

Case No. : <u>GTS20250107026-2-04</u>	
Ambient Condition: <u>23</u> °C, <u>50</u> %RH,	
Test Date: <u>2025.1.17</u>	Test Engineer: <u>Evan ouyang</u>

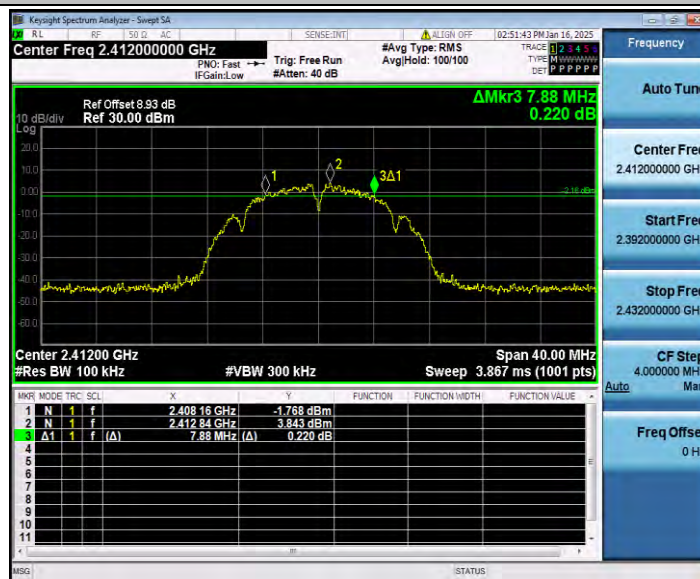
Appendix C.1: DTS Bandwidth

Test Result

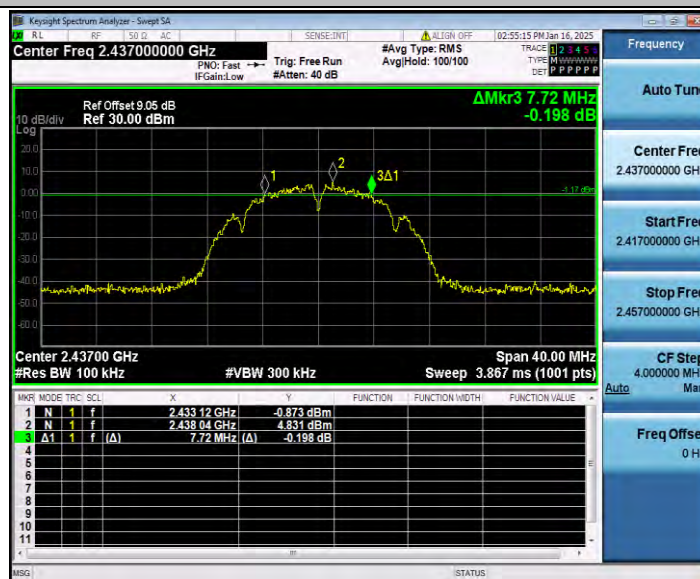
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.880	2408.160	2416.040	0.5	PASS
		2437	7.720	2433.120	2440.840	0.5	PASS
		2462	7.320	2458.200	2465.520	0.5	PASS
11G	Ant1	2412	16.320	2403.880	2420.200	0.5	PASS
		2437	16.320	2428.880	2445.200	0.5	PASS
		2462	16.320	2453.880	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.600	2428.240	2445.840	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.680	2404.480	2440.160	0.5	PASS
		2437	35.280	2419.480	2454.760	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS
11AX20SISO	Ant1	2412	16.560	2404.240	2420.800	0.5	PASS
		2437	17.600	2428.280	2445.880	0.5	PASS
		2462	17.560	2453.400	2470.960	0.5	PASS
11AX40SISO	Ant1	2422	35.280	2404.480	2439.760	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.360	2434.480	2469.840	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



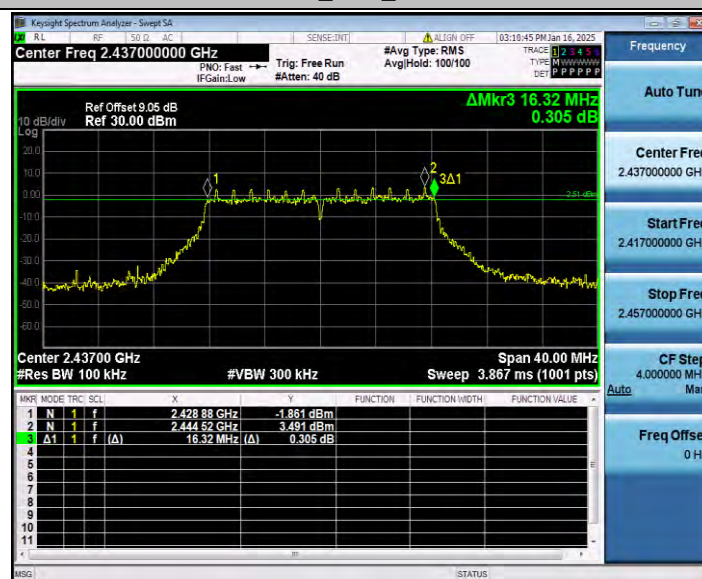
11B_Ant1_2462



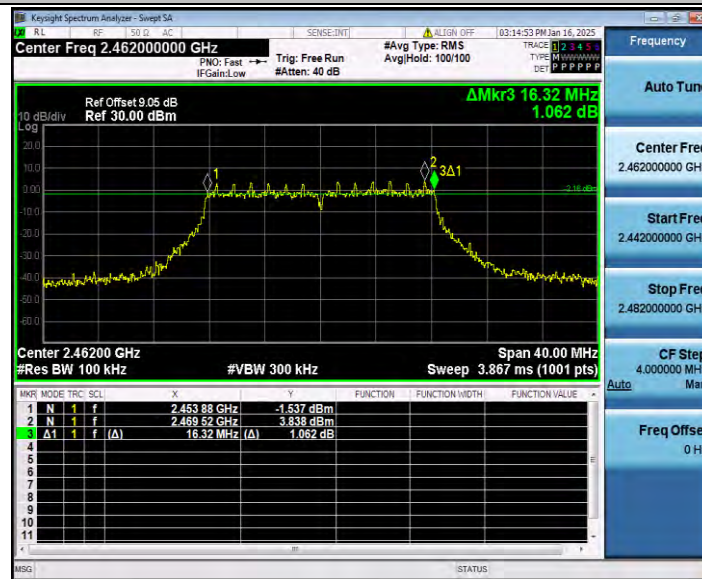
11G_Ant1_2412



11G_Ant1_2437



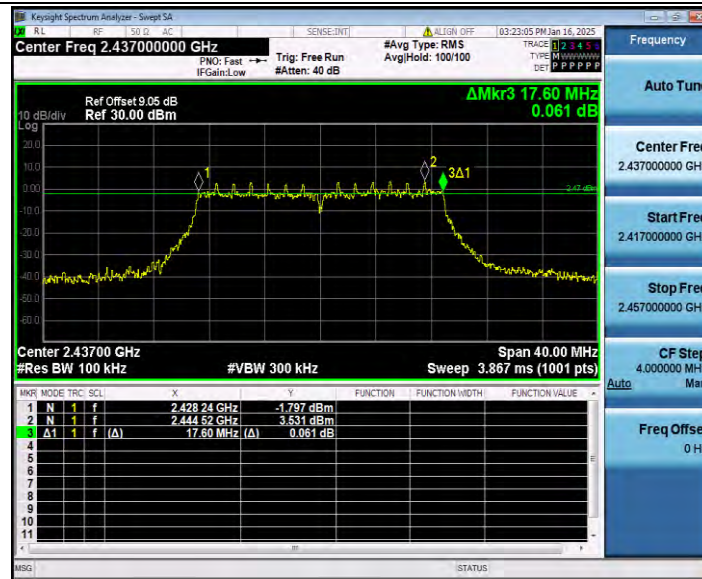
11G_Ant1_2462



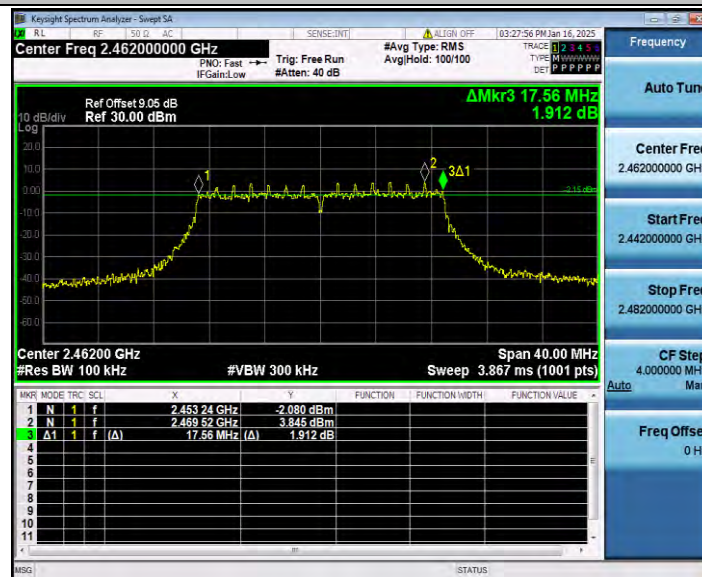
11N20SISO_Ant1_2412



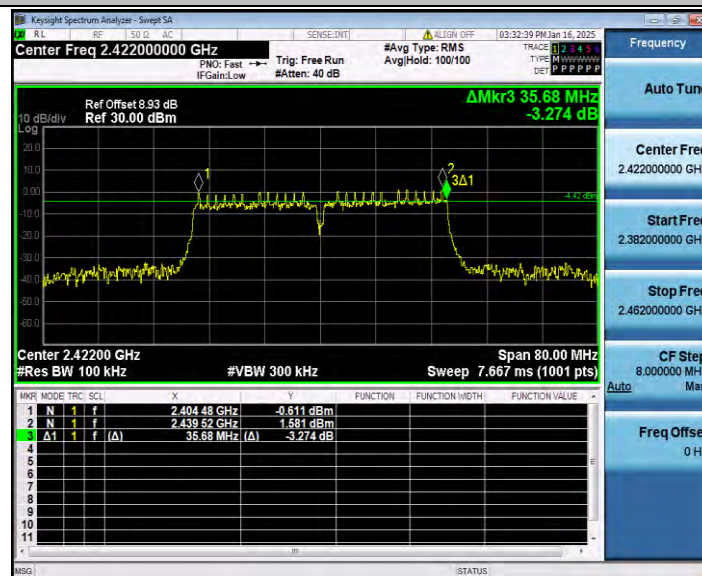
11N20SISO_Ant1_2437



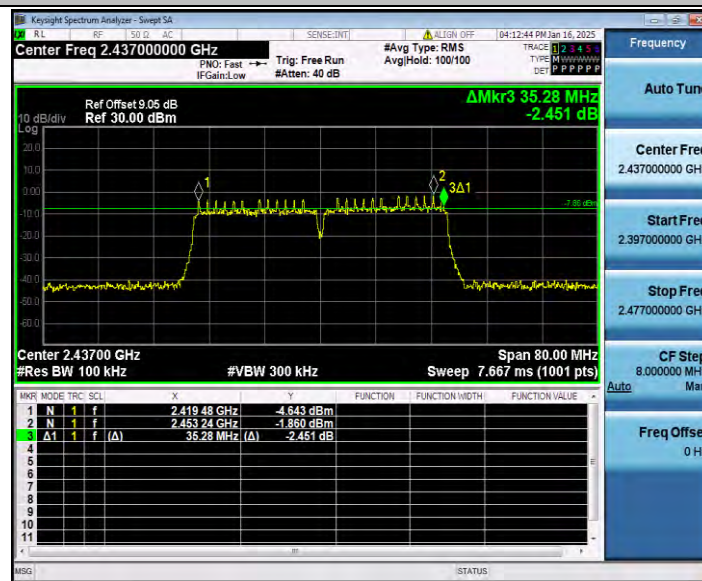
11N20SISO_Ant1_2462



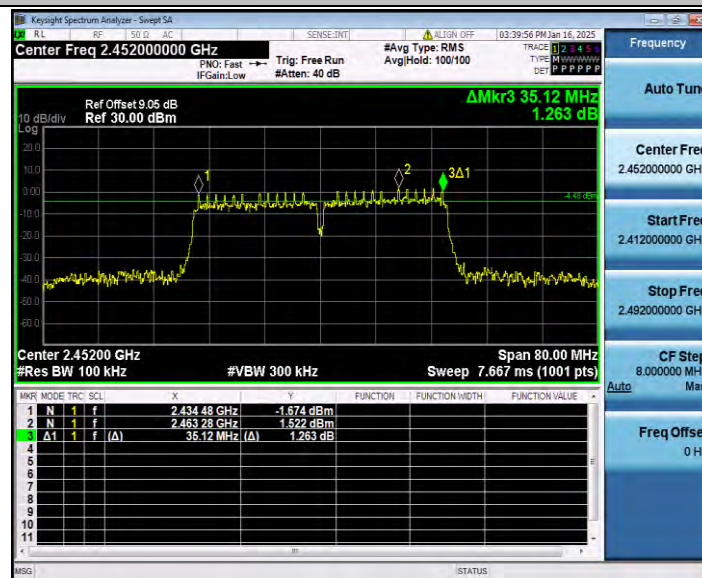
11N40SISO_Ant1_2422



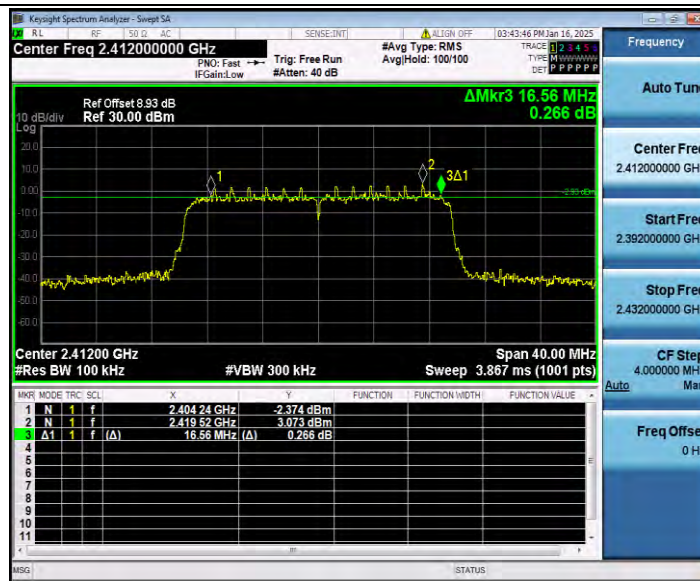
11N40SISO_Ant1_2437



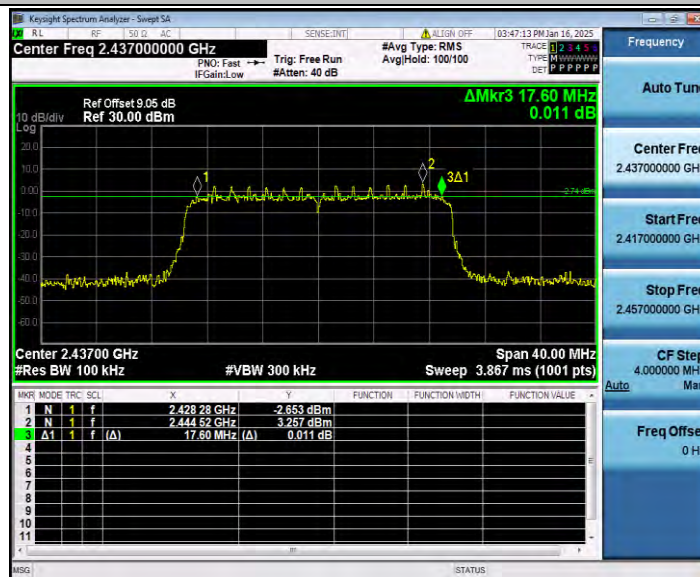
11N40SISO_Ant1_2452



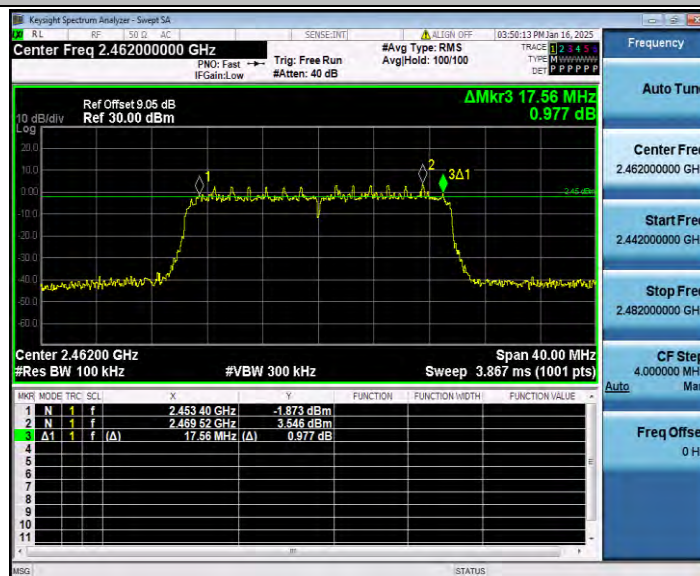
11AX20SISO_Ant1_2412

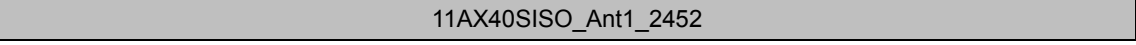
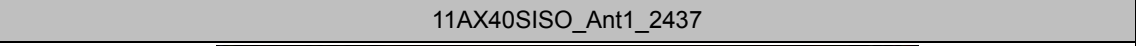


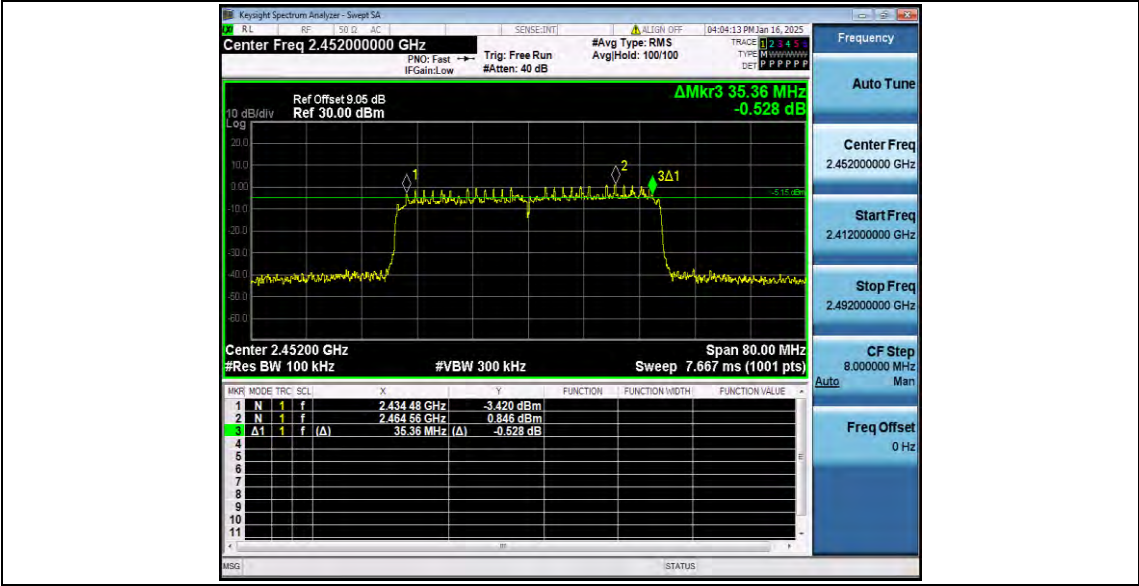
11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462







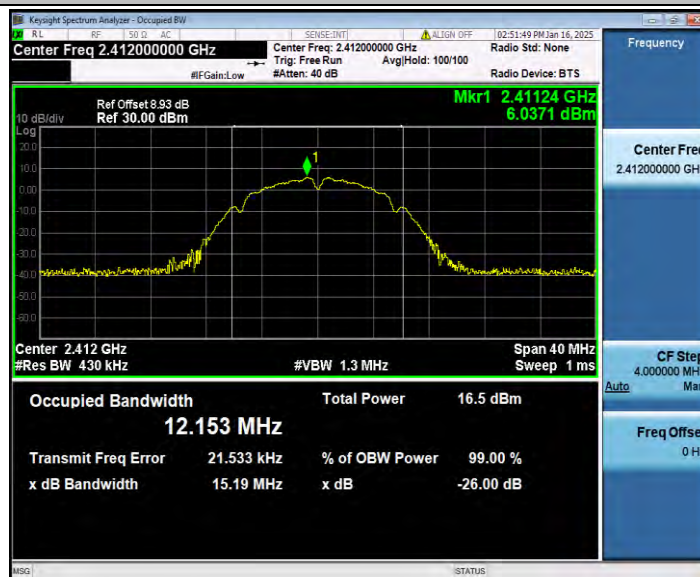
Appendix C.2: Occupied Channel Bandwidth

Test Result

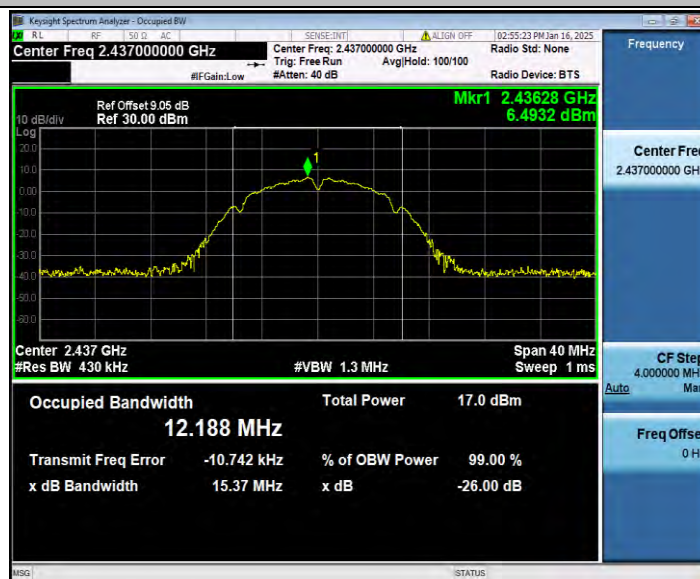
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.153	2405.9450	2418.0980	---	---
		2437	12.188	2430.8953	2443.0833	---	---
		2462	12.129	2455.9300	2468.0590	---	---
11G	Ant1	2412	17.133	2403.5658	2420.6988	---	---
		2437	17.177	2428.5163	2445.6933	---	---
		2462	17.244	2453.4897	2470.7337	---	---
11N20SISO	Ant1	2412	18.131	2402.9936	2421.1246	---	---
		2437	18.191	2427.9562	2446.1472	---	---
		2462	18.220	2452.9436	2471.1636	---	---
11N40SISO	Ant1	2422	36.897	2403.7109	2440.6079	---	---
		2437	36.242	2418.9911	2455.2331	---	---
		2452	36.185	2434.0789	2470.2639	---	---
11AX20SISO	Ant1	2412	18.694	2402.7404	2421.4344	---	---
		2437	18.746	2427.6722	2446.4182	---	---
		2462	18.758	2452.6556	2471.4136	---	---
11AX40SISO	Ant1	2422	37.308	2403.4755	2440.7835	---	---
		2437	37.299	2418.5420	2455.8410	---	---
		2452	37.276	2433.5074	2470.7834	---	---

Test Graphs

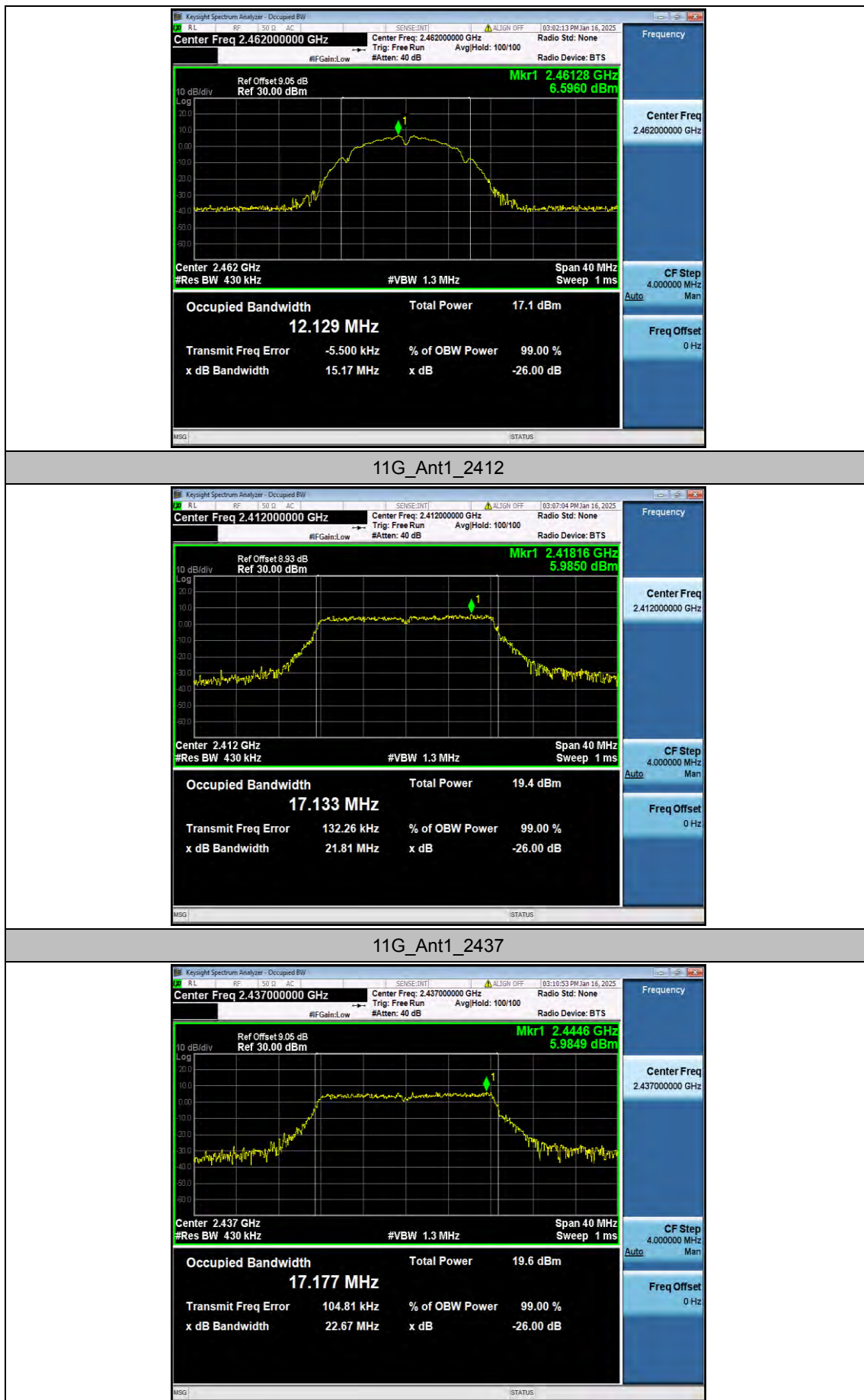
11B_Ant1_2412



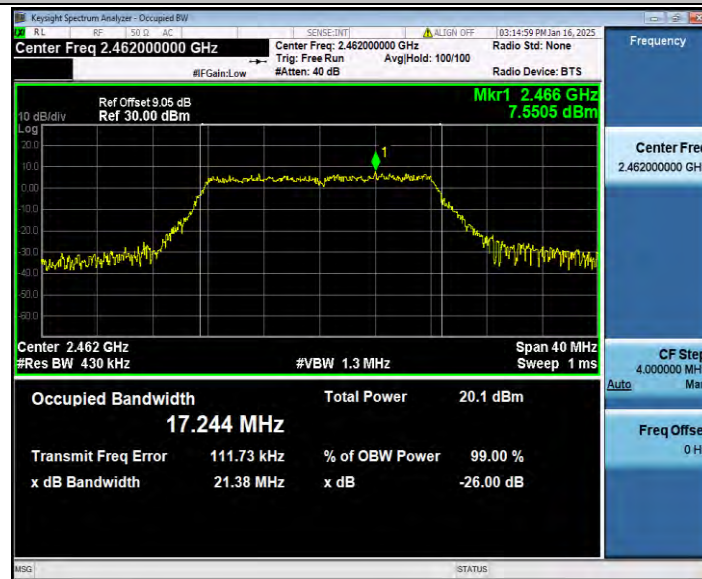
11B_Ant1_2437



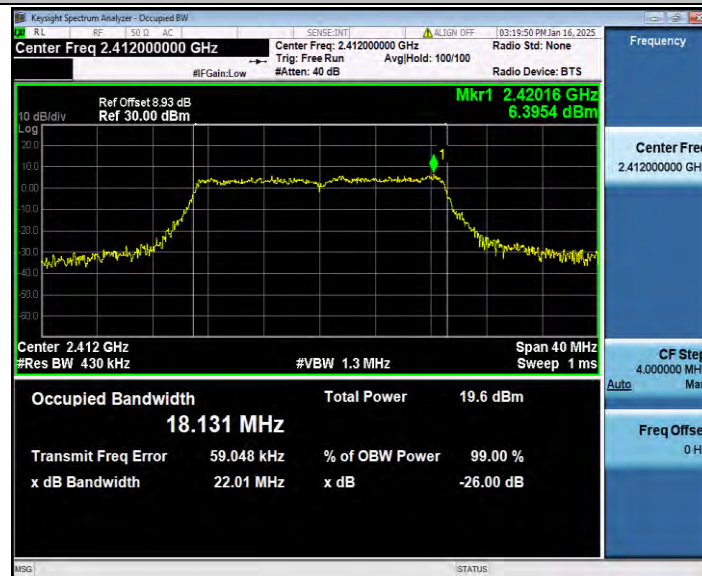
11B_Ant1_2462



11G_Ant1_2462



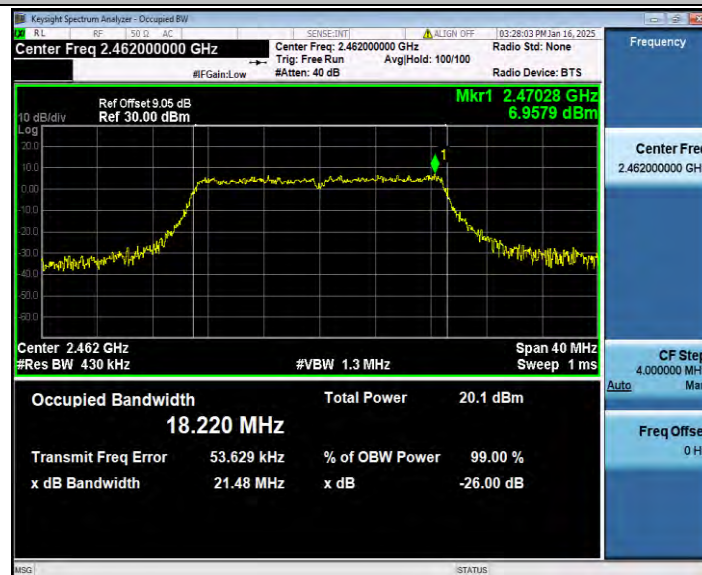
11N20SISO_Ant1_2412



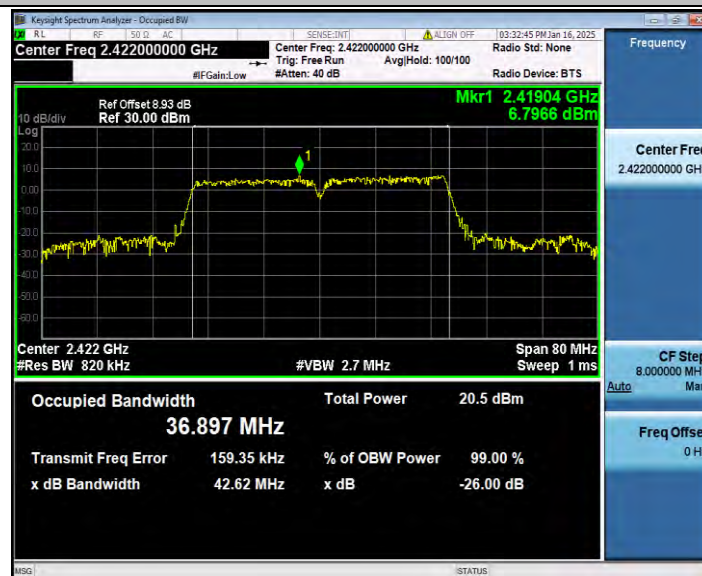
11N20SISO_Ant1_2437



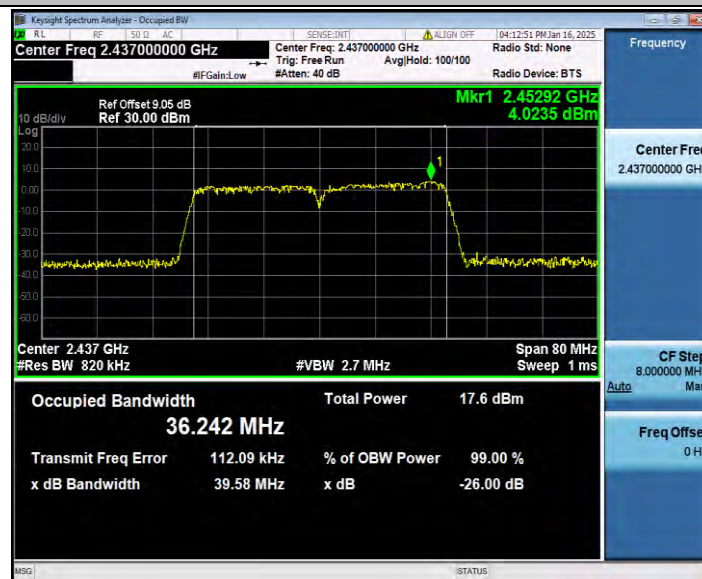
11N20SISO_Ant1_2462



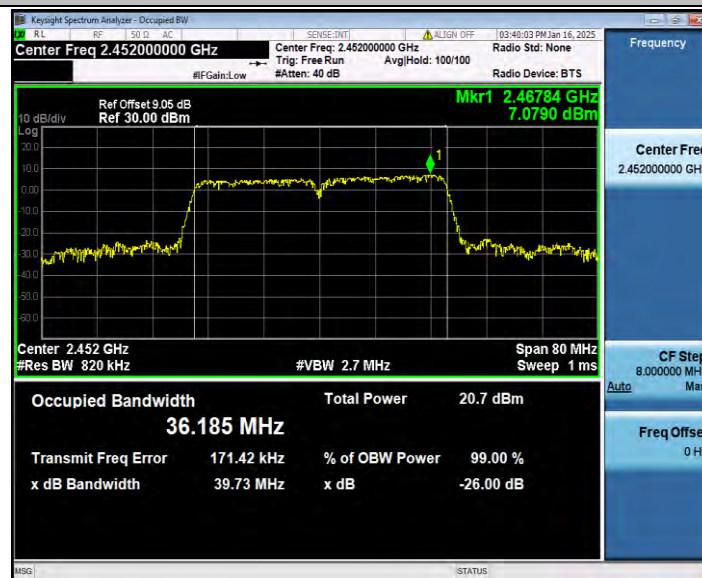
11N40SISO_Ant1_2422



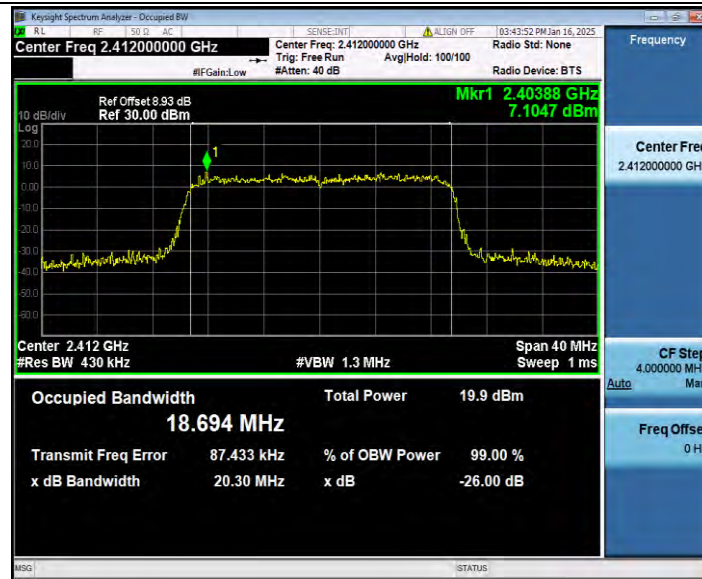
11N40SISO_Ant1_2437



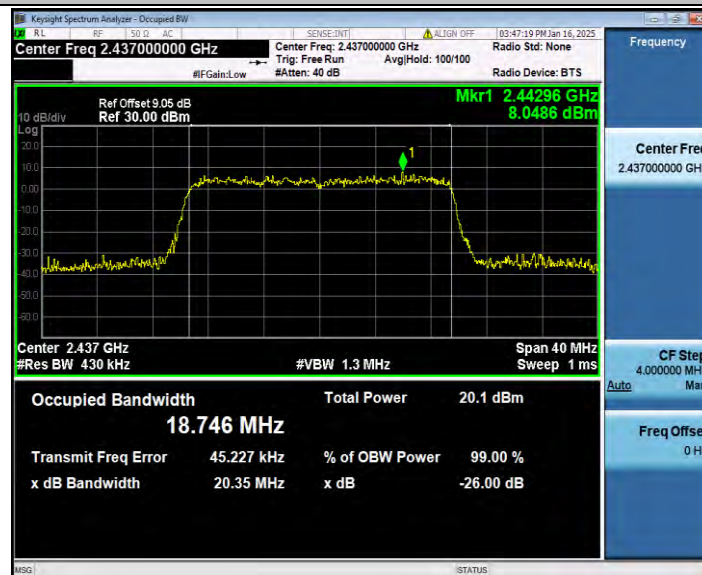
11N40SISO_Ant1_2452



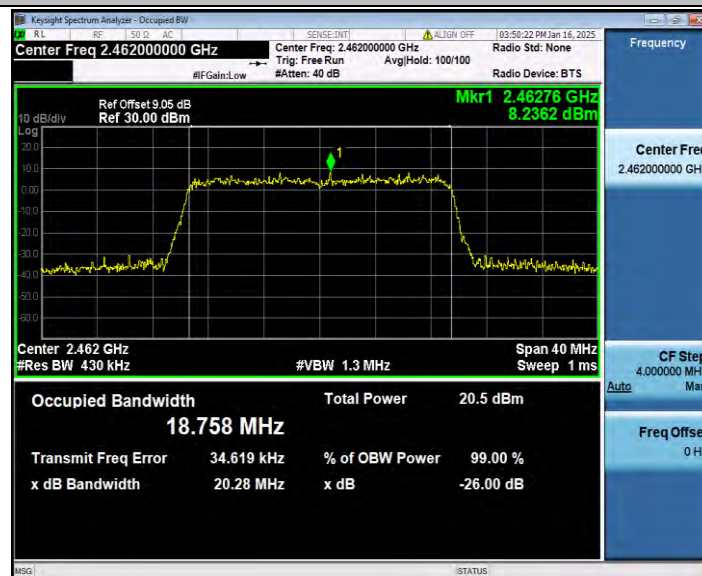
11AX20SISO_Ant1_2412



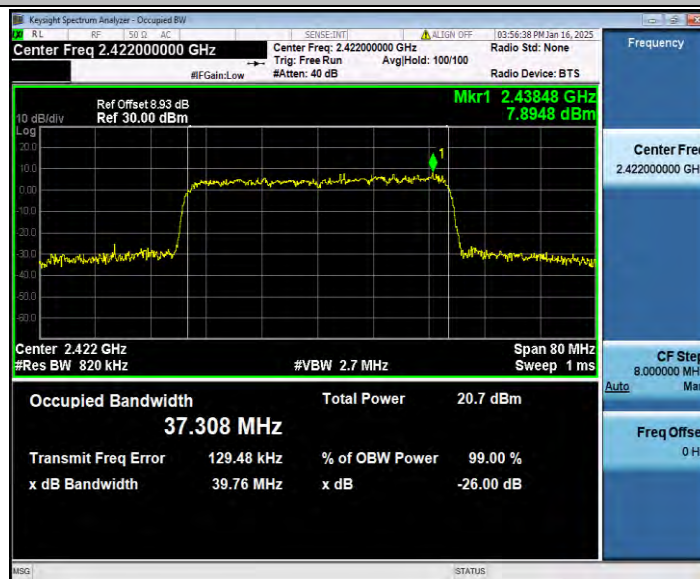
11AX20SISO_Ant1_2437



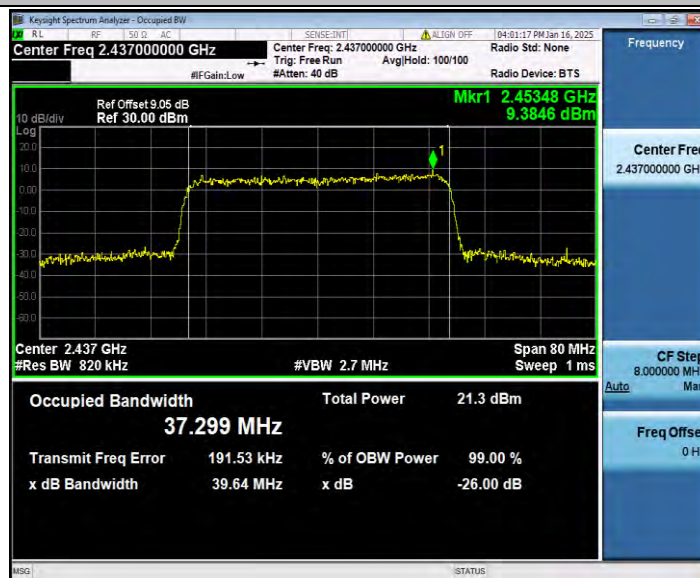
11AX20SISO_Ant1_2462



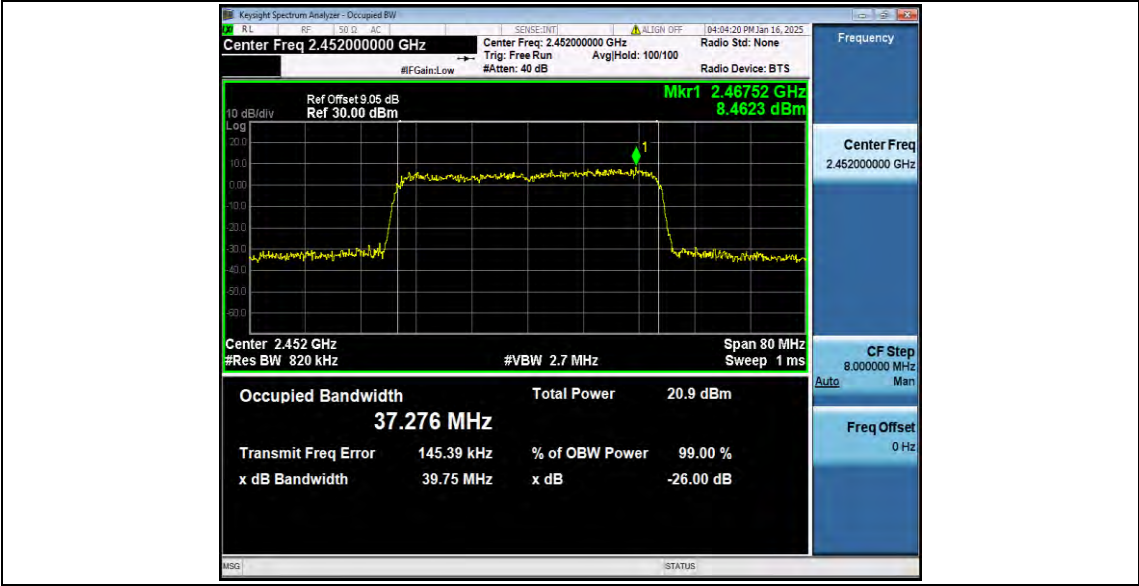
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

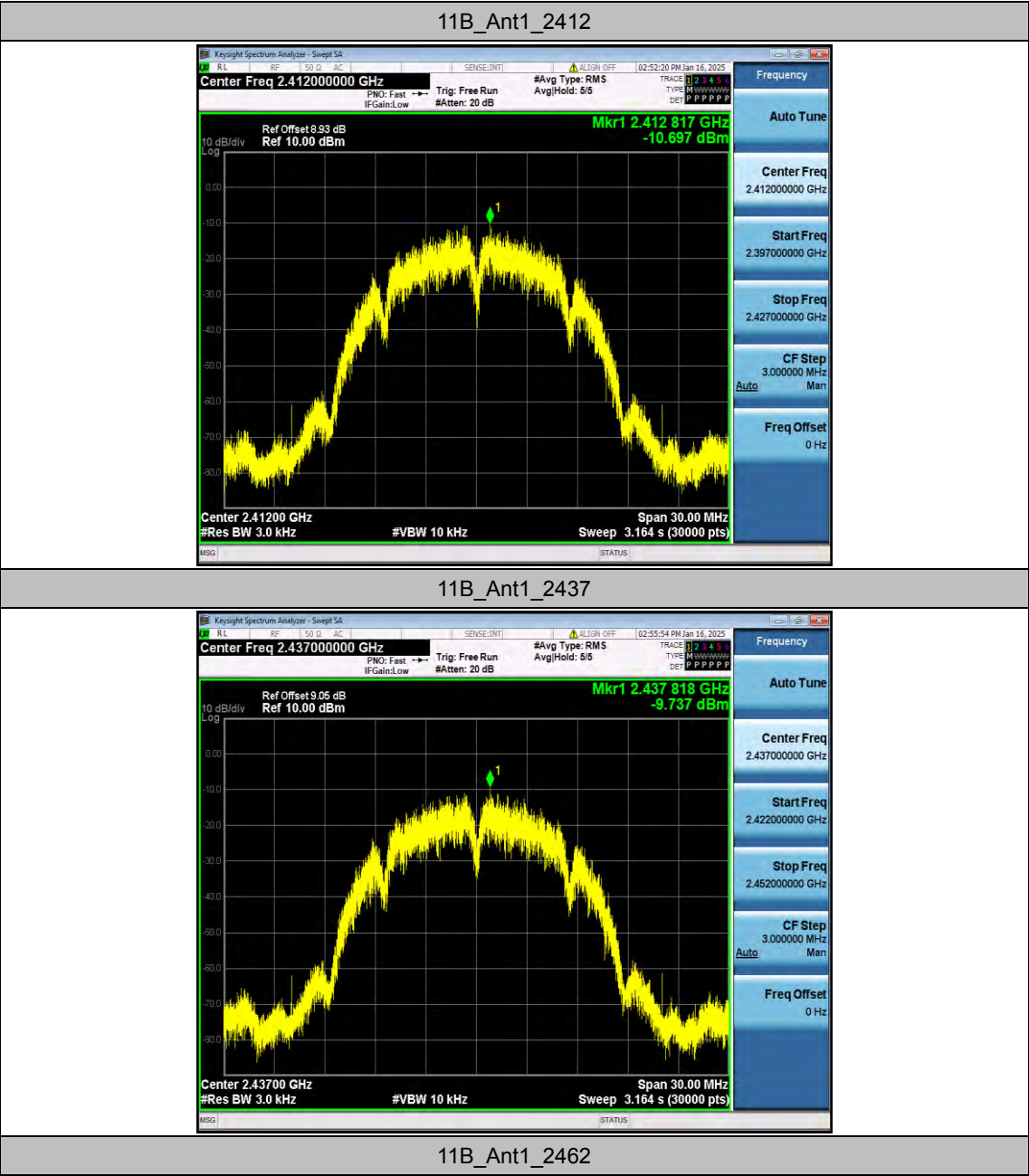
Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.22	≤30.00	PASS
		2437	16.66	≤30.00	PASS
		2462	16.79	≤30.00	PASS
11G	Ant1	2412	20.56	≤30.00	PASS
		2437	20.74	≤30.00	PASS
		2462	21.20	≤30.00	PASS
11N20SISO	Ant1	2412	20.53	≤30.00	PASS
		2437	20.67	≤30.00	PASS
		2462	21.10	≤30.00	PASS
11N40SISO	Ant1	2422	20.80	≤30.00	PASS
		2437	17.76	≤30.00	PASS
		2452	20.95	≤30.00	PASS
11AX20SISO	Ant1	2412	20.60	≤30.00	PASS
		2437	20.80	≤30.00	PASS
		2462	21.24	≤30.00	PASS
11AX40SISO	Ant1	2422	20.93	≤30.00	PASS
		2437	21.61	≤30.00	PASS
		2452	21.13	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

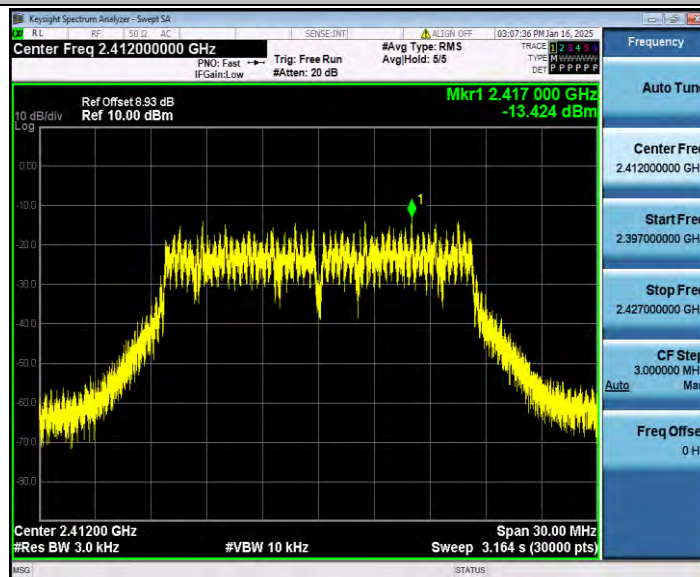
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.70	≤8.00	PASS
		2437	-9.74	≤8.00	PASS
		2462	-9.01	≤8.00	PASS
11G	Ant1	2412	-13.42	≤8.00	PASS
		2437	-12.86	≤8.00	PASS
		2462	-11.30	≤8.00	PASS
11N20SISO	Ant1	2412	-13.15	≤8.00	PASS
		2437	-12.78	≤8.00	PASS
		2462	-12.07	≤8.00	PASS
11N40SISO	Ant1	2422	-12.87	≤8.00	PASS
		2437	-17.31	≤8.00	PASS
		2452	-14.43	≤8.00	PASS
11AX20SISO	Ant1	2412	-13.66	≤8.00	PASS
		2437	-13.84	≤8.00	PASS
		2462	-12.86	≤8.00	PASS
11AX40SISO	Ant1	2422	-14.52	≤8.00	PASS
		2437	-12.81	≤8.00	PASS
		2452	-13.81	≤8.00	PASS

Test Graphs

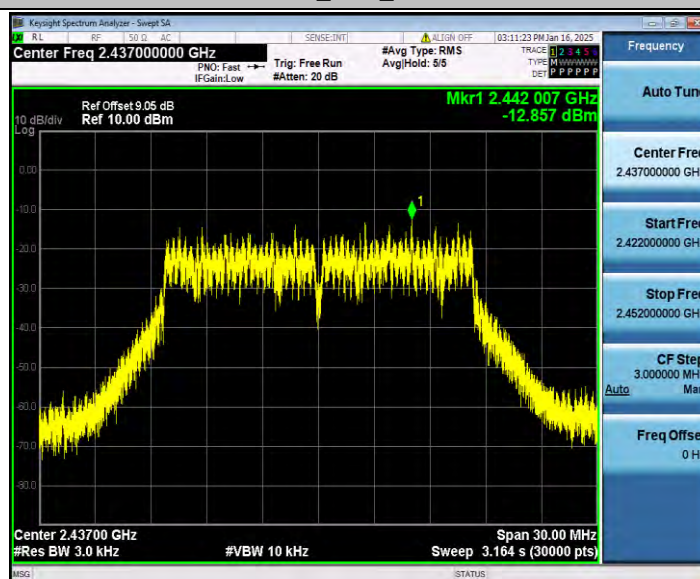




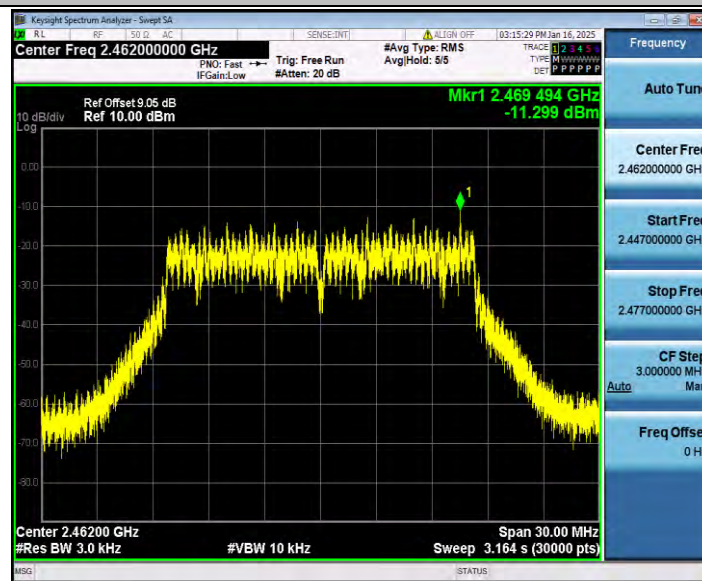
11G_Ant1_2412



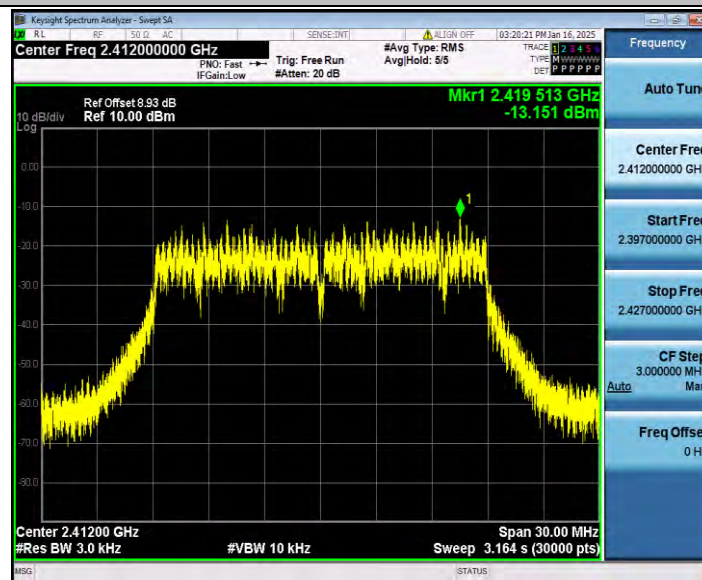
11G_Ant1_2437



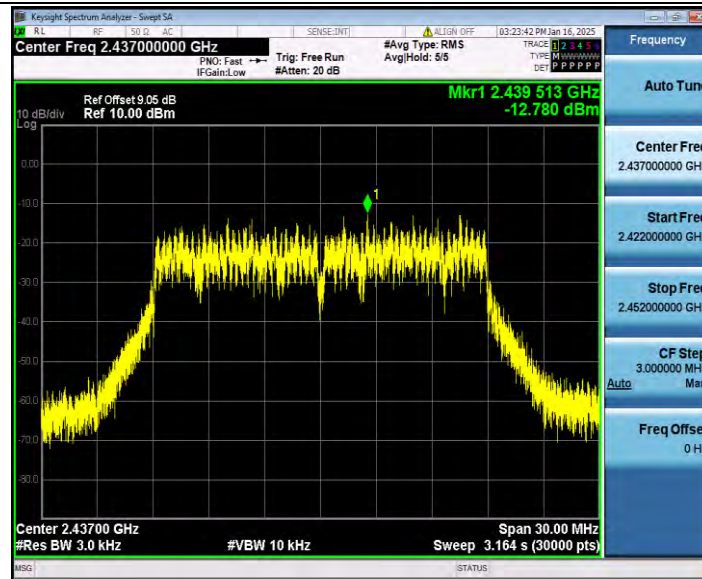
11G_Ant1_2462



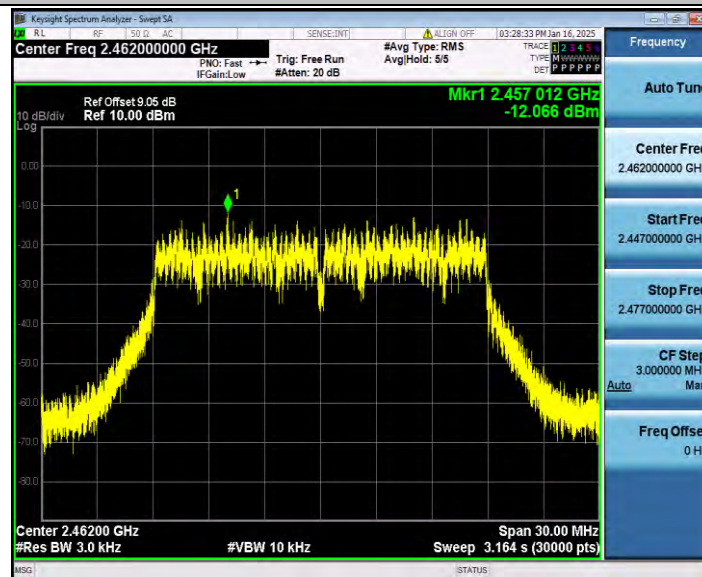
11N20SISO_Ant1_2412



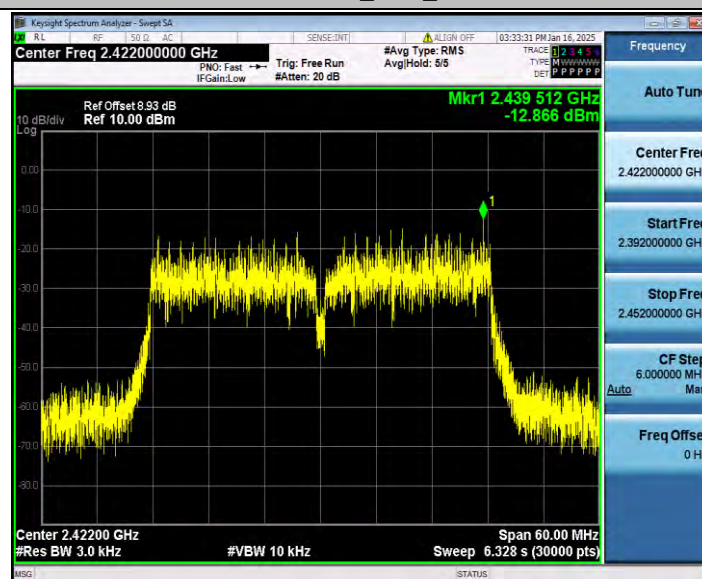
11N20SISO_Ant1_2437



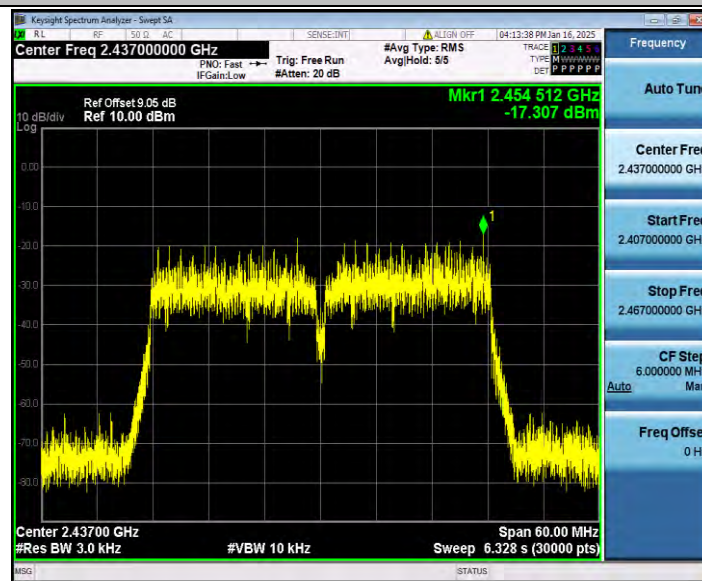
11N20SISO_Ant1_2462



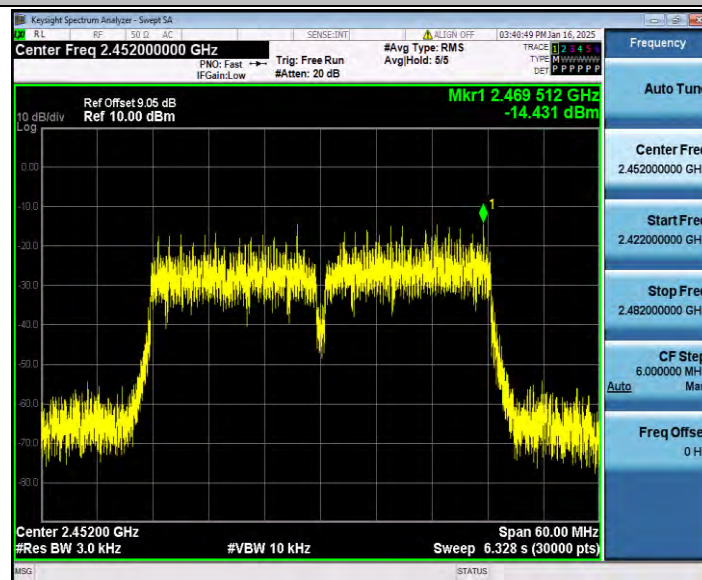
11N40SISO_Ant1_2422



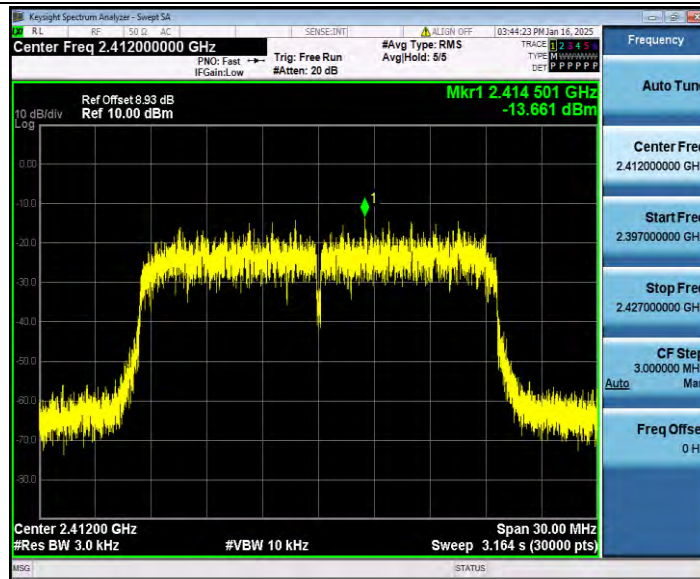
11N40SISO_Ant1_2437



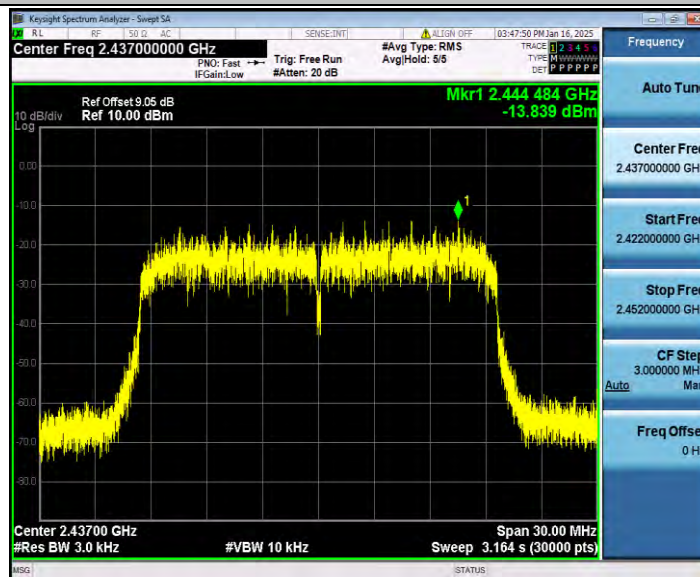
11N40SISO_Ant1_2452



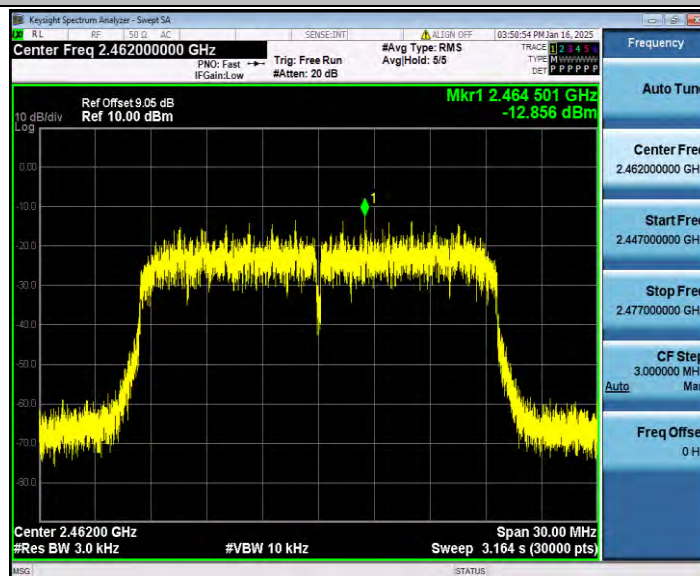
11AX20SISO_Ant1_2412



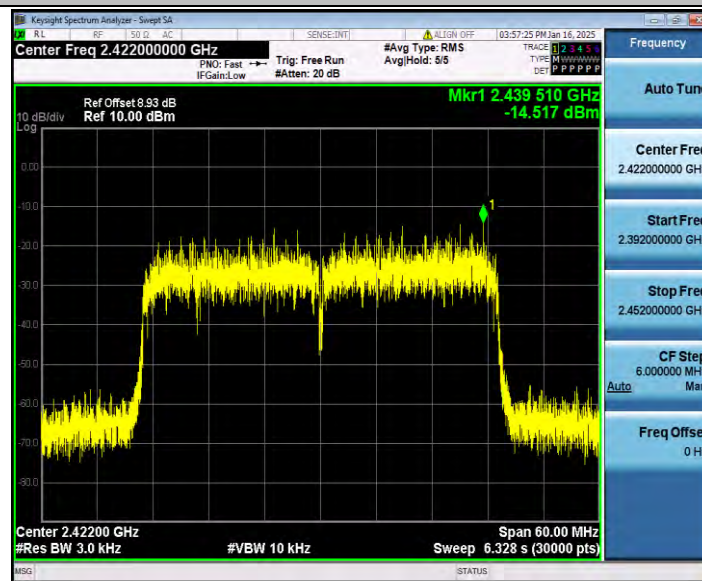
11AX20SISO_Ant1_2437



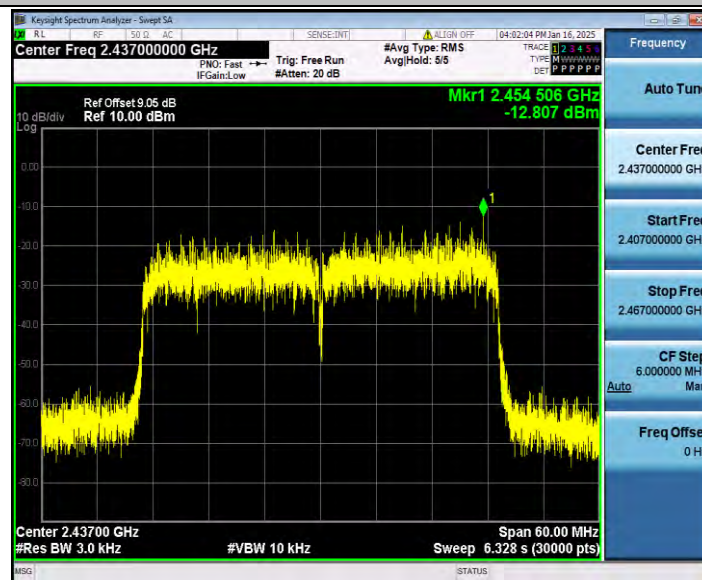
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.5: Band edge measurements

Test Result

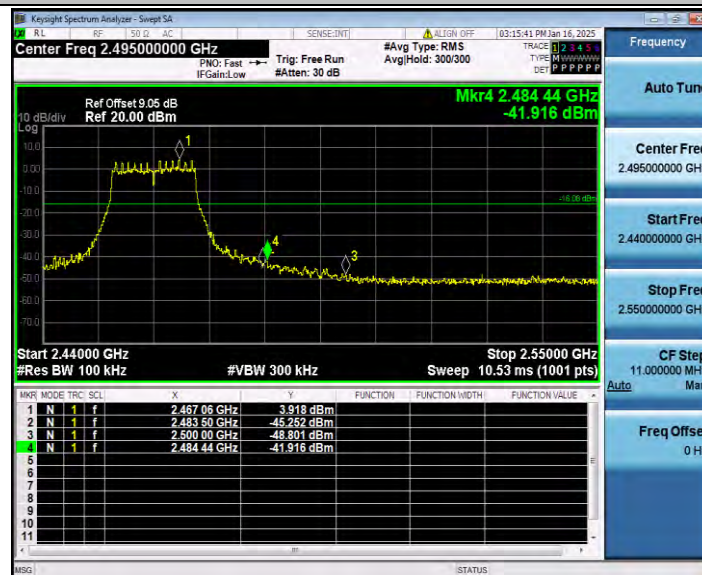
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.40	-48.42	≤ -15.6	PASS
		High	2462	4.54	-48.71	≤ -15.46	PASS
11G	Ant1	Low	2412	3.22	-32.68	≤ -16.78	PASS
		High	2462	3.92	-41.92	≤ -16.08	PASS
11N20SISO	Ant1	Low	2412	3.26	-34.24	≤ -16.74	PASS
		High	2462	3.87	-42.2	≤ -16.13	PASS
11N40SISO	Ant1	Low	2422	0.07	-33.56	≤ -19.93	PASS
		High	2452	1.56	-37.86	≤ -18.44	PASS
11AX20SISO	Ant1	Low	2412	3.00	-35.68	≤ -17.01	PASS
		High	2462	3.59	-45.39	≤ -16.41	PASS
11AX40SISO	Ant1	Low	2422	-0.27	-38.36	≤ -20.27	PASS
		High	2452	1.21	-43.3	≤ -18.79	PASS

Test Graphs

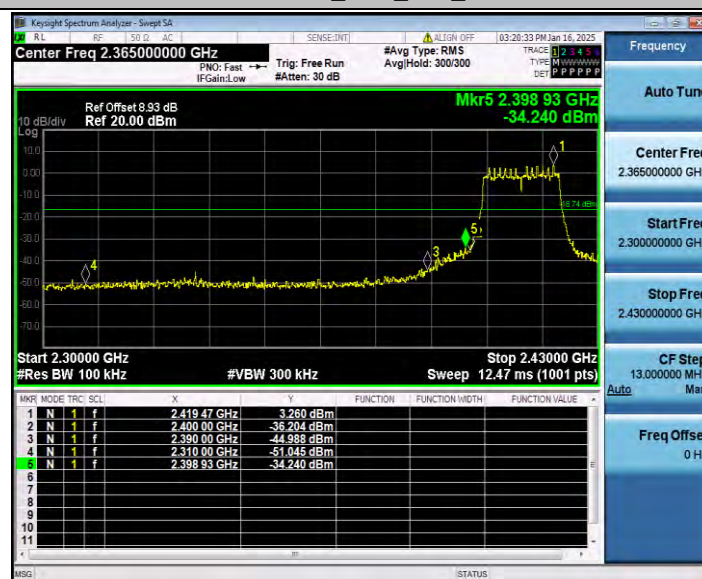




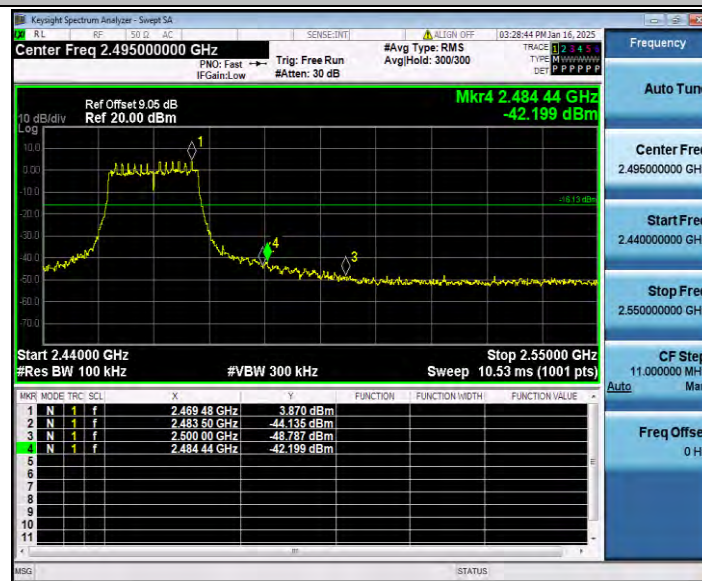
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



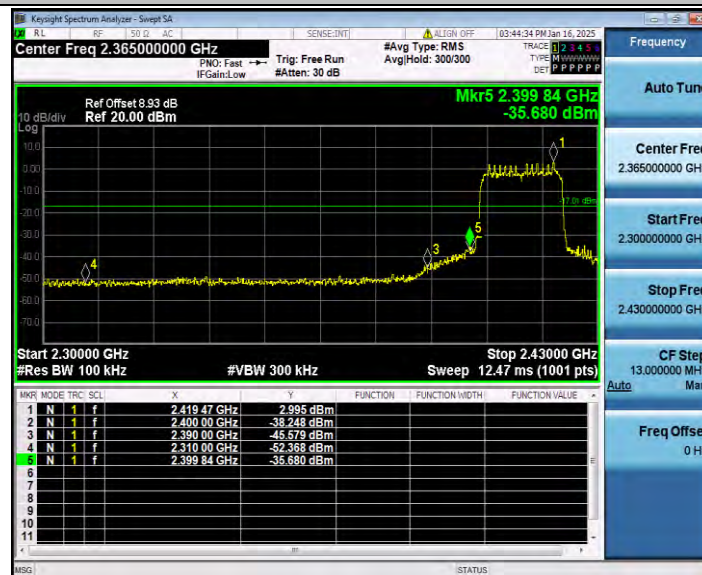
11N40SISO_Ant1_Low_2422



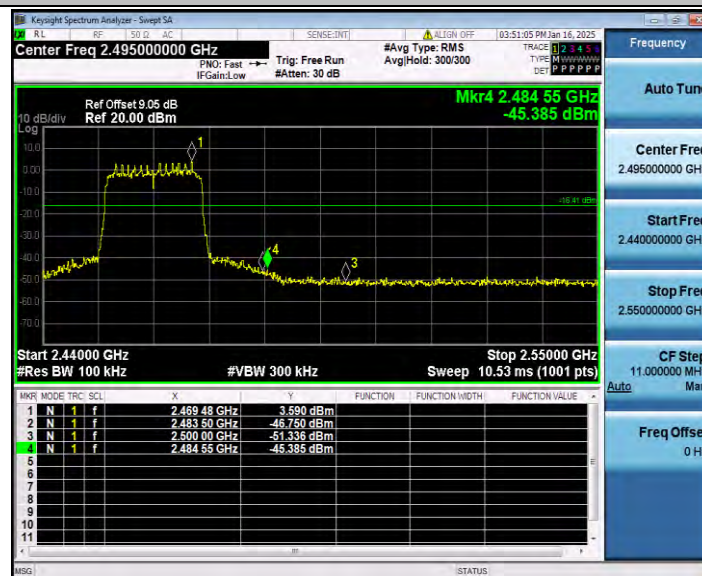
11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

