

Case No. : GTS20250716006-1-01	
Ambient Condition: 22°C, 50%RH,	
Test Date: 2025.8.8-2025.8.20	Test Engineer: Evan ouyang

Appendix A.1: DTS Bandwidth

Test Result

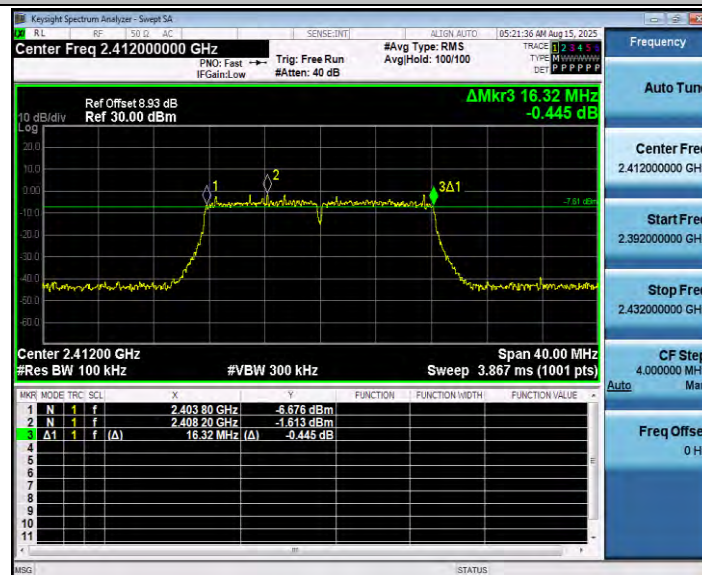
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.920	2417.000	0.5	PASS
		2437	10.120	2431.880	2442.000	0.5	PASS
		2462	10.080	2456.920	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.800	2420.120	0.5	PASS
		2437	16.320	2428.800	2445.120	0.5	PASS
		2462	16.320	2453.800	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.200	2420.720	0.5	PASS
		2437	17.280	2428.440	2445.720	0.5	PASS
		2462	17.520	2453.200	2470.720	0.5	PASS
11N40SISO	Ant1	2422	36.240	2403.840	2440.080	0.5	PASS
		2437	35.840	2419.240	2455.080	0.5	PASS
		2452	36.080	2434.080	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	18.480	2402.560	2421.040	0.5	PASS
		2437	18.600	2427.560	2446.160	0.5	PASS
		2462	18.480	2452.600	2471.080	0.5	PASS
11AX40SISO	Ant1	2422	37.920	2403.040	2440.960	0.5	PASS
		2437	37.920	2418.040	2455.960	0.5	PASS
		2452	37.920	2433.040	2470.960	0.5	PASS

Test Graphs

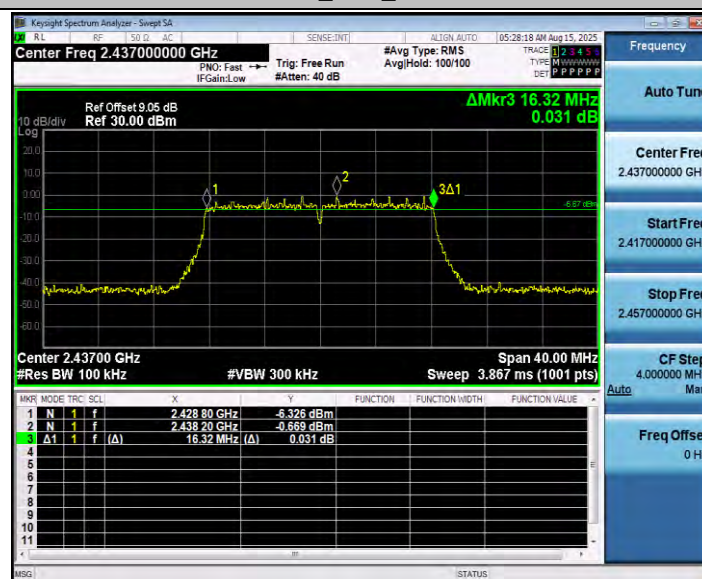




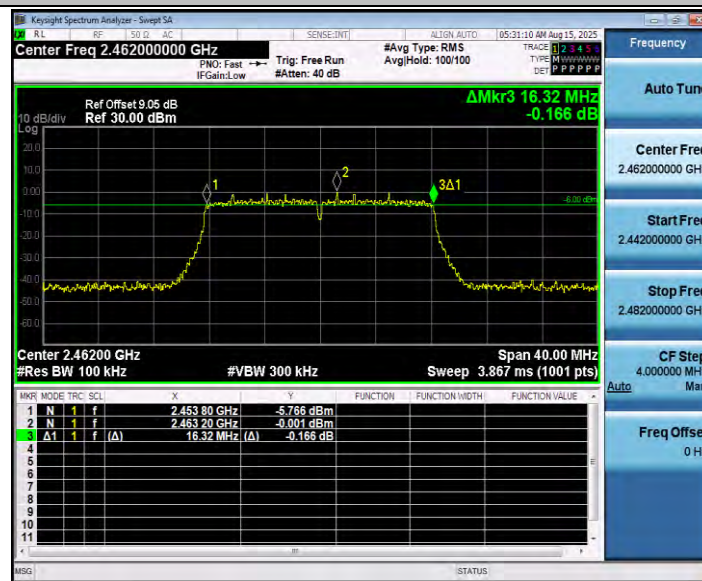
11G_Ant1_2412



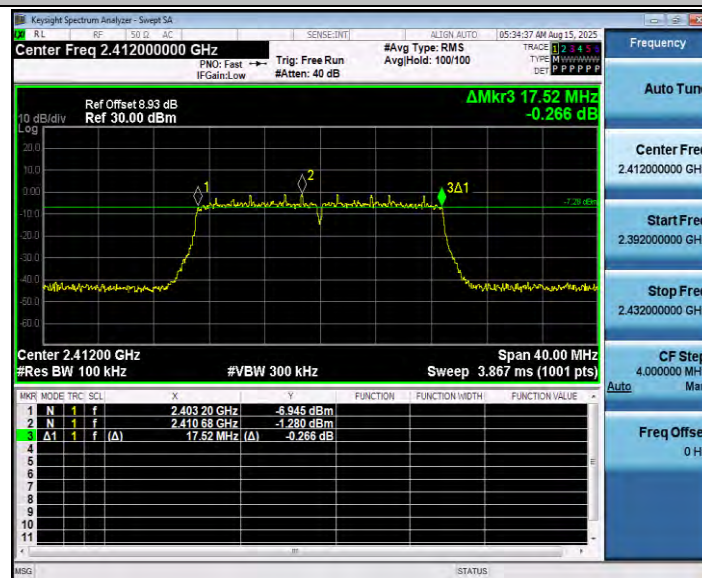
11G_Ant1_2437



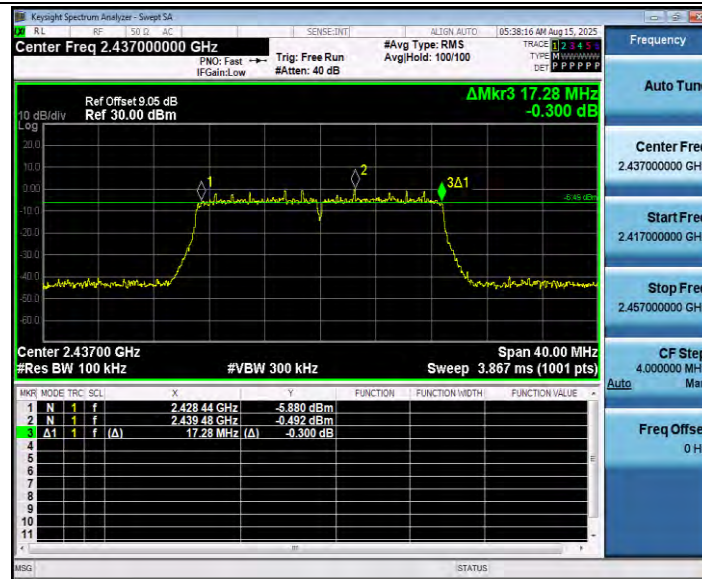
11G_Ant1_2462



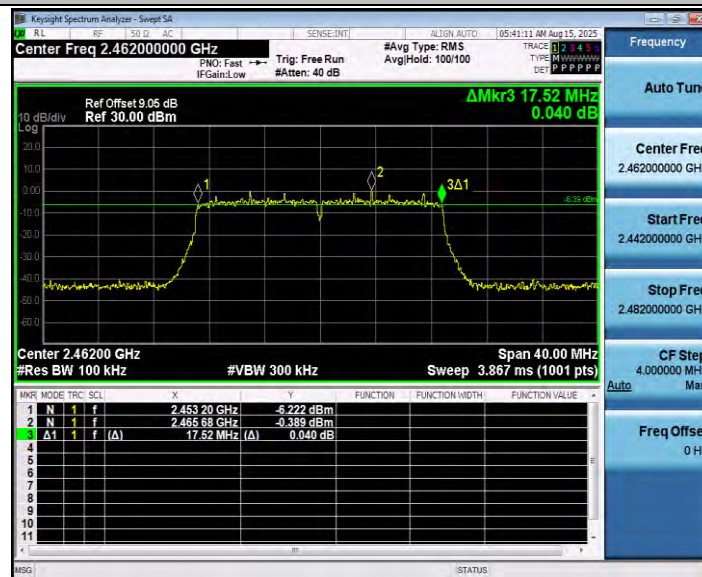
11N20SISO_Ant1_2412



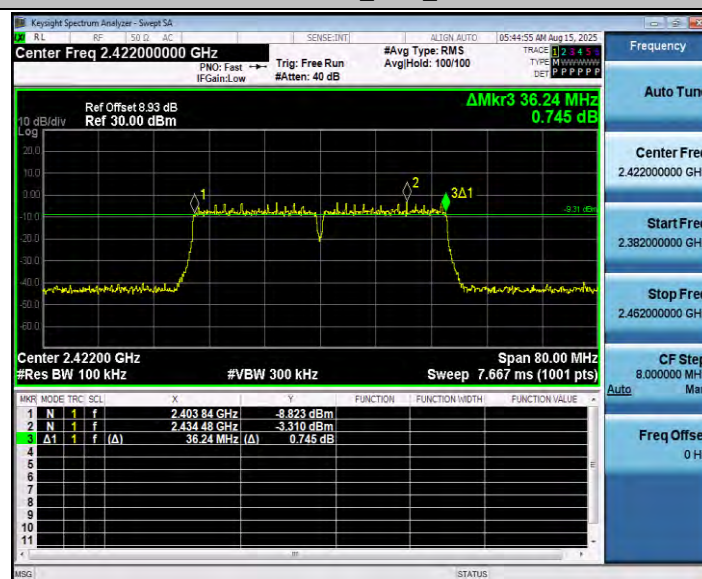
11N20SISO_Ant1_2437



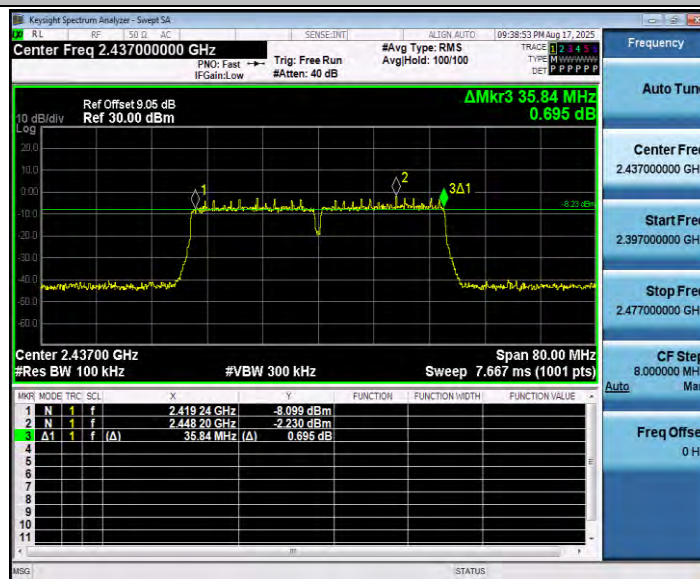
11N20SISO_Ant1_2462



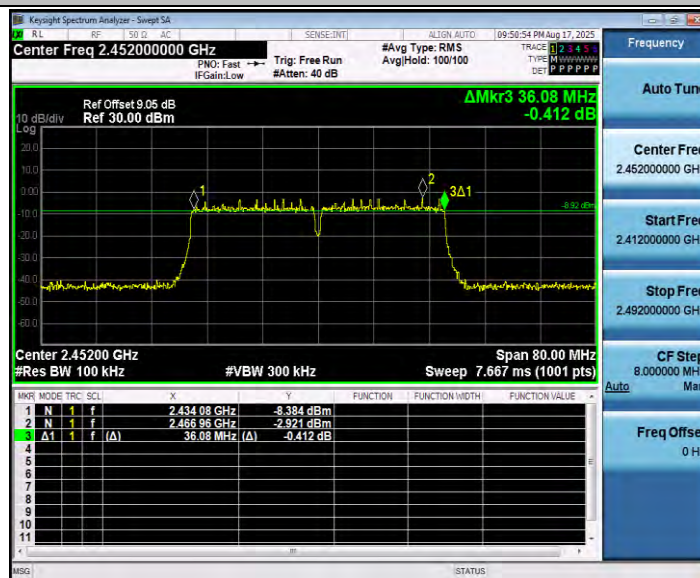
11N40SISO_Ant1_2422



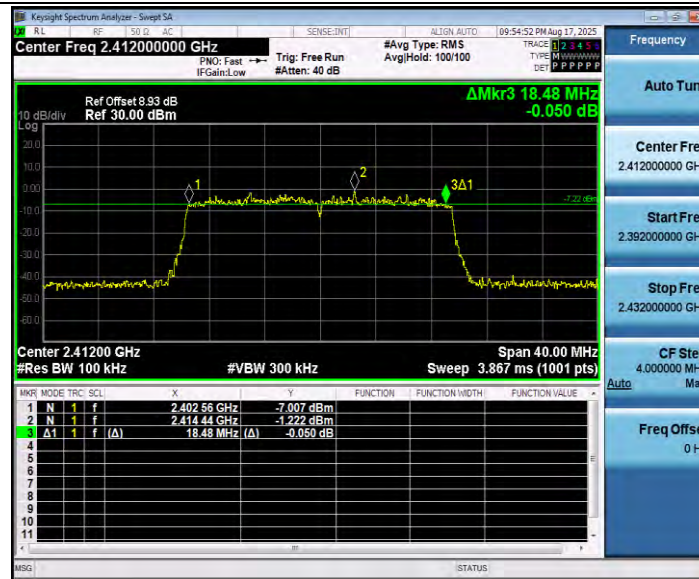
11N40SISO_Ant1_2437



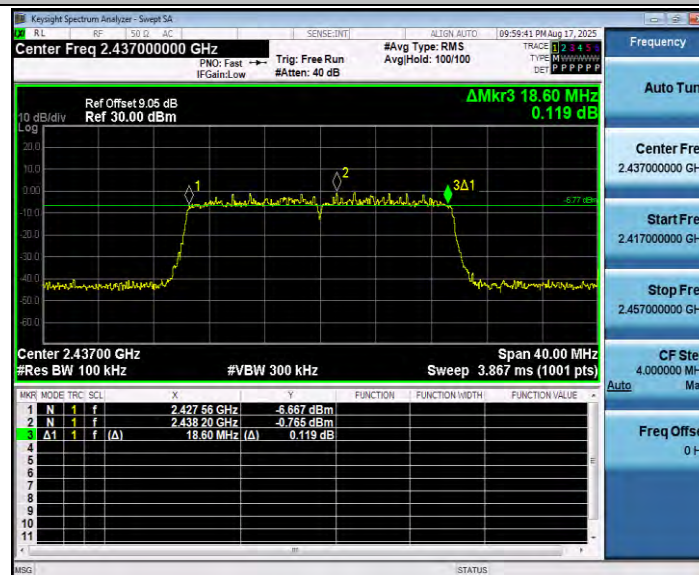
11N40SISO_Ant1_2452



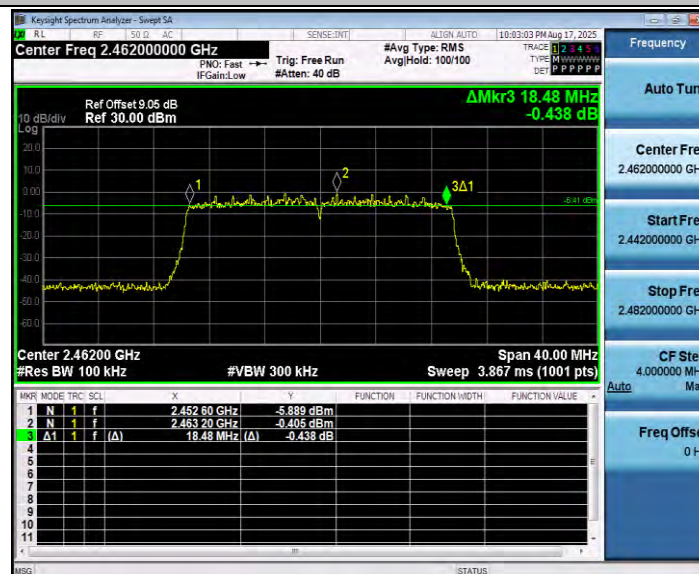
11AX20SISO_Ant1_2412



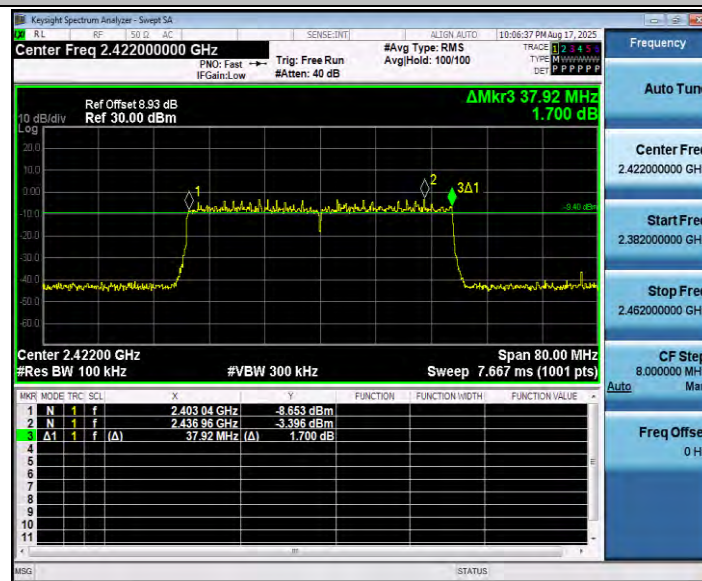
11AX20SISO_Ant1_2437



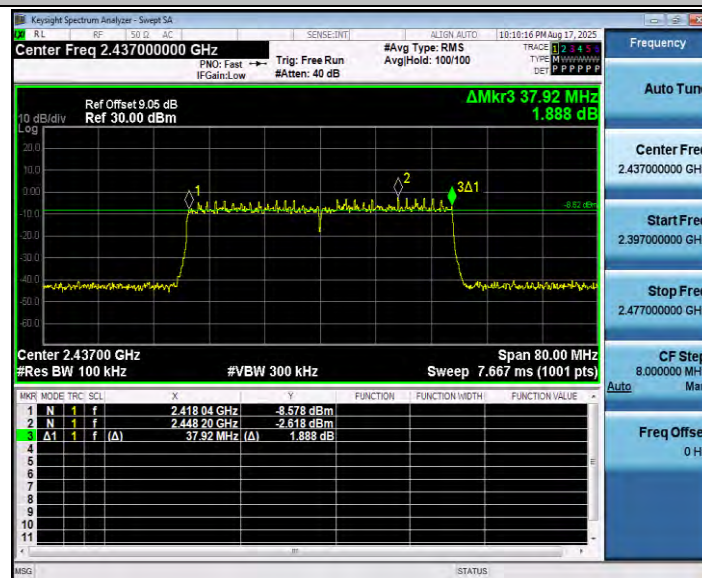
11AX20SISO_Ant1_2462



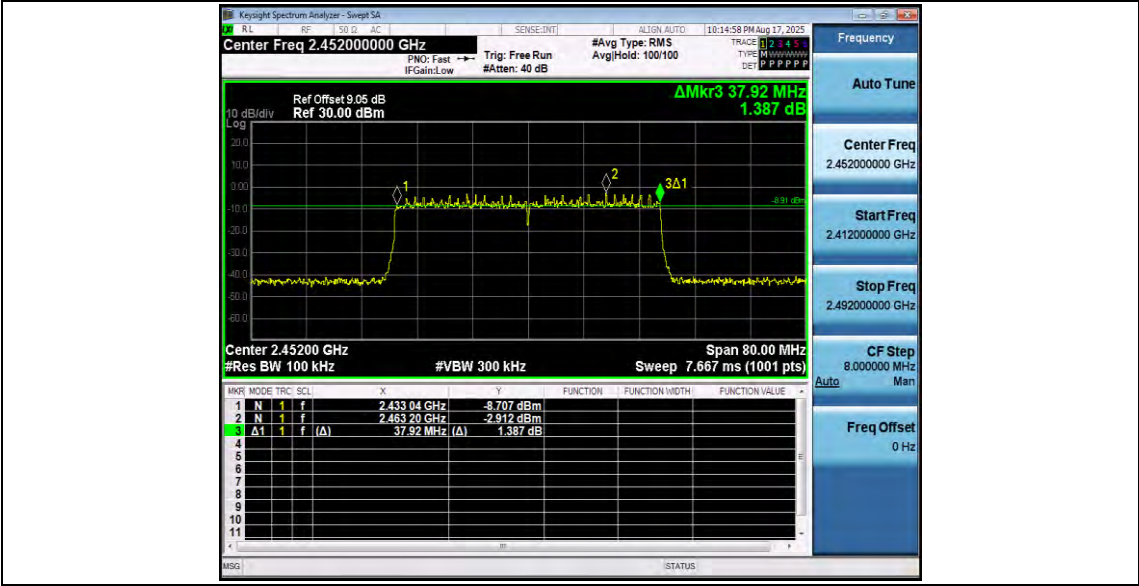
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



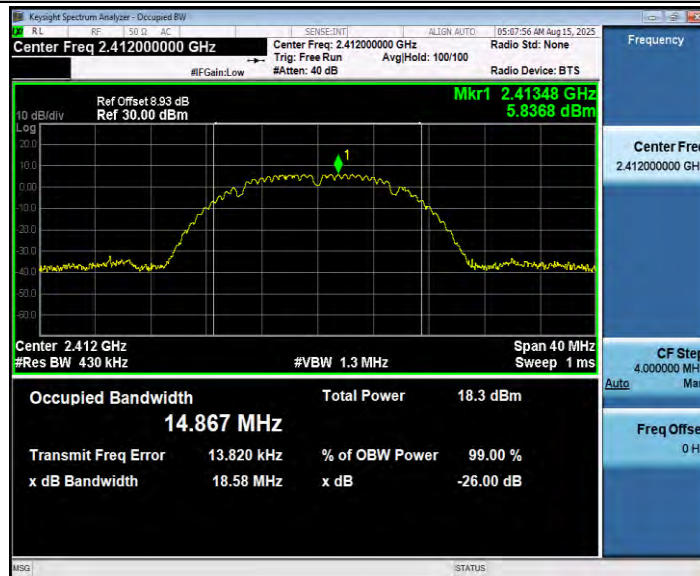
AppendixA.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.867	2404.5803	2419.4473	---	---
		2437	14.929	2429.4968	2444.4258	---	---
		2462	14.861	2454.5488	2469.4098	---	---
11G	Ant1	2412	16.517	2403.7176	2420.2346	---	---
		2437	16.554	2428.7235	2445.2775	---	---
		2462	16.487	2453.7210	2470.2080	---	---
11N20SISO	Ant1	2412	17.633	2403.1459	2420.7789	---	---
		2437	17.620	2428.1819	2445.8019	---	---
		2462	17.623	2453.1515	2470.7745	---	---
11N40SISO	Ant1	2422	36.295	2403.8638	2440.1588	---	---
		2437	36.264	2418.9173	2455.1813	---	---
		2452	36.212	2433.8910	2470.1030	---	---
11AX20SISO	Ant1	2412	18.970	2402.4386	2421.4086	---	---
		2437	18.989	2427.4519	2446.4409	---	---
		2462	18.997	2452.4625	2471.4595	---	---
11AX40SISO	Ant1	2422	37.882	2403.0434	2440.9254	---	---
		2437	37.925	2418.0099	2455.9349	---	---
		2452	37.917	2433.0049	2470.9219	---	---

Test Graphs

11B_Ant1_2412



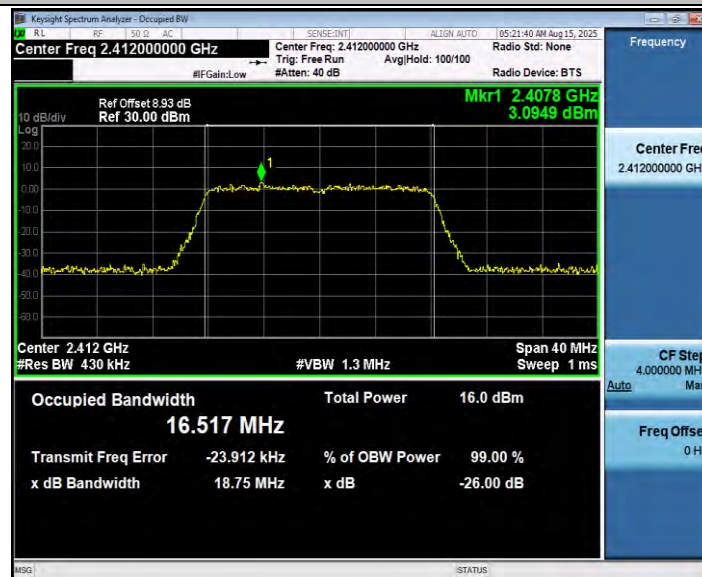
11B_Ant1_2437



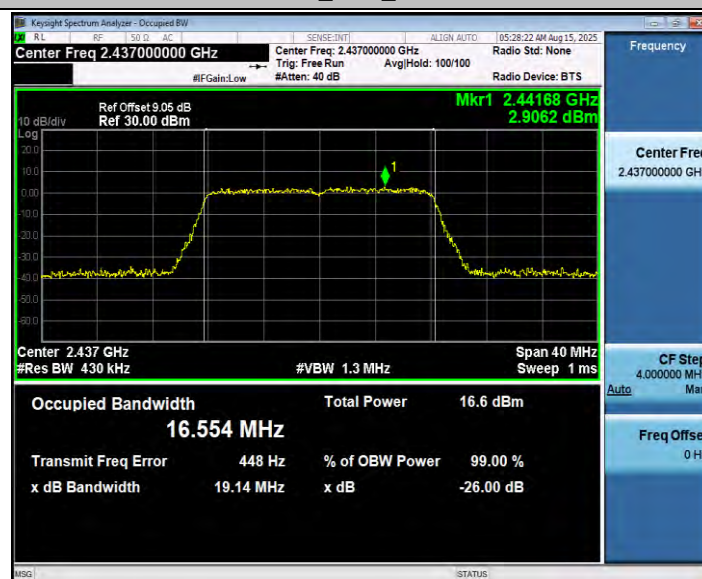
11B_Ant1_2462



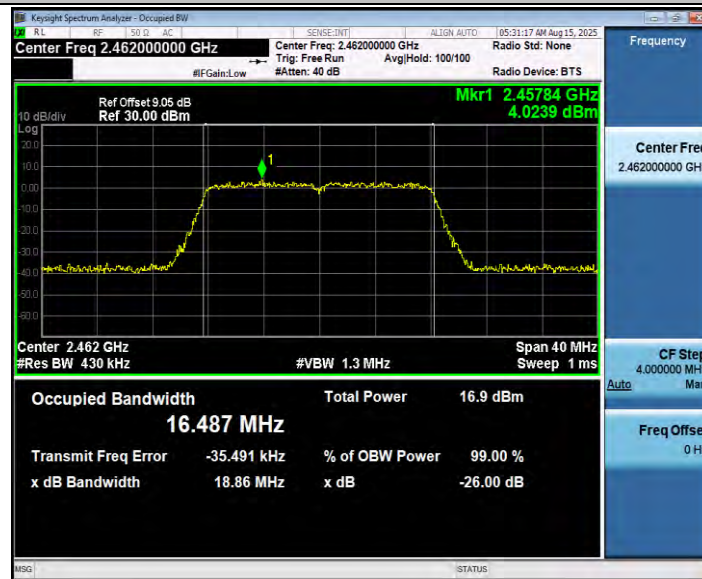
11G_Ant1_2412



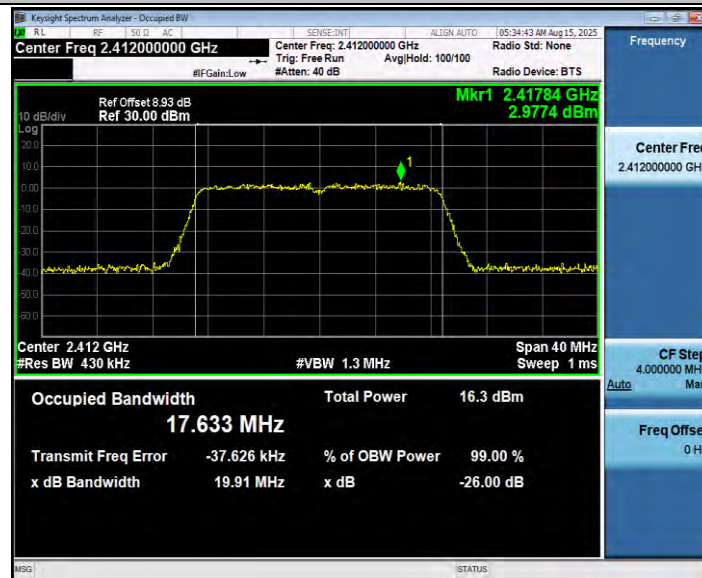
11G_Ant1_2437



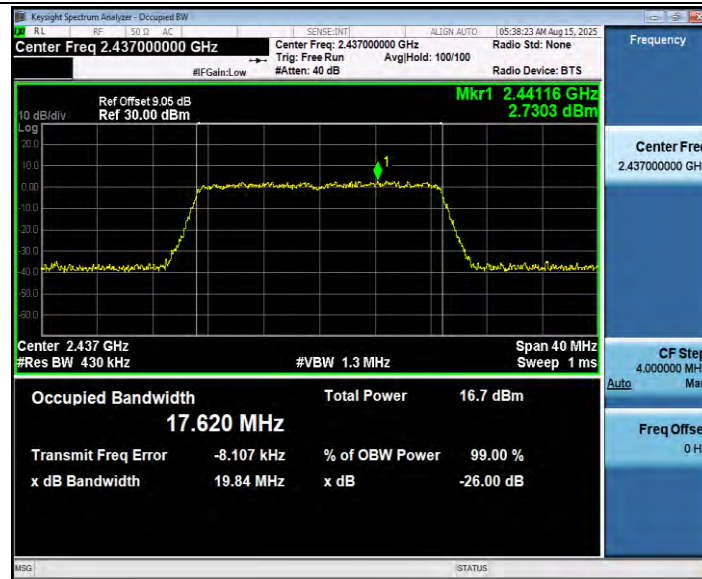
11G_Ant1_2462



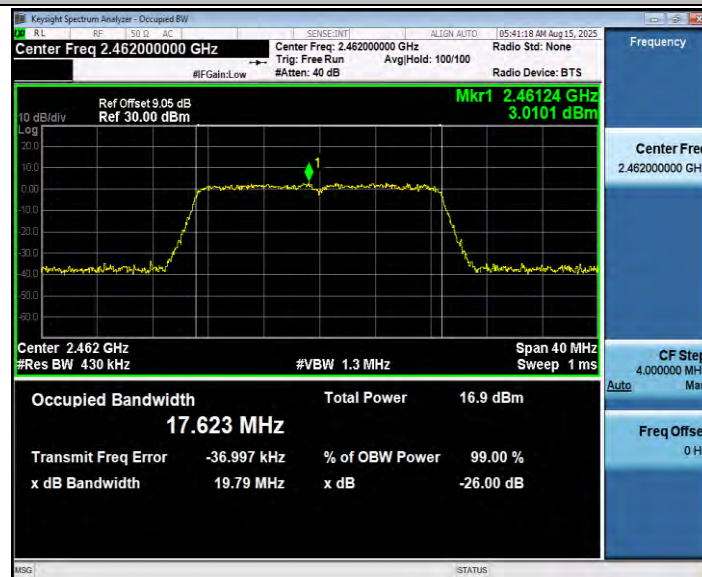
11N20SISO_Ant1_2412



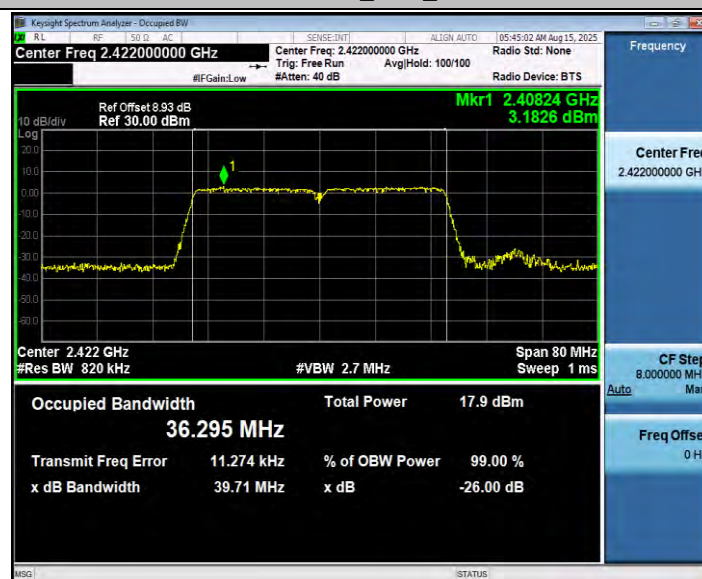
11N20SISO_Ant1_2437

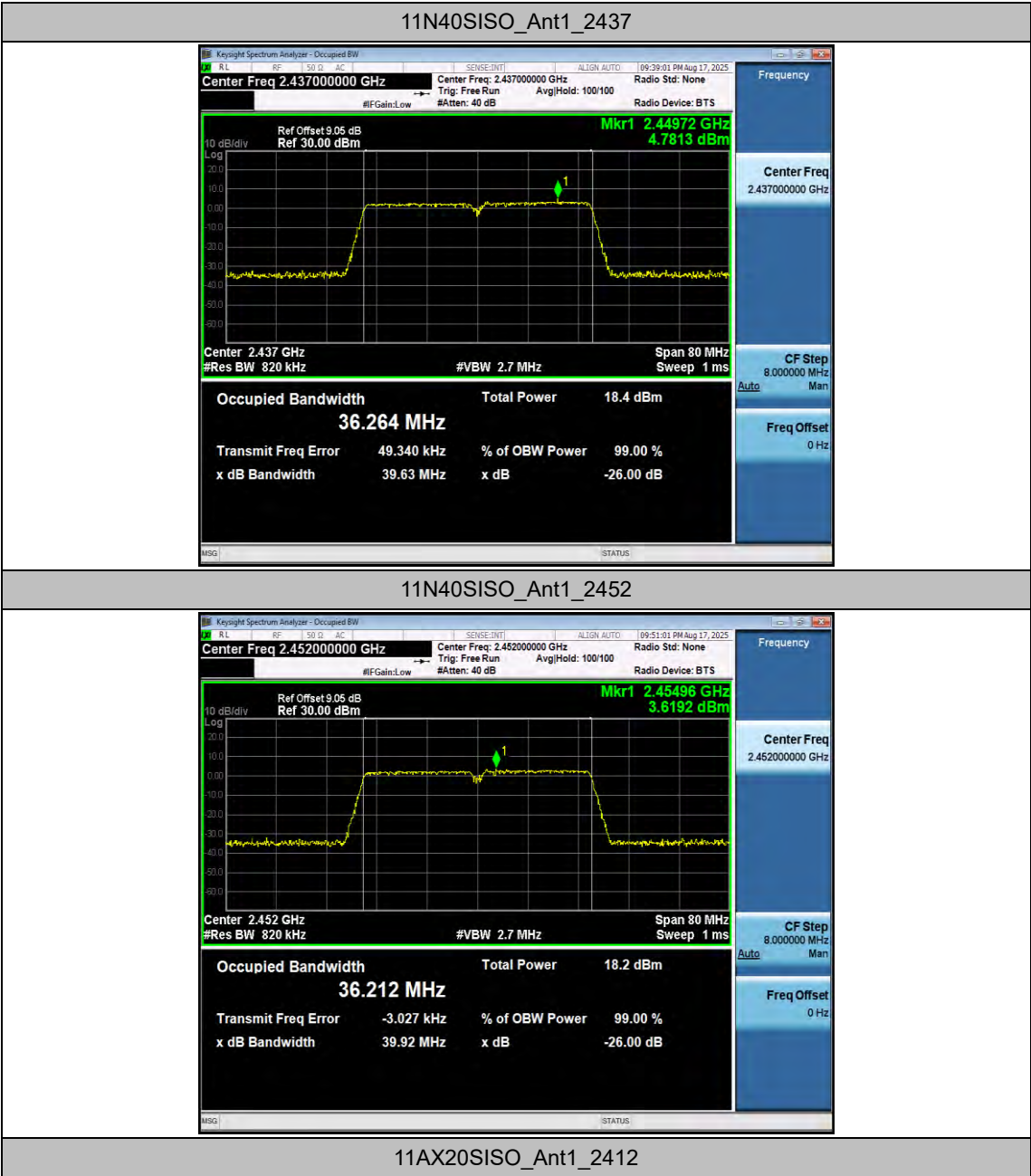


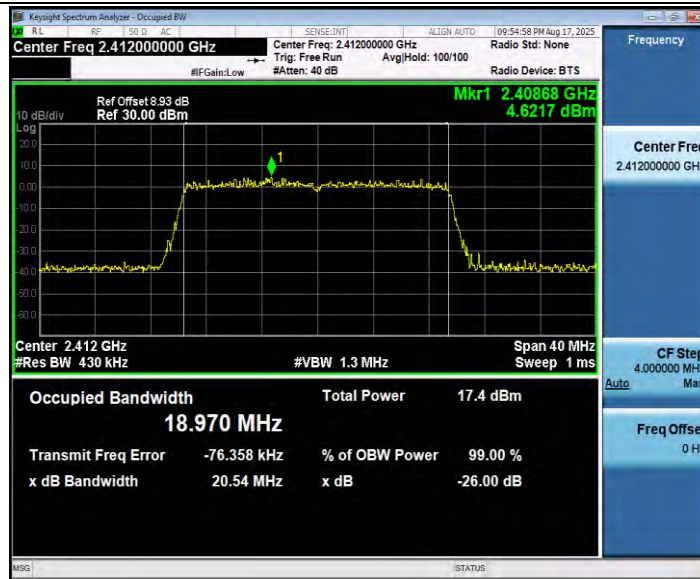
11N20SISO_Ant1_2462



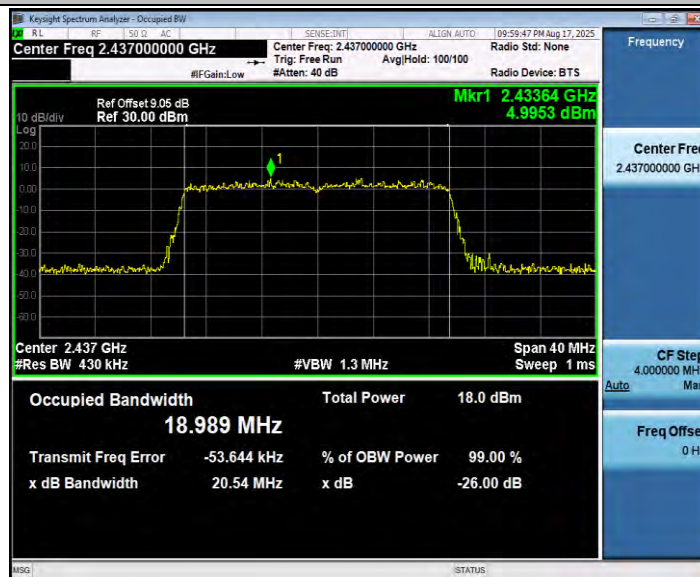
11N40SISO_Ant1_2422



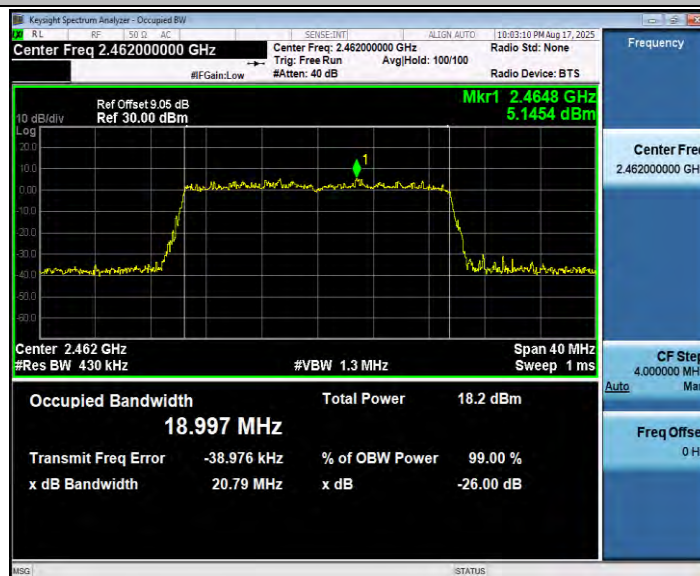




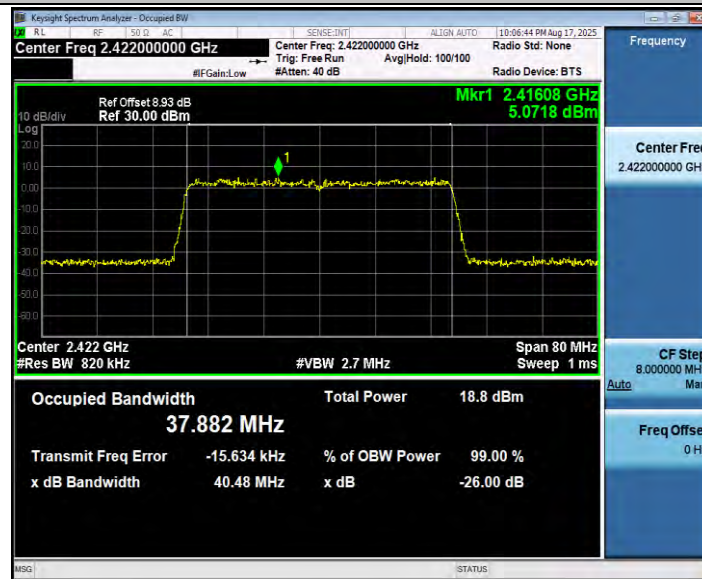
11AX20ISO_Ant1_2437



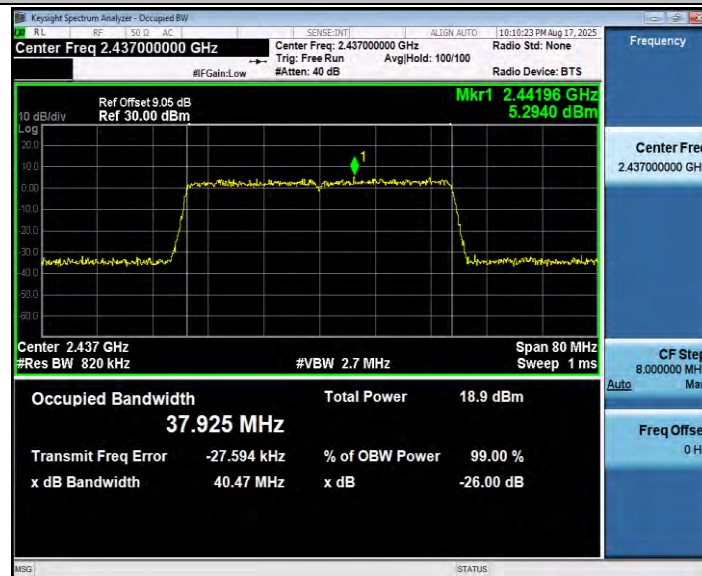
11AX20ISO_Ant1_2462



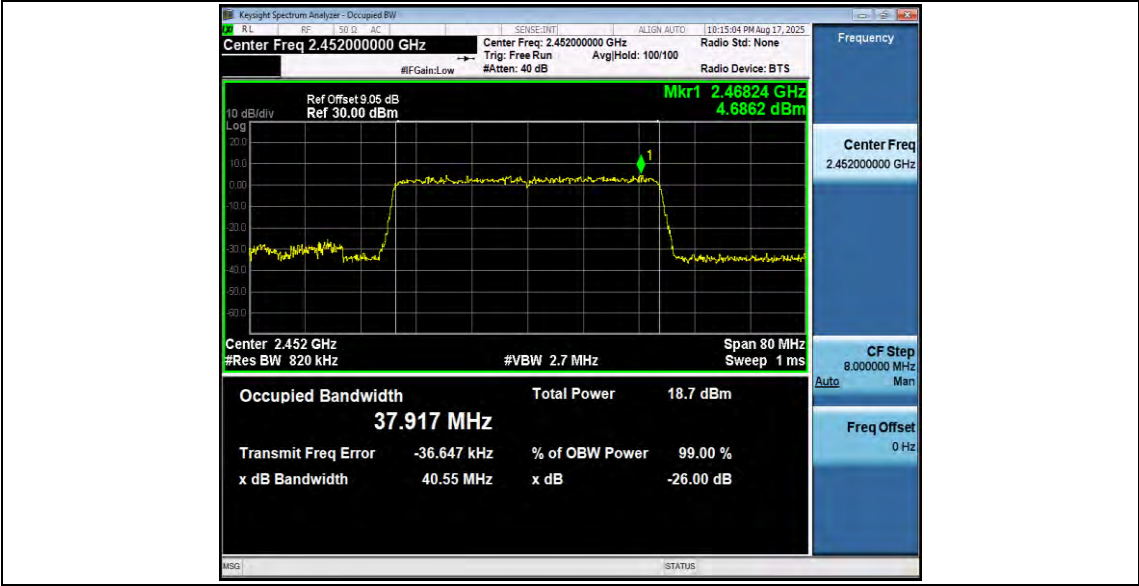
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixA.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	18.29	≤30.00	PASS
		2437	18.79	≤30.00	PASS
		2462	19.25	≤30.00	PASS
11G	Ant1	2412	17.28	≤30.00	PASS
		2437	17.91	≤30.00	PASS
		2462	18.20	≤30.00	PASS
11N20SISO	Ant1	2412	17.71	≤30.00	PASS
		2437	18.18	≤30.00	PASS
		2462	18.40	≤30.00	PASS
11N40SISO	Ant1	2422	18.20	≤30.00	PASS
		2437	18.75	≤30.00	PASS
		2452	18.52	≤30.00	PASS
11AX20SISO	Ant1	2412	18.15	≤30.00	PASS
		2437	18.63	≤30.00	PASS
		2462	18.86	≤30.00	PASS
11AX40SISO	Ant1	2422	19.06	≤30.00	PASS
		2437	19.15	≤30.00	PASS
		2452	18.88	≤30.00	PASS

AppendixA.4: Maximum power spectral density

Test Result

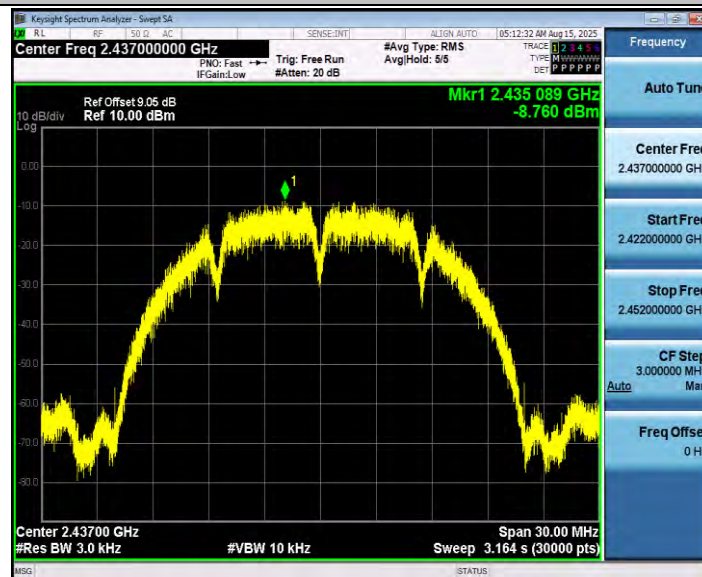
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.31	≤8.00	PASS
		2437	-8.76	≤8.00	PASS
		2462	-8.47	≤8.00	PASS
11G	Ant1	2412	-17.54	≤8.00	PASS
		2437	-16.97	≤8.00	PASS
		2462	-16.47	≤8.00	PASS
11N20SISO	Ant1	2412	-17.00	≤8.00	PASS
		2437	-16.26	≤8.00	PASS
		2462	-16.30	≤8.00	PASS
11N40SISO	Ant1	2422	-18.38	≤8.00	PASS
		2437	-17.15	≤8.00	PASS
		2452	-17.91	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.05	≤8.00	PASS
		2437	-15.96	≤8.00	PASS
		2462	-15.74	≤8.00	PASS
11AX40SISO	Ant1	2422	-18.47	≤8.00	PASS
		2437	-18.15	≤8.00	PASS
		2452	-18.31	≤8.00	PASS

Test Graphs

11B_Ant1_2412



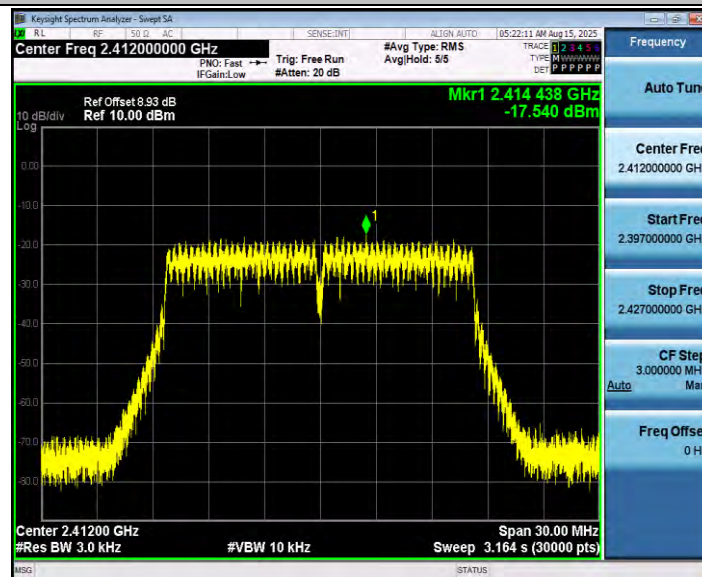
11B_Ant1_2437



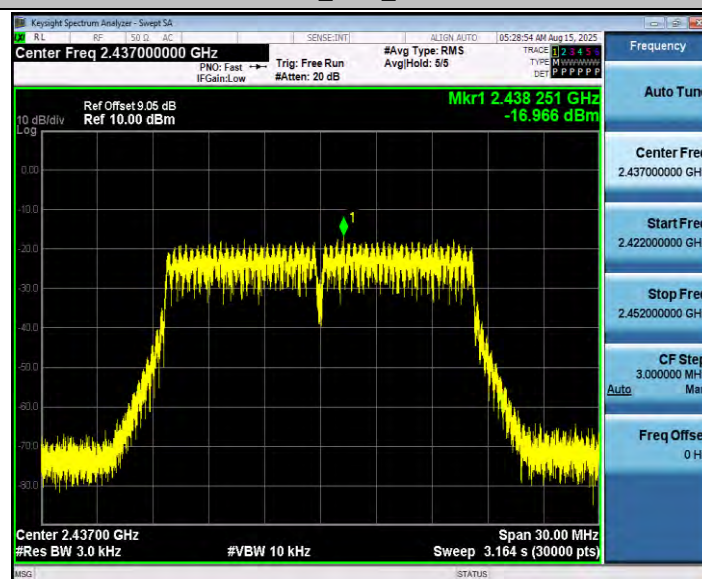
11B_Ant1_2462



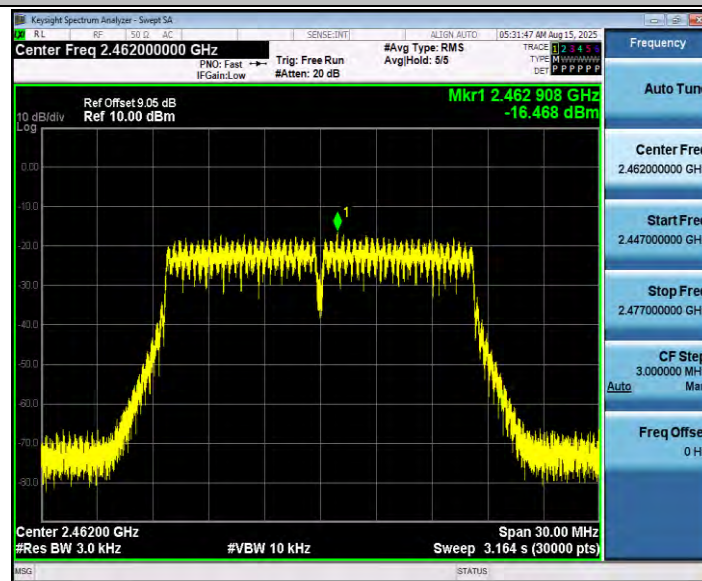
11G_Ant1_2412



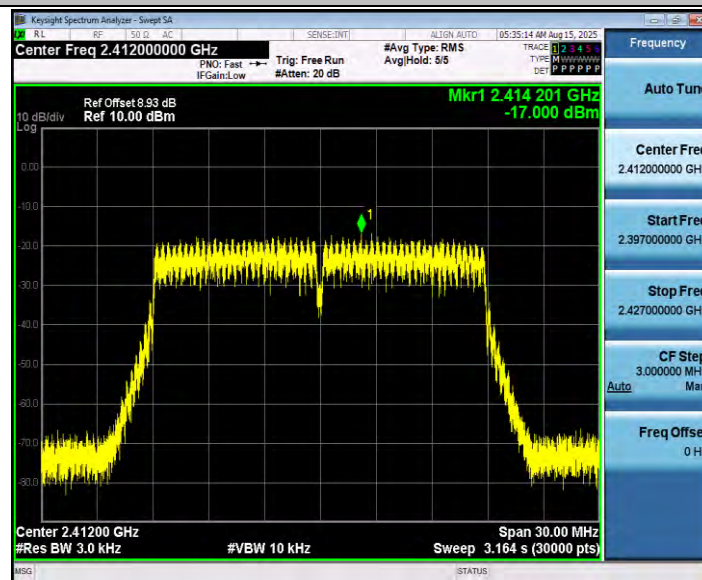
11G_Ant1_2437



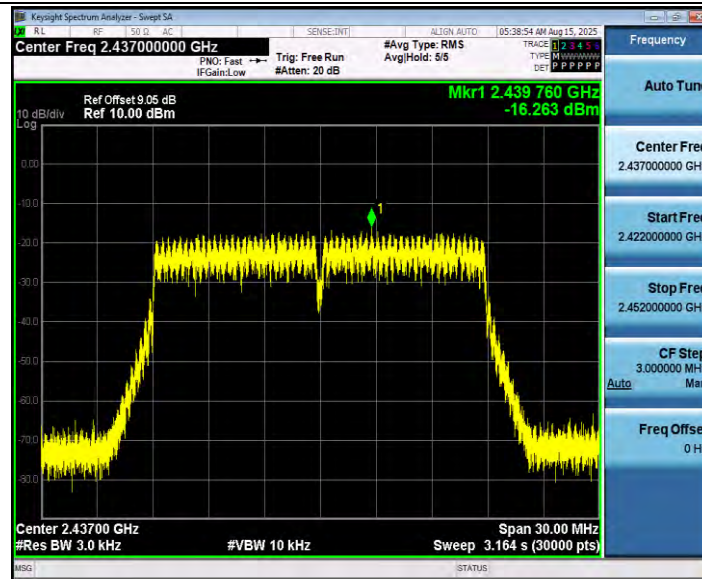
11G_Ant1_2462



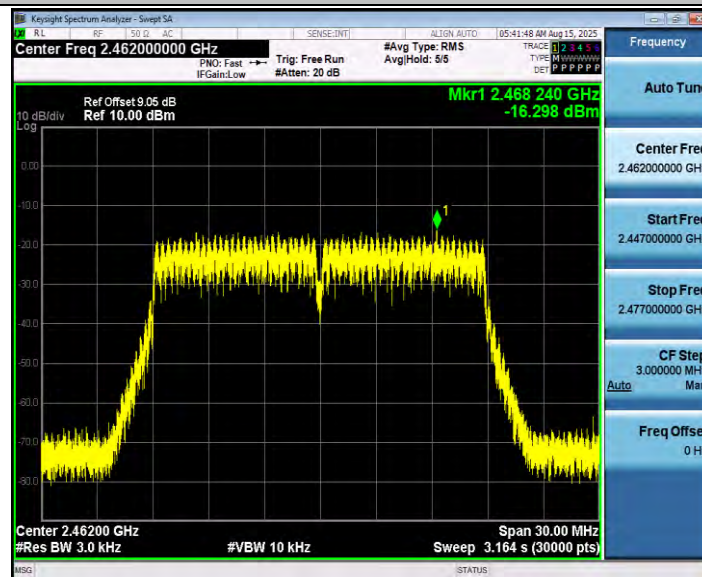
11N20SISO_Ant1_2412



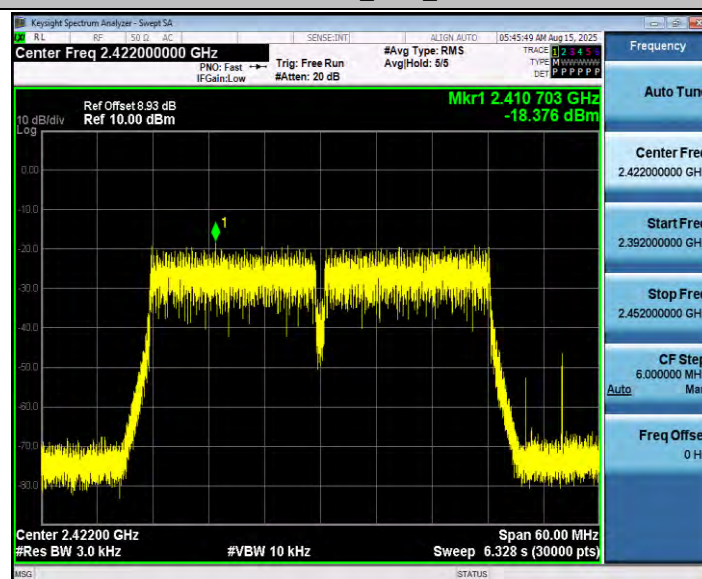
11N20SISO_Ant1_2437



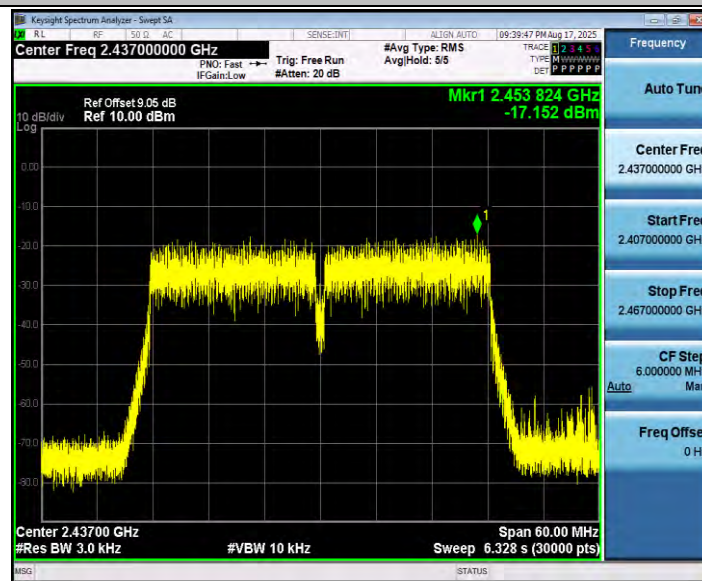
11N20SISO_Ant1_2462



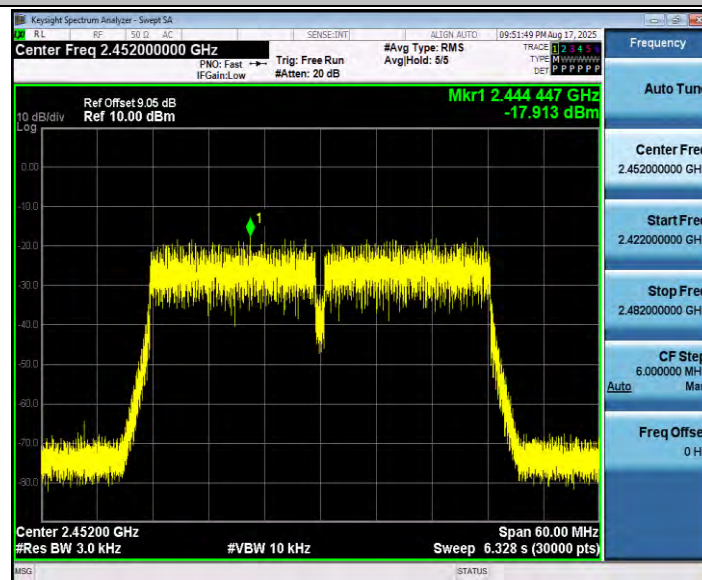
11N40SISO_Ant1_2422



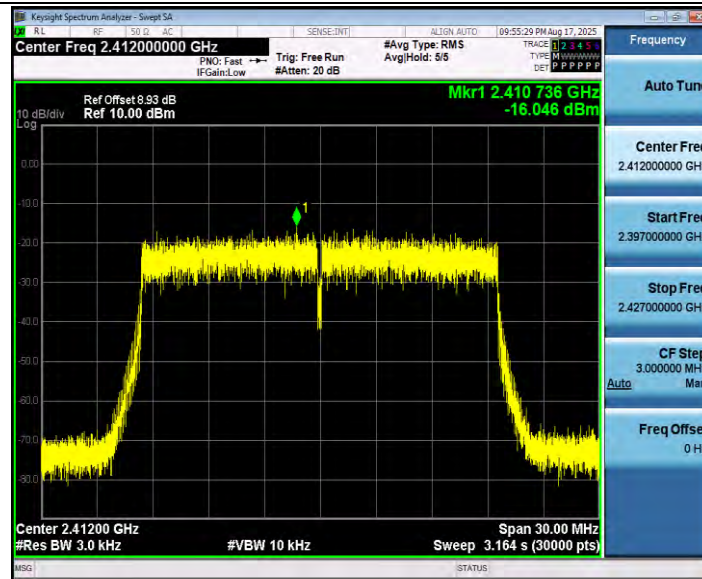
11N40SISO_Ant1_2437



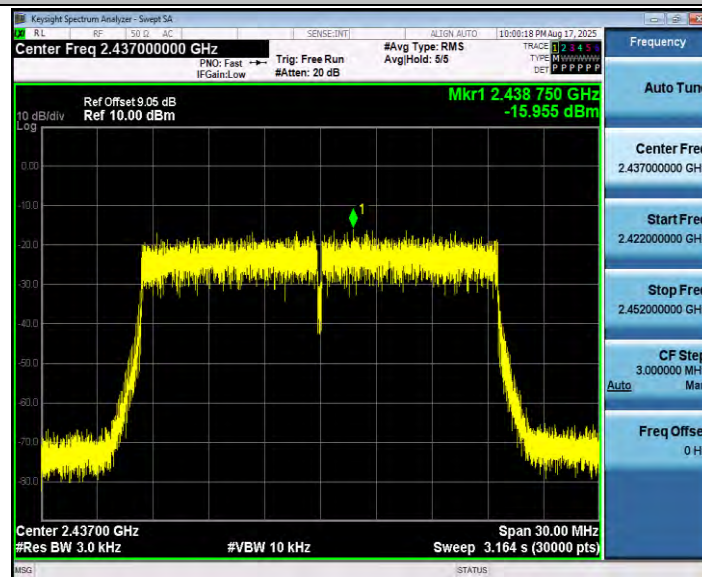
11N40SISO_Ant1_2452



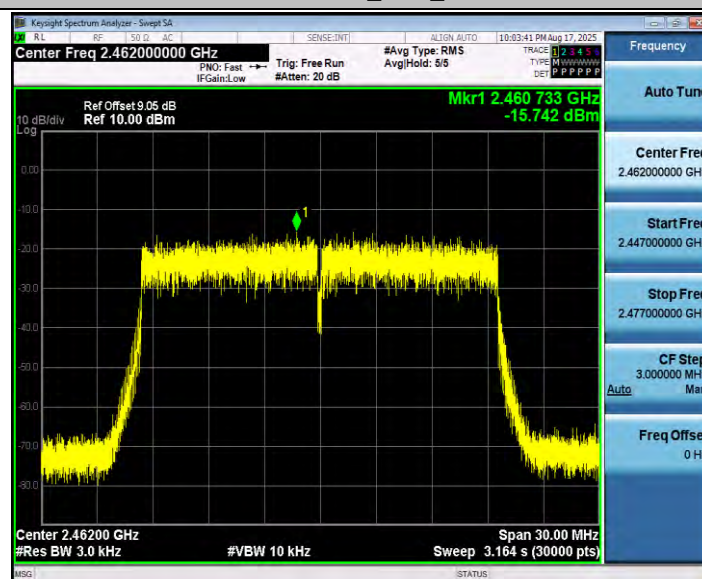
11AX20SISO_Ant1_2412



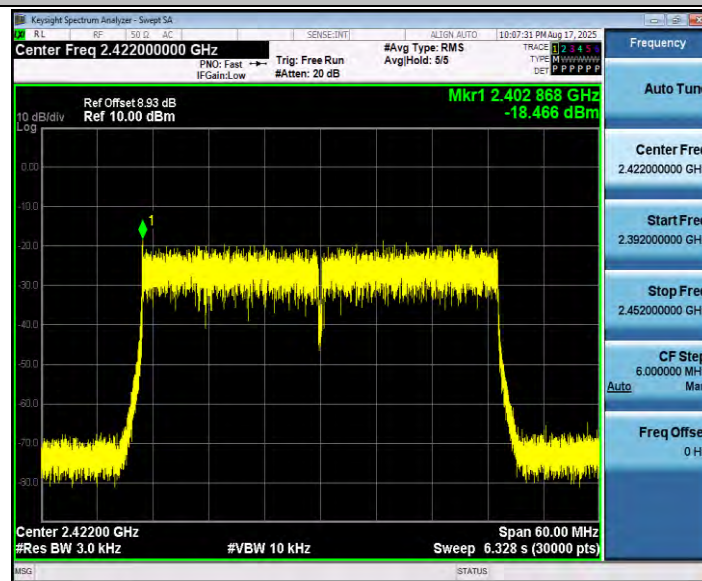
11AX20SISO_Ant1_2437



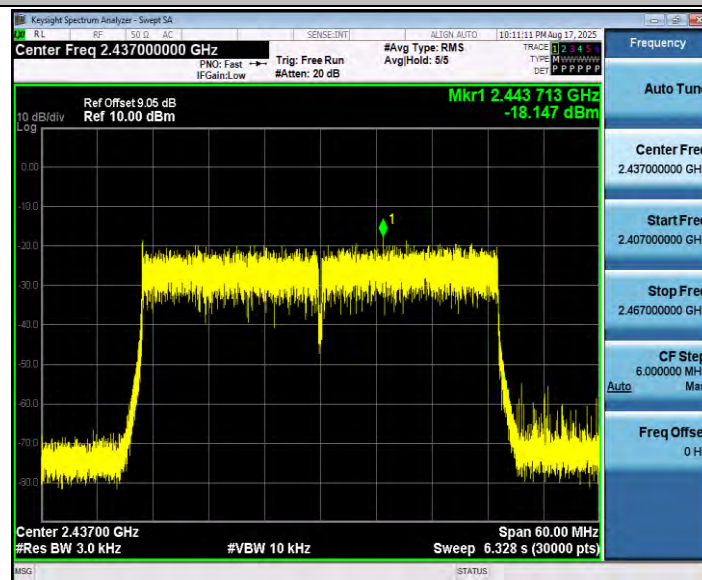
11AX20SISO_Ant1_2462



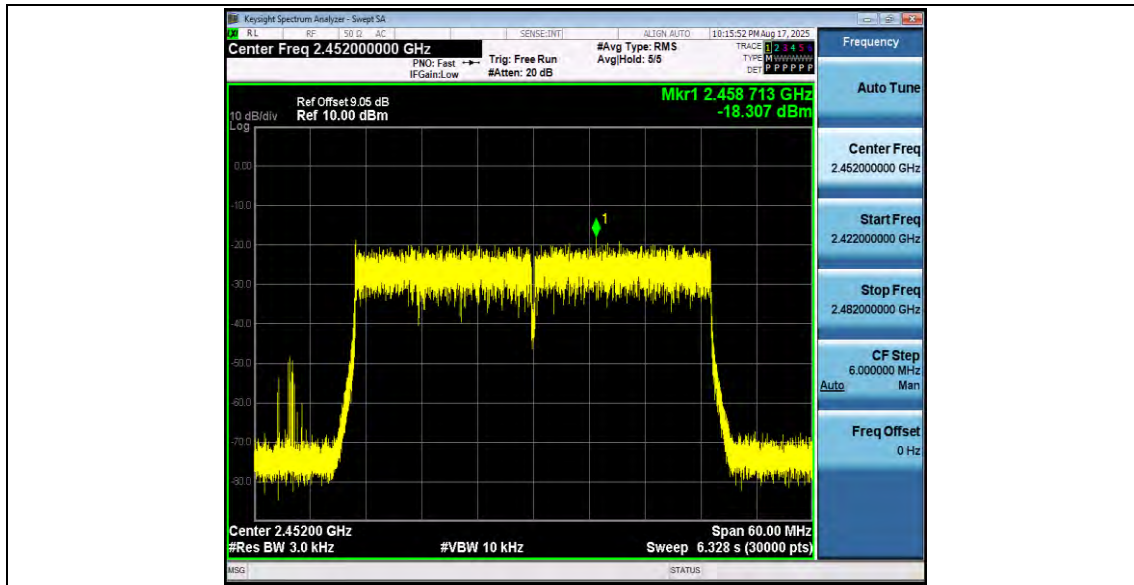
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

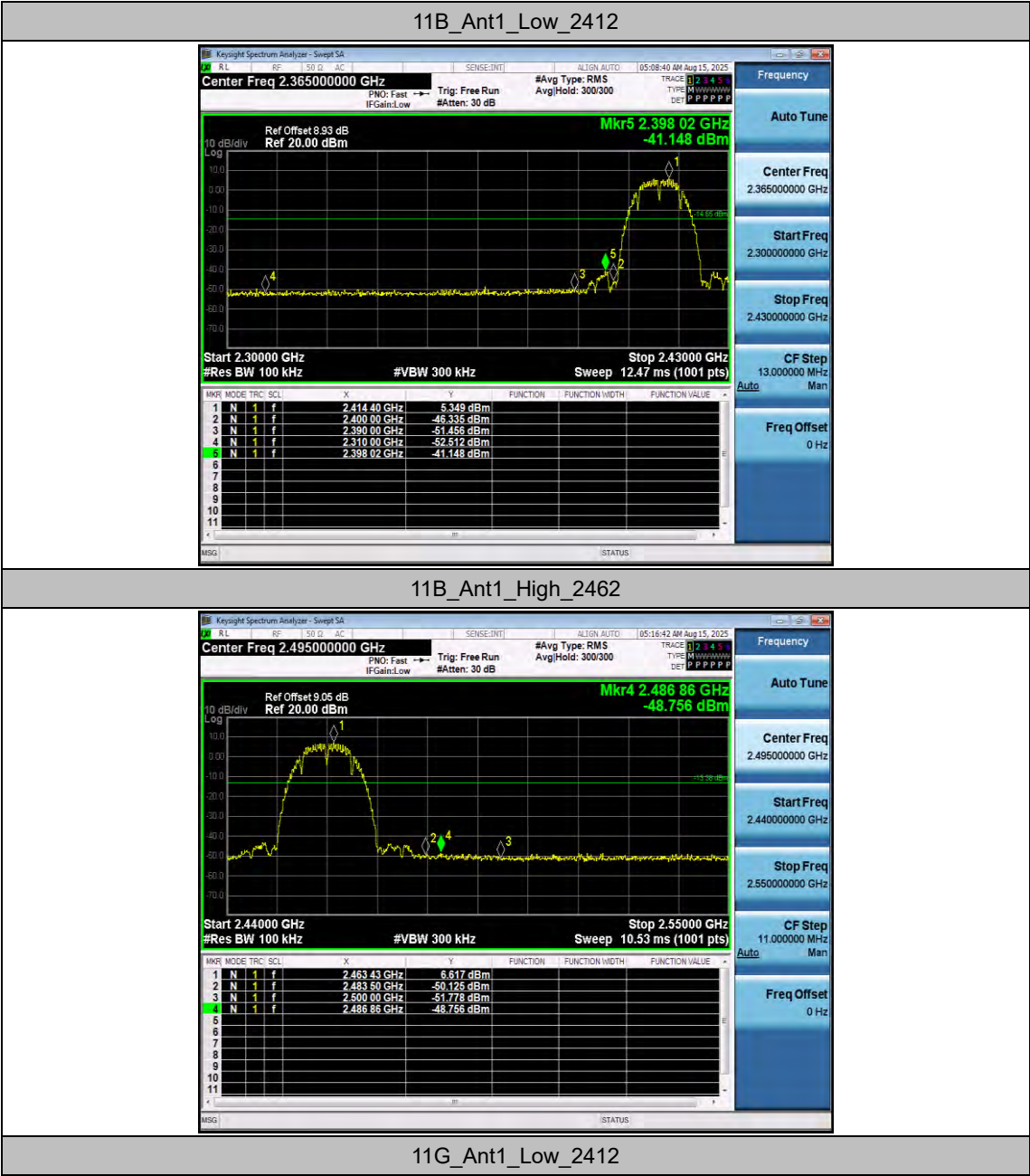


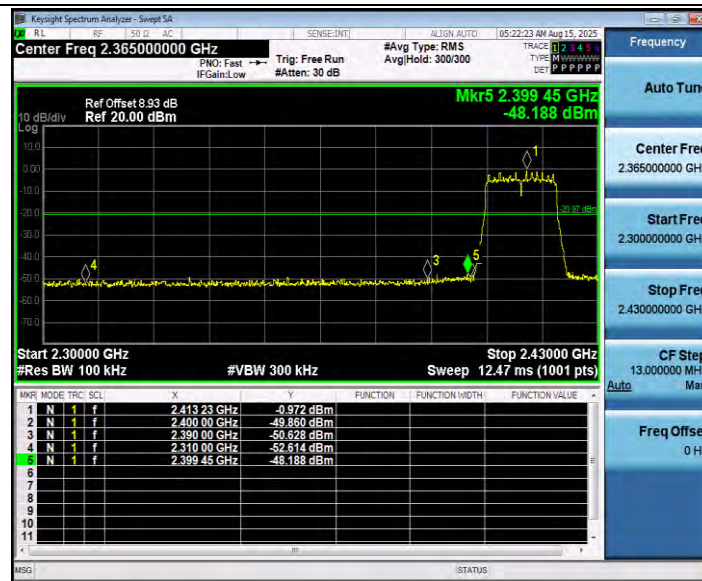
Appendix A.5: Band edge measurements

Test Result

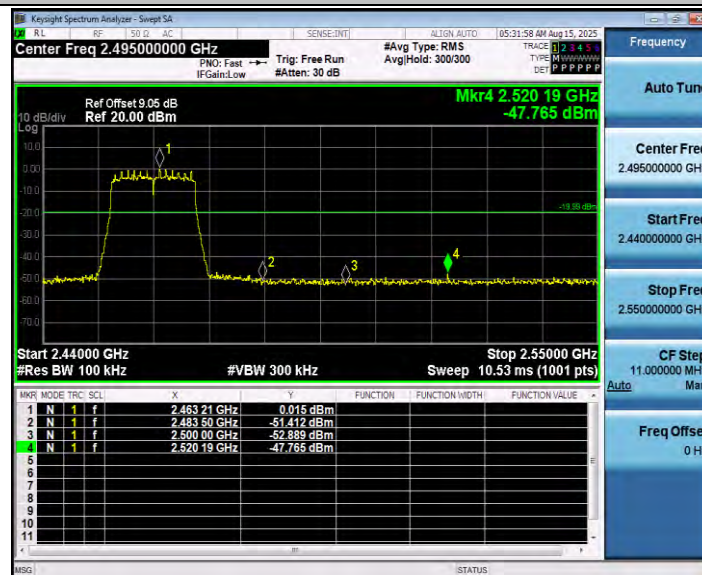
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.35	-41.15	≤ -14.65	PASS
		High	2462	6.62	-48.76	≤ -13.38	PASS
11G	Ant1	Low	2412	-0.97	-48.19	≤ -20.97	PASS
		High	2462	0.02	-47.77	≤ -19.99	PASS
11N20SISO	Ant1	Low	2412	-1.10	-47.39	≤ -21.1	PASS
		High	2462	-0.28	-41.39	≤ -20.28	PASS
11N40SISO	Ant1	Low	2422	-3.53	-41.91	≤ -23.53	PASS
		High	2452	-2.48	-47.32	≤ -22.48	PASS
11AX20SISO	Ant1	Low	2412	-1.32	-47.37	≤ -21.32	PASS
		High	2462	-0.37	-48.3	≤ -20.37	PASS
11AX40SISO	Ant1	Low	2422	-3.15	-47.5	≤ -23.15	PASS
		High	2452	-2.92	-47.69	≤ -22.92	PASS

Test Graphs

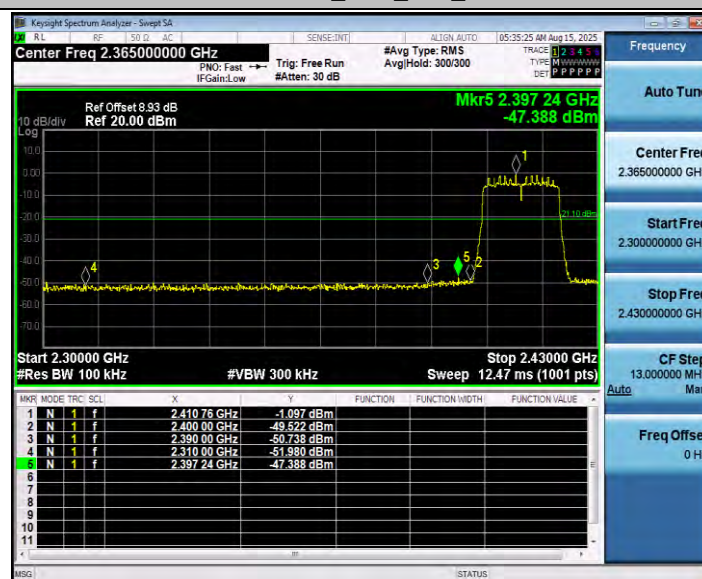




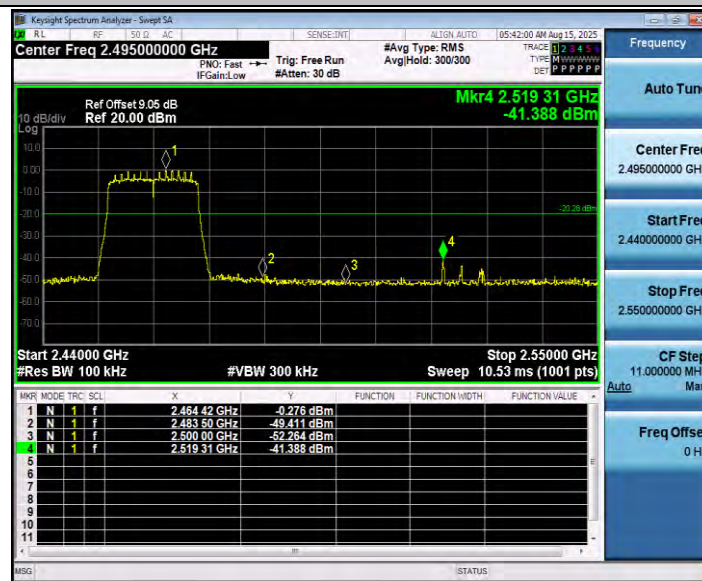
11G_Ant1_High_2462



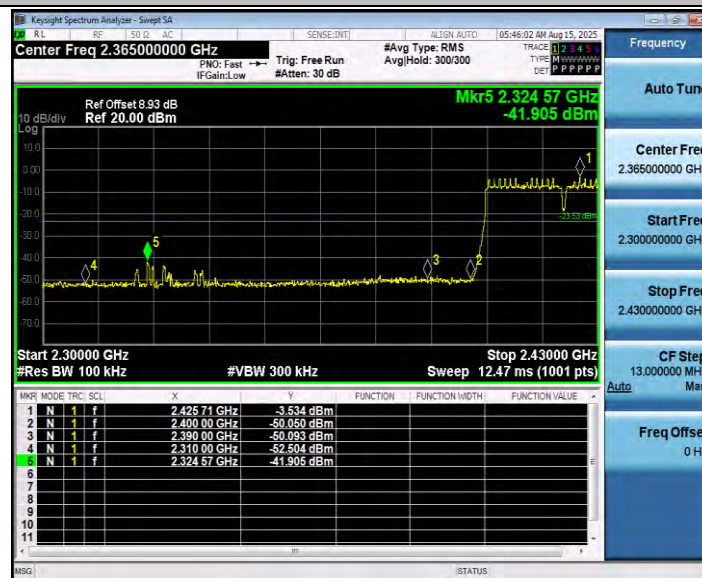
11N20SISO_Ant1_Low_2412



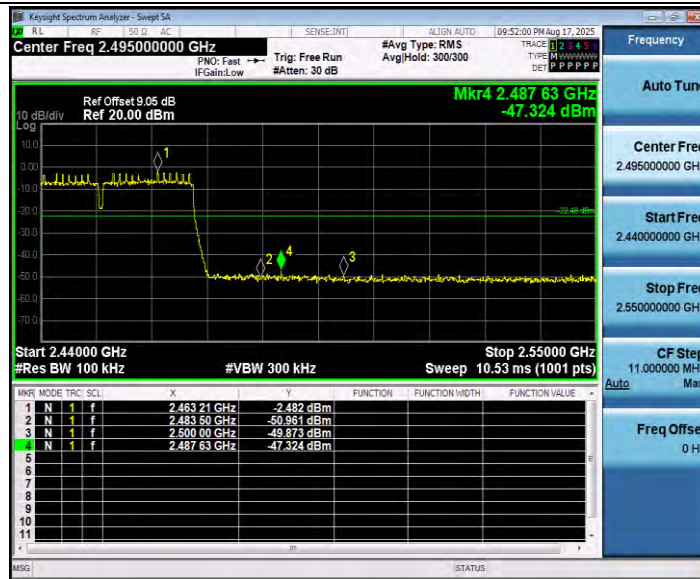
11N20SISO_Ant1_High_2462



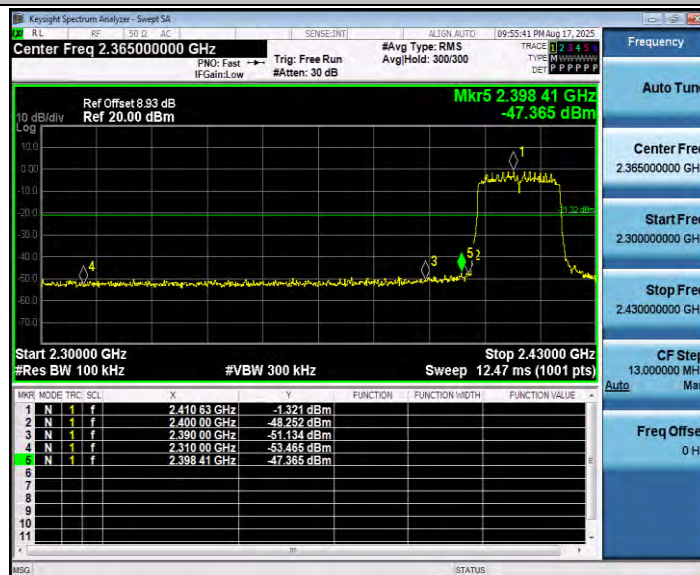
11N40SISO_Ant1_Low_2422



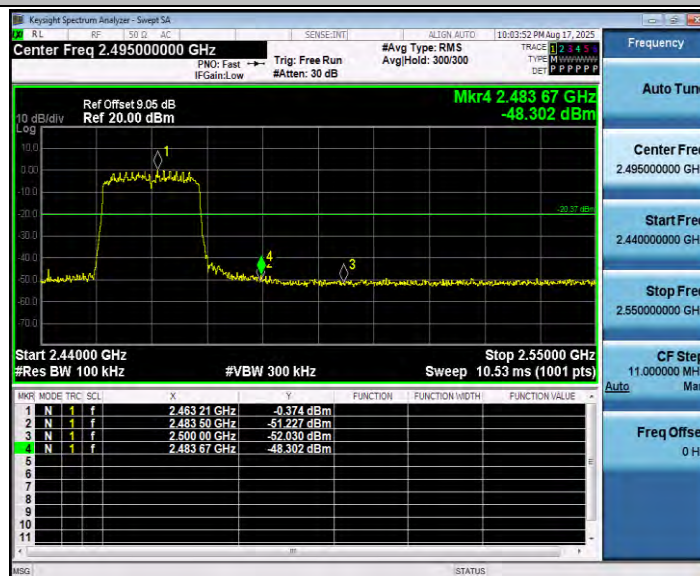
11N40SISO_Ant1_High_2452



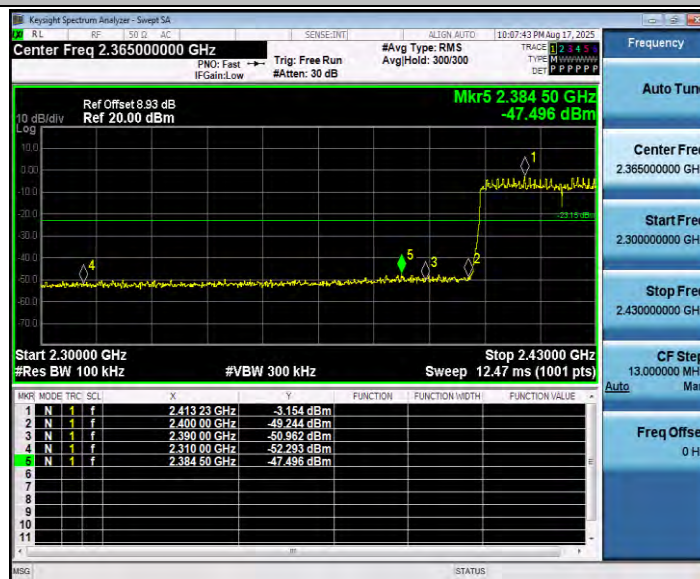
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

