

Case No. : <u>GTS20250530022-5-03</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.6.17</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	Ant2	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant2	2412	10.960	2406.360	2417.320	0.5	PASS
		2437	13.160	2431.400	2444.560	0.5	PASS
		2462	13.120	2454.560	2467.680	0.5	PASS
11N20SISO	Ant2	2412	14.440	2405.120	2419.560	0.5	PASS
		2437	15.800	2429.120	2444.920	0.5	PASS
		2462	10.440	2456.600	2467.040	0.5	PASS
11N40SISO	Ant2	2422	35.360	2404.560	2439.920	0.5	PASS
		2437	32.560	2421.960	2454.520	0.5	PASS
		2452	35.280	2434.480	2469.760	0.5	PASS
11AX20SISO	Ant2	2412	17.640	2403.560	2421.200	0.5	PASS
		2437	15.720	2430.400	2446.120	0.5	PASS
		2462	15.040	2454.480	2469.520	0.5	PASS
11AX40SISO	Ant2	2422	33.360	2407.040	2440.400	0.5	PASS
		2437	35.760	2419.560	2455.320	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs





11G_Ant2_2412



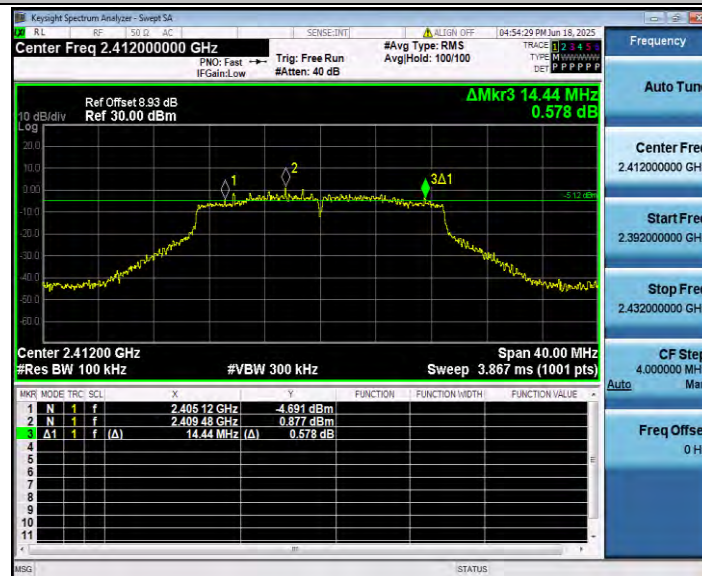
11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



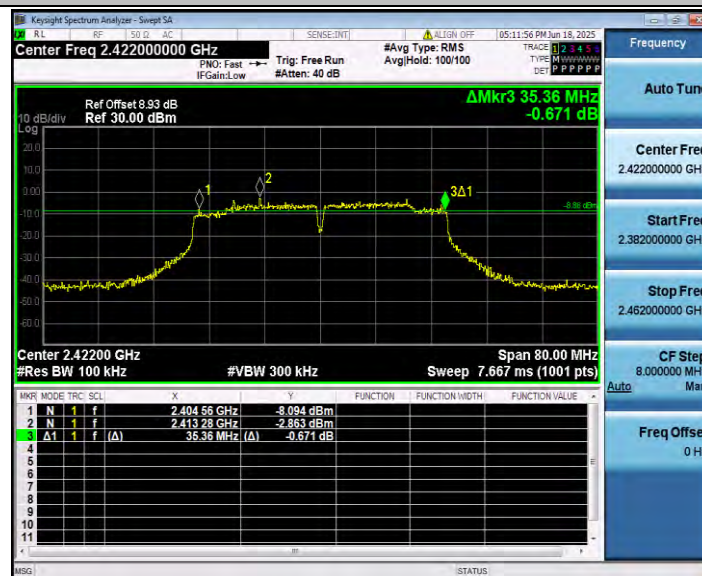
11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



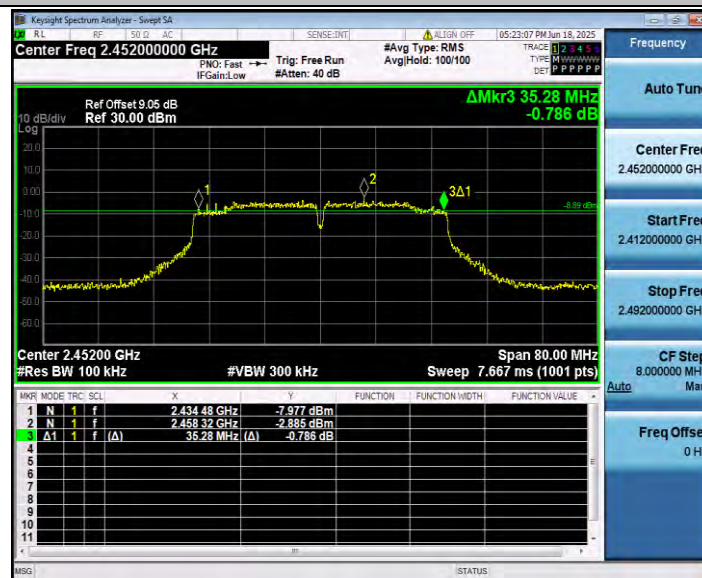
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



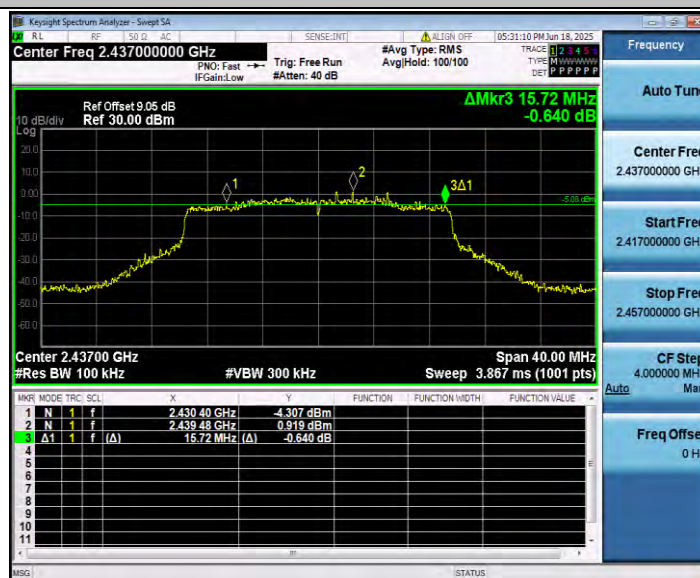
11N40SISO_Ant2_2452



11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



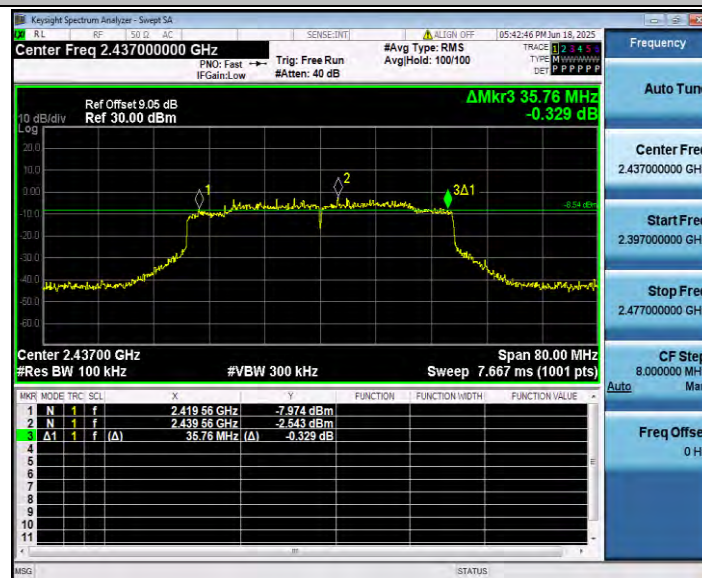
11AX20SISO_Ant2_2462



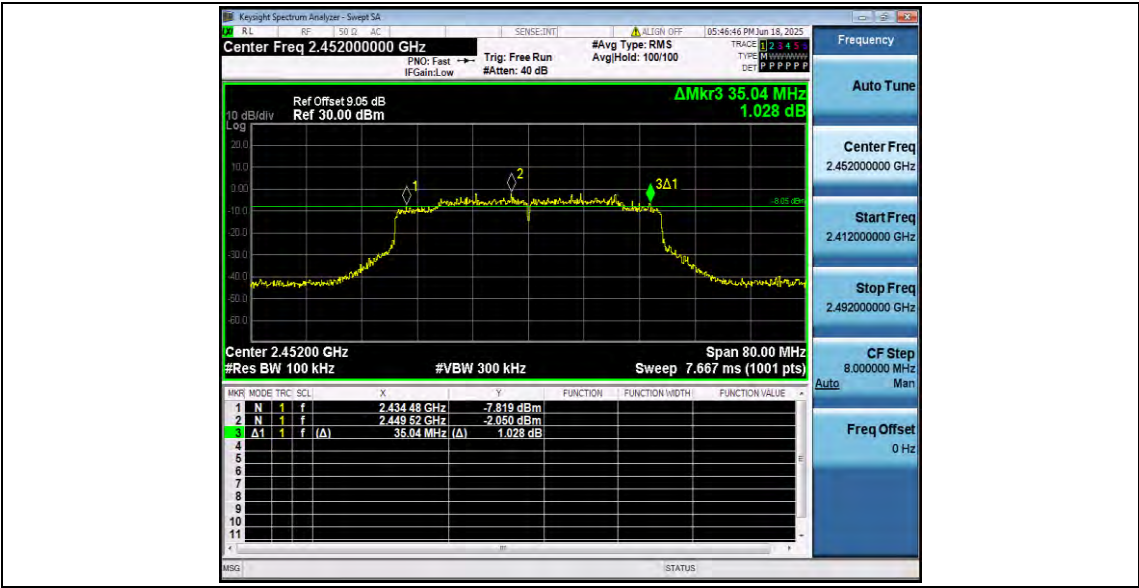
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



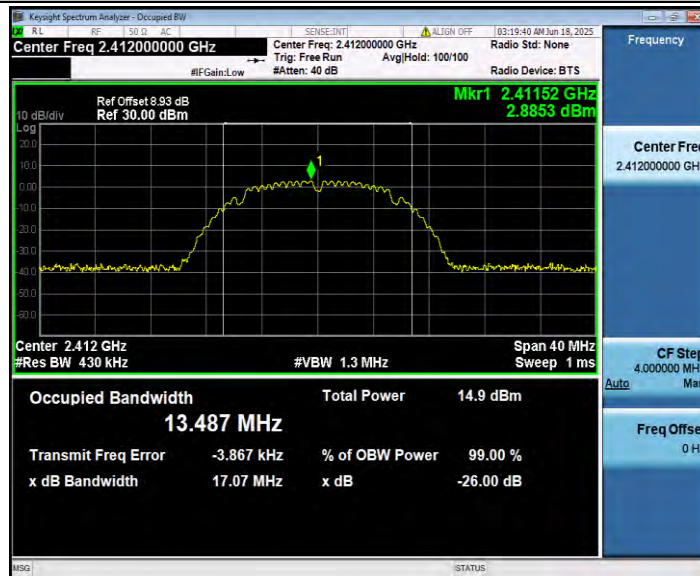
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.487	2405.2526	2418.7396	---	---
		2437	13.509	2430.2632	2443.7722	---	---
		2462	13.472	2455.2510	2468.7230	---	---
11G	Ant2	2412	16.923	2403.5537	2420.4767	---	---
		2437	16.981	2428.5491	2445.5301	---	---
		2462	16.791	2453.6057	2470.3967	---	---
11N20SISO	Ant2	2412	17.893	2403.0792	2420.9722	---	---
		2437	17.963	2428.0083	2445.9713	---	---
		2462	17.940	2453.0310	2470.9710	---	---
11N40SISO	Ant2	2422	36.076	2404.1407	2440.2167	---	---
		2437	36.193	2419.0141	2455.2071	---	---
		2452	35.961	2434.0900	2470.0510	---	---
11AX20SISO	Ant2	2412	18.919	2402.5246	2421.4436	---	---
		2437	19.017	2427.5286	2446.5456	---	---
		2462	18.978	2452.5511	2471.5291	---	---
11AX40SISO	Ant2	2422	37.474	2403.4244	2440.8984	---	---
		2437	37.629	2418.3222	2455.9512	---	---
		2452	37.467	2433.3715	2470.8385	---	---

Test Graphs

11B_Ant2_2412



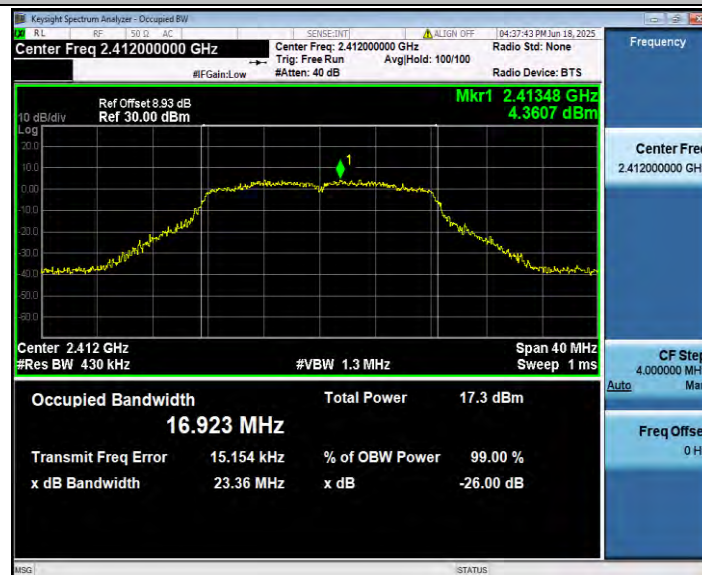
11B_Ant2_2437



11B_Ant2_2462



11G_Ant2_2412



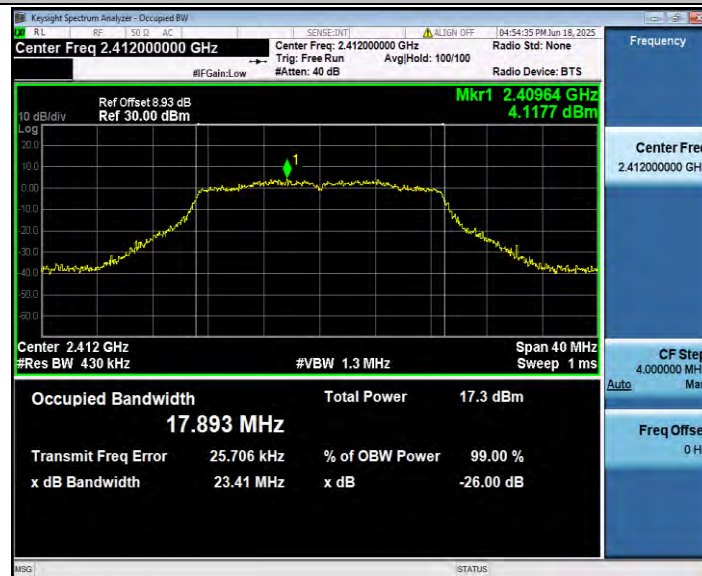
11G_Ant2_2437



11G_Ant2_2462



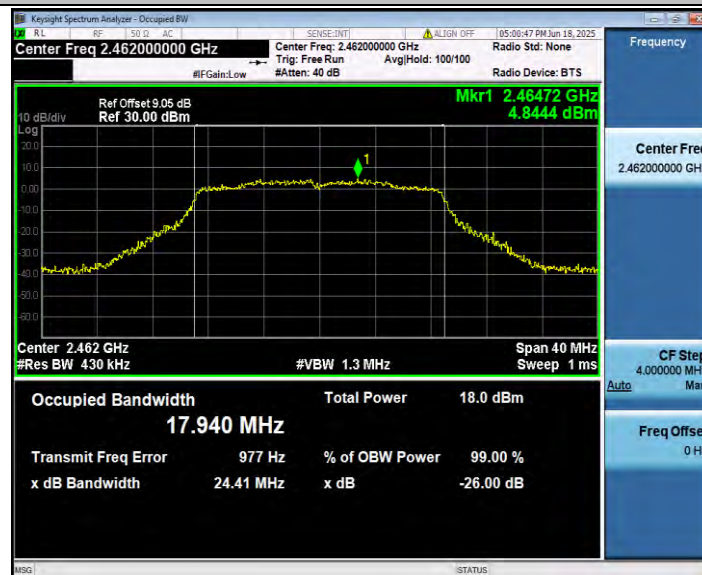
11N20SISO_Ant2_2412



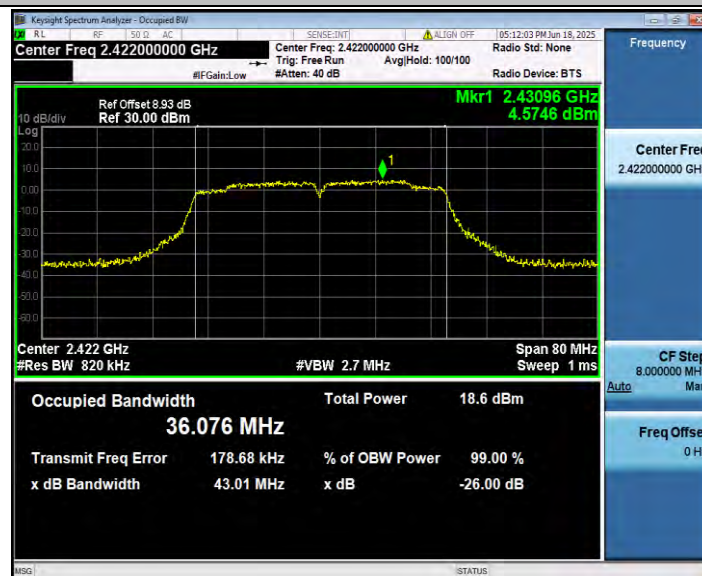
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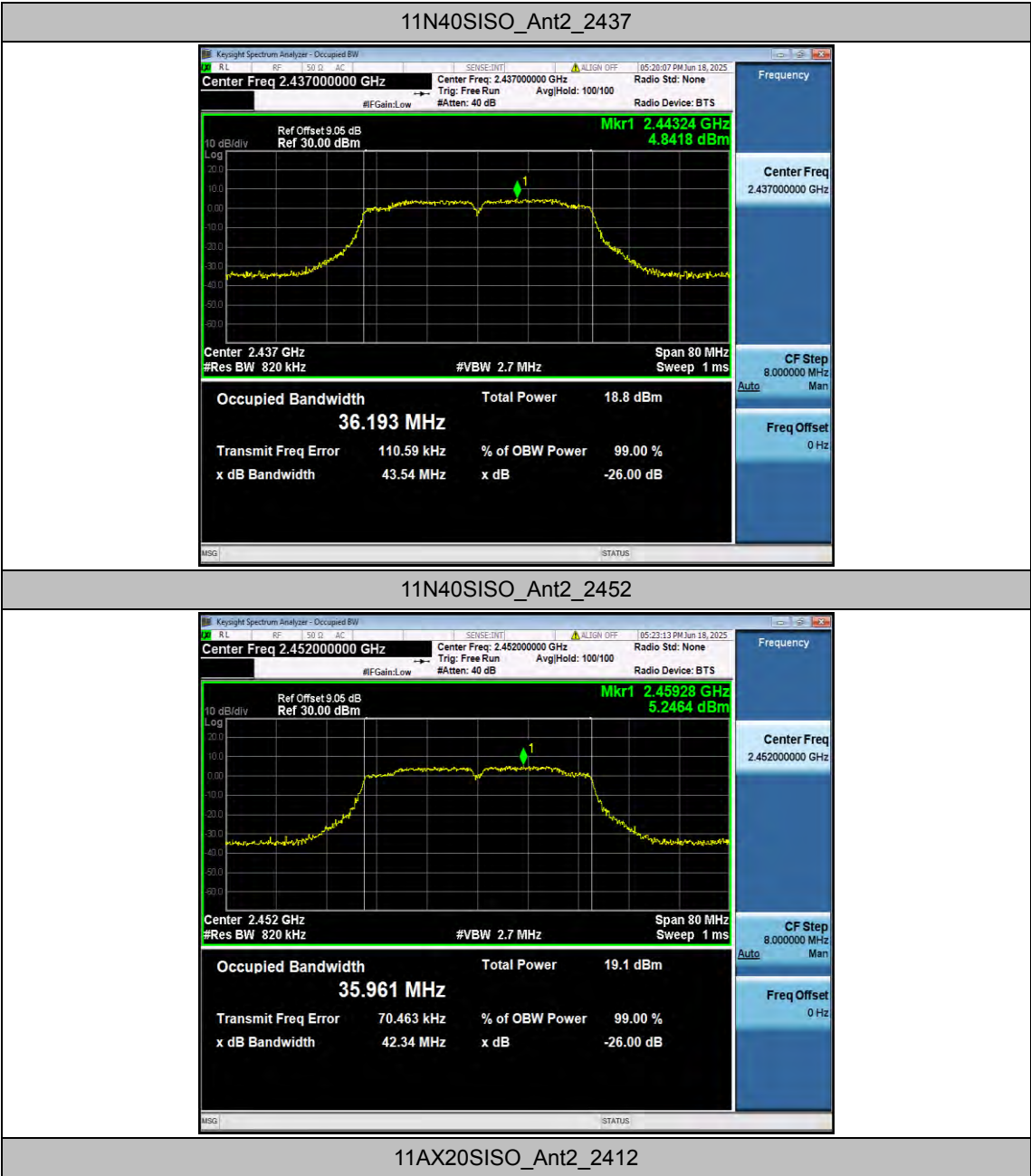


11N20SISO_Ant2_2462



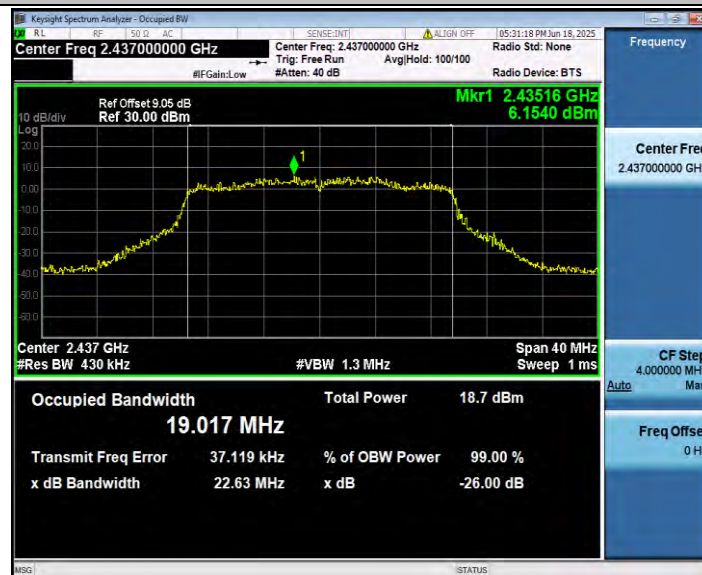
11N40SISO_Ant2_2422



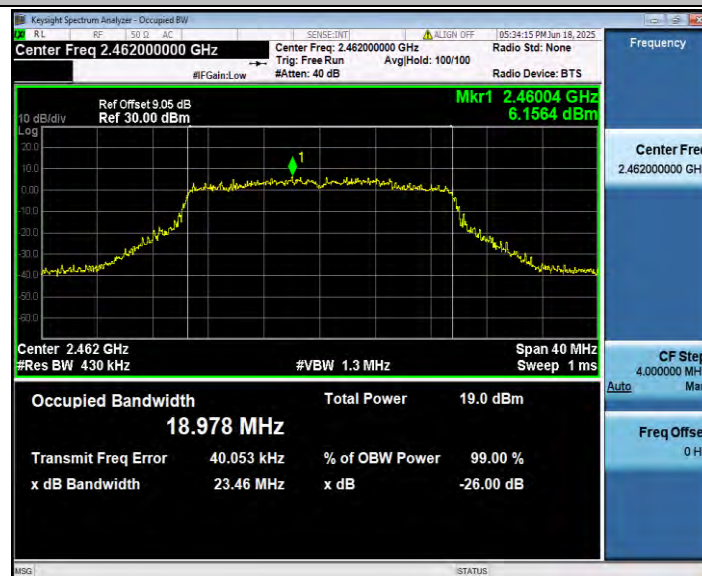




11AX20SISO_Ant2_2437



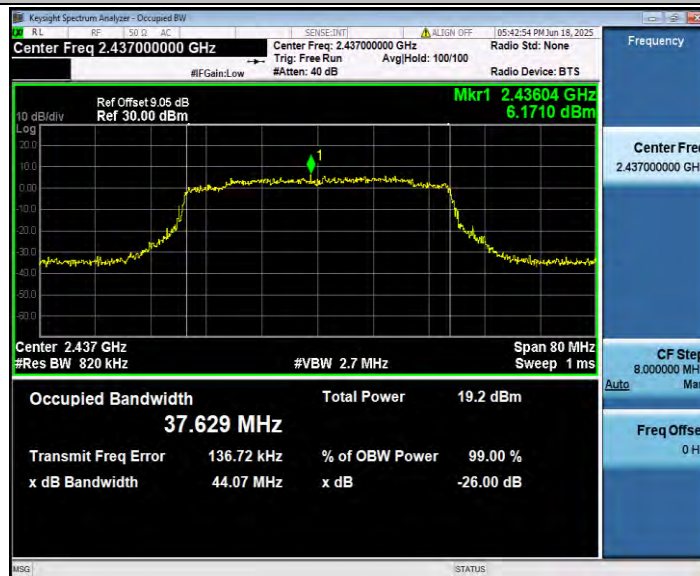
11AX20SISO_Ant2_2462



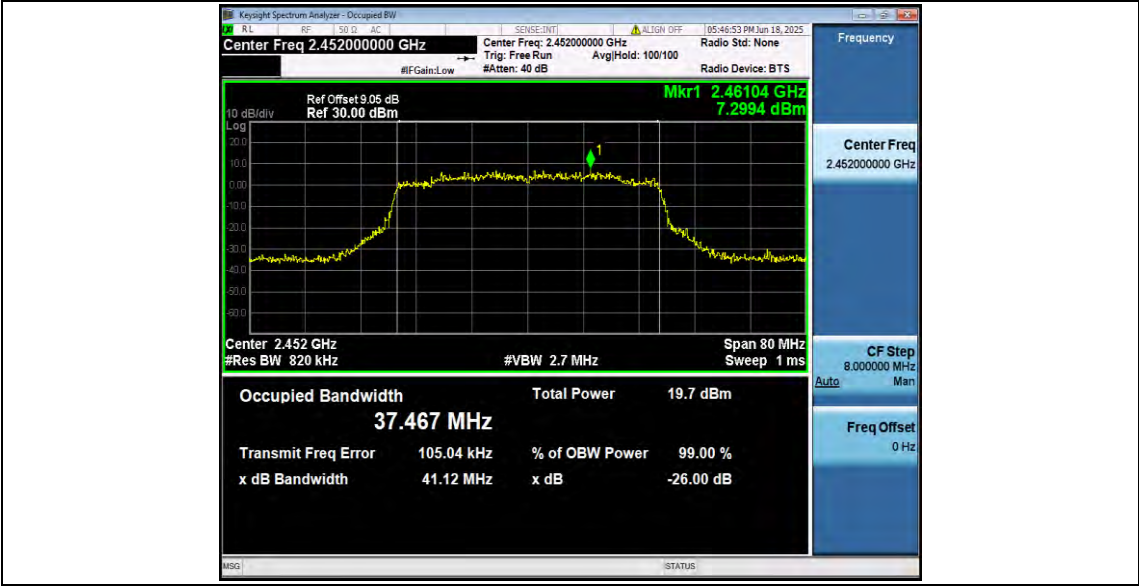
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	14.91	≤30.00	PASS
		2437	15.07	≤30.00	PASS
		2462	14.84	≤30.00	PASS
11G	Ant2	2412	18.31	≤30.00	PASS
		2437	18.63	≤30.00	PASS
		2462	19.07	≤30.00	PASS
11N20SISO	Ant2	2412	18.38	≤30.00	PASS
		2437	18.63	≤30.00	PASS
		2462	18.98	≤30.00	PASS
11N40SISO	Ant2	2422	18.82	≤30.00	PASS
		2437	19.14	≤30.00	PASS
		2452	19.30	≤30.00	PASS
11AX20SISO	Ant2	2412	18.69	≤30.00	PASS
		2437	18.93	≤30.00	PASS
		2462	19.59	≤30.00	PASS
11AX40SISO	Ant2	2422	19.09	≤30.00	PASS
		2437	19.32	≤30.00	PASS
		2452	19.63	≤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	Ant2	2412	-11.70	≤8.00	PASS
		2437	-10.40	≤8.00	PASS
		2462	-11.73	≤8.00	PASS
11G	Ant2	2412	-13.28	≤8.00	PASS
		2437	-13.10	≤8.00	PASS
		2462	-11.98	≤8.00	PASS
11N20SISO	Ant2	2412	-13.84	≤8.00	PASS
		2437	-13.51	≤8.00	PASS
		2462	-11.86	≤8.00	PASS
11N40SISO	Ant2	2422	-16.51	≤8.00	PASS
		2437	-15.99	≤8.00	PASS
		2452	-14.44	≤8.00	PASS
11AX20SISO	Ant2	2412	-14.78	≤8.00	PASS
		2437	-14.58	≤8.00	PASS
		2462	-13.88	≤8.00	PASS
11AX40SISO	Ant2	2422	-17.01	≤8.00	PASS
		2437	-16.63	≤8.00	PASS
		2452	-16.49	≤8.00	PASS

Test Graphs

11B_Ant2_2412



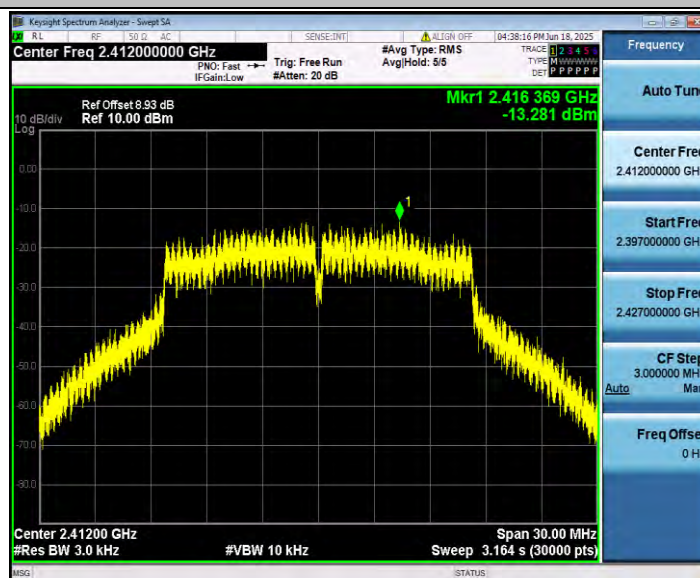
11B_Ant2_2437



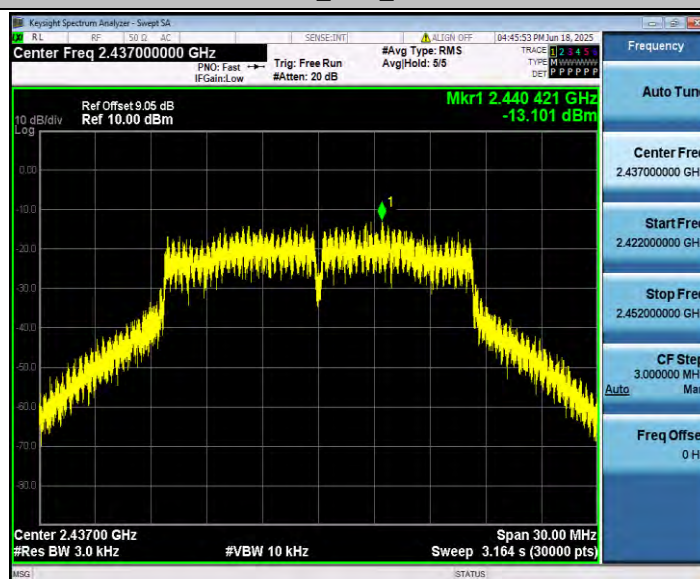
11B_Ant2_2462



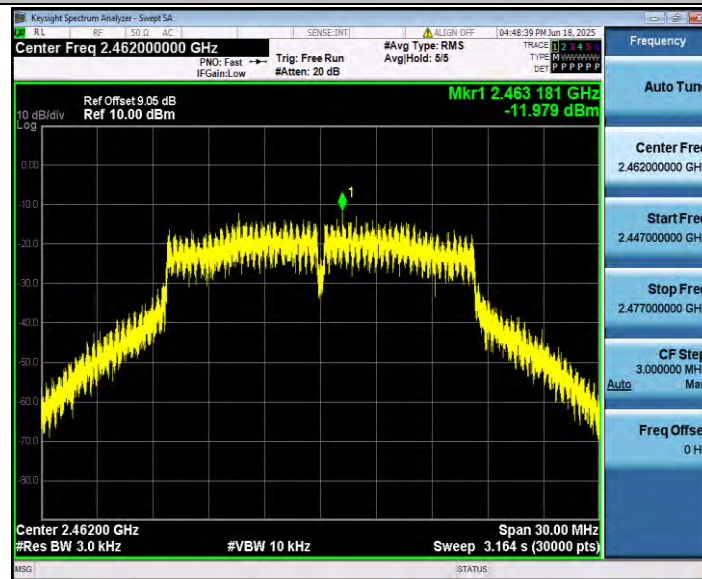
11G_Ant2_2412



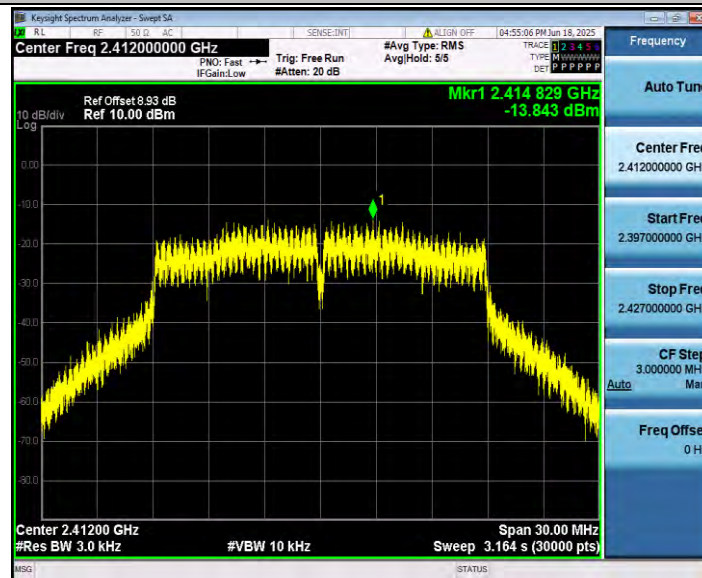
11G_Ant2_2437



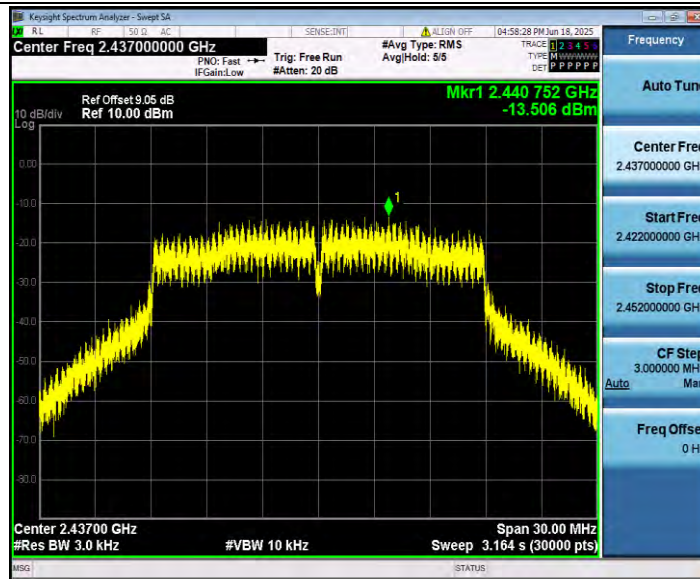
11G_Ant2_2462



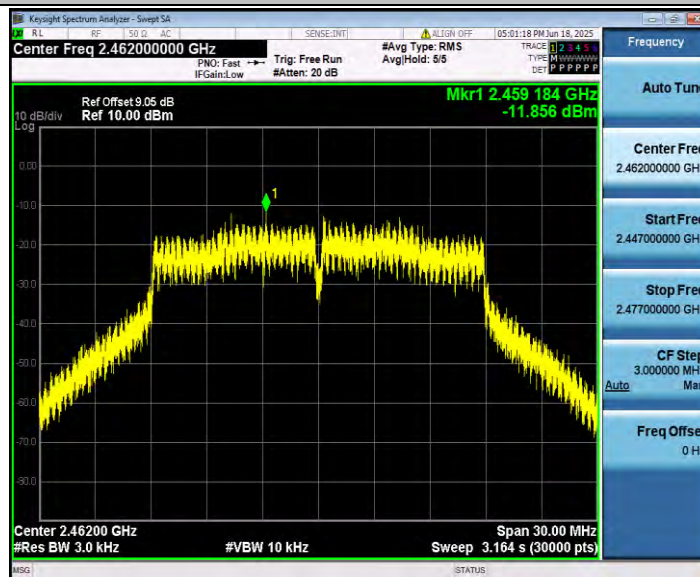
11N20SISO_Ant2_2412



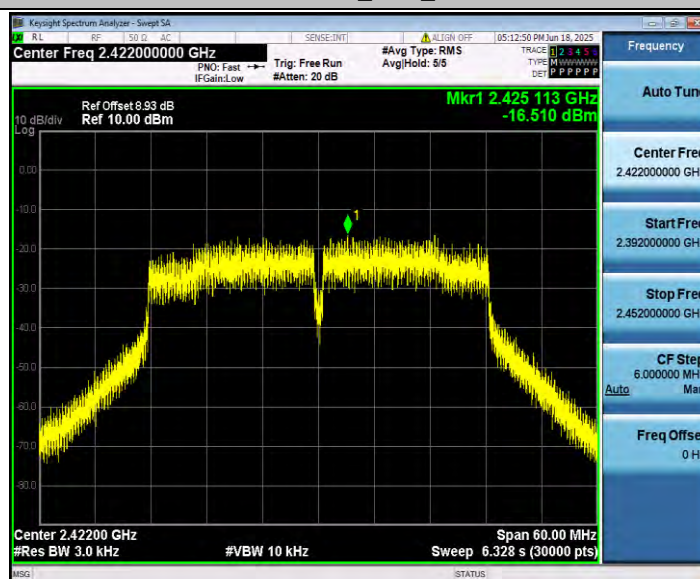
11N20SISO_Ant2_2437



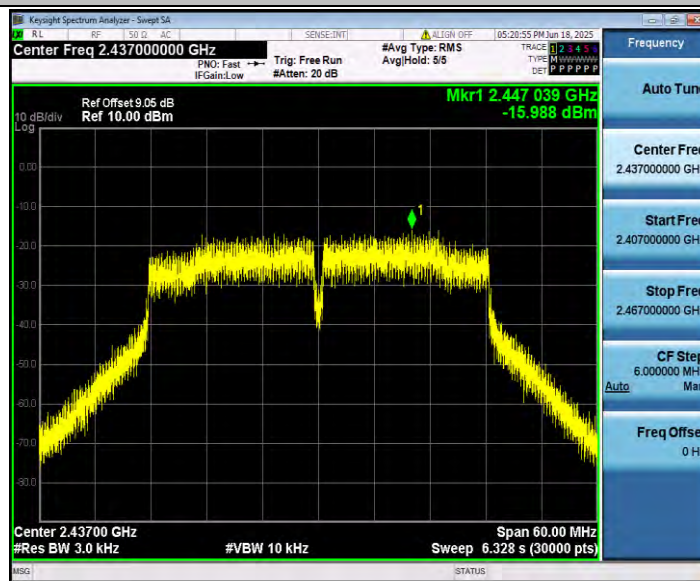
11N20SISO_Ant2_2462



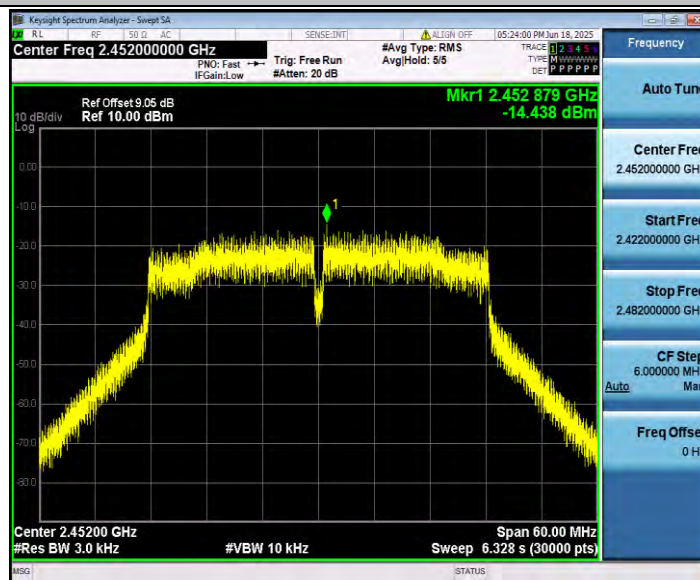
11N40SISO_Ant2_2422



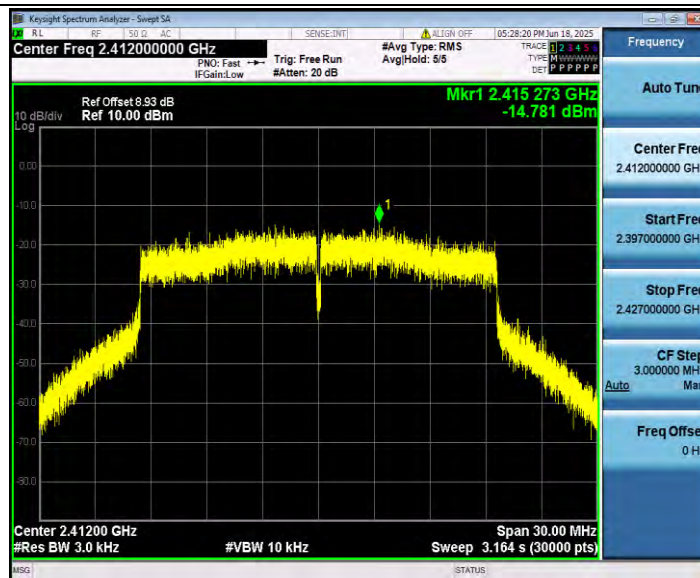
11N40SISO_Ant2_2437



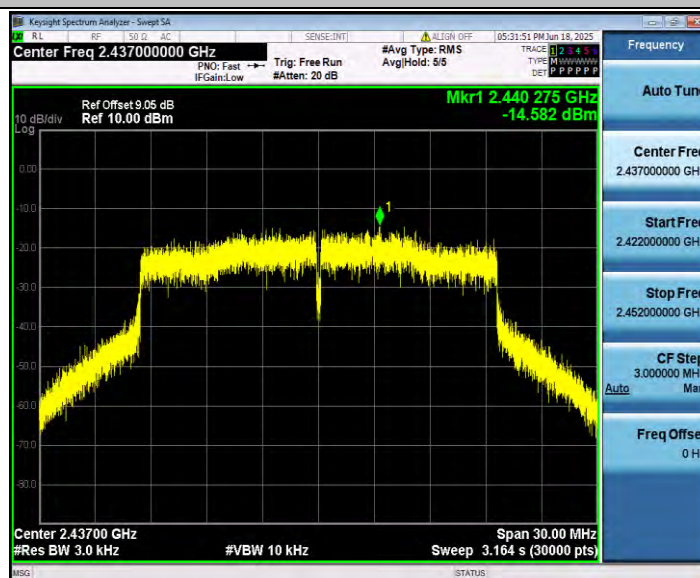
11N40SISO_Ant2_2452



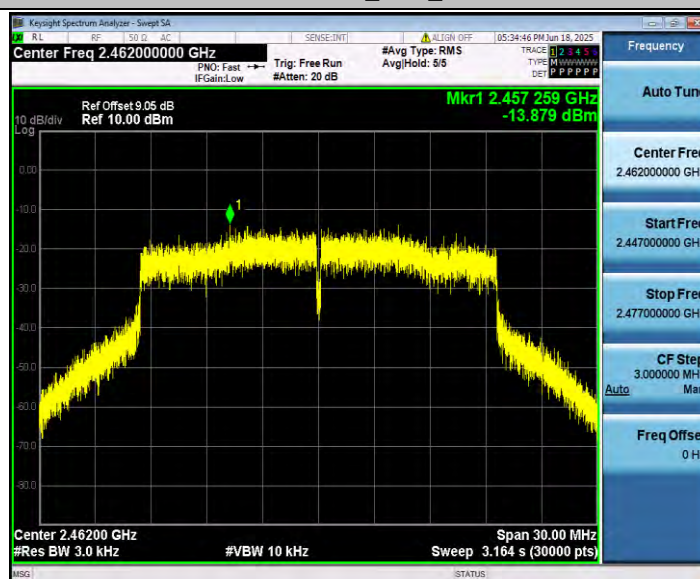
11AX20SISO_Ant2_2412



11AX20ISO_Ant2_2437



11AX20ISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



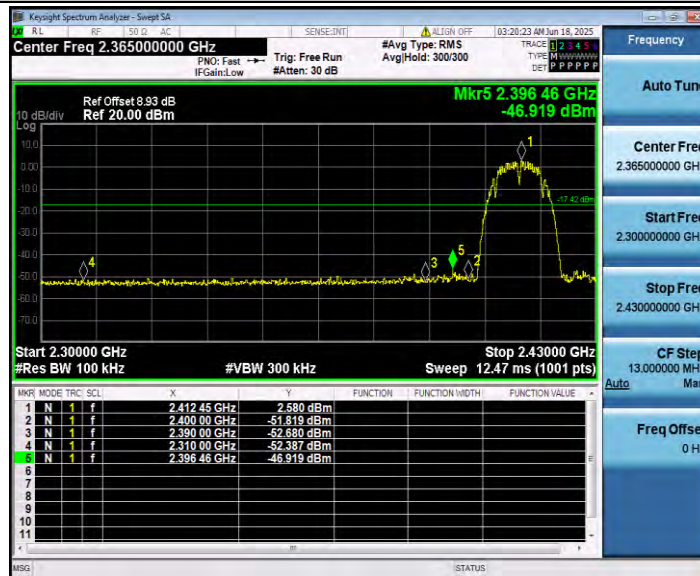
Appendix C.5: Band edge measurements

Test Result

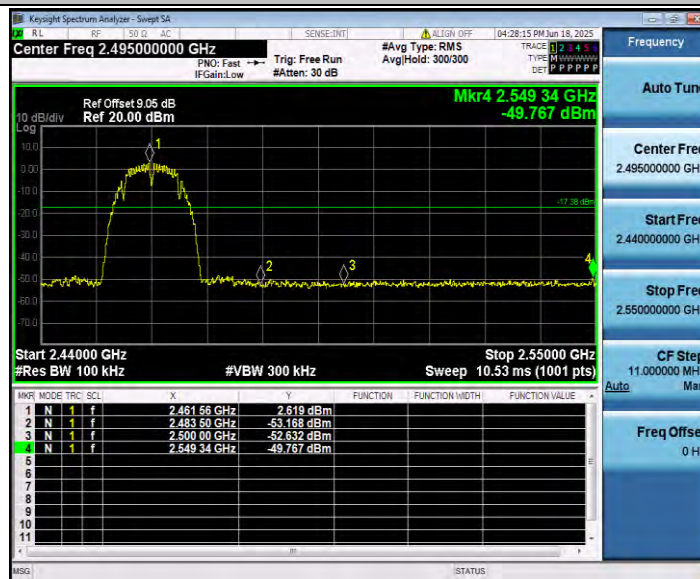
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	2.58	-46.92	≤ -17.42	PASS
		High	2462	2.62	-49.77	≤ -17.38	PASS
11G	Ant2	Low	2412	1.14	-28.97	≤ -18.86	PASS
		High	2462	2.35	-49.28	≤ -17.65	PASS
11N20SISO	Ant2	Low	2412	1.08	-28.63	≤ -18.92	PASS
		High	2462	2.35	-49.22	≤ -17.65	PASS
11N40SISO	Ant2	Low	2422	-1.55	-32.76	≤ -21.55	PASS
		High	2452	-1.06	-48.53	≤ -21.06	PASS
11AX20SISO	Ant2	Low	2412	1.12	-27.52	≤ -18.88	PASS
		High	2462	2.09	-49.34	≤ -17.91	PASS
11AX40SISO	Ant2	Low	2422	-2.03	-30.17	≤ -22.03	PASS
		High	2452	-1.64	-48.83	≤ -21.64	PASS

Test Graphs

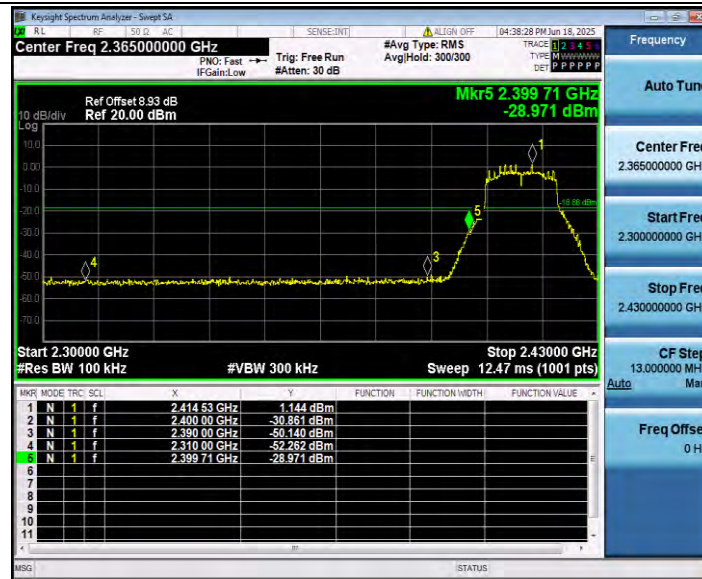
11B_Ant2_Low_2412



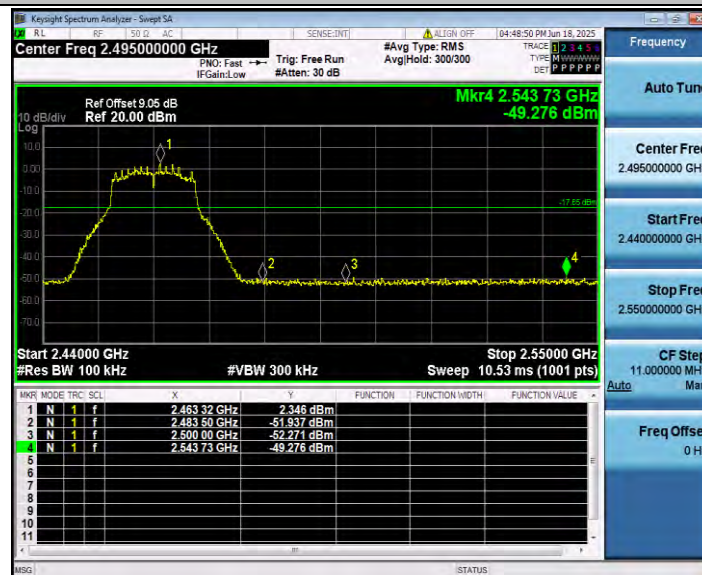
11B_Ant2_High_2462



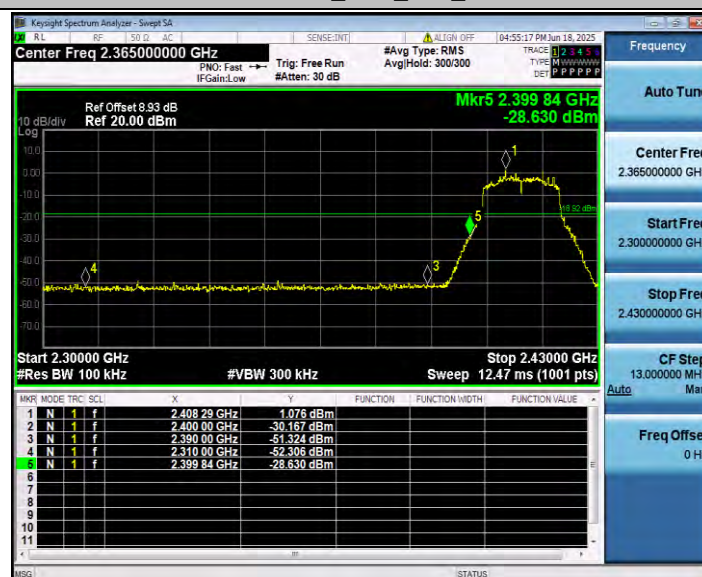
11G_Ant2_Low_2412



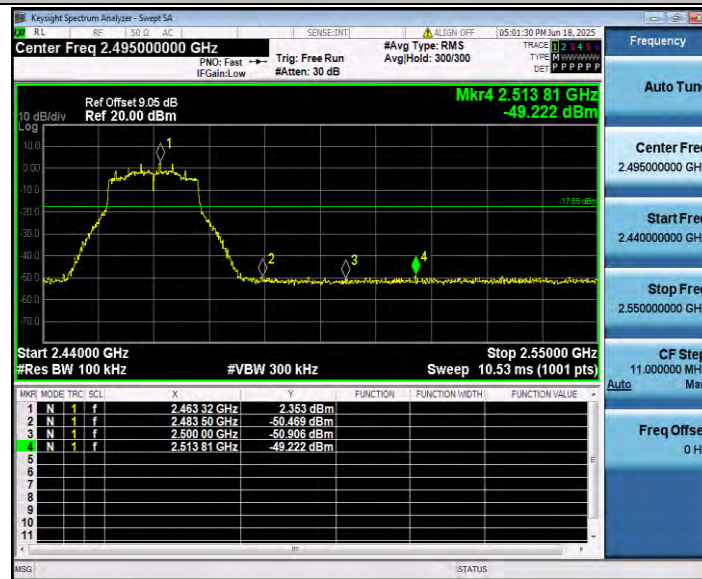
11G_Ant2_High_2462



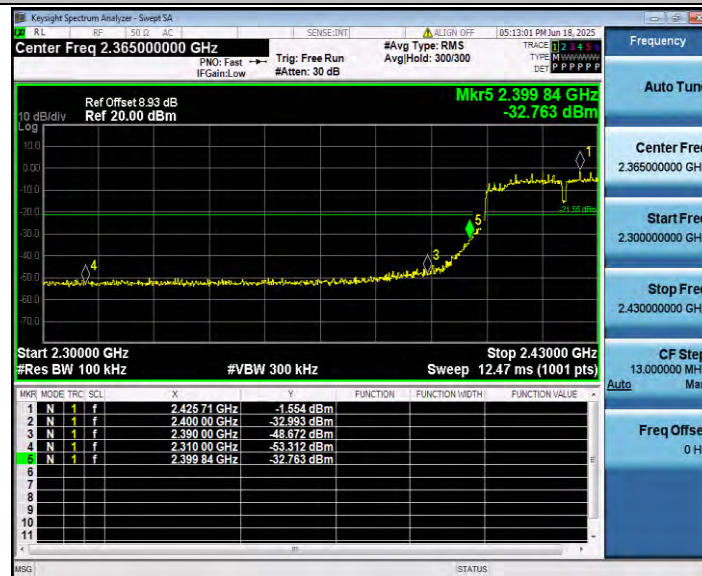
11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462



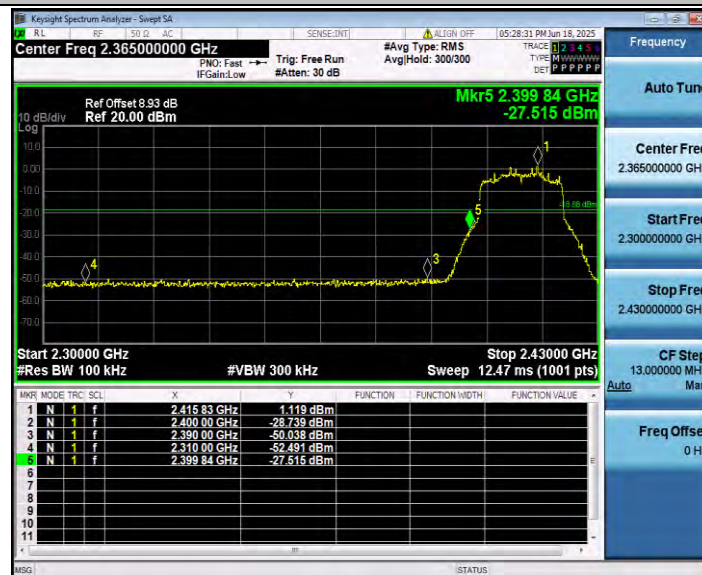
11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452



11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462

