

Case No. : <u>GTS20250825004-1-13</u>
Ambient Condition: <u>23℃,45%RH,</u>
Test Date: <u>2025.09.03-2025.09.26</u> Test Engineer: <u>Evan ouyang</u>

AppendixC.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.960	2416.040	0.5	PASS
		2437	8.560	2432.480	2441.040	0.5	PASS
		2462	9.040	2457.480	2466.520	0.5	PASS
11G	Ant1	2412	15.320	2404.200	2419.520	0.5	PASS
		2437	16.280	2428.880	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	15.280	2404.480	2419.760	0.5	PASS
		2437	17.280	2428.240	2445.520	0.5	PASS
		2462	16.280	2453.840	2470.120	0.5	PASS
11N40SISO	Ant1	2422	35.520	2404.240	2439.760	0.5	PASS
		2437	35.520	2419.080	2454.600	0.5	PASS
		2452	35.120	2434.400	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	18.480	2402.600	2421.080	0.5	PASS
		2437	17.760	2428.200	2445.960	0.5	PASS
		2462	17.480	2452.720	2470.200	0.5	PASS
11AX40SISO	Ant1	2422	36.320	2403.200	2439.520	0.5	PASS
		2437	37.200	2418.200	2455.400	0.5	PASS
		2452	37.200	2433.200	2470.400	0.5	PASS

Test Graphs



11B_Ant1_2437

11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



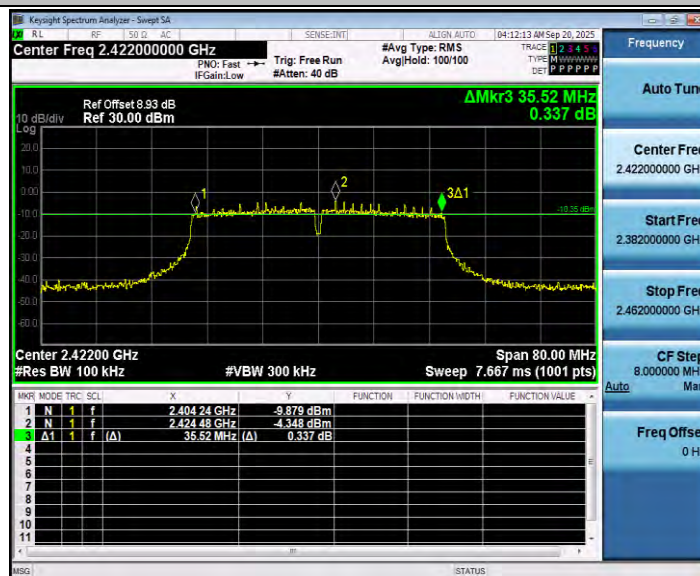
11N20SISO_Ant1_2437



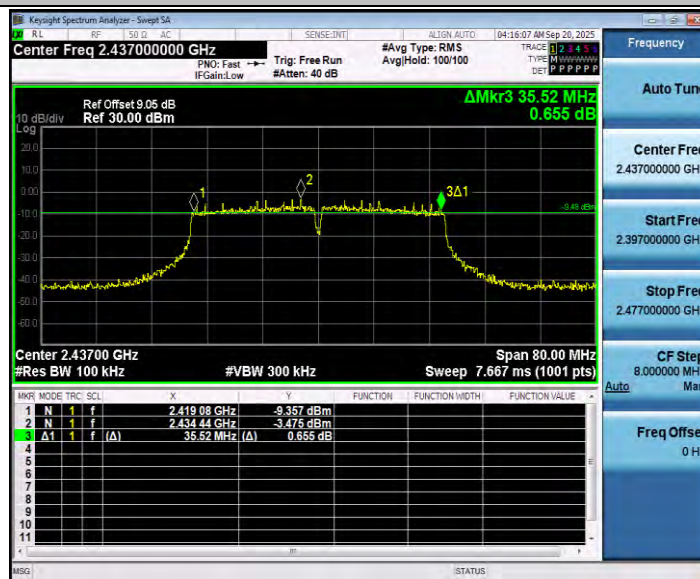
11N20SISO_Ant1_2462



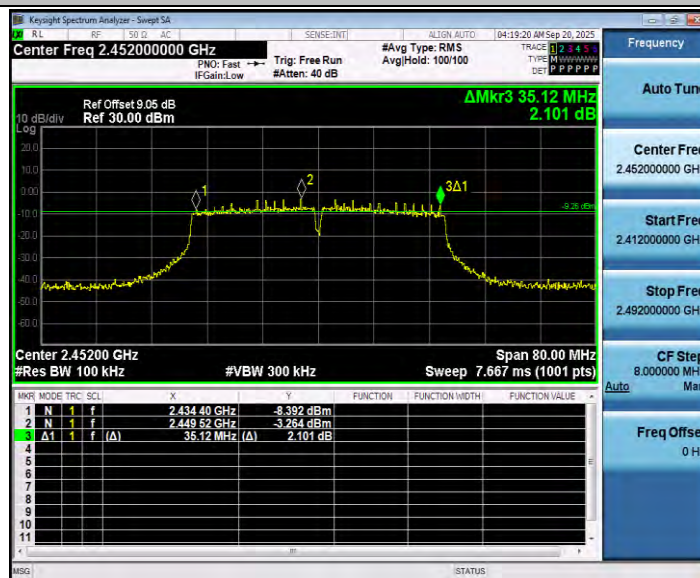
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



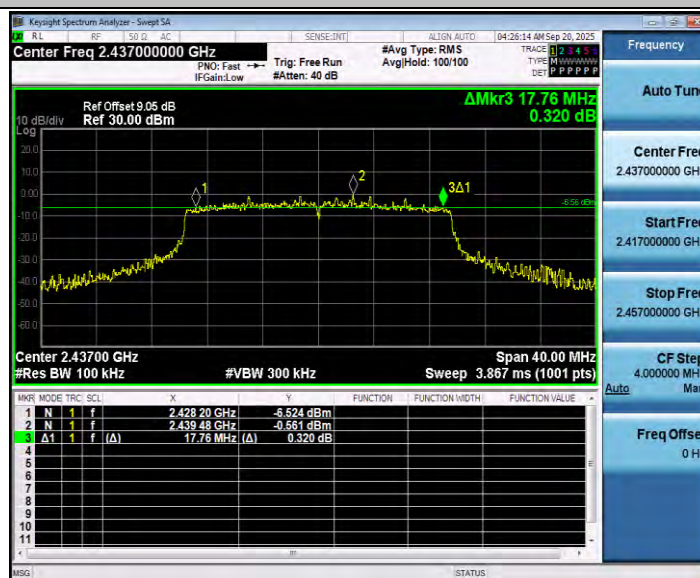
11N40SISO_Ant1_2452



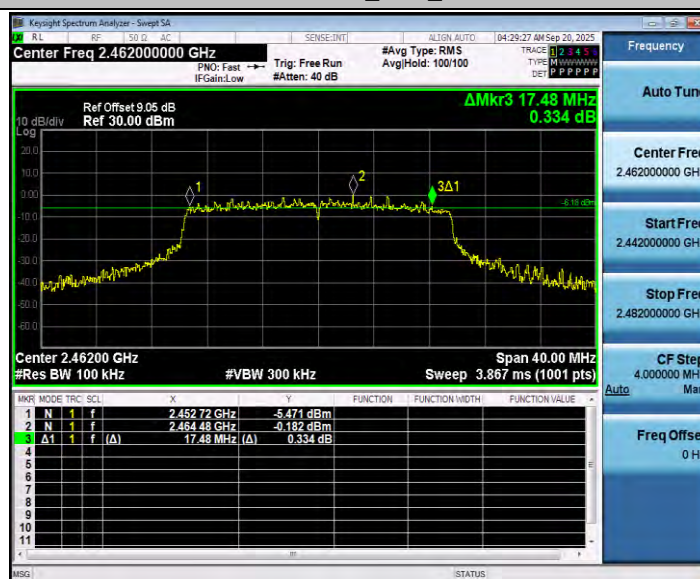
11AX20SISO_Ant1_2412



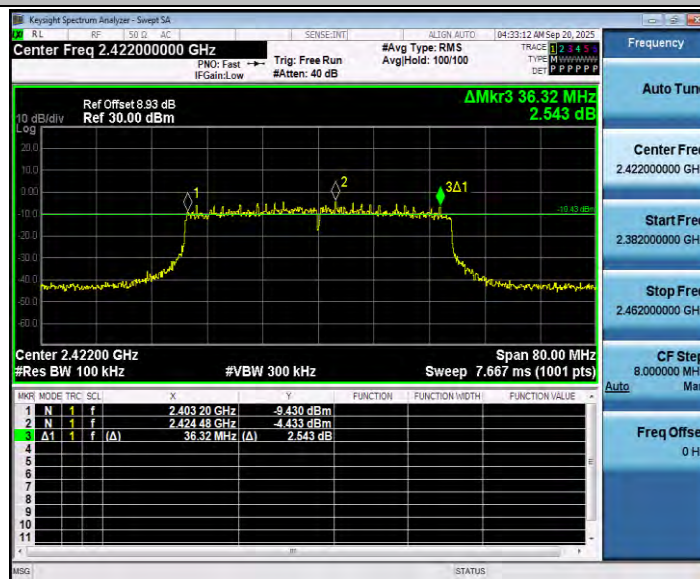
11AX20SISO_Ant1_2437



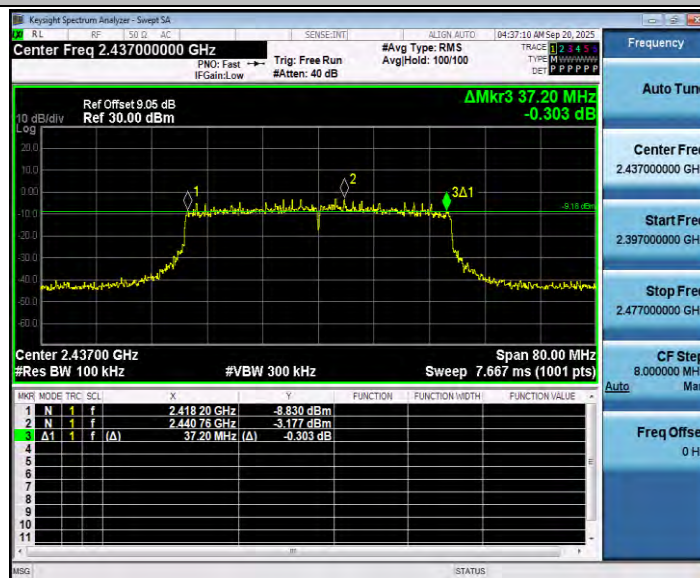
11AX20SISO_Ant1_2462



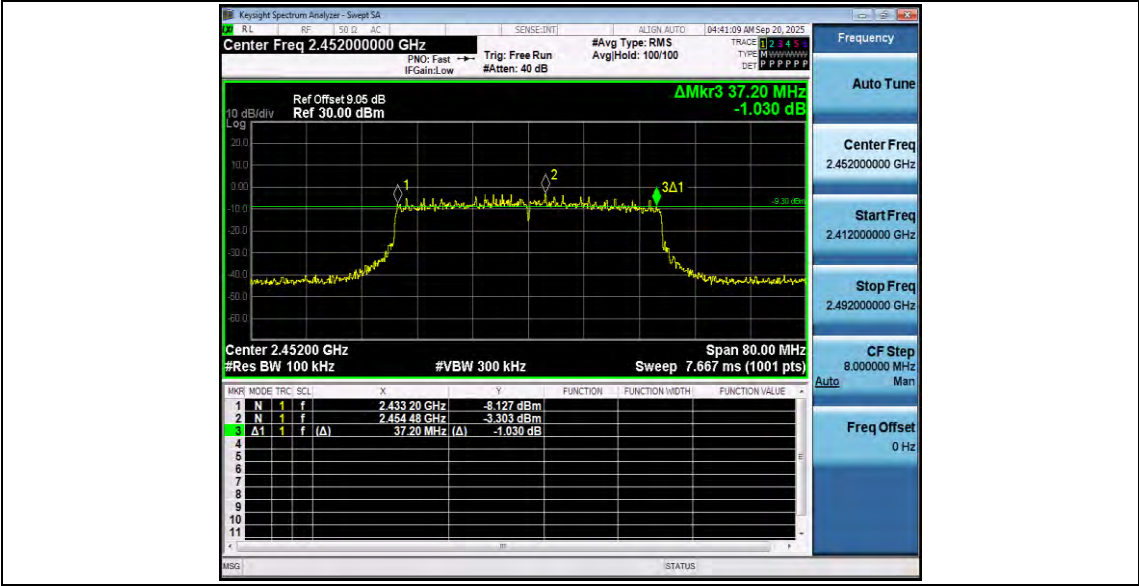
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



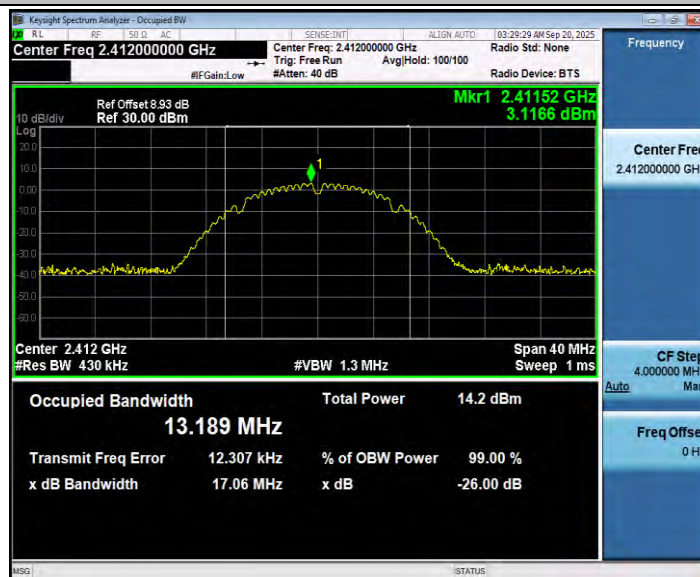
AppendixC.2: Occupied Channel Bandwidth

Test Result

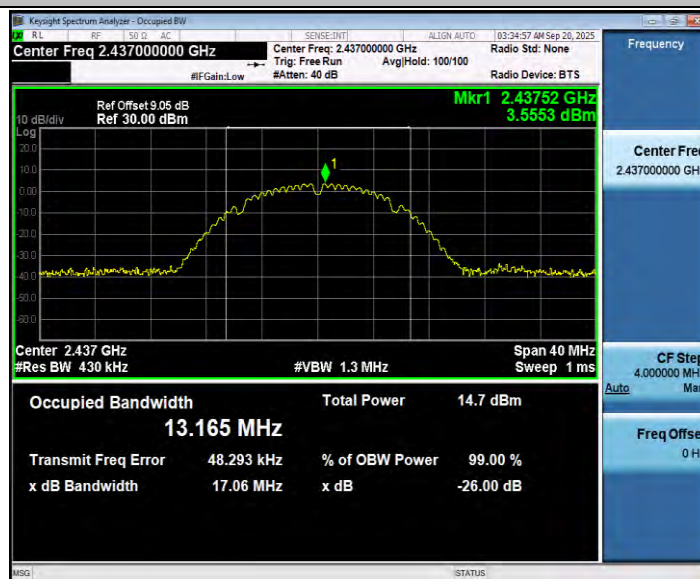
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.189	2405.4178	2418.6068	---	---
		2437	13.165	2430.4658	2443.6308	---	---
		2462	13.169	2455.4386	2468.6076	---	---
11G	Ant1	2412	17.384	2403.2443	2420.6283	---	---
		2437	17.364	2428.2900	2445.6540	---	---
		2462	17.323	2453.2369	2470.5599	---	---
11N20SISO	Ant1	2412	18.486	2402.6855	2421.1715	---	---
		2437	18.448	2427.7752	2446.2232	---	---
		2462	18.469	2452.7304	2471.1994	---	---
11N40SISO	Ant1	2422	36.793	2403.6094	2440.4024	---	---
		2437	36.720	2418.6349	2455.3549	---	---
		2452	36.648	2433.6084	2470.2564	---	---
11AX20SISO	Ant1	2412	19.149	2402.4114	2421.5604	---	---
		2437	19.219	2427.4110	2446.6300	---	---
		2462	19.311	2452.3227	2471.6337	---	---
11AX40SISO	Ant1	2422	38.093	2402.8787	2440.9717	---	---
		2437	37.942	2418.0335	2455.9755	---	---
		2452	37.961	2433.0366	2470.9976	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



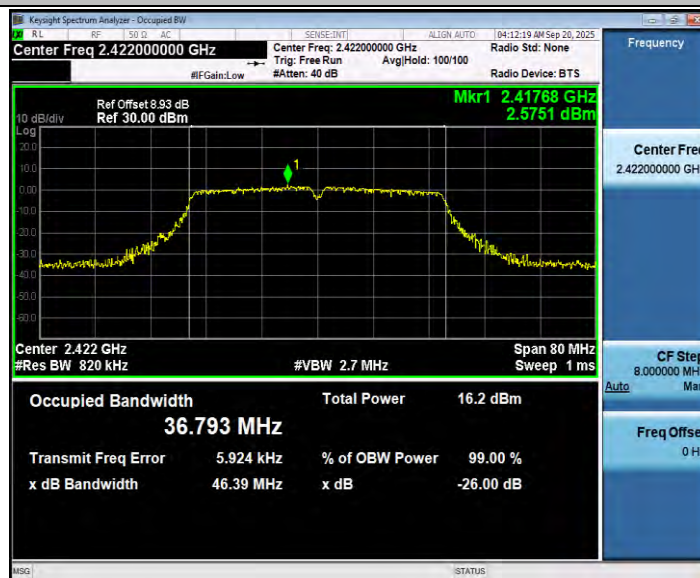
11N20SISO_Ant1_2437



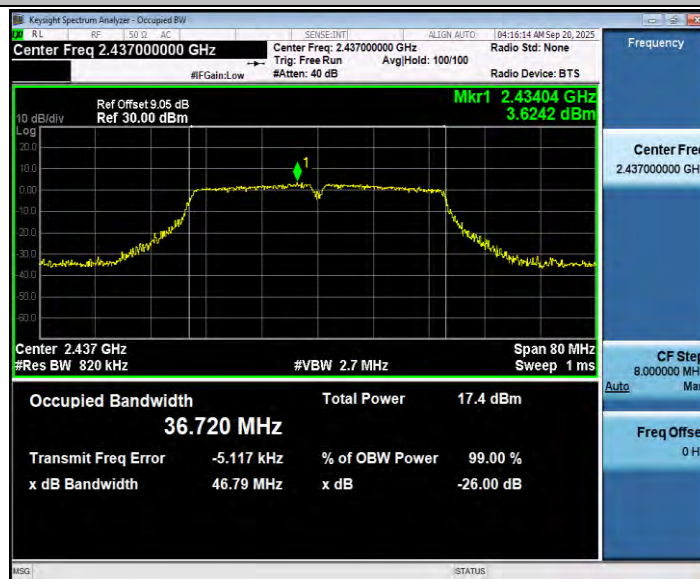
11N20SISO_Ant1_2462



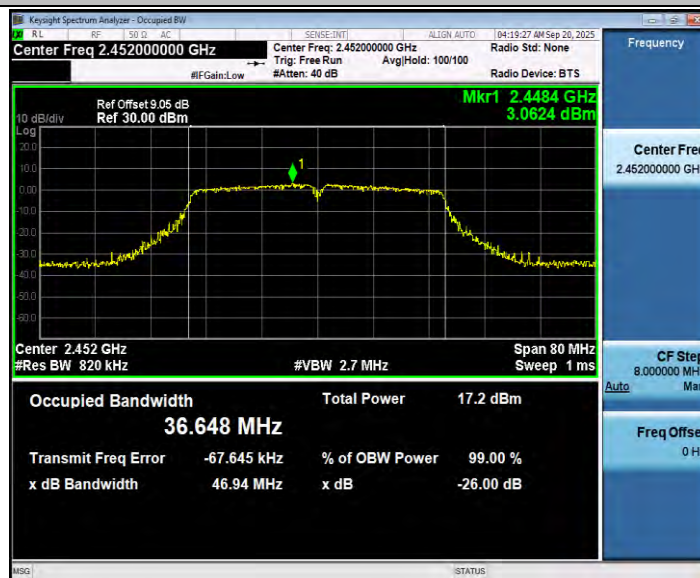
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



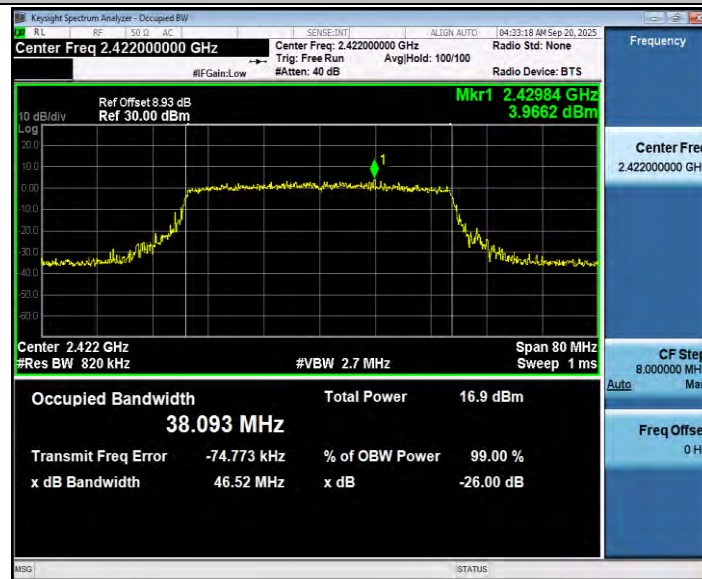
11AX20SISO_Ant1_2437



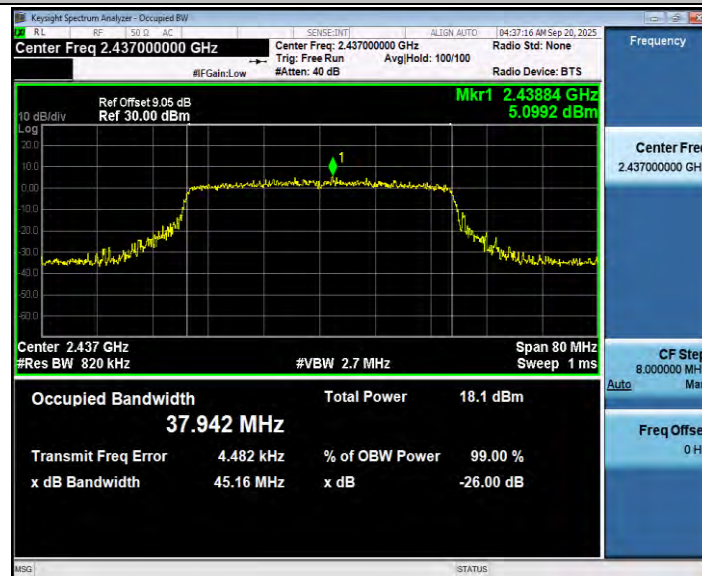
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixC.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.29	≤30.00	PASS
		2437	14.72	≤30.00	PASS
		2462	15.90	≤30.00	PASS
11G	Ant1	2412	16.76	≤30.00	PASS
		2437	17.79	≤30.00	PASS
		2462	18.24	≤30.00	PASS
11N20SISO	Ant1	2412	16.72	≤30.00	PASS
		2437	17.77	≤30.00	PASS
		2462	18.25	≤30.00	PASS
11N40SISO	Ant1	2422	16.66	≤30.00	PASS
		2437	17.74	≤30.00	PASS
		2452	17.56	≤30.00	PASS
11AX20SISO	Ant1	2412	17.26	≤30.00	PASS
		2437	18.36	≤30.00	PASS
		2462	18.73	≤30.00	PASS
11AX40SISO	Ant1	2422	17.05	≤30.00	PASS
		2437	18.22	≤30.00	PASS
		2452	18.19	≤30.00	PASS

AppendixC.4: Maximum power spectral density

Test Result

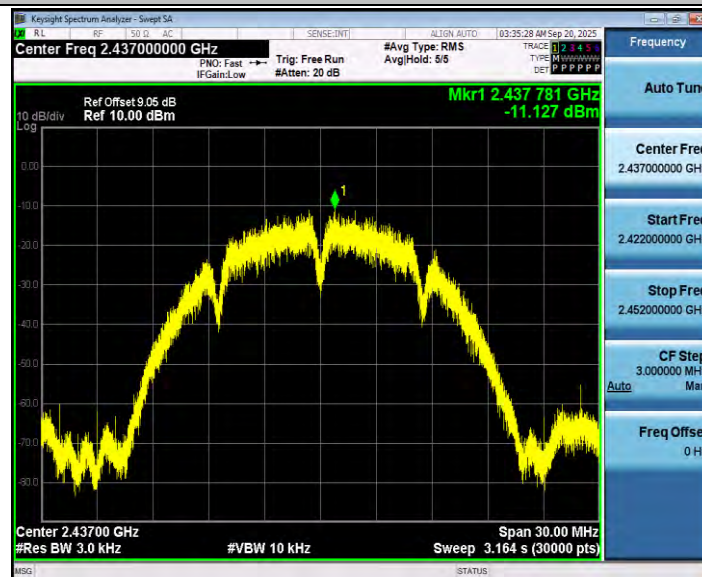
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.97	≤8.00	PASS
		2437	-11.13	≤8.00	PASS
		2462	-10.02	≤8.00	PASS
11G	Ant1	2412	-15.78	≤8.00	PASS
		2437	-14.68	≤8.00	PASS
		2462	-14.09	≤8.00	PASS
11N20SISO	Ant1	2412	-14.82	≤8.00	PASS
		2437	-14.38	≤8.00	PASS
		2462	-14.05	≤8.00	PASS
11N40SISO	Ant1	2422	-18.39	≤8.00	PASS
		2437	-17.83	≤8.00	PASS
		2452	-17.49	≤8.00	PASS
11AX20SISO	Ant1	2412	-15.91	≤8.00	PASS
		2437	-16.01	≤8.00	PASS
		2462	-15.83	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.04	≤8.00	PASS
		2437	-17.97	≤8.00	PASS
		2452	-17.50	≤8.00	PASS

Test Graphs

11B_Ant1_2412



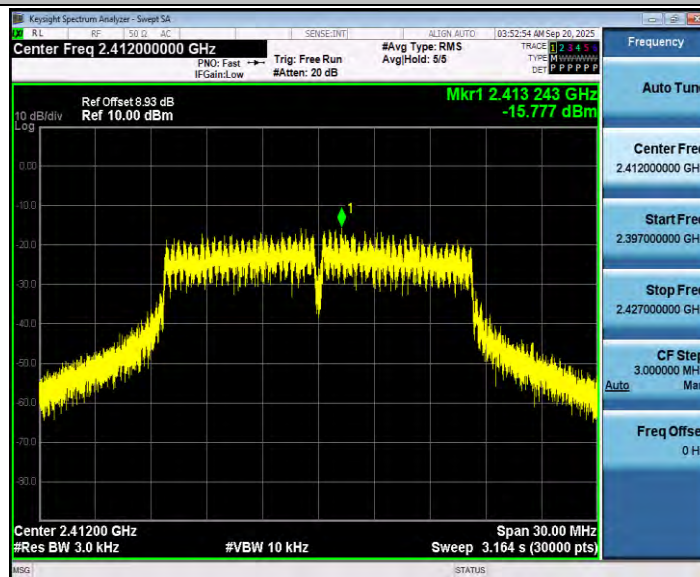
11B_Ant1_2437



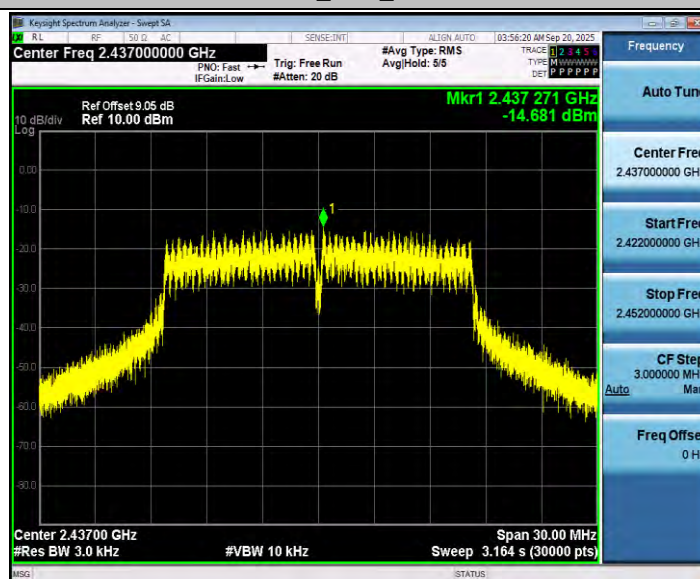
11B_Ant1_2462



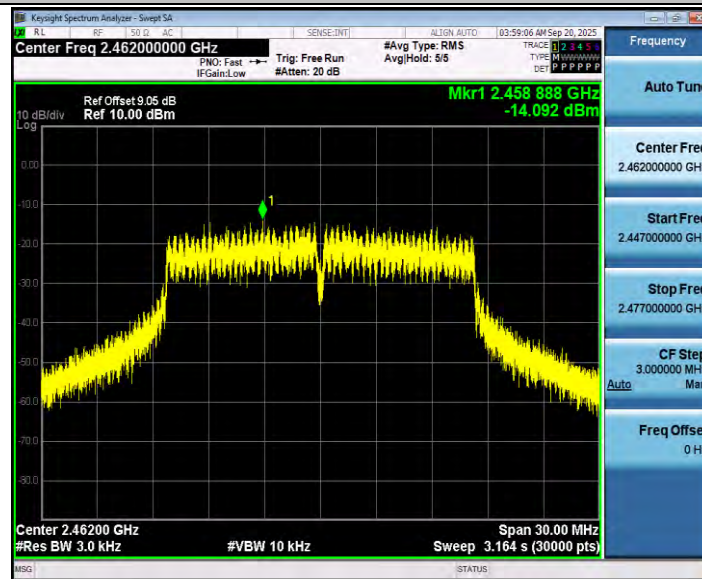
11G_Ant1_2412



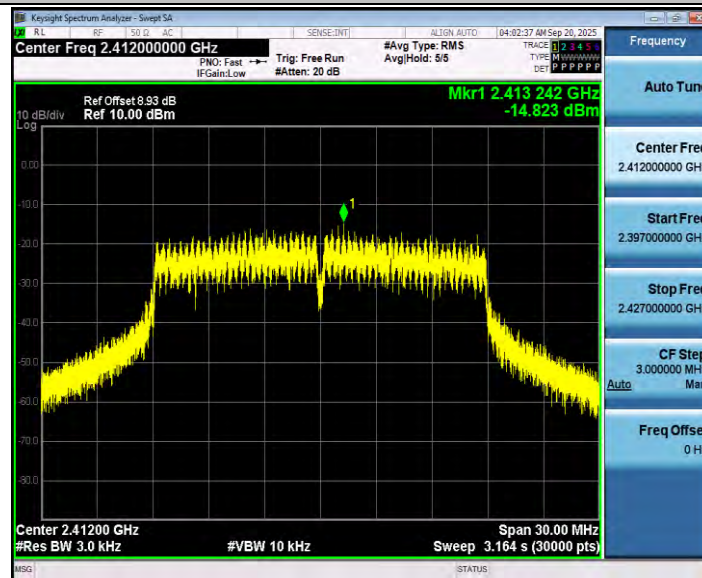
11G_Ant1_2437



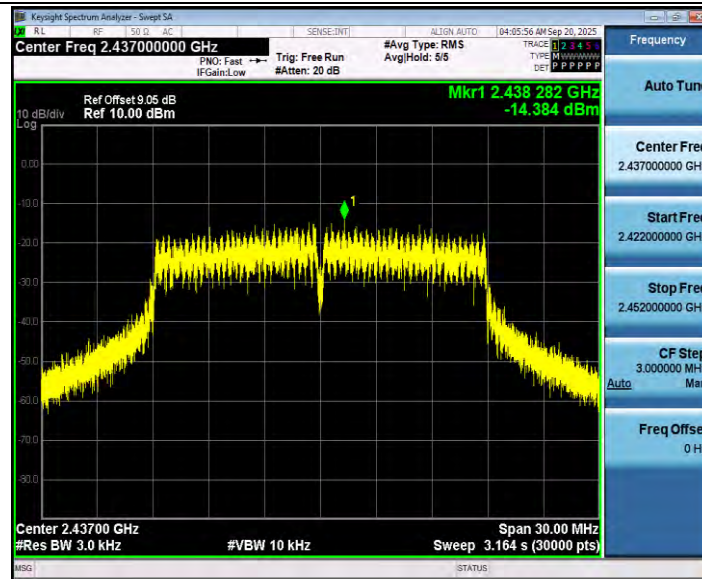
11G_Ant1_2462



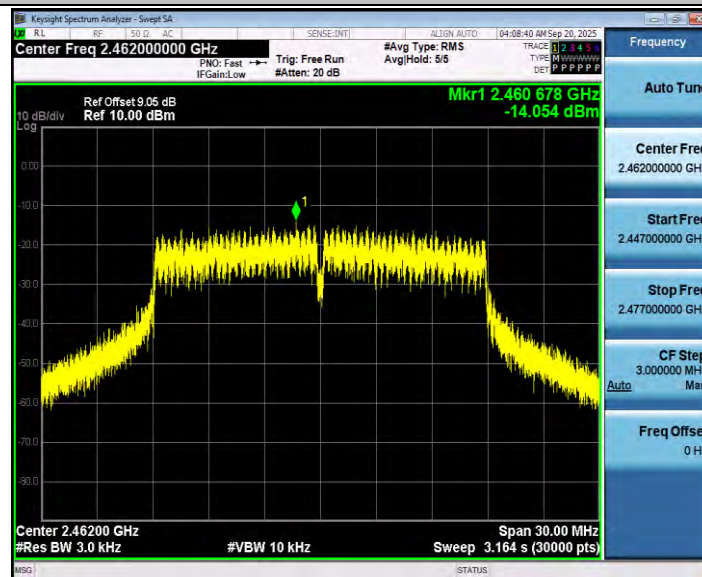
11N20SISO_Ant1_2412



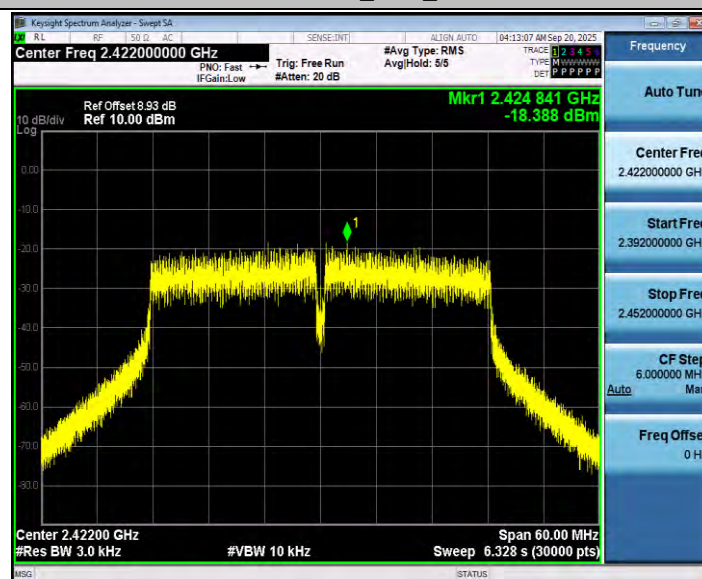
11N20SISO_Ant1_2437



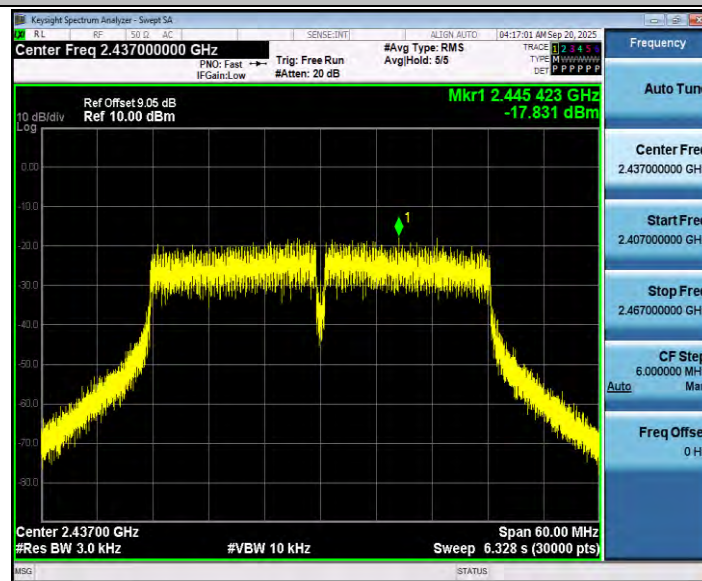
11N20SISO_Ant1_2462



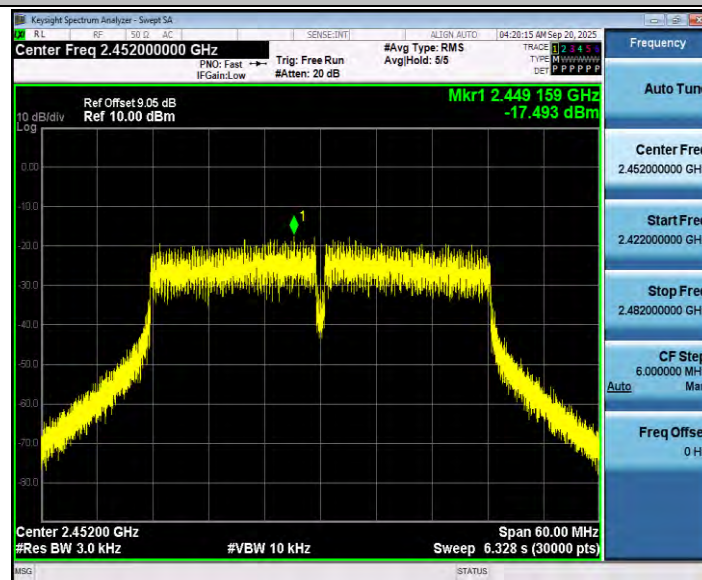
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



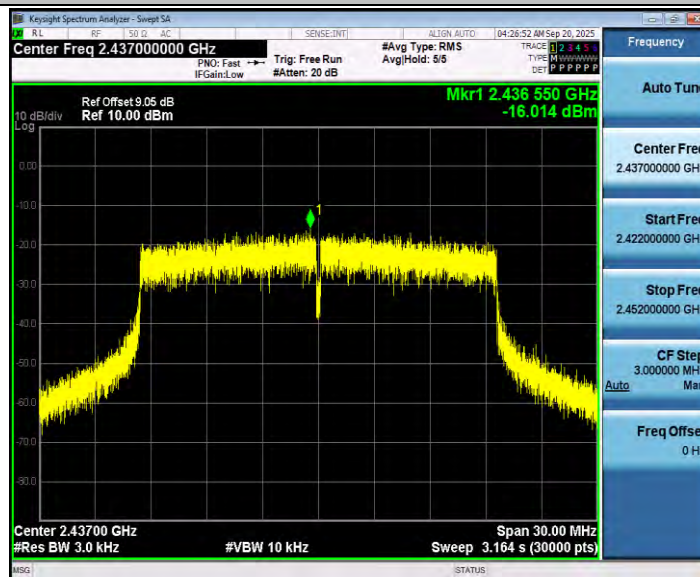
11N40SISO_Ant1_2452



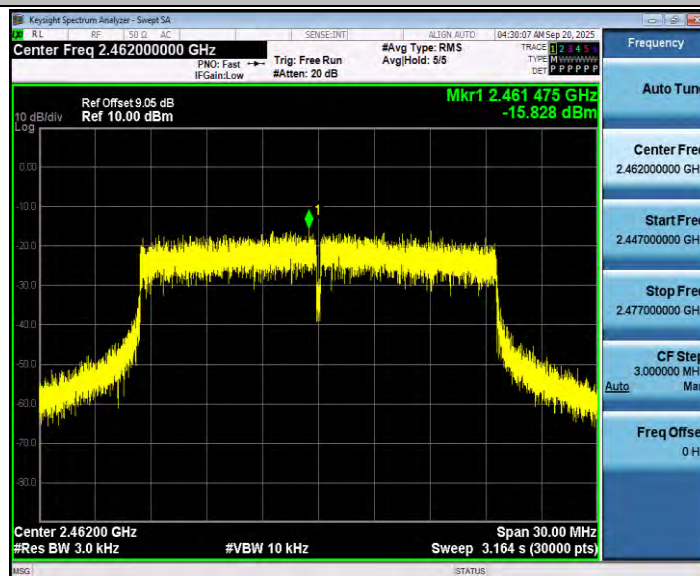
11AX20SISO_Ant1_2412



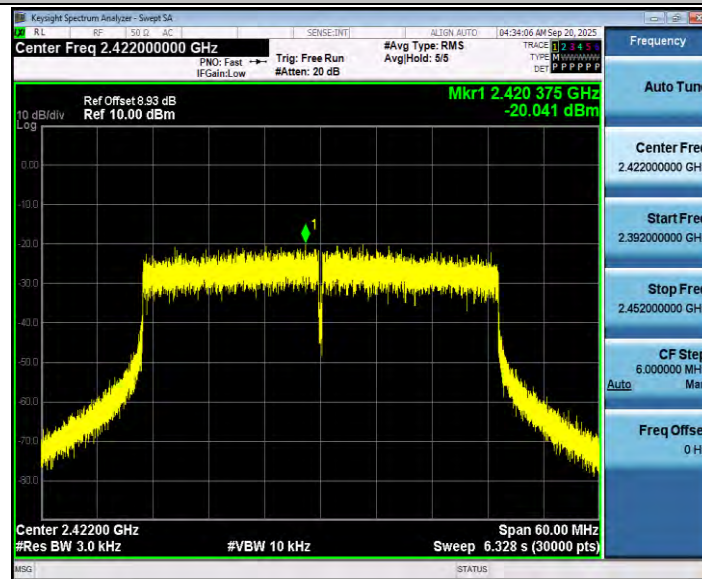
11AX20SISO_Ant1_2437



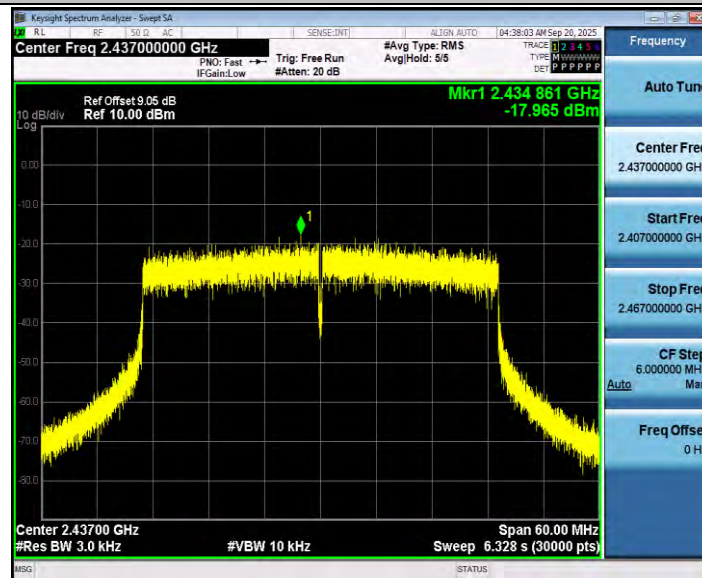
11AX20SISO_Ant1_2462



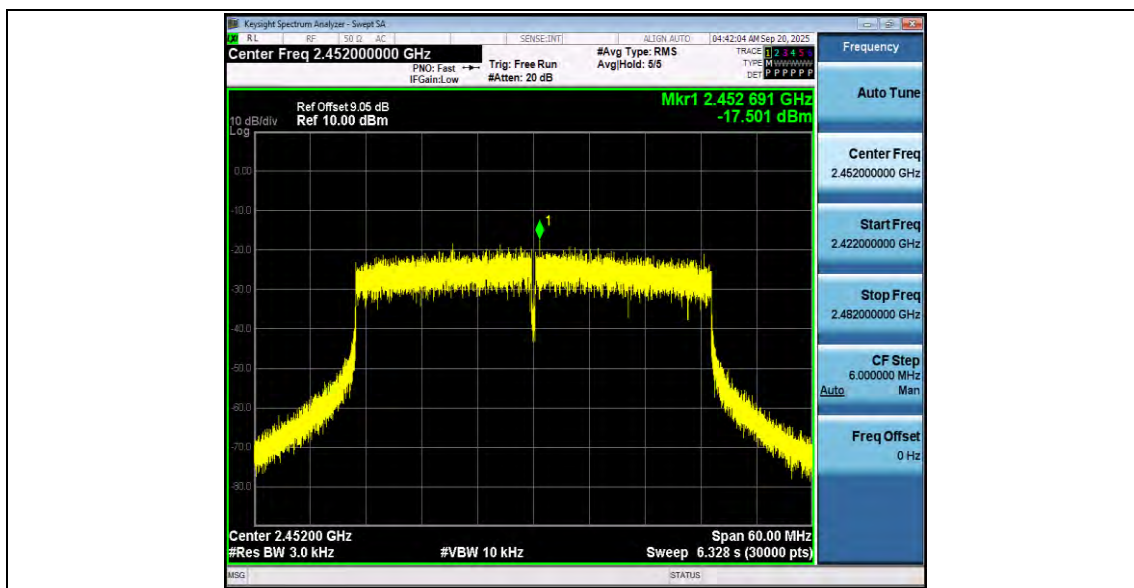
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

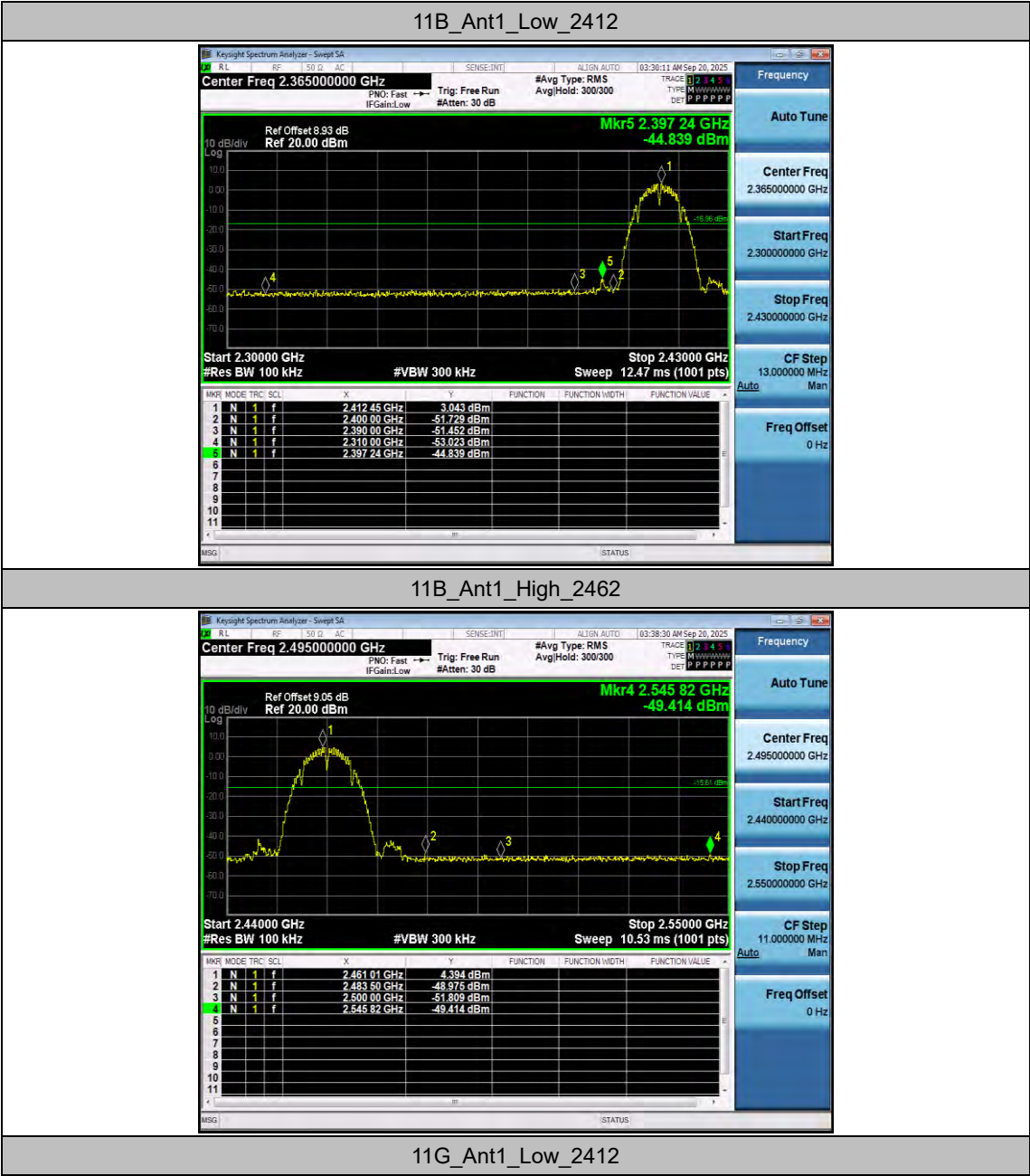


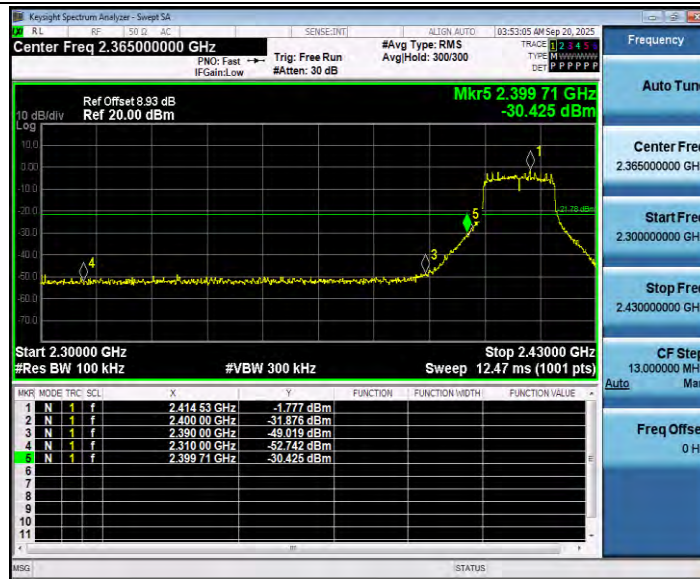
Appendix C.5: Band edge measurements

Test Result

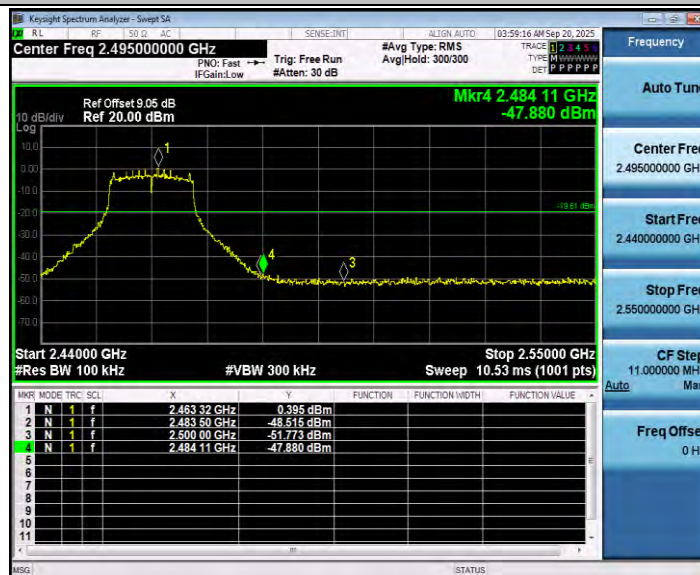
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.04	-44.84	≤-16.96	PASS
		High	2462	4.39	-49.41	≤-15.61	PASS
11G	Ant1	Low	2412	-1.78	-30.43	≤-21.78	PASS
		High	2462	0.40	-47.88	≤-19.61	PASS
11N20SISO	Ant1	Low	2412	-1.54	-30.26	≤-21.54	PASS
		High	2462	0.68	-47.38	≤-19.32	PASS
11N40SISO	Ant1	Low	2422	-4.40	-35.43	≤-24.4	PASS
		High	2452	-3.27	-45.91	≤-23.27	PASS
11AX20SISO	Ant1	Low	2412	-1.08	-30.89	≤-21.08	PASS
		High	2462	-0.63	-45.55	≤-20.63	PASS
11AX40SISO	Ant1	Low	2422	-4.43	-34.64	≤-24.43	PASS
		High	2452	-3.13	-45.37	≤-23.13	PASS

Test Graphs

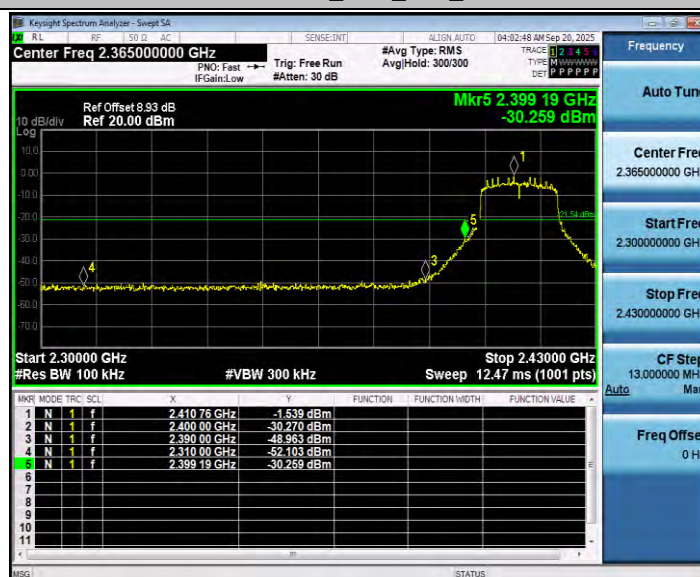




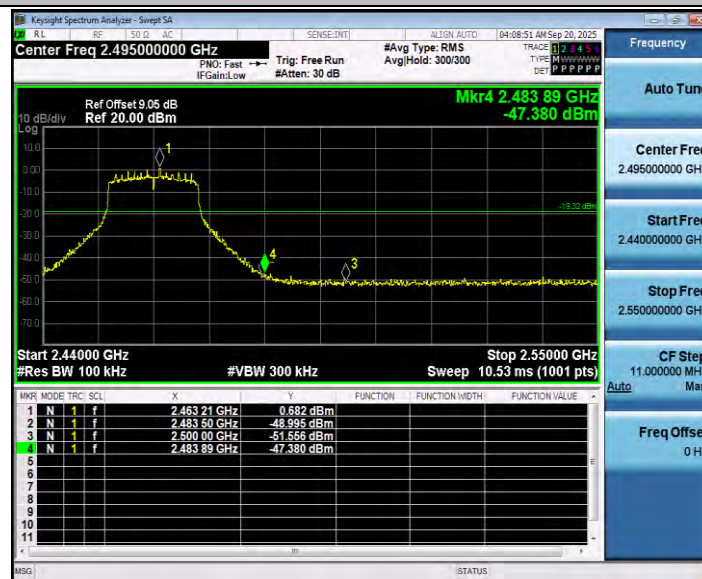
11G_Ant1_High_2462



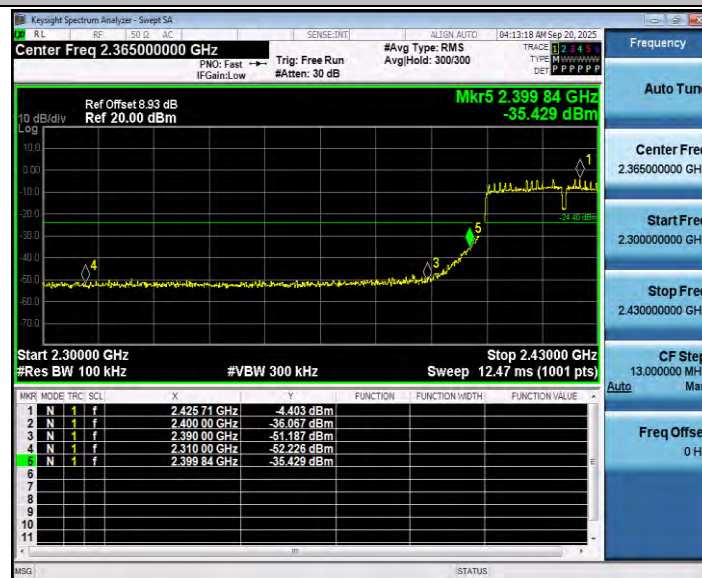
11N20SISO_Ant1_Low_2412



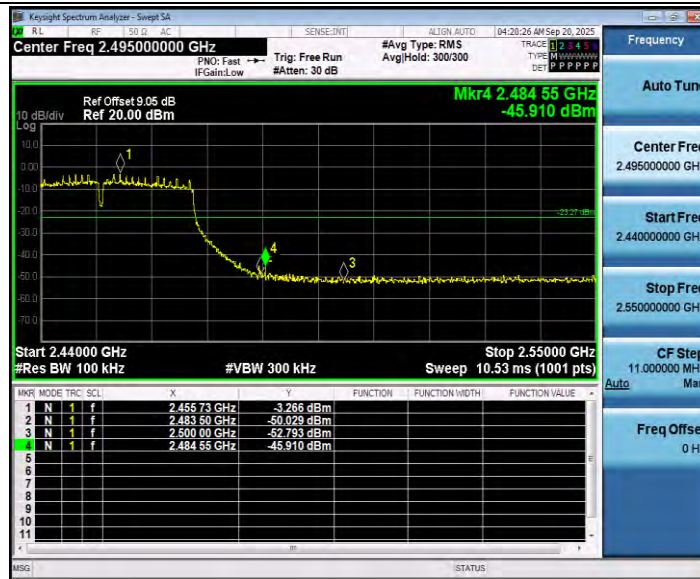
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

