

Case No. : <u>GTS20260225003-4-11</u>	
Ambient Condition: <u>25</u> °C, <u>52</u> %RH,	
Test Date: <u>2026.4.14</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	10.360	2406.840	2417.200	0.5	PASS
		2437	10.360	2431.840	2442.200	0.5	PASS
		2462	10.360	2456.840	2467.200	0.5	PASS
11G	Ant1	2412	16.240	2403.840	2420.080	0.5	PASS
		2437	16.240	2428.880	2445.120	0.5	PASS
		2462	16.200	2453.920	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
		2437	17.400	2428.320	2445.720	0.5	PASS
		2462	17.360	2453.280	2470.640	0.5	PASS
11N40SISO	Ant1	2422	36.080	2404.080	2440.160	0.5	PASS
		2437	35.920	2419.080	2455.000	0.5	PASS
		2452	36.000	2434.000	2470.000	0.5	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.2: Occupied Channel Bandwidth

Test Result

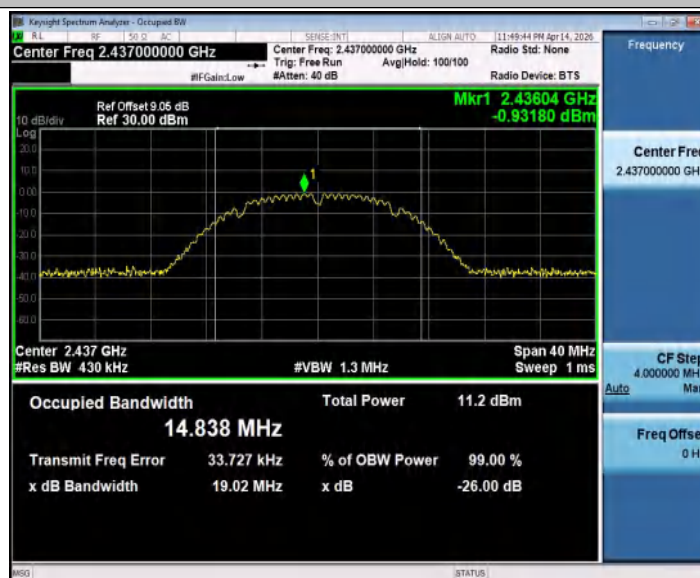
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.896	2404.5890	2419.4850	---	---
		2437	14.838	2429.6147	2444.4527	---	---
		2462	14.837	2454.5638	2469.4008	---	---
11G	Ant1	2412	16.732	2403.6131	2420.3451	---	---
		2437	16.711	2428.6176	2445.3286	---	---
		2462	16.751	2453.5596	2470.3106	---	---
11N20SISO	Ant1	2412	17.877	2403.0958	2420.9728	---	---
		2437	17.831	2428.1048	2445.9358	---	---
		2462	17.868	2453.0599	2470.9279	---	---
11N40SISO	Ant1	2422	36.271	2403.9953	2440.2663	---	---
		2437	36.222	2418.9820	2455.2040	---	---
		2452	36.251	2433.9387	2470.1897	---	---

Test Graphs

11B_Ant1_2412



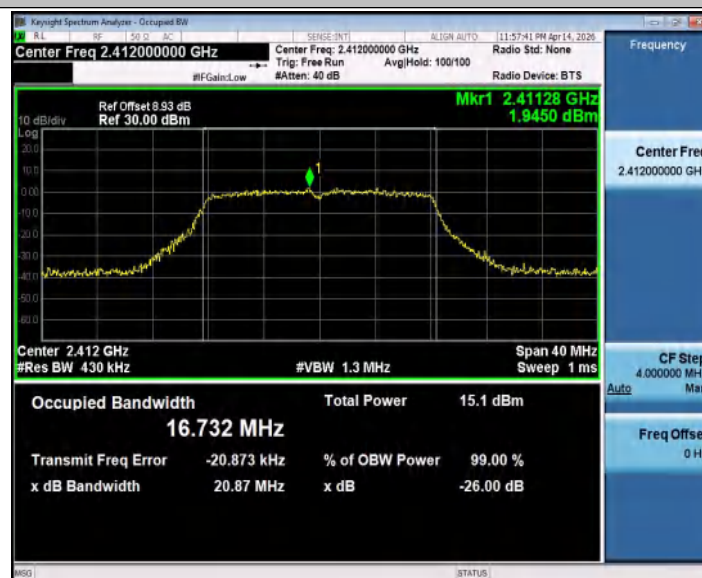
11B_Ant1_2437



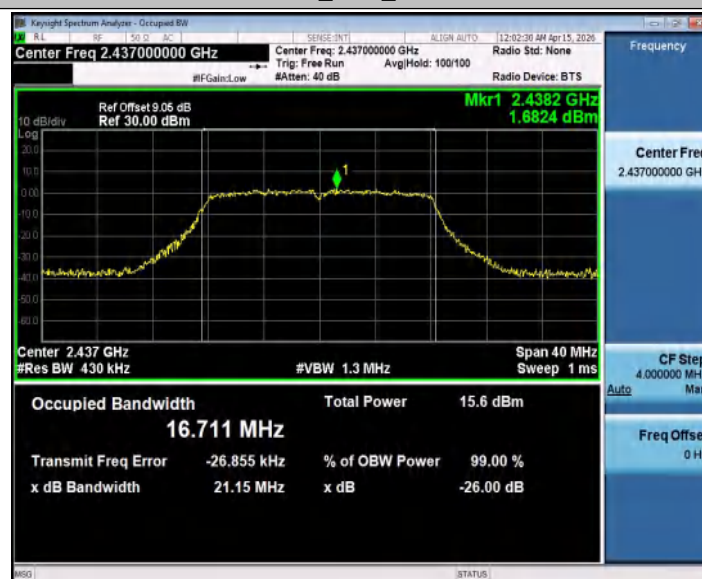
11B_Ant1_2462



11G_Ant1_2412



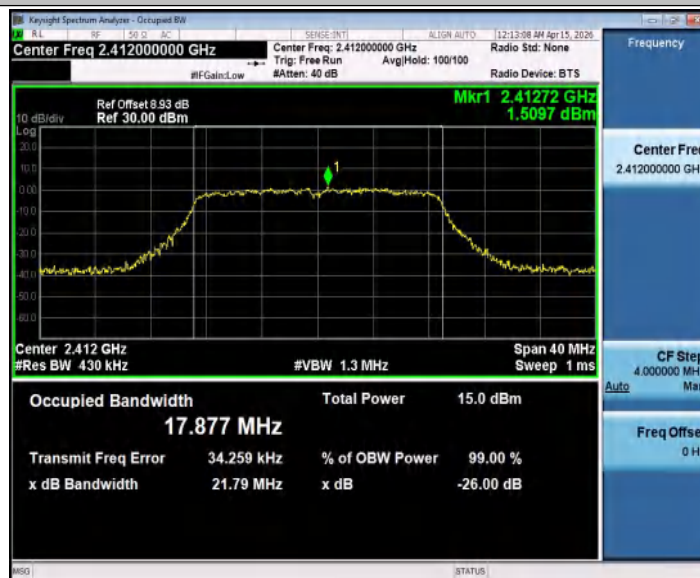
11G_Ant1_2437



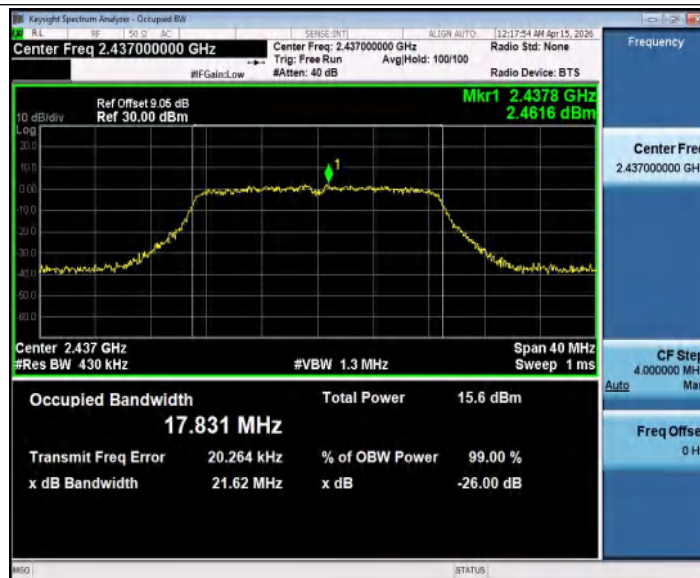
11G_Ant1_2462



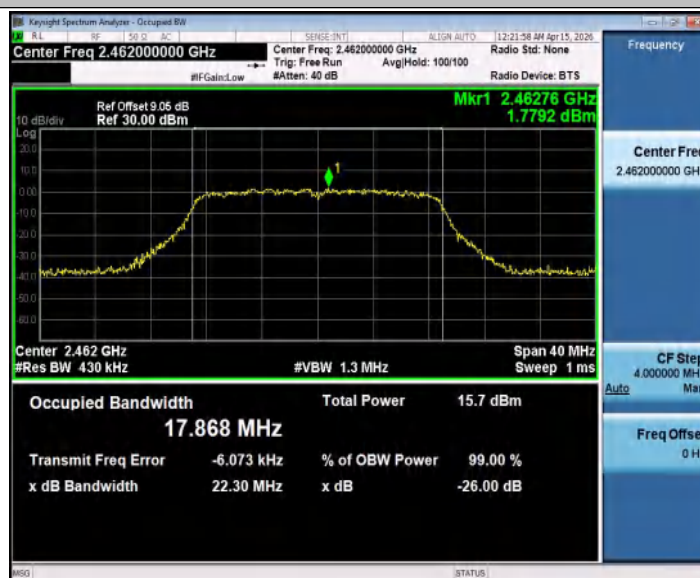
11N20SISO_Ant1_2412



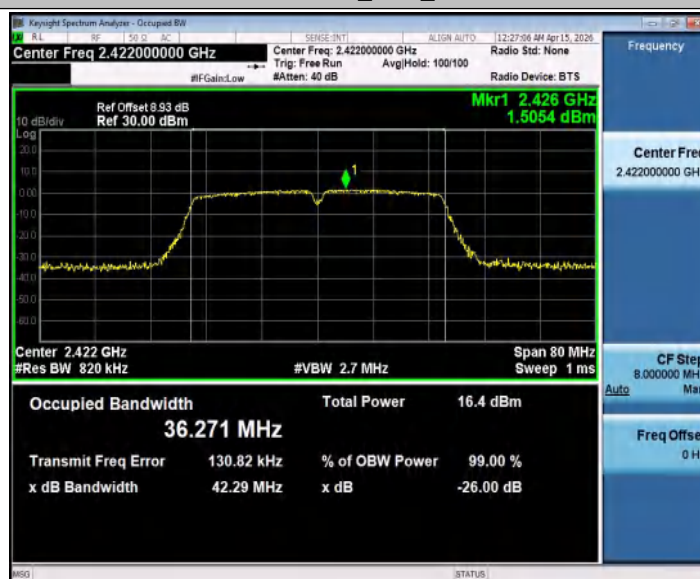
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	10.92	≤30.00	PASS
		2437	11.26	≤30.00	PASS
		2462	11.57	≤30.00	PASS
11G	Ant1	2412	16.28	≤30.00	PASS
		2437	16.82	≤30.00	PASS
		2462	16.76	≤30.00	PASS
11N20SISO	Ant1	2412	16.50	≤30.00	PASS
		2437	17.20	≤30.00	PASS
		2462	17.06	≤30.00	PASS
11N40SISO	Ant1	2422	16.63	≤30.00	PASS
		2437	16.62	≤30.00	PASS
		2452	16.63	≤30.00	PASS

Appendix C.4: Maximum power spectral density

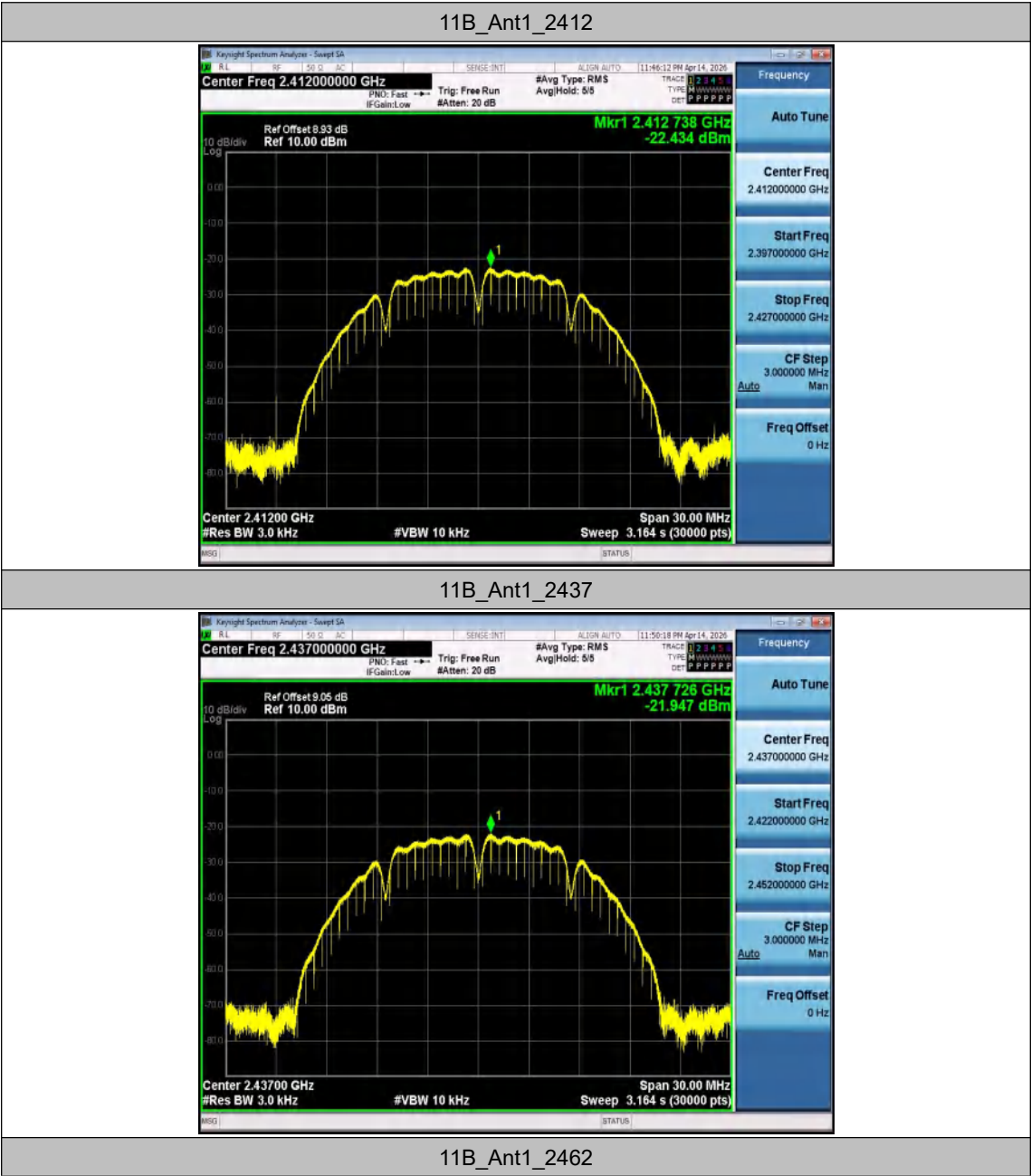
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-22.43	≤8.00	PASS
		2437	-21.95	≤8.00	PASS
		2462	-21.74	≤8.00	PASS
11G	Ant1	2412	-18.89	≤8.00	PASS
		2437	-18.66	≤8.00	PASS
		2462	-18.27	≤8.00	PASS
11N20SISO	Ant1	2412	-18.82	≤8.00	PASS
		2437	-16.94	≤8.00	PASS
		2462	-17.97	≤8.00	PASS
11N40SISO	Ant1	2422	-19.07	≤8.00	PASS
		2437	-19.35	≤8.00	PASS
		2452	-19.18	≤8.00	PASS

Note:

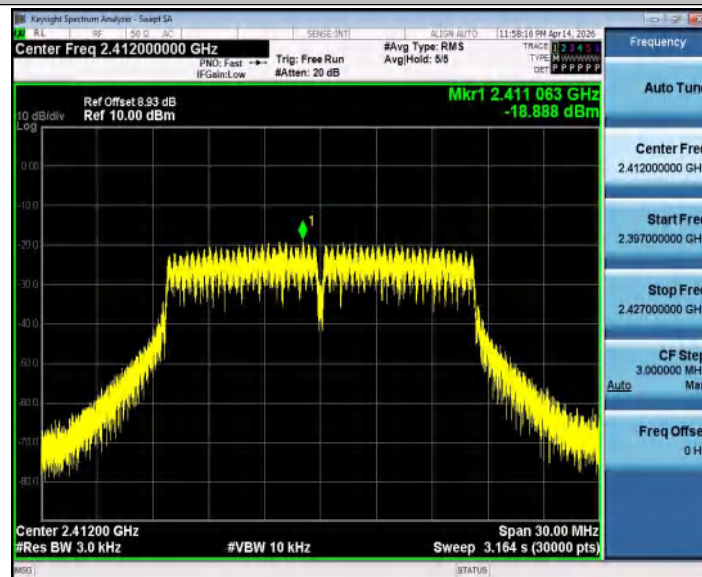
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

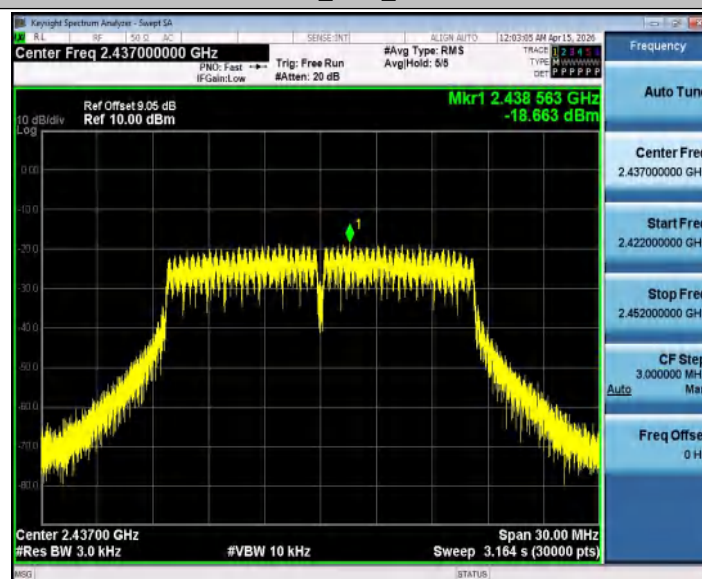




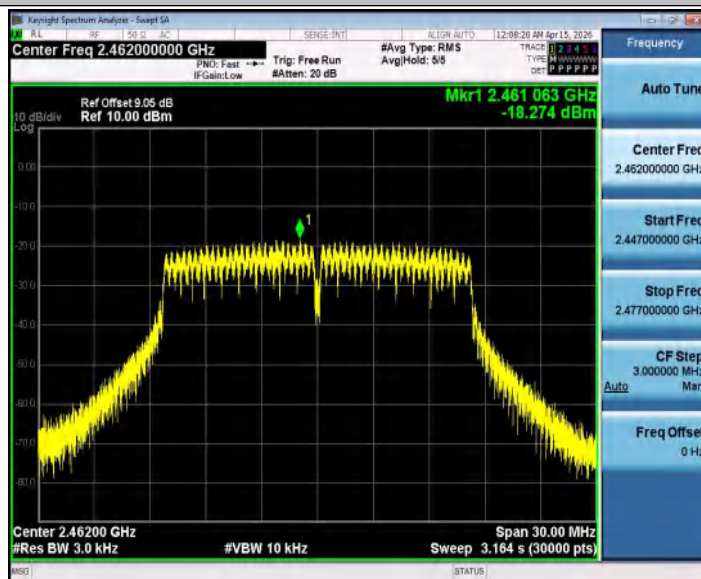
11G_Ant1_2412



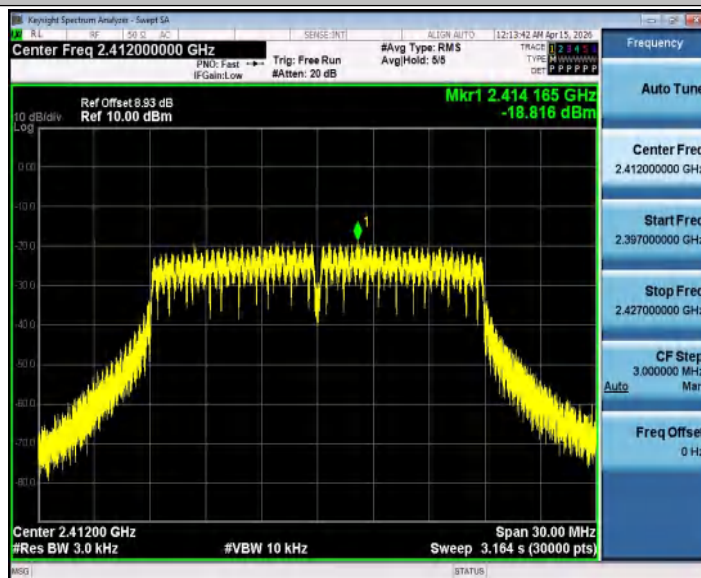
11G_Ant1_2437



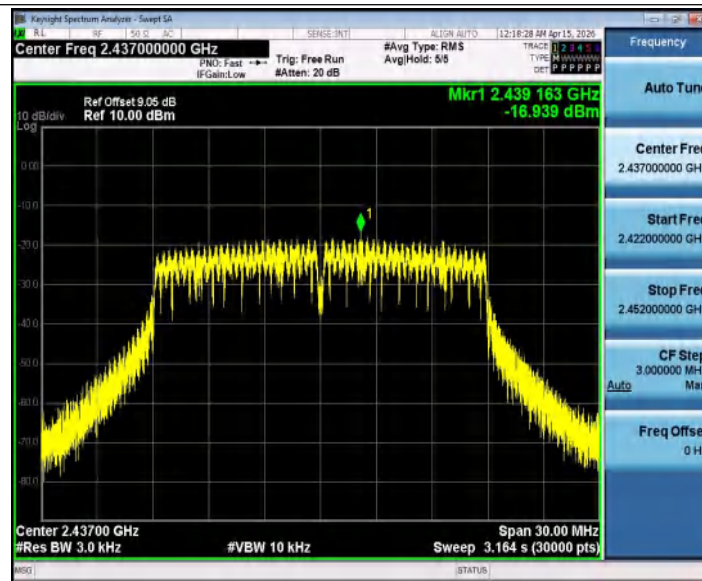
11G_Ant1_2462



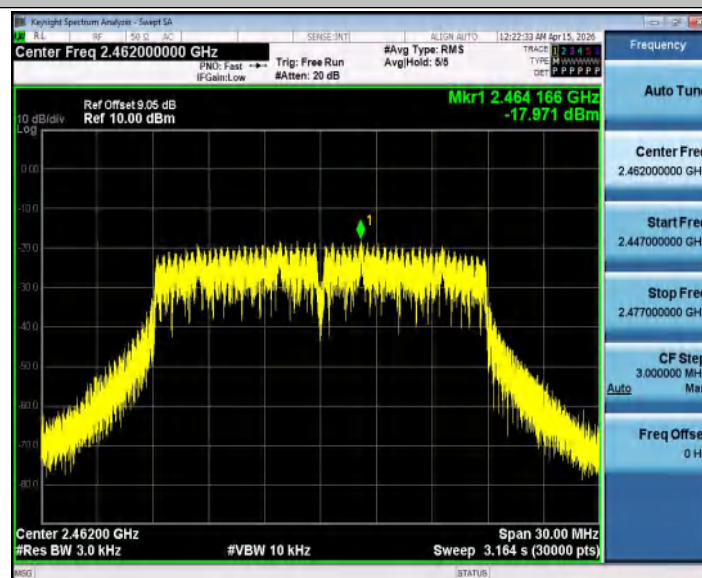
11N20SISO_Ant1_2412



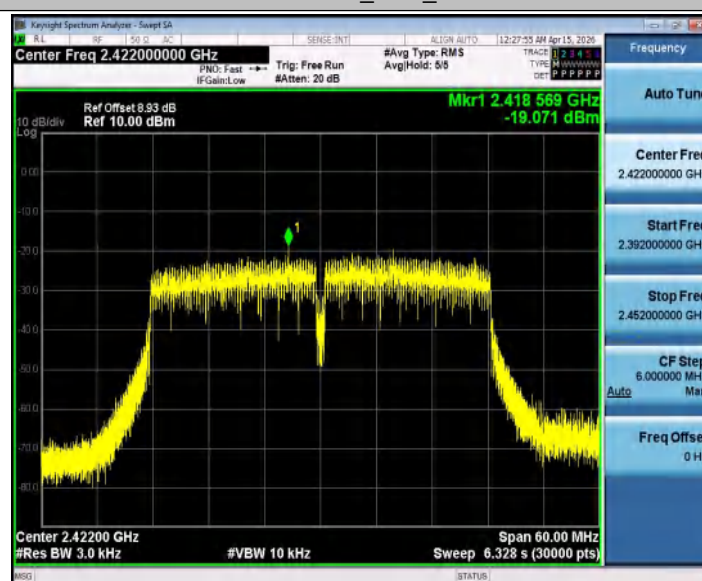
11N20SISO_Ant1_2437



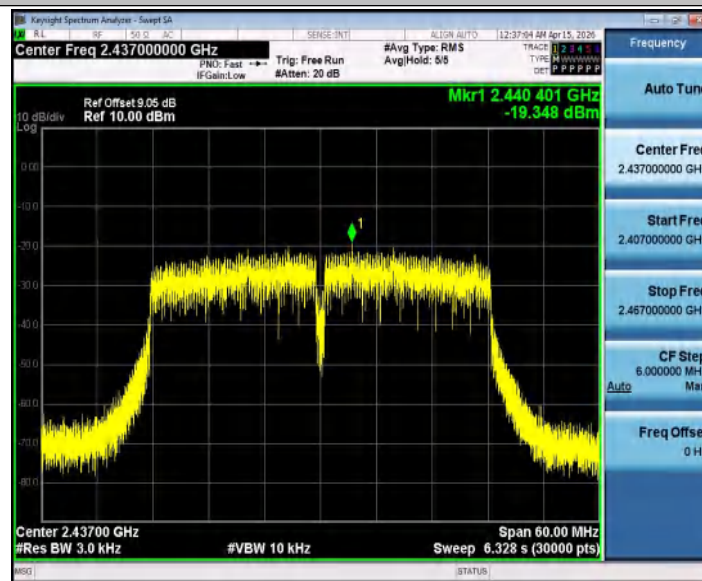
11N20SISO_Ant1_2462



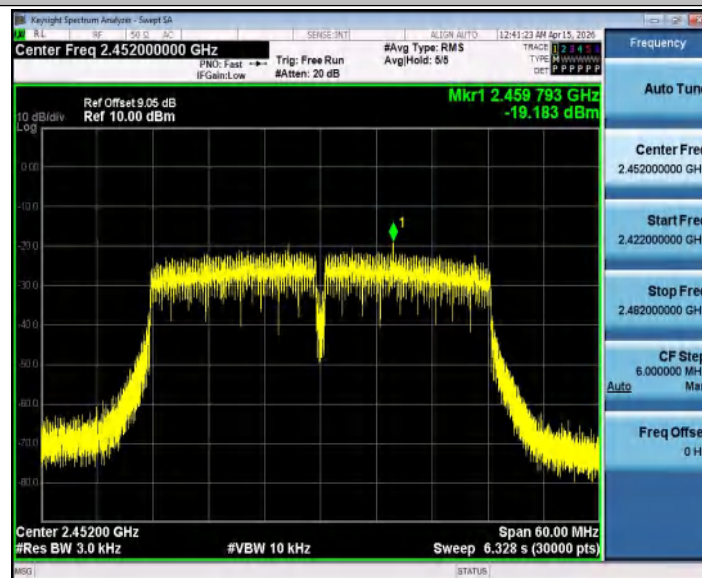
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



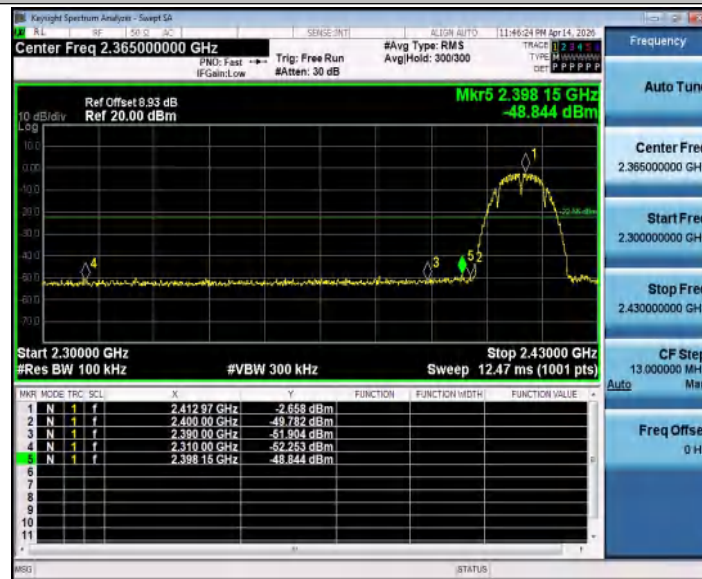
Appendix C.5: Band edge measurements

Test Result

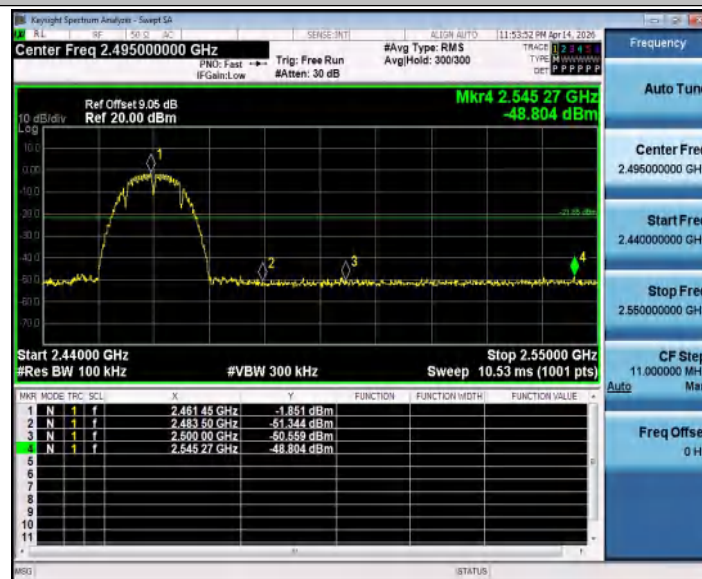
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-2.66	-48.84	≤-22.66	PASS
		High	2462	-1.85	-48.8	≤-21.85	PASS
11G	Ant1	Low	2412	-4.75	-41.9	≤-24.75	PASS
		High	2462	-4.21	-49.35	≤-24.21	PASS
11N20SISO	Ant1	Low	2412	-5.00	-40.04	≤-25	PASS
		High	2462	-4.28	-49.07	≤-24.28	PASS
11N40SISO	Ant1	Low	2422	-7.55	-45.06	≤-27.55	PASS
		High	2452	-7.39	-47.88	≤-27.39	PASS

Test Graphs

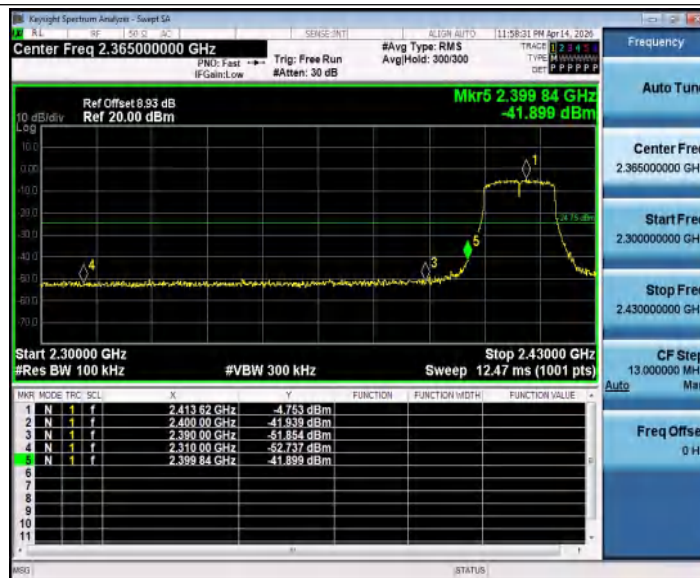
11B_Ant1_Low_2412



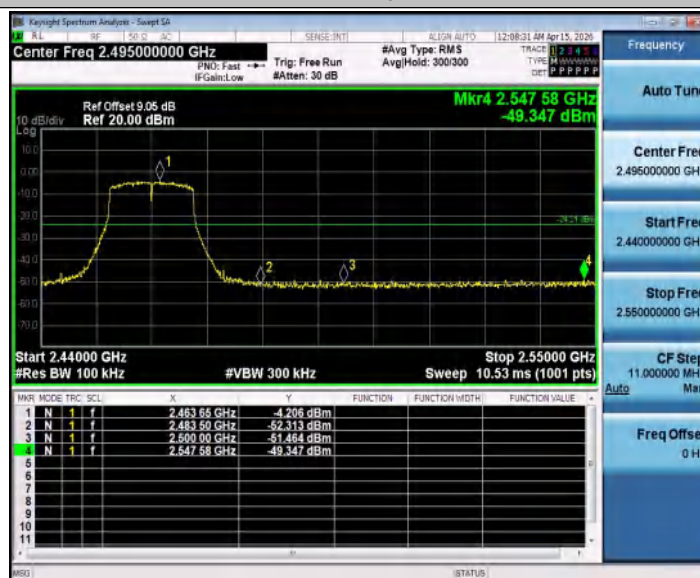
11B_Ant1_High_2462



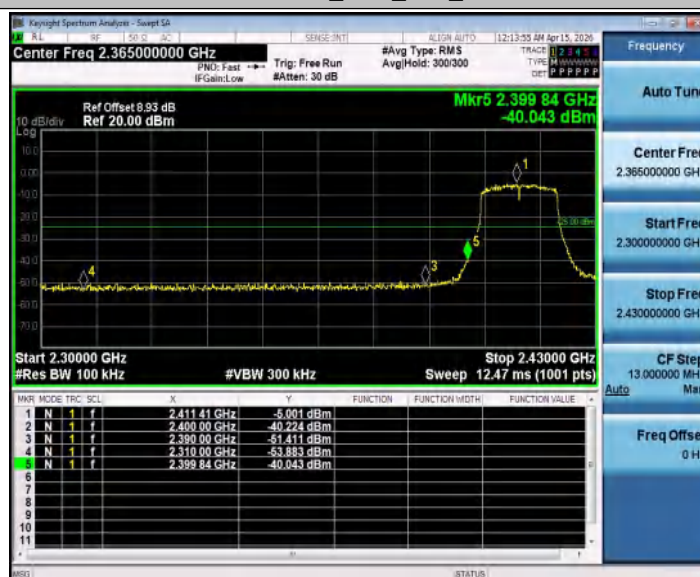
11G_Ant1_Low_2412



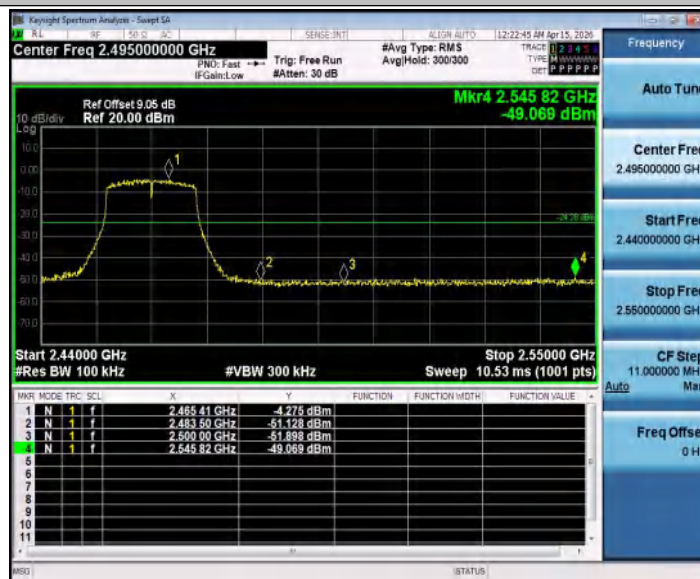
11G_Ant1_High_2462



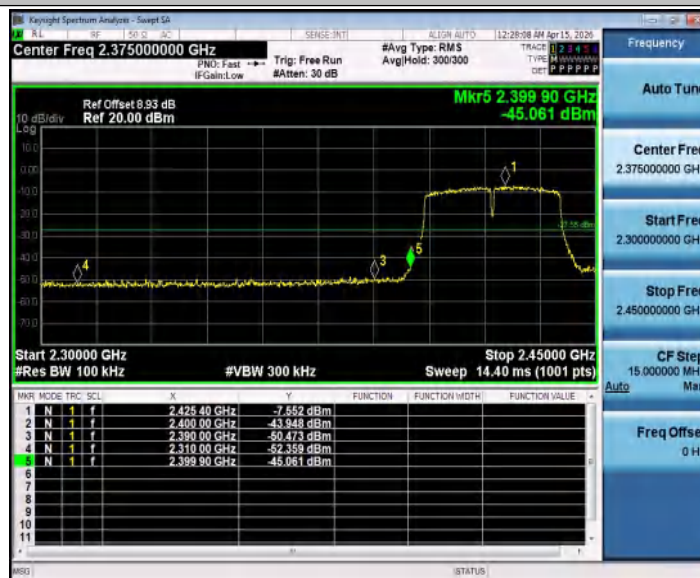
11N20SISO_Ant1_Low_2412



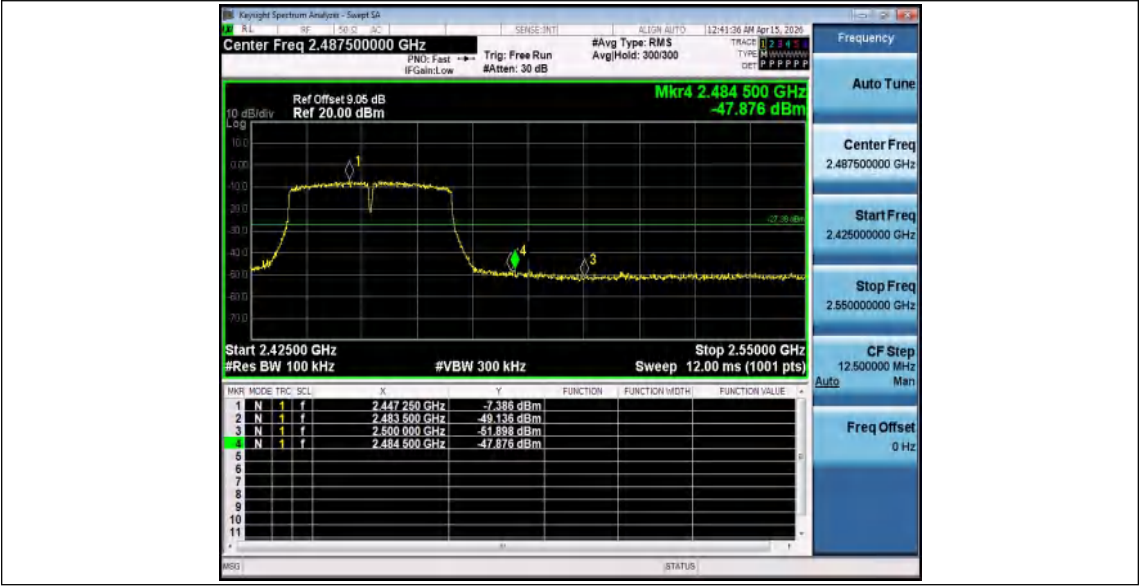
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.6: Conducted Spurious Emission

Test Result

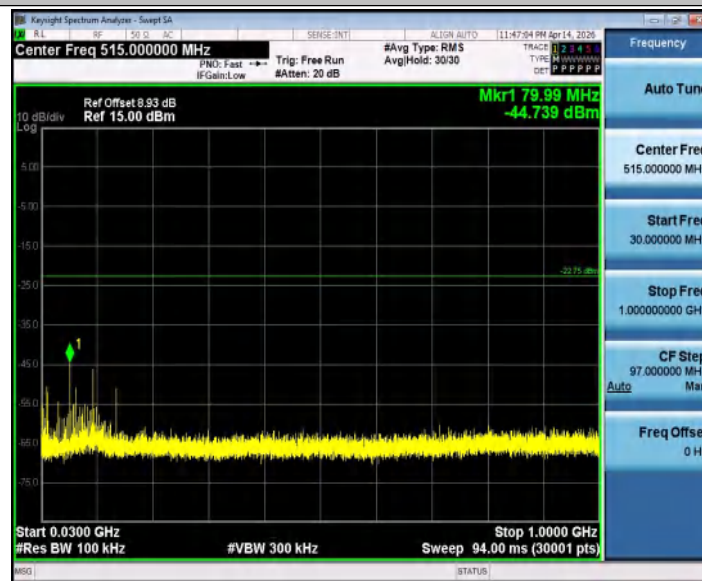
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-2.75	-2.75	---	PASS
			30~1000	-2.75	-44.74	≤-22.75	PASS
			1000~26500	-2.75	-47.15	≤-22.75	PASS
		2437	Reference	-2.37	-2.37	---	PASS
			30~1000	-2.37	-44.65	≤-22.37	PASS
			1000~26500	-2.37	-46.95	≤-22.37	PASS
		2462	Reference	-1.98	-1.98	---	PASS
			30~1000	-1.98	-45.58	≤-21.98	PASS
			1000~26500	-1.98	-47.52	≤-21.98	PASS
11G	Ant1	2412	Reference	-5.29	-5.29	---	PASS
			30~1000	-5.29	-43.63	≤-25.29	PASS
			1000~26500	-5.29	-47.54	≤-25.29	PASS
		2437	Reference	-4.40	-4.40	---	PASS
			30~1000	-4.40	-43.65	≤-24.4	PASS
			1000~26500	-4.40	-47.35	≤-24.4	PASS
		2462	Reference	-4.64	-4.64	---	PASS
			30~1000	-4.64	-43.91	≤-24.64	PASS
			1000~26500	-4.64	-47.01	≤-24.64	PASS
11N20SISO	Ant1	2412	Reference	-5.30	-5.30	---	PASS
			30~1000	-5.30	-42.61	≤-25.3	PASS
			1000~26500	-5.30	-48.26	≤-25.3	PASS
		2437	Reference	-5.00	-5.00	---	PASS
			30~1000	-5.00	-44.06	≤-25	PASS
			1000~26500	-5.00	-47.25	≤-25	PASS
		2462	Reference	-5.14	-5.14	---	PASS
			30~1000	-5.14	-43.29	≤-25.14	PASS
			1000~26500	-5.14	-47.64	≤-25.14	PASS
11N40SISO	Ant1	2422	Reference	-8.07	-8.07	---	PASS
			30~1000	-8.07	-42.87	≤-28.07	PASS
			1000~26500	-8.07	-47.59	≤-28.07	PASS
		2437	Reference	-7.85	-7.85	---	PASS
			30~1000	-7.85	-42.5	≤-27.85	PASS
			1000~26500	-7.85	-47.81	≤-27.85	PASS
		2452	Reference	-7.99	-7.99	---	PASS
			30~1000	-7.99	-42.69	≤-27.99	PASS
			1000~26500	-7.99	-48.07	≤-27.99	PASS

Test Graphs

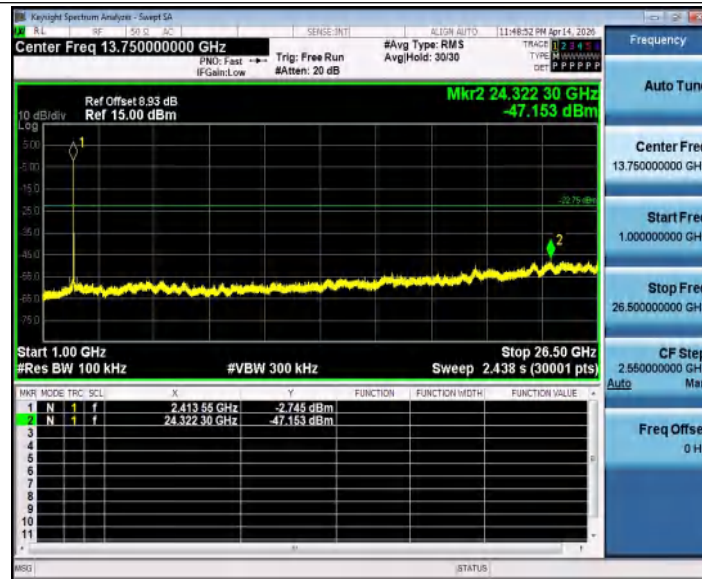
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



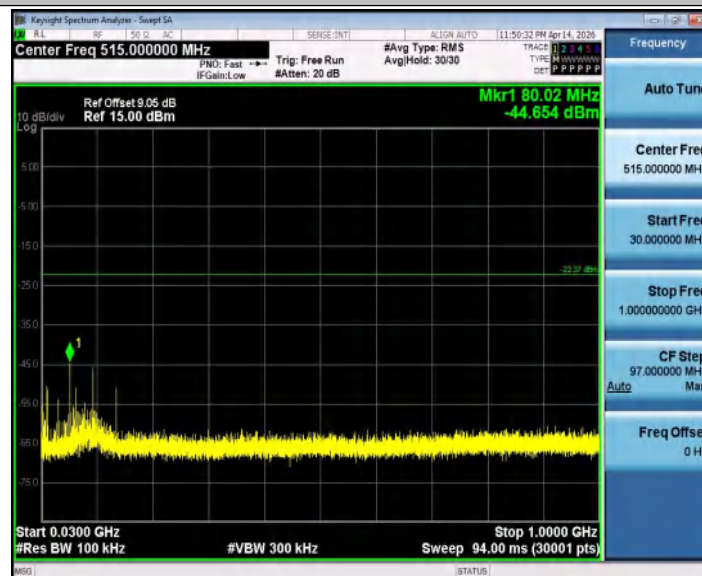
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



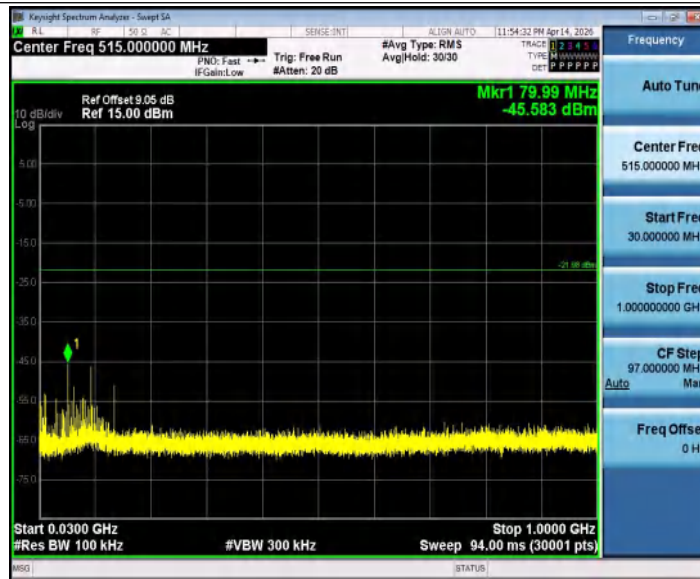
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000

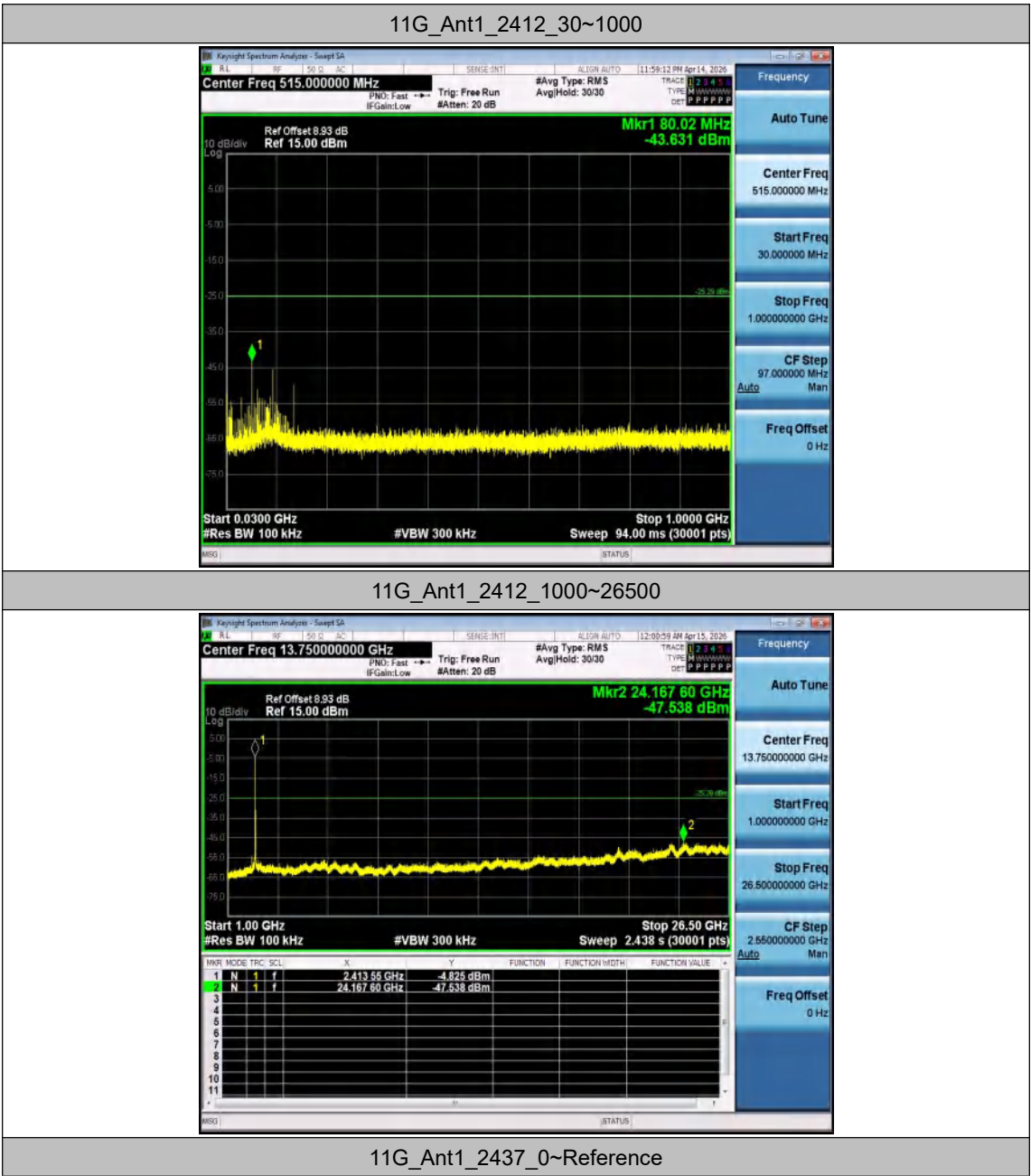


11B_Ant1_2462_1000~26500



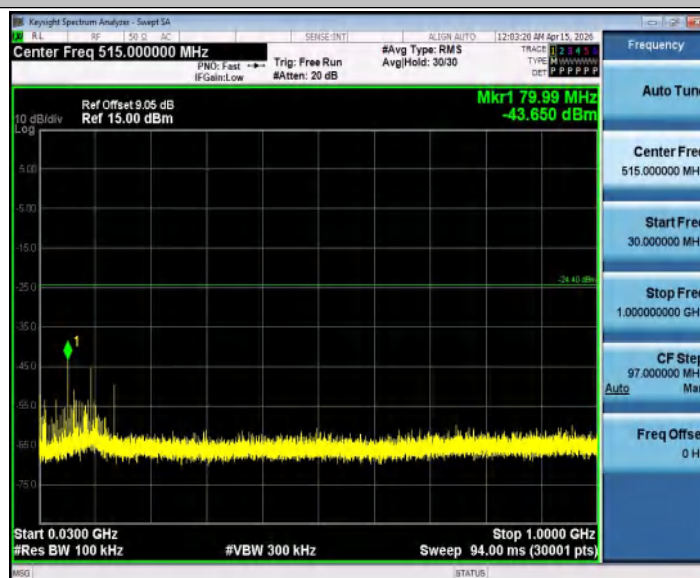
11G_Ant1_2412_0~Reference







11G_Ant1_2437_30~1000



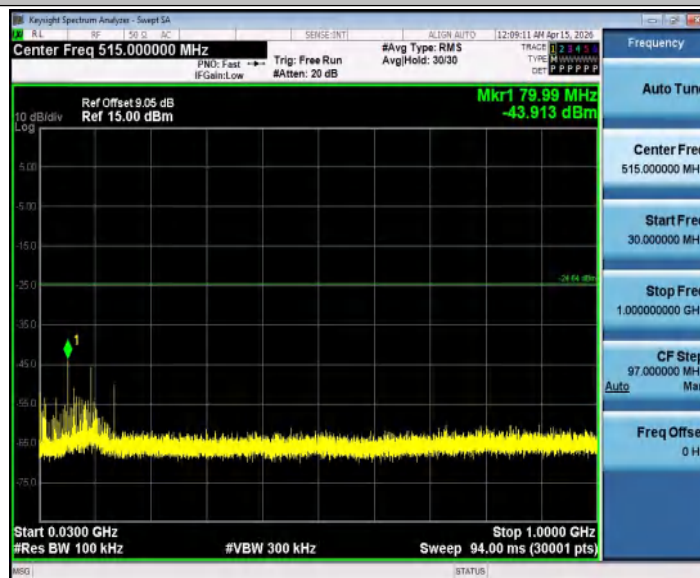
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



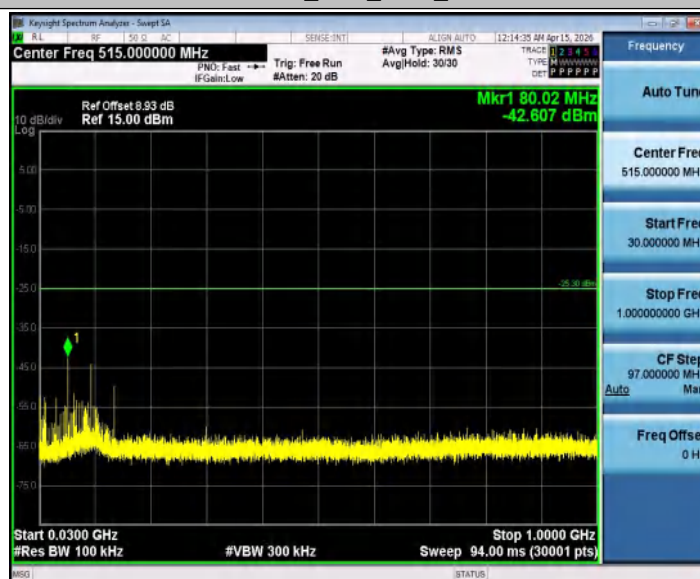
11G_Ant1_2462_1000~26500



11N20ISO_Ant1_2412_0~Reference



11N20ISO_Ant1_2412_30~1000



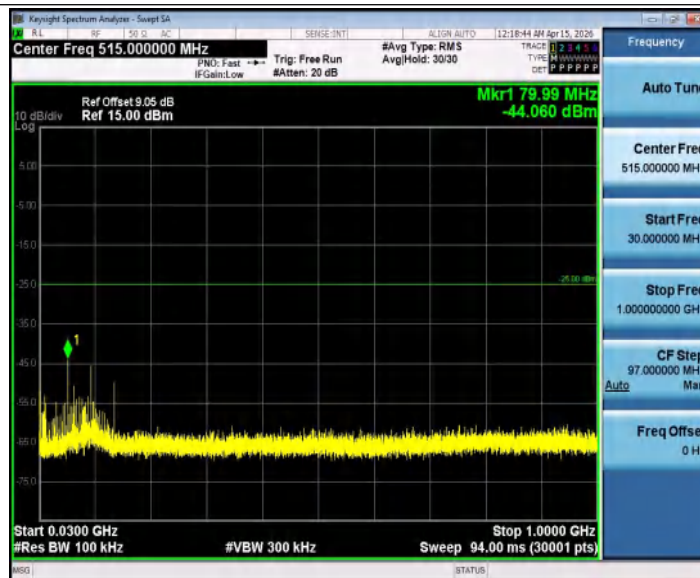
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



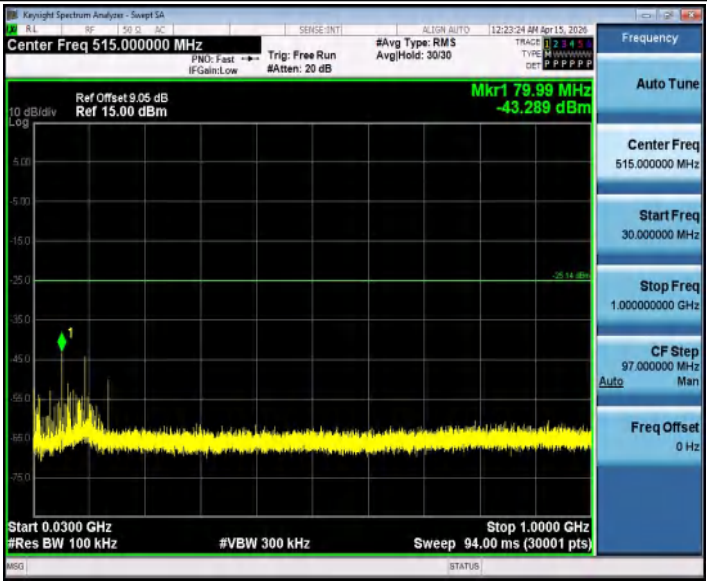
11N20SISO_Ant1_2437_1000~26500



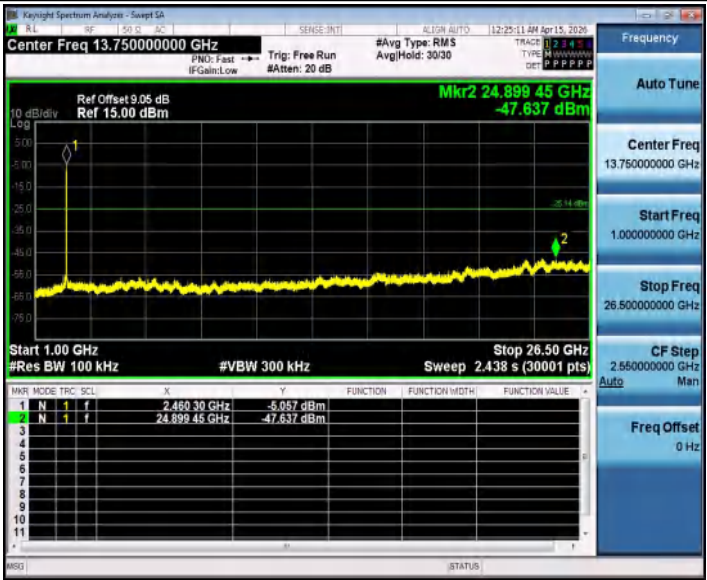
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



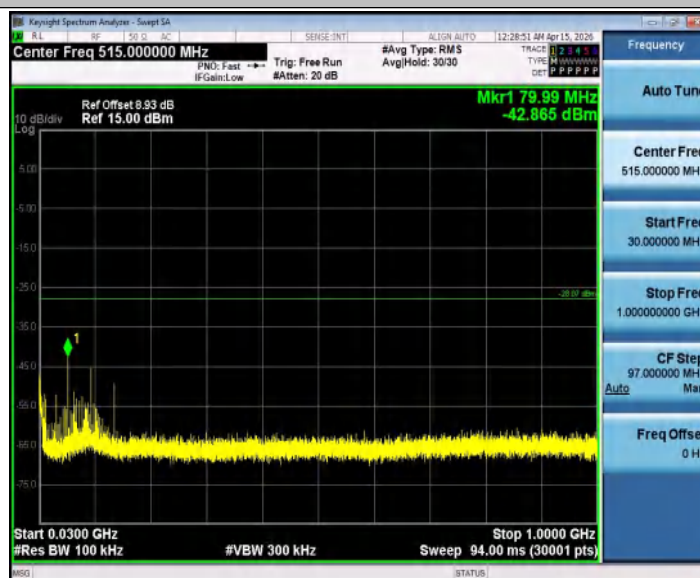
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



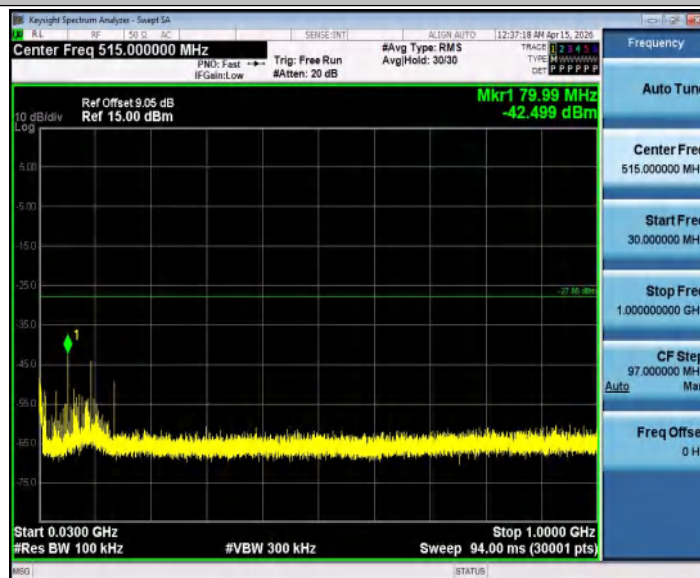
11N40SISO_Ant1_2422_1000~26500



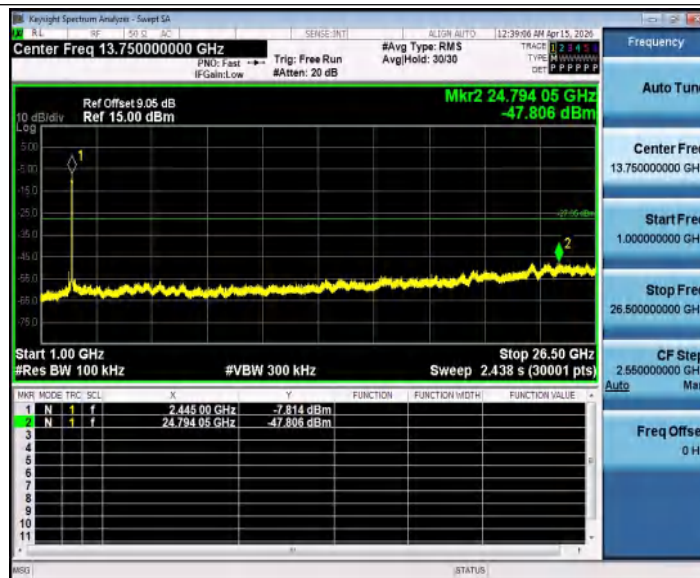
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



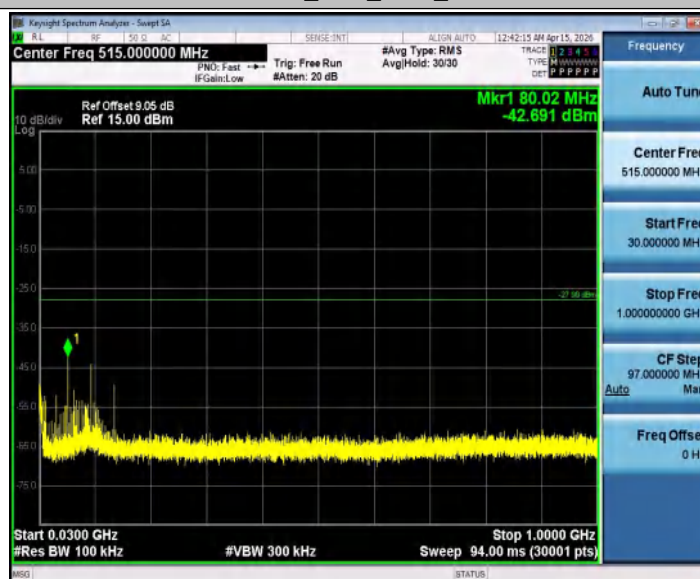
11N40SISO_Ant1_2437_1000~26500

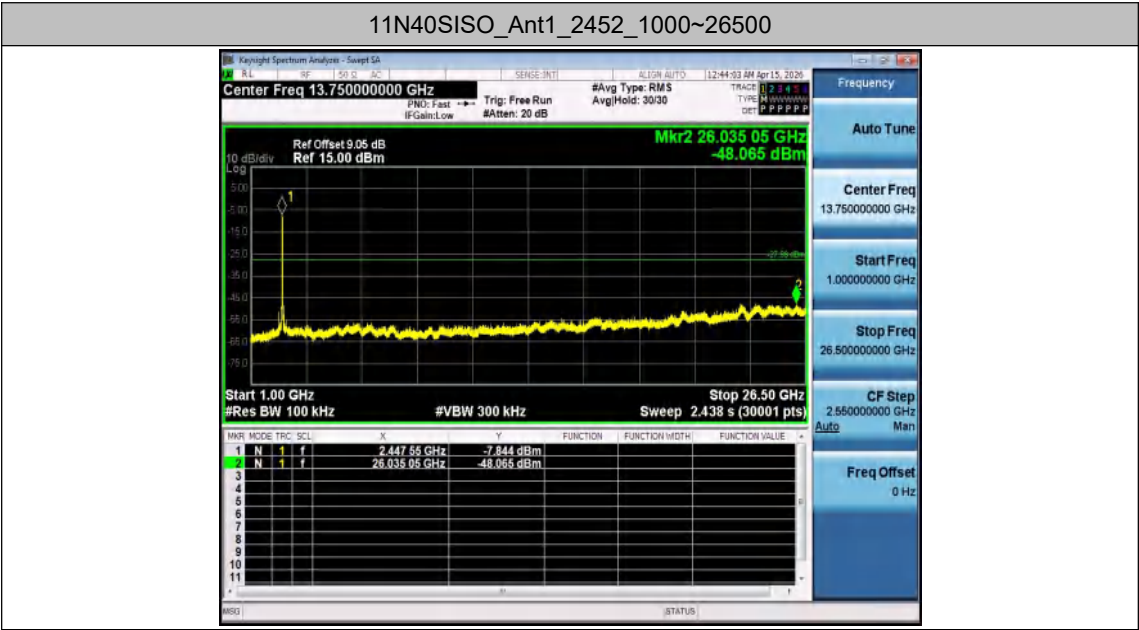


11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



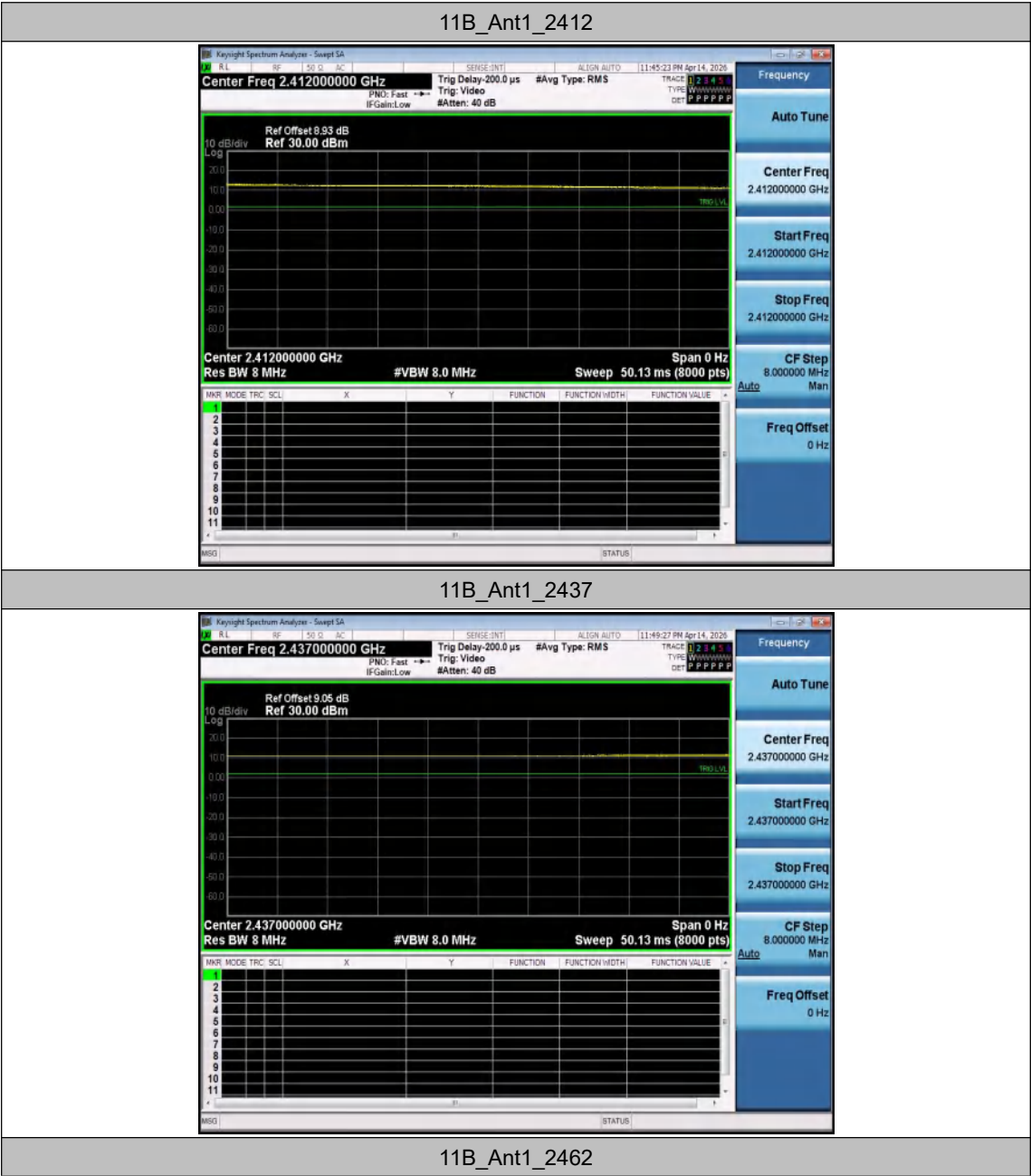


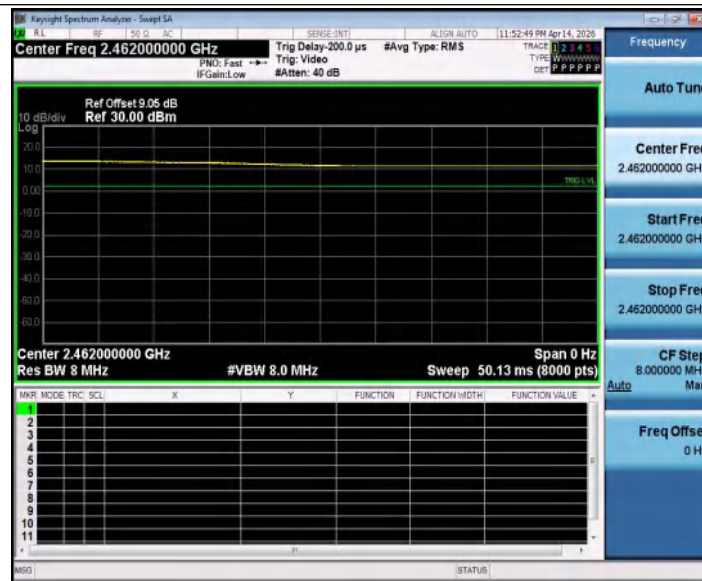
Appendix C.7: Duty Cycle

Test Result

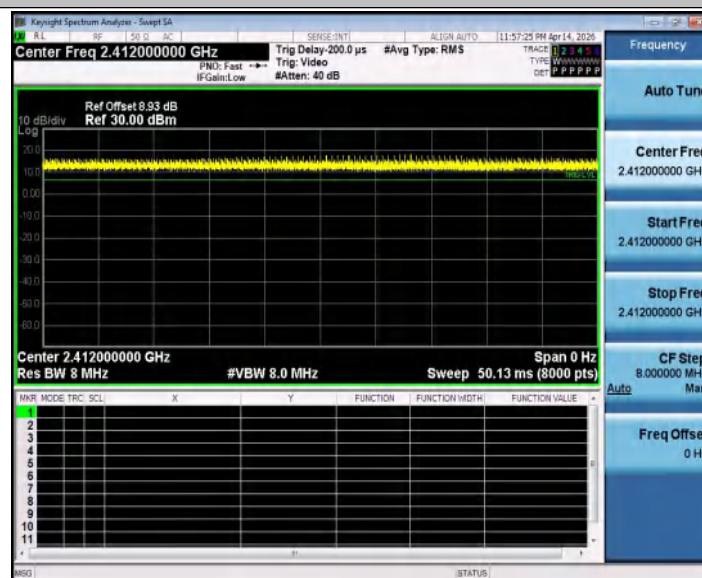
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N20SISO	Ant1	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	Ant1	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

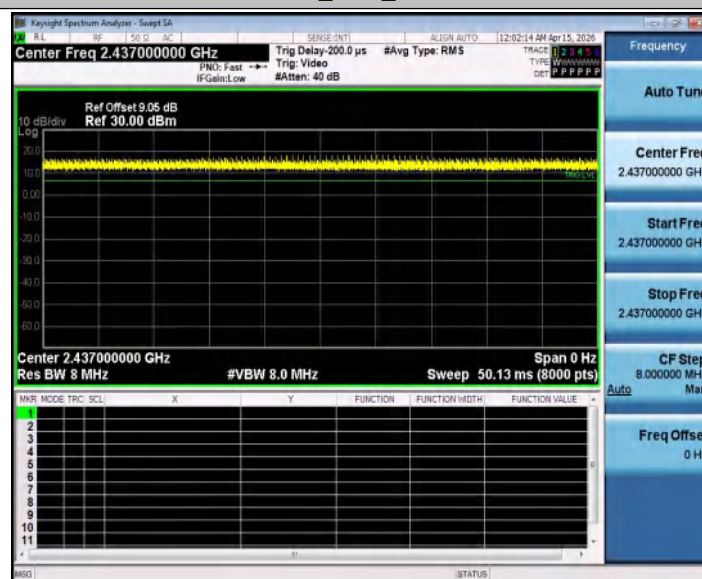




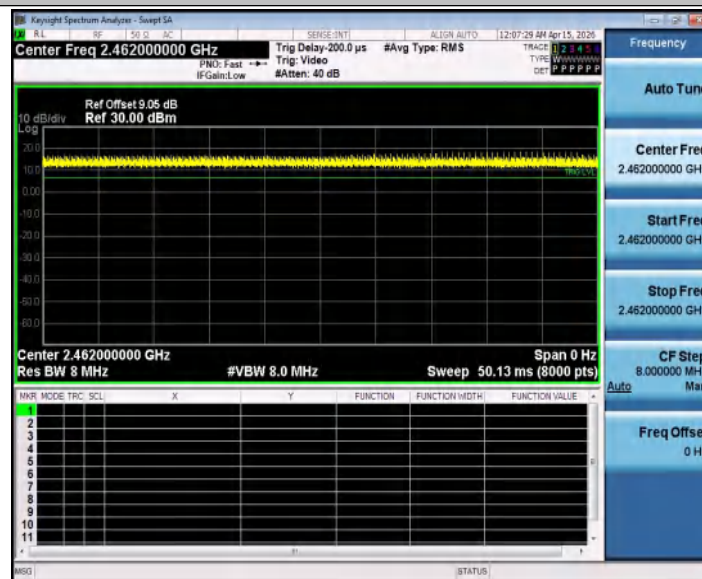
11G_Ant1_2412



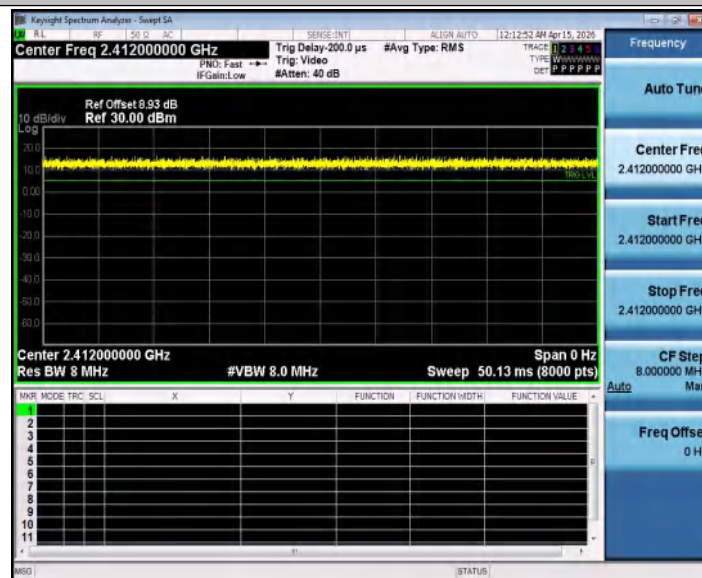
11G_Ant1_2437



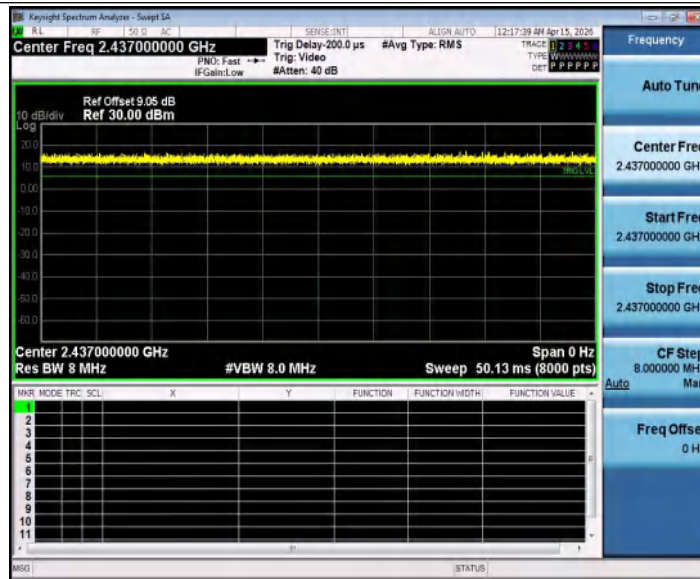
11G_Ant1_2462



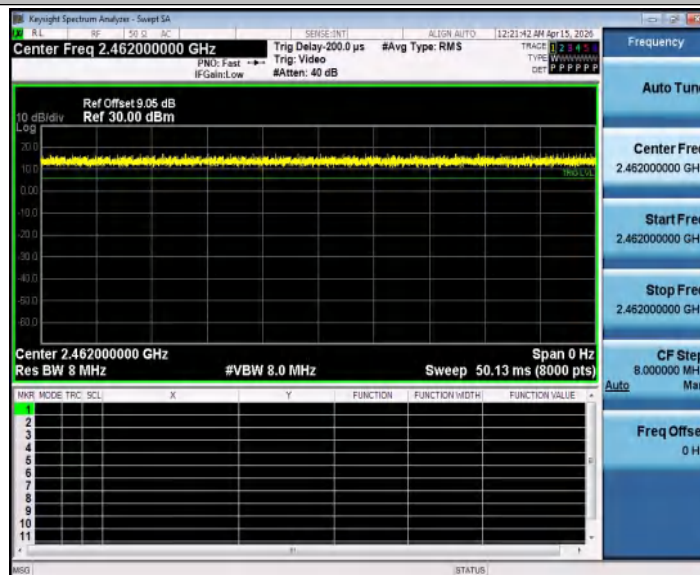
11N20SISO_Ant1_2412



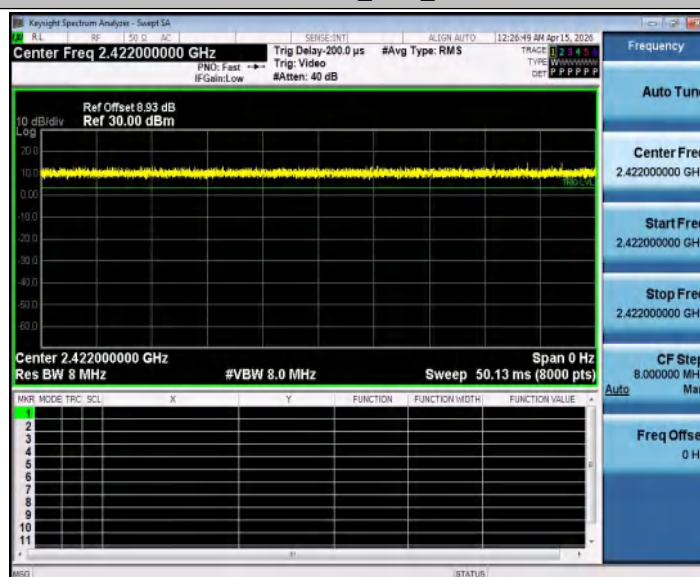
11N20SISO_Ant1_2437



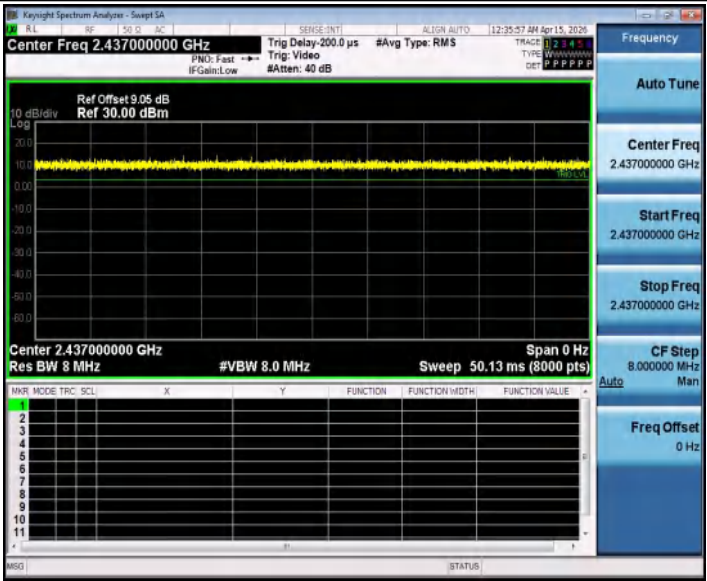
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

