

Case No. : <u>GTS20250225018-5-07</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.5.12</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	Ant0	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	Ant0	2412	13.880	2404.440	2418.320	0.5	PASS
		2437	13.520	2431.000	2444.520	0.5	PASS
		2462	13.760	2455.720	2469.480	0.5	PASS
11N20SISO	Ant0	2412	12.760	2406.760	2419.520	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	15.000	2454.520	2469.520	0.5	PASS
11N40SISO	Ant0	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	30.000	2421.960	2451.960	0.5	PASS
		2452	32.640	2435.680	2468.320	0.5	PASS
11AX20SISO	Ant0	2412	12.960	2405.400	2418.360	0.5	PASS
		2437	18.320	2427.960	2446.280	0.5	PASS
		2462	14.920	2455.320	2470.240	0.5	PASS
11AX40SISO	Ant0	2422	31.520	2408.640	2440.160	0.5	PASS
		2437	34.480	2420.760	2455.240	0.5	PASS
		2452	32.720	2436.880	2469.600	0.5	PASS

Test Graphs

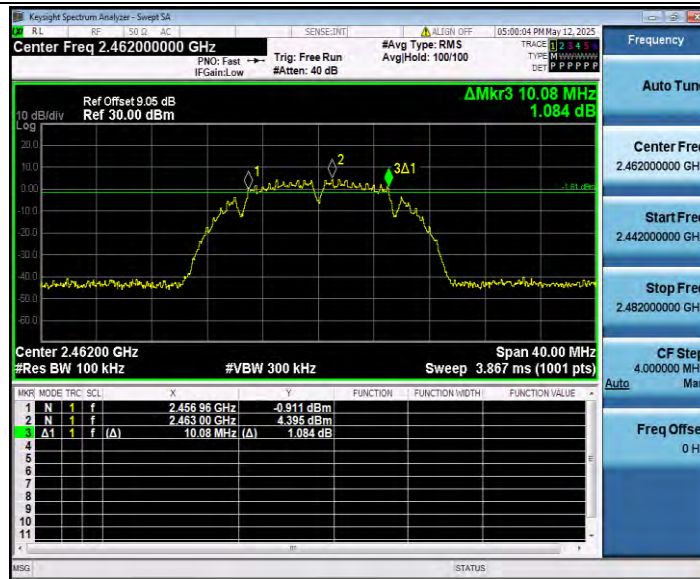
11B_Ant0_2412



11B_Ant0_2437



11B_Ant0_2462



11G_Ant0_2412



11G_Ant0_2437



11G_Ant0_2462



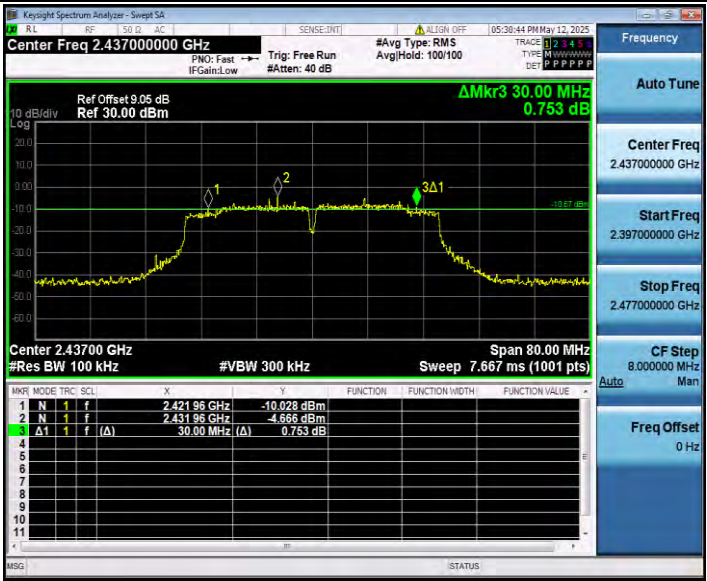
11N20SISO_Ant0_2412



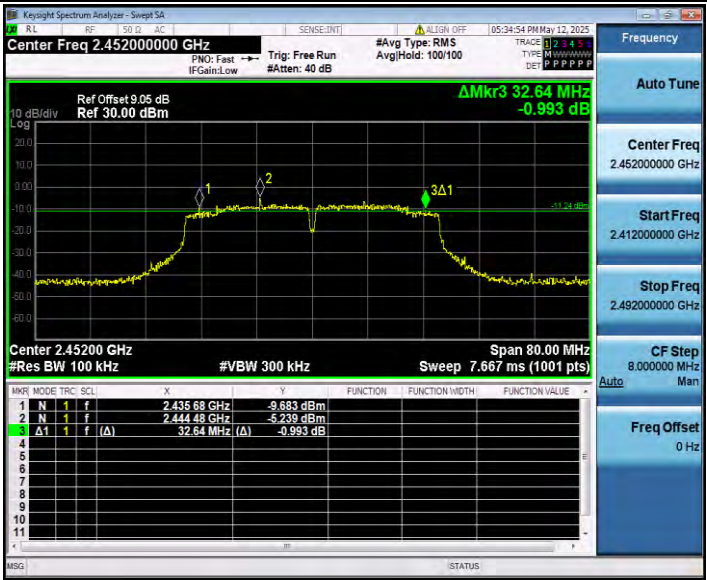
11N20SISO_Ant0_2437



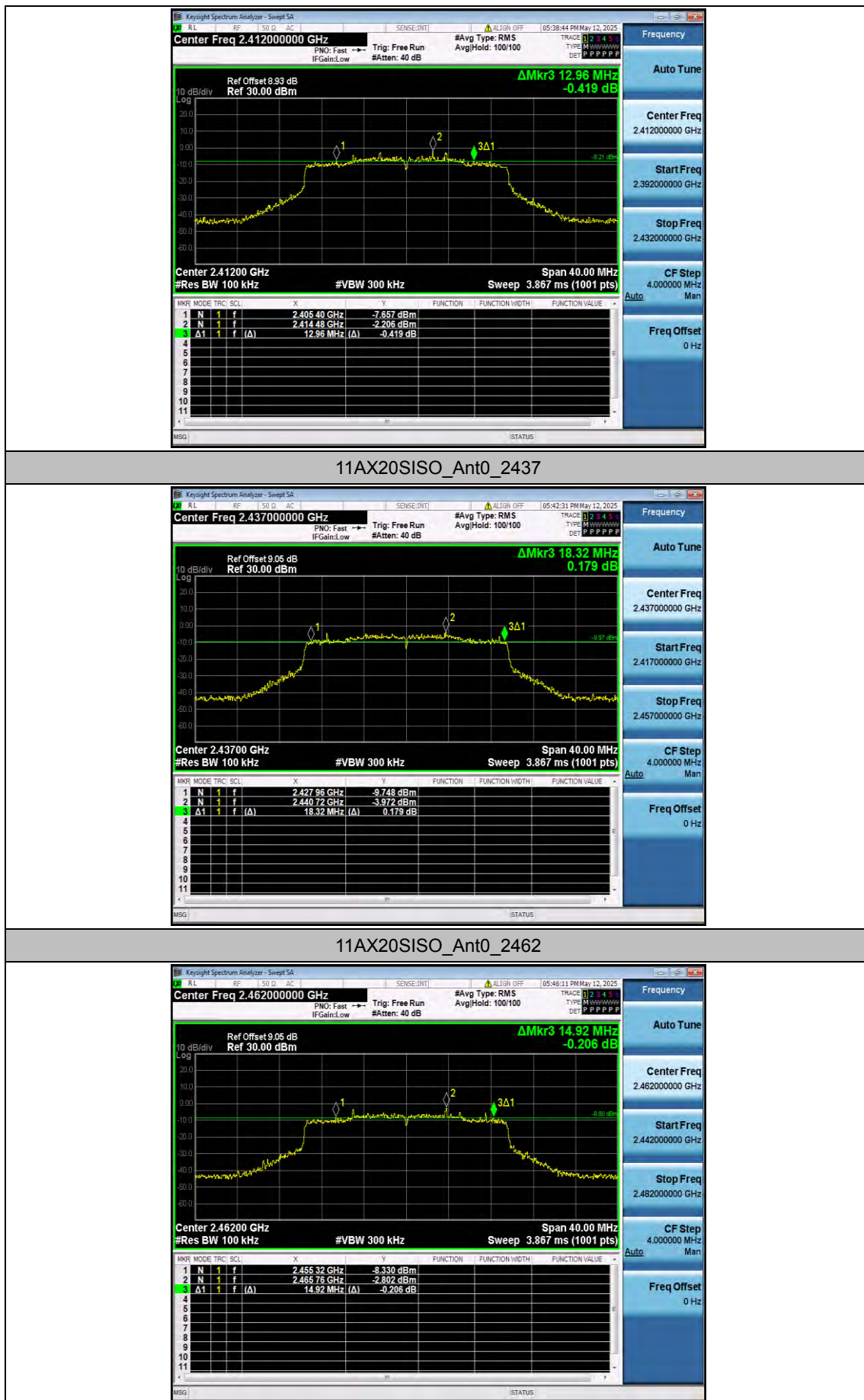
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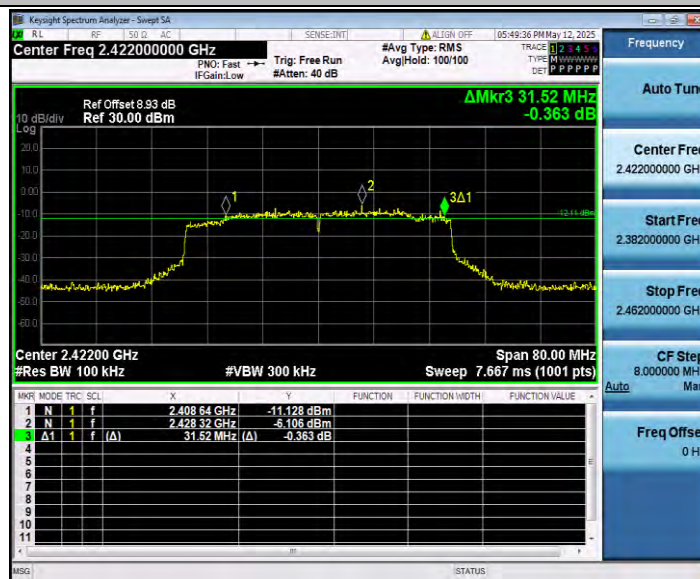
11N40SISO_Ant0_2452



11AX20SISO_Ant0_2412



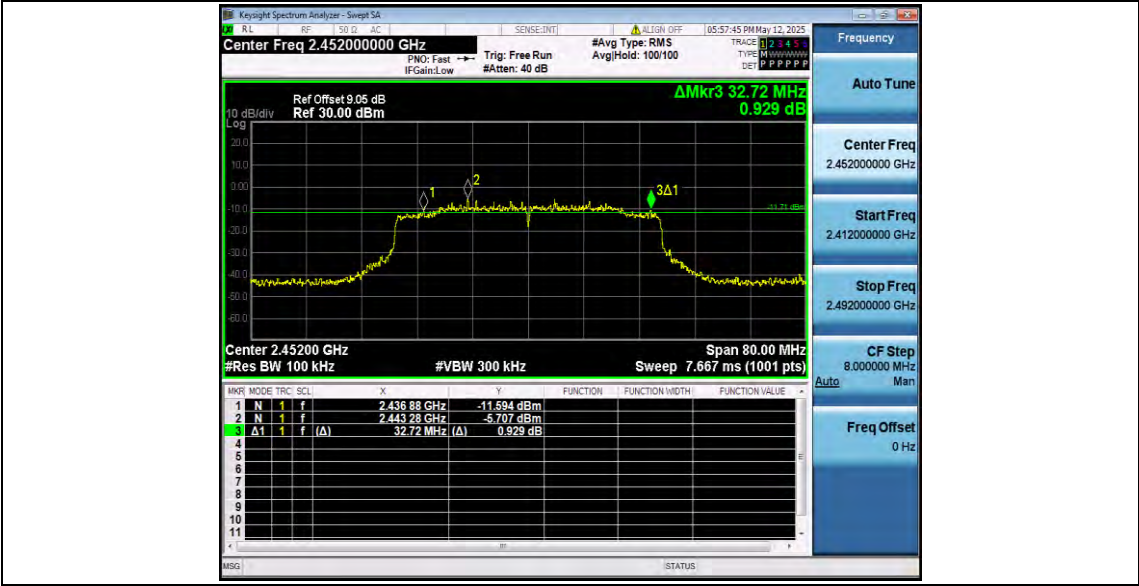
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



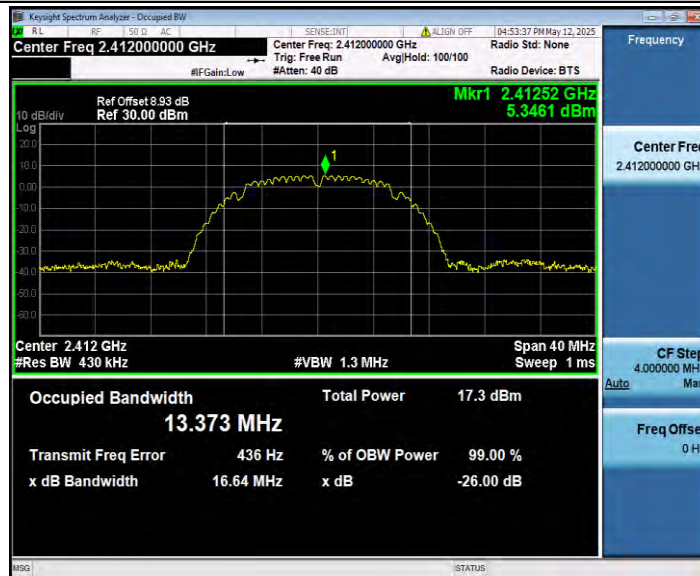
Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	13.373	2405.3139	2418.6869	---	---
		2437	13.462	2430.2774	2443.7394	---	---
		2462	13.423	2455.2811	2468.7041	---	---
11G	Ant0	2412	16.846	2403.5744	2420.4204	---	---
		2437	16.981	2428.5157	2445.4967	---	---
		2462	16.903	2453.5412	2470.4442	---	---
11N20SISO	Ant0	2412	17.970	2403.0579	2421.0279	---	---
		2437	17.962	2428.0371	2445.9991	---	---
		2462	17.900	2453.0715	2470.9715	---	---
11N40SISO	Ant0	2422	36.104	2404.1010	2440.2050	---	---
		2437	36.173	2418.9955	2455.1685	---	---
		2452	36.129	2434.0160	2470.1450	---	---
11AX20SISO	Ant0	2412	18.981	2402.5411	2421.5221	---	---
		2437	18.953	2427.5406	2446.4936	---	---
		2462	18.966	2452.5040	2471.4700	---	---
11AX40SISO	Ant0	2422	37.512	2403.4104	2440.9224	---	---
		2437	37.582	2418.3053	2455.8873	---	---
		2452	37.515	2433.3043	2470.8193	---	---

Test Graphs

11B_Ant0_2412



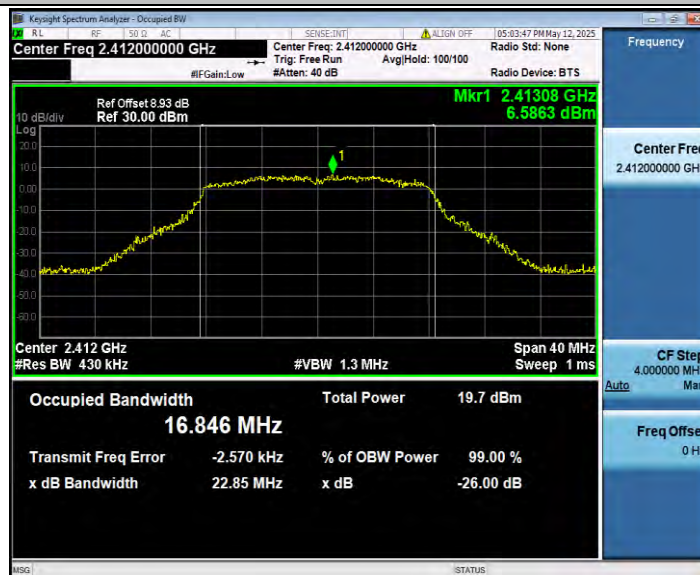
11B_Ant0_2437



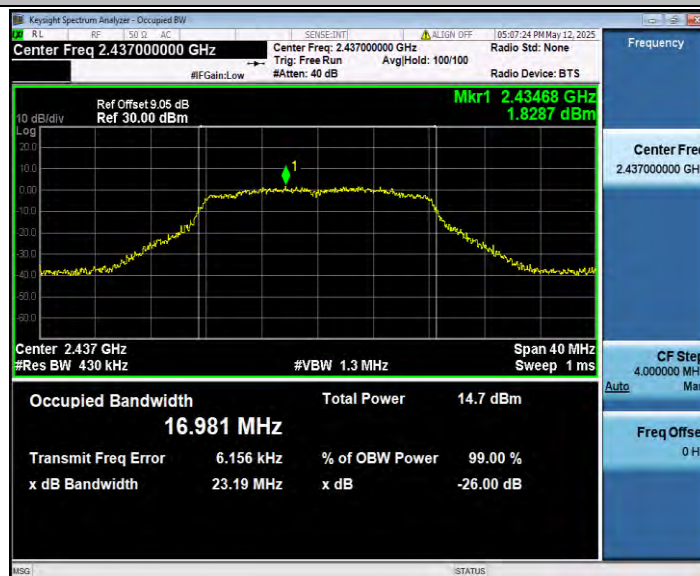
11B_Ant0_2462



11G_Ant0_2412



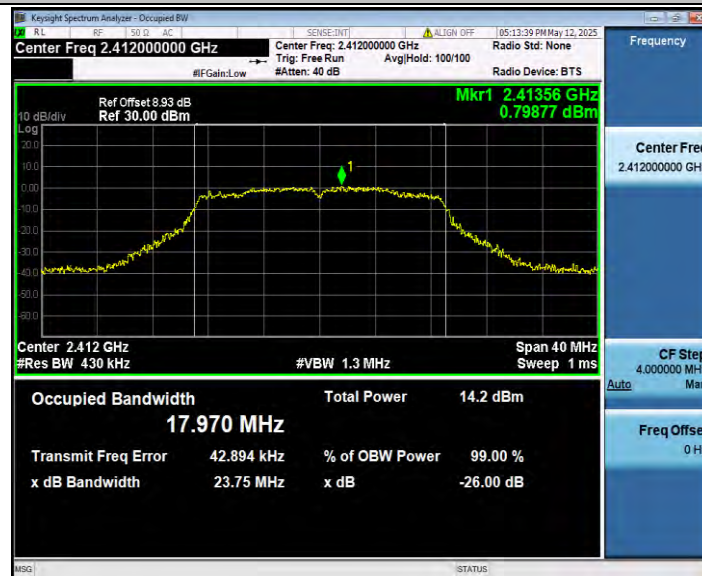
11G_Ant0_2437



11G_Ant0_2462



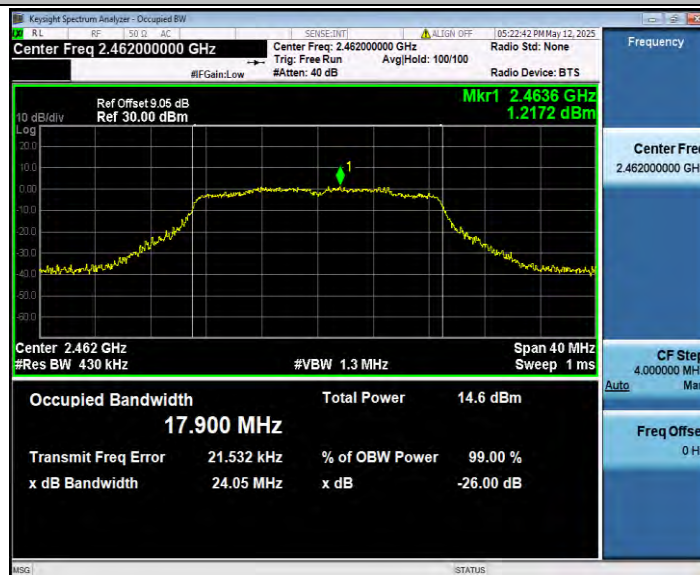
11N20SISO_Ant0_2412



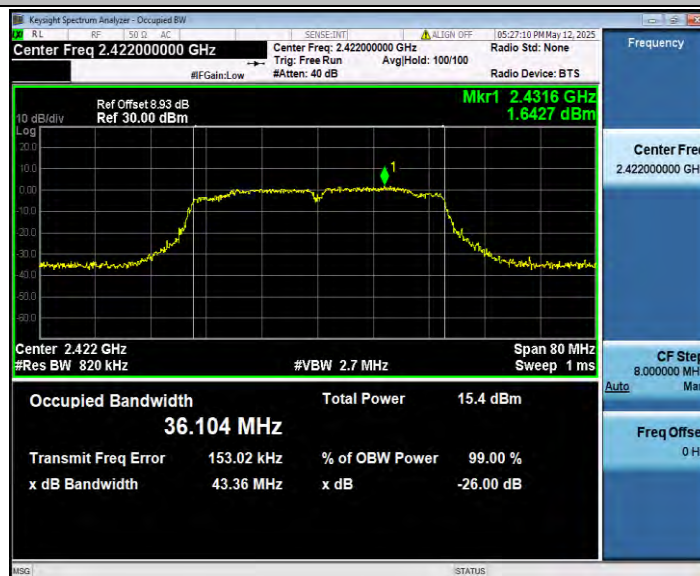
11N20SISO_Ant0_2437



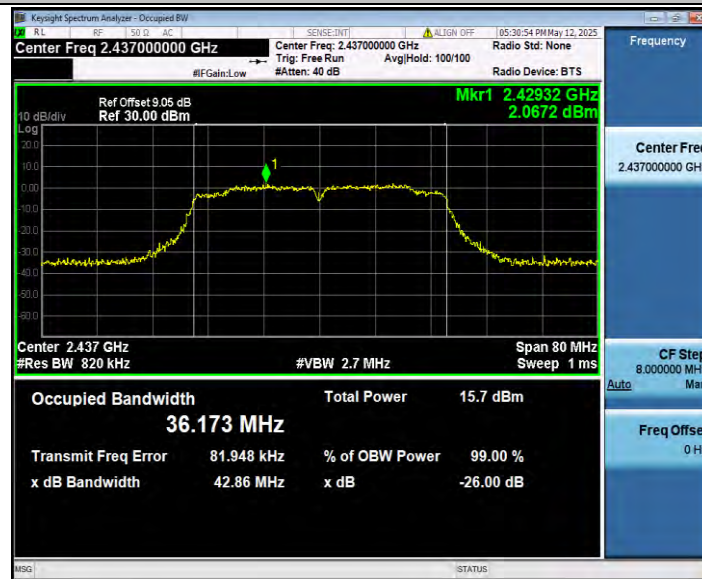
11N20SISO_Ant0_2462



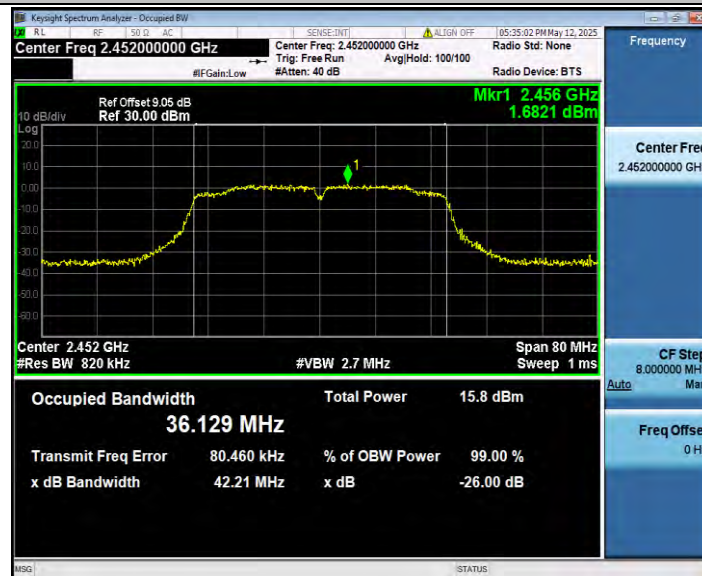
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



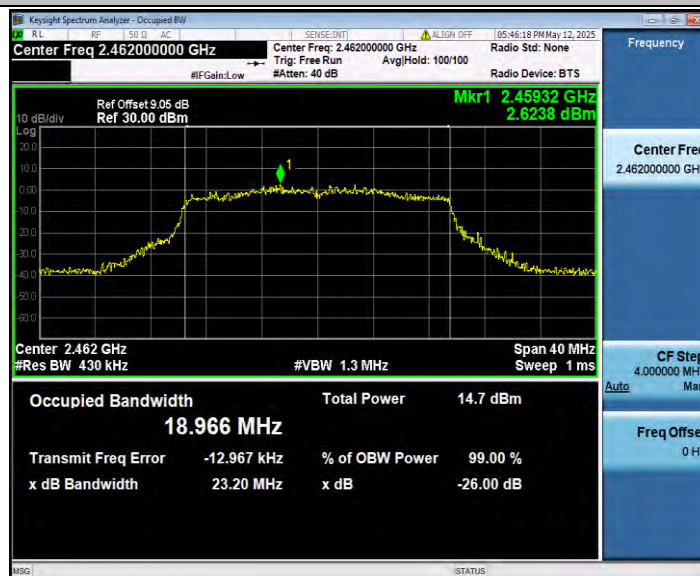
11AX20SISO_Ant0_2412

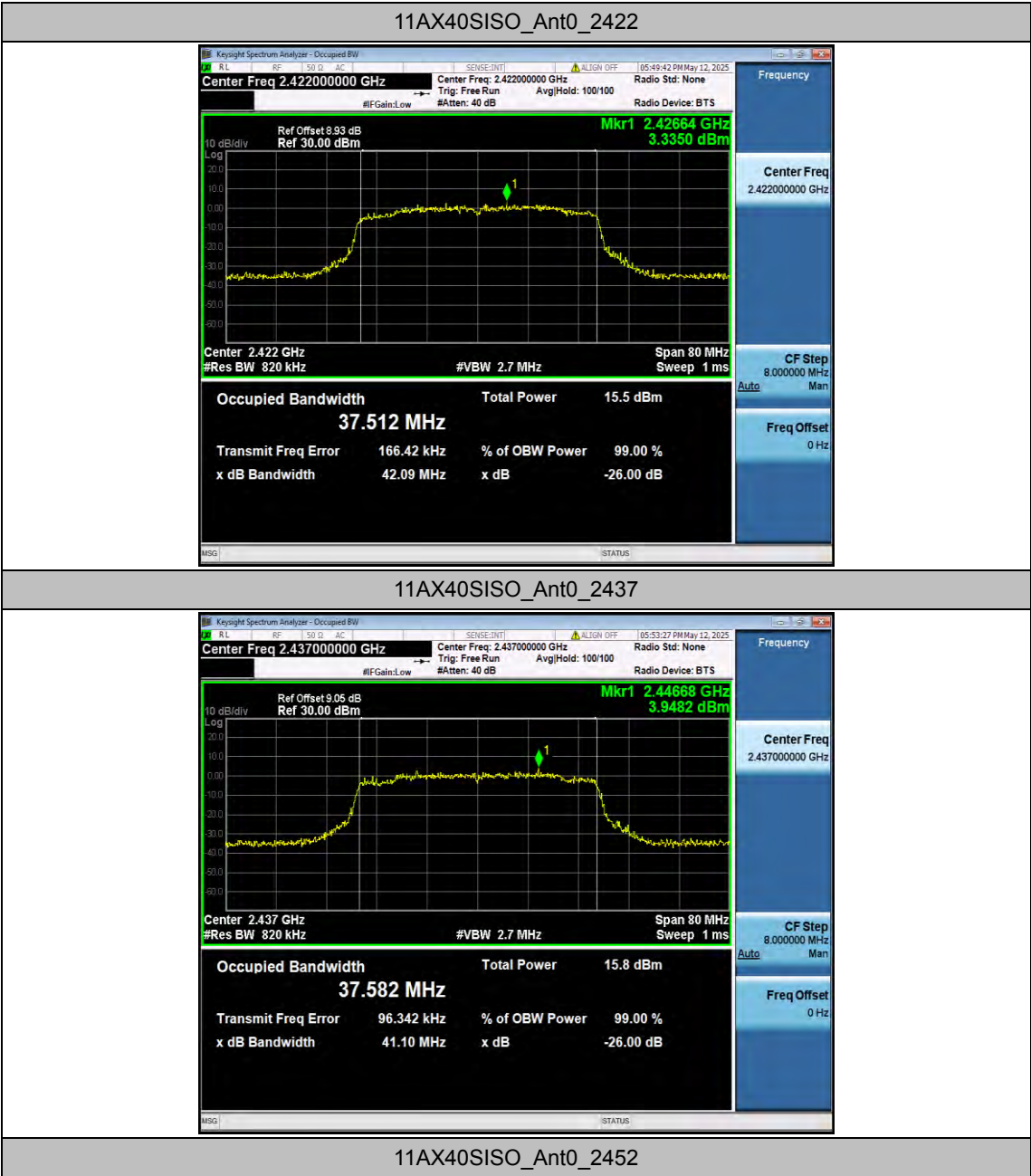


11AX20SISO_Ant0_2437



11AX20SISO_Ant0_2462







Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	13.66	≤30.00	PASS
		2437	14.51	≤30.00	PASS
		2462	15.88	≤30.00	PASS
11G	Ant0	2412	15.02	≤30.00	PASS
		2437	16.66	≤30.00	PASS
		2462	17.15	≤30.00	PASS
11N20SISO	Ant0	2412	15.55	≤30.00	PASS
		2437	16.66	≤30.00	PASS
		2462	16.14	≤30.00	PASS
11N40SISO	Ant0	2422	14.74	≤30.00	PASS
		2437	15.59	≤30.00	PASS
		2452	15.36	≤30.00	PASS
11AX20SISO	Ant0	2412	15.51	≤30.00	PASS
		2437	16.77	≤30.00	PASS
		2462	16.99	≤30.00	PASS
11AX40SISO	Ant0	2422	14.85	≤30.00	PASS
		2437	15.21	≤30.00	PASS
		2452	15.77	≤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	Ant0	2412	-8.87	≤8.00	PASS
		2437	-8.82	≤8.00	PASS
		2462	-8.83	≤8.00	PASS
11G	Ant0	2412	-11.51	≤8.00	PASS
		2437	-14.70	≤8.00	PASS
		2462	-15.93	≤8.00	PASS
11N20SISO	Ant0	2412	-16.92	≤8.00	PASS
		2437	-14.69	≤8.00	PASS
		2462	-16.68	≤8.00	PASS
11N40SISO	Ant0	2422	-19.10	≤8.00	PASS
		2437	-19.73	≤8.00	PASS
		2452	-18.00	≤8.00	PASS
11AX20SISO	Ant0	2412	-18.20	≤8.00	PASS
		2437	-17.16	≤8.00	PASS
		2462	-18.67	≤8.00	PASS
11AX40SISO	Ant0	2422	-19.07	≤8.00	PASS
		2437	-19.90	≤8.00	PASS
		2452	-20.27	≤8.00	PASS

Test Graphs

11B_Ant0_2412



11B_Ant0_2437



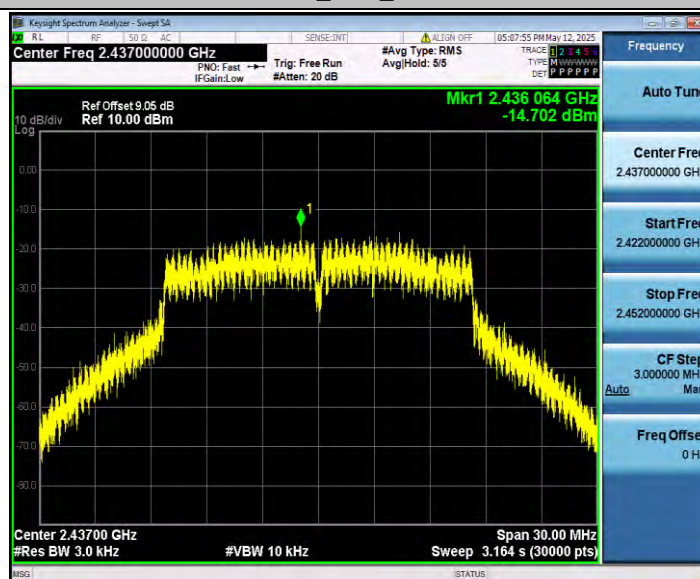
11B_Ant0_2462



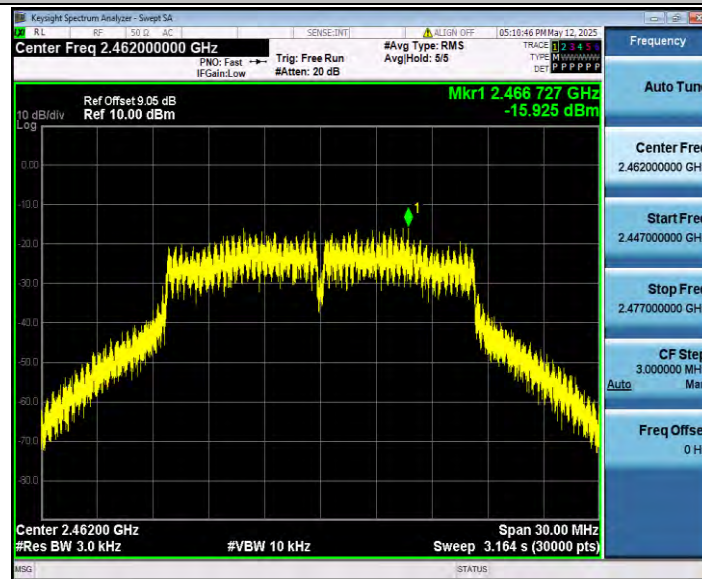
11G_Ant0_2412



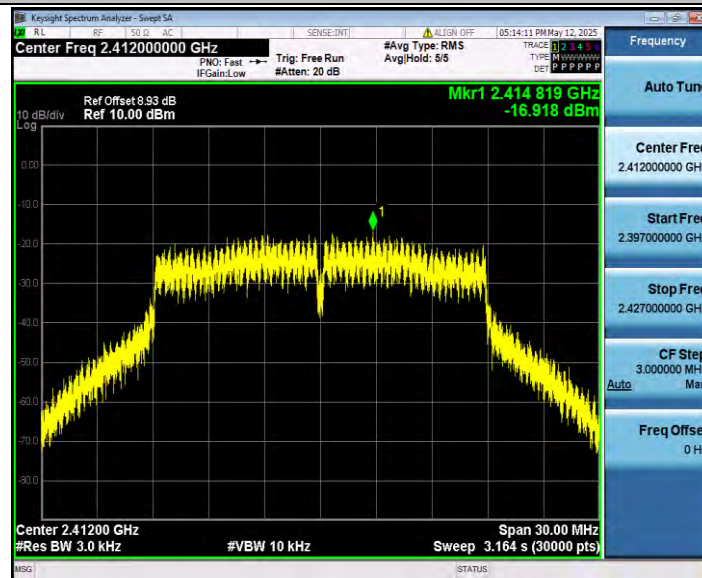
11G_Ant0_2437



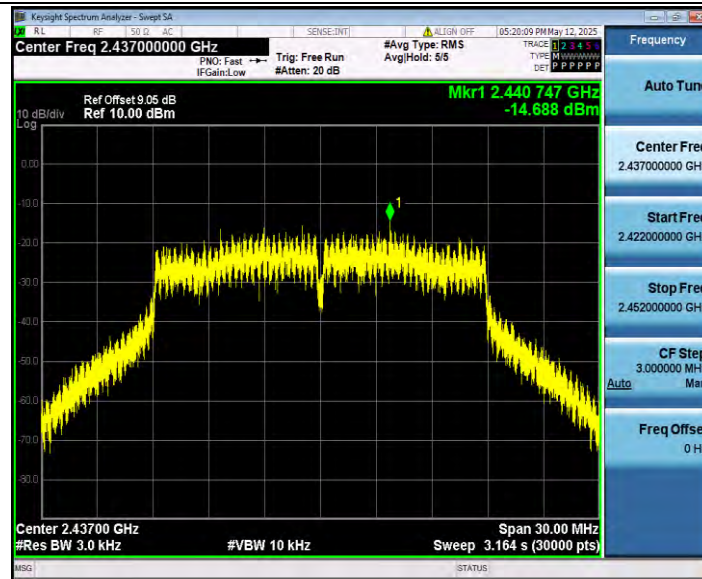
11G_Ant0_2462



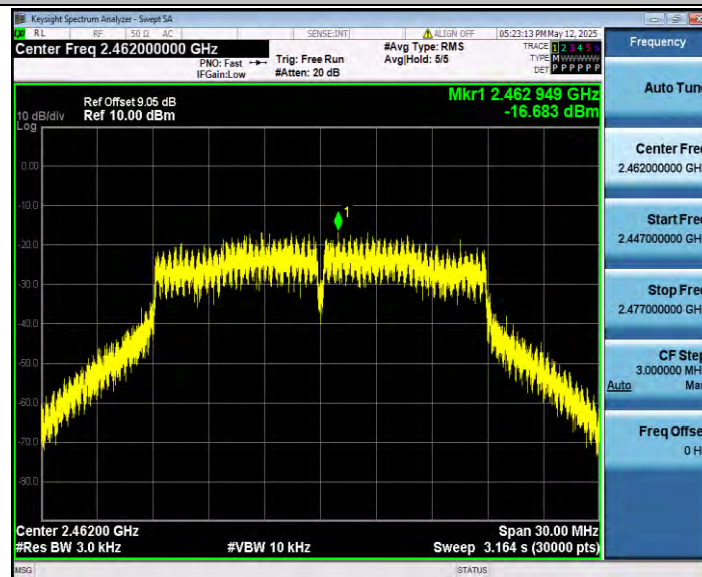
11N20SISO_Ant0_2412



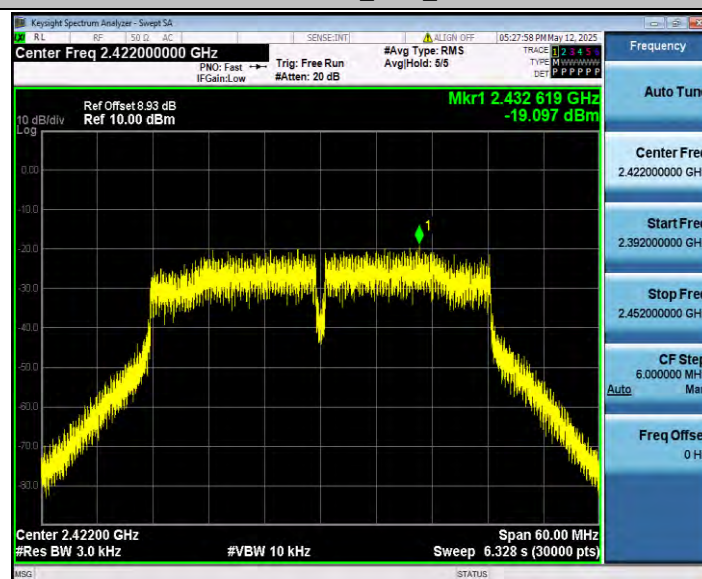
11N20SISO_Ant0_2437



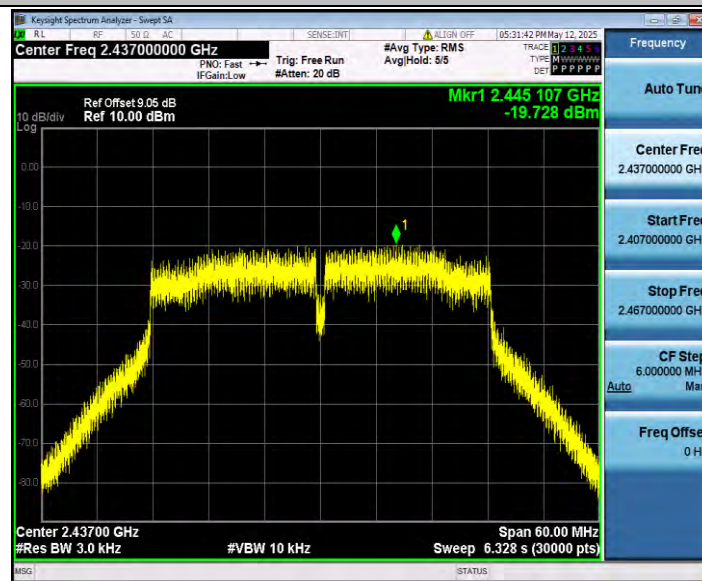
11N20SISO_Ant0_2462



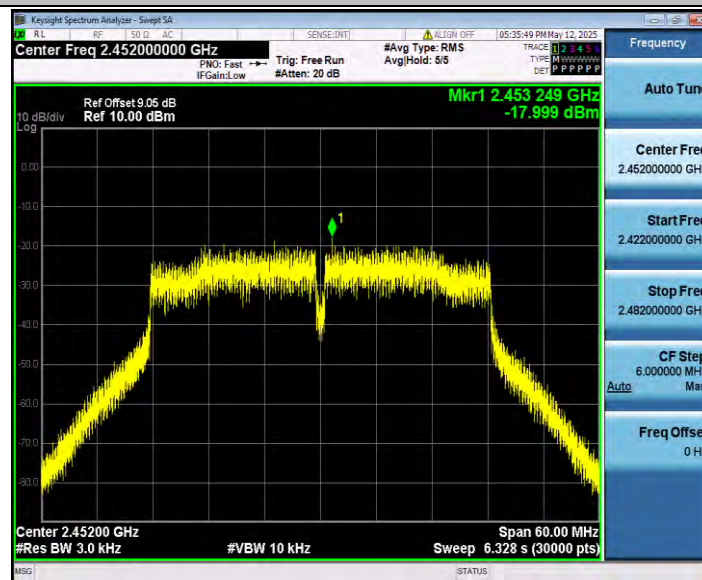
11N40SISO_Ant0_2422



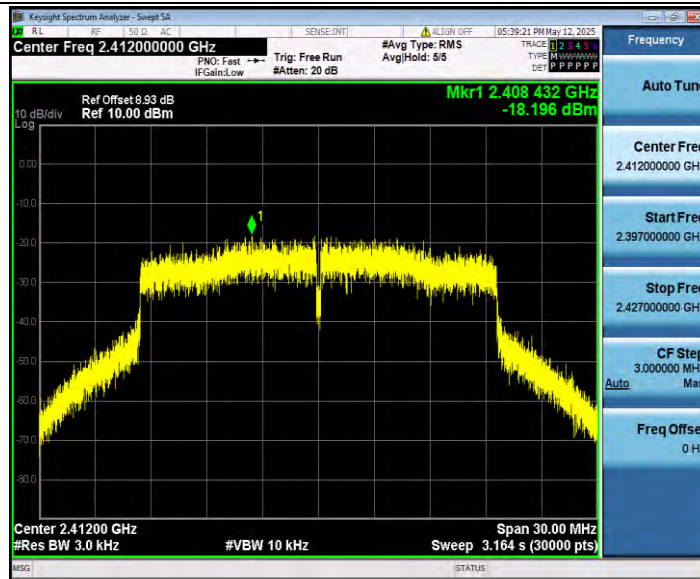
11N40SISO_Ant0_2437



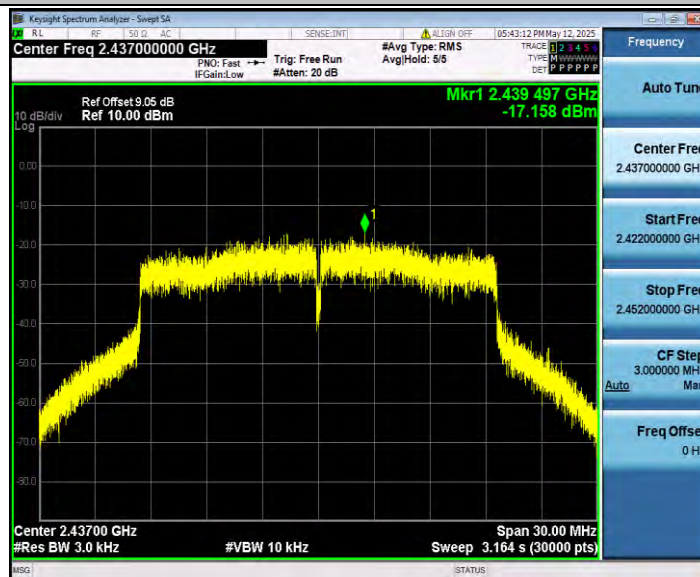
11N40SISO_Ant0_2452



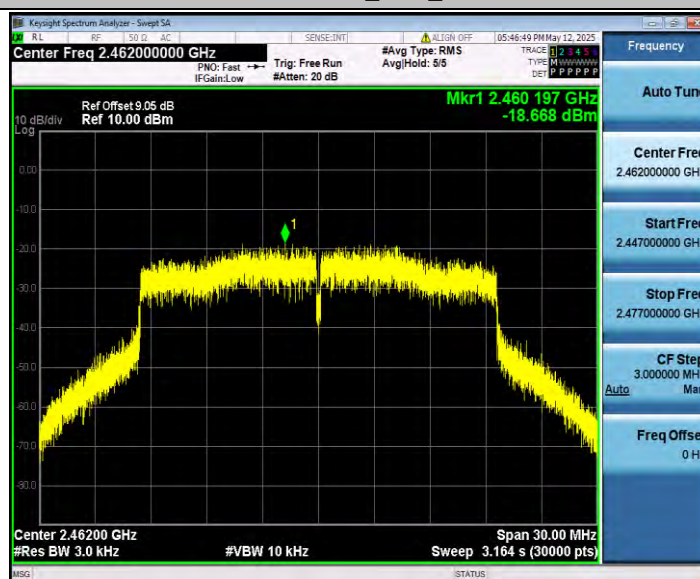
11AX20SISO_Ant0_2412



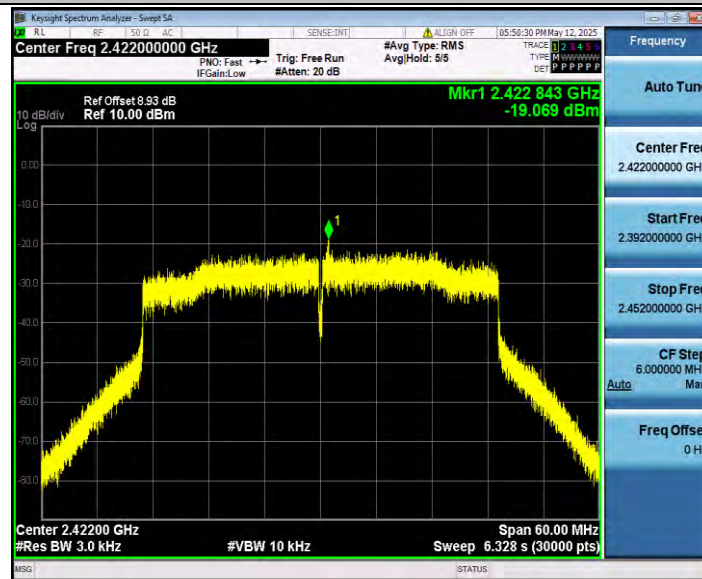
11AX20SISO_Ant0_2437



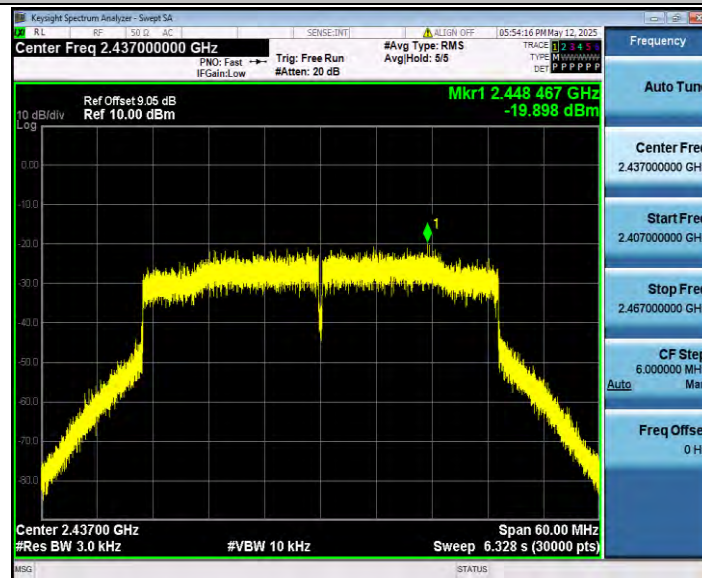
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

