

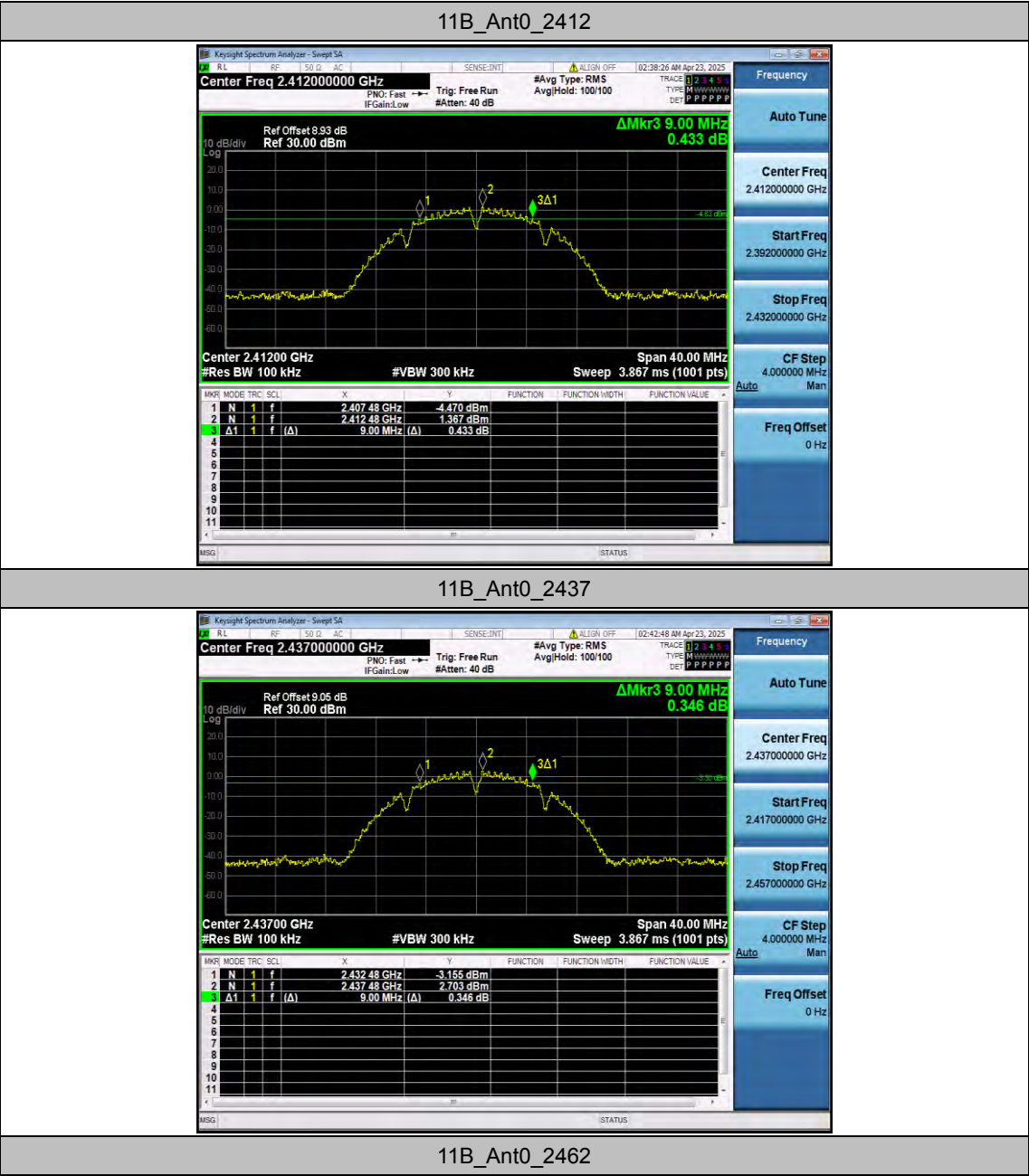
Case No. : <u>GTS20250225016-1-07</u>	
Ambient Condition: <u>22</u> °C, <u>54</u> %RH,	
Test Date: <u>2025.4.22</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	9.000	2407.480	2416.480	0.5	PASS
		2437	9.000	2432.480	2441.480	0.5	PASS
		2462	8.960	2457.520	2466.480	0.5	PASS
11G	Ant0	2412	15.040	2404.520	2419.560	0.5	PASS
		2437	15.440	2429.440	2444.880	0.5	PASS
		2462	15.120	2454.400	2469.520	0.5	PASS
11N20SISO	Ant0	2412	15.080	2404.480	2419.560	0.5	PASS
		2437	16.200	2429.240	2445.440	0.5	PASS
		2462	13.120	2454.480	2467.600	0.5	PASS
11N40SISO	Ant0	2422	32.560	2405.760	2438.320	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	33.840	2435.680	2469.520	0.5	PASS
11AX20SISO	Ant0	2412	15.880	2403.840	2419.720	0.5	PASS
		2437	15.040	2429.440	2444.480	0.5	PASS
		2462	13.880	2455.640	2469.520	0.5	PASS
11AX40SISO	Ant0	2422	35.120	2404.400	2439.520	0.5	PASS
		2437	33.840	2420.680	2454.520	0.5	PASS
		2452	33.840	2435.680	2469.520	0.5	PASS

Test Graphs



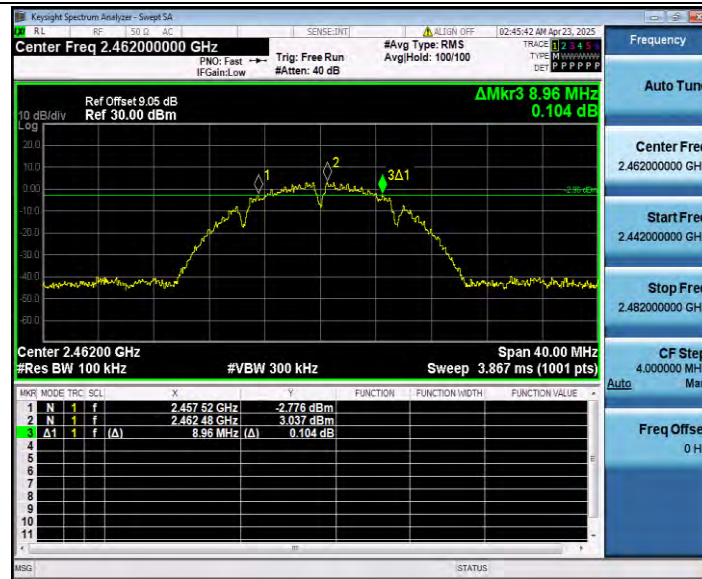
11B_Ant0_2437

Frequency

Auto Tune

Center Freq
2.43700000 GHzStart Freq
2.417000000 GHzStop Freq
2.457000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

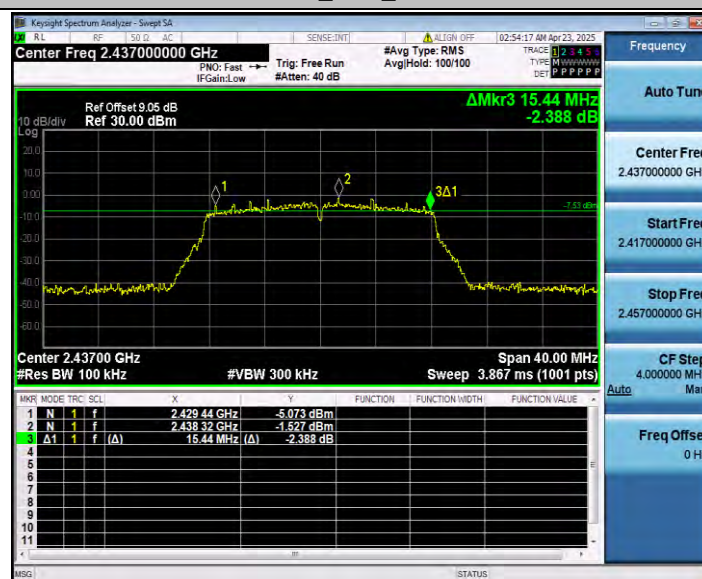
11B_Ant0_2462



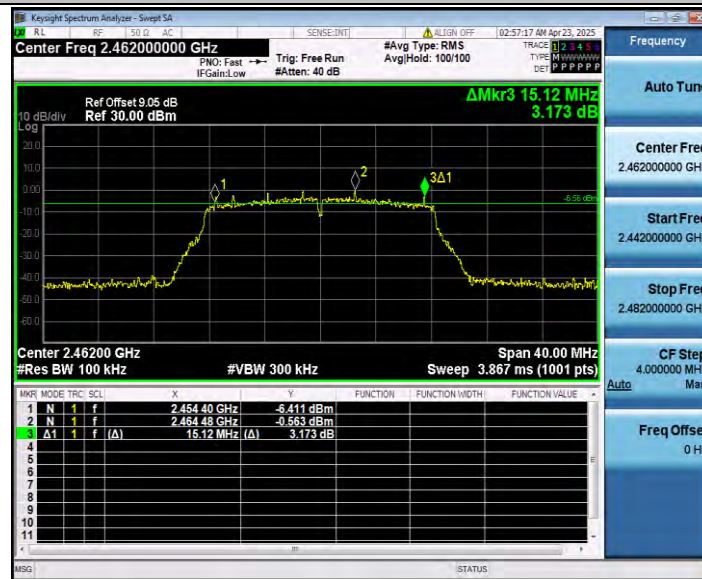
11G_Ant0_2412



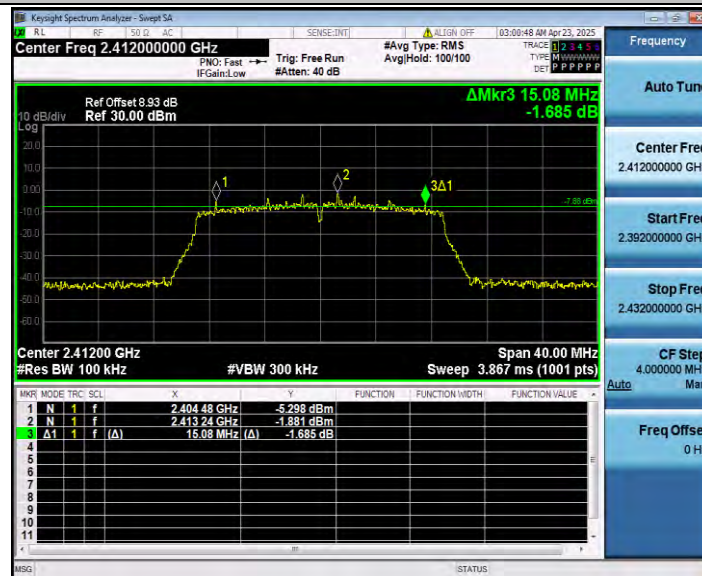
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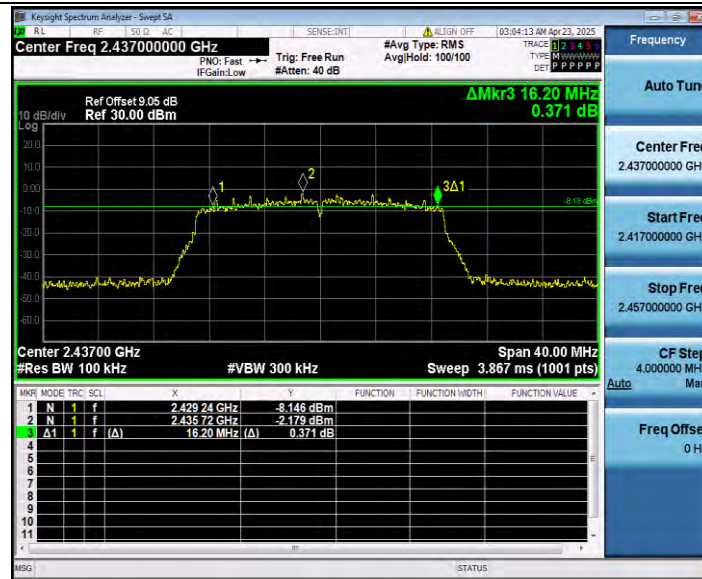
11G_Ant0_2462



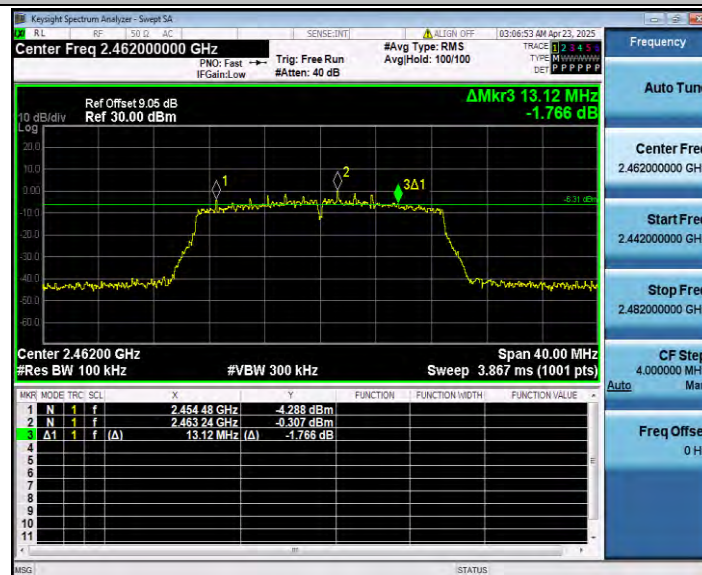
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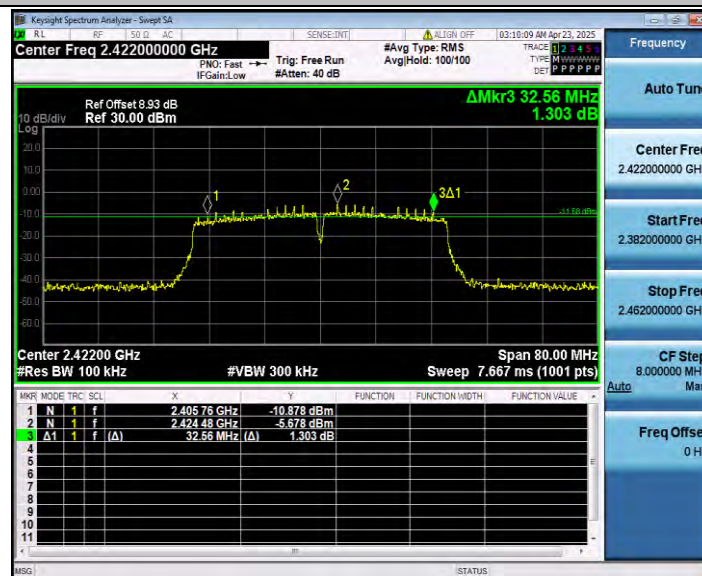
11N20SISO_Ant0_2437



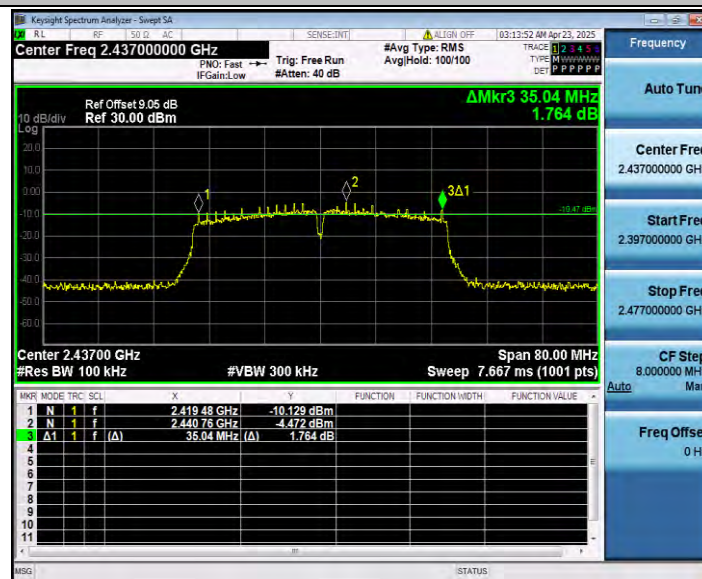
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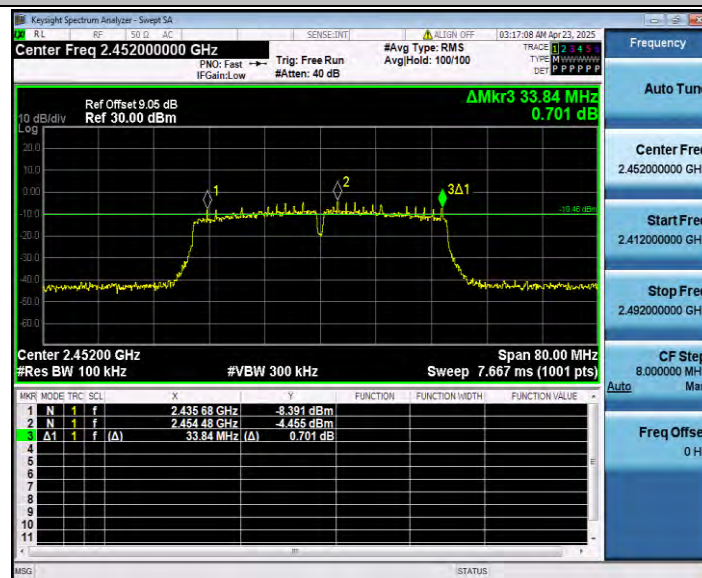
11N40SISO_Ant0_2422



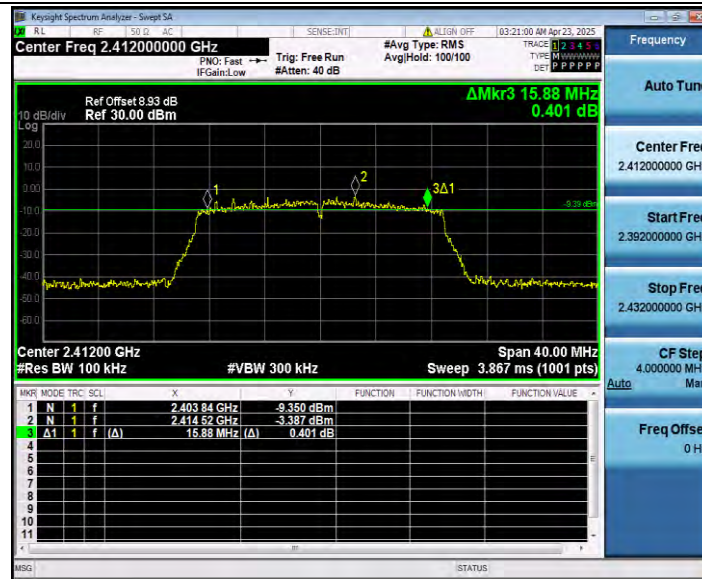
11N40SISO_Ant0_2437



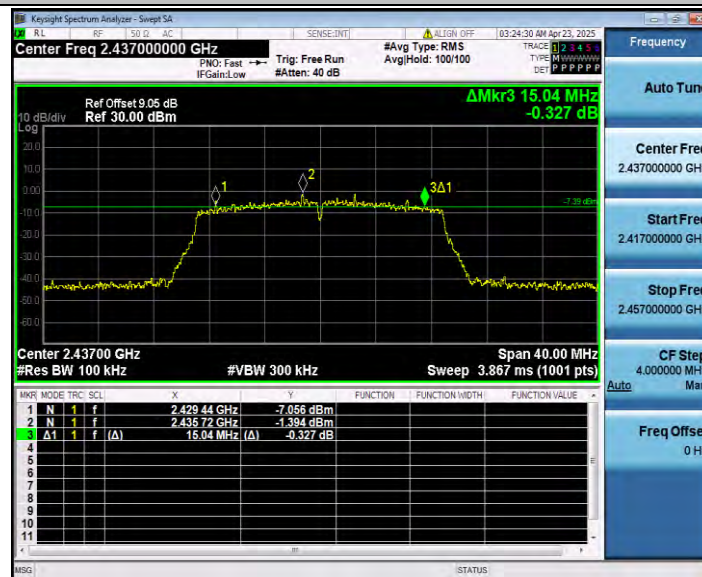
11N40SISO_Ant0_2452



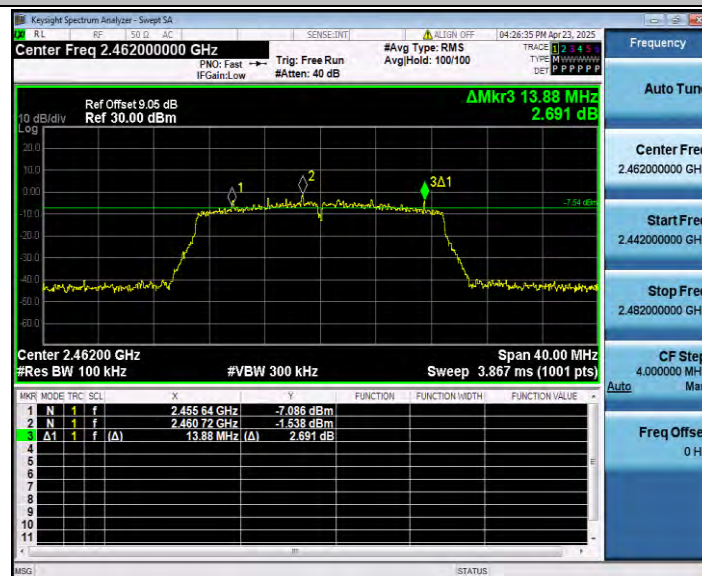
11AX20SISO_Ant0_2412



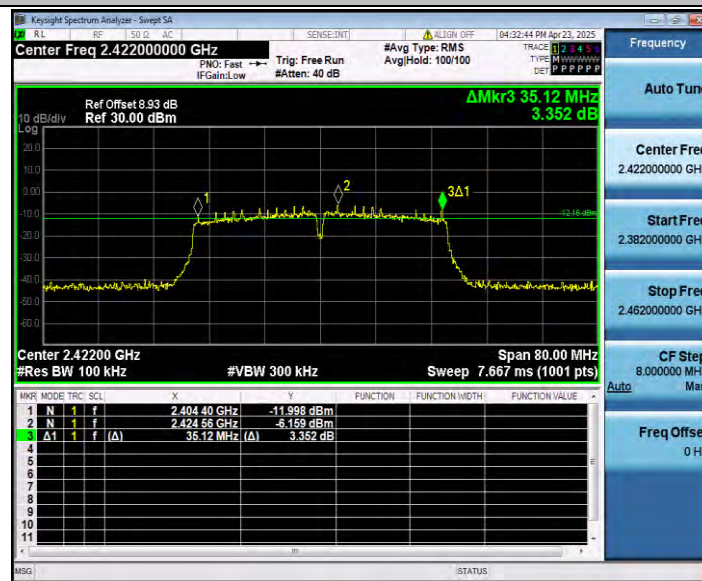
11AX20SISO_Ant0_2437



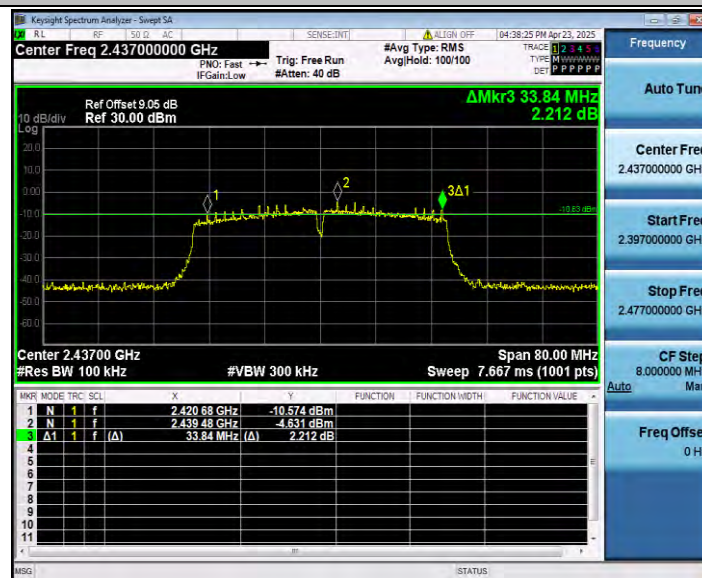
11AX20SISO_Ant0_2462



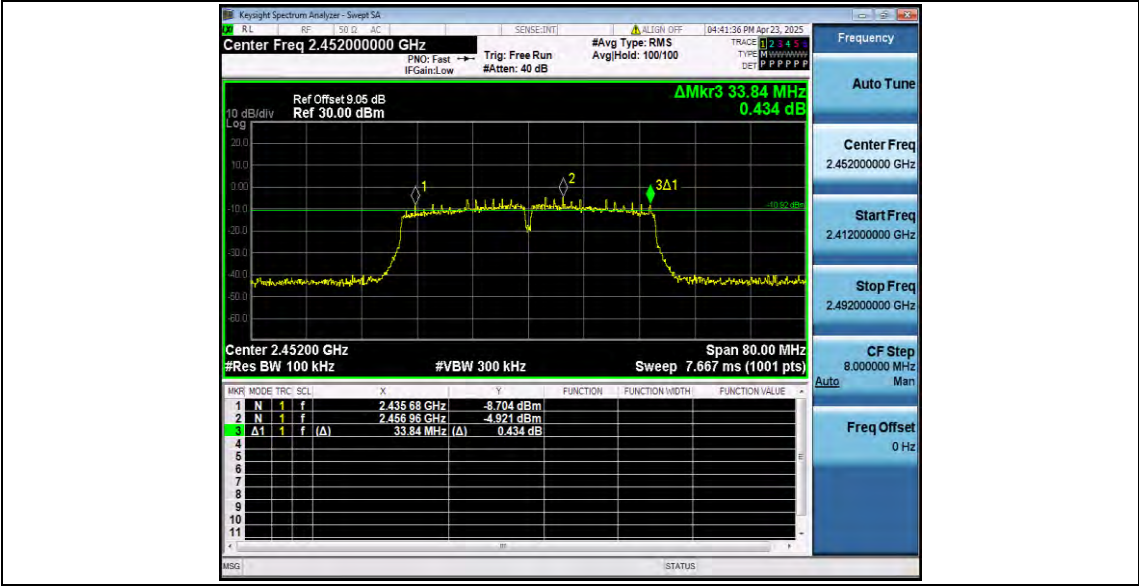
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



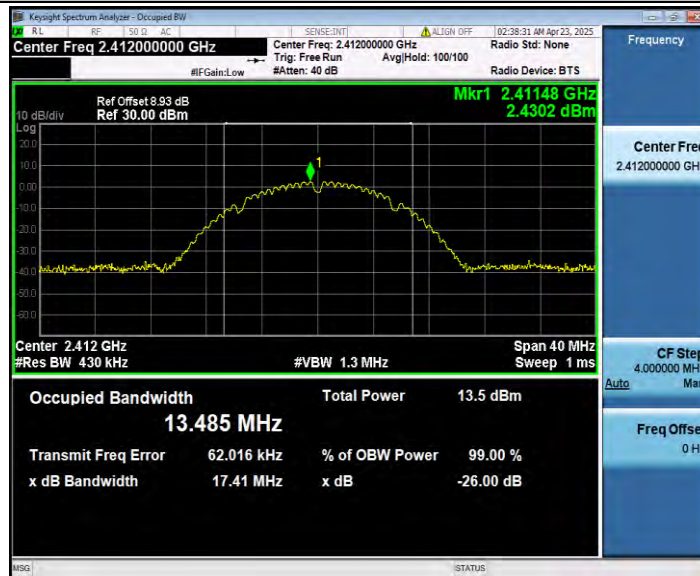
Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	13.485	2405.3195	2418.8045	---	---
		2437	13.387	2430.3493	2443.7363	---	---
		2462	13.362	2455.3223	2468.6843	---	---
11G	Ant0	2412	16.877	2403.5496	2420.4266	---	---
		2437	16.874	2428.5786	2445.4526	---	---
		2462	16.729	2453.6297	2470.3587	---	---
11N20SISO	Ant0	2412	17.778	2403.1177	2420.8957	---	---
		2437	17.743	2428.1643	2445.9073	---	---
		2462	17.779	2453.1246	2470.9036	---	---
11N40SISO	Ant0	2422	36.145	2404.0009	2440.1459	---	---
		2437	35.920	2419.1366	2455.0566	---	---
		2452	36.043	2434.0351	2470.0781	---	---
11AX20SISO	Ant0	2412	17.775	2403.1121	2420.8871	---	---
		2437	17.783	2428.1292	2445.9122	---	---
		2462	17.768	2453.1044	2470.8724	---	---
11AX40SISO	Ant0	2422	36.197	2403.9843	2440.1813	---	---
		2437	36.043	2419.0815	2455.1245	---	---
		2452	36.144	2433.9709	2470.1149	---	---

Test Graphs

11B_Ant0_2412



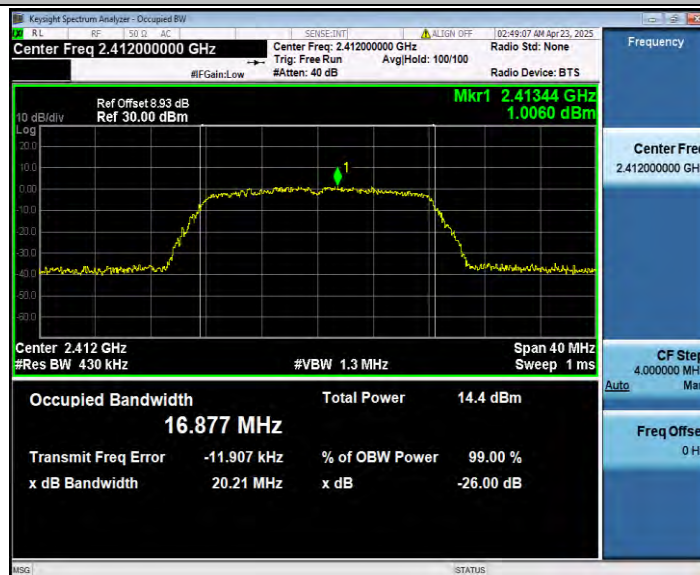
11B_Ant0_2437



11B_Ant0_2462



11G_Ant0_2412



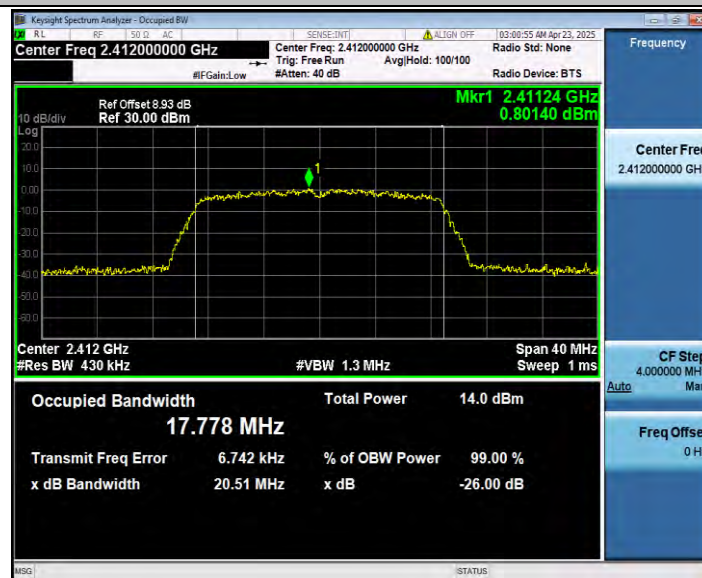
11G_Ant0_2437



11G_Ant0_2462



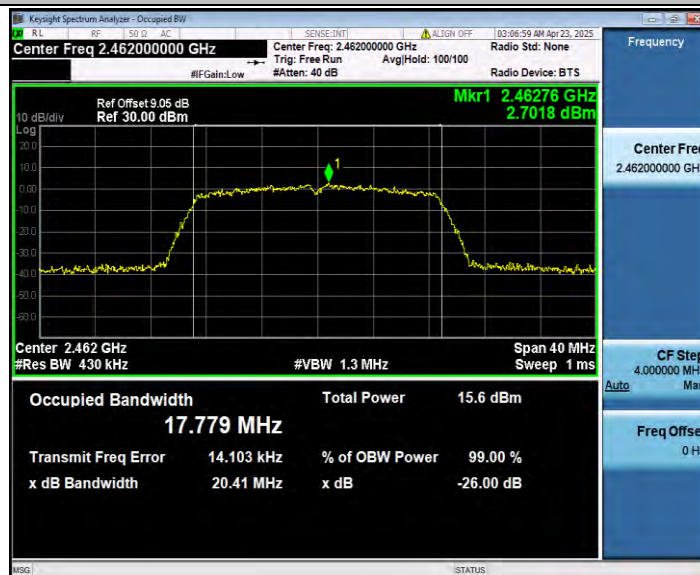
11N20SISO_Ant0_2412



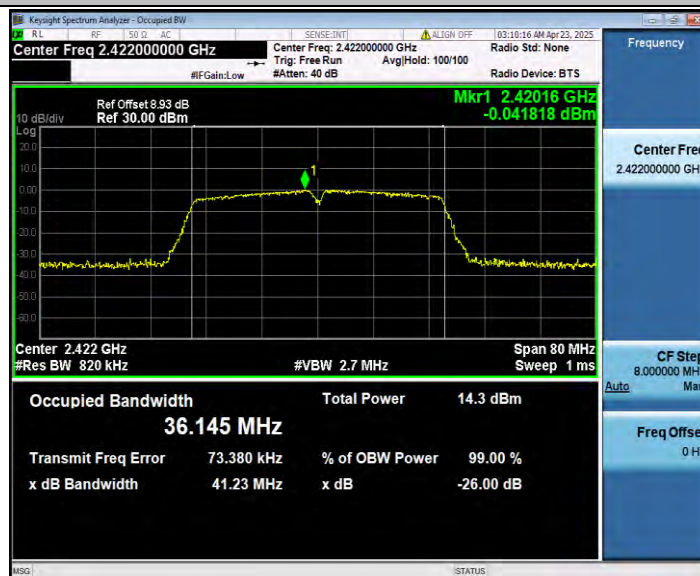
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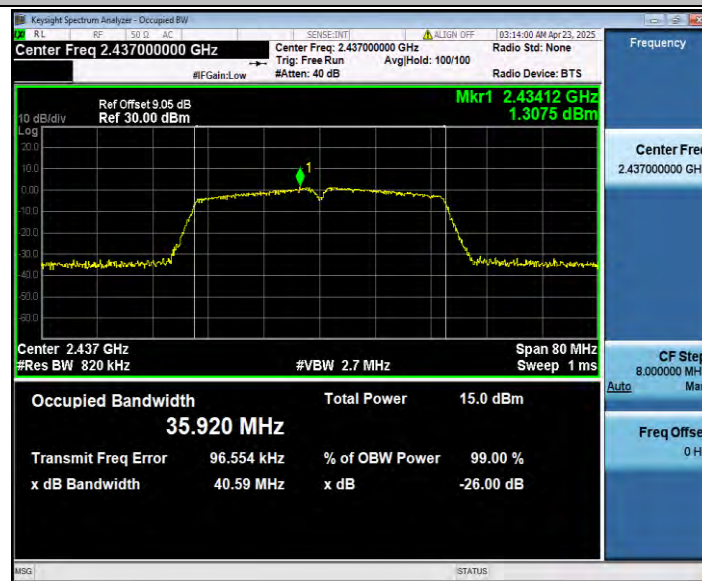
11N20SISO_Ant0_2462



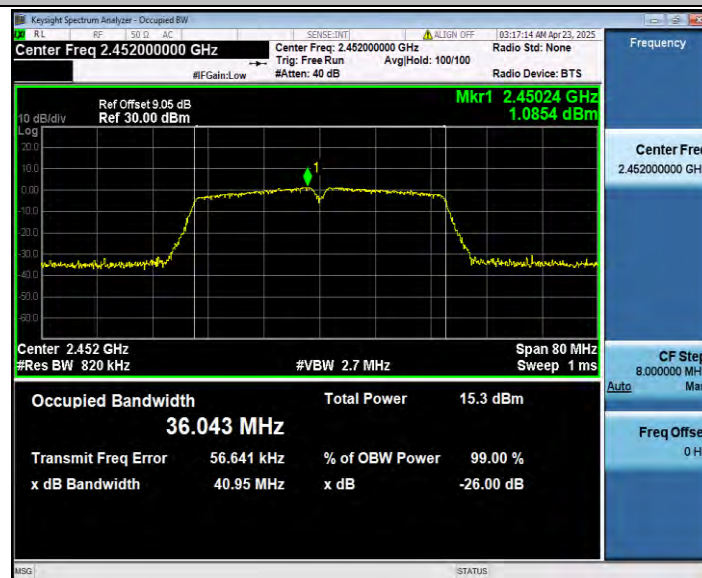
11N40SISO_Ant0_2422



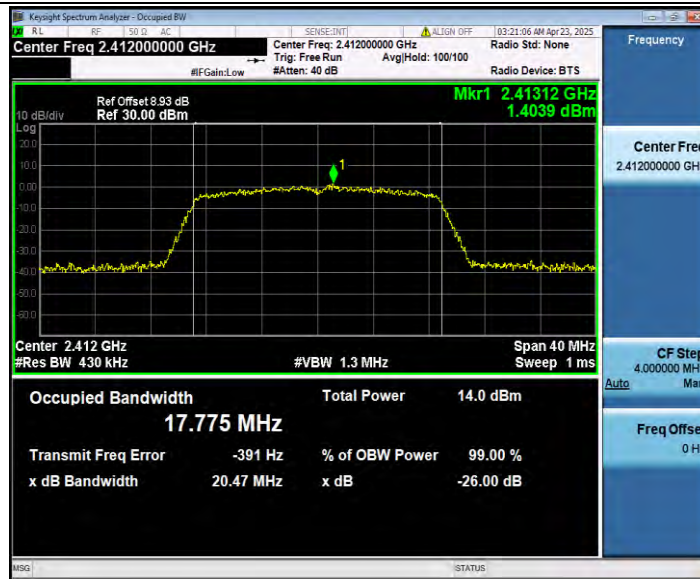
11N40SISO_Ant0_2437



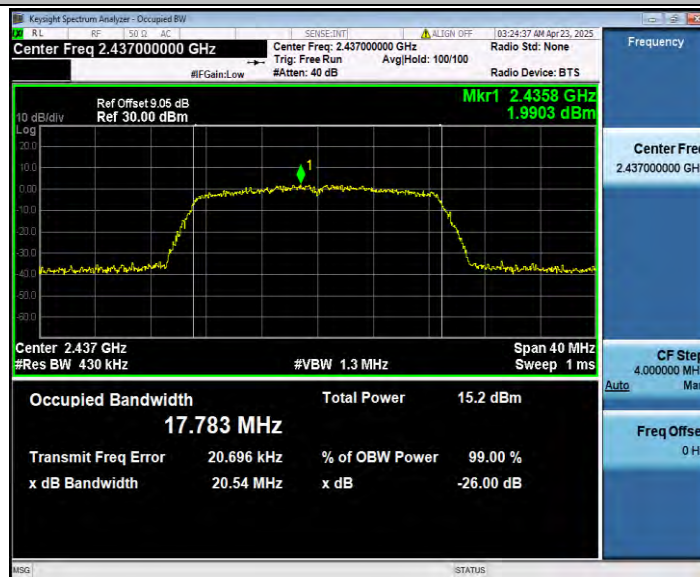
11N40SISO_Ant0_2452



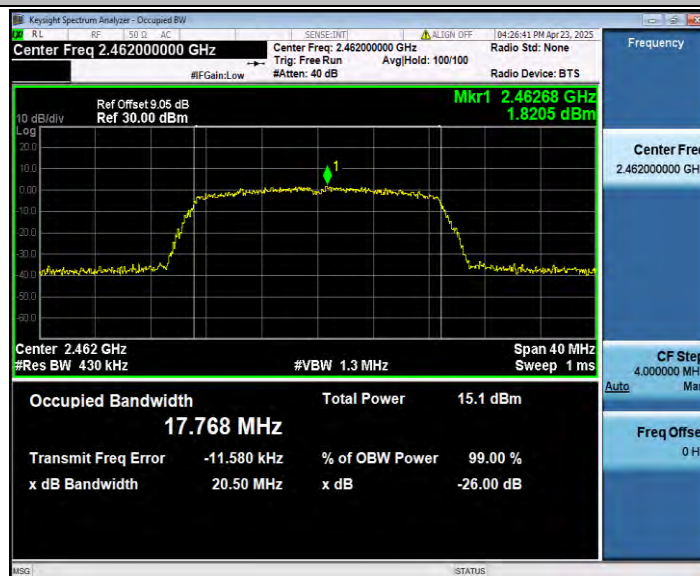
11AX20SISO_Ant0_2412



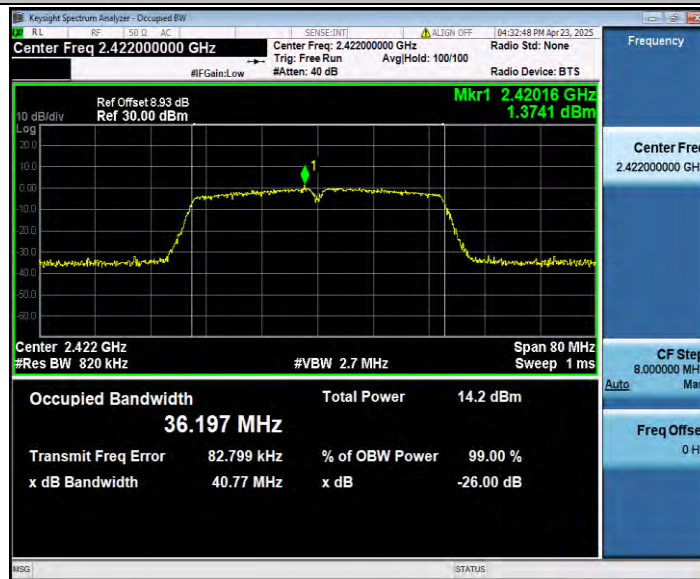
11AX20SISO_Ant0_2437



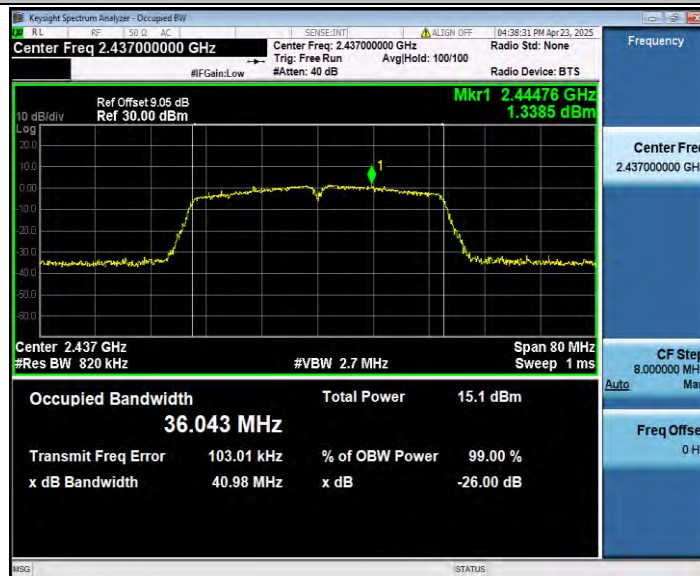
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	13.47	≤30.00	PASS
		2437	14.79	≤30.00	PASS
		2462	15.16	≤30.00	PASS
11G	Ant0	2412	15.85	≤30.00	PASS
		2437	16.91	≤30.00	PASS
		2462	17.38	≤30.00	PASS
11N20SISO	Ant0	2412	15.32	≤30.00	PASS
		2437	16.53	≤30.00	PASS
		2462	16.95	≤30.00	PASS
11N40SISO	Ant0	2422	14.62	≤30.00	PASS
		2437	15.39	≤30.00	PASS
		2452	15.67	≤30.00	PASS
11AX20SISO	Ant0	2412	15.19	≤30.00	PASS
		2437	16.34	≤30.00	PASS
		2462	16.37	≤30.00	PASS
11AX40SISO	Ant0	2422	14.54	≤30.00	PASS
		2437	15.33	≤30.00	PASS
		2452	15.71	≤30.00	PASS

Appendix A.4: Maximum power spectral density

Test Result

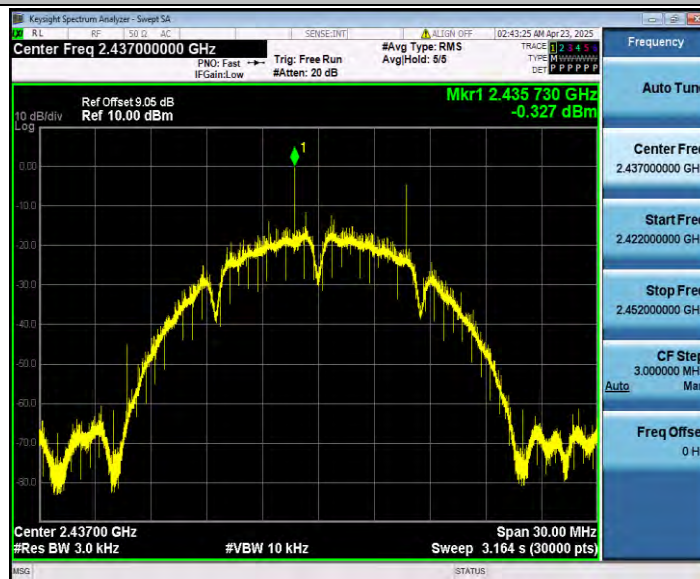
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-6.44	≤8.00	PASS
		2437	-0.33	≤8.00	PASS
		2462	-13.06	≤8.00	PASS
11G	Ant0	2412	-16.99	≤8.00	PASS
		2437	-16.93	≤8.00	PASS
		2462	-16.66	≤8.00	PASS
11N20SISO	Ant0	2412	-18.56	≤8.00	PASS
		2437	-16.98	≤8.00	PASS
		2462	-16.11	≤8.00	PASS
11N40SISO	Ant0	2422	-20.79	≤8.00	PASS
		2437	-20.45	≤8.00	PASS
		2452	-20.36	≤8.00	PASS
11AX20SISO	Ant0	2412	-16.99	≤8.00	PASS
		2437	-15.24	≤8.00	PASS
		2462	-15.13	≤8.00	PASS
11AX40SISO	Ant0	2422	-20.53	≤8.00	PASS
		2437	-18.36	≤8.00	PASS
		2452	-19.62	≤8.00	PASS

Test Graphs

11B_Ant0_2412



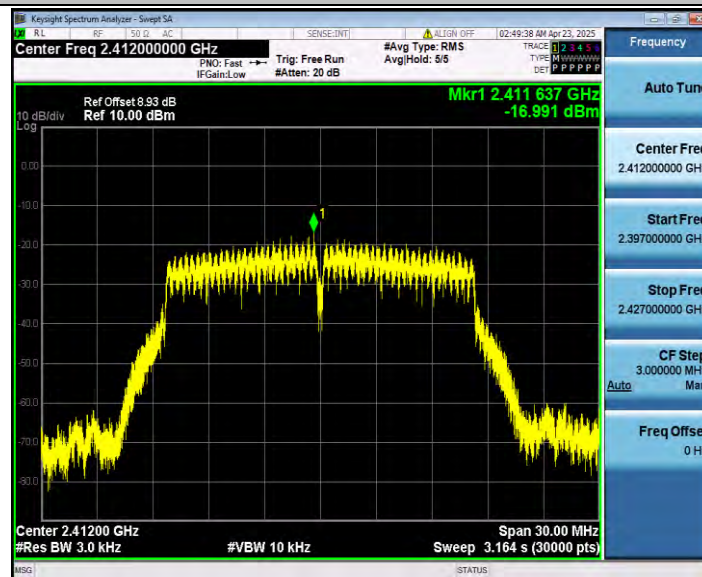
11B_Ant0_2437



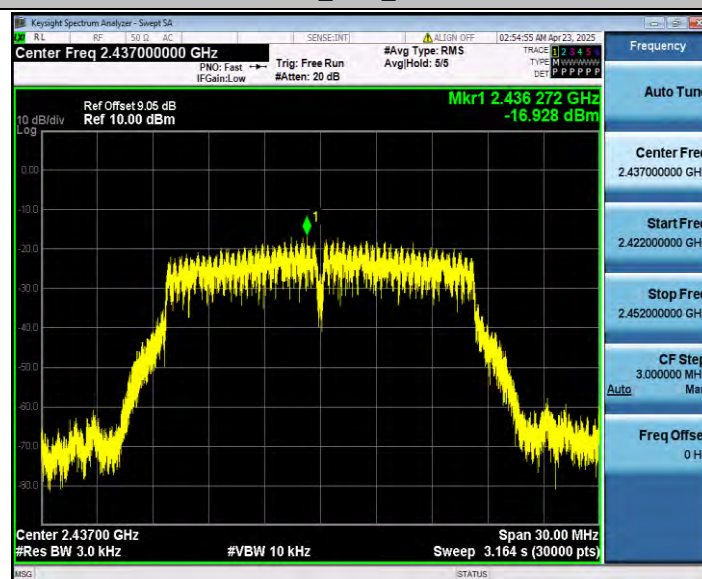
11B_Ant0_2462



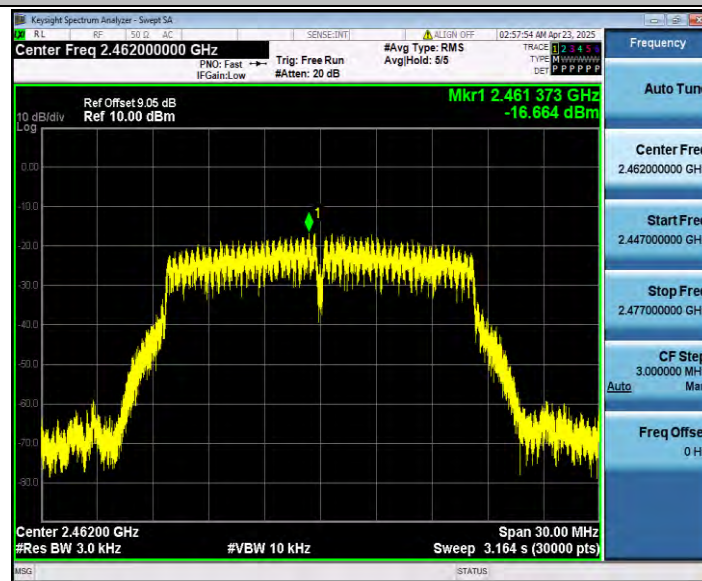
11G_Ant0_2412



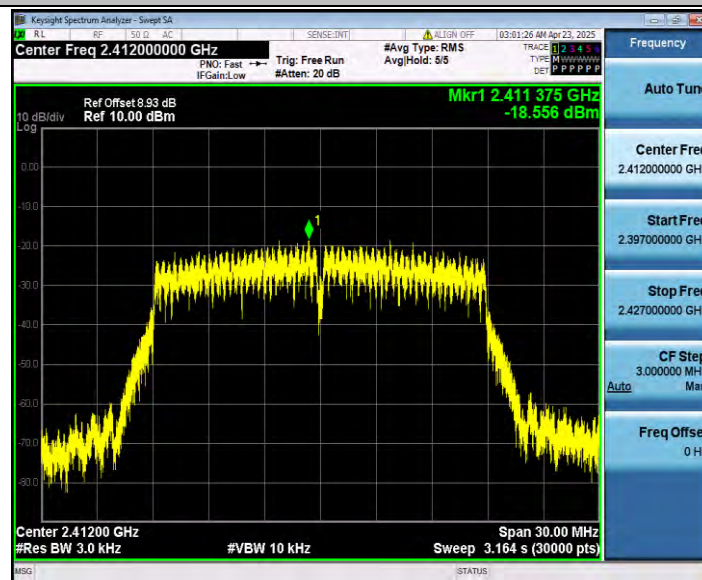
11G_Ant0_2437



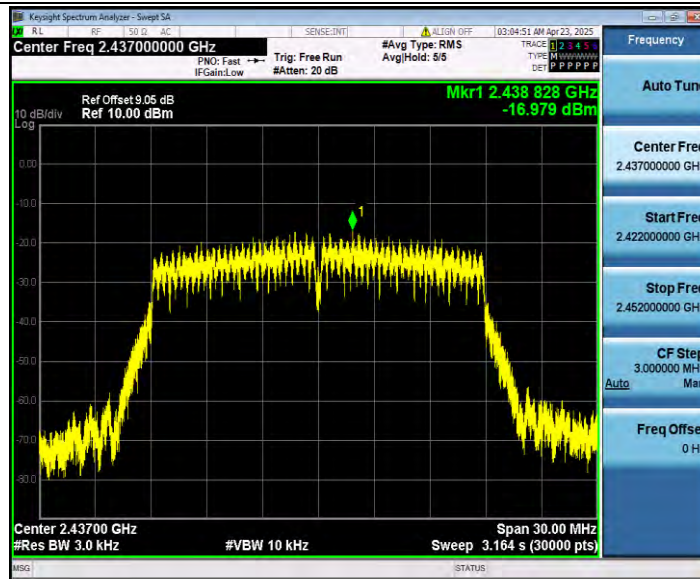
11G_Ant0_2462



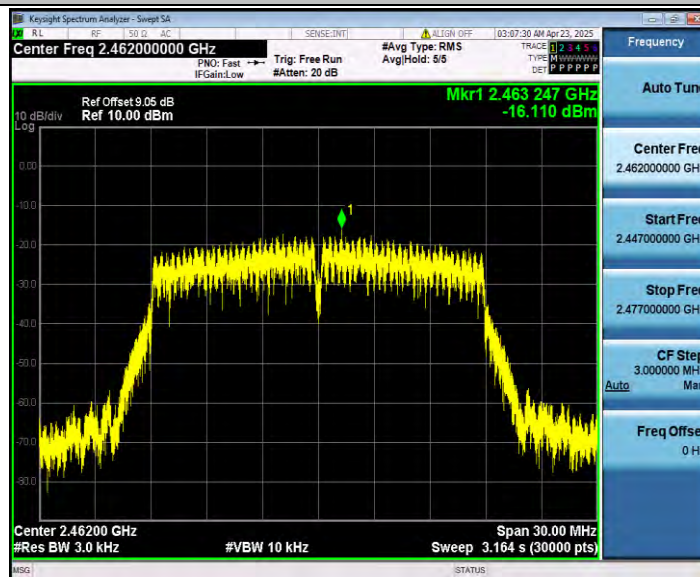
11N20SISO_Ant0_2412



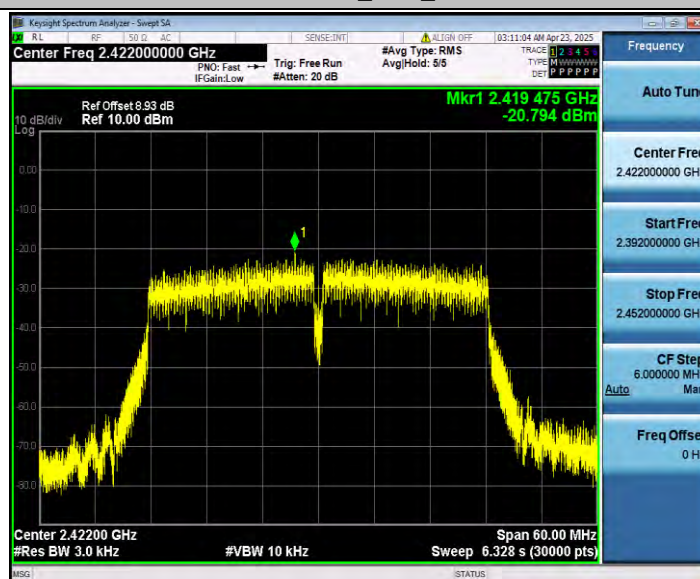
11N20SISO_Ant0_2437



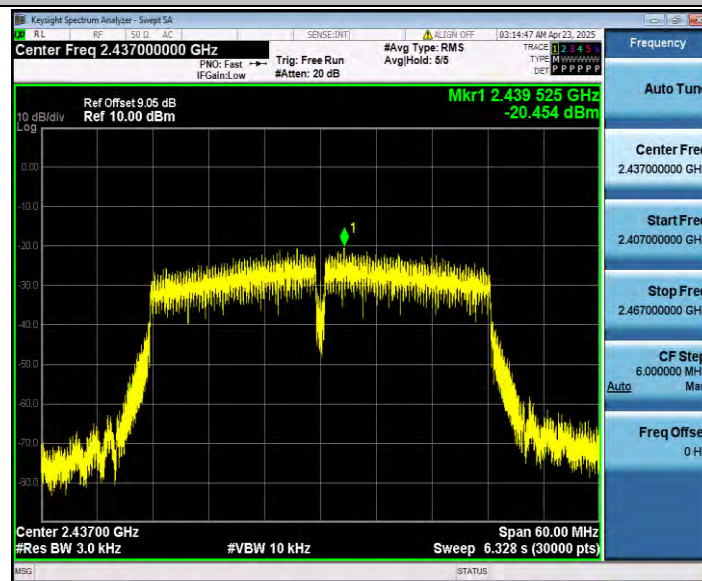
11N20SISO_Ant0_2462



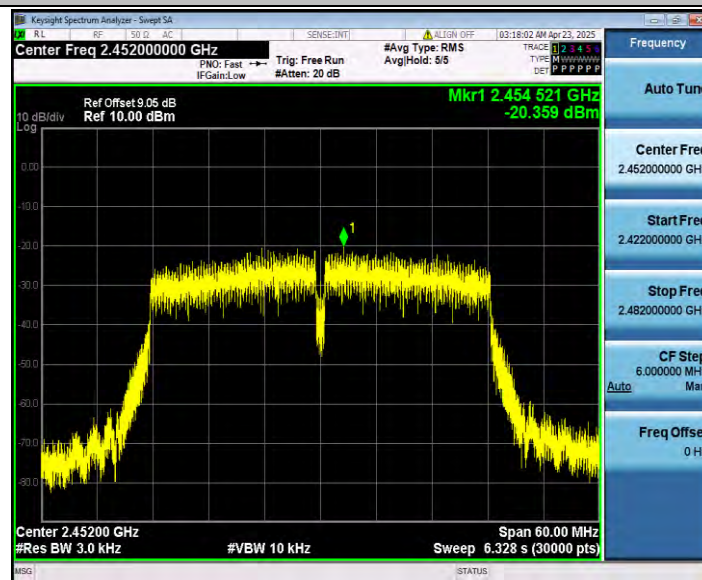
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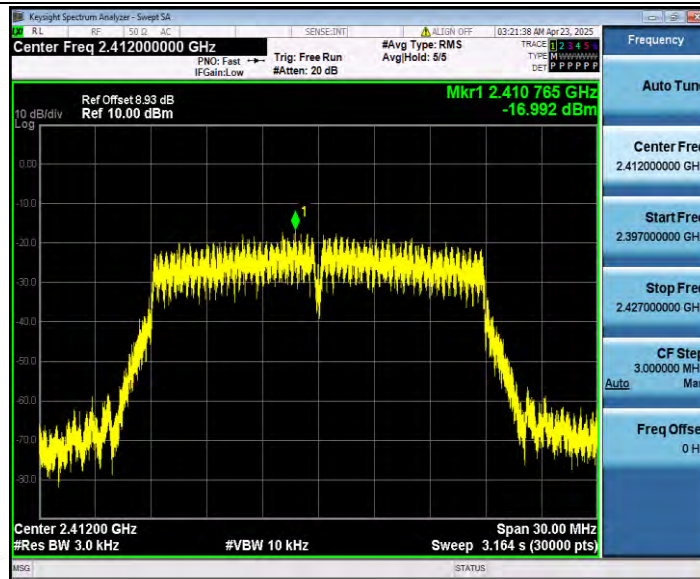
11N40SISO_Ant0_2437



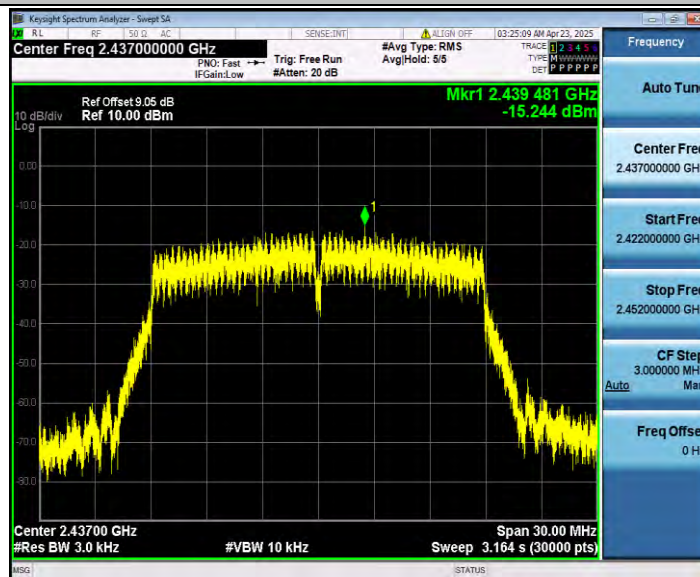
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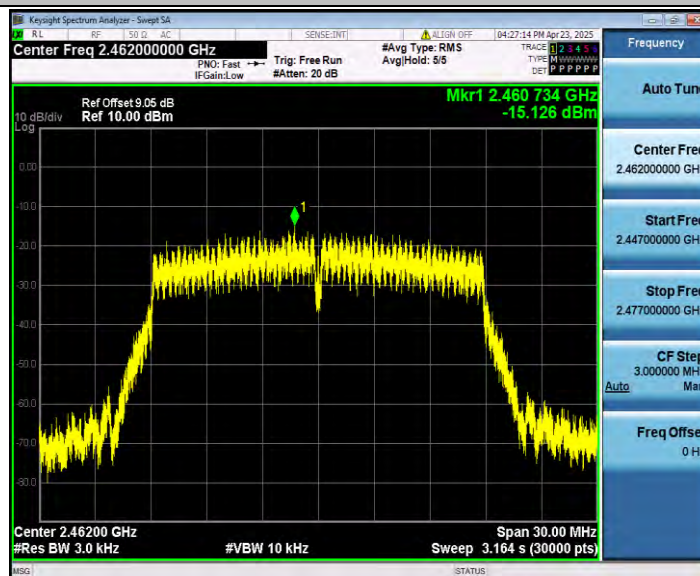
11AX20SISO_Ant0_2412



11AX20SISO_Ant0_2437



11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

