

Case No. : <u>GTS20250919018-2-11</u>
Ambient Condition: <u>22°C, 49%RH,</u>
Test Date: <u>2025.9.30-2025.10.21</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	Ant1	2412	9.280	2407.320	2416.600	0.5	PASS
		2437	9.320	2432.320	2441.640	0.5	PASS
		2462	9.280	2457.320	2466.600	0.5	PASS
11G	Ant1	2412	16.480	2403.680	2420.160	0.5	PASS
		2437	16.560	2428.640	2445.200	0.5	PASS
		2462	16.560	2453.680	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.720	2403.120	2420.840	0.5	PASS
		2437	17.920	2428.000	2445.920	0.5	PASS
		2462	17.920	2452.920	2470.840	0.5	PASS
11N40SISO	Ant1	2422	36.400	2403.680	2440.080	0.5	PASS
		2437	36.480	2418.680	2455.160	0.5	PASS
		2452	36.240	2433.840	2470.080	0.5	PASS
11AX20SISO	Ant1	2412	18.920	2402.440	2421.360	0.5	PASS
		2437	19.120	2427.400	2446.520	0.5	PASS
		2462	18.720	2452.640	2471.360	0.5	PASS
11AX40SISO	Ant1	2422	37.840	2402.880	2440.720	0.5	PASS
		2437	38.160	2417.800	2455.960	0.5	PASS
		2452	37.840	2433.040	2470.880	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



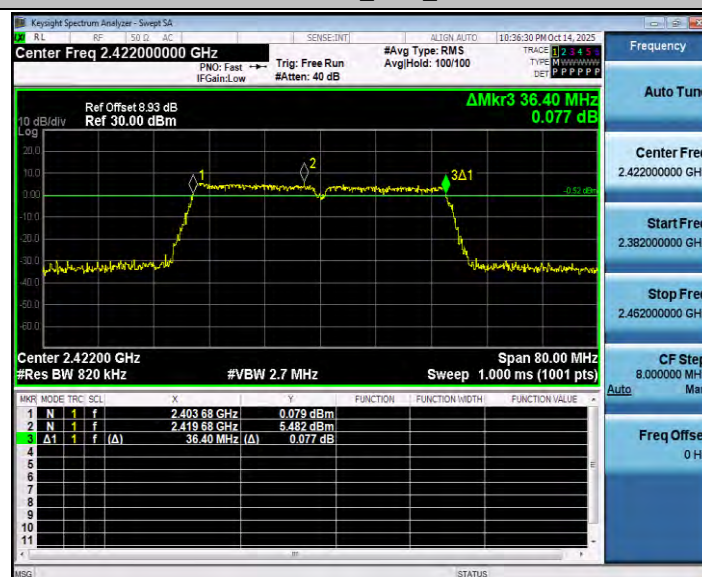
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



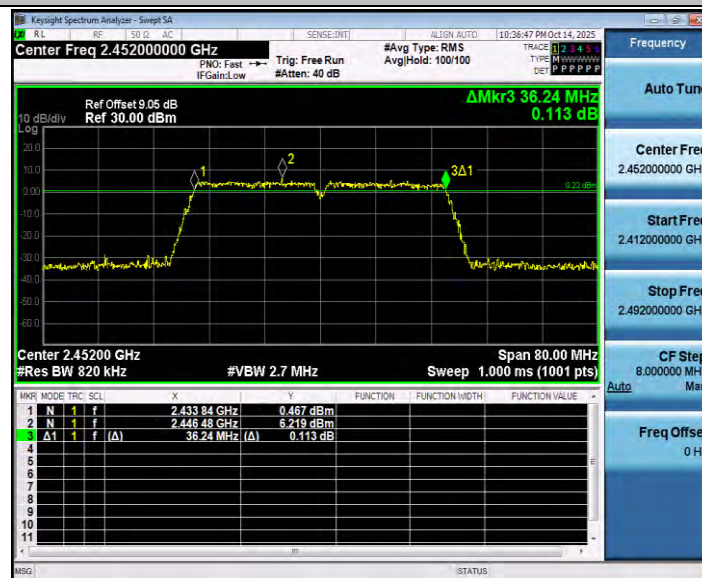
11N40SISO_Ant1_2422



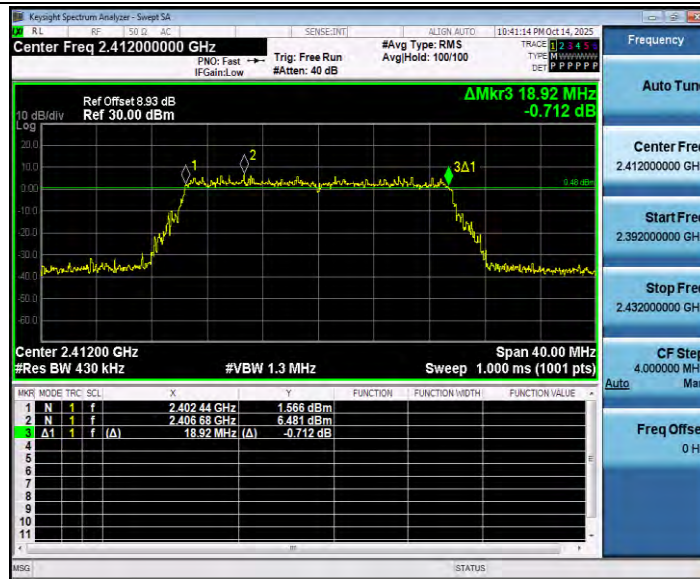
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



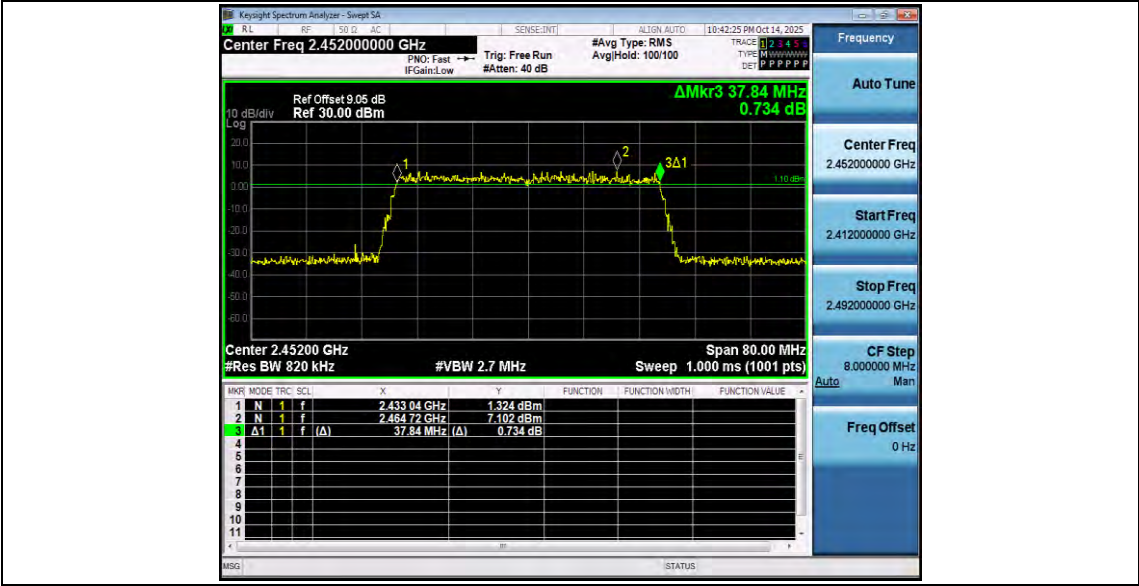
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



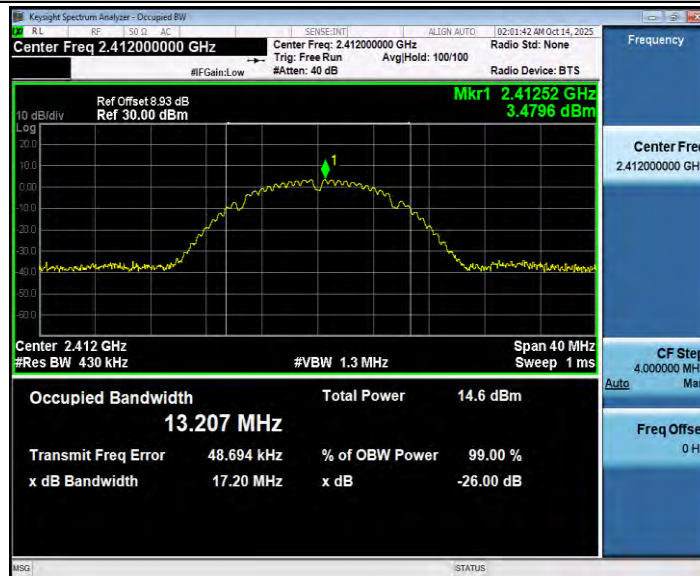
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.207	2405.4452	2418.6522	---	---
		2437	13.221	2430.4019	2443.6229	---	---
		2462	13.219	2455.3959	2468.6149	---	---
11G	Ant1	2412	17.298	2403.3365	2420.6345	---	---
		2437	17.360	2428.2295	2445.5895	---	---
		2462	17.303	2453.2690	2470.5720	---	---
11N20SISO	Ant1	2412	18.430	2402.7702	2421.2002	---	---
		2437	18.500	2427.7014	2446.2014	---	---
		2462	18.323	2452.7879	2471.1109	---	---
11N40SISO	Ant1	2422	36.669	2403.6910	2440.3600	---	---
		2437	36.690	2418.5628	2455.2528	---	---
		2452	36.597	2433.6067	2470.2037	---	---
11AX20SISO	Ant1	2412	19.228	2402.3984	2421.6264	---	---
		2437	19.221	2427.3728	2446.5938	---	---
		2462	19.186	2452.3782	2471.5642	---	---
11AX40SISO	Ant1	2422	37.927	2403.0047	2440.9317	---	---
		2437	38.111	2417.9053	2456.0163	---	---
		2452	37.985	2433.0164	2471.0014	---	---

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



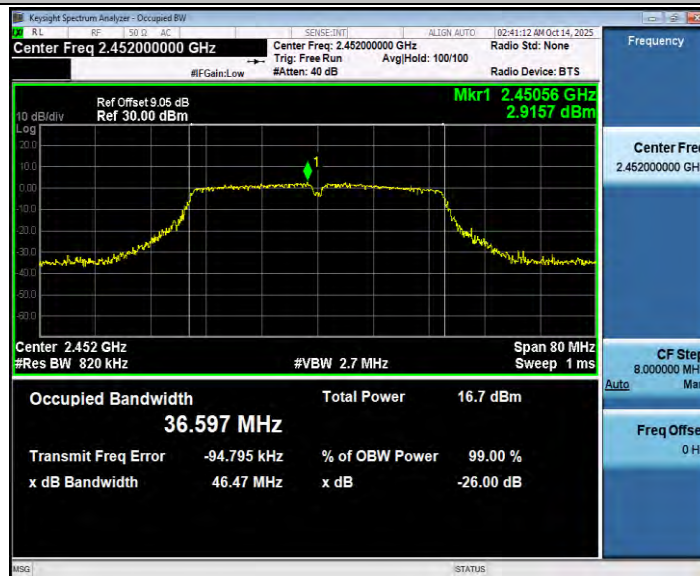
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



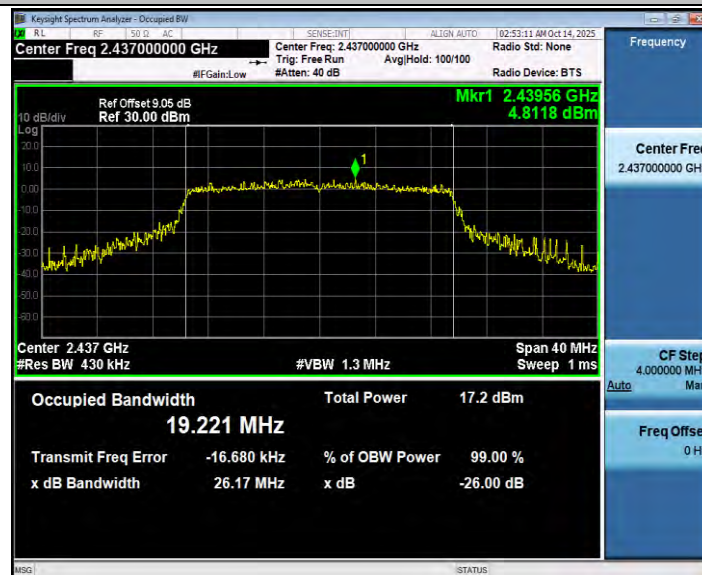
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



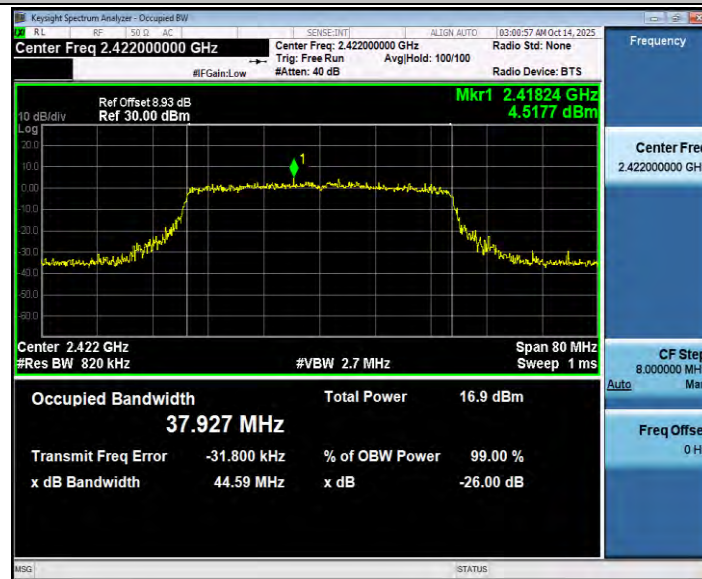
11AX20SISO_Ant1_2437



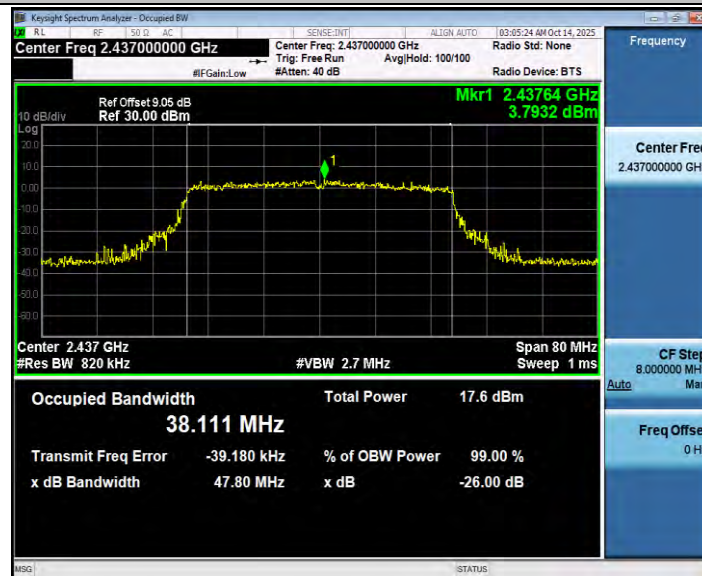
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.64	≤30.00	PASS
		2437	13.97	≤30.00	PASS
		2462	13.16	≤30.00	PASS
11G	Ant1	2412	17.00	≤30.00	PASS
		2437	17.43	≤30.00	PASS
		2462	16.95	≤30.00	PASS
11N20SISO	Ant1	2412	16.83	≤30.00	PASS
		2437	17.31	≤30.00	PASS
		2462	16.82	≤30.00	PASS
11N40SISO	Ant1	2422	16.57	≤30.00	PASS
		2437	17.46	≤30.00	PASS
		2452	17.08	≤30.00	PASS
11AX20SISO	Ant1	2412	17.26	≤30.00	PASS
		2437	17.94	≤30.00	PASS
		2462	17.29	≤30.00	PASS
11AX40SISO	Ant1	2422	17.05	≤30.00	PASS
		2437	17.76	≤30.00	PASS
		2452	17.51	≤30.00	PASS

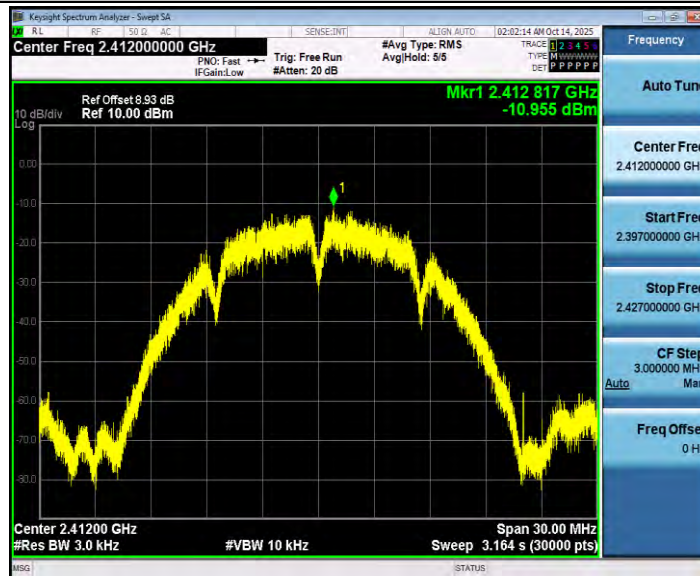
Appendix C.4: Maximum power spectral density

Test Result

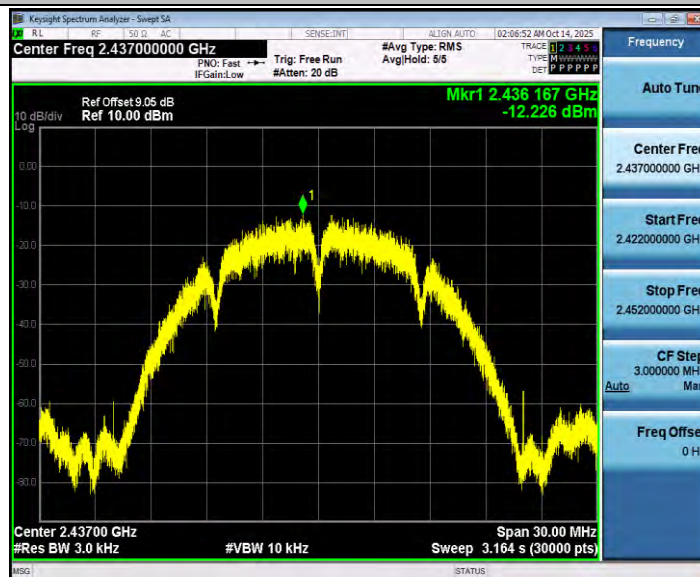
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.96	≤8.00	PASS
		2437	-12.23	≤8.00	PASS
		2462	-12.56	≤8.00	PASS
11G	Ant1	2412	-15.19	≤8.00	PASS
		2437	-14.59	≤8.00	PASS
		2462	-14.74	≤8.00	PASS
11N20SISO	Ant1	2412	-15.67	≤8.00	PASS
		2437	-15.12	≤8.00	PASS
		2462	-15.52	≤8.00	PASS
11N40SISO	Ant1	2422	-18.96	≤8.00	PASS
		2437	-17.43	≤8.00	PASS
		2452	-17.71	≤8.00	PASS
11AX20SISO	Ant1	2412	-15.47	≤8.00	PASS
		2437	-16.81	≤8.00	PASS
		2462	-15.34	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.71	≤8.00	PASS
		2437	-19.62	≤8.00	PASS
		2452	-18.32	≤8.00	PASS

Test Graphs

11B_Ant1_2412



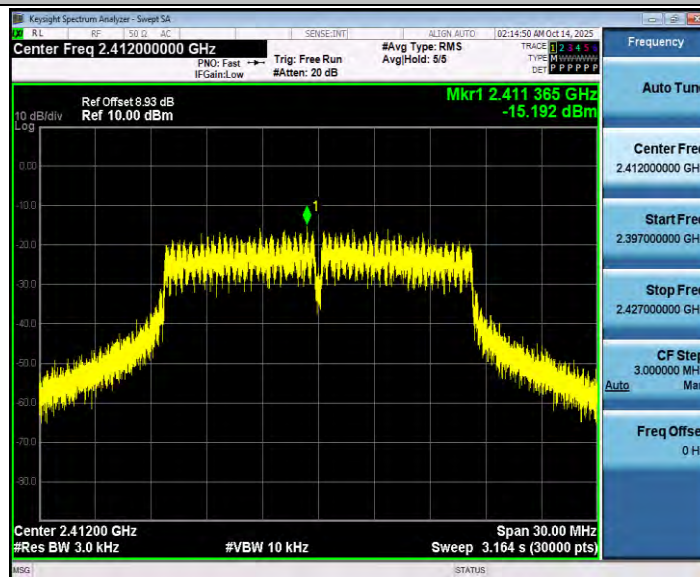
11B_Ant1_2437



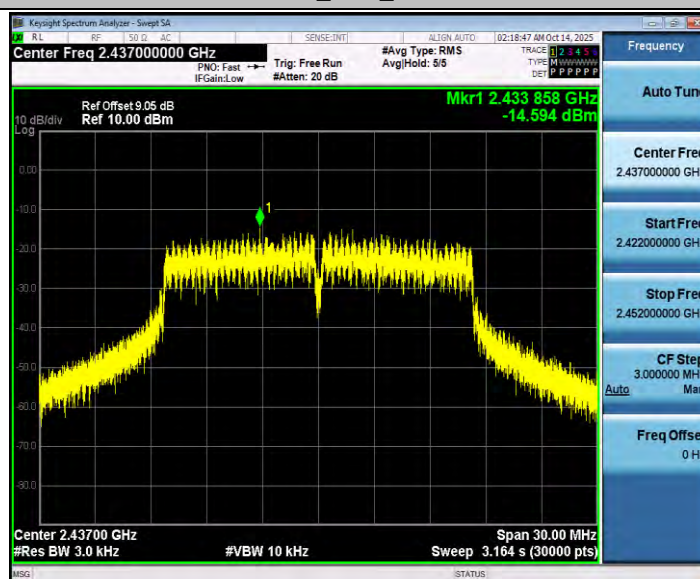
11B_Ant1_2462



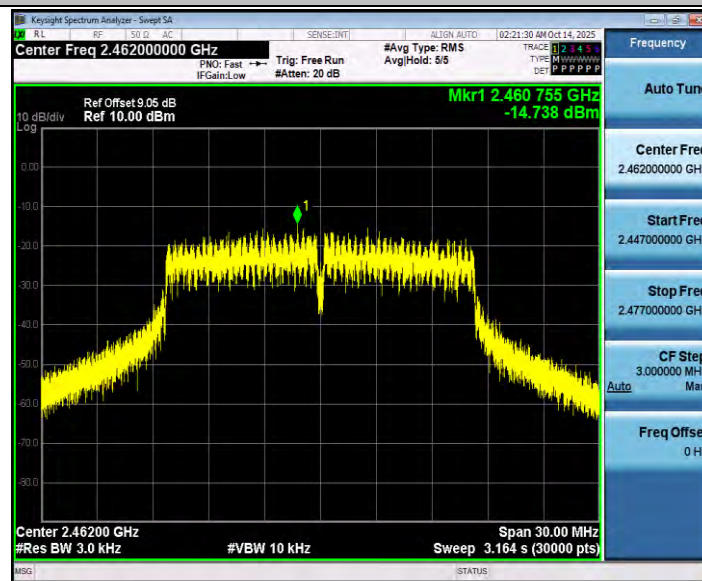
11G_Ant1_2412



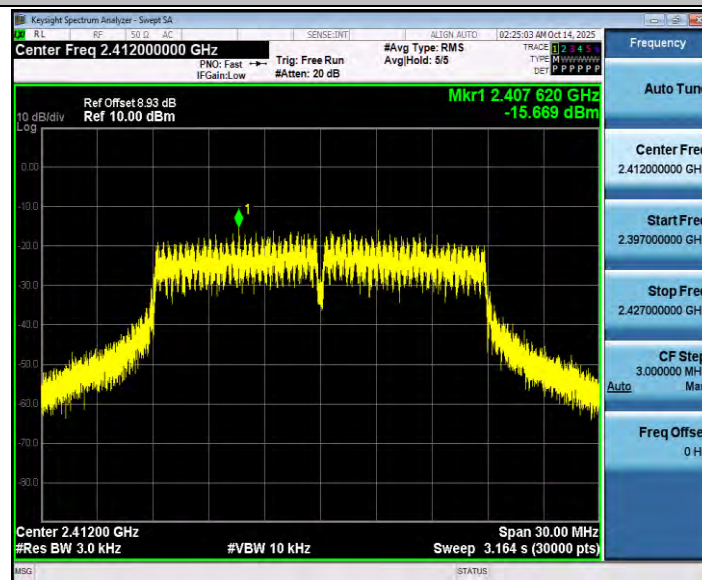
11G_Ant1_2437



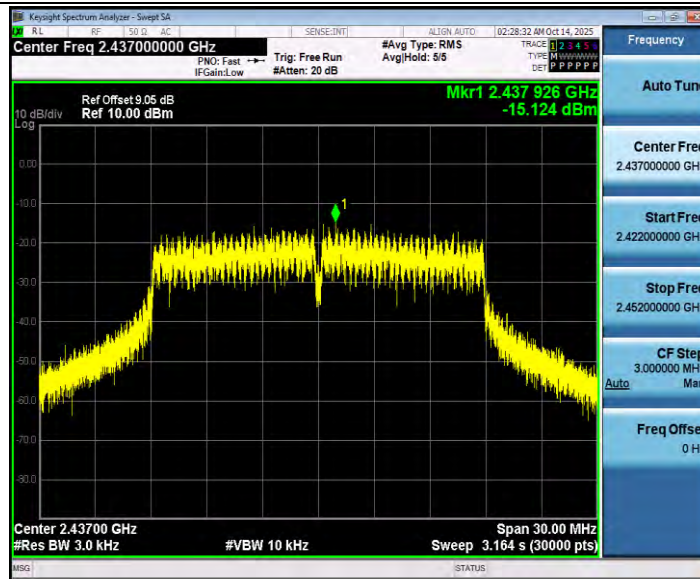
11G_Ant1_2462



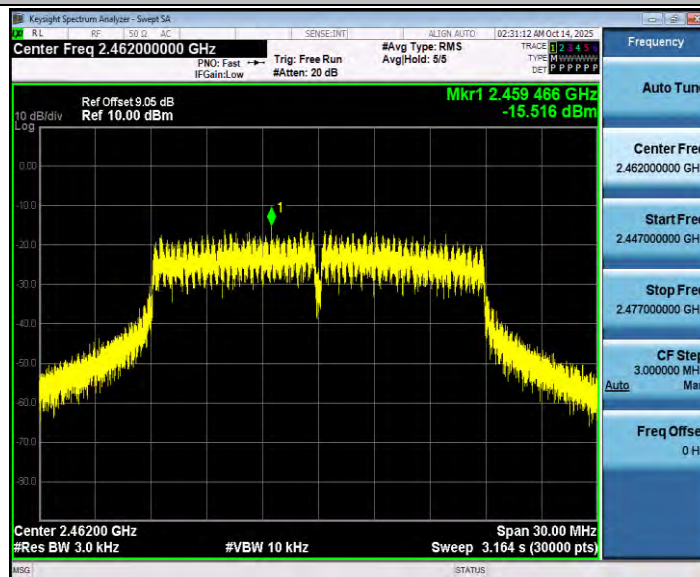
11N20SISO_Ant1_2412



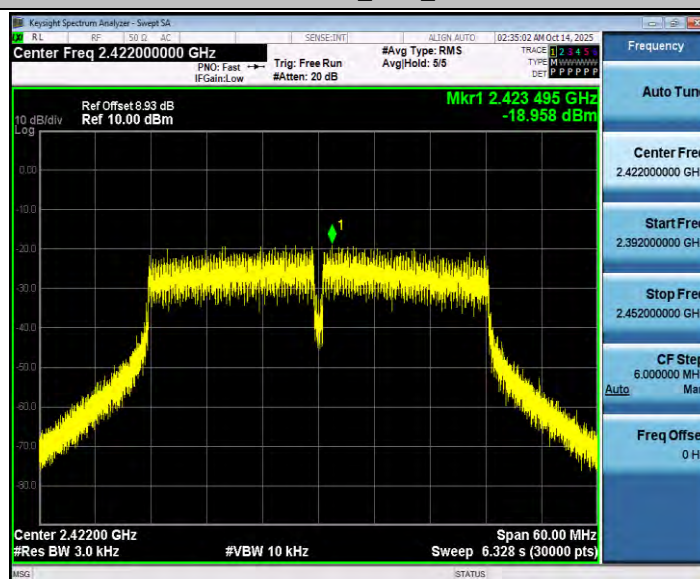
11N20SISO_Ant1_2437



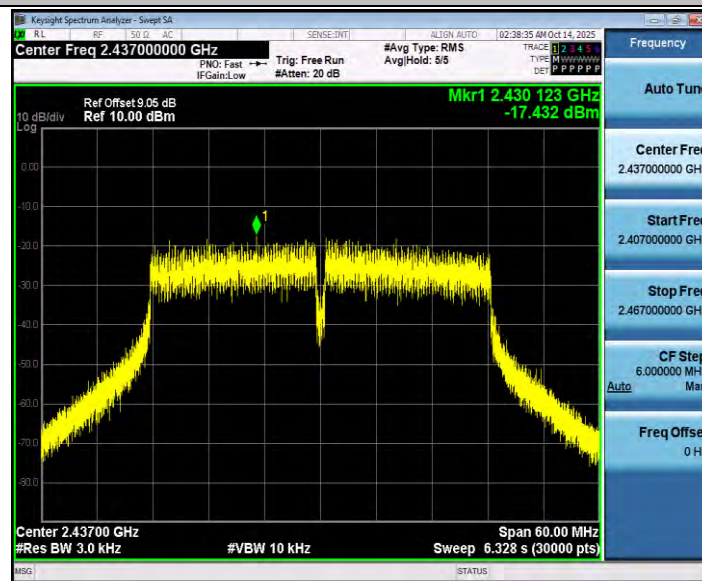
11N20SISO_Ant1_2462



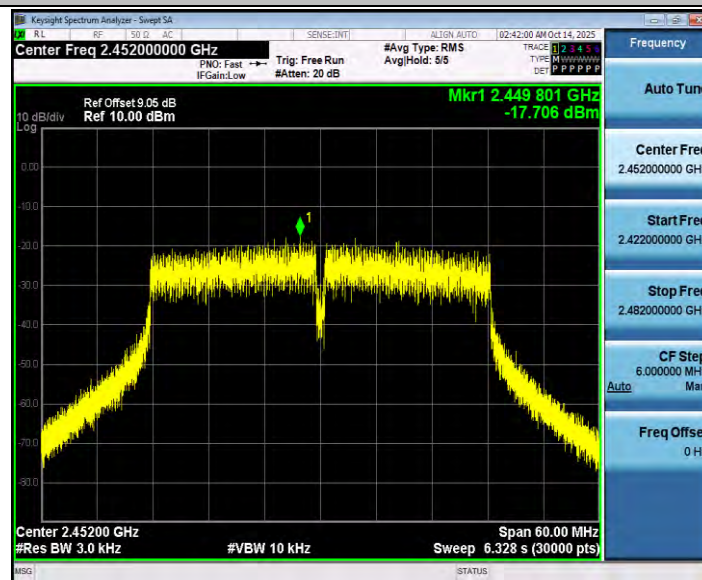
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



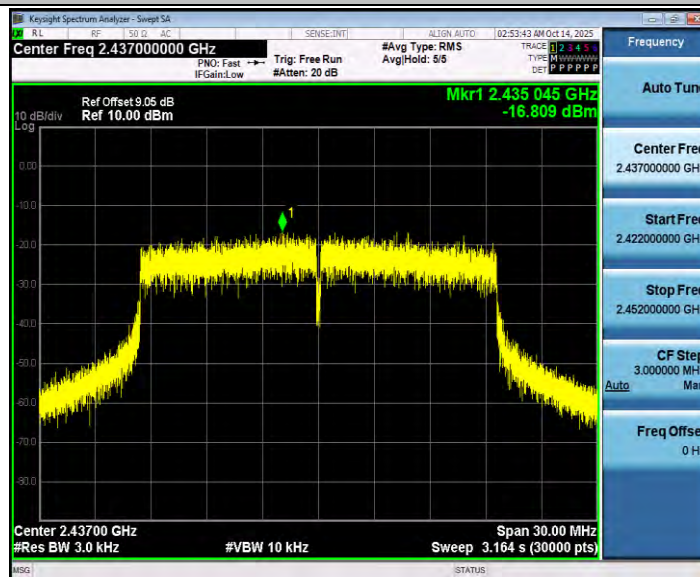
11N40SISO_Ant1_2452



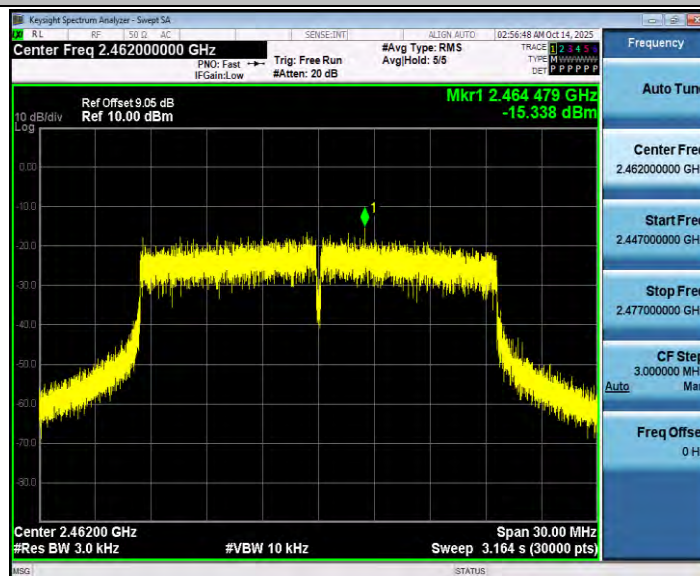
11AX20SISO_Ant1_2412



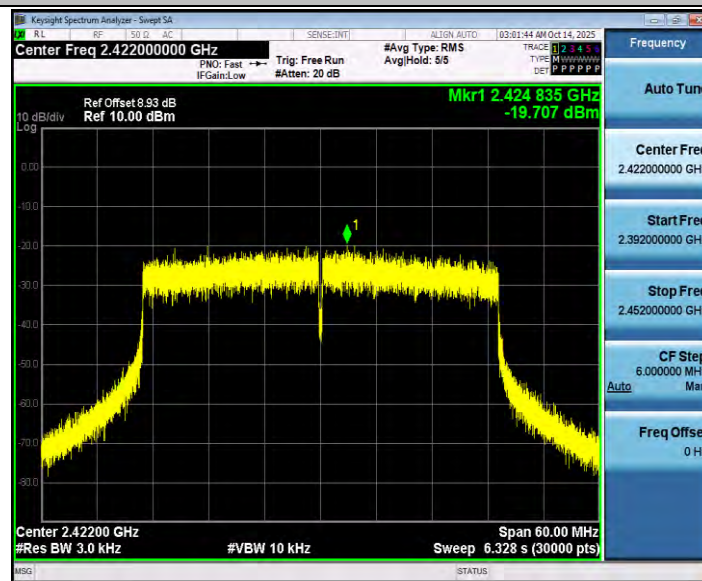
11AX20SISO_Ant1_2437



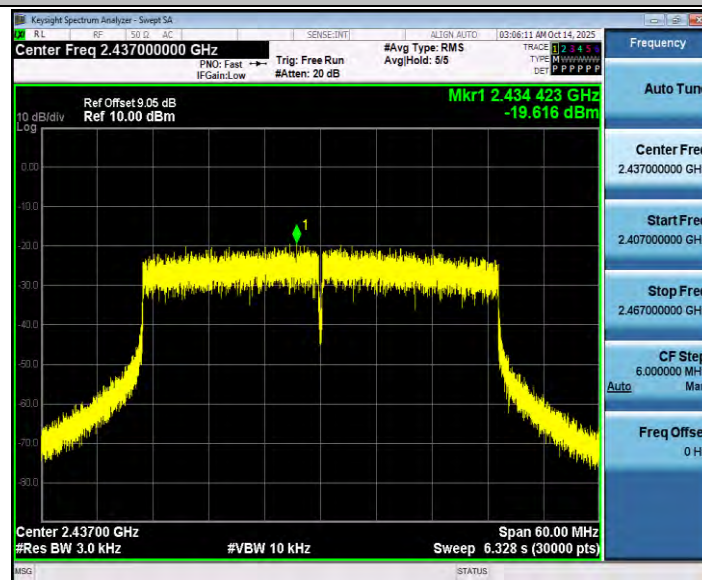
11AX20SISO_Ant1_2462



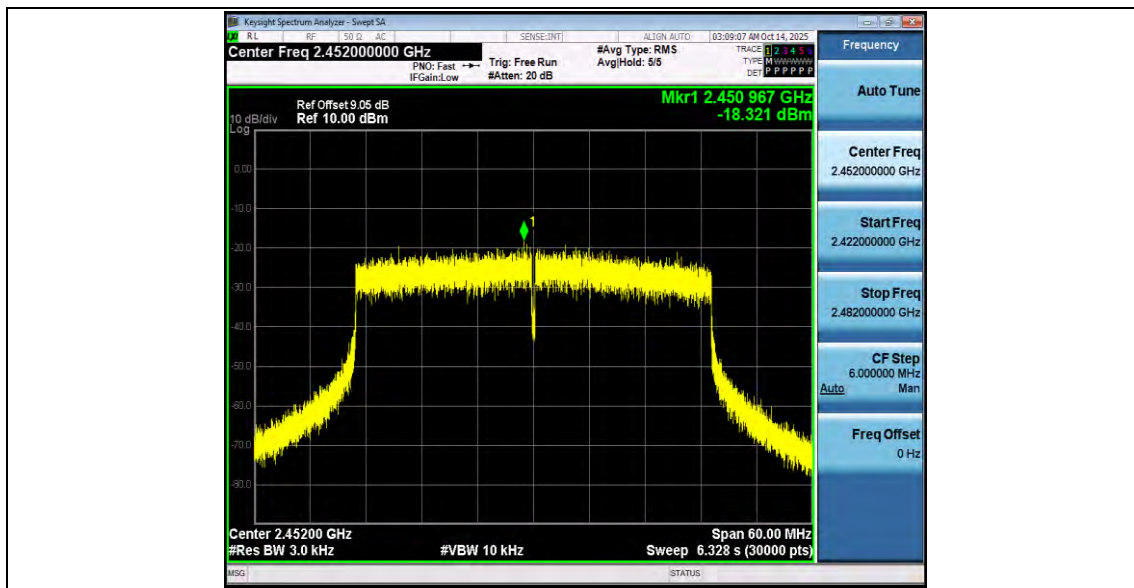
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

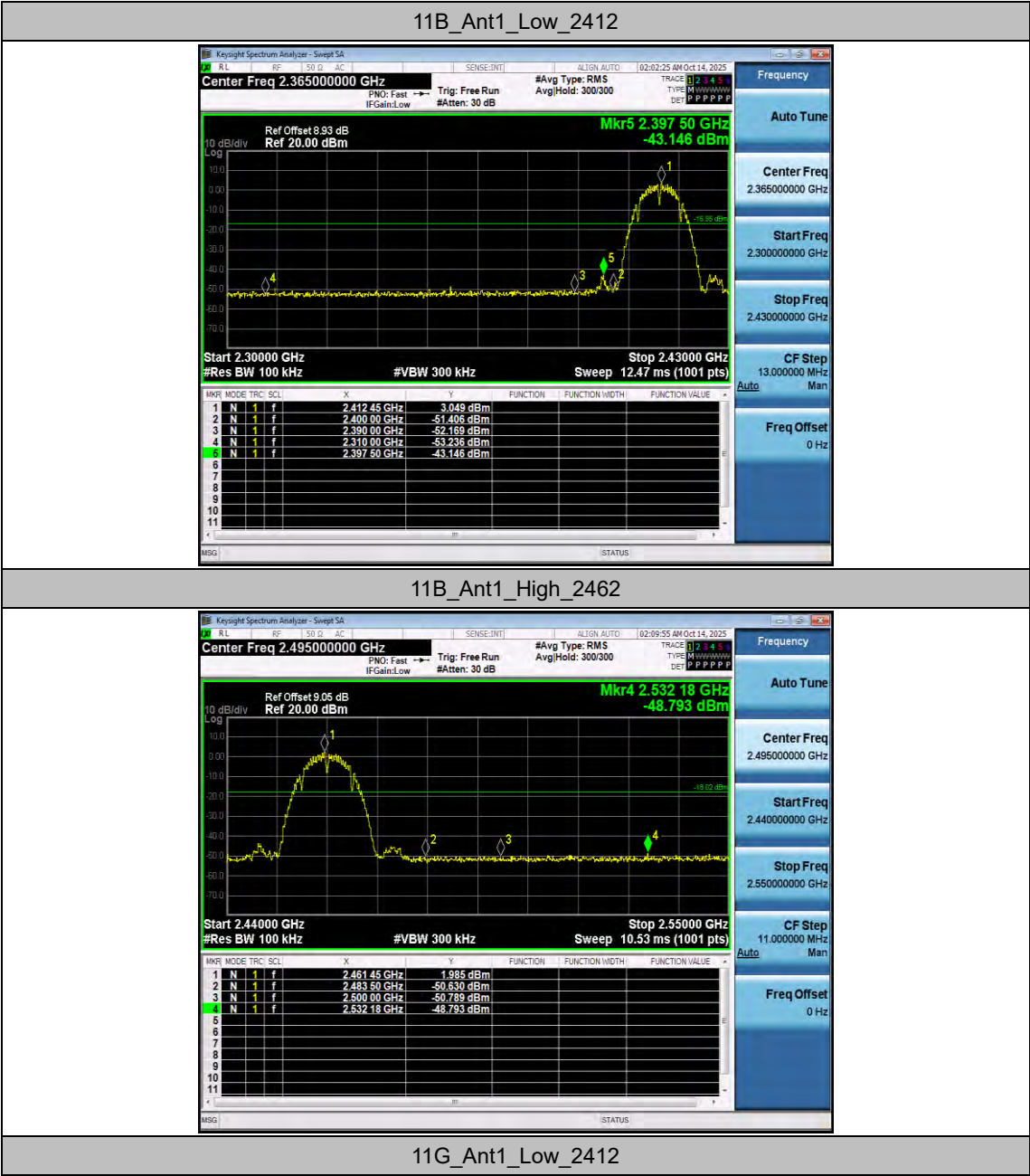


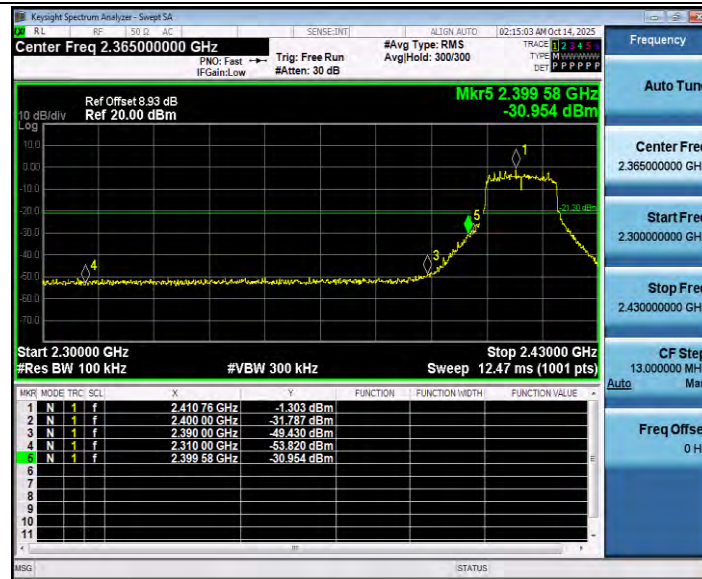
Appendix C.5:Band edge measurements

Test Result

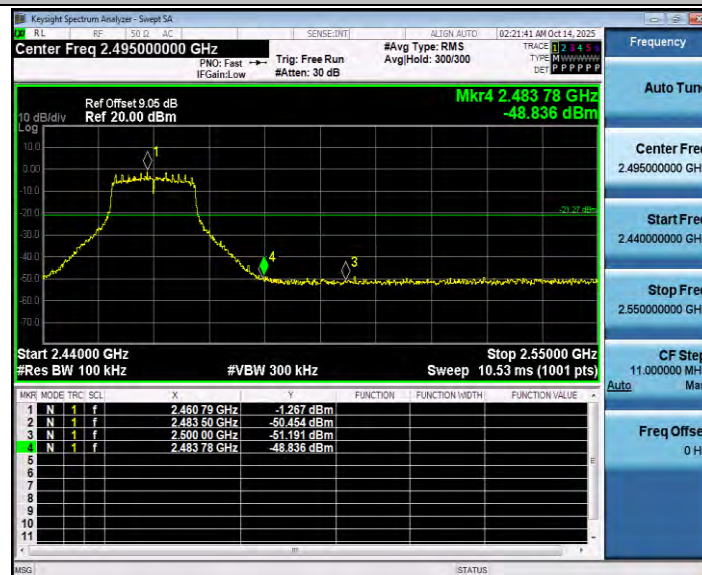
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.05	-43.15	≤ -16.95	PASS
		High	2462	1.99	-48.79	≤ -18.02	PASS
11G	Ant1	Low	2412	-1.30	-30.95	≤ -21.3	PASS
		High	2462	-1.27	-48.84	≤ -21.27	PASS
11N20SISO	Ant1	Low	2412	-1.75	-29.85	≤ -21.75	PASS
		High	2462	-1.43	-48.79	≤ -21.43	PASS
11N40SISO	Ant1	Low	2422	-4.01	-35.15	≤ -24.01	PASS
		High	2452	-3.75	-48.39	≤ -23.75	PASS
11AX20SISO	Ant1	Low	2412	-1.62	-28.77	≤ -21.62	PASS
		High	2462	-1.25	-45.87	≤ -21.25	PASS
11AX40SISO	Ant1	Low	2422	-4.13	-34.37	≤ -24.13	PASS
		High	2452	-3.62	-47.27	≤ -23.62	PASS

Test Graphs

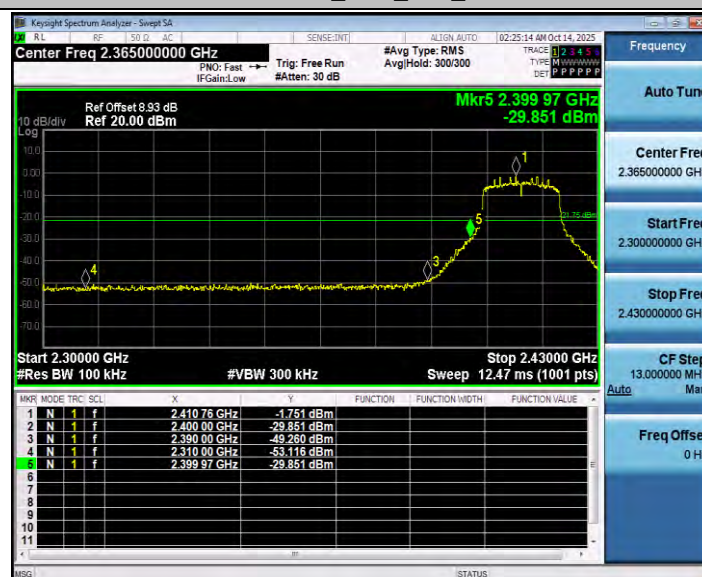




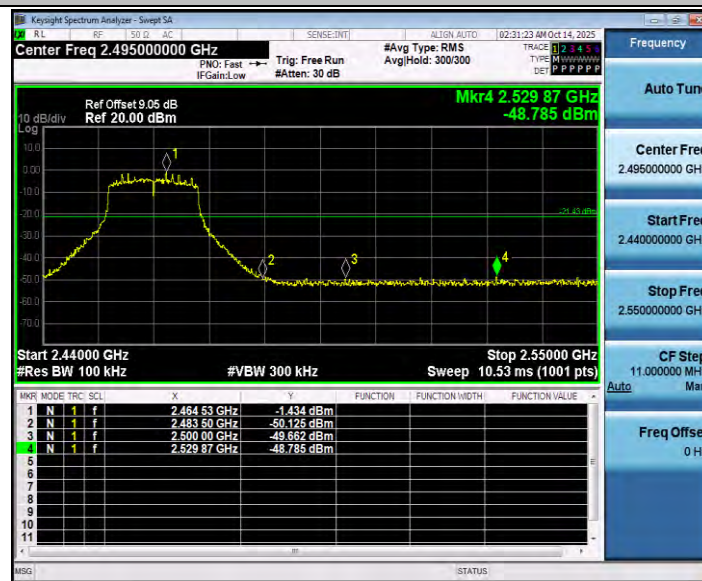
11G_Ant1_High_2462



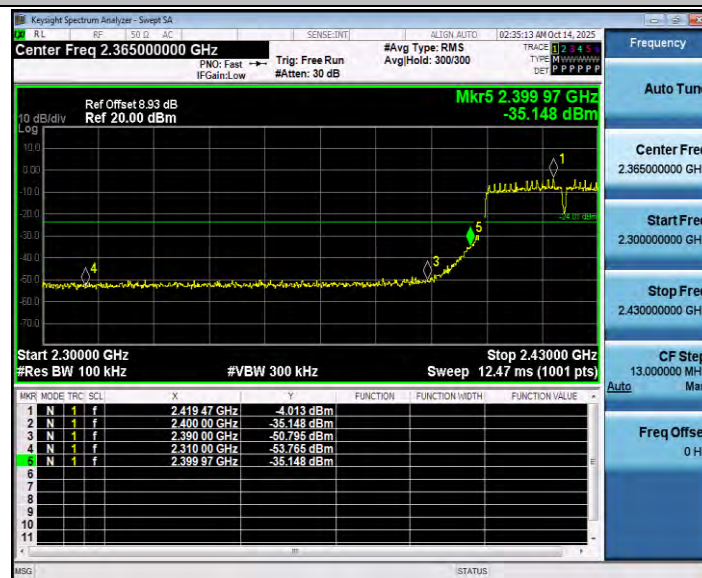
11N20SISO_Ant1_Low_2412



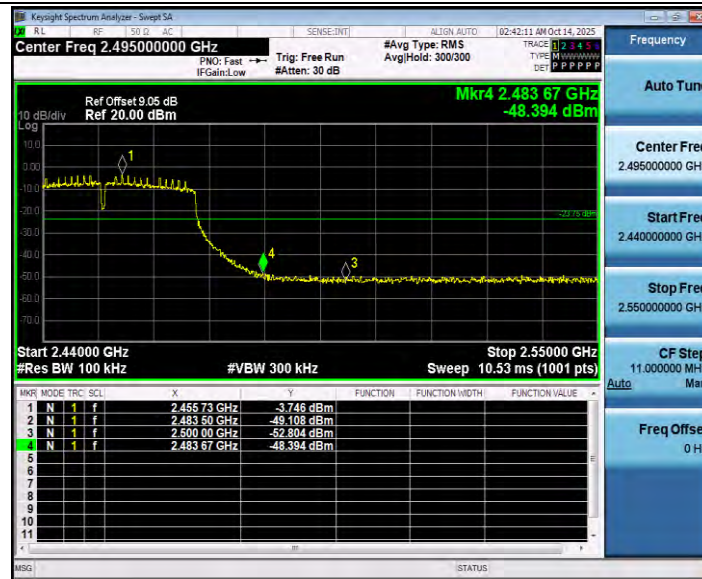
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

