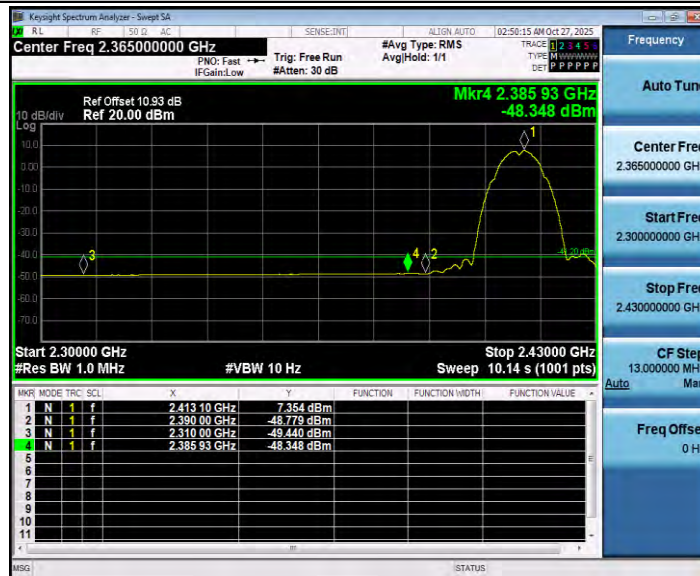
				Peak	2500.000	-43.36	≤ -21.20	51.84	≤ 74	PASS
11N40SIS O	Ant1	Low	2422	AV	2310.000	-49.29	≤ -41.20	45.91	≤ 54	PASS
				AV	2389.850	-42.7	≤ -41.20	52.50	≤ 54	PASS
				AV	2390.000	-42.68	≤ -41.20	52.52	≤ 54	PASS
				Peak	2310.000	-44.73	≤ -21.20	50.47	≤ 74	PASS
				Peak	2386.850	-36.5	≤ -21.20	58.70	≤ 74	PASS
				Peak	2390.000	-41.3	≤ -21.20	53.90	≤ 74	PASS
		High	2452	AV	2483.500	-43.77	≤ -41.20	51.43	≤ 54	PASS
				AV	2483.625	-43.8	≤ -41.20	51.40	≤ 54	PASS
				AV	2500.000	-47.09	≤ -41.20	48.11	≤ 54	PASS
				Peak	2483.500	-42.76	≤ -21.20	52.44	≤ 74	PASS
				Peak	2484.500	-27.68	≤ -21.20	67.52	≤ 74	PASS
				Peak	2500.000	-45.37	≤ -21.20	49.83	≤ 74	PASS

Note:

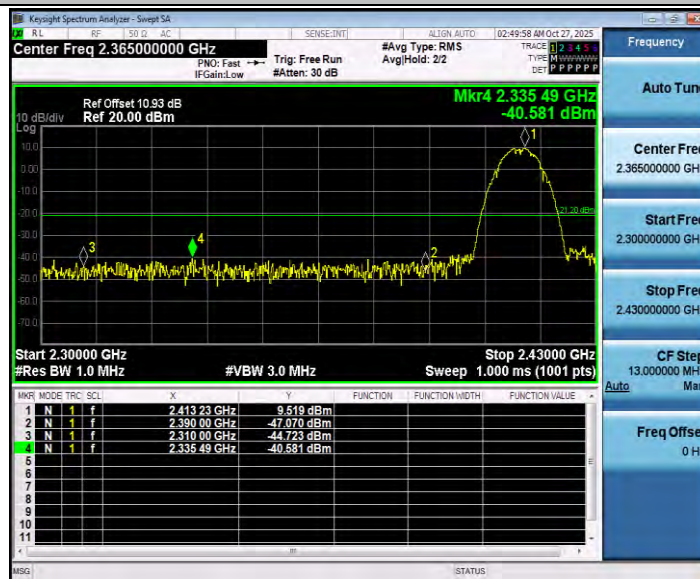
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

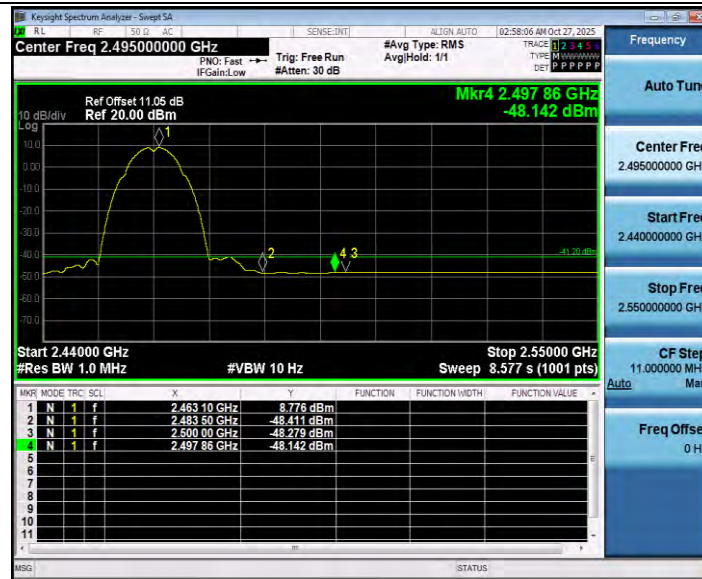
11B_Ant1_Low_2412_AV



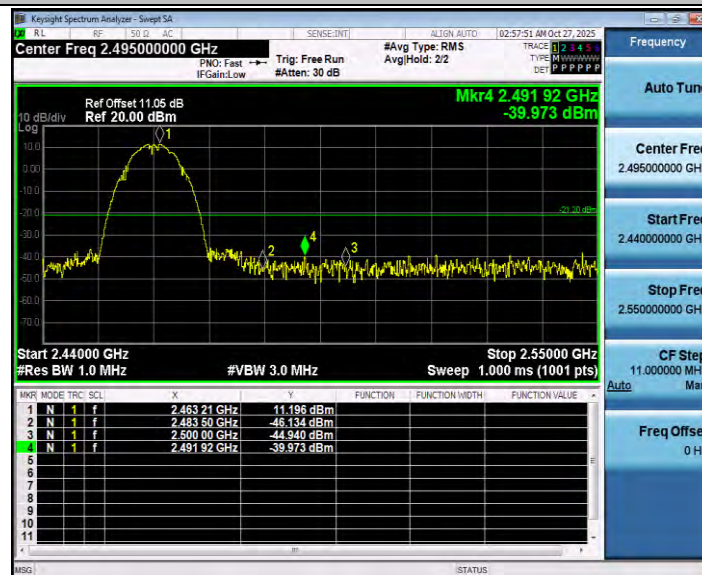
11B_Ant1_Low_2412_Peak



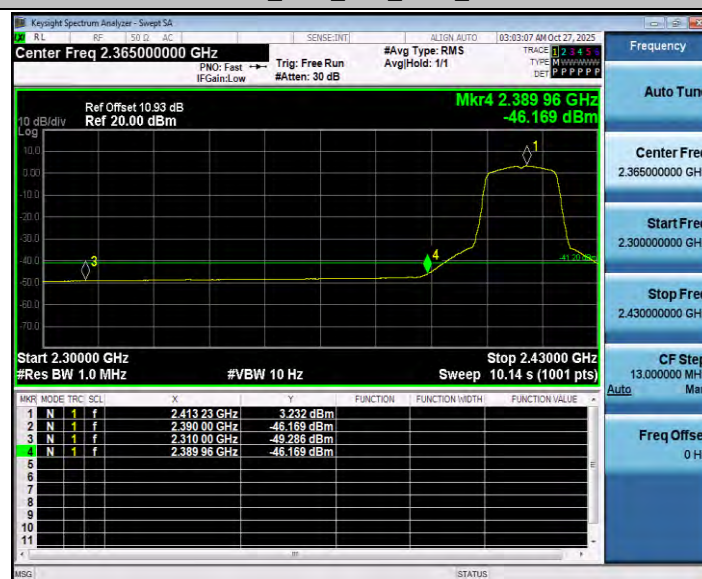
11B_Ant1_High_2462_AV



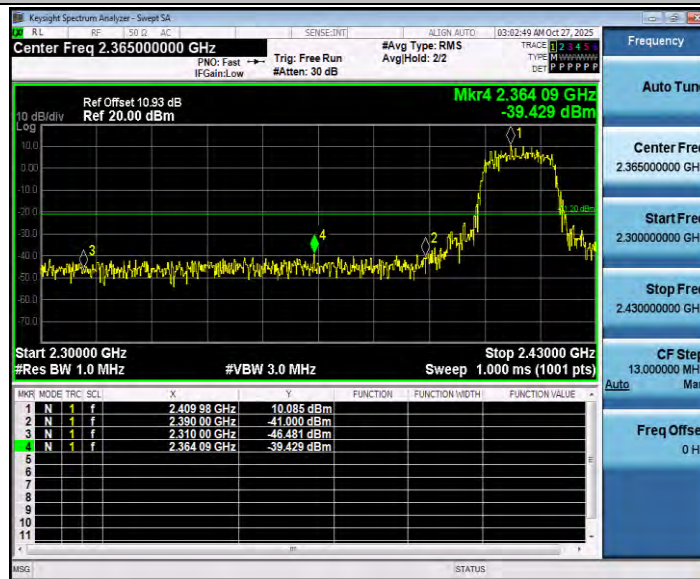
11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV



11G_Ant1_Low_2412_Peak



11G_Ant1_High_2462_AV



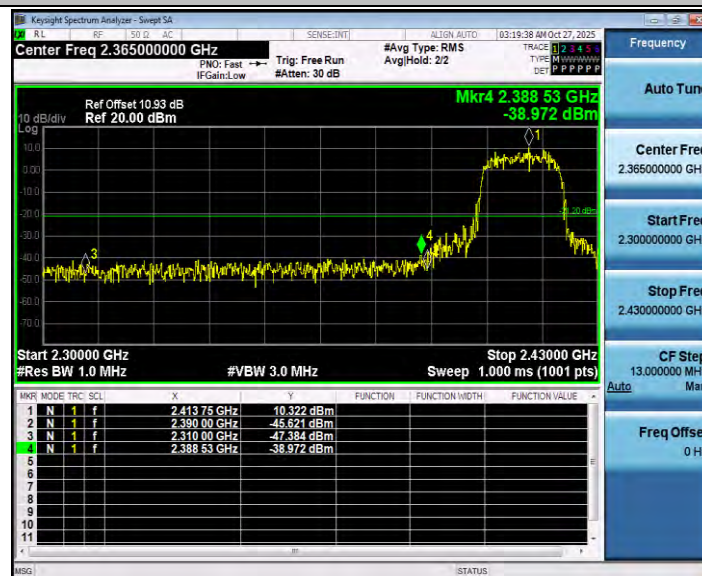
11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV

