

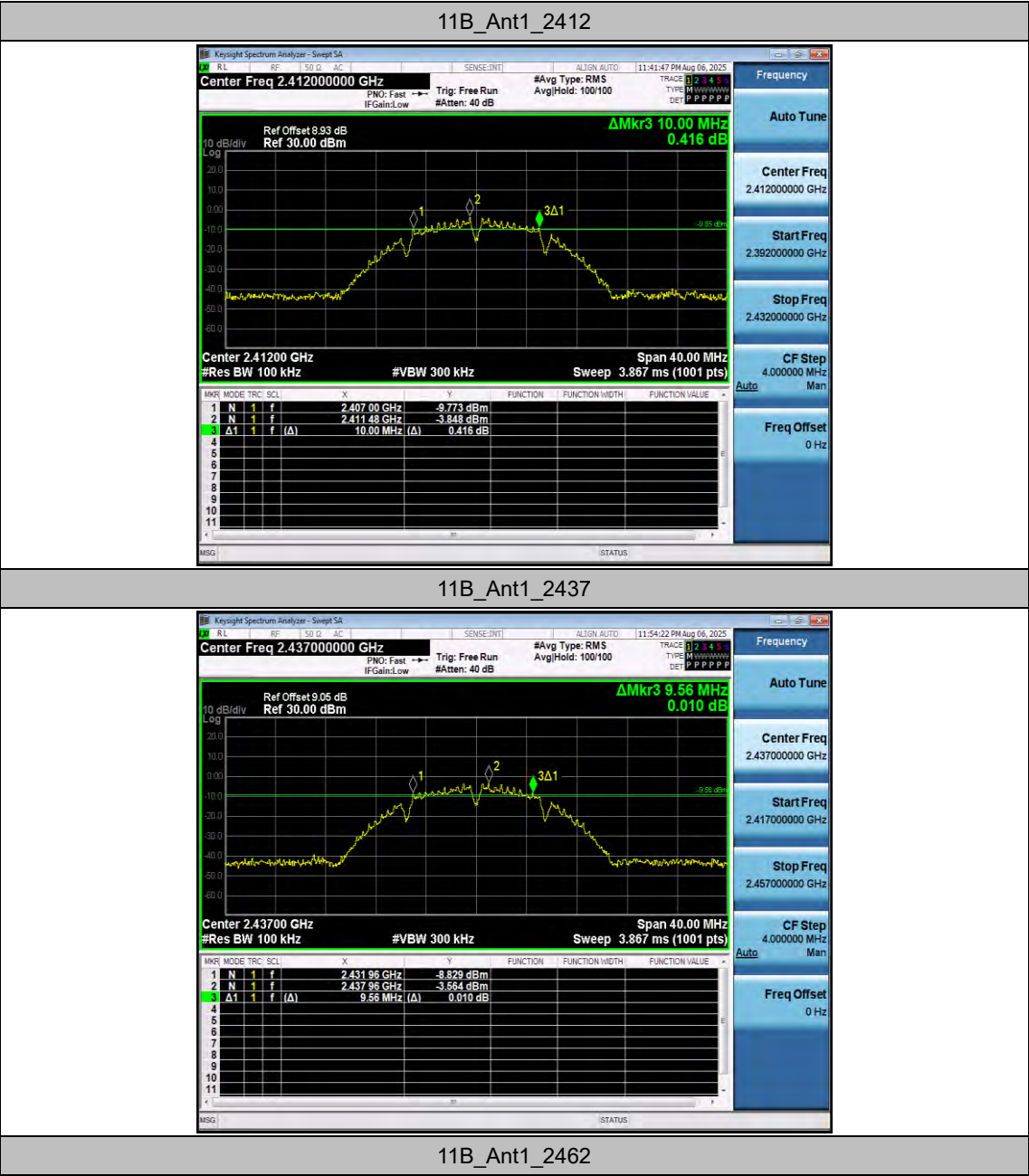
Case No. : GTS20250709004-1-01	
Ambient Condition: 24℃,49%RH,	
Test Date:2025.7.30-2025.8.11	Test Engineer:Evan ouyang

AppendixA.1: DTS Bandwidth

Test Result

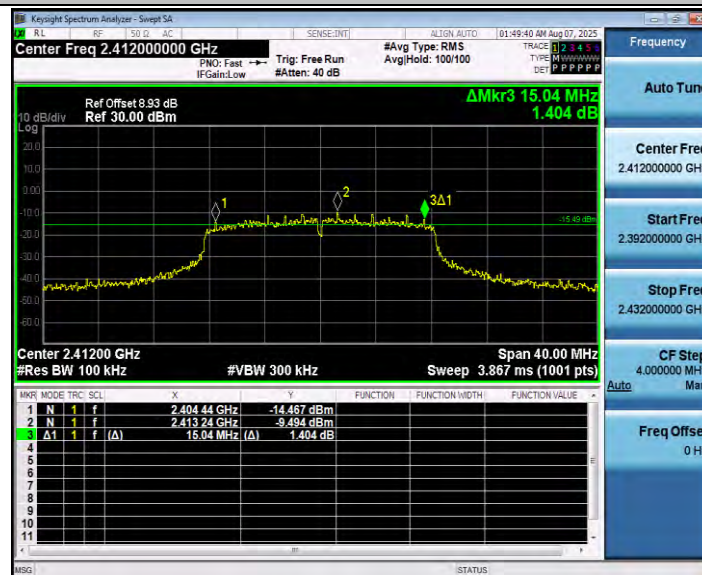
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.000	2407.000	2417.000	0.5	PASS
		2437	9.560	2431.960	2441.520	0.5	PASS
		2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	15.040	2404.440	2419.480	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	15.360	2454.440	2469.800	0.5	PASS
11N20SISO	Ant1	2412	15.280	2405.120	2420.400	0.5	PASS
		2437	15.920	2429.480	2445.400	0.5	PASS
		2462	13.120	2455.360	2468.480	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	17.000	2404.440	2421.440	0.5	PASS
		2437	17.000	2429.280	2446.280	0.5	PASS
		2462	15.760	2453.800	2469.560	0.5	PASS
11AX40SISO	Ant1	2422	36.320	2404.480	2440.800	0.5	PASS
		2437	36.320	2419.480	2455.800	0.5	PASS
		2452	37.280	2433.520	2470.800	0.5	PASS

Test Graphs

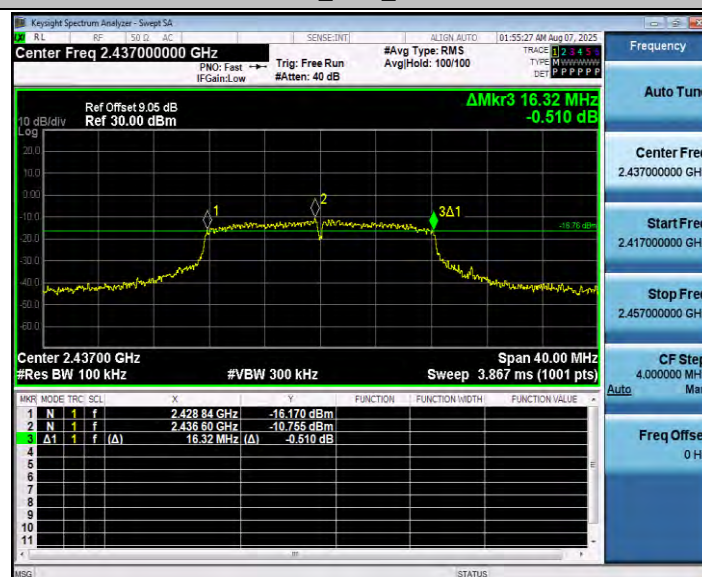




11G_Ant1_2412



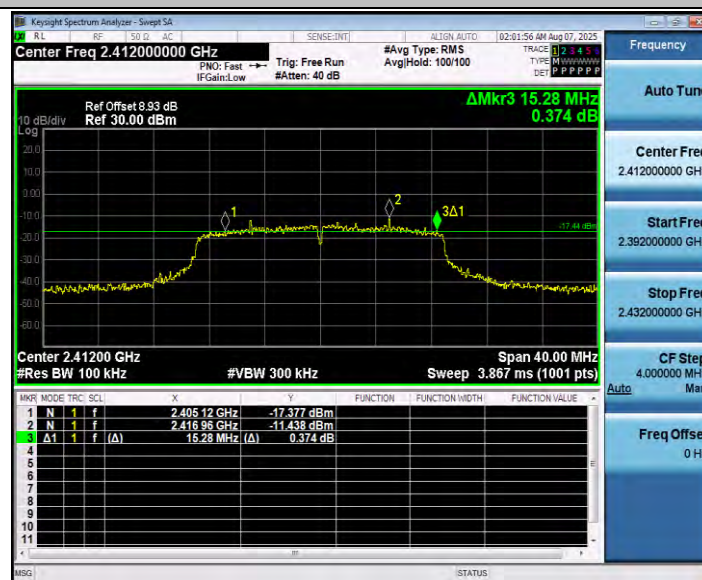
11G_Ant1_2437



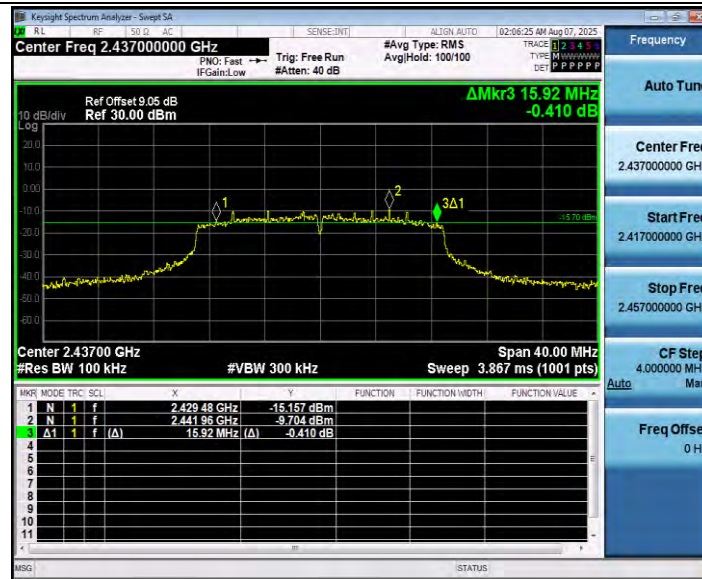
11G_Ant1_2462



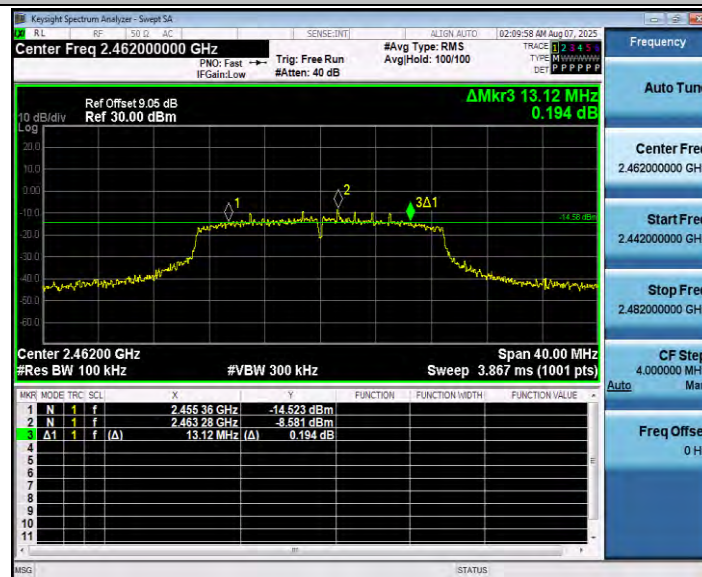
11N20SISO_Ant1_2412



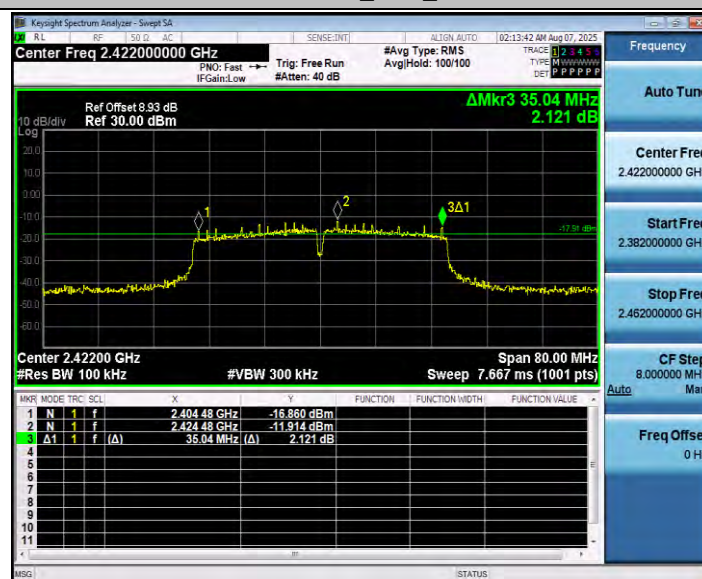
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



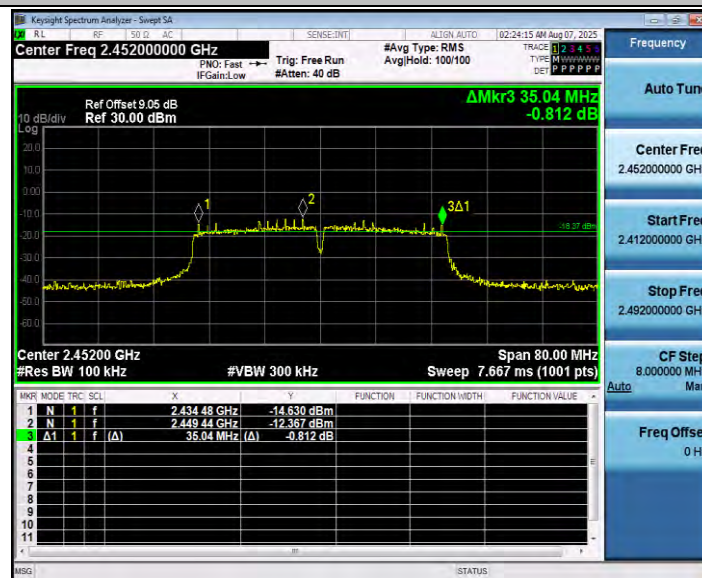
11N40SISO_Ant1_2422



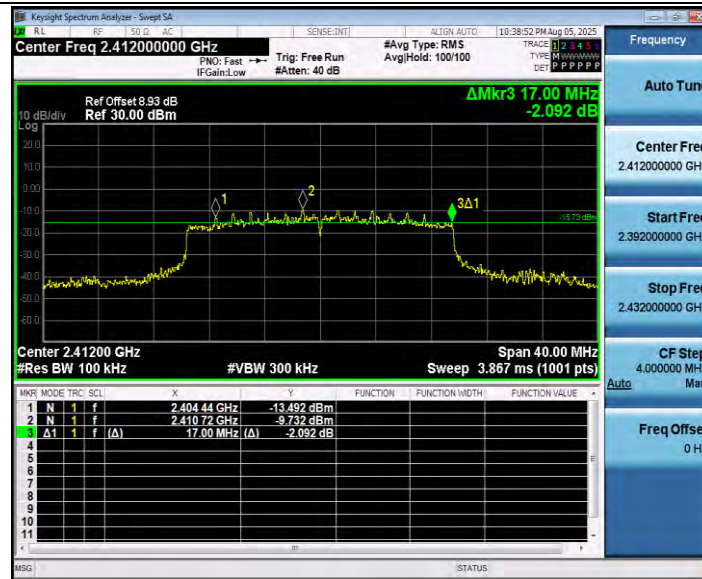
11N40SISO_Ant1_2437



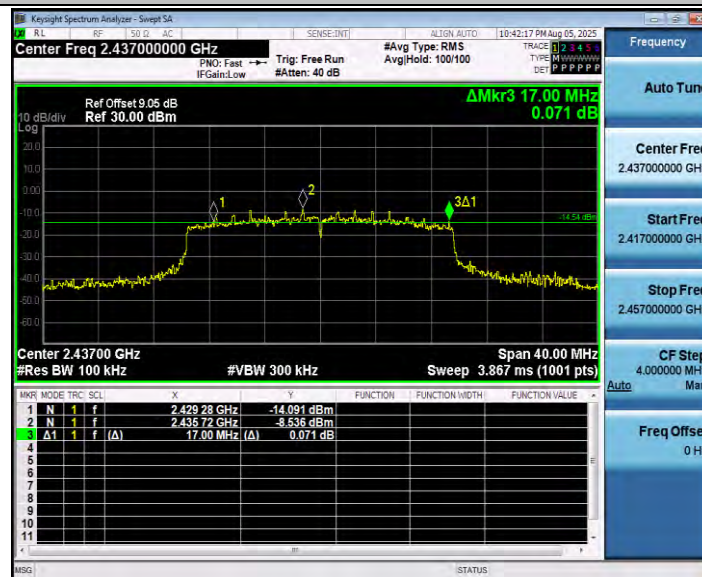
11N40SISO_Ant1_2452



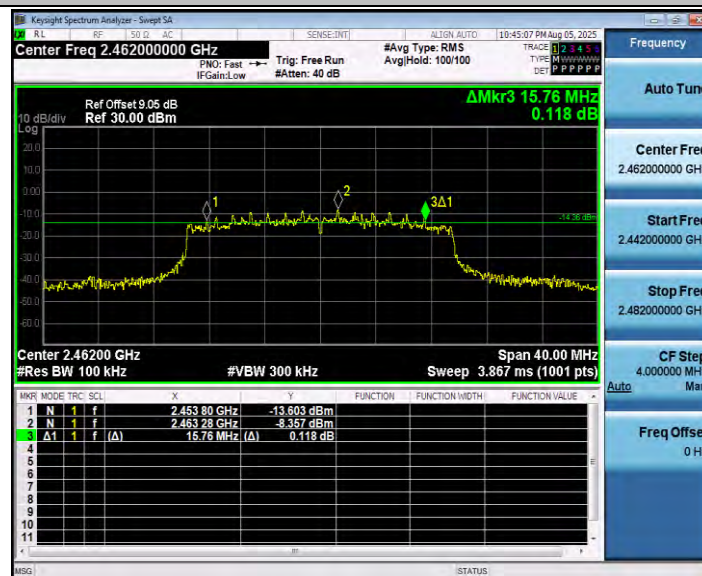
11AX20SISO_Ant1_2412



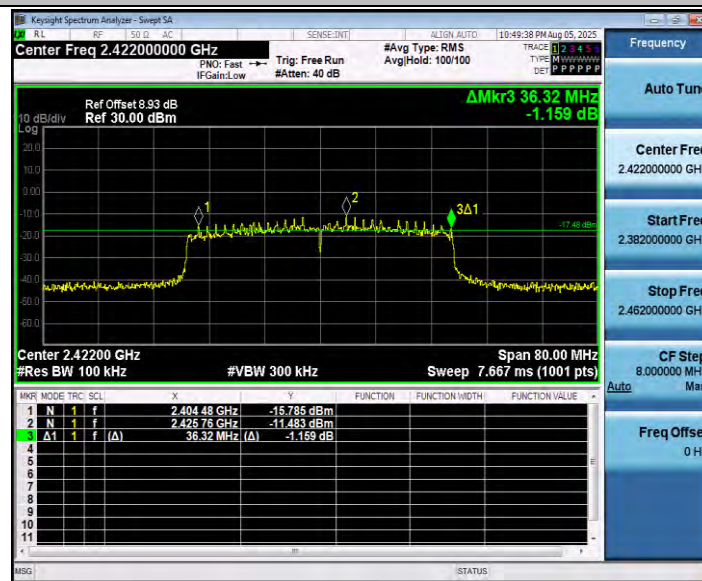
11AX20SISO_Ant1_2437



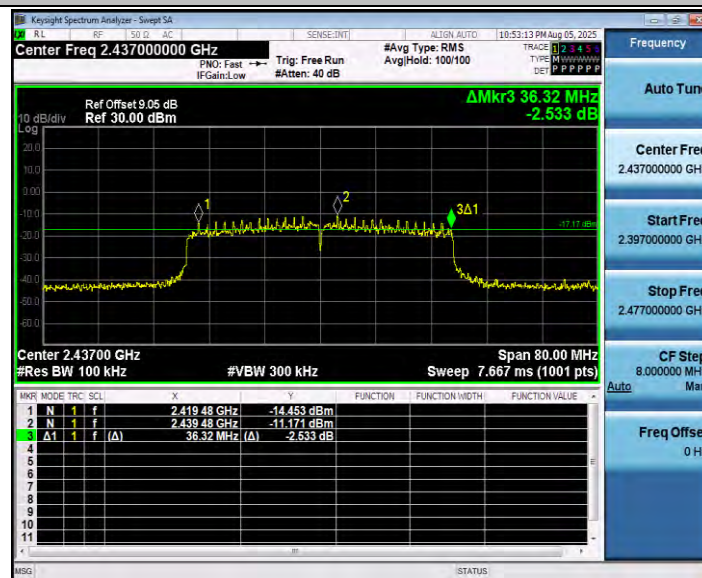
11AX20SISO_Ant1_2462



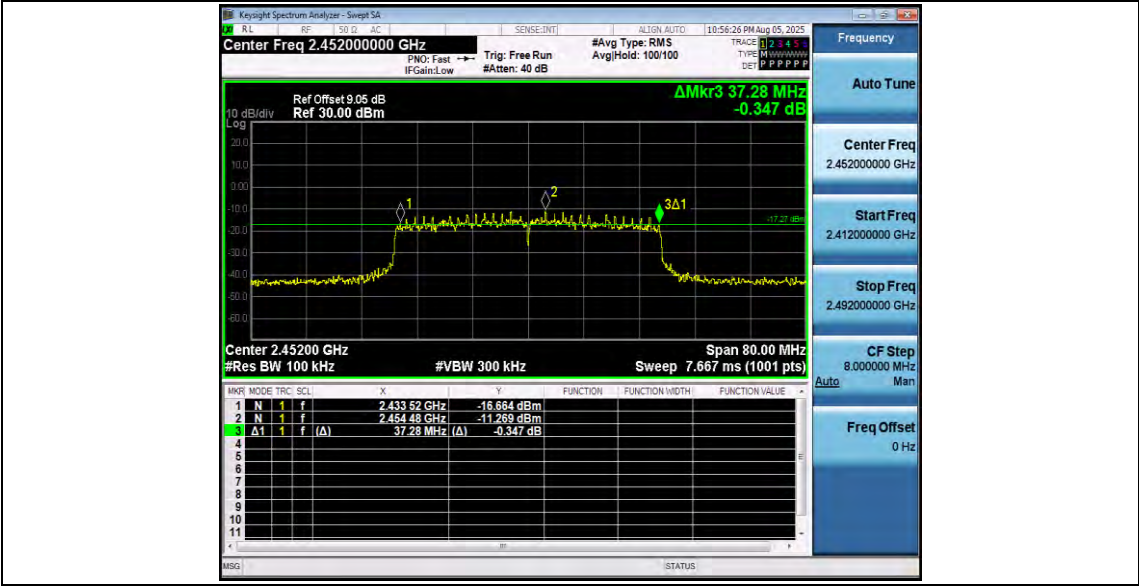
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



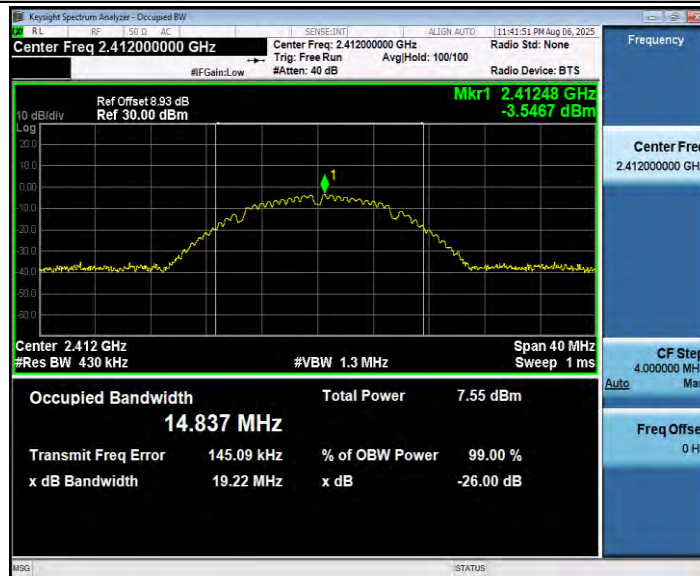
AppendixA.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.837	2404.7266	2419.5636	---	---
		2437	14.875	2429.5728	2444.4478	---	---
		2462	14.803	2454.6286	2469.4316	---	---
11G	Ant1	2412	17.506	2403.3926	2420.8986	---	---
		2437	17.539	2428.1876	2445.7266	---	---
		2462	17.488	2453.1878	2470.6758	---	---
11N20SISO	Ant1	2412	18.823	2402.7569	2421.5799	---	---
		2437	18.610	2427.6675	2446.2775	---	---
		2462	18.551	2452.7174	2471.2684	---	---
11N40SISO	Ant1	2422	37.321	2403.5609	2440.8819	---	---
		2437	37.390	2418.4072	2455.7972	---	---
		2452	37.556	2433.1400	2470.6960	---	---
11AX20SISO	Ant1	2412	19.307	2402.4803	2421.7873	---	---
		2437	19.238	2427.3889	2446.6269	---	---
		2462	19.256	2452.4574	2471.7134	---	---
11AX40SISO	Ant1	2422	38.215	2403.0534	2441.2684	---	---
		2437	38.330	2417.9505	2456.2805	---	---
		2452	38.414	2432.7678	2471.1818	---	---

Test Graphs

11B_Ant1_2412



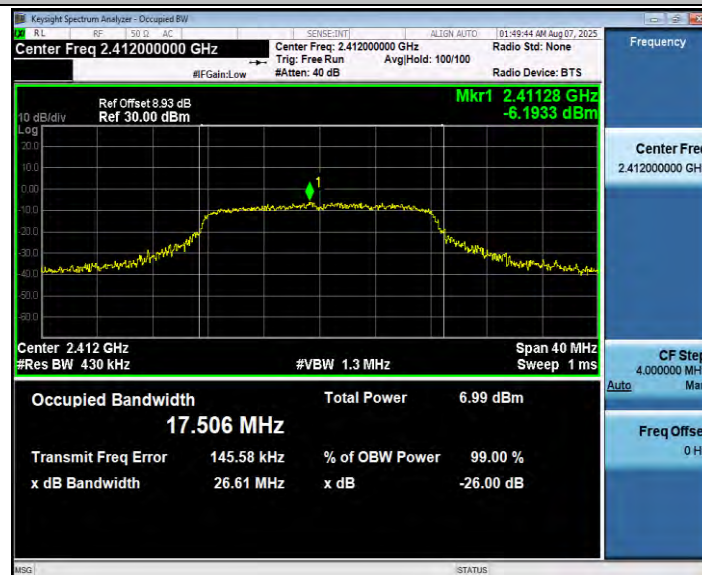
11B_Ant1_2437



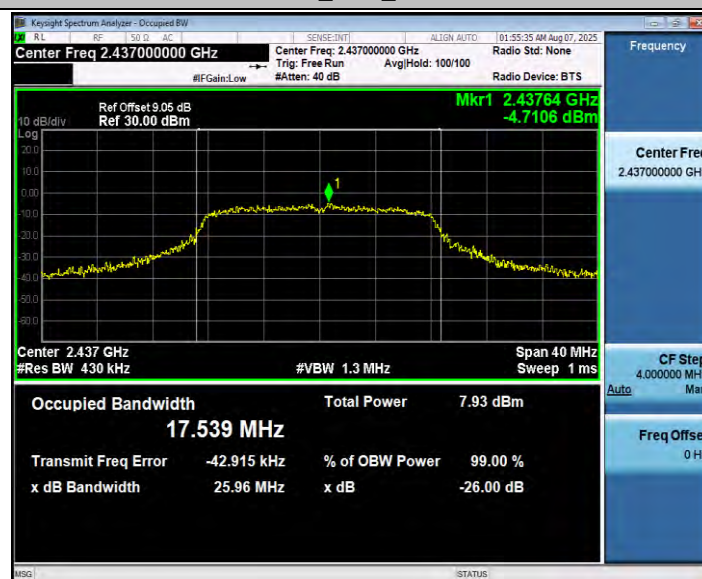
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



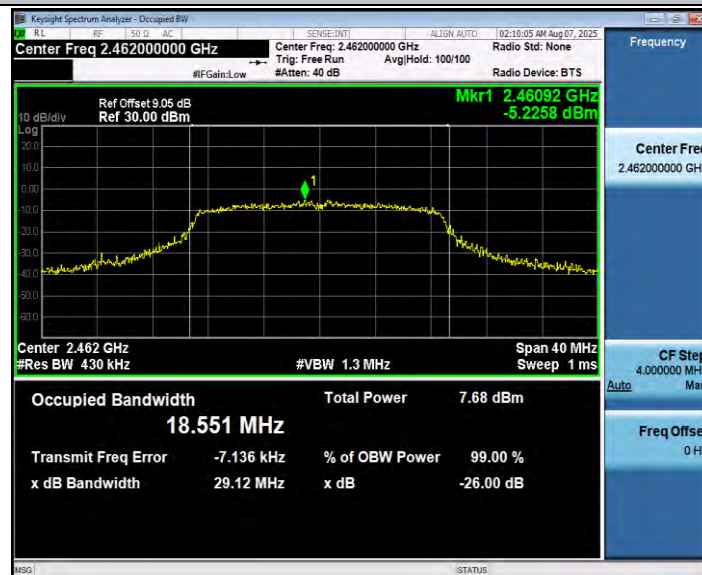
11N20SISO_Ant1_2412



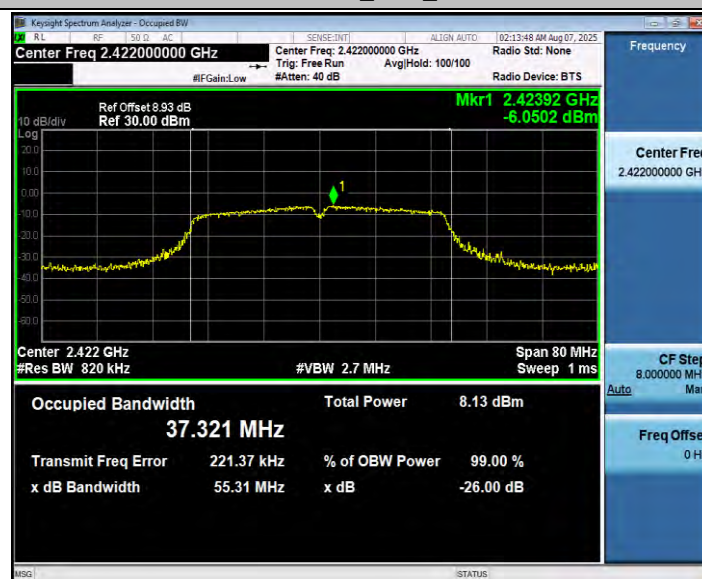
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



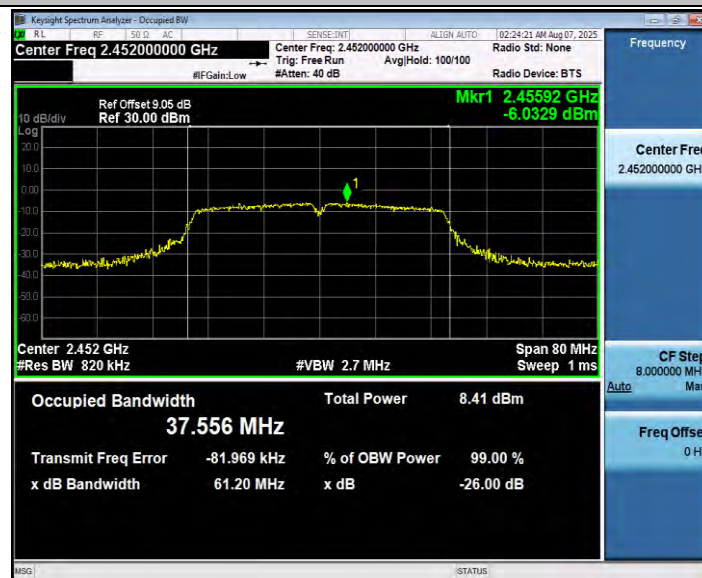
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



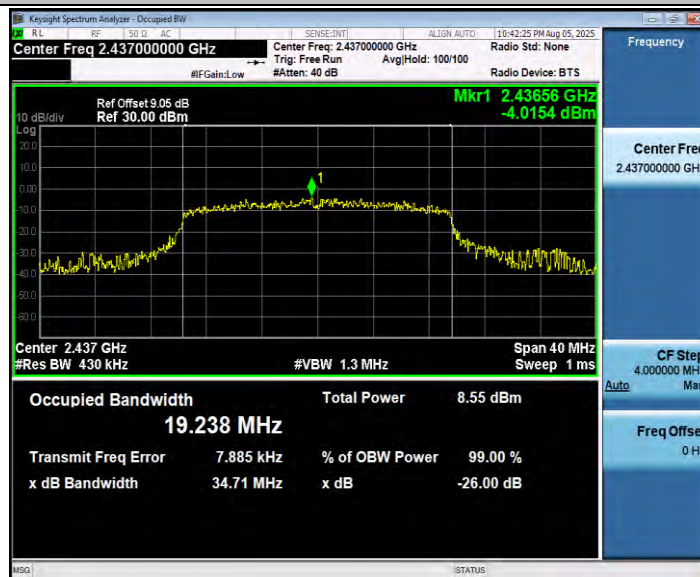
11N40SISO_Ant1_2452



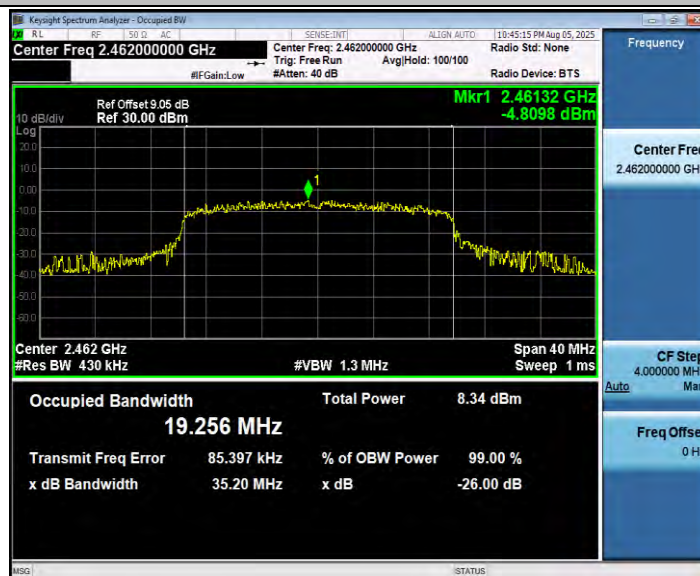
11AX20SISO_Ant1_2412



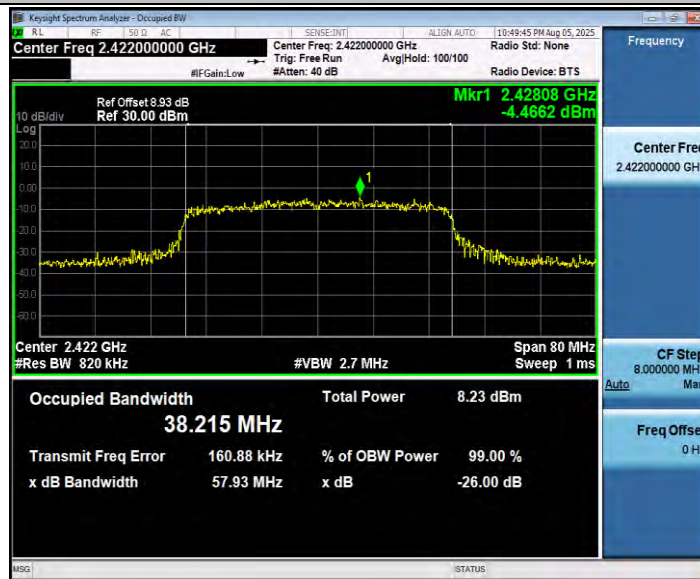
11AX20SISO_Ant1_2437



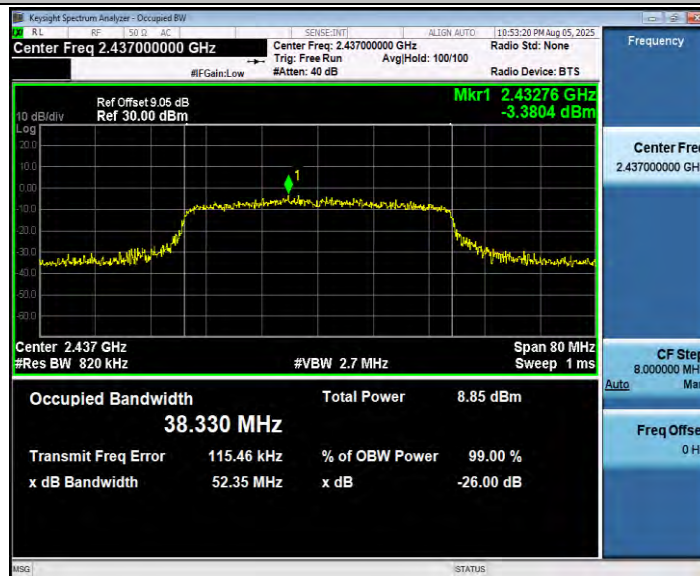
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixA.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.54	≤30.00	PASS
		2437	8.25	≤30.00	PASS
		2462	8.84	≤30.00	PASS
11G	Ant1	2412	8.19	≤30.00	PASS
		2437	8.16	≤30.00	PASS
		2462	8.97	≤30.00	PASS
11N20SISO	Ant1	2412	8.21	≤30.00	PASS
		2437	8.06	≤30.00	PASS
		2462	8.98	≤30.00	PASS
11N40SISO	Ant1	2422	8.53	≤30.00	PASS
		2437	8.98	≤30.00	PASS
		2452	8.86	≤30.00	PASS
11AX20SISO	Ant1	2412	8.40	≤30.00	PASS
		2437	8.15	≤30.00	PASS
		2462	8.07	≤30.00	PASS
11AX40SISO	Ant1	2422	8.37	≤30.00	PASS
		2437	8.96	≤30.00	PASS
		2452	8.87	≤30.00	PASS

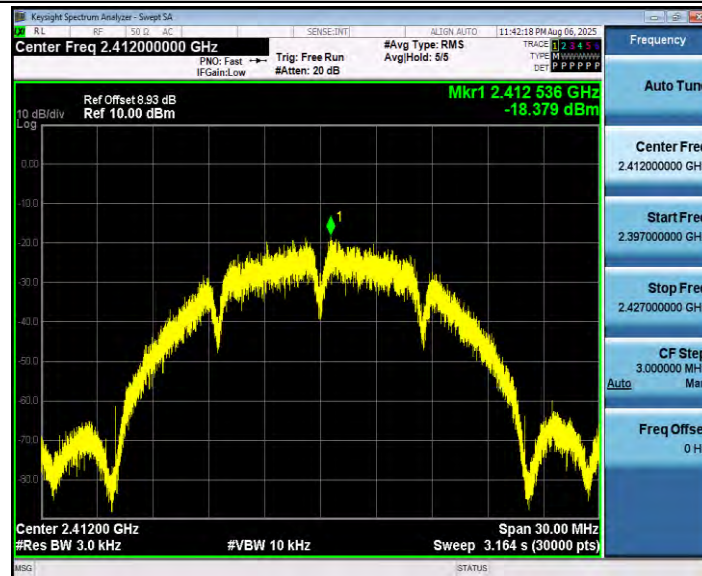
AppendixA.4: Maximum power spectral density

Test Result

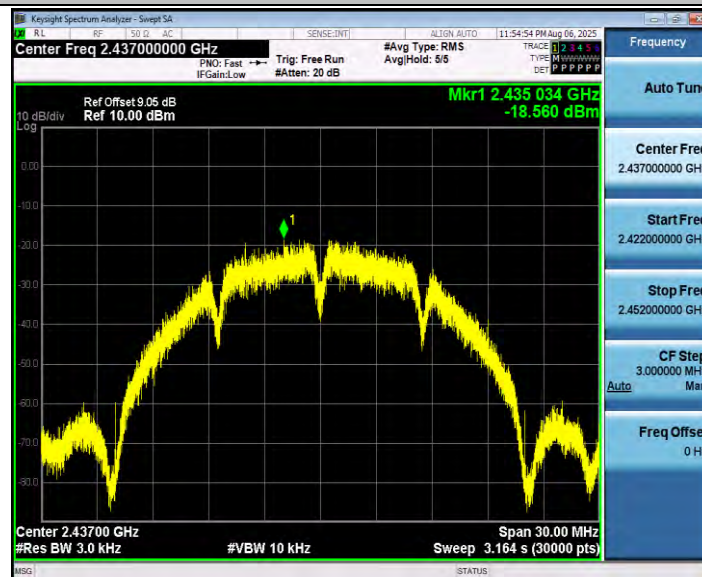
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.38	≤8.00	PASS
		2437	-18.56	≤8.00	PASS
		2462	-17.02	≤8.00	PASS
11G	Ant1	2412	-23.90	≤8.00	PASS
		2437	-23.67	≤8.00	PASS
		2462	-24.34	≤8.00	PASS
11N20SISO	Ant1	2412	-25.42	≤8.00	PASS
		2437	-24.08	≤8.00	PASS
		2462	-23.63	≤8.00	PASS
11N40SISO	Ant1	2422	-26.00	≤8.00	PASS
		2437	-26.89	≤8.00	PASS
		2452	-26.83	≤8.00	PASS
11AX20SISO	Ant1	2412	-26.44	≤8.00	PASS
		2437	-25.65	≤8.00	PASS
		2462	-25.44	≤8.00	PASS
11AX40SISO	Ant1	2422	-29.16	≤8.00	PASS
		2437	-28.42	≤8.00	PASS
		2452	-28.93	≤8.00	PASS

Test Graphs

11B_Ant1_2412



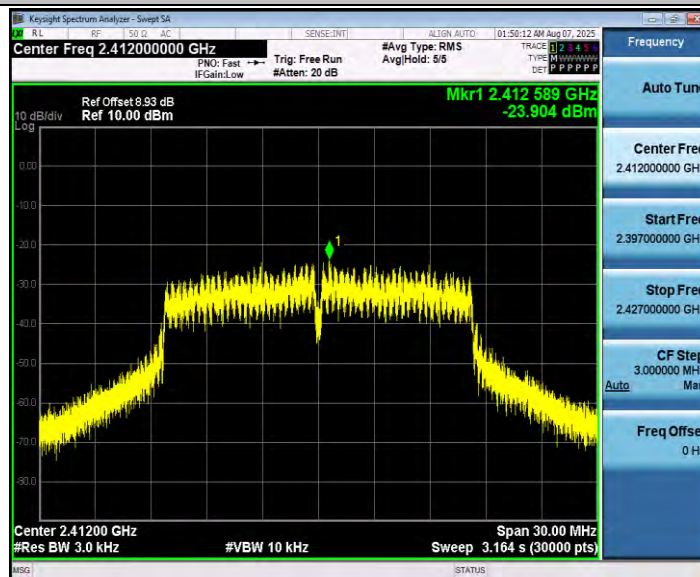
11B_Ant1_2437



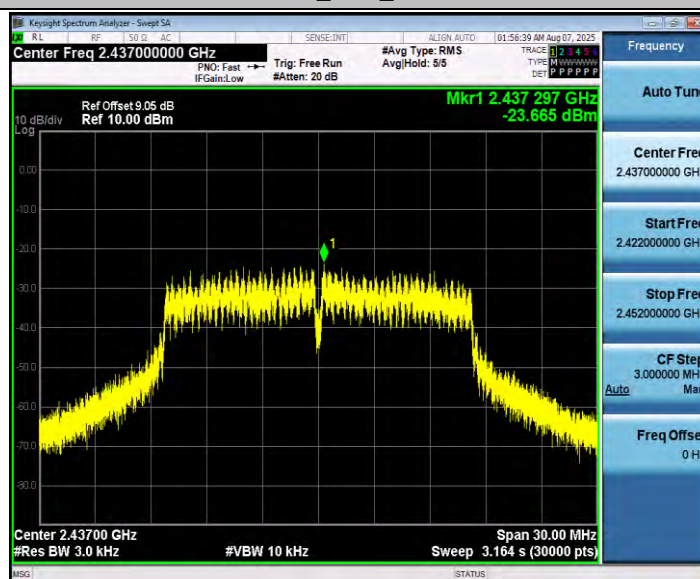
11B_Ant1_2462



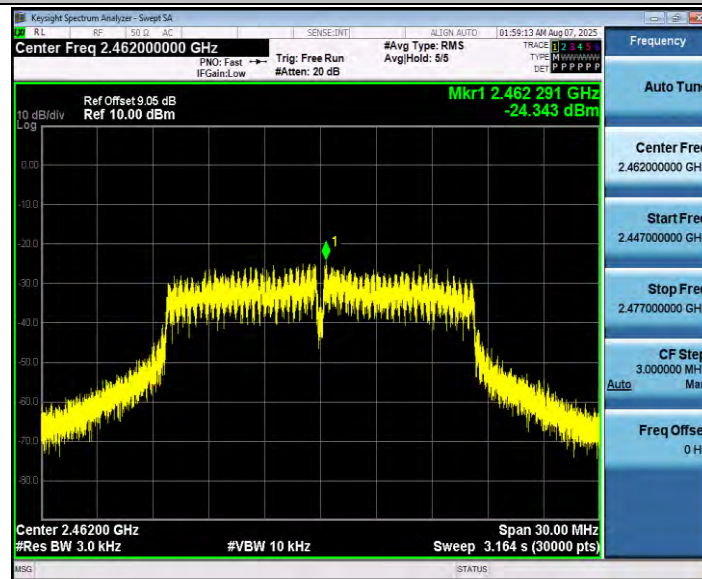
11G_Ant1_2412



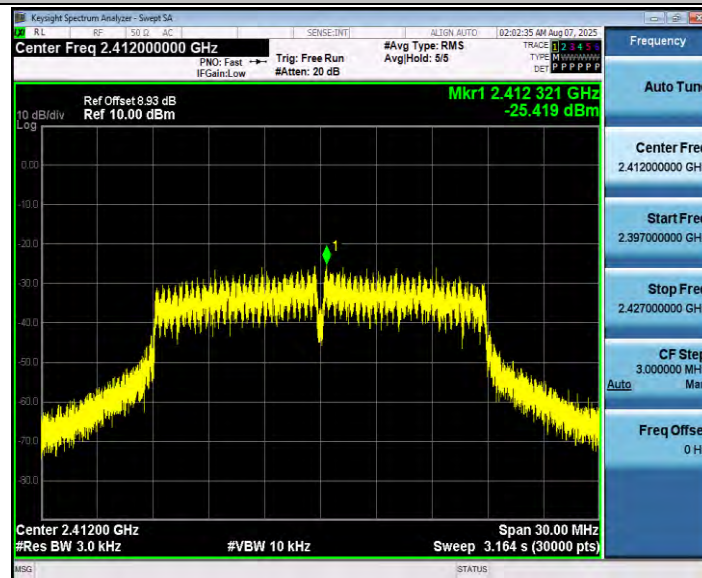
11G_Ant1_2437



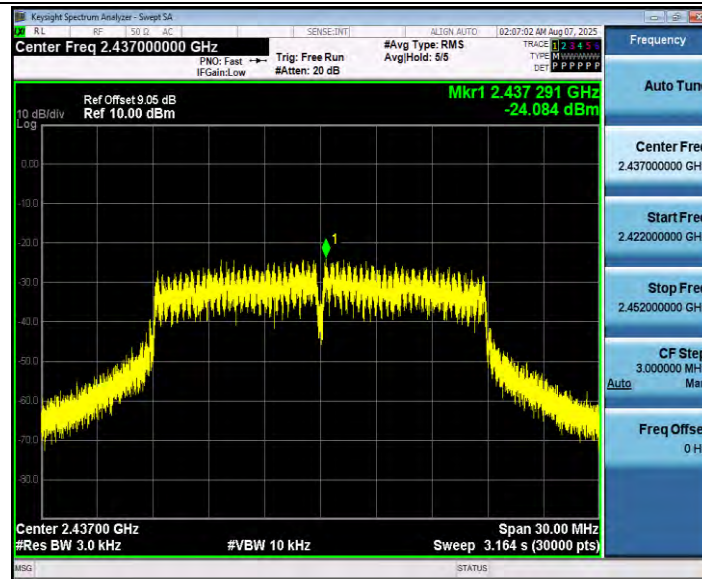
11G_Ant1_2462



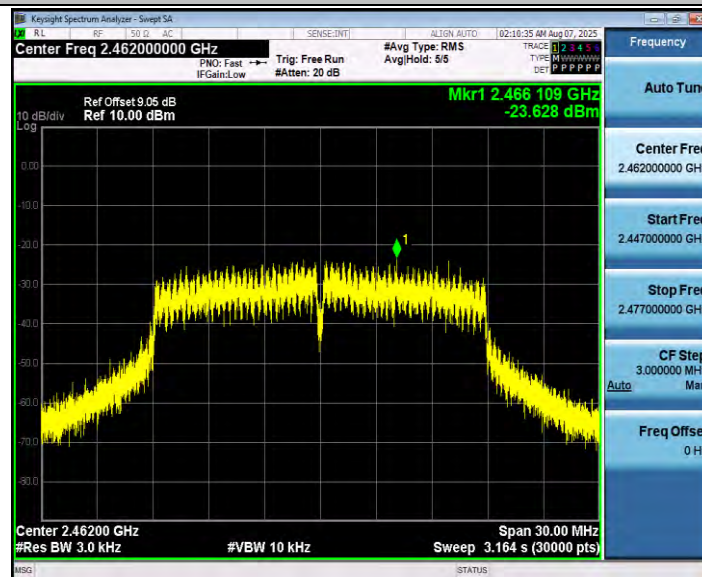
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



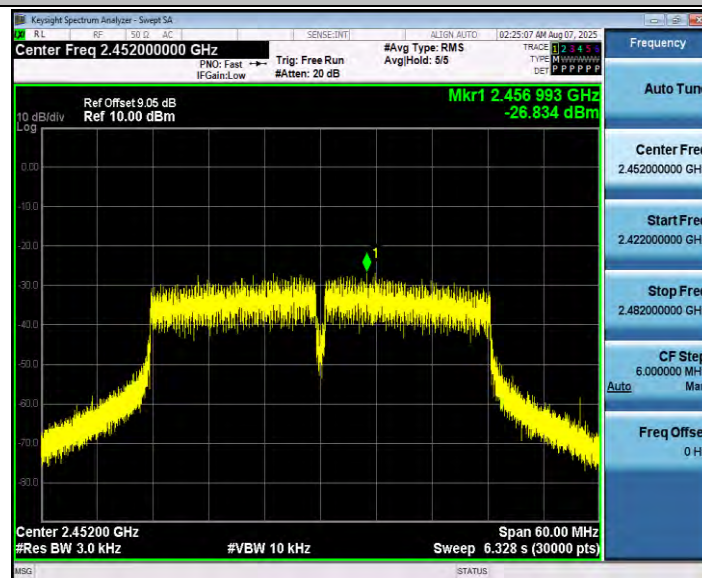
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



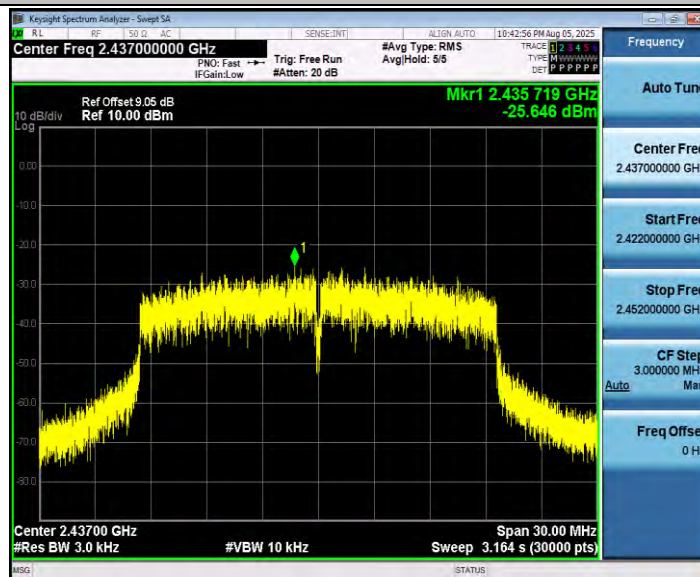
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



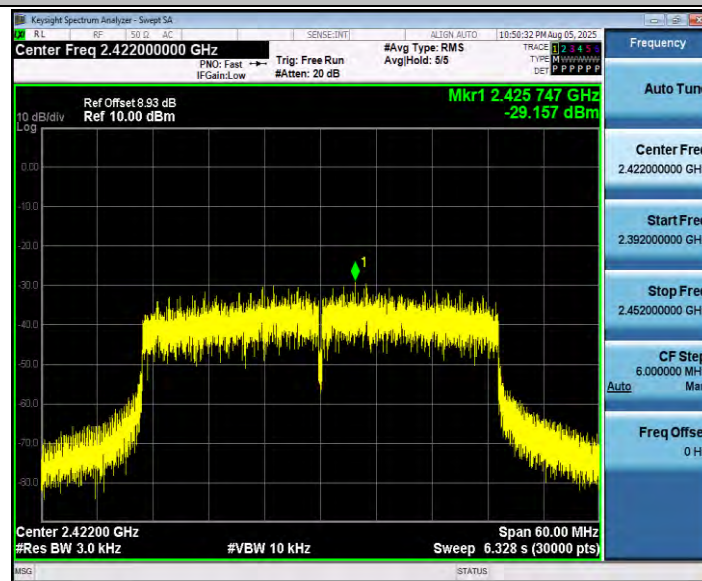
11AX20SISO_Ant1_2437



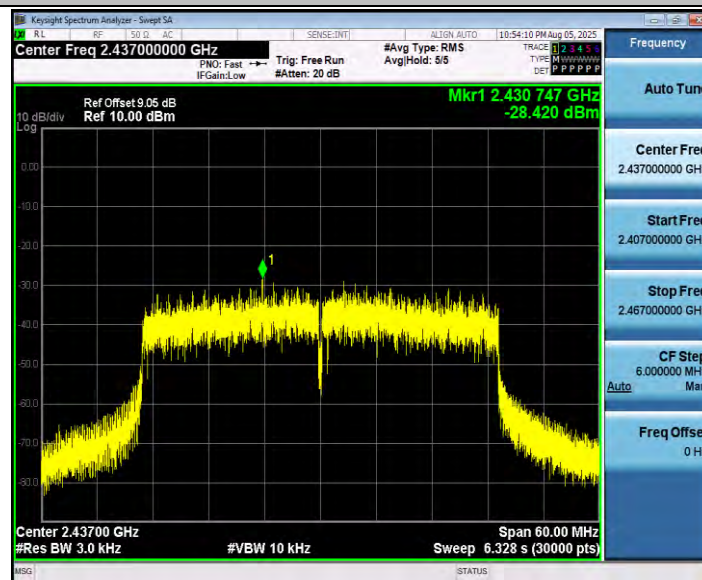
11AX20SISO_Ant1_2462



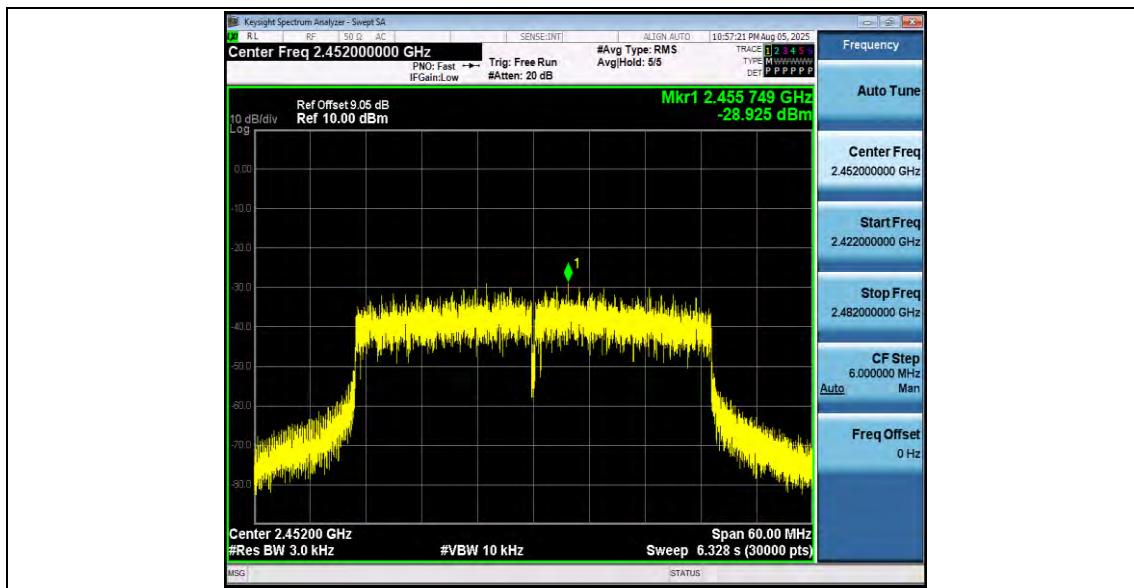
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



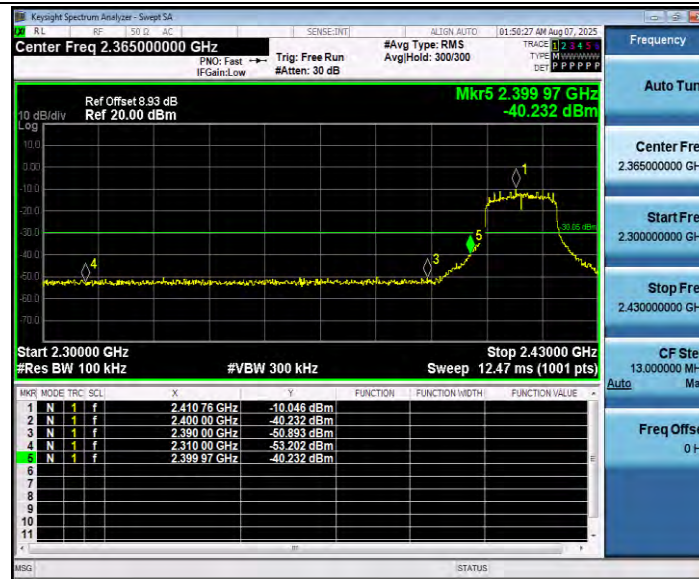
Appendix A.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-4.07	-46.97	≤ -24.07	PASS
		High	2462	-2.47	-49.87	≤ -22.47	PASS
11G	Ant1	Low	2412	-10.05	-40.23	≤ -30.05	PASS
		High	2462	-10.73	-49.8	≤ -30.73	PASS
11N20SISO	Ant1	Low	2412	-11.37	-40.48	≤ -31.37	PASS
		High	2462	-9.61	-49.74	≤ -29.61	PASS
11N40SISO	Ant1	Low	2422	-11.98	-42.22	≤ -31.98	PASS
		High	2452	-12.13	-49.04	≤ -32.13	PASS
11AX20SISO	Ant1	Low	2412	-8.90	-40.49	≤ -28.9	PASS
		High	2462	-8.12	-35.68	≤ -28.12	PASS
11AX40SISO	Ant1	Low	2422	-11.42	-42.54	≤ -31.42	PASS
		High	2452	-11.32	-46.64	≤ -31.32	PASS

Test Graphs

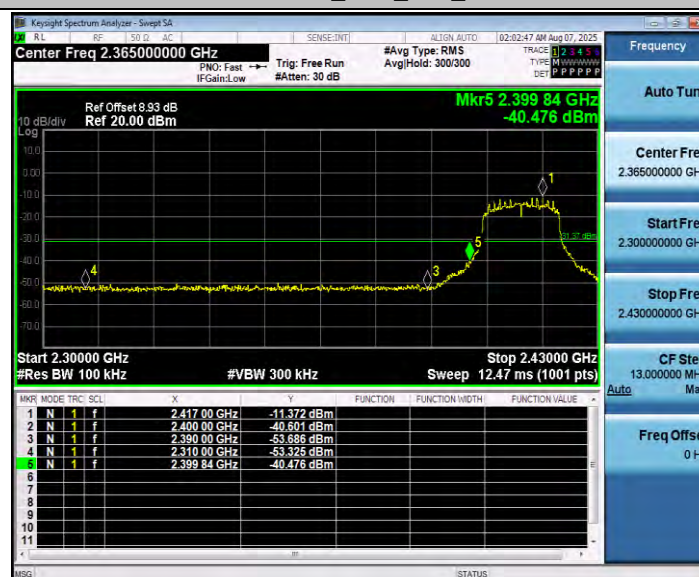




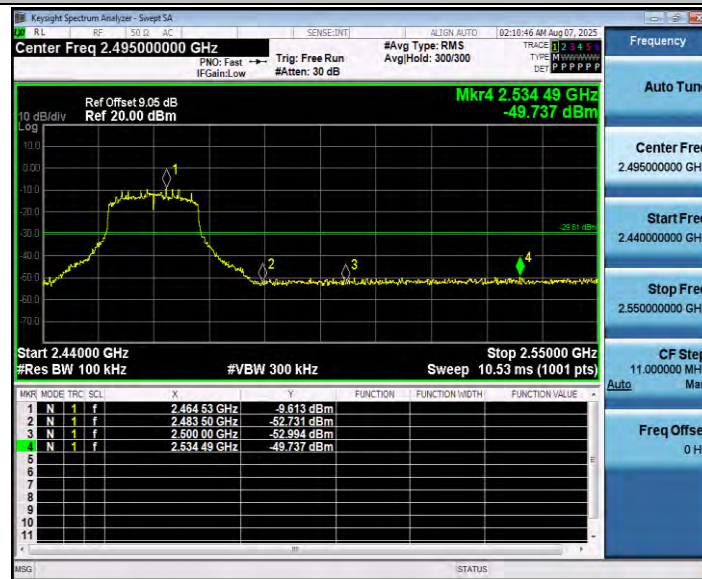
11G_Ant1_High_2462



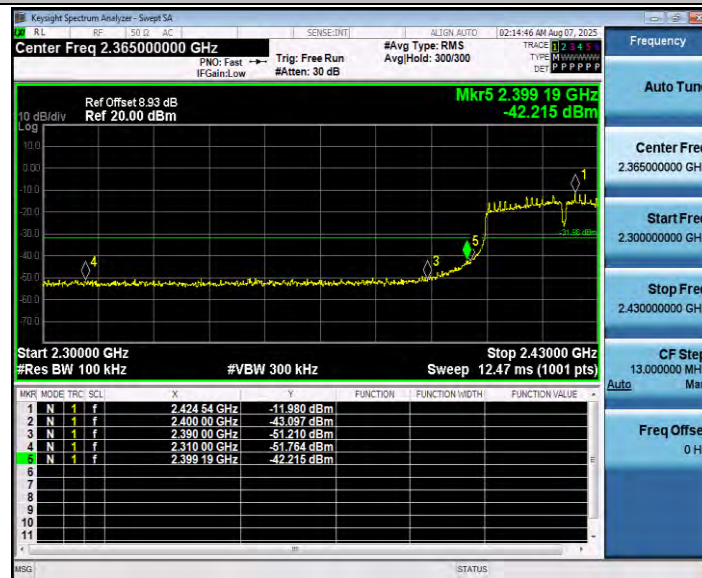
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



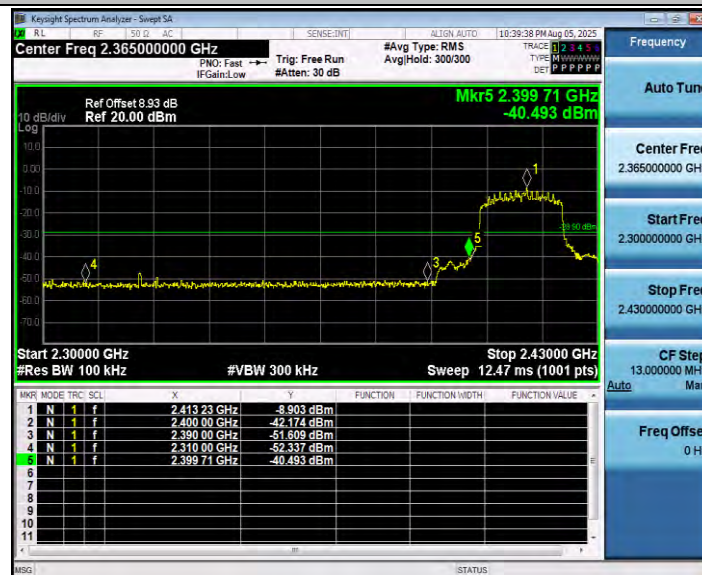
11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462

