

Case No. : <u>GTS20250304016-1-01</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.5.12-2025.5.29</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	15.640	2404.120	2419.760	0.5	PASS
		2437	15.160	2429.440	2444.600	0.5	PASS
		2462	15.240	2454.520	2469.760	0.5	PASS
11N20SISO	Ant1	2412	16.680	2403.240	2419.920	0.5	PASS
		2437	14.360	2430.760	2445.120	0.5	PASS
		2462	16.000	2453.520	2469.520	0.5	PASS
11N40SISO	Ant1	2422	28.720	2408.240	2436.960	0.5	PASS
		2437	31.360	2423.160	2454.520	0.5	PASS
		2452	27.920	2439.120	2467.040	0.5	PASS
11AX20SISO	Ant1	2412	15.640	2404.240	2419.880	0.5	PASS
		2437	17.600	2428.000	2445.600	0.5	PASS
		2462	15.320	2453.680	2469.000	0.5	PASS
11AX40SISO	Ant1	2422	33.920	2405.680	2439.600	0.5	PASS
		2437	30.800	2424.200	2455.000	0.5	PASS
		2452	32.640	2435.680	2468.320	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



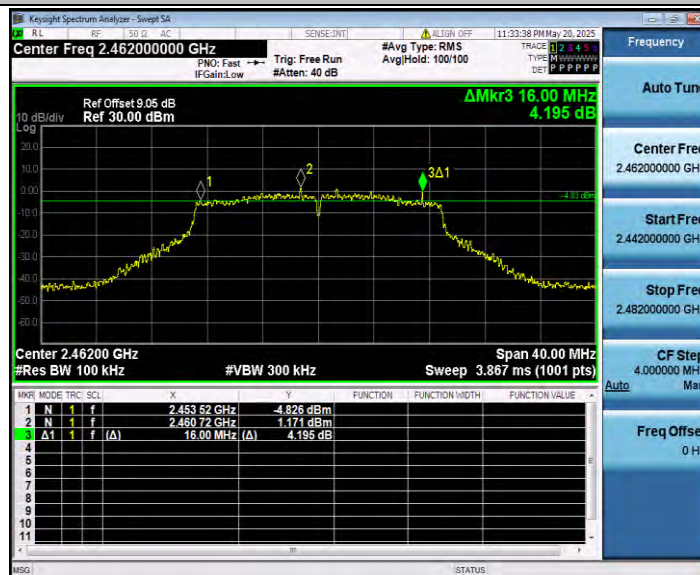
11N20SISO_Ant1_2412



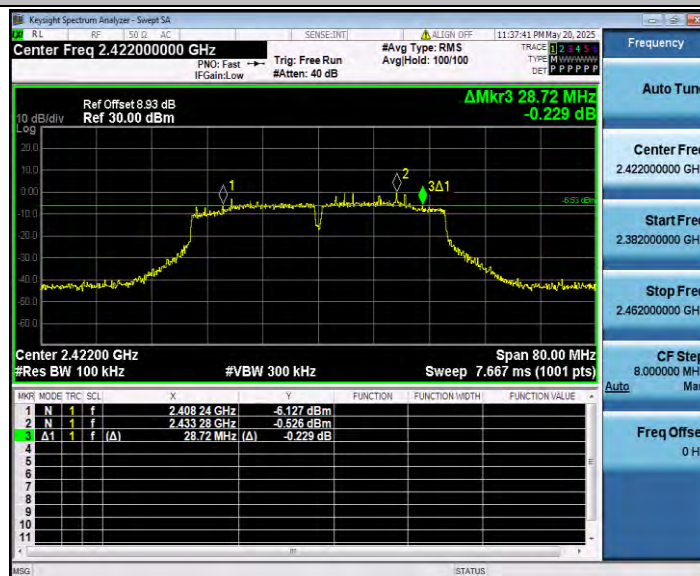
11N20SISO_Ant1_2437



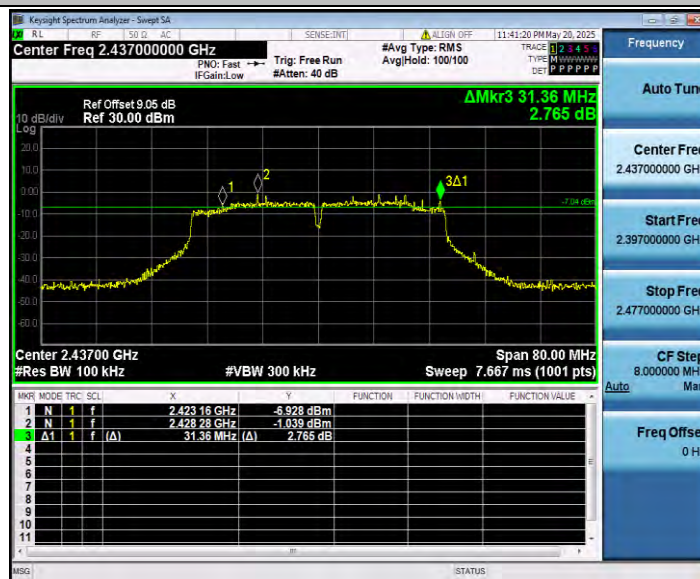
11N20SISO_Ant1_2462



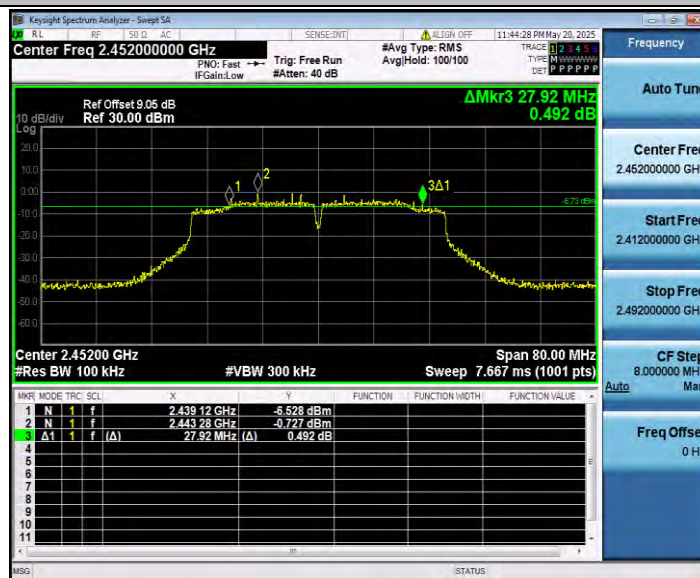
11N40SISO_Ant1_2422



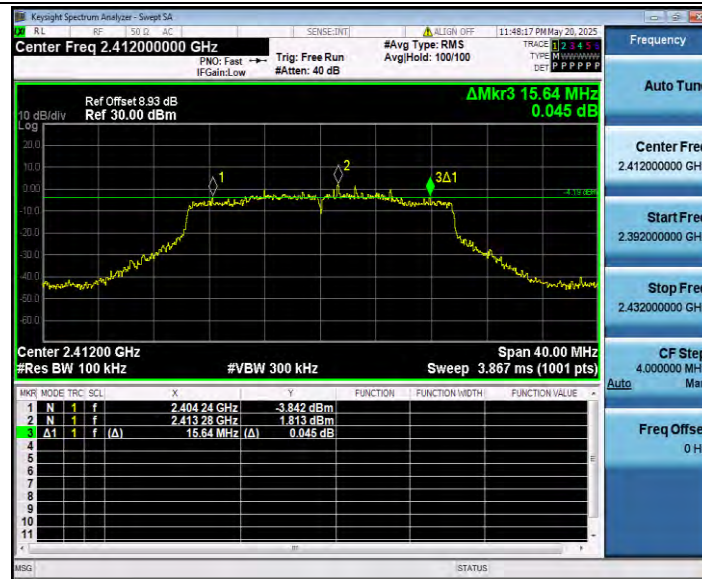
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



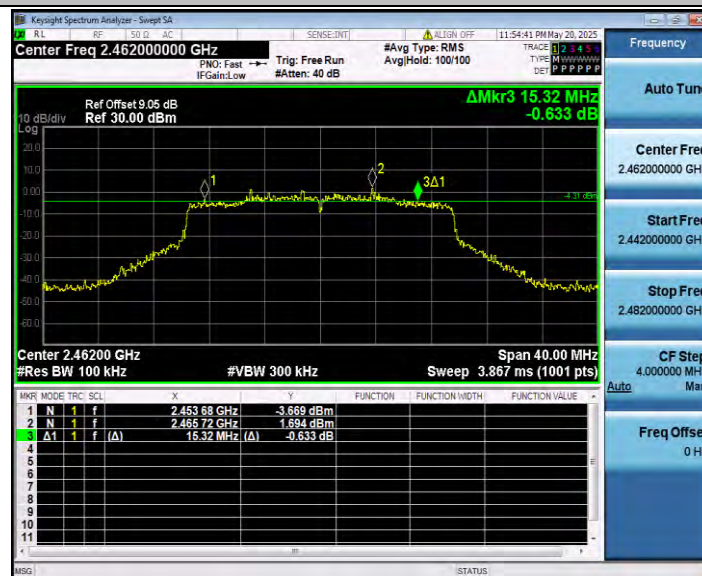
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



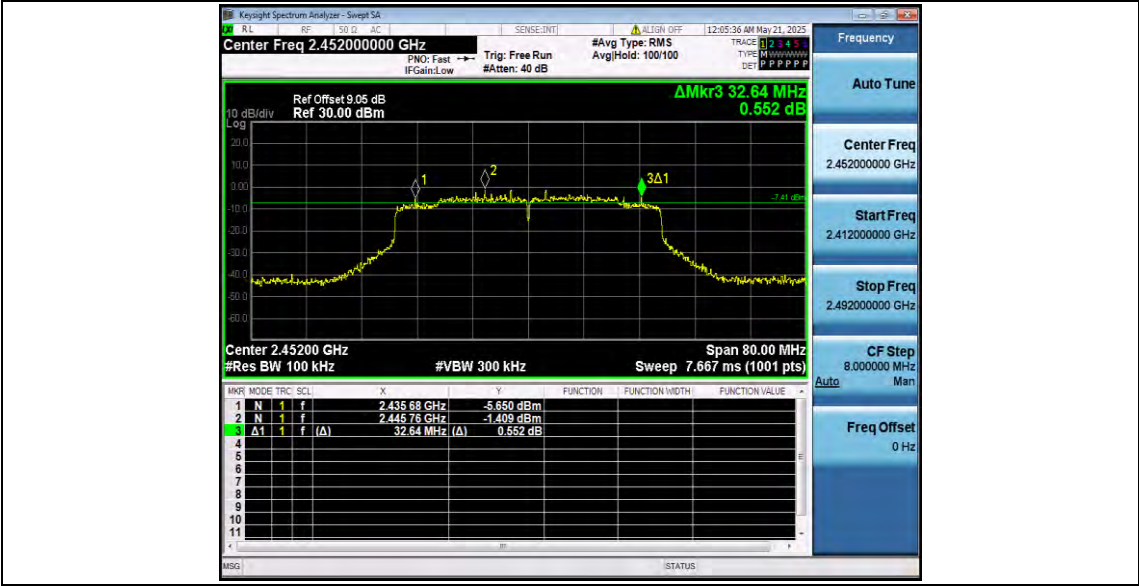
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



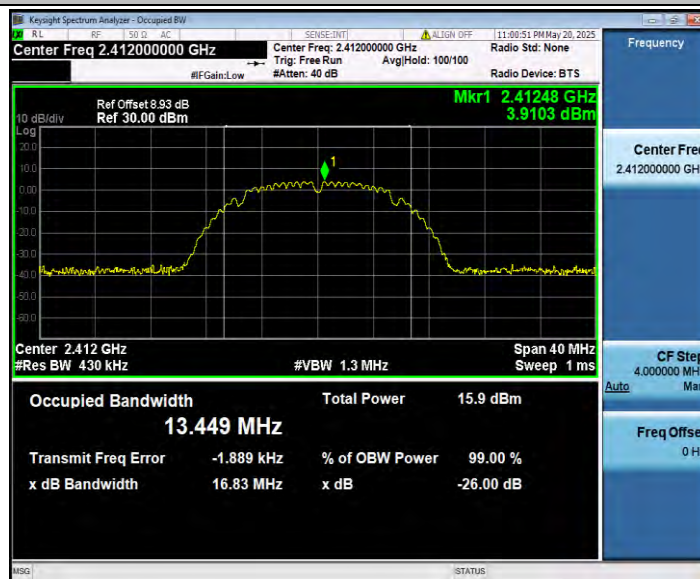
Appendix A.2: Occupied Channel Bandwidth

Test Result

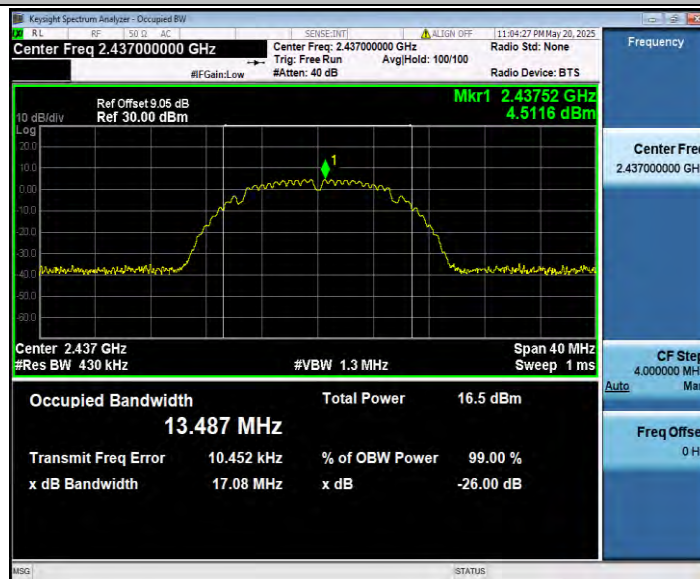
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.449	2405.2736	2418.7226	---	---
		2437	13.487	2430.2670	2443.7540	---	---
		2462	13.463	2455.2610	2468.7240	---	---
11G	Ant1	2412	16.828	2403.5884	2420.4164	---	---
		2437	16.910	2428.5288	2445.4388	---	---
		2462	16.901	2453.5506	2470.4516	---	---
11N20SISO	Ant1	2412	17.930	2403.0520	2420.9820	---	---
		2437	17.881	2428.1010	2445.9820	---	---
		2462	17.986	2453.0140	2471.0000	---	---
11N40SISO	Ant1	2422	36.068	2404.1437	2440.2117	---	---
		2437	36.063	2419.0780	2455.1410	---	---
		2452	36.105	2434.0177	2470.1227	---	---
11AX20SISO	Ant1	2412	18.991	2402.5505	2421.5415	---	---
		2437	18.966	2427.5441	2446.5101	---	---
		2462	18.909	2452.5418	2471.4508	---	---
11AX40SISO	Ant1	2422	37.468	2403.4570	2440.9250	---	---
		2437	37.580	2418.3390	2455.9190	---	---
		2452	37.523	2433.2821	2470.8051	---	---

Test Graphs

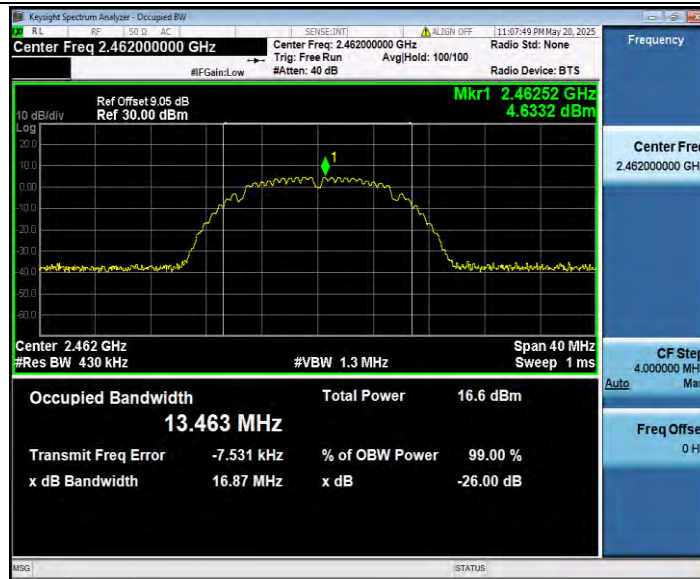
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



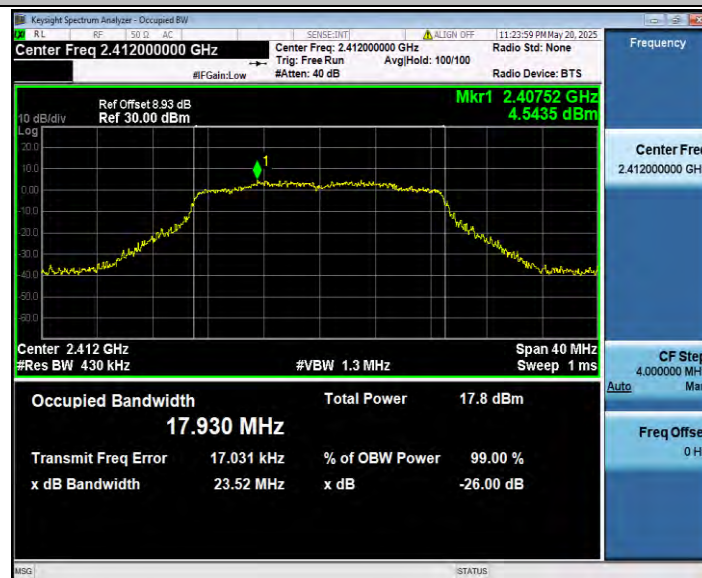
11G_Ant1_2437



11G_Ant1_2462



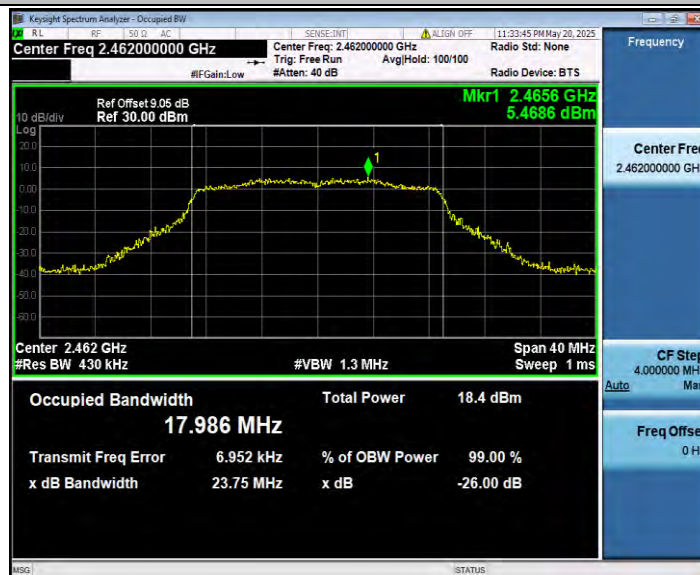
11N20SISO_Ant1_2412



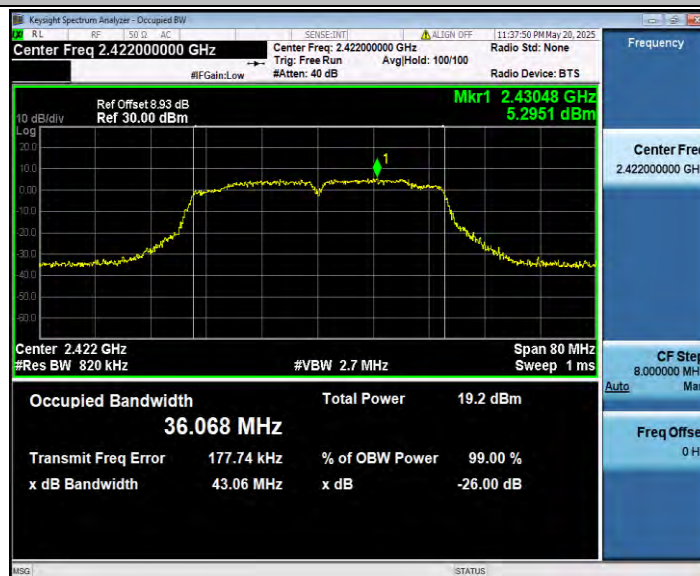
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



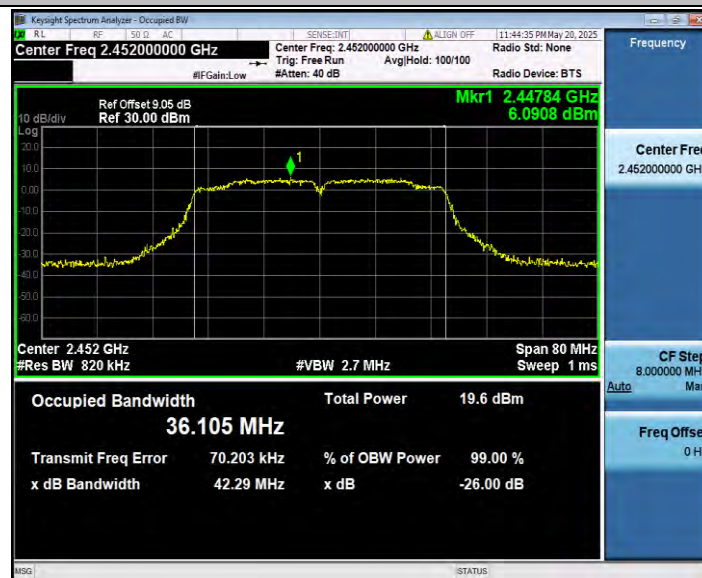
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



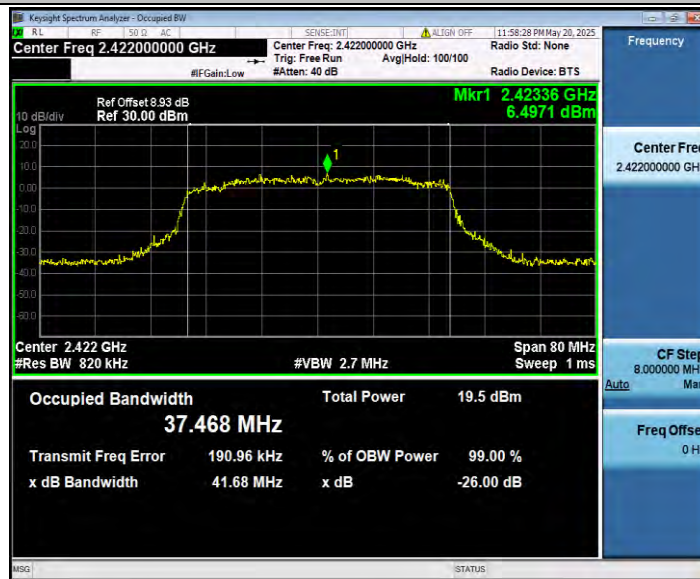
11AX20SISO_Ant1_2437



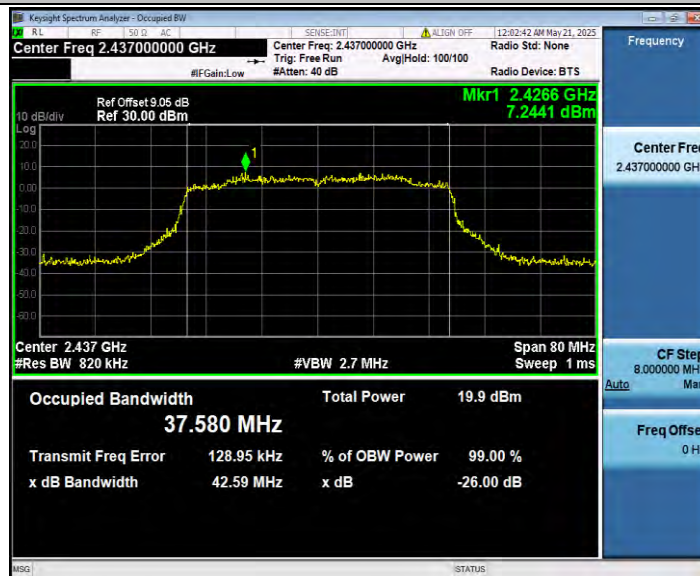
11AX20SISO_Ant1_2462



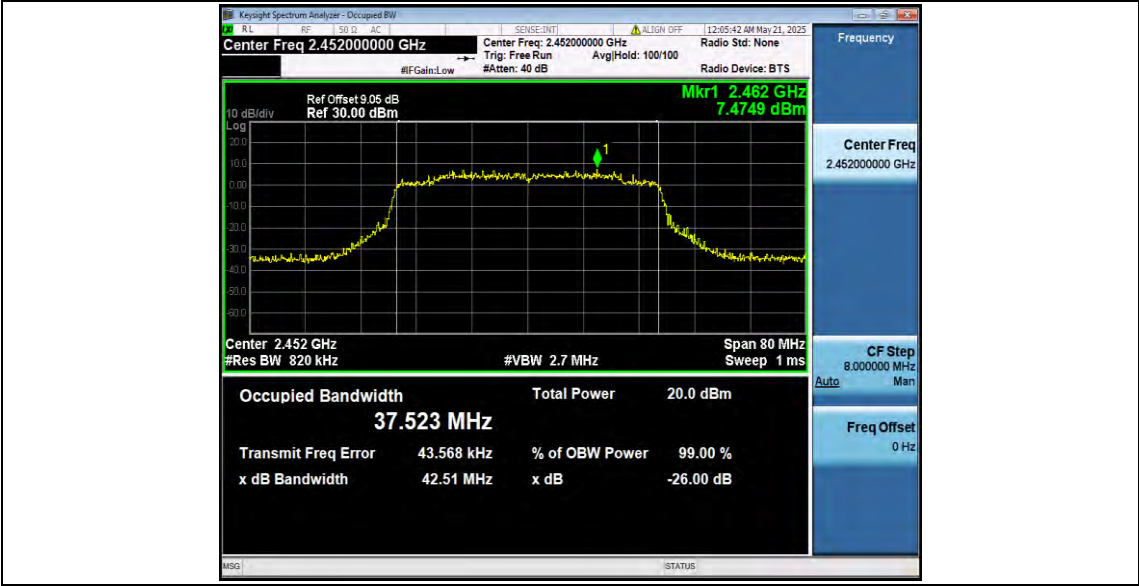
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	20.92	≤30.00	PASS
		2437	20.55	≤30.00	PASS
		2462	20.55	≤30.00	PASS
11G	Ant1	2412	20.00	≤30.00	PASS
		2437	20.55	≤30.00	PASS
		2462	20.64	≤30.00	PASS
11N20SISO	Ant1	2412	18.92	≤30.00	PASS
		2437	19.37	≤30.00	PASS
		2462	19.49	≤30.00	PASS
11N40SISO	Ant1	2422	19.29	≤30.00	PASS
		2437	19.63	≤30.00	PASS
		2452	19.89	≤30.00	PASS
11AX20SISO	Ant1	2412	19.08	≤30.00	PASS
		2437	19.83	≤30.00	PASS
		2462	19.88	≤30.00	PASS
11AX40SISO	Ant1	2422	19.75	≤30.00	PASS
		2437	19.83	≤30.00	PASS
		2452	20.08	≤30.00	PASS

Appendix A.4: Maximum power spectral density

Test Result

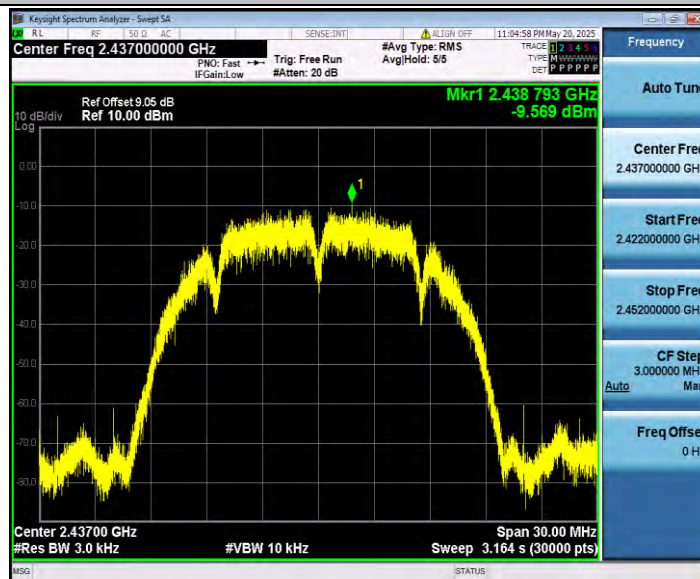
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.99	≤8.00	PASS
		2437	-9.57	≤8.00	PASS
		2462	-9.97	≤8.00	PASS
11G	Ant1	2412	-12.12	≤8.00	PASS
		2437	-11.59	≤8.00	PASS
		2462	-10.48	≤8.00	PASS
11N20SISO	Ant1	2412	-13.62	≤8.00	PASS
		2437	-12.48	≤8.00	PASS
		2462	-12.75	≤8.00	PASS
11N40SISO	Ant1	2422	-15.77	≤8.00	PASS
		2437	-15.08	≤8.00	PASS
		2452	-15.47	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.64	≤8.00	PASS
		2437	-12.71	≤8.00	PASS
		2462	-13.51	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.57	≤8.00	PASS
		2437	-16.50	≤8.00	PASS
		2452	-16.43	≤8.00	PASS

Test Graphs

11B_Ant1_2412



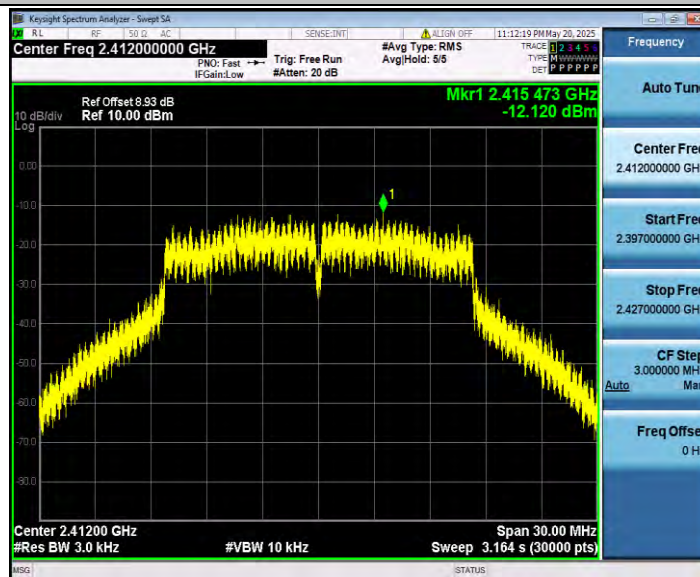
11B_Ant1_2437



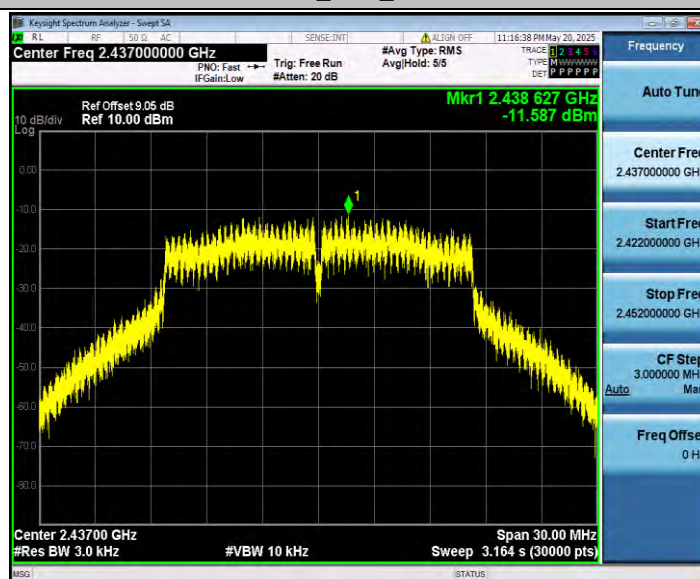
11B_Ant1_2462



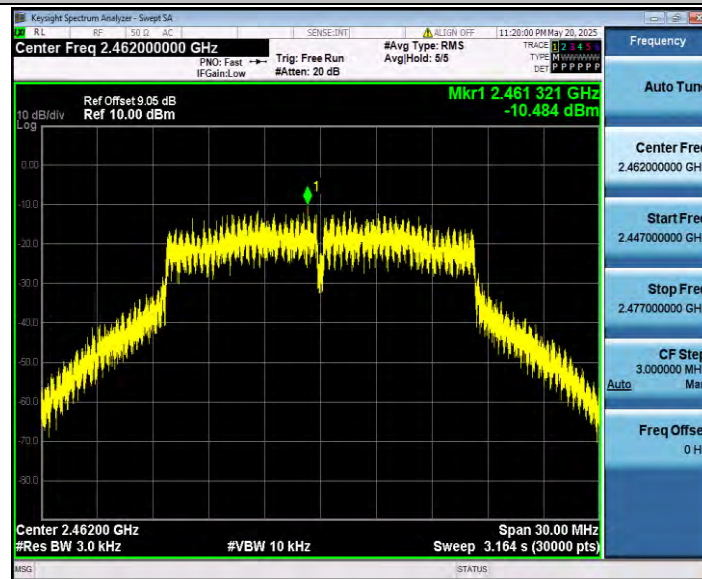
11G_Ant1_2412



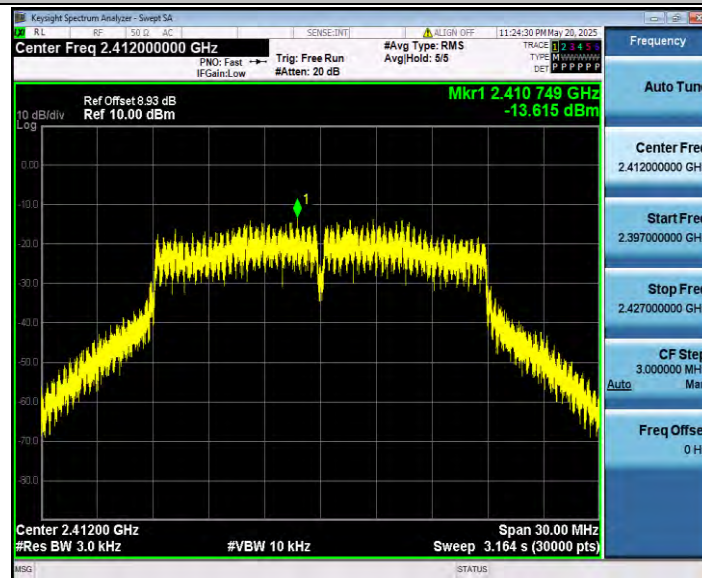
11G_Ant1_2437



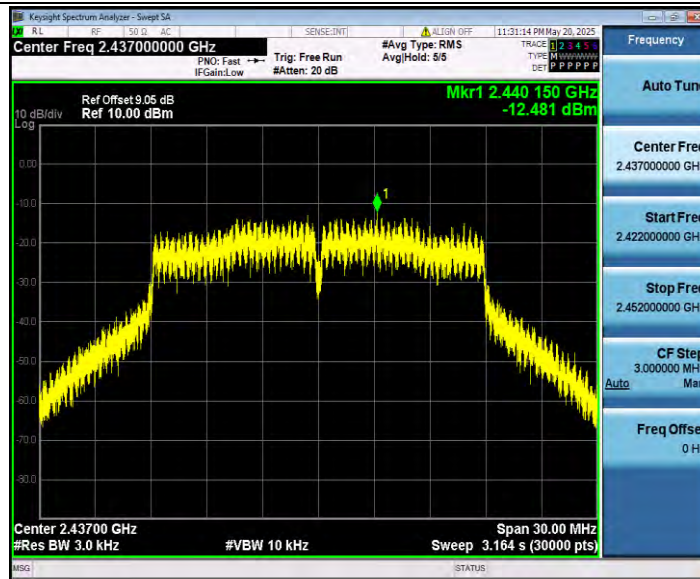
11G_Ant1_2462



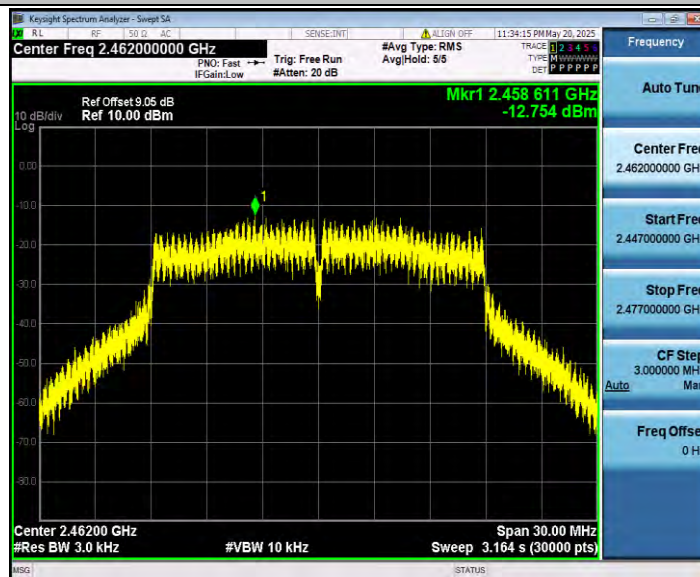
11N20SISO_Ant1_2412



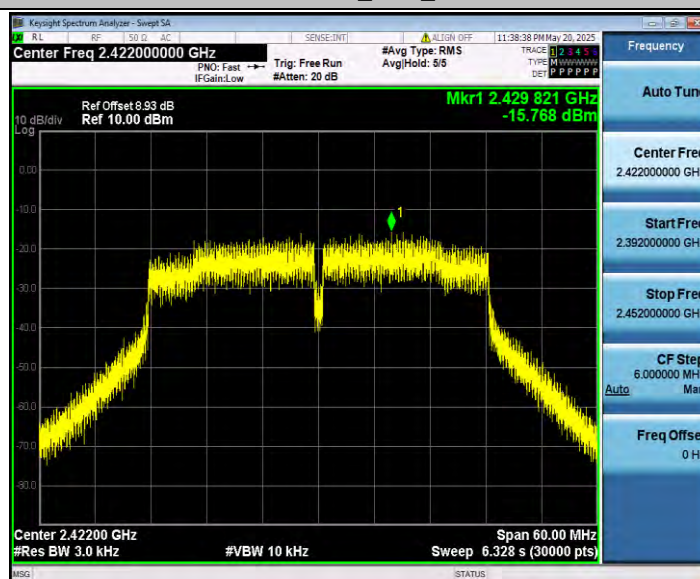
11N20SISO_Ant1_2437



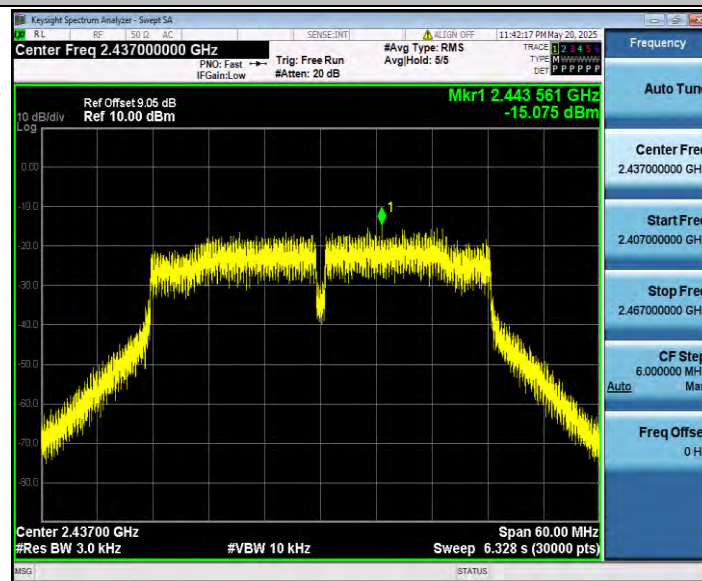
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



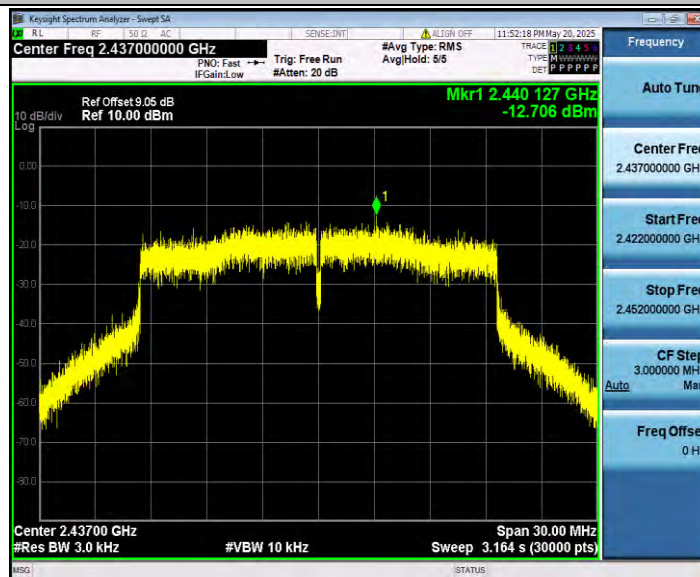
11N40SISO_Ant1_2452



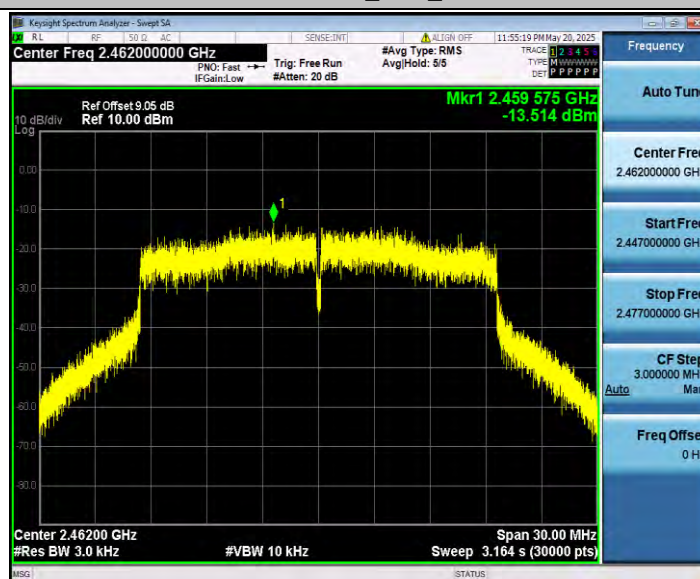
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



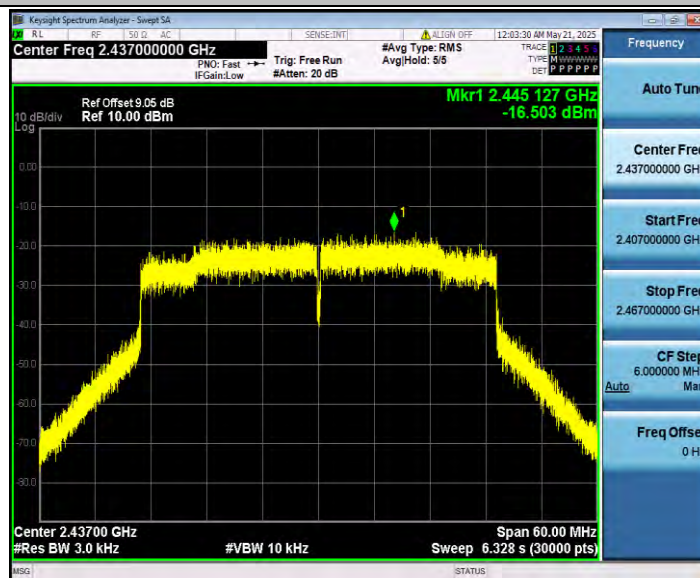
11AX20SISO_Ant1_2462



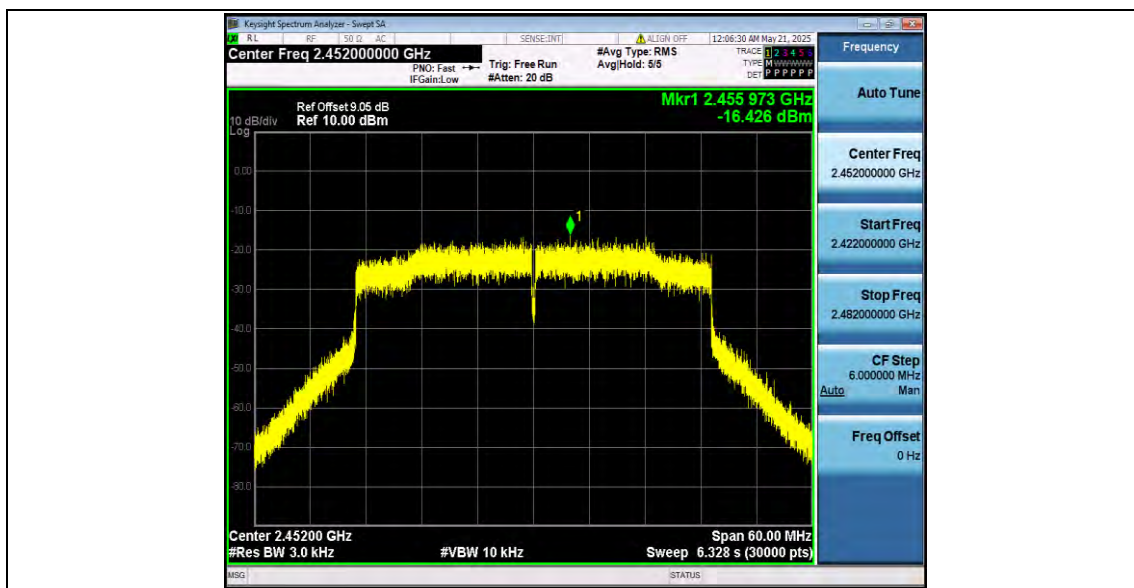
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



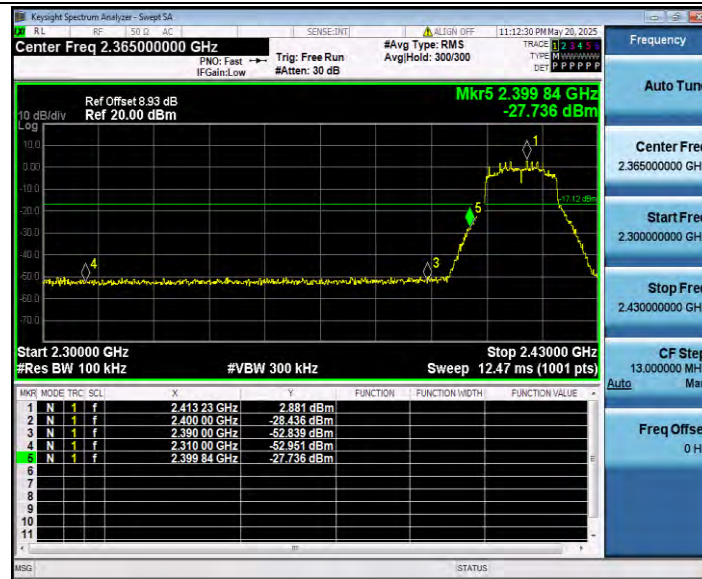
Appendix A.5: Band edge measurements

Test Result

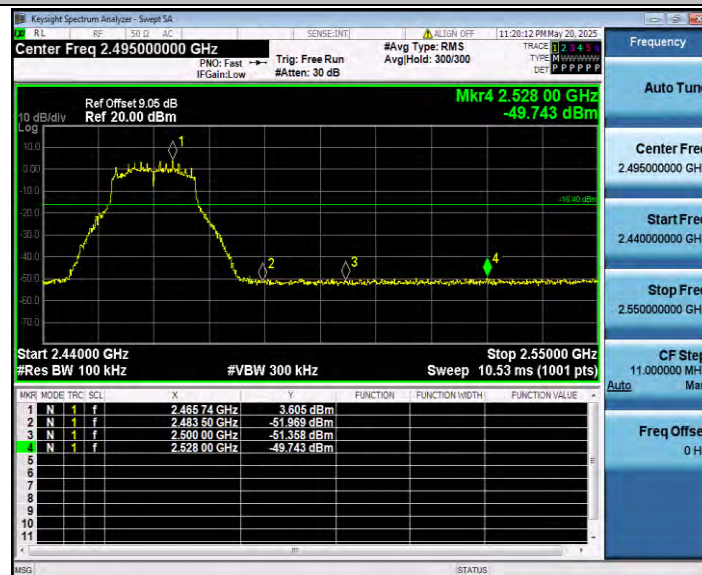
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.35	-46.71	≤-16.65	PASS
		High	2462	4.37	-49.26	≤-15.63	PASS
11G	Ant1	Low	2412	2.88	-27.74	≤-17.12	PASS
		High	2462	3.61	-49.74	≤-16.4	PASS
11N20SISO	Ant1	Low	2412	1.83	-28.4	≤-18.17	PASS
		High	2462	2.49	-49.52	≤-17.51	PASS
11N40SISO	Ant1	Low	2422	-0.68	-32.4	≤-20.68	PASS
		High	2452	-0.60	-46.25	≤-20.6	PASS
11AX20SISO	Ant1	Low	2412	1.07	-29.05	≤-18.93	PASS
		High	2462	1.95	-49.67	≤-18.05	PASS
11AX40SISO	Ant1	Low	2422	-1.43	-31.22	≤-21.43	PASS
		High	2452	-0.91	-46.57	≤-20.91	PASS

Test Graphs

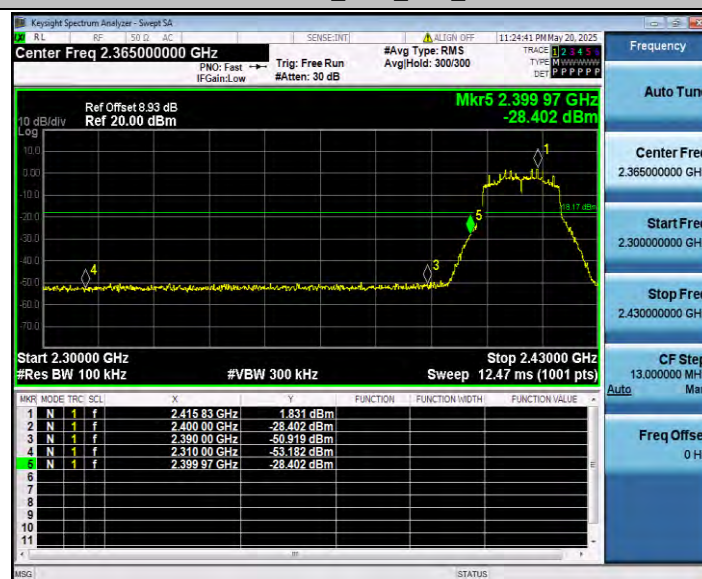




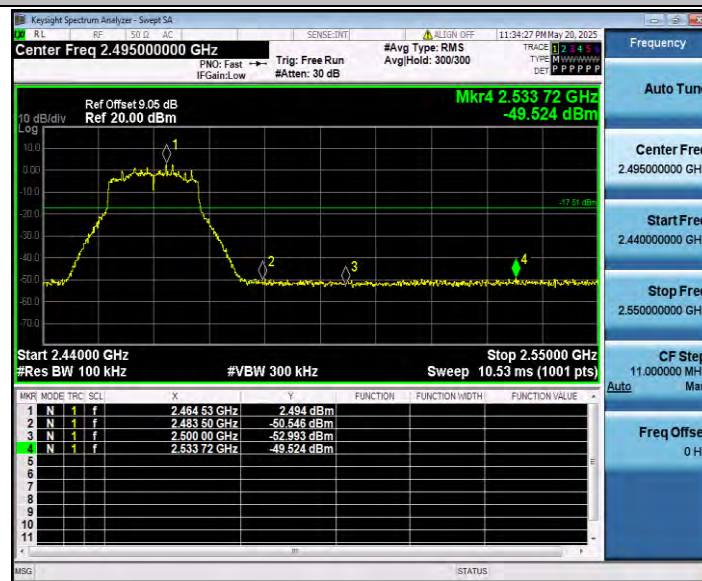
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



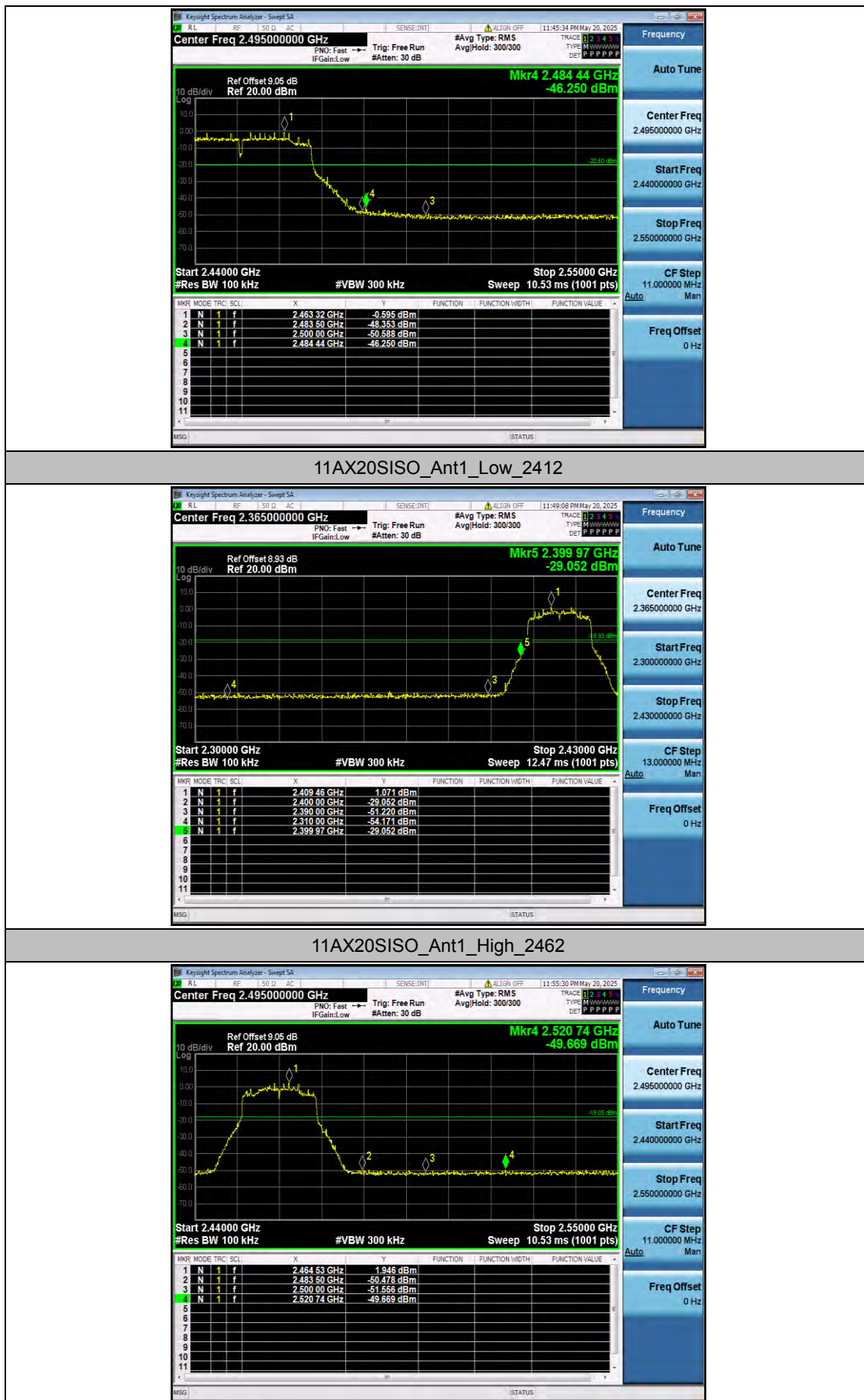
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

