

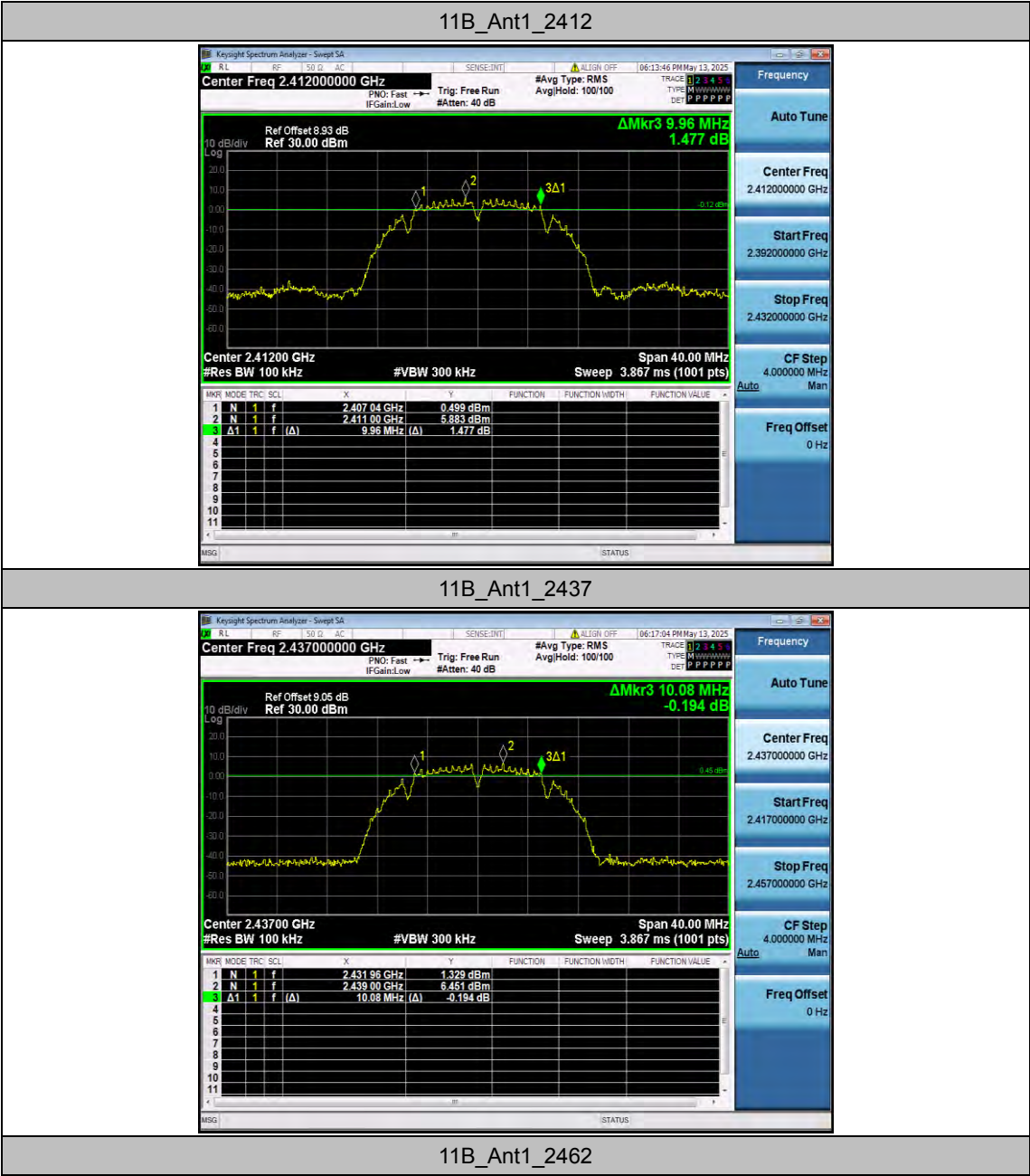
Case No. : <u>GTS20250225018-5-07</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.5.13</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.960	2407.040	2417.000	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	12.640	2406.920	2419.560	0.5	PASS
		2437	13.840	2430.720	2444.560	0.5	PASS
		2462	14.120	2455.680	2469.800	0.5	PASS
11N20SISO	Ant1	2412	14.400	2405.120	2419.520	0.5	PASS
		2437	12.520	2429.520	2442.040	0.5	PASS
		2462	10.120	2456.960	2467.080	0.5	PASS
11N40SISO	Ant1	2422	26.400	2409.440	2435.840	0.5	PASS
		2437	32.800	2421.960	2454.760	0.5	PASS
		2452	33.840	2435.680	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	18.320	2427.760	2446.080	0.5	PASS
		2462	16.720	2454.120	2470.840	0.5	PASS
11AX40SISO	Ant1	2422	30.800	2409.200	2440.000	0.5	PASS
		2437	31.440	2423.400	2454.840	0.5	PASS
		2452	32.000	2437.040	2469.040	0.5	PASS

Test Graphs





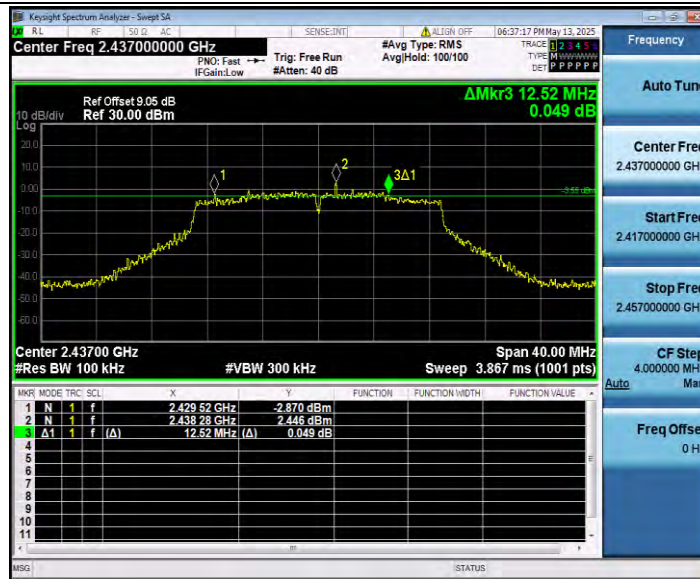
11G_Ant1_2462



11N20SISO_Ant1_2412



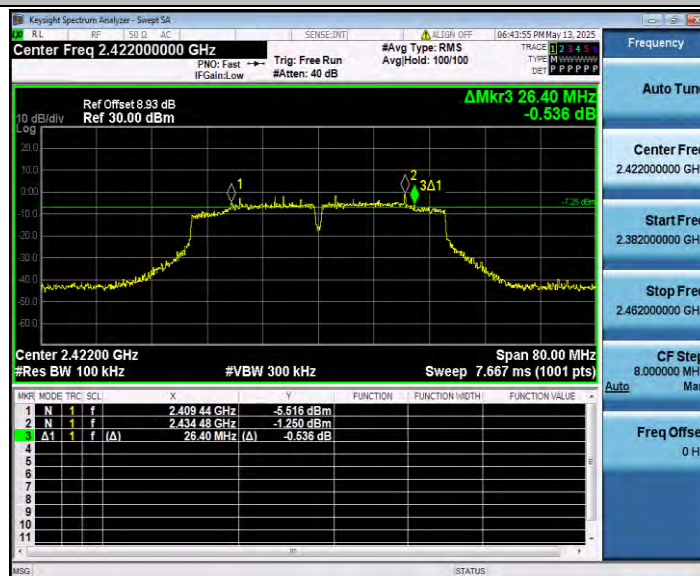
11N20SISO_Ant1_2437



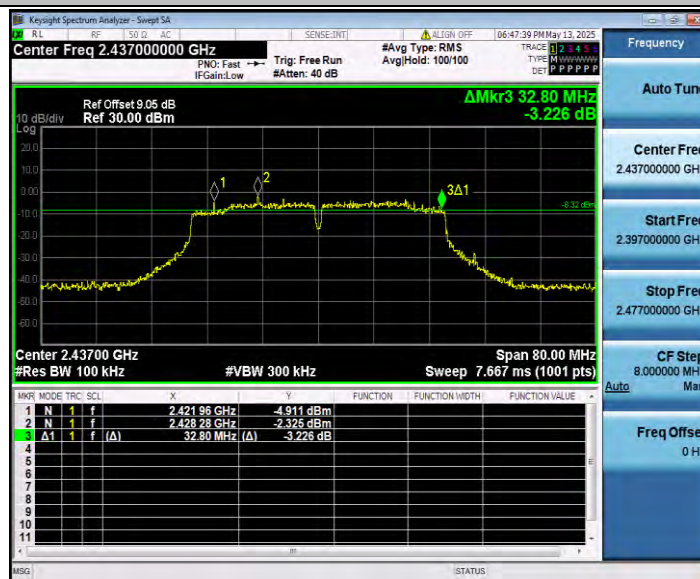
11N20SISO_Ant1_2462



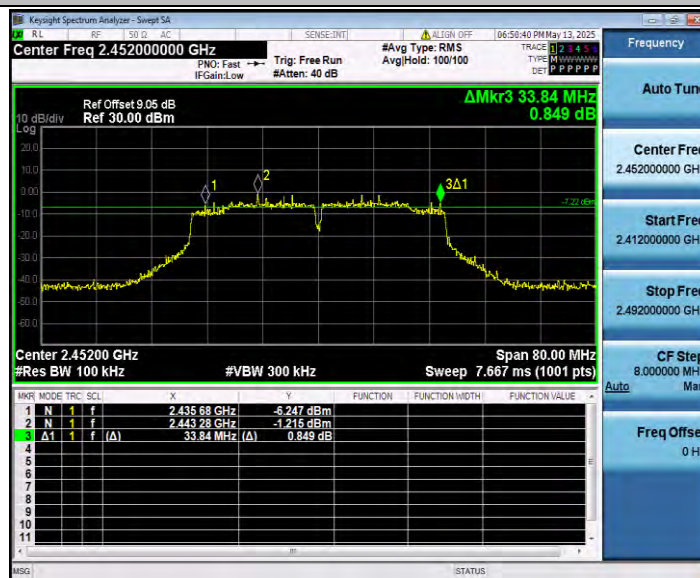
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437

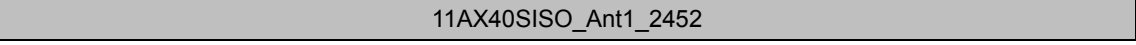
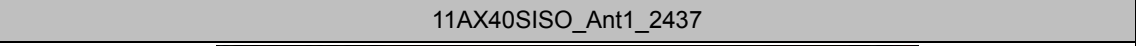


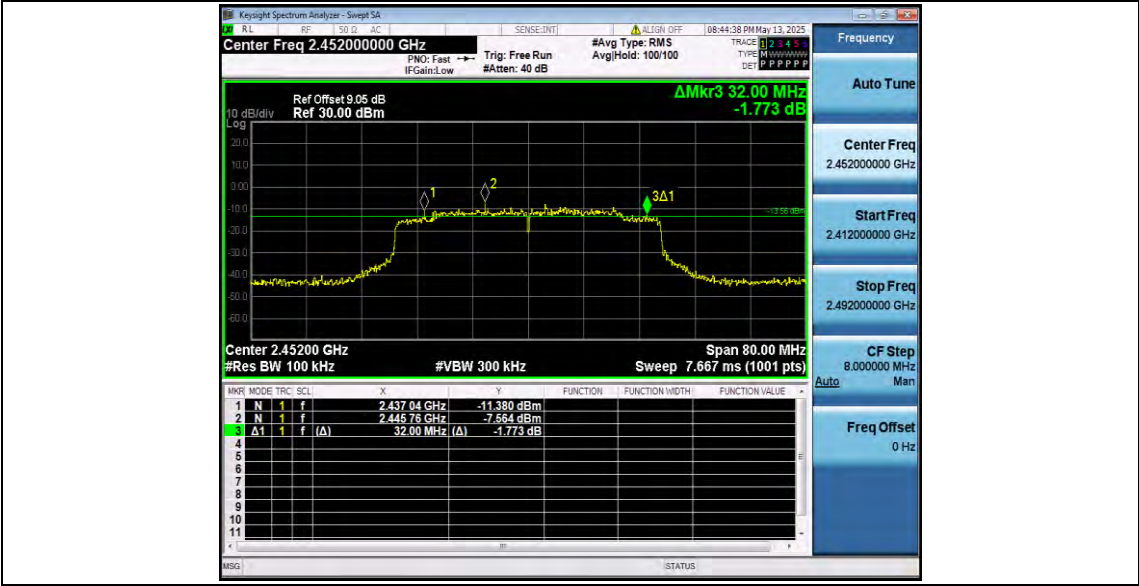
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412





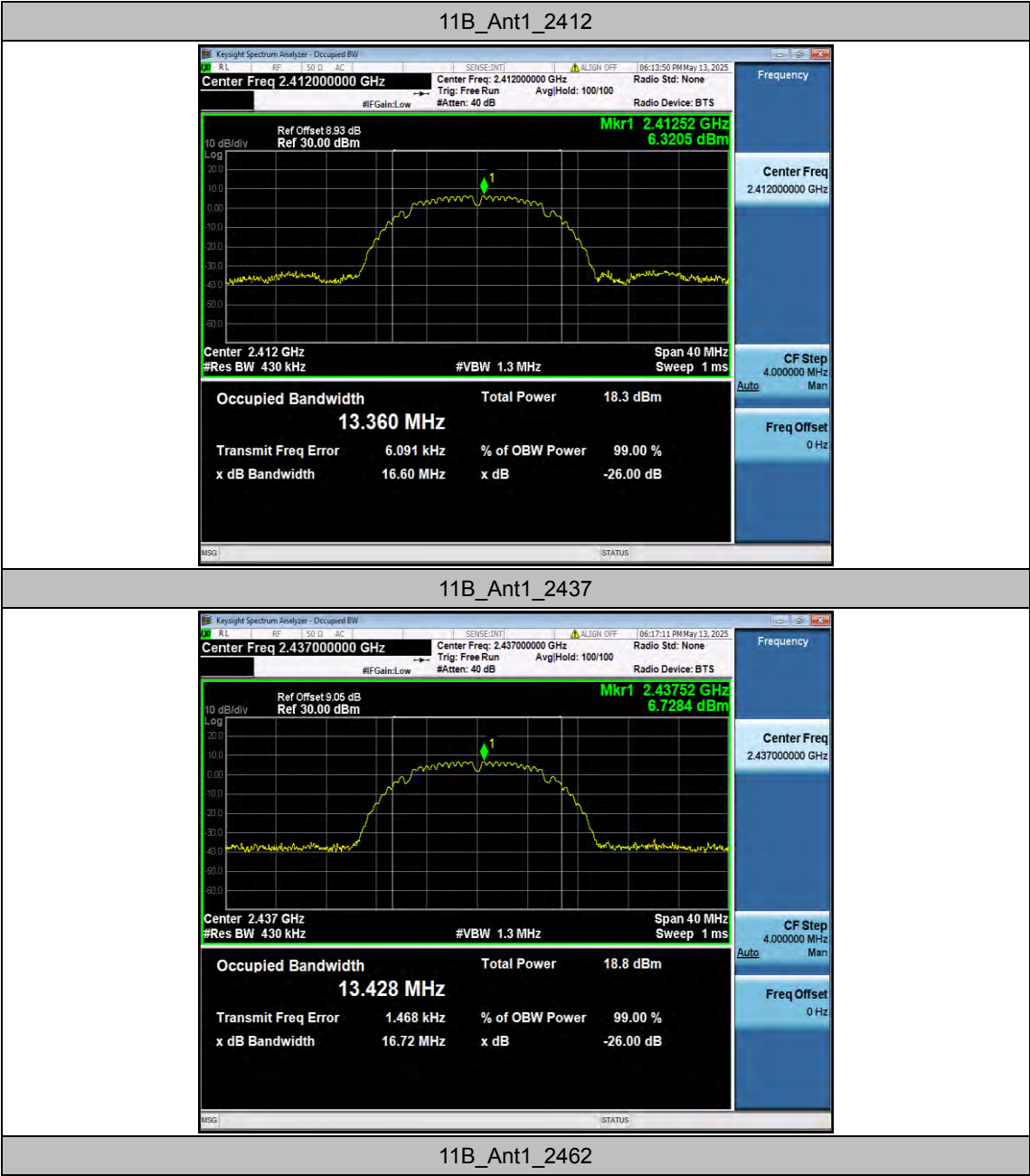


Appendix A.2: Occupied Channel Bandwidth

Test Result

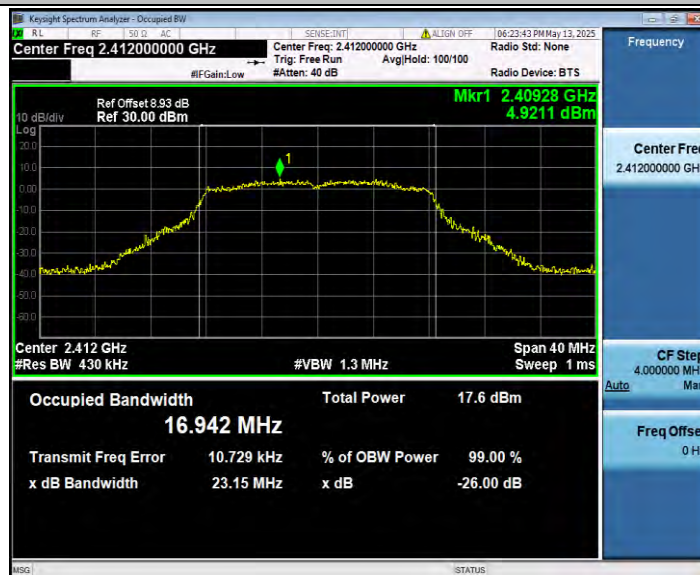
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.360	2405.3261	2418.6861	---	---
		2437	13.428	2430.2875	2443.7155	---	---
		2462	13.388	2455.2995	2468.6875	---	---
11G	Ant1	2412	16.942	2403.5397	2420.4817	---	---
		2437	16.980	2428.5002	2445.4802	---	---
		2462	16.919	2453.5063	2470.4253	---	---
11N20SISO	Ant1	2412	17.880	2403.0907	2420.9707	---	---
		2437	17.927	2428.0466	2445.9736	---	---
		2462	17.949	2453.0031	2470.9521	---	---
11N40SISO	Ant1	2422	36.079	2404.1398	2440.2188	---	---
		2437	36.084	2419.0487	2455.1327	---	---
		2452	36.113	2433.9871	2470.1001	---	---
11AX20SISO	Ant1	2412	18.925	2402.5530	2421.4780	---	---
		2437	18.998	2427.5221	2446.5201	---	---
		2462	18.945	2452.5219	2471.4669	---	---
11AX40SISO	Ant1	2422	37.524	2403.3873	2440.9113	---	---
		2437	37.658	2418.2189	2455.8769	---	---
		2452	37.544	2433.2613	2470.8053	---	---

Test Graphs

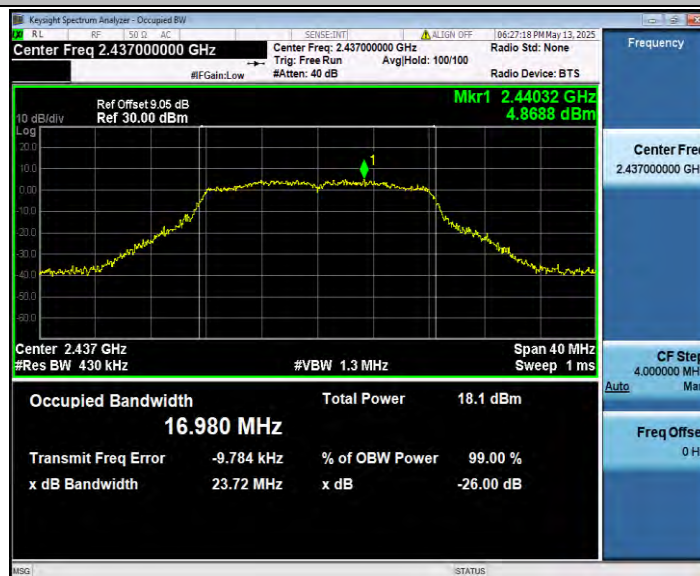




11G_Ant1_2412



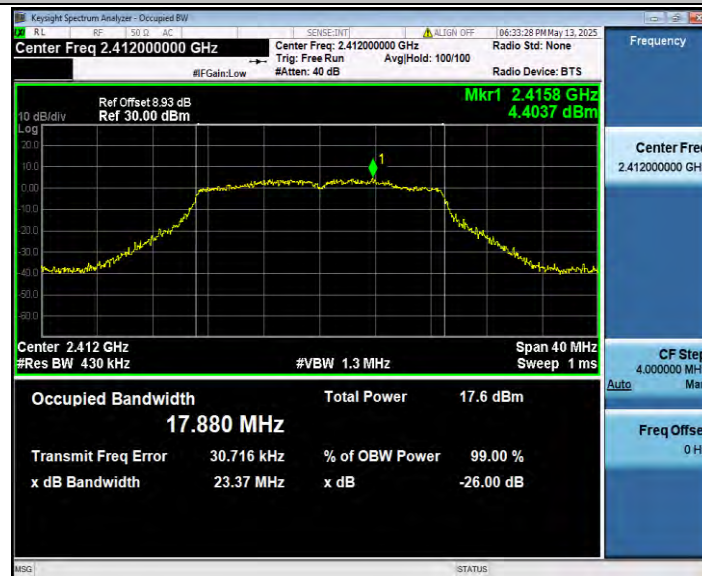
11G_Ant1_2437



11G_Ant1_2462



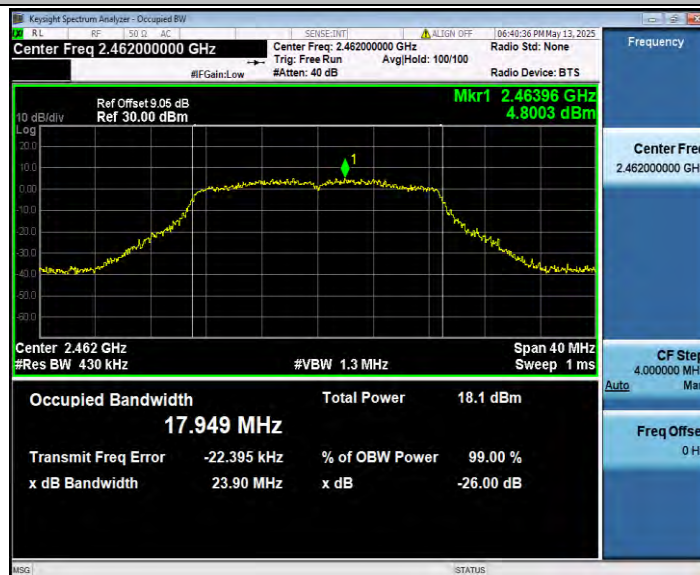
11N20SISO_Ant1_2412



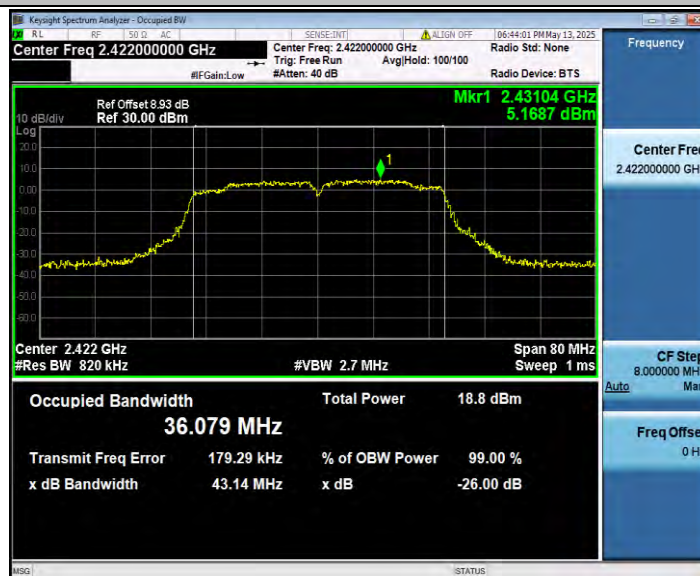
11N20SISO_Ant1_2437



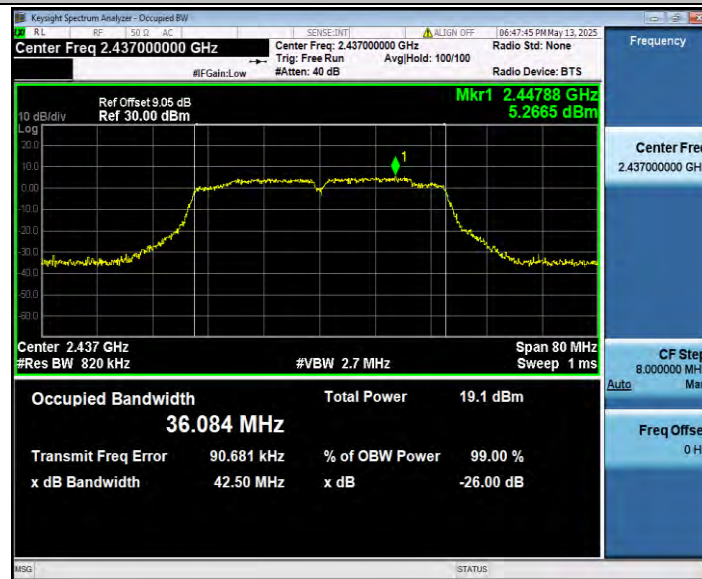
11N20SISO_Ant1_2462



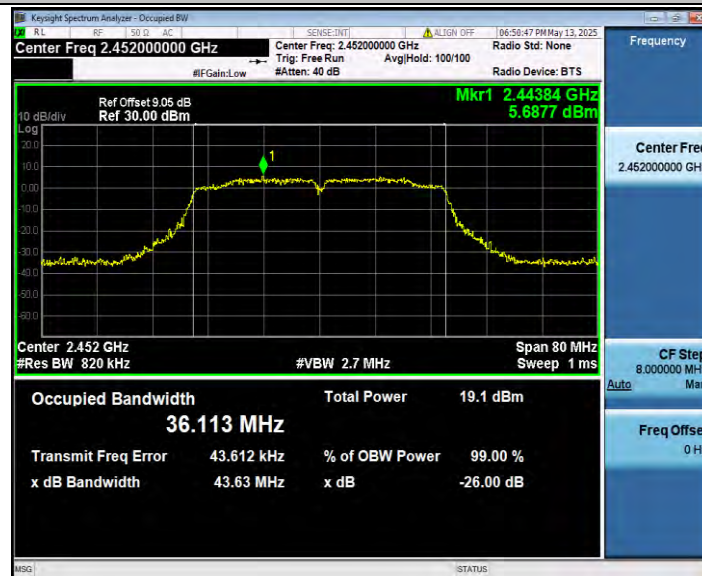
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



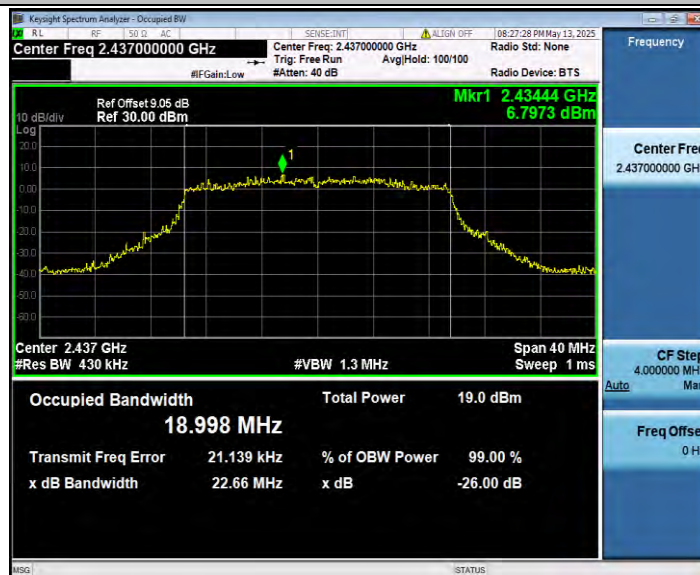
11N40SISO_Ant1_2452



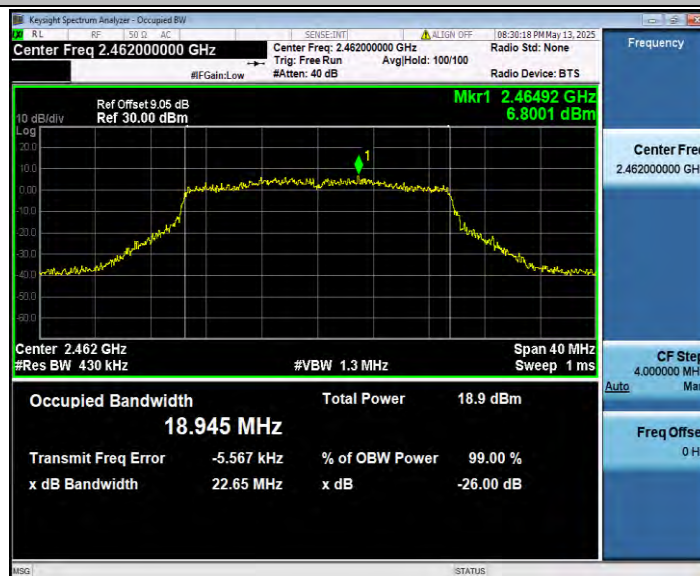
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



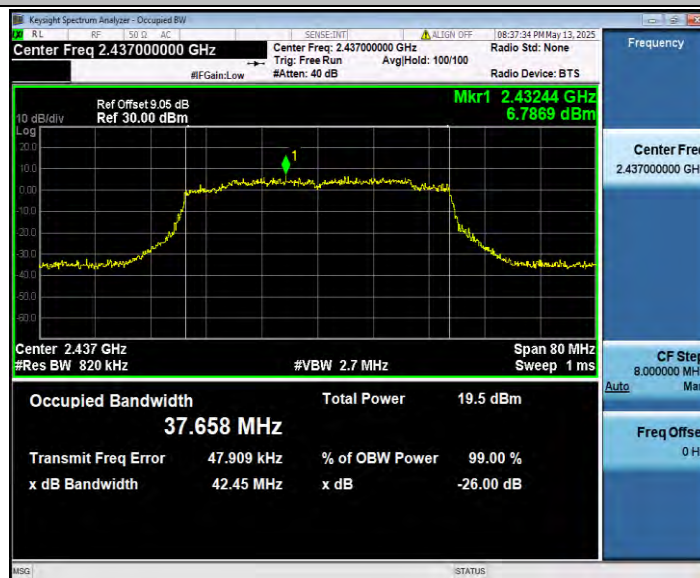
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.21	≤30.00	PASS
		2437	14.77	≤30.00	PASS
		2462	14.14	≤30.00	PASS
11G	Ant1	2412	15.21	≤30.00	PASS
		2437	16.88	≤30.00	PASS
		2462	17.66	≤30.00	PASS
11N20SISO	Ant1	2412	15.66	≤30.00	PASS
		2437	16.24	≤30.00	PASS
		2462	16.01	≤30.00	PASS
11N40SISO	Ant1	2422	14.88	≤30.00	PASS
		2437	15.77	≤30.00	PASS
		2452	15.66	≤30.00	PASS
11AX20SISO	Ant1	2412	15.33	≤30.00	PASS
		2437	16.41	≤30.00	PASS
		2462	16.02	≤30.00	PASS
11AX40SISO	Ant1	2422	14.99	≤30.00	PASS
		2437	15.32	≤30.00	PASS
		2452	15.44	≤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	-8.24	≤8.00	PASS
		2437	-7.11	≤8.00	PASS
		2462	-6.92	≤8.00	PASS
11G	Ant1	2412	-12.65	≤8.00	PASS
		2437	-13.26	≤8.00	PASS
		2462	-12.57	≤8.00	PASS
11N20SISO	Ant1	2412	-13.73	≤8.00	PASS
		2437	-13.73	≤8.00	PASS
		2462	-13.37	≤8.00	PASS
11N40SISO	Ant1	2422	-16.37	≤8.00	PASS
		2437	-15.99	≤8.00	PASS
		2452	-15.41	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.56	≤8.00	PASS
		2437	-13.44	≤8.00	PASS
		2462	-14.57	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.40	≤8.00	PASS
		2437	-17.16	≤8.00	PASS
		2452	-21.64	≤8.00	PASS

Test Graphs

11B_Ant1_2412



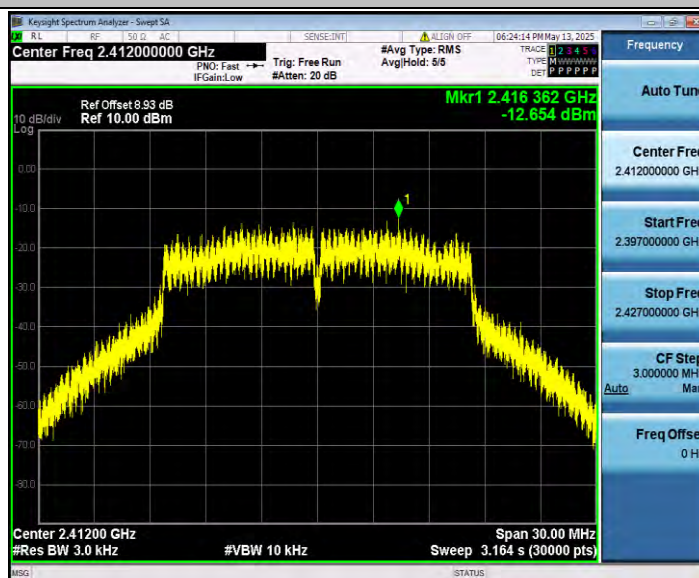
11B_Ant1_2437



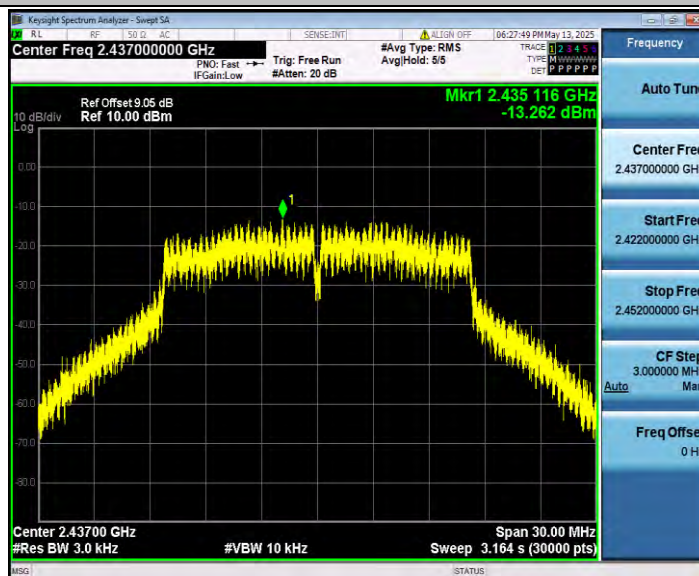
11B_Ant1_2462



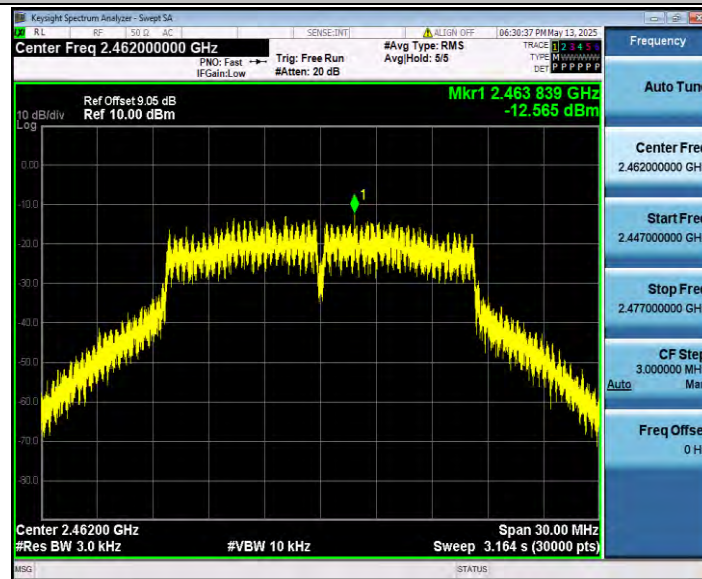
11G_Ant1_2412



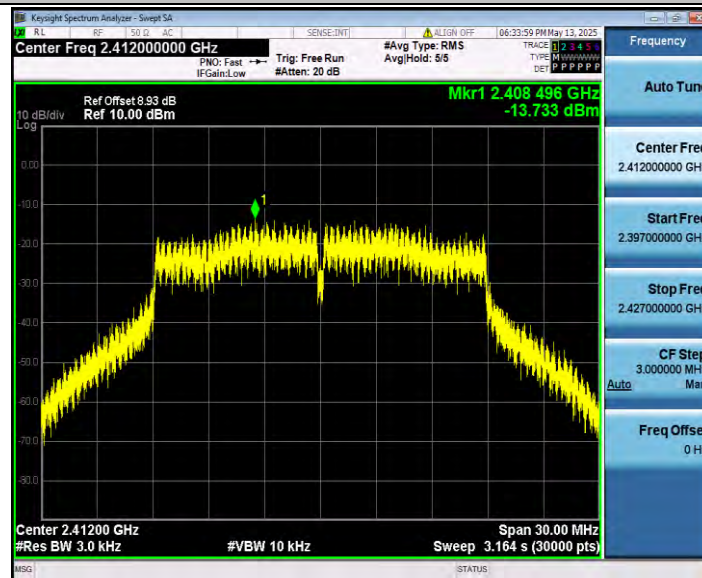
11G_Ant1_2437



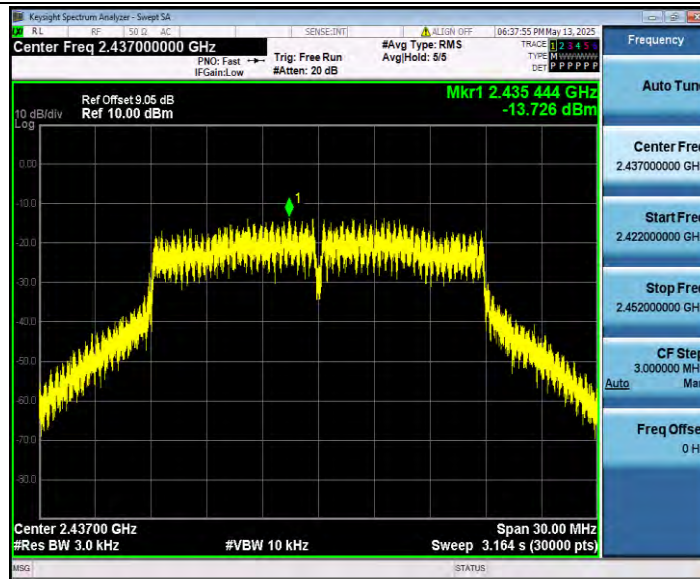
11G_Ant1_2462



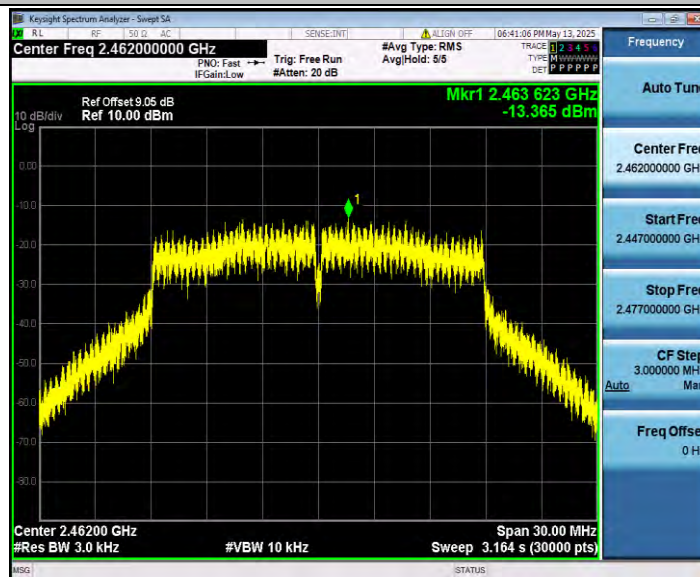
11N20SISO_Ant1_2412



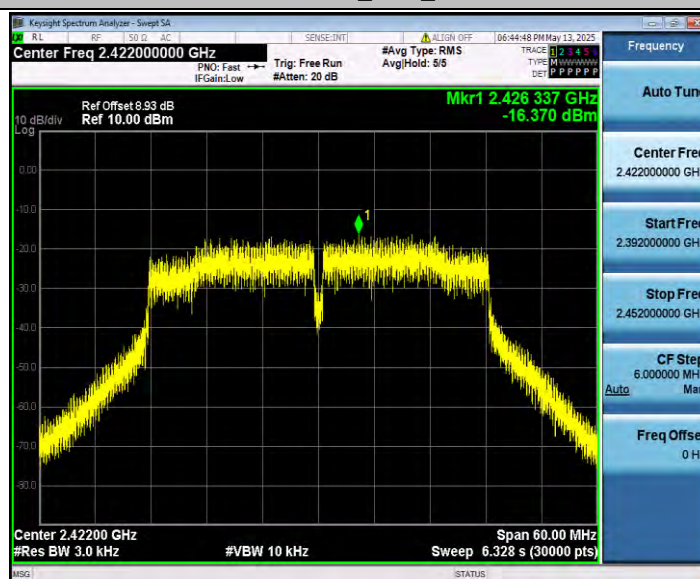
11N20SISO_Ant1_2437



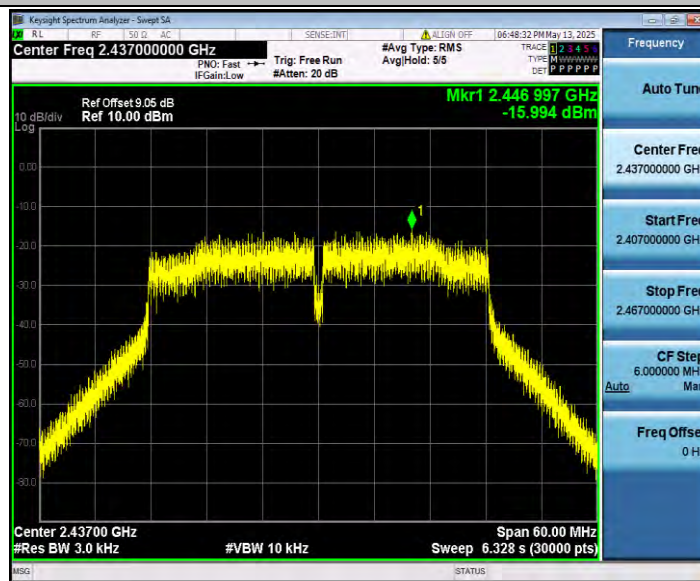
11N20SISO_Ant1_2462



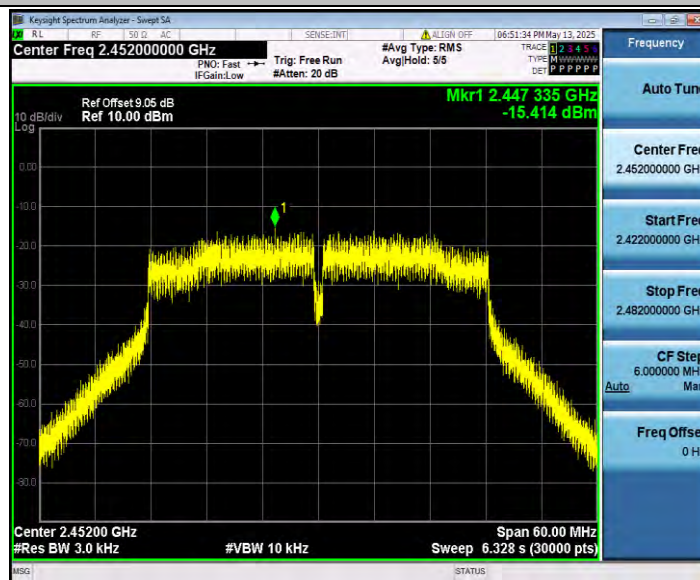
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



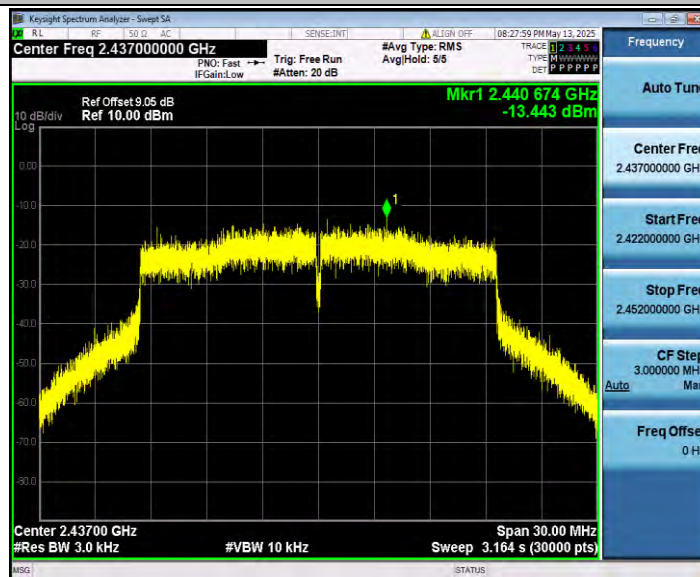
11N40SISO_Ant1_2452



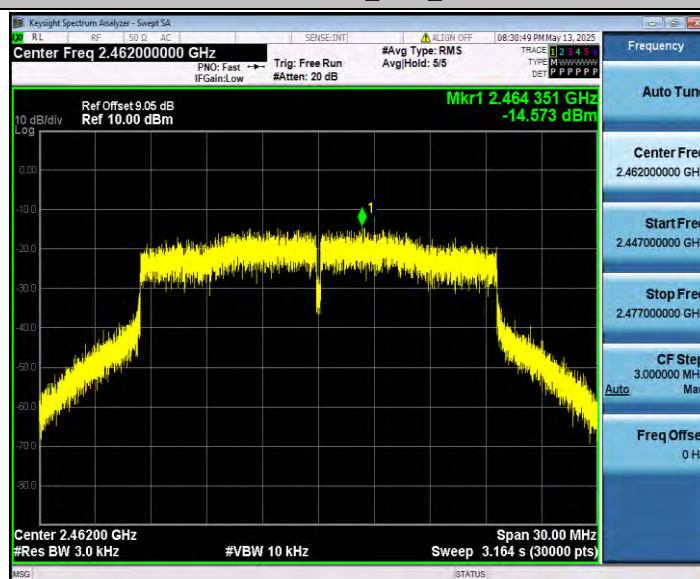
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

