

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	16.280	2403.880	2420.160	0.5	PASS
		2437	16.160	2428.880	2445.040	0.5	PASS
		2462	16.280	2453.880	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.320	2403.360	2420.680	0.5	PASS
		2437	17.280	2428.320	2445.600	0.5	PASS
		2462	17.360	2453.280	2470.640	0.5	PASS
11N40SISO	Ant1	2422	36.000	2404.080	2440.080	0.5	PASS
		2437	36.160	2419.000	2455.160	0.5	PASS
		2452	36.160	2434.000	2470.160	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

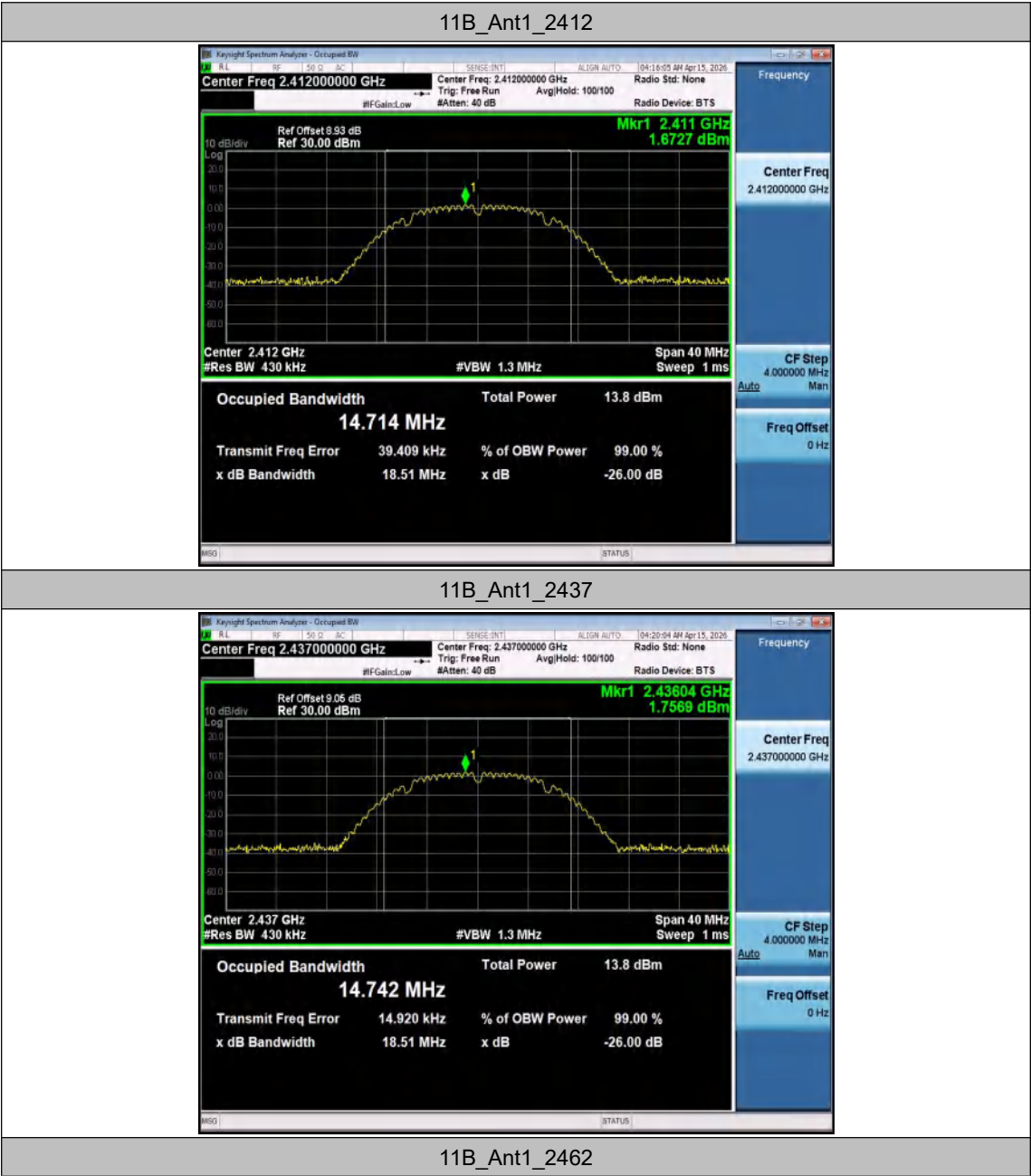


Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.714	2404.6824	2419.3964	---	---
		2437	14.742	2429.6439	2444.3859	---	---
		2462	14.692	2454.6468	2469.3388	---	---
11G	Ant1	2412	16.752	2403.5726	2420.3246	---	---
		2437	16.712	2428.6172	2445.3292	---	---
		2462	16.692	2453.6060	2470.2980	---	---
11N20SISO	Ant1	2412	17.843	2403.0912	2420.9342	---	---
		2437	17.873	2428.0786	2445.9516	---	---
		2462	17.812	2453.0930	2470.9050	---	---
11N40SISO	Ant1	2422	36.187	2403.9753	2440.1623	---	---
		2437	36.232	2418.9472	2455.1792	---	---
		2452	36.198	2433.9681	2470.1661	---	---

Test Graphs



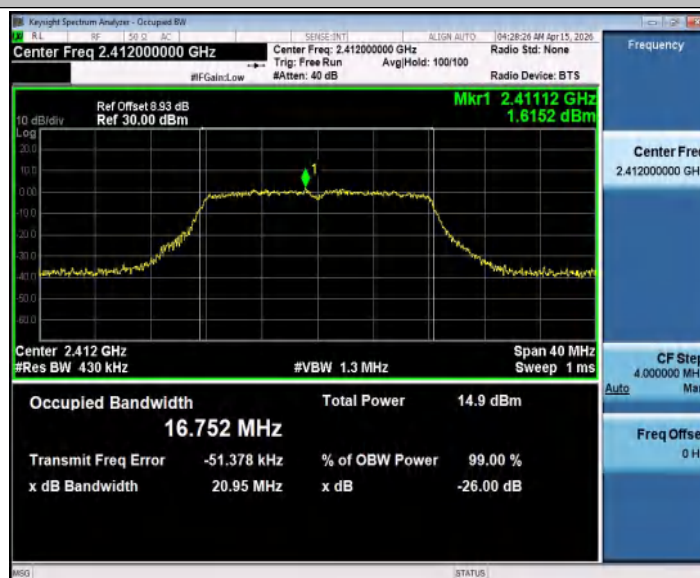
11B_Ant1_2437

Frequency
Center Freq
2.437000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

11B_Ant1_2462



11G_Ant1_2412



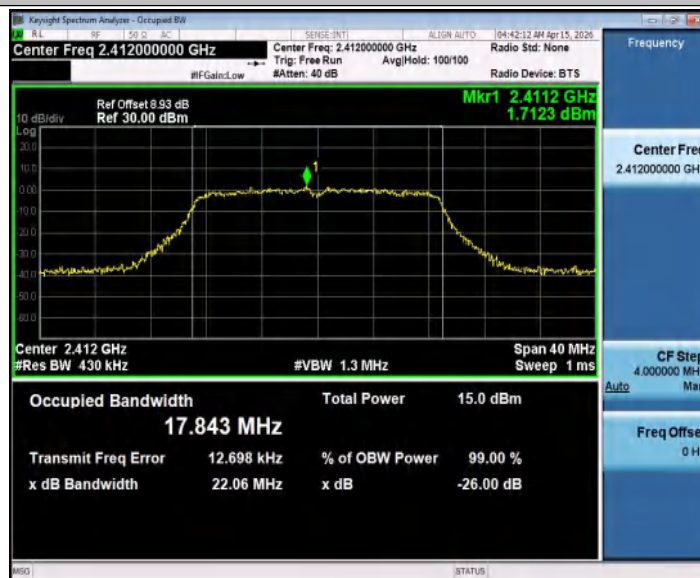
11G_Ant1_2437



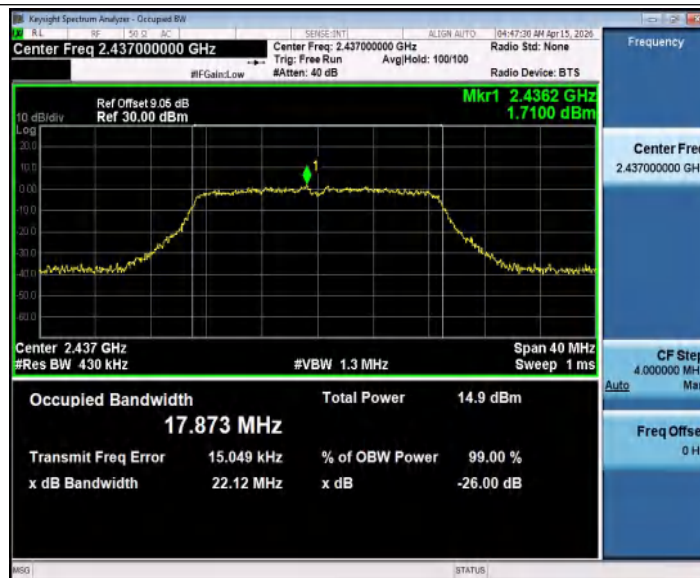
11G_Ant1_2462



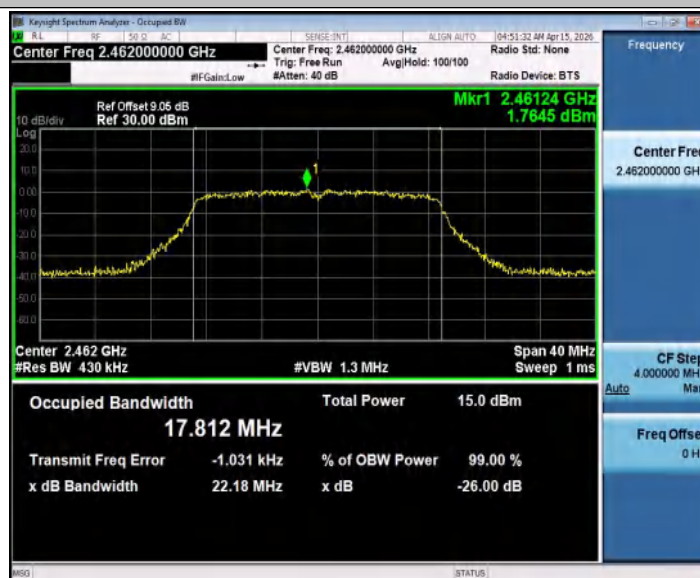
11N20SISO_Ant1_2412



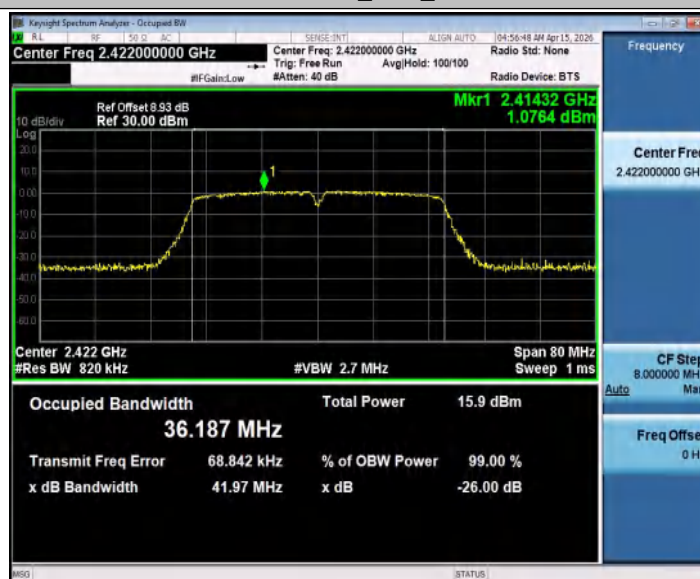
11N20SISO_Ant1_2437



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	13.79	≤30.00	PASS
		2437	13.89	≤30.00	PASS
		2462	13.97	≤30.00	PASS
11G	Ant1	2412	16.02	≤30.00	PASS
		2437	16.12	≤30.00	PASS
		2462	15.96	≤30.00	PASS
11N20SISO	Ant1	2412	16.30	≤30.00	PASS
		2437	16.36	≤30.00	PASS
		2462	16.41	≤30.00	PASS
11N40SISO	Ant1	2422	16.21	≤30.00	PASS
		2437	16.12	≤30.00	PASS
		2452	16.21	≤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	-19.57	≤8.00	PASS
		2437	-19.16	≤8.00	PASS
		2462	-19.34	≤8.00	PASS
11G	Ant1	2412	-19.07	≤8.00	PASS
		2437	-18.91	≤8.00	PASS
		2462	-19.25	≤8.00	PASS
11N20SISO	Ant1	2412	-18.20	≤8.00	PASS
		2437	-17.99	≤8.00	PASS
		2462	-18.89	≤8.00	PASS
11N40SISO	Ant1	2422	-19.66	≤8.00	PASS
		2437	-20.26	≤8.00	PASS
		2452	-19.59	≤8.00	PASS

Note:

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

Test Graphs

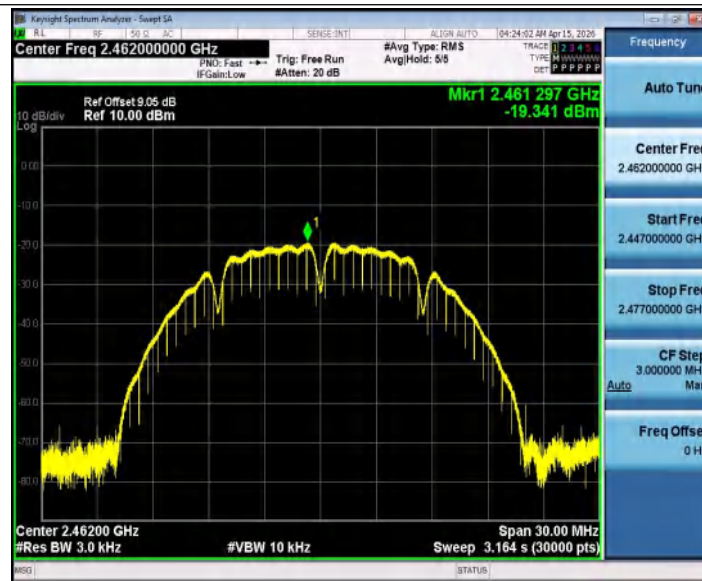
11B_Ant1_2412



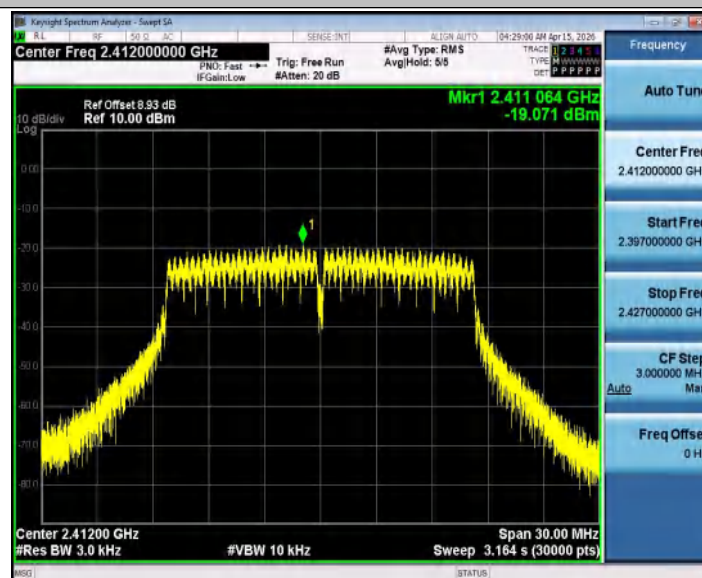
11B_Ant1_2437



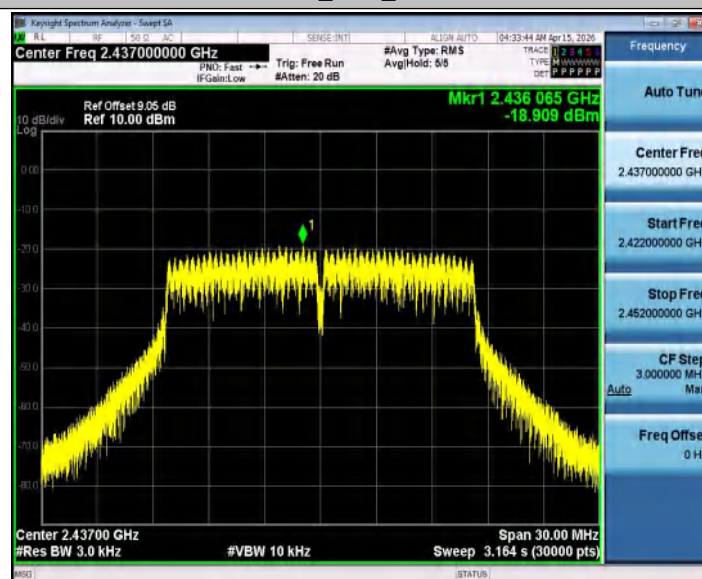
11B_Ant1_2462



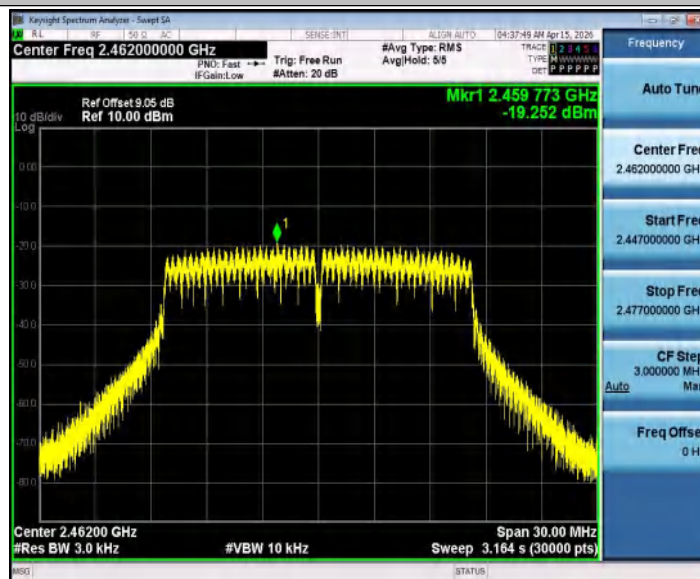
11G_Ant1_2412



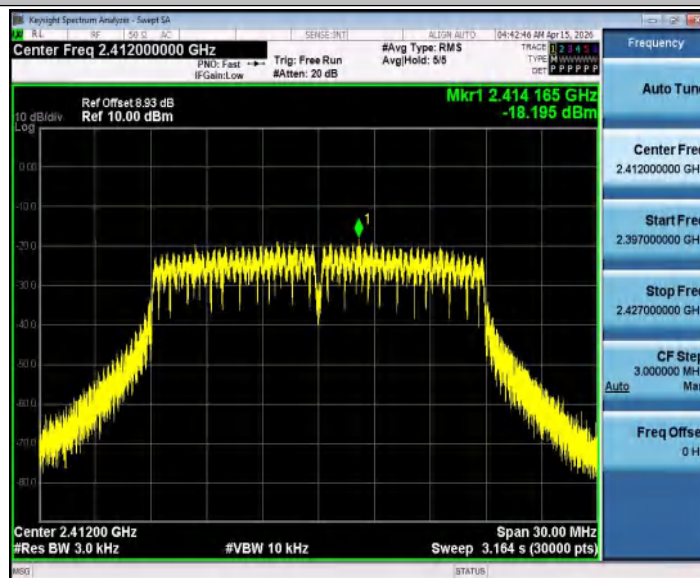
11G_Ant1_2437



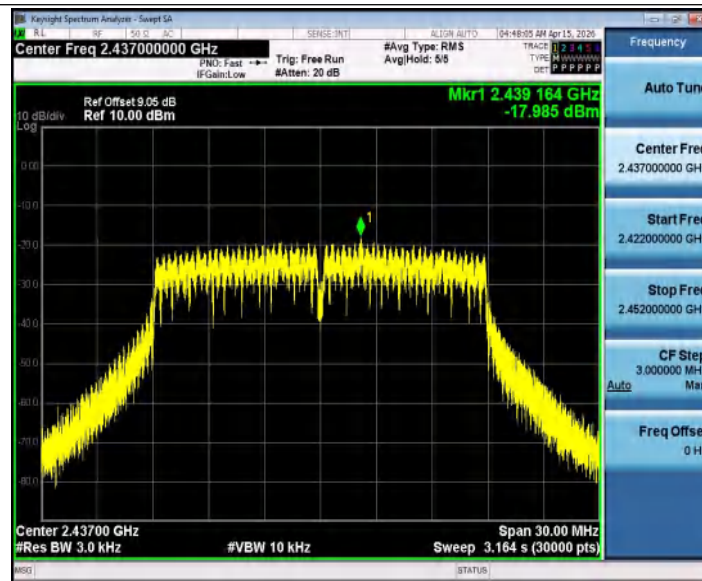
11G_Ant1_2462



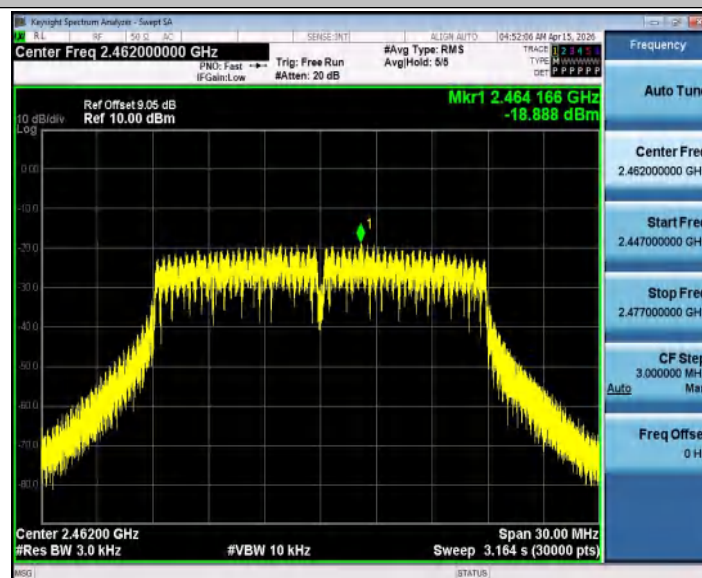
11N20SISO_Ant1_2412



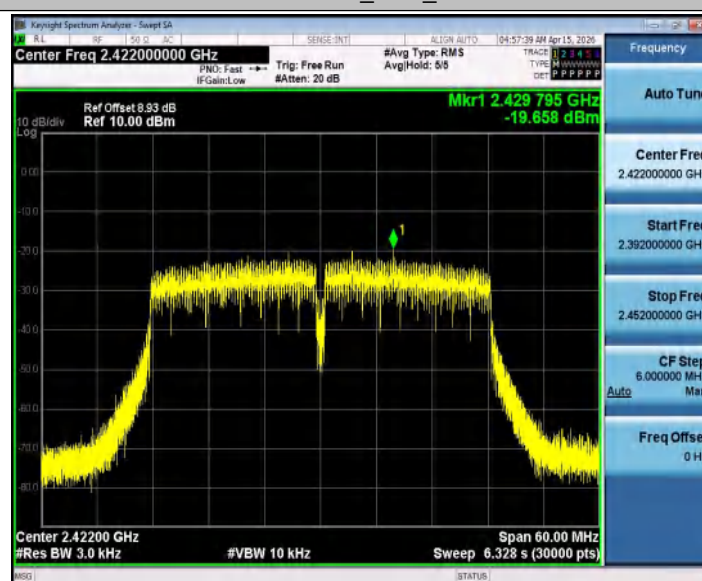
11N20SISO_Ant1_2437



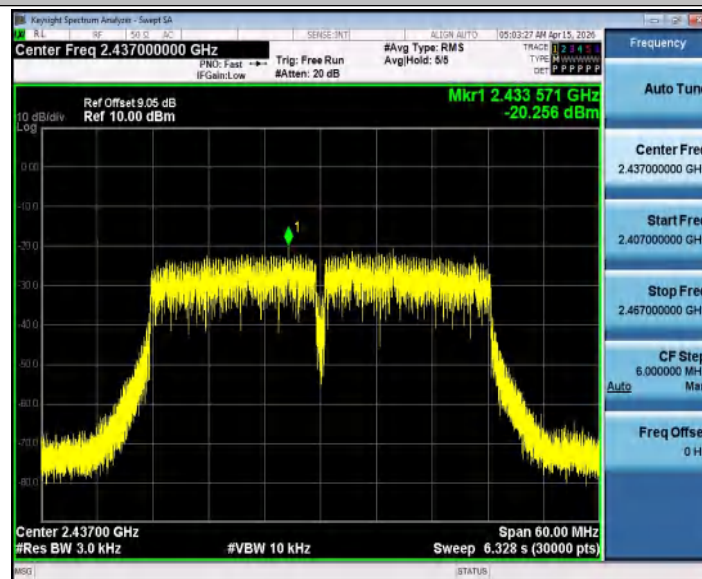
11N20SISO_Ant1_2462



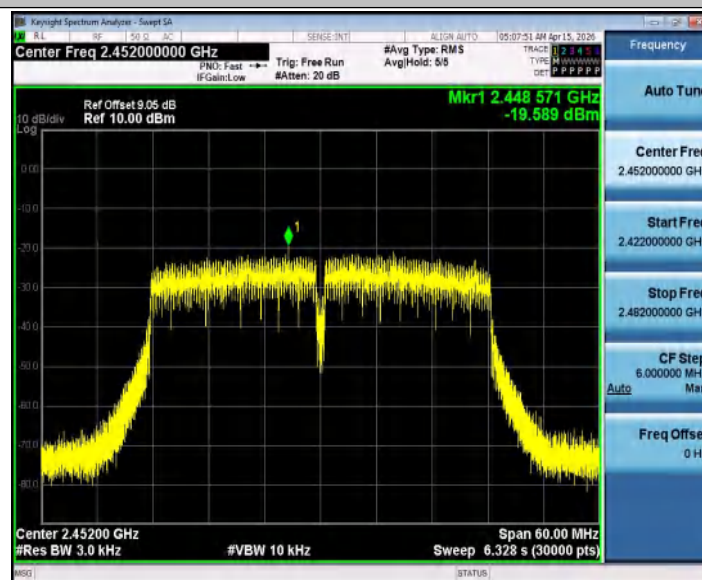
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



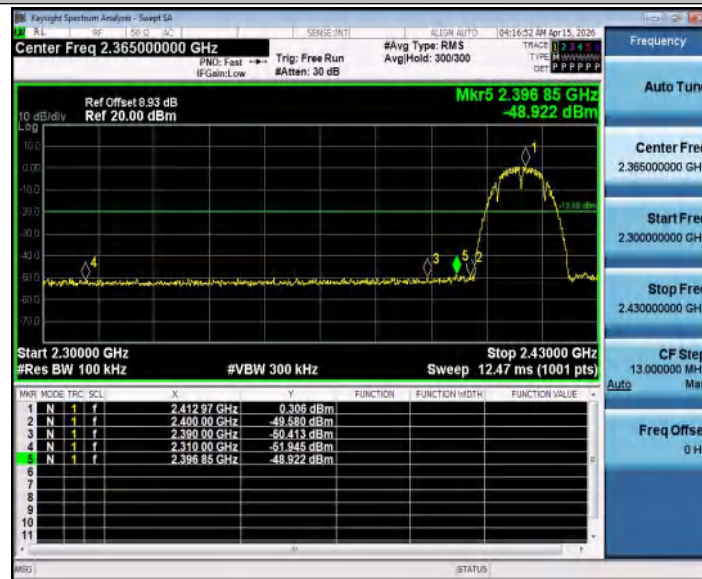
Appendix C.5: Band edge measurements

Test Result

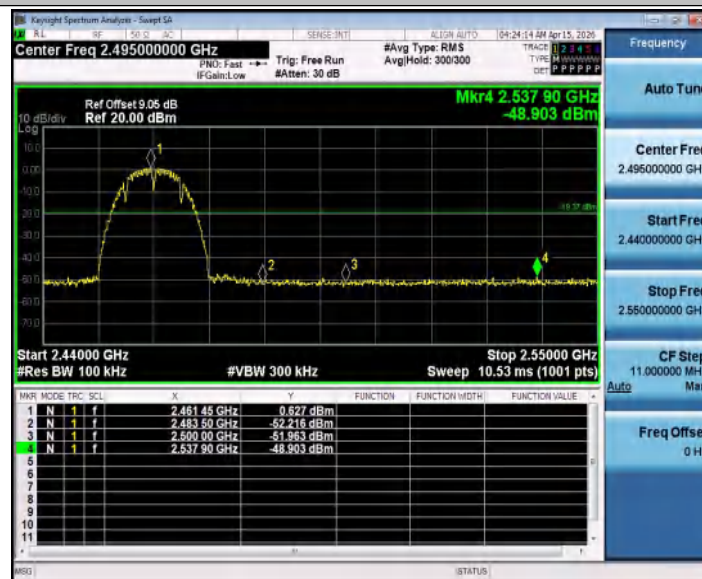
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.31	-48.92	≤-19.69	PASS
		High	2462	0.63	-48.9	≤-19.37	PASS
11G	Ant1	Low	2412	-4.99	-41.02	≤-24.99	PASS
		High	2462	-4.96	-49.05	≤-24.96	PASS
11N20SISO	Ant1	Low	2412	-4.81	-39.3	≤-24.81	PASS
		High	2462	-4.73	-48.33	≤-24.73	PASS
11N40SISO	Ant1	Low	2422	-8.00	-44.87	≤-28	PASS
		High	2452	-7.86	-47.64	≤-27.86	PASS

Test Graphs

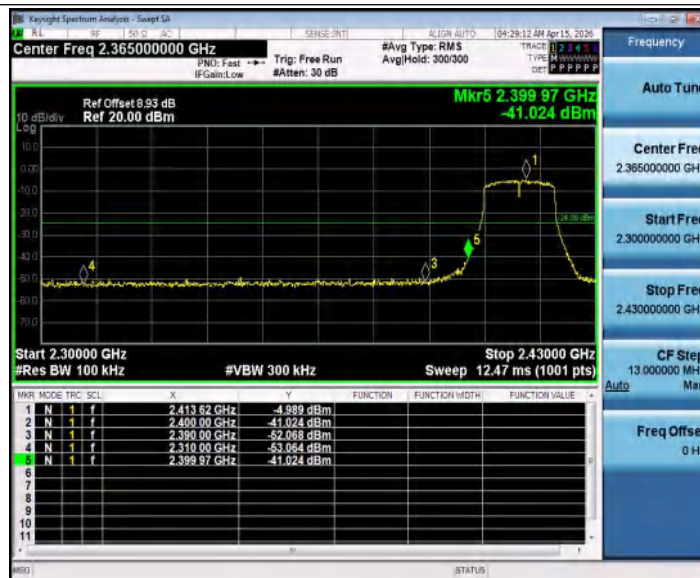
11B_Ant1_Low_2412



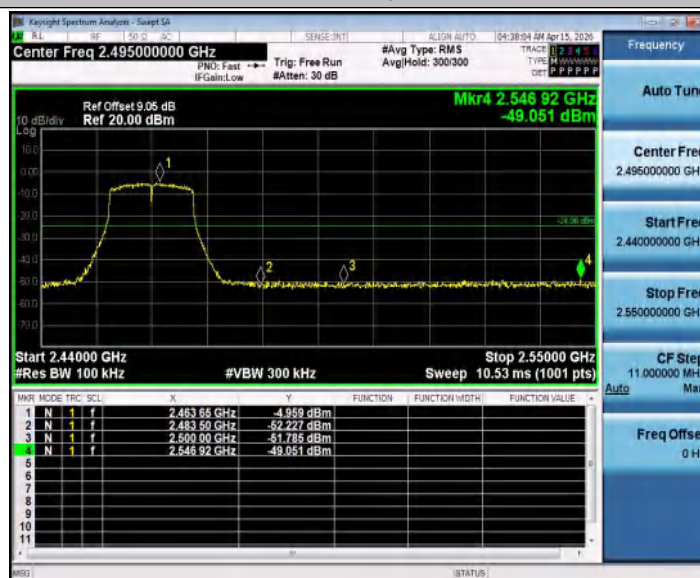
11B_Ant1_High_2462



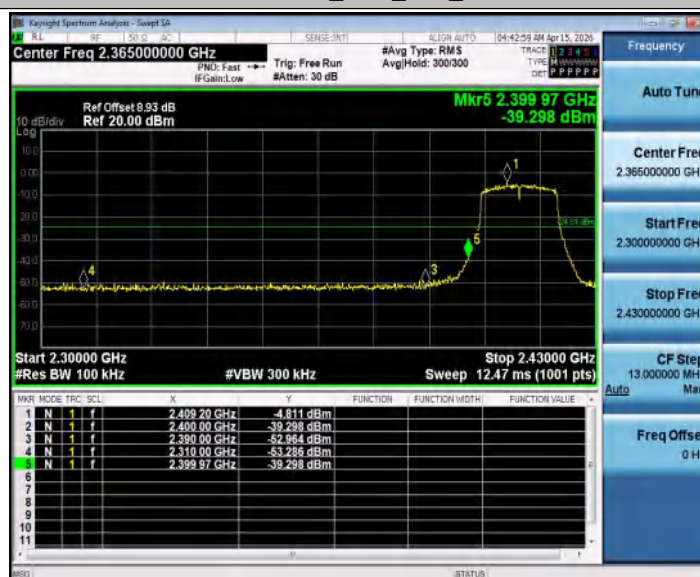
11G_Ant1_Low_2412



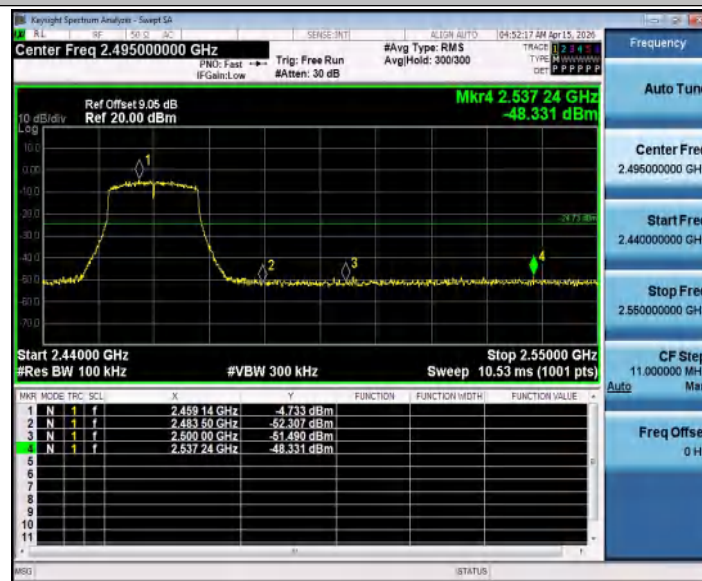
11G_Ant1_High_2462



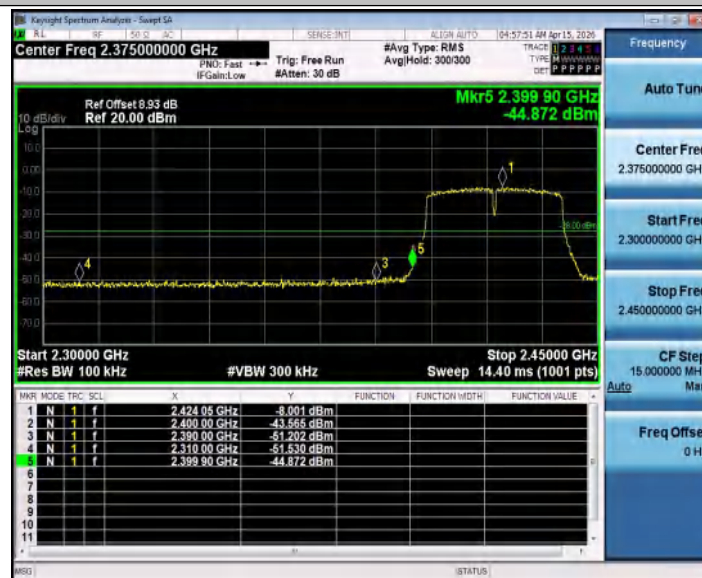
11N20SISO_Ant1_Low_2412



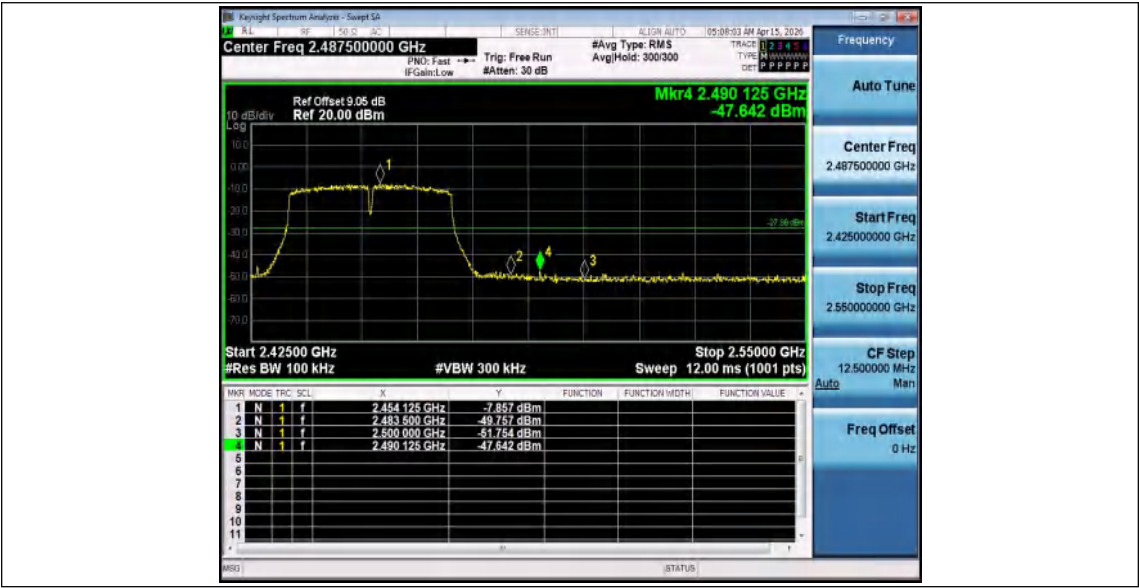
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.6: Conducted Spurious Emission

Test Result

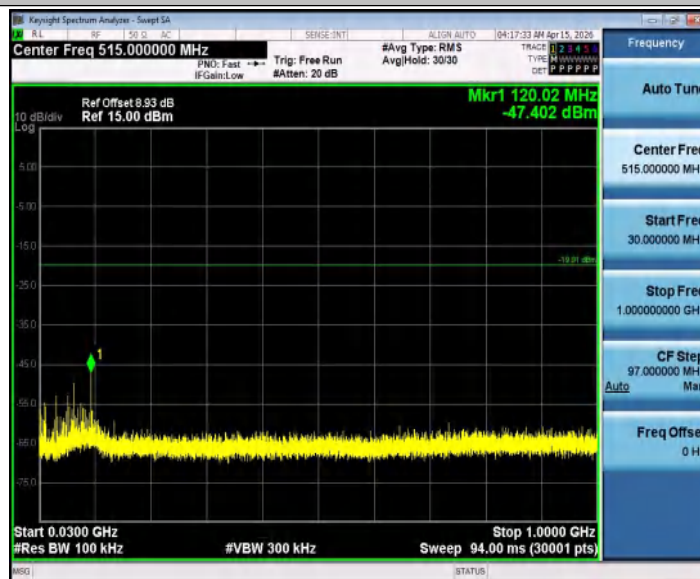
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	0.09	0.09	---	PASS
			30~1000	0.09	-47.4	≤-19.91	PASS
			1000~26500	0.09	-47.69	≤-19.91	PASS
		2437	Reference	0.12	0.12	---	PASS
			30~1000	0.12	-47.58	≤-19.88	PASS
			1000~26500	0.12	-47.56	≤-19.88	PASS
		2462	Reference	0.47	0.47	---	PASS
			30~1000	0.47	-47.98	≤-19.53	PASS
			1000~26500	0.47	-46.94	≤-19.53	PASS
11G	Ant1	2412	Reference	-5.59	-5.59	---	PASS
			30~1000	-5.59	-46.62	≤-25.59	PASS
			1000~26500	-5.59	-48.06	≤-25.59	PASS
		2437	Reference	-4.96	-4.96	---	PASS
			30~1000	-4.96	-46.66	≤-24.96	PASS
			1000~26500	-4.96	-47.69	≤-24.96	PASS
		2462	Reference	-5.80	-5.80	---	PASS
			30~1000	-5.80	-46.38	≤-25.8	PASS
			1000~26500	-5.80	-47.91	≤-25.8	PASS
11N20SISO	Ant1	2412	Reference	-5.69	-5.69	---	PASS
			30~1000	-5.69	-47.09	≤-25.69	PASS
			1000~26500	-5.69	-47.42	≤-25.69	PASS
		2437	Reference	-5.45	-5.45	---	PASS
			30~1000	-5.45	-46.82	≤-25.45	PASS
			1000~26500	-5.45	-47.09	≤-25.45	PASS
		2462	Reference	-5.44	-5.44	---	PASS
			30~1000	-5.44	-46.07	≤-25.44	PASS
			1000~26500	-5.44	-47.14	≤-25.44	PASS
11N40SISO	Ant1	2422	Reference	-8.68	-8.68	---	PASS
			30~1000	-8.68	-47.05	≤-28.68	PASS
			1000~26500	-8.68	-47.76	≤-28.68	PASS
		2437	Reference	-8.84	-8.84	---	PASS
			30~1000	-8.84	-46.7	≤-28.84	PASS
			1000~26500	-8.84	-47.37	≤-28.84	PASS
		2452	Reference	-8.38	-8.38	---	PASS
			30~1000	-8.38	-46.51	≤-28.38	PASS
			1000~26500	-8.38	-46.58	≤-28.38	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



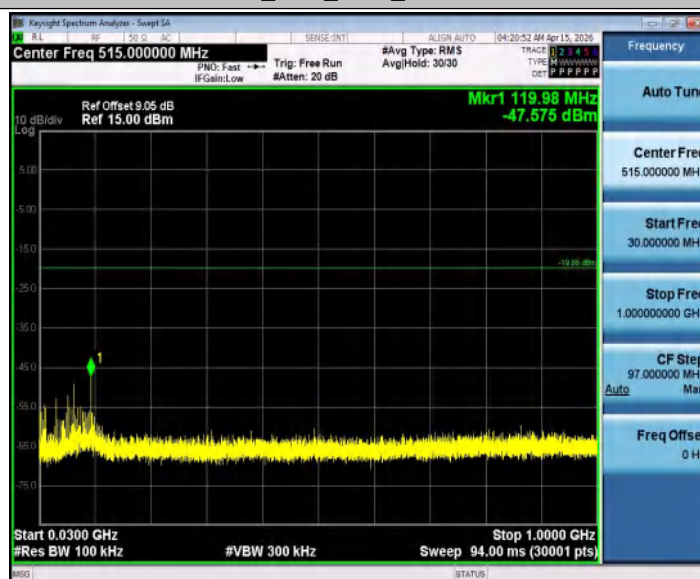
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



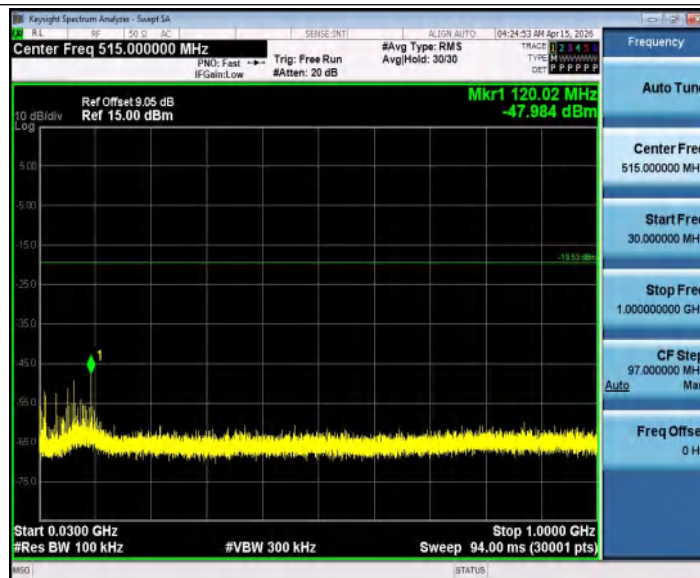
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



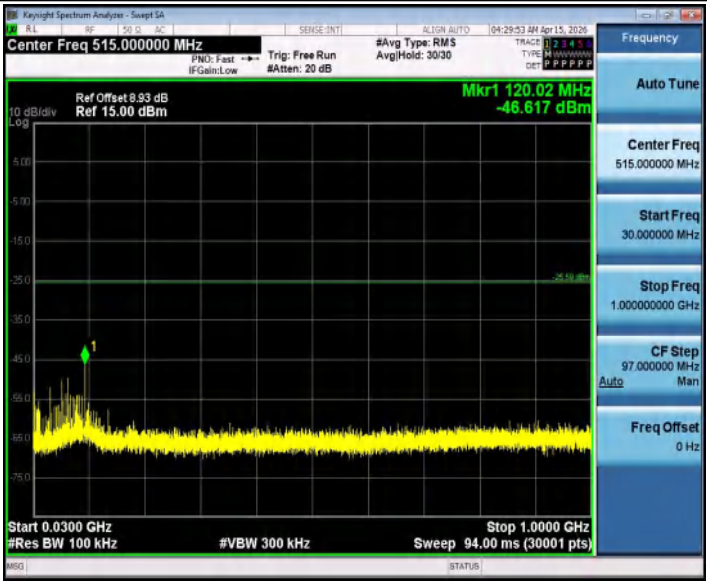
11B_Ant1_2462_1000~26500



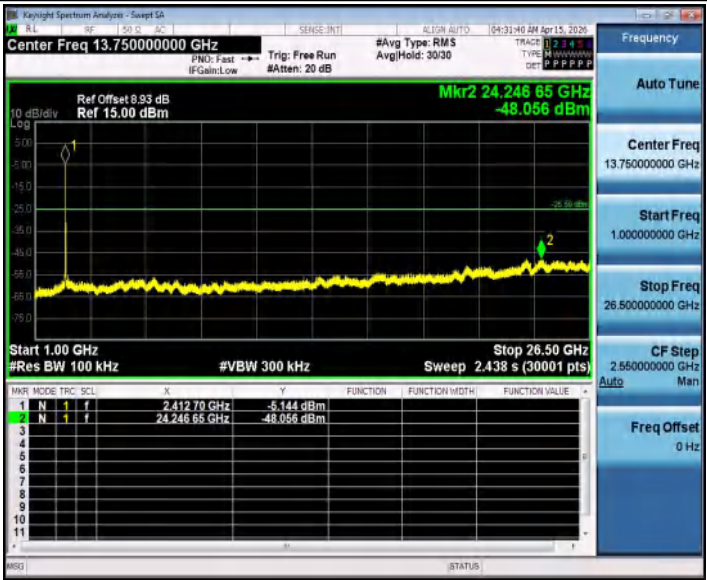
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



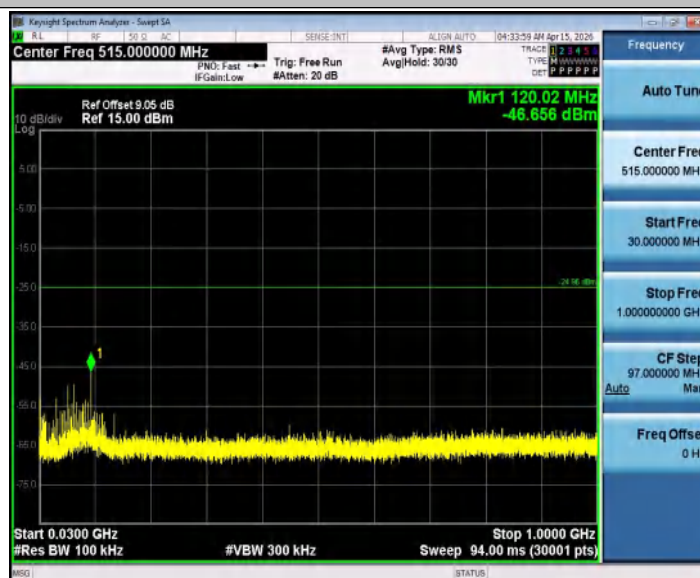
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



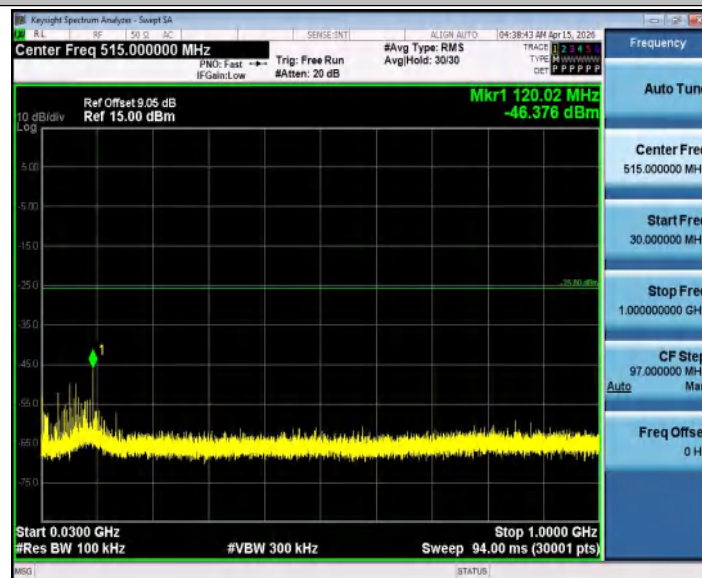
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



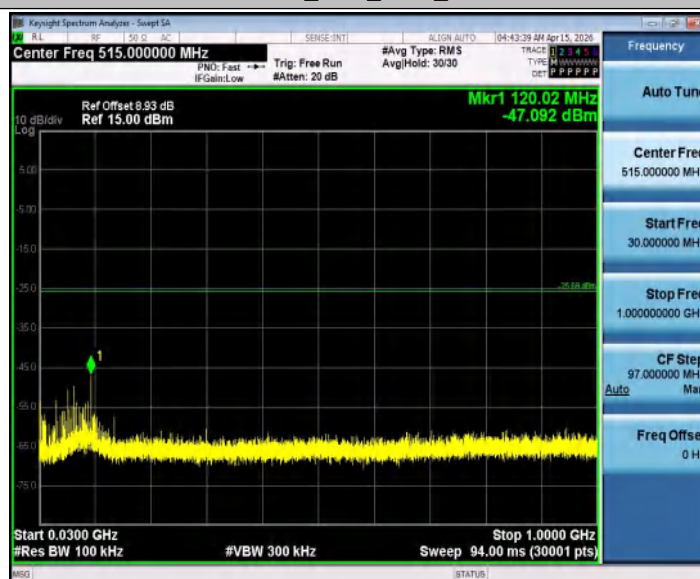
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



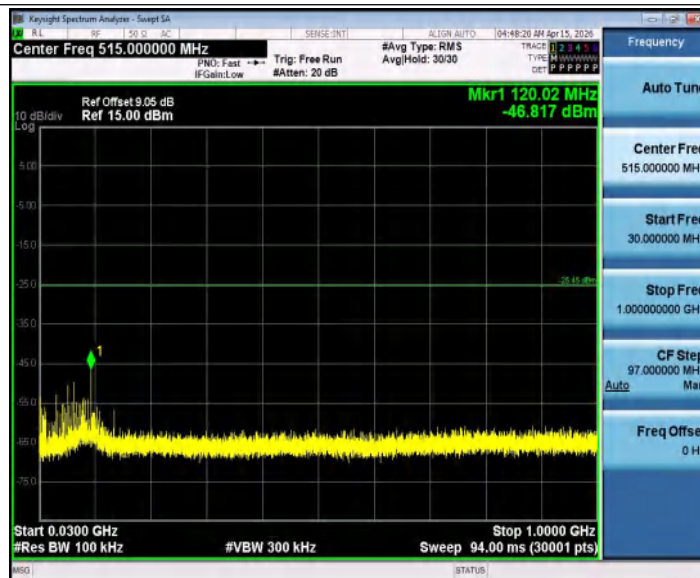
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



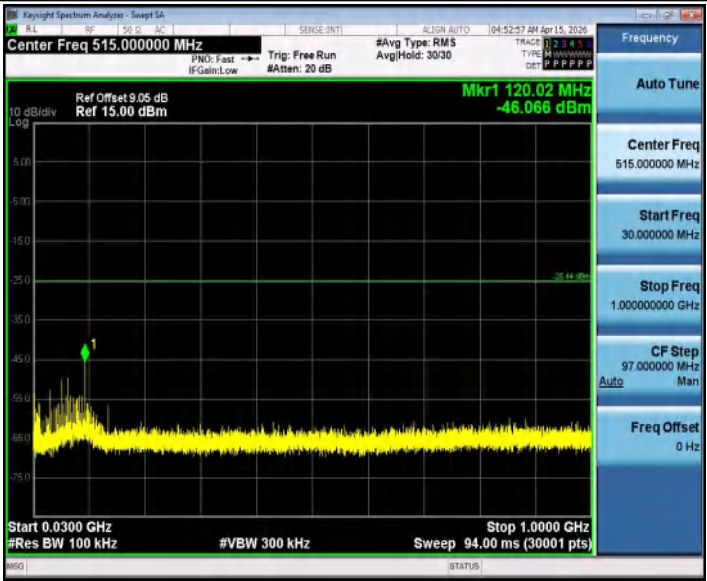
11N20SISO_Ant1_2437_1000~26500



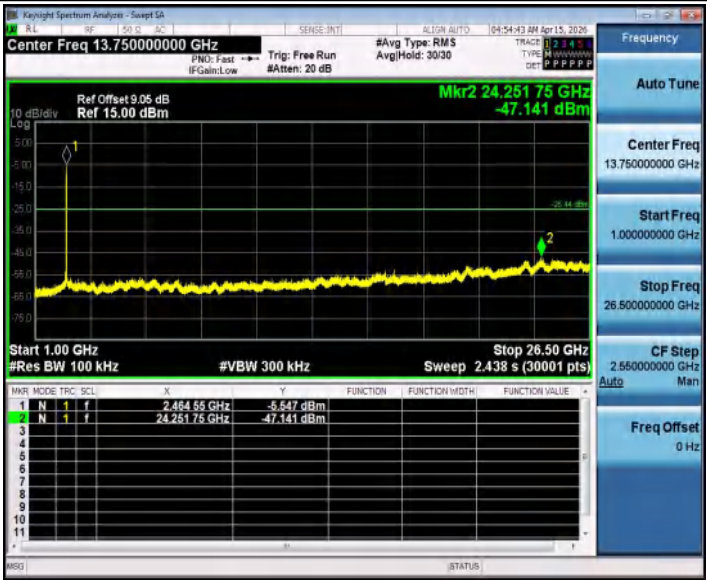
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



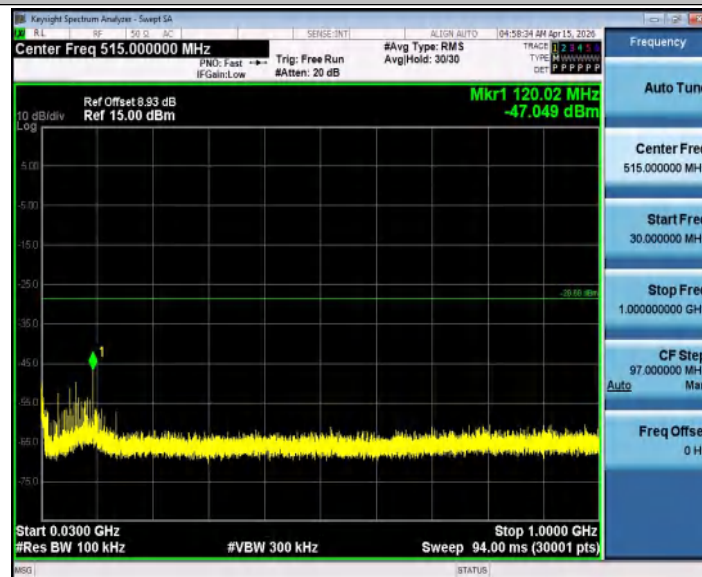
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



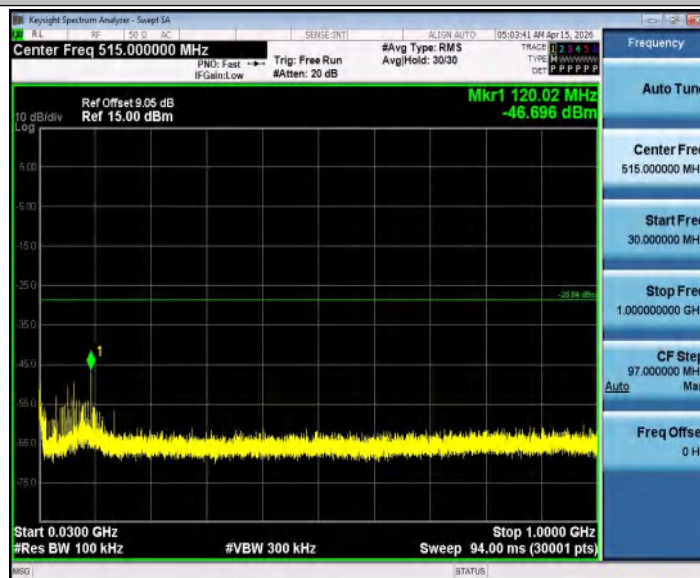
11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



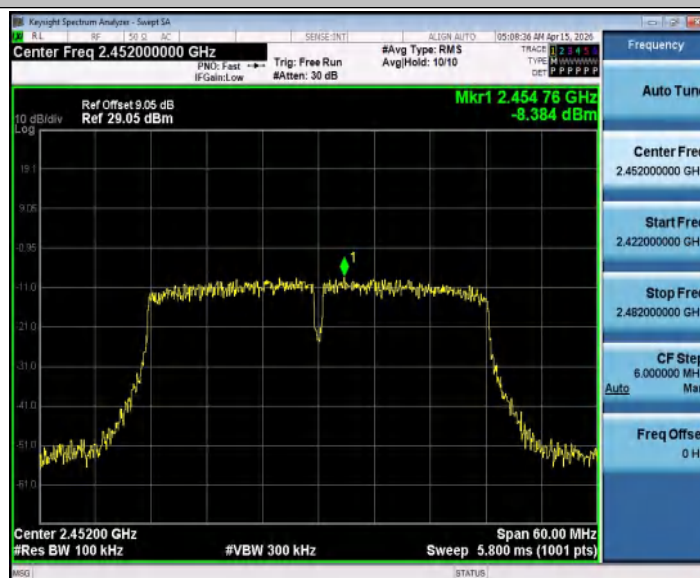
11N40SISO_Ant1_2437_30~1000



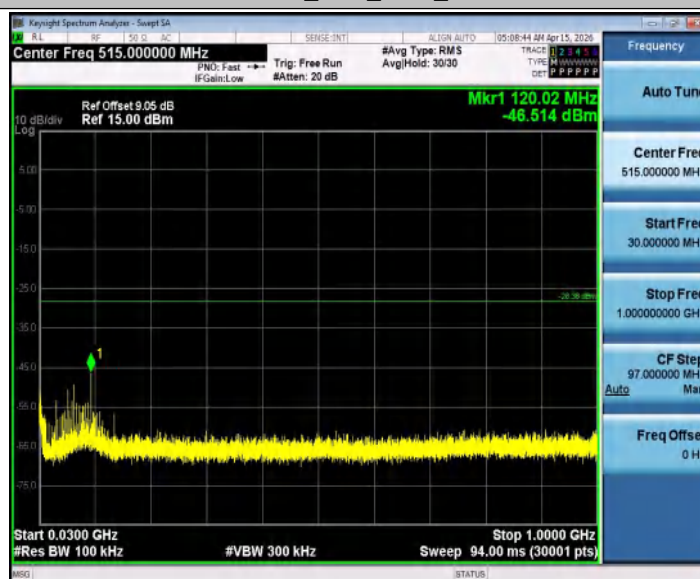
11N40SISO_Ant1_2437_1000~26500

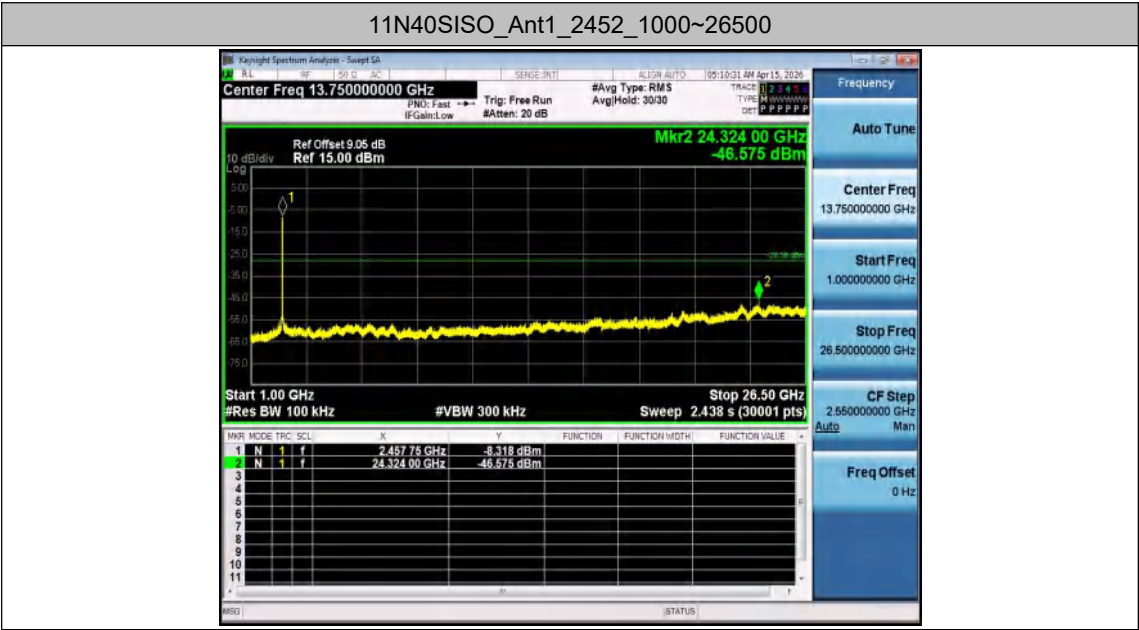


11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



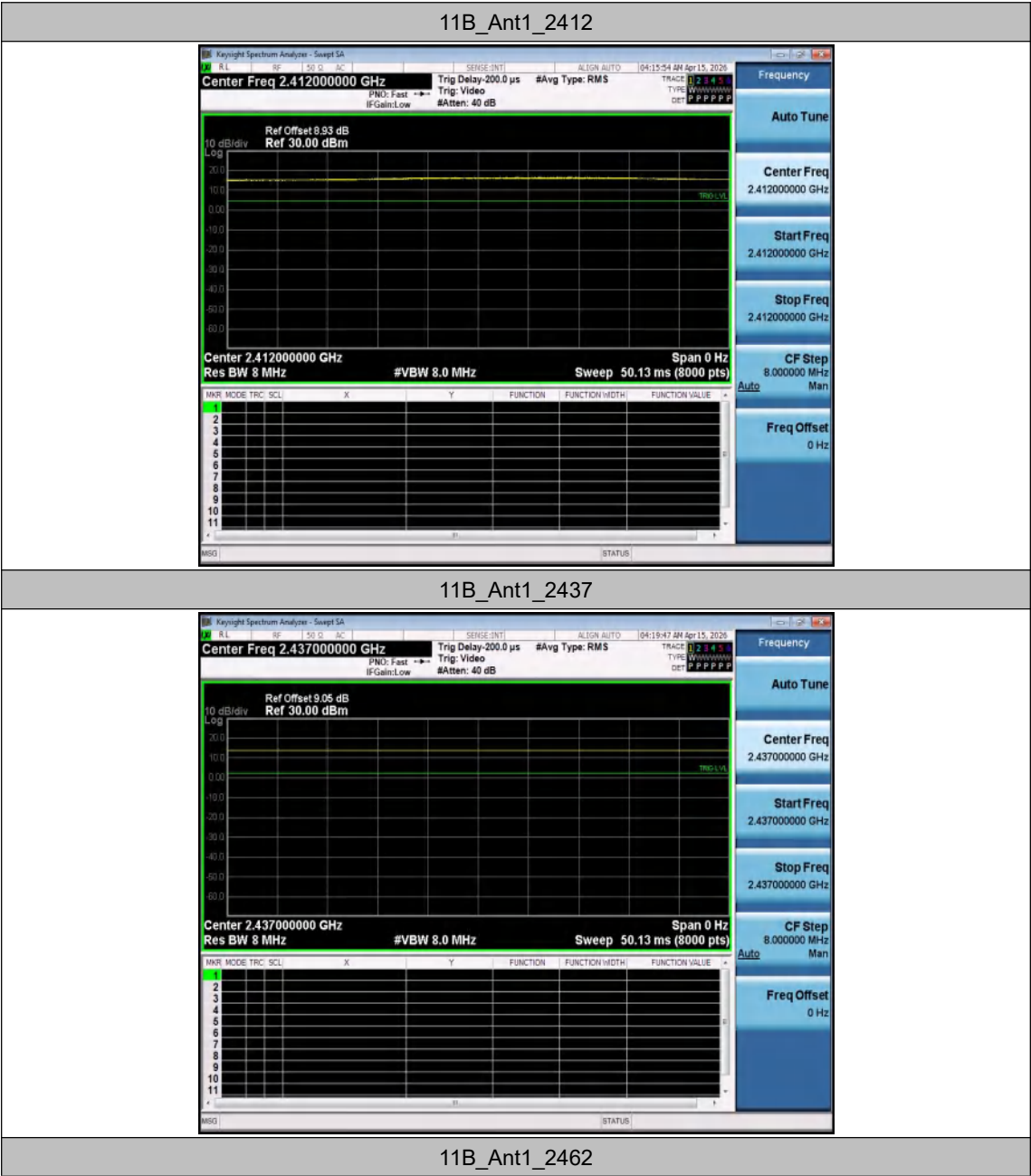


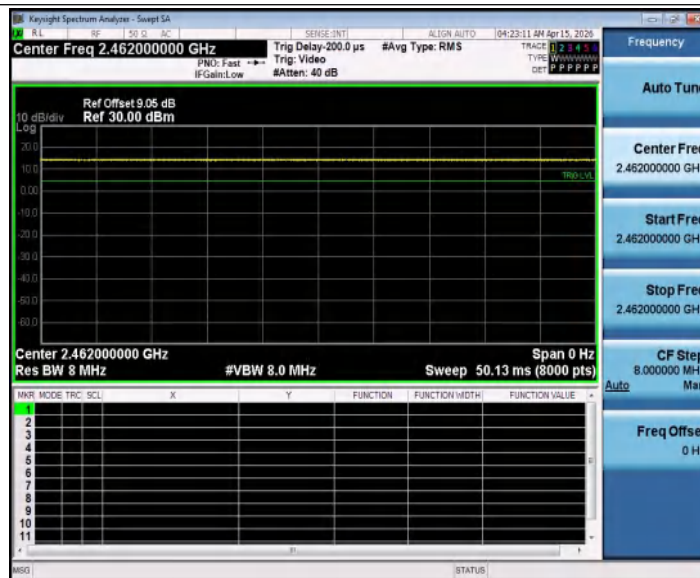
Appendix C.7: Duty Cycle

Test Result

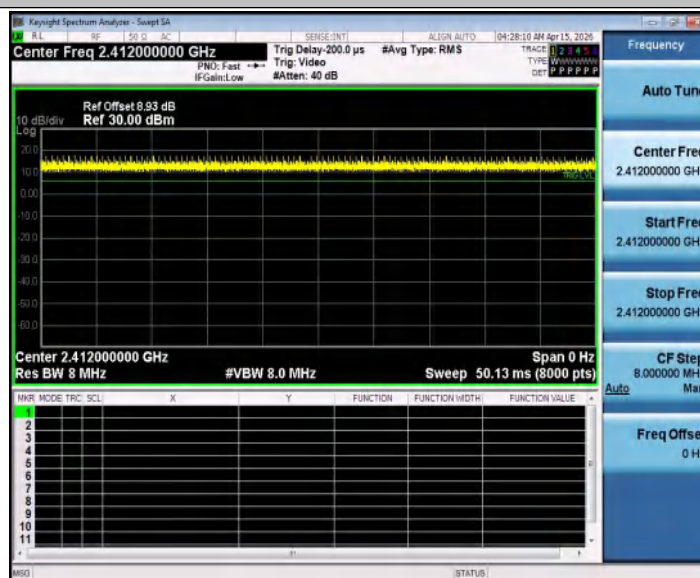
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant1	2412	50.00	50.00	100.00	0.00	0.02
		2437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

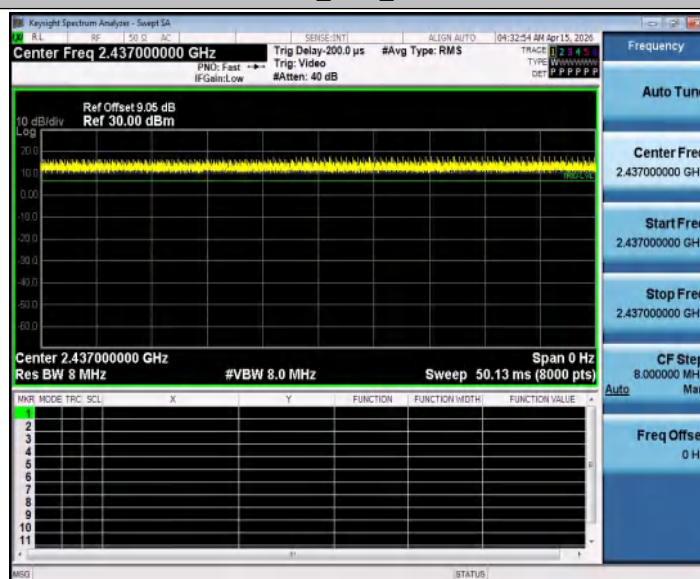




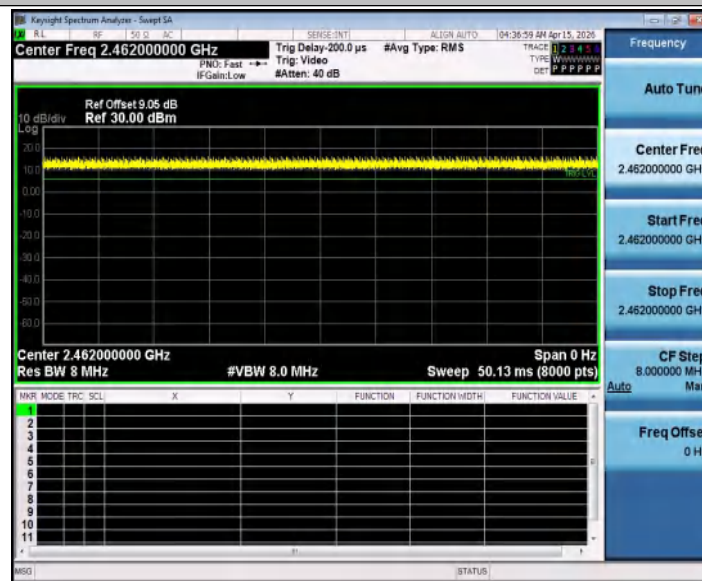
11G_Ant1_2412



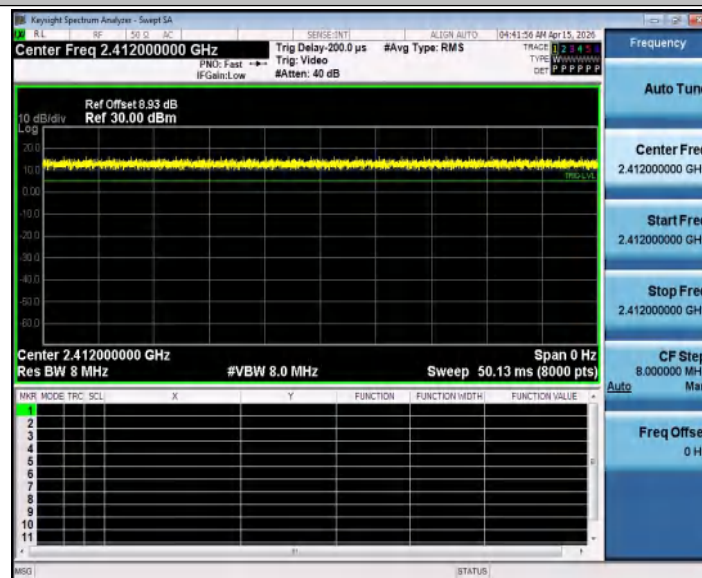
11G_Ant1_2437



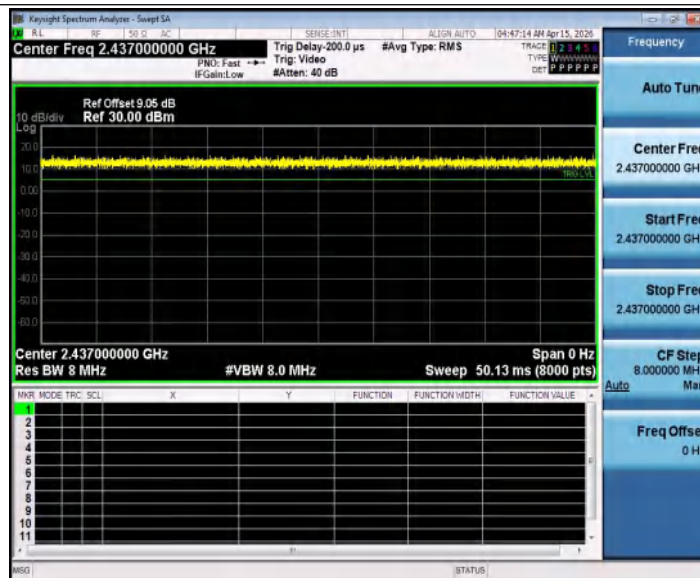
11G_Ant1_2462



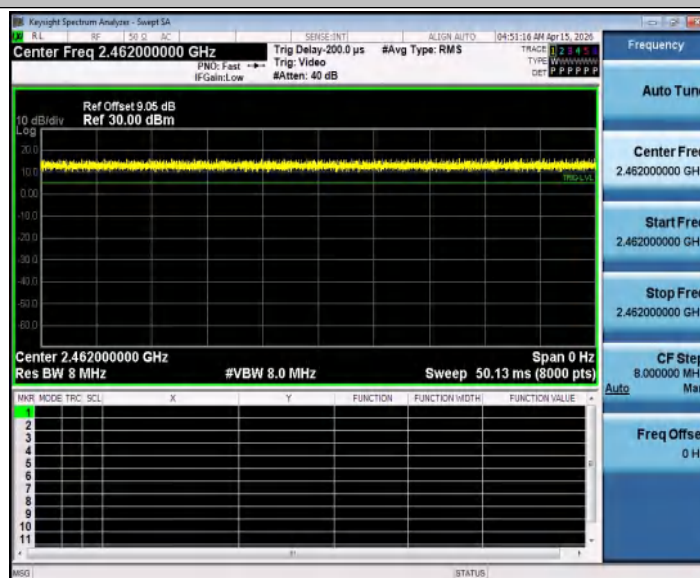
11N20SISO_Ant1_2412



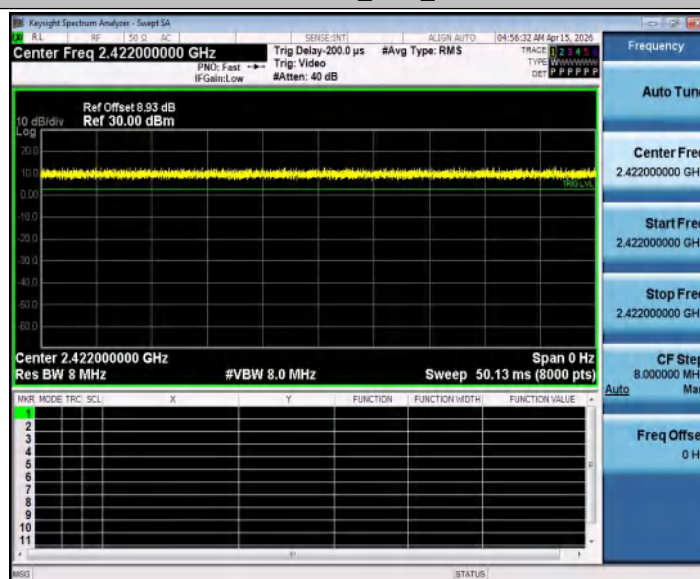
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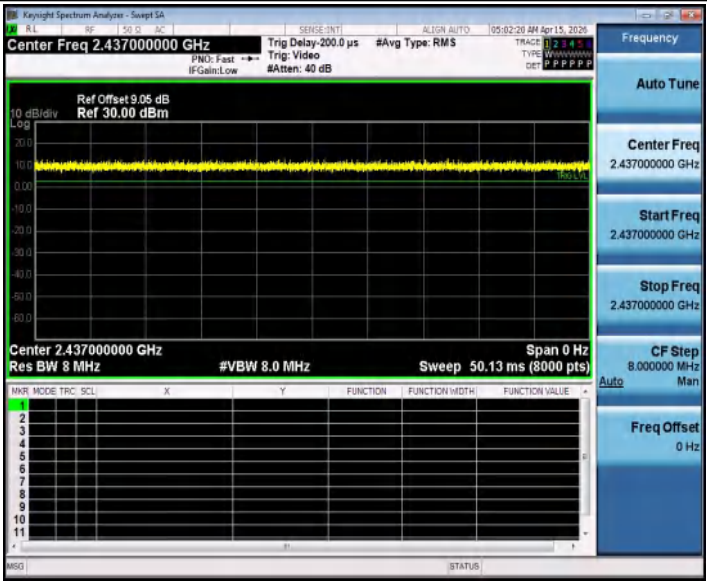
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

