

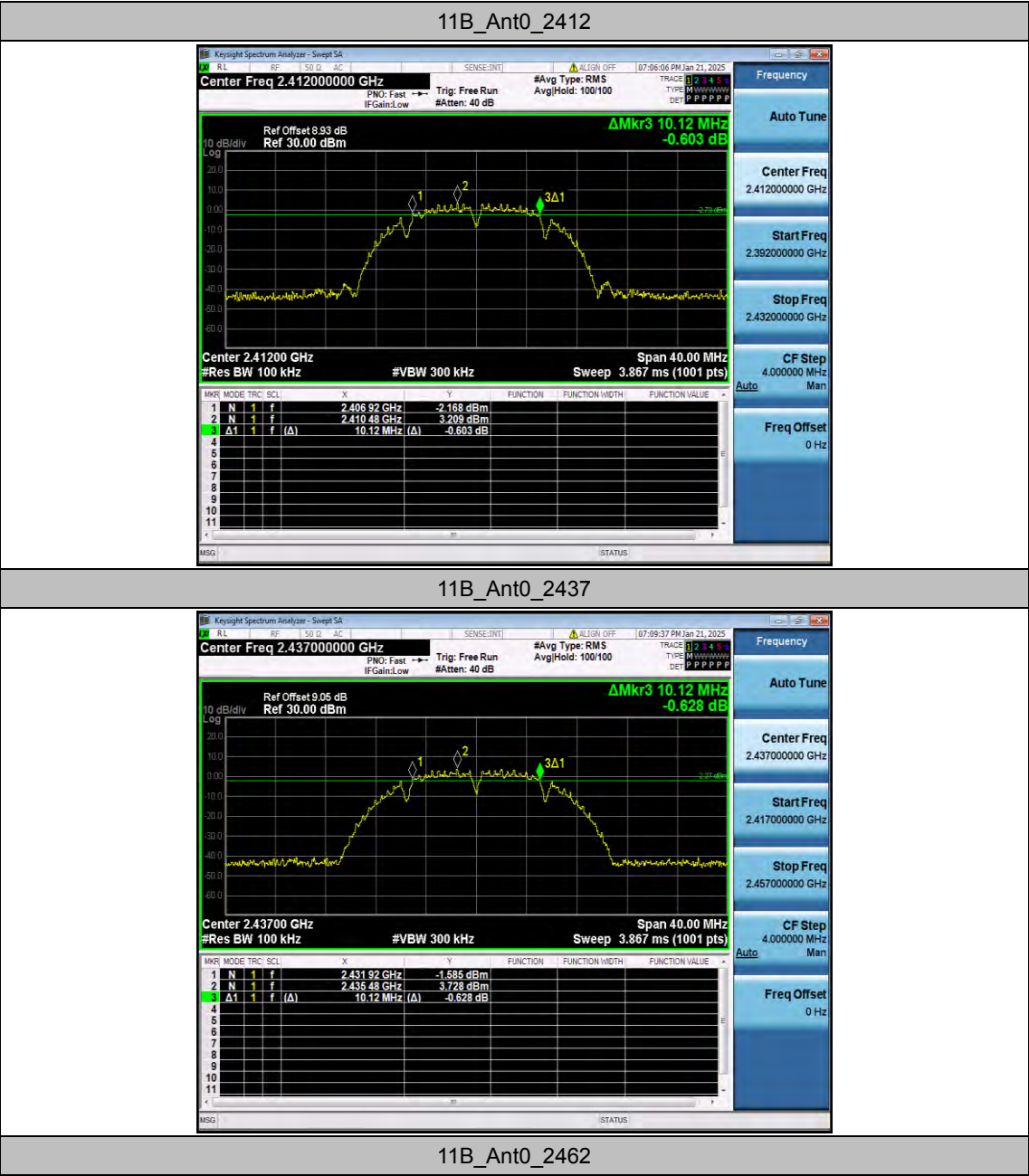
Case No. : <u>GTS20250106018-3-03</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.1.21</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

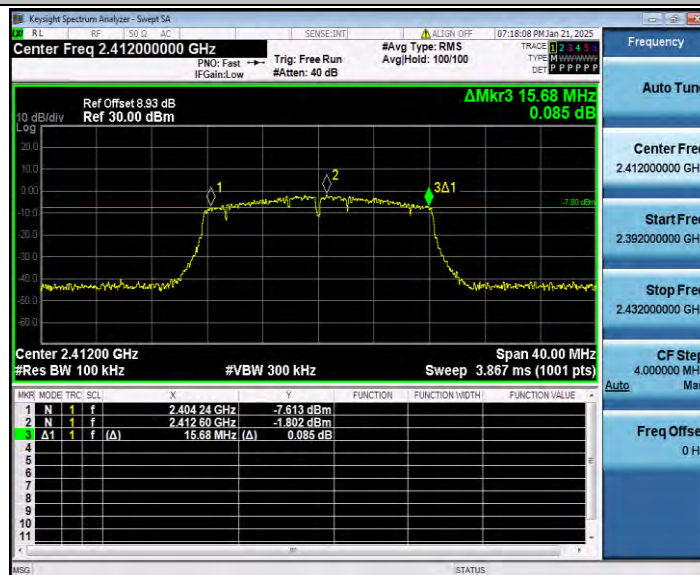
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	10.120	2406.920	2417.040	0.5	PASS
		2437	10.120	2431.920	2442.040	0.5	PASS
		2462	10.080	2456.920	2467.000	0.5	PASS
11G	Ant0	2412	15.680	2404.240	2419.920	0.5	PASS
		2437	16.440	2428.760	2445.200	0.5	PASS
		2462	16.440	2453.760	2470.200	0.5	PASS
11N20SISO	Ant0	2412	17.640	2403.160	2420.800	0.5	PASS
		2437	17.640	2428.160	2445.800	0.5	PASS
		2462	17.640	2453.160	2470.800	0.5	PASS
11N40SISO	Ant0	2422	34.560	2404.960	2439.520	0.5	PASS
		2437	36.480	2418.760	2455.240	0.5	PASS
		2452	36.480	2433.760	2470.240	0.5	PASS
11AX20SISO	Ant0	2412	19.040	2402.480	2421.520	0.5	PASS
		2437	19.000	2427.480	2446.480	0.5	PASS
		2462	19.000	2452.480	2471.480	0.5	PASS
11AX40SISO	Ant0	2422	31.600	2407.680	2439.280	0.5	PASS
		2437	38.080	2417.960	2456.040	0.5	PASS
		2452	38.080	2432.960	2471.040	0.5	PASS

Test Graphs

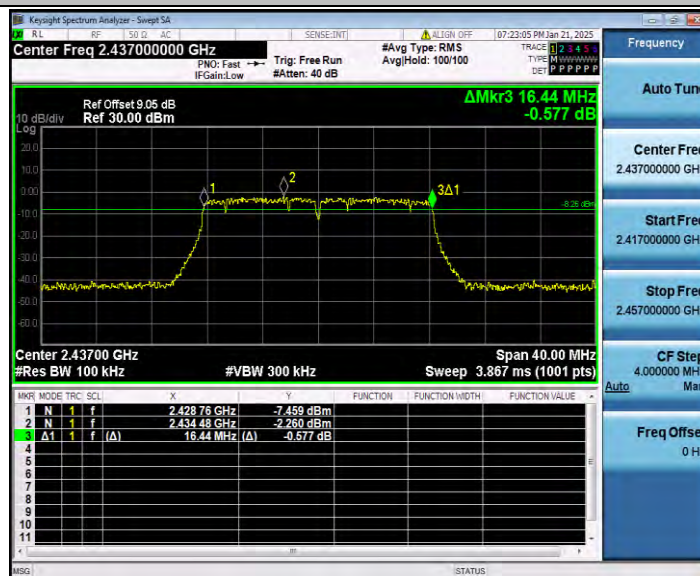




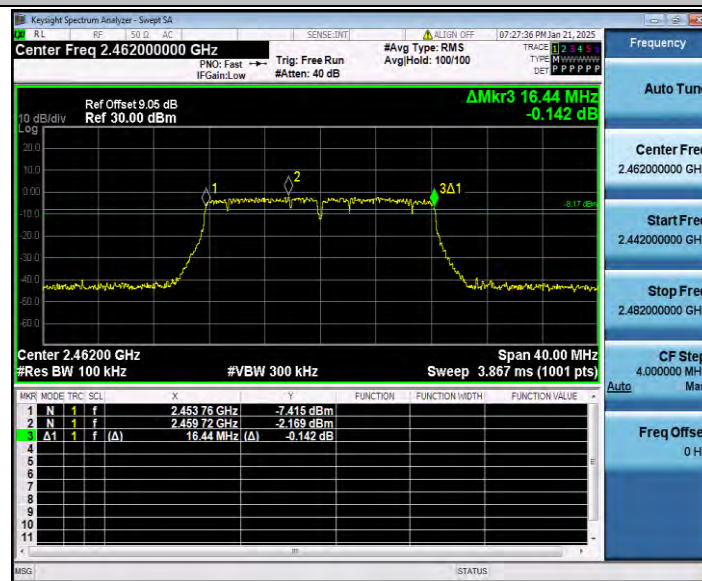
11G_Ant0_2412



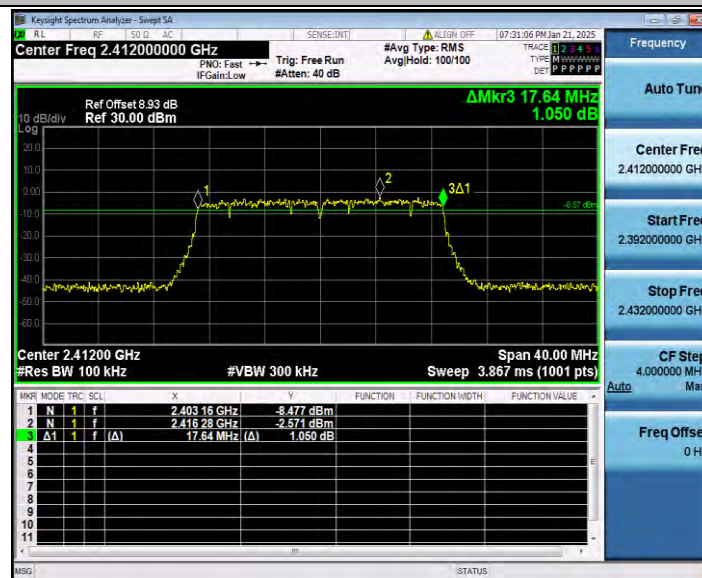
11G_Ant0_2437



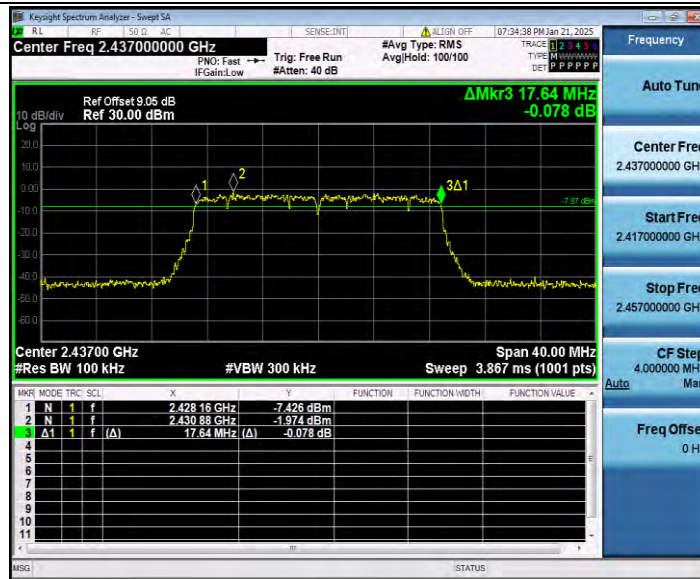
11G_Ant0_2462



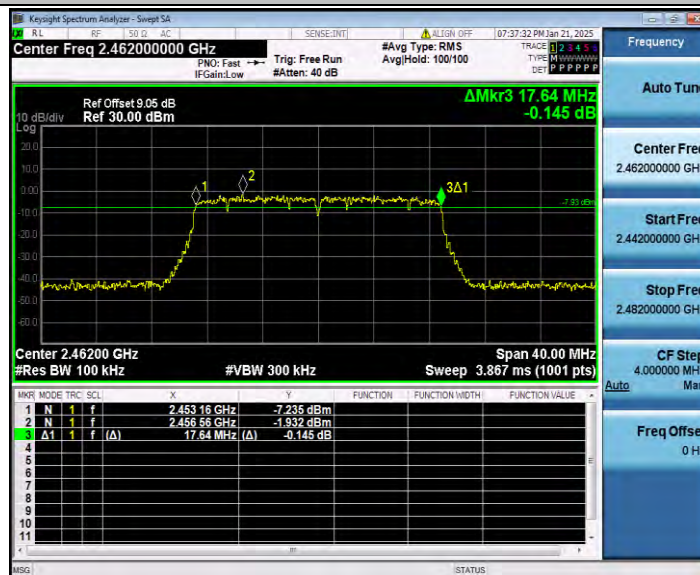
11N20SISO_Ant0_2412



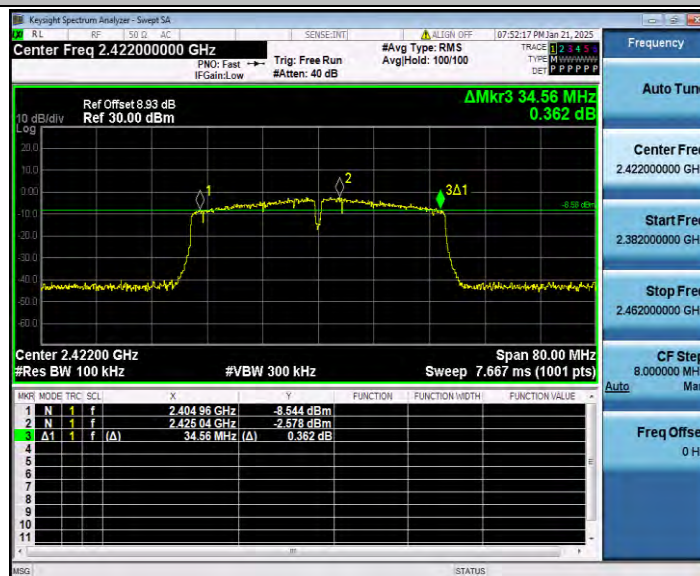
11N20SISO_Ant0_2437



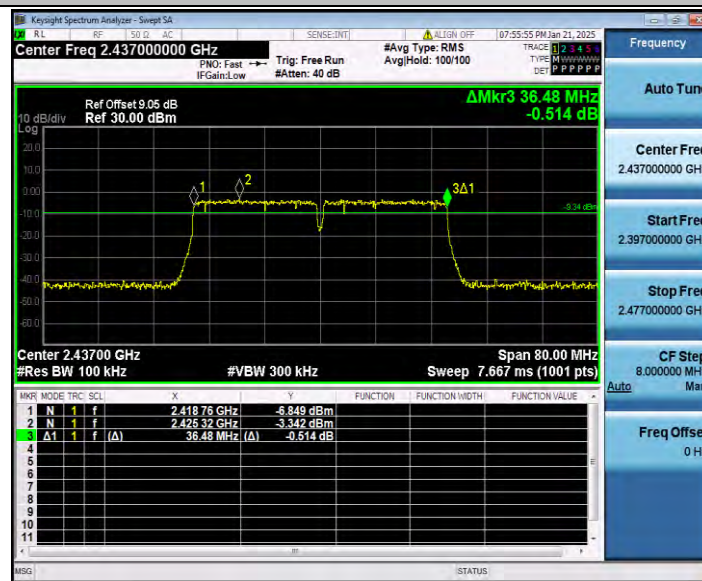
11N20SISO_Ant0_2462



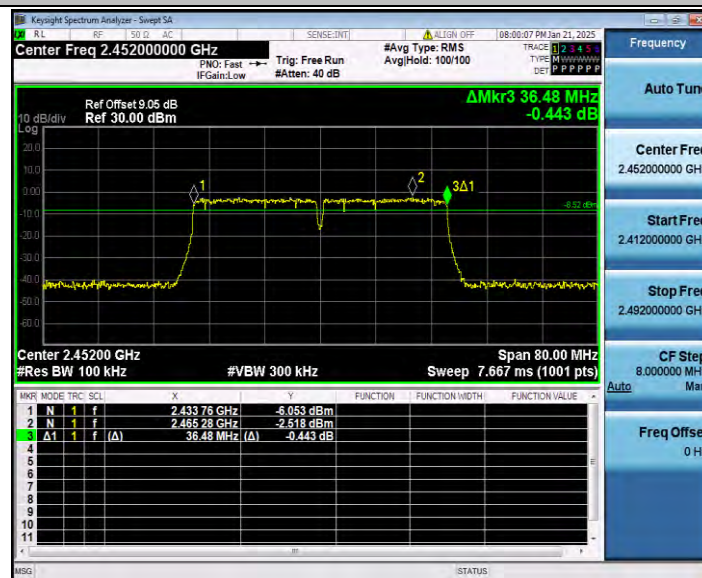
11N40SISO_Ant0_2422



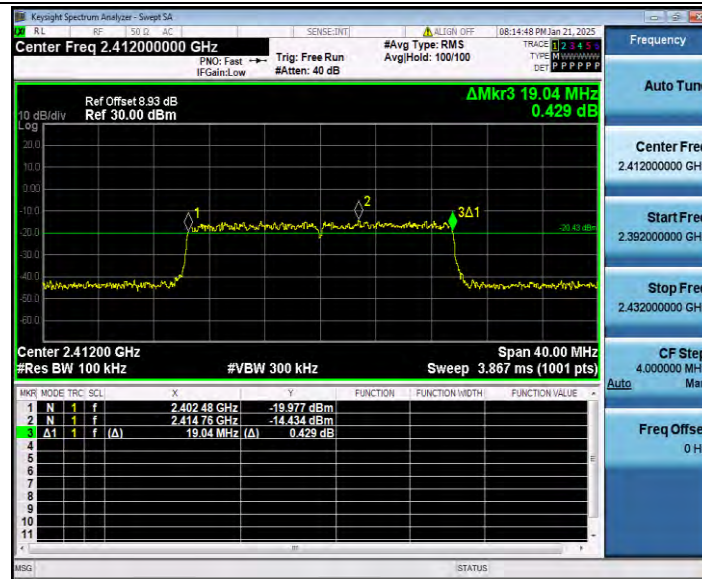
11N40SISO_Ant0_2437



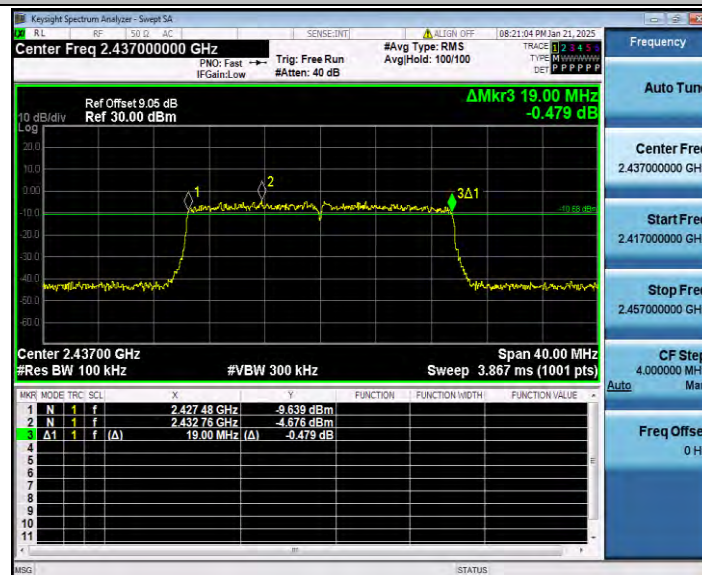
11N40SISO_Ant0_2452



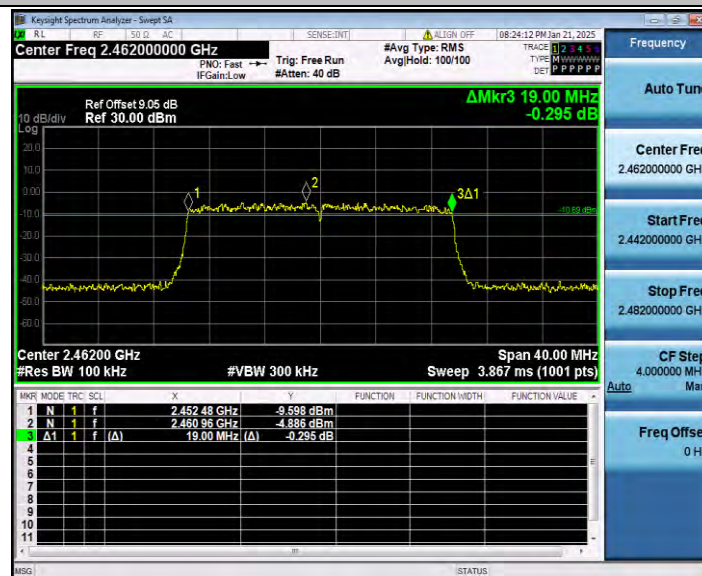
11AX20SISO_Ant0_2412



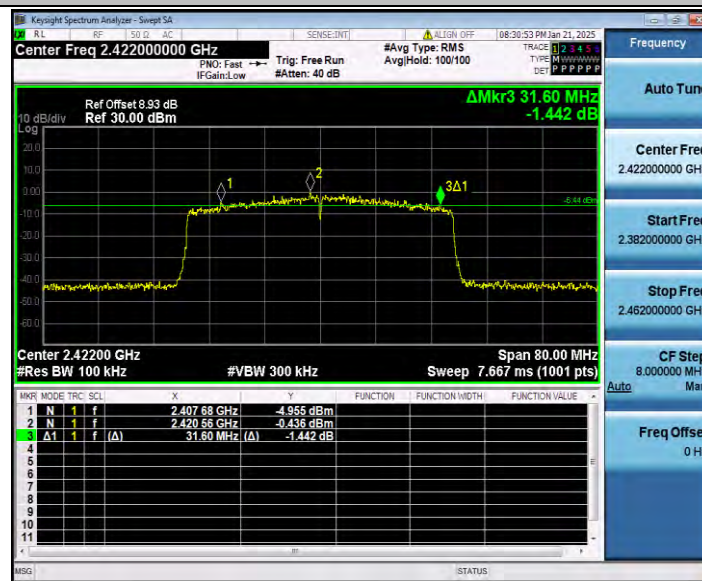
11AX20SISO_Ant0_2437



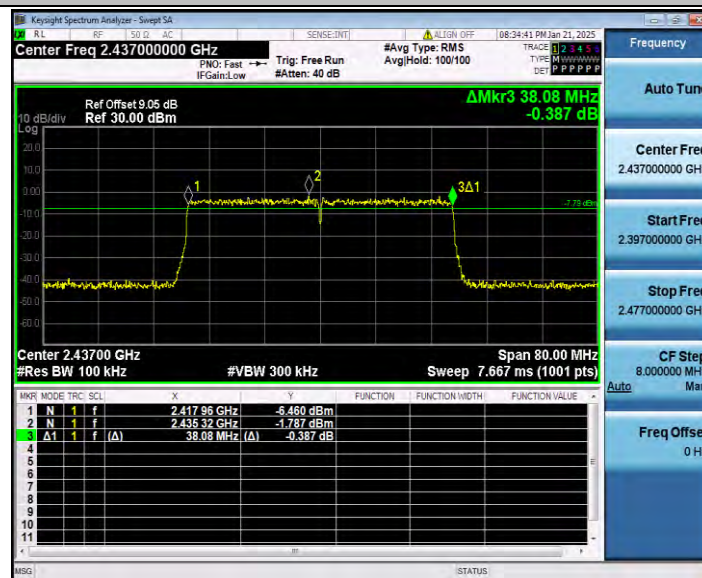
11AX20SISO_Ant0_2462



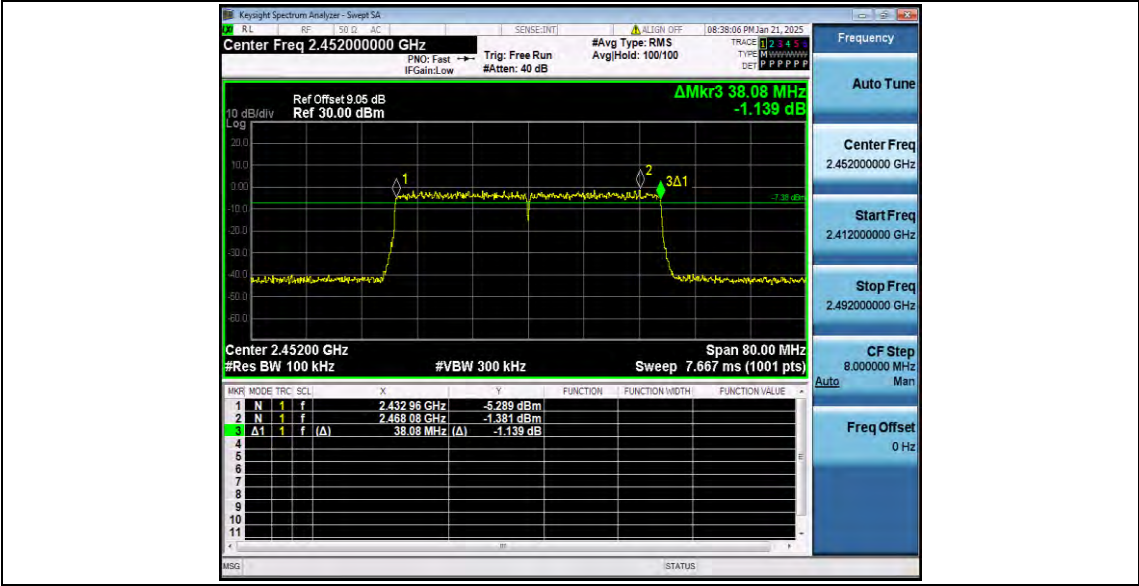
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



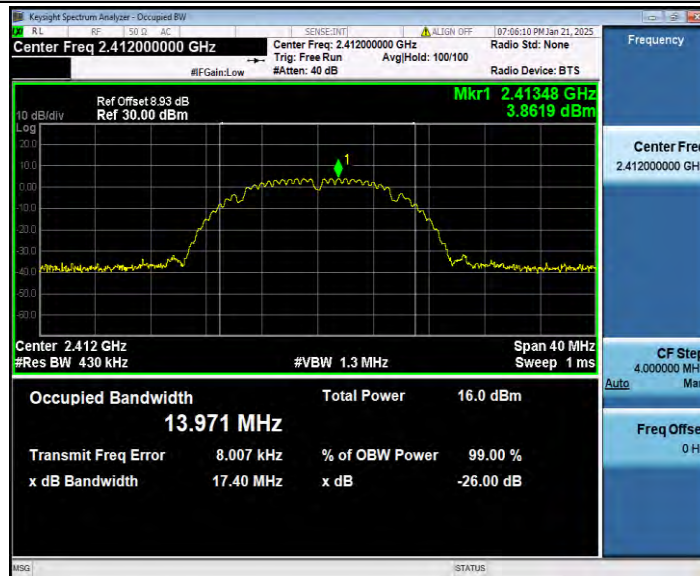
Appendix C.2: Occupied Channel Bandwidth

Test Result

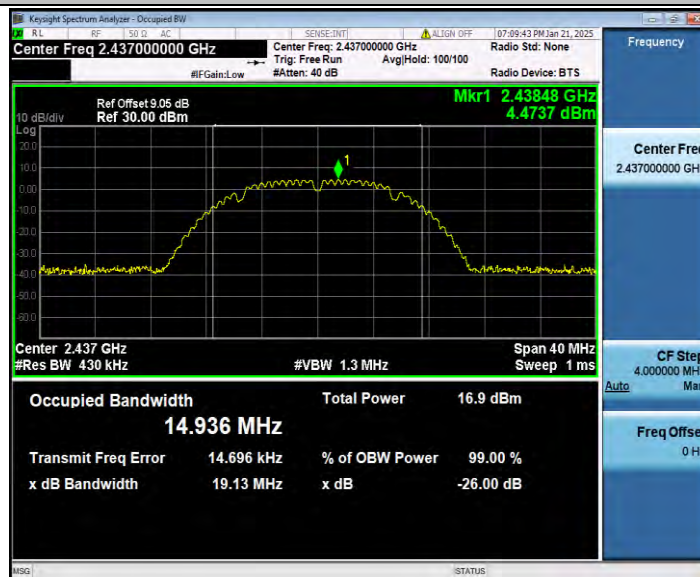
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	13.971	2405.0225	2418.9935	---	---
		2437	14.936	2429.5467	2444.4827	---	---
		2462	14.926	2454.5106	2469.4366	---	---
11G	Ant0	2412	16.214	2403.9045	2420.1185	---	---
		2437	16.509	2428.7073	2445.2163	---	---
		2462	16.478	2453.7230	2470.2010	---	---
11N20SISO	Ant0	2412	17.591	2403.2190	2420.8100	---	---
		2437	17.588	2428.1858	2445.7738	---	---
		2462	17.591	2453.1888	2470.7798	---	---
11N40SISO	Ant0	2422	35.625	2404.2035	2439.8285	---	---
		2437	36.226	2418.8829	2455.1089	---	---
		2452	36.192	2433.8951	2470.0871	---	---
11AX20SISO	Ant0	2412	19.033	2402.5079	2421.5409	---	---
		2437	18.873	2427.5814	2446.4544	---	---
		2462	18.950	2452.5158	2471.4658	---	---
11AX40SISO	Ant0	2422	37.231	2403.4412	2440.6722	---	---
		2437	37.887	2418.0448	2455.9318	---	---
		2452	37.870	2433.0795	2470.9495	---	---

Test Graphs

11B_Ant0_2412



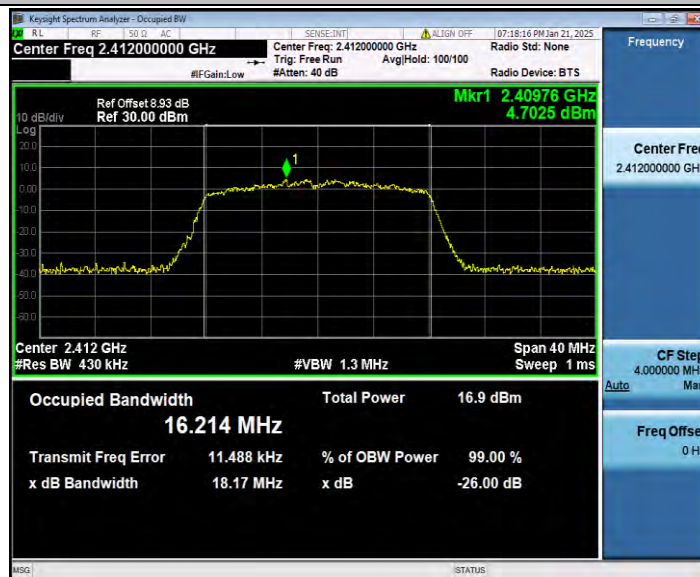
11B_Ant0_2437



11B_Ant0_2462



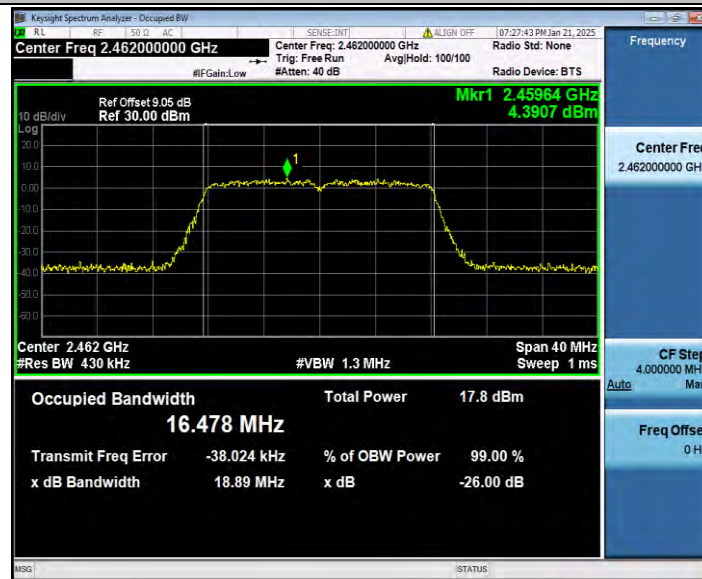
11G_Ant0_2412



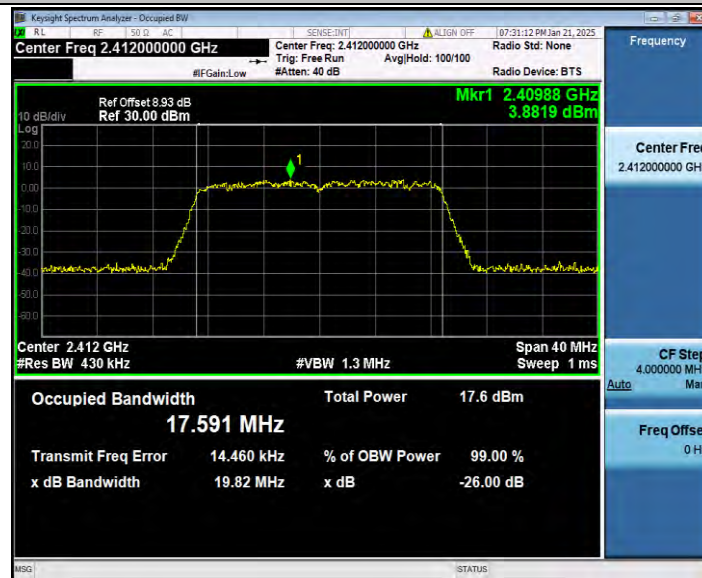
11G_Ant0_2437



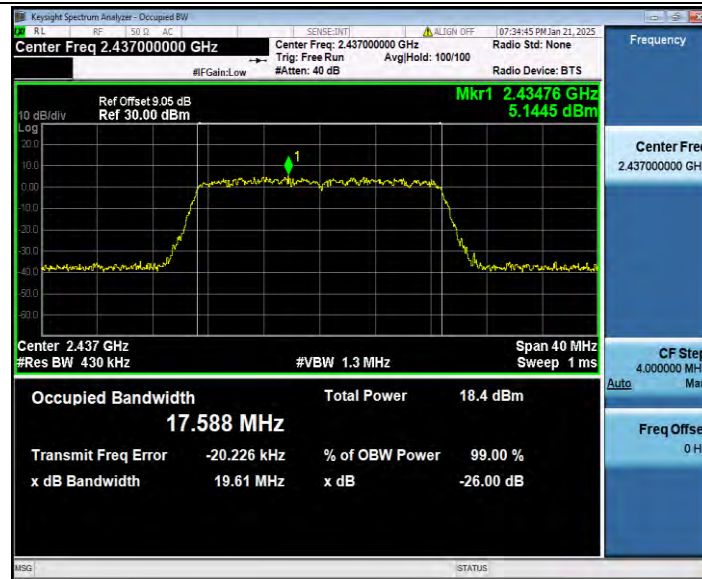
11G_Ant0_2462



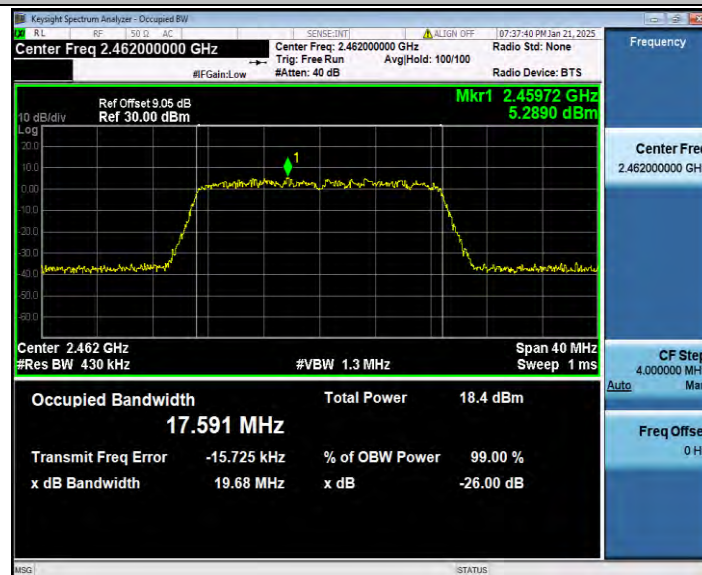
11N20SISO_Ant0_2412



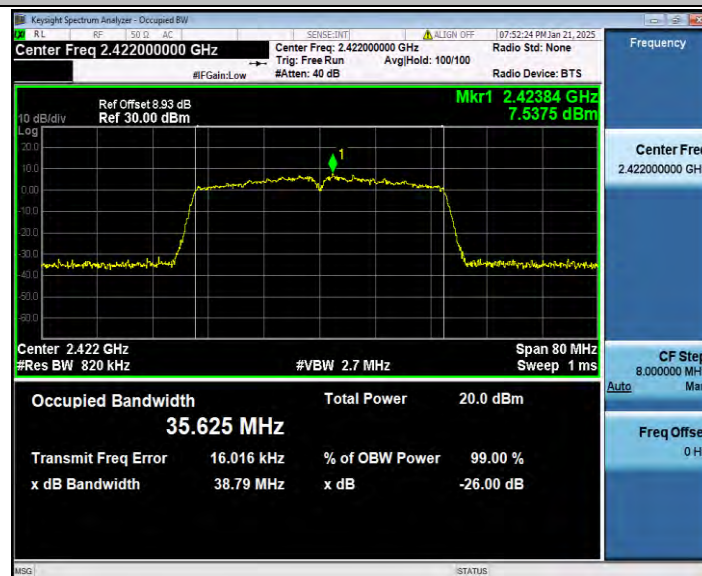
11N20SISO_Ant0_2437



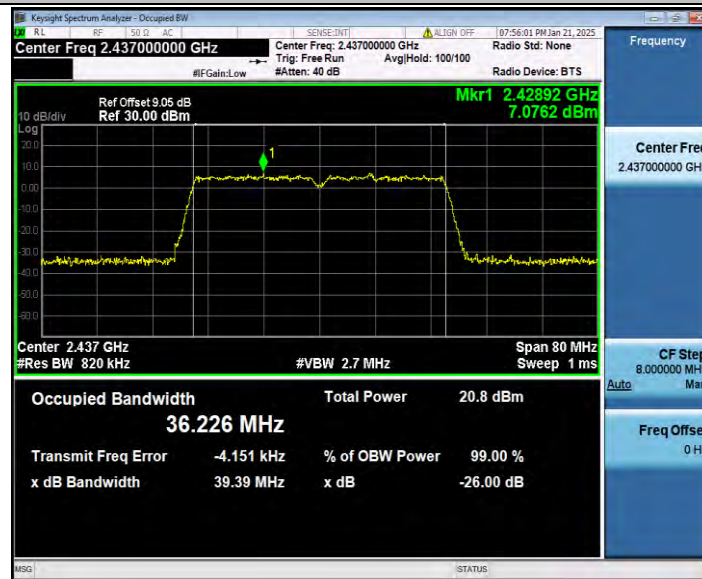
11N20SISO_Ant0_2462



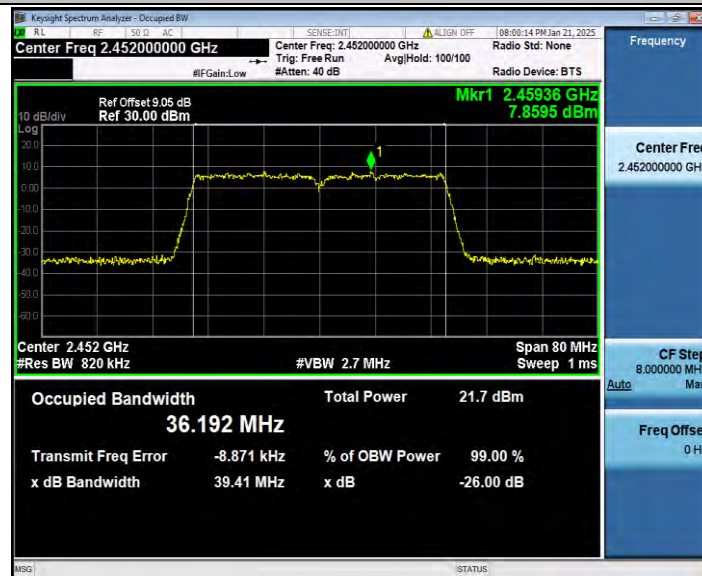
11N40SISO_Ant0_2422



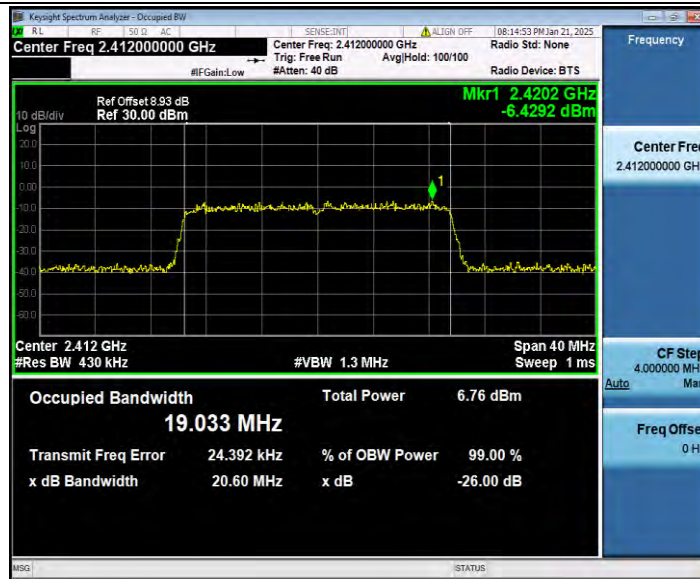
11N40SISO_Ant0_2437



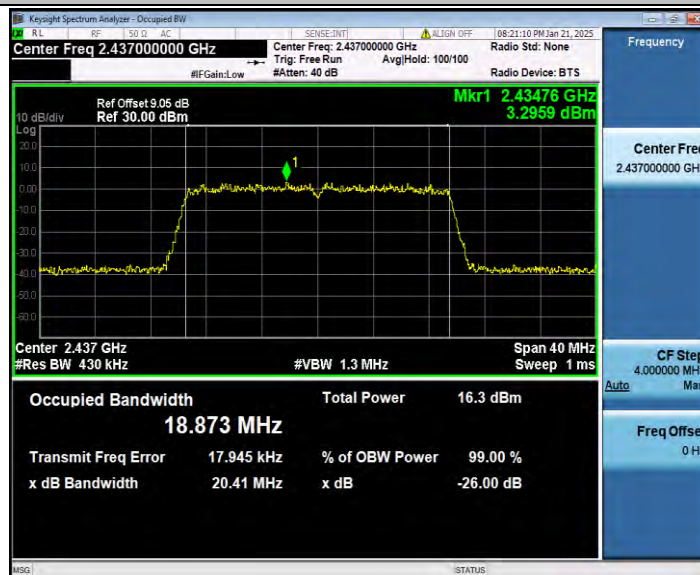
11N40SISO_Ant0_2452



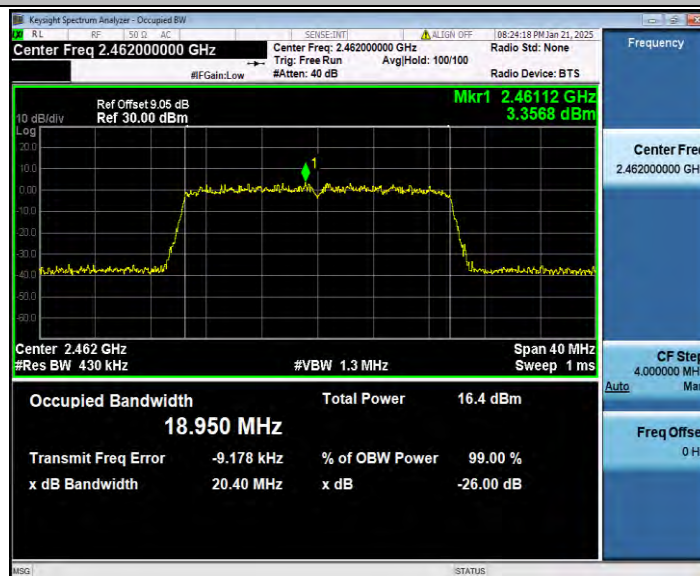
11AX20SISO_Ant0_2412



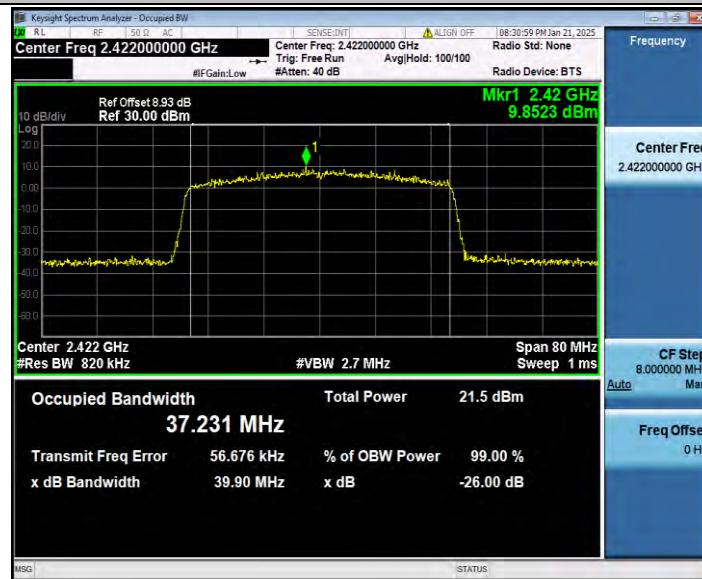
11AX20SISO_Ant0_2437



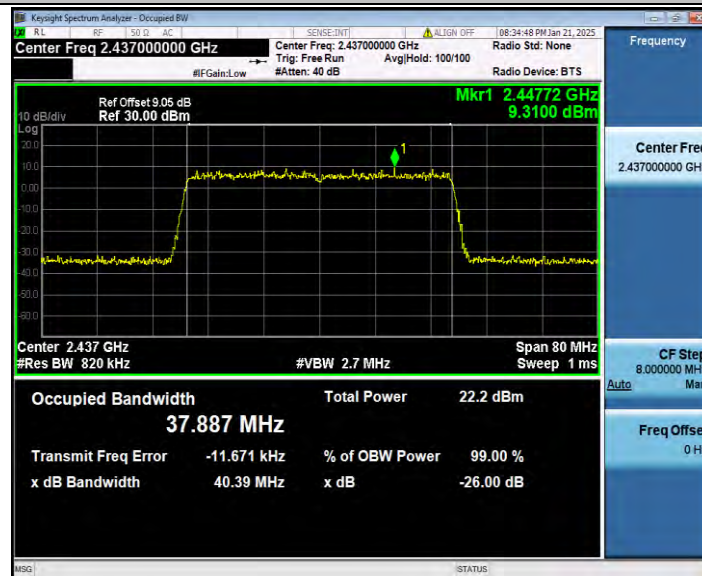
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	16.09	≤30.00	PASS
		2437	16.92	≤30.00	PASS
		2462	17.02	≤30.00	PASS
11G	Ant0	2412	18.03	≤30.00	PASS
		2437	18.93	≤30.00	PASS
		2462	19.02	≤30.00	PASS
11N20SISO	Ant0	2412	18.62	≤30.00	PASS
		2437	19.34	≤30.00	PASS
		2462	19.48	≤30.00	PASS
11N40SISO	Ant0	2422	20.28	≤30.00	PASS
		2437	21.08	≤30.00	PASS
		2452	21.94	≤30.00	PASS
11AX20SISO	Ant0	2412	18.10	≤30.00	PASS
		2437	17.66	≤30.00	PASS
		2462	17.82	≤30.00	PASS
11AX40SISO	Ant0	2422	21.48	≤30.00	PASS
		2437	22.24	≤30.00	PASS
		2452	22.66	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

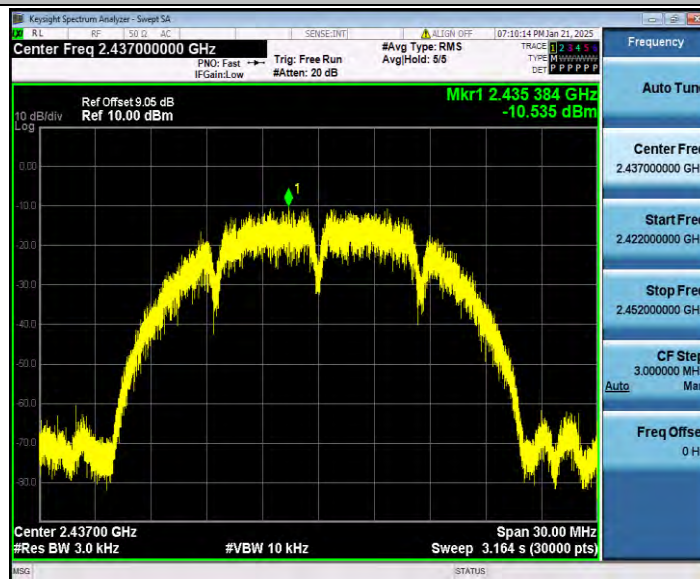
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-11.08	≤8.00	PASS
		2437	-10.54	≤8.00	PASS
		2462	-10.22	≤8.00	PASS
11G	Ant0	2412	-5.71	≤8.00	PASS
		2437	-5.79	≤8.00	PASS
		2462	-5.71	≤8.00	PASS
11N20SISO	Ant0	2412	-6.34	≤8.00	PASS
		2437	-5.57	≤8.00	PASS
		2462	-5.43	≤8.00	PASS
11N40SISO	Ant0	2422	-7.35	≤8.00	PASS
		2437	-6.90	≤8.00	PASS
		2452	-5.82	≤8.00	PASS
11AX20SISO	Ant0	2412	-4.96	≤8.00	PASS
		2437	-5.57	≤8.00	PASS
		2462	-4.94	≤8.00	PASS
11AX40SISO	Ant0	2422	-11.71	≤8.00	PASS
		2437	-11.60	≤8.00	PASS
		2452	-11.50	≤8.00	PASS

Test Graphs

11B_Ant0_2412



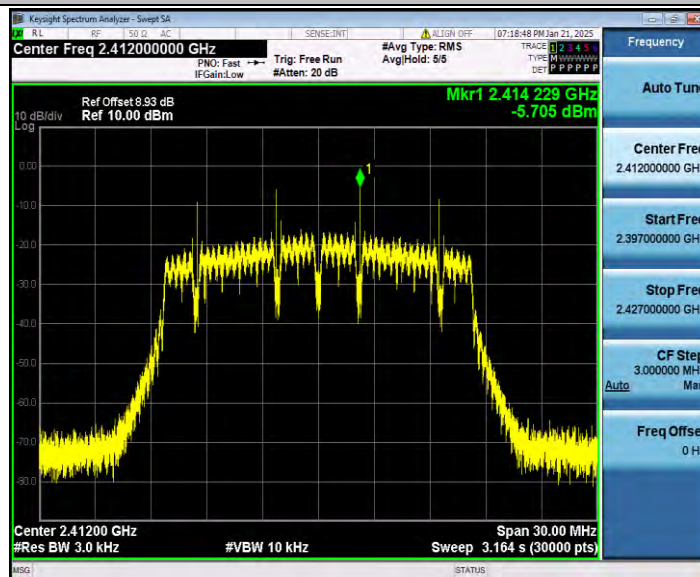
11B_Ant0_2437



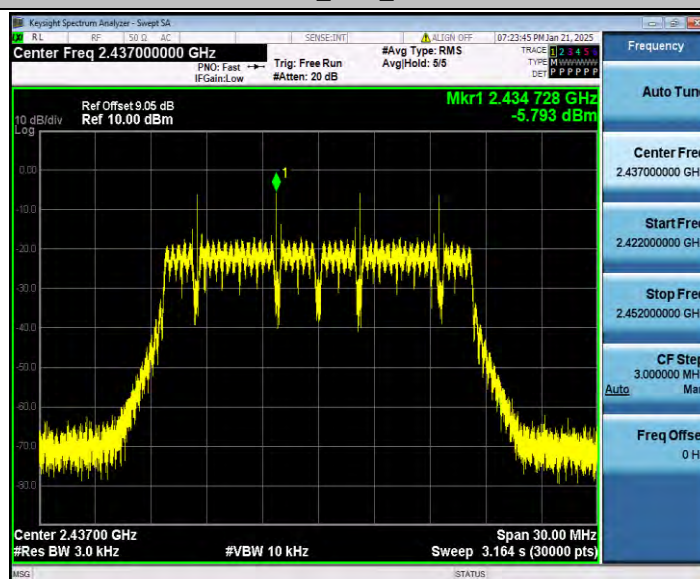
11B_Ant0_2462



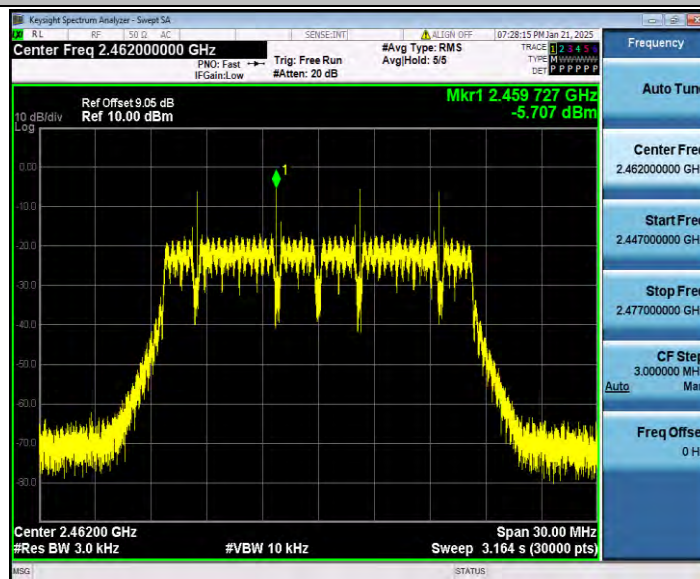
11G_Ant0_2412



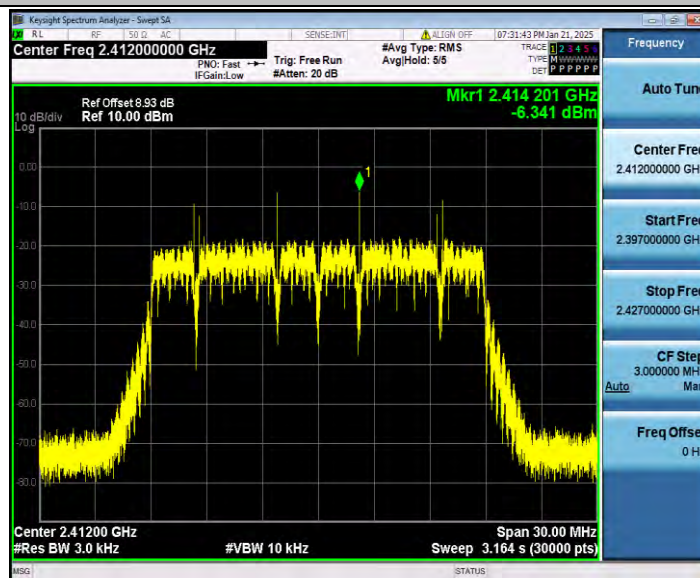
11G_Ant0_2437



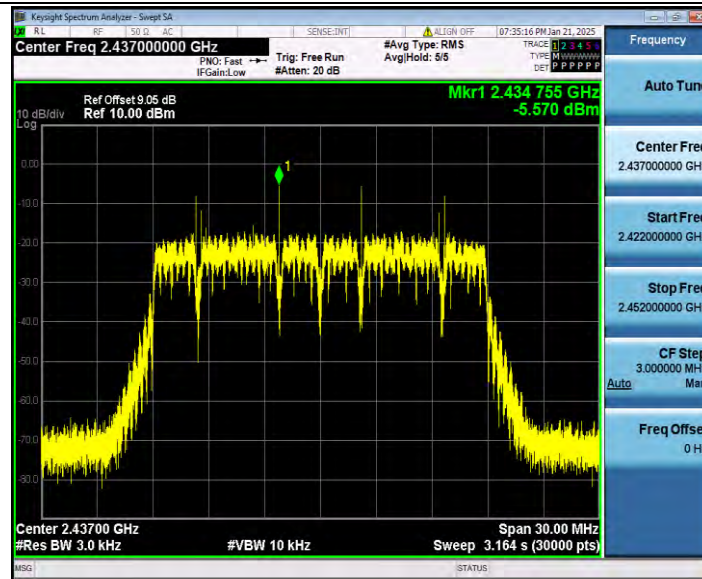
11G_Ant0_2462



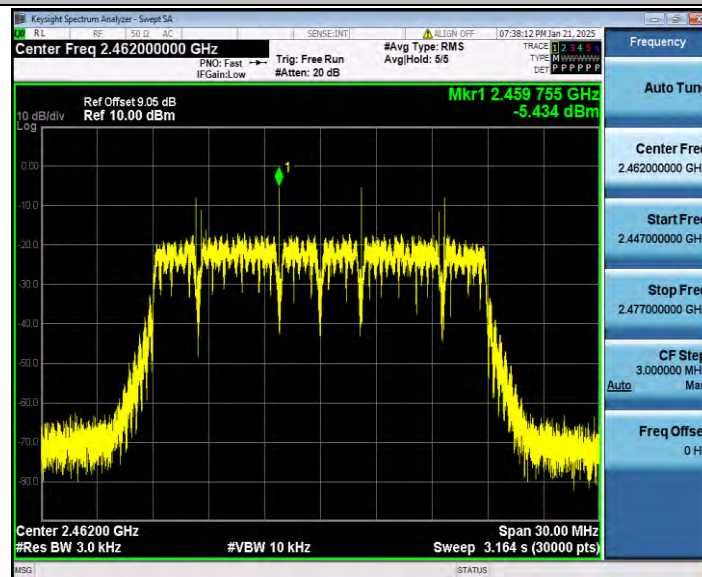
11N20SISO_Ant0_2412



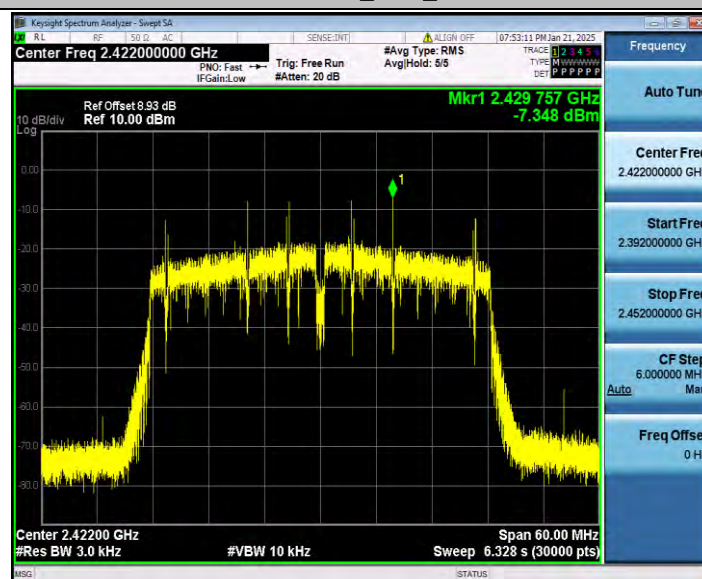
11N20SISO_Ant0_2437



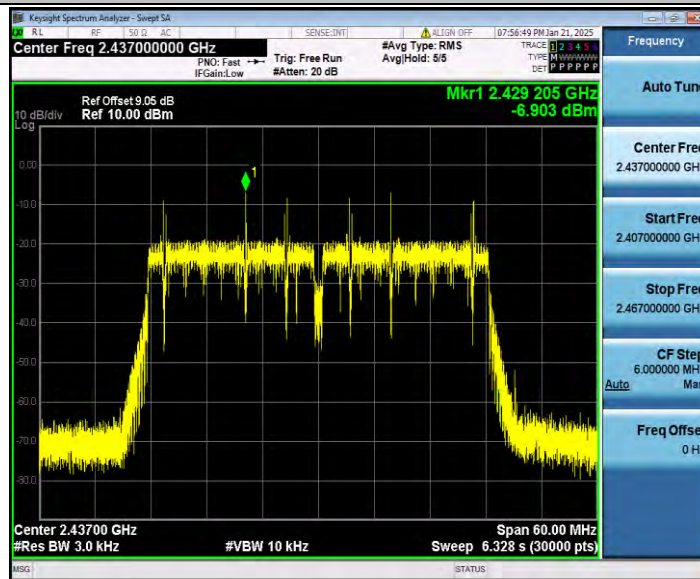
11N20SISO_Ant0_2462



11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



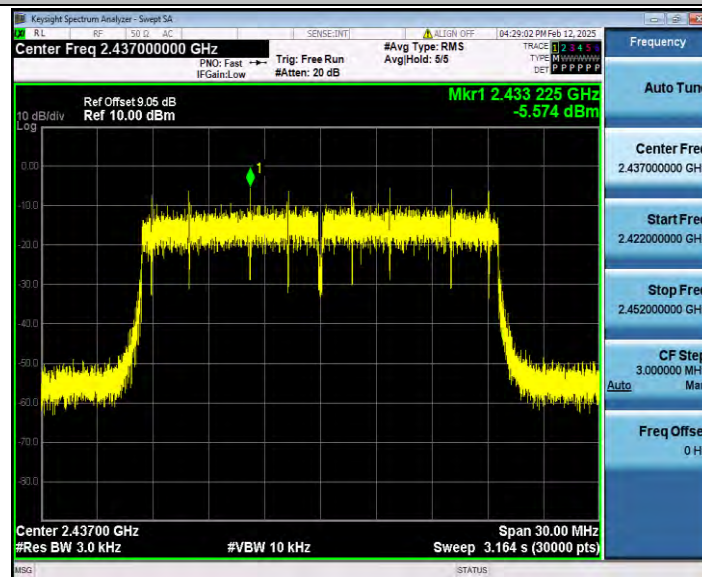
11N40SISO_Ant0_2452



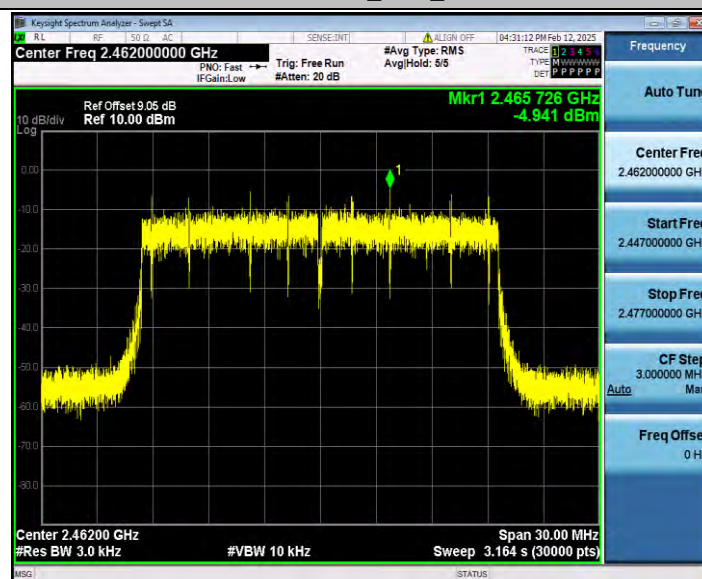
11AX20SISO_Ant0_2412



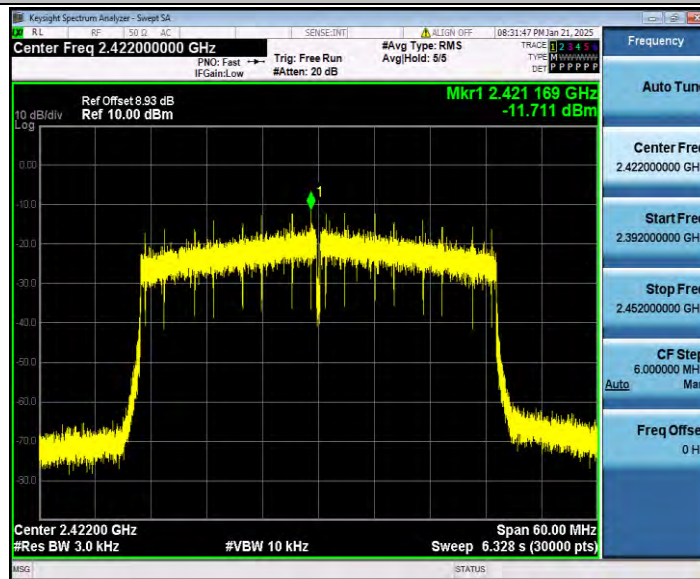
11AX20SISO_Ant0_2437



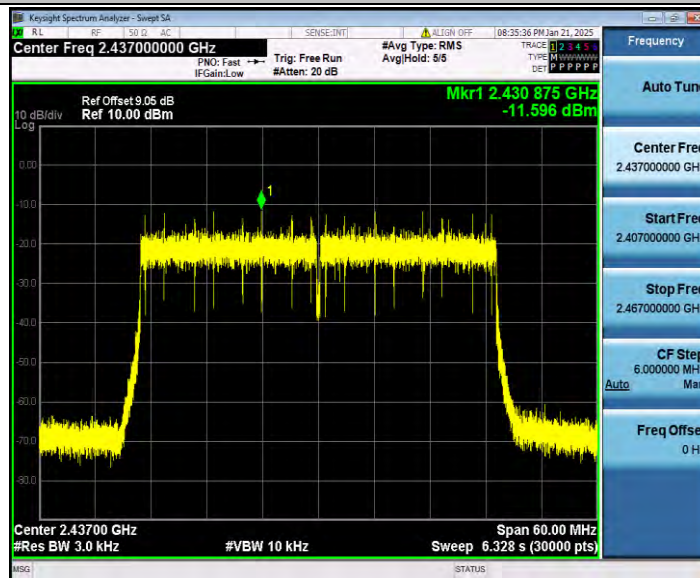
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

