

Case No. : <u>GTS20250626004-3-03</u>	
Ambient Condition: <u>24</u> °C, <u>56</u> %RH,	
Test Date: <u>2025.7.3-2025.9.3</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	Ant2	2412	9.040	2407.480	2416.520	0.5	PASS
		2437	9.320	2432.440	2441.760	0.5	PASS
		2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant2	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant2	2412	17.240	2403.240	2420.480	0.5	PASS
		2437	17.160	2428.240	2445.400	0.5	PASS
		2462	16.640	2453.480	2470.120	0.5	PASS
11N40SISO	Ant2	2422	36.320	2403.840	2440.160	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.200	2434.400	2469.600	0.5	PASS
11AX20SISO	Ant2	2412	18.560	2402.680	2421.240	0.5	PASS
		2437	18.640	2427.600	2446.240	0.5	PASS
		2462	17.760	2452.680	2470.440	0.5	PASS
11AX40SISO	Ant2	2422	37.360	2403.040	2440.400	0.5	PASS
		2437	37.040	2418.200	2455.240	0.5	PASS
		2452	36.400	2433.200	2469.600	0.5	PASS

Test Graphs

11B_Ant2_2412



11B_Ant2_2437



11B_Ant2_2462



11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



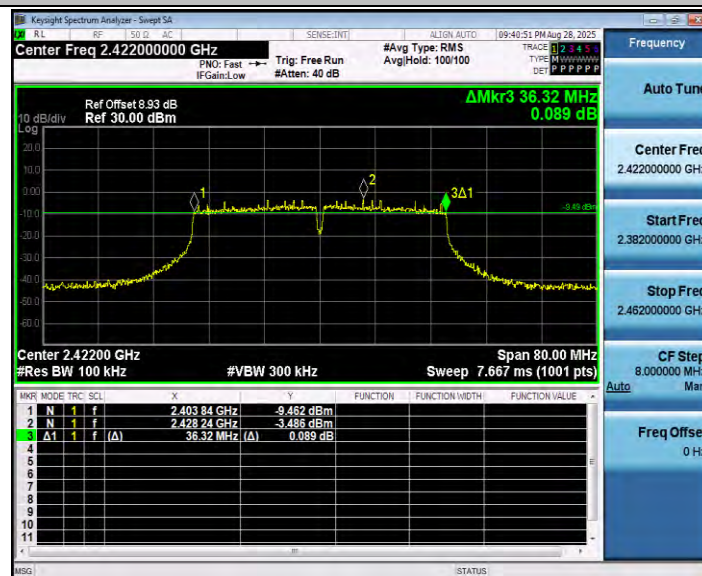
11N20SISO_Ant2_2437



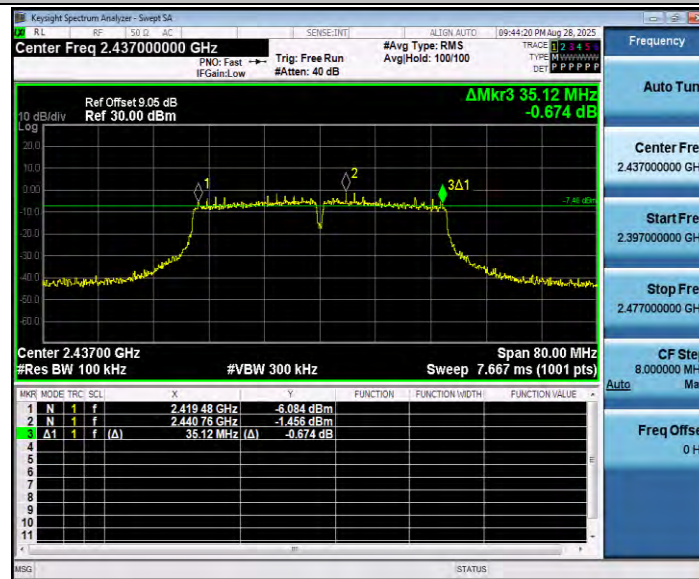
11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



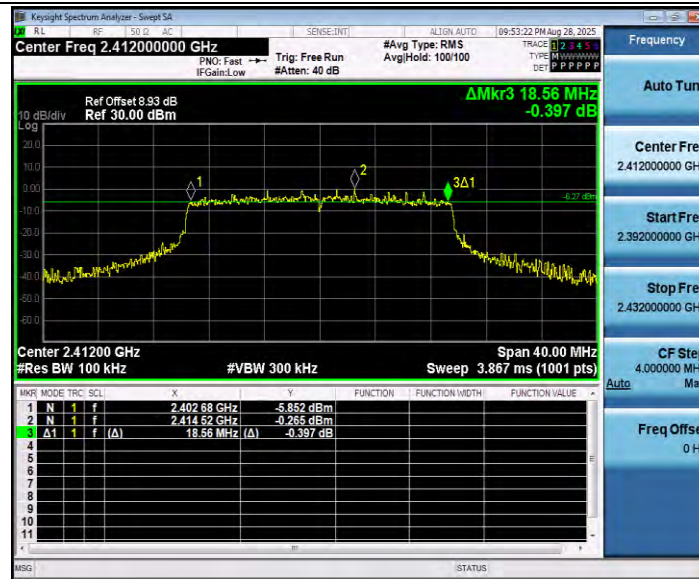
11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



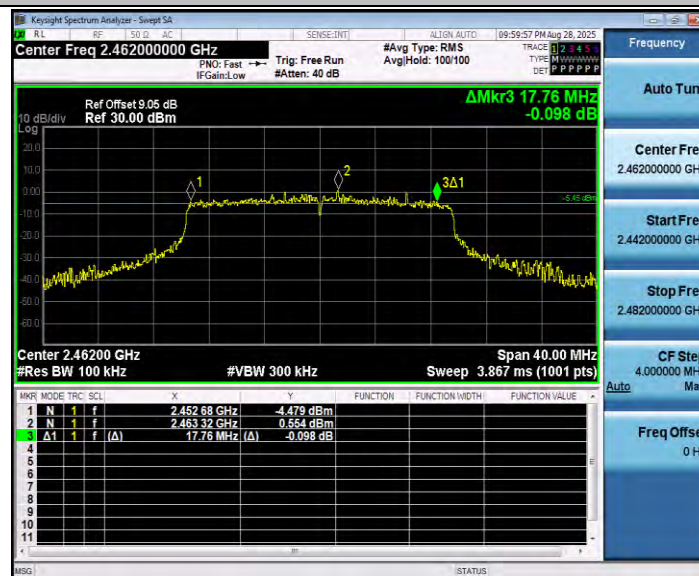
11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



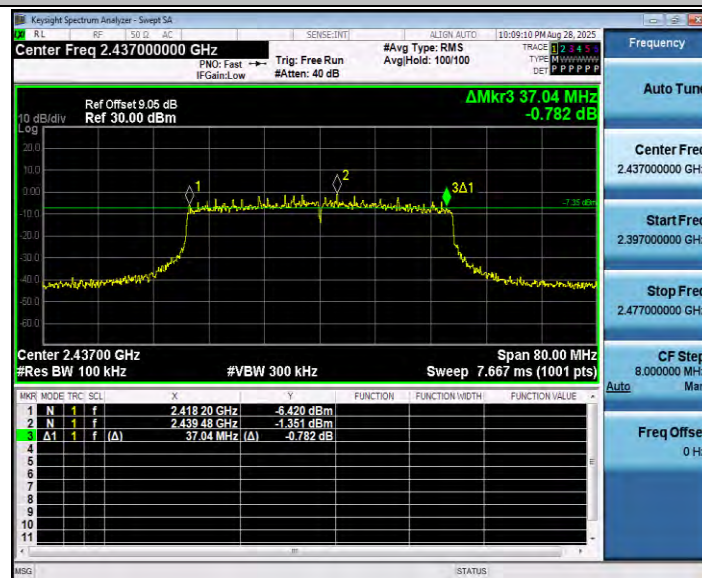
11AX20SISO_Ant2_2462



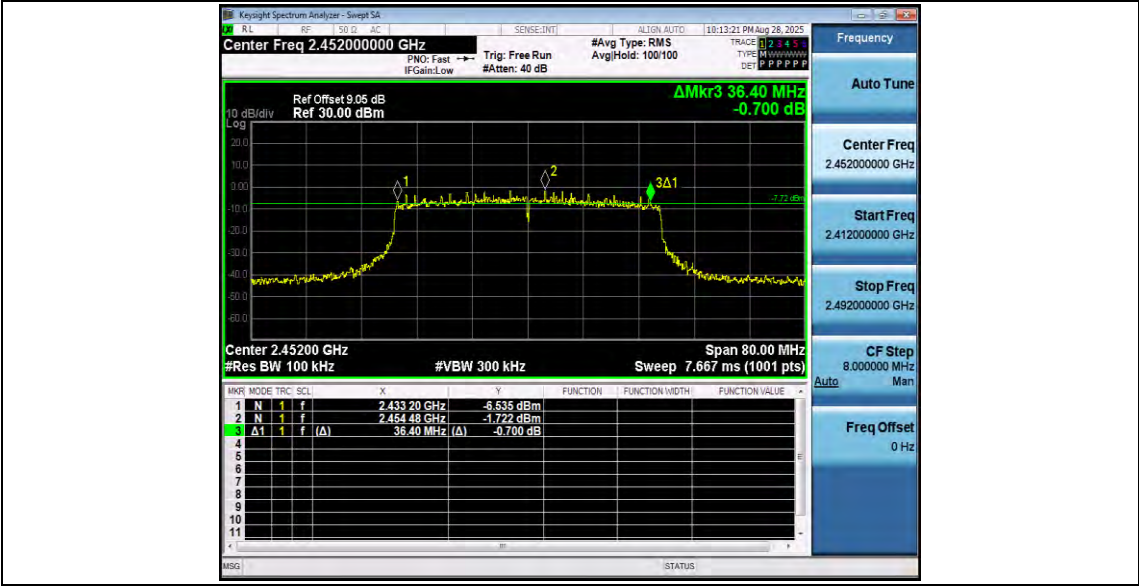
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452

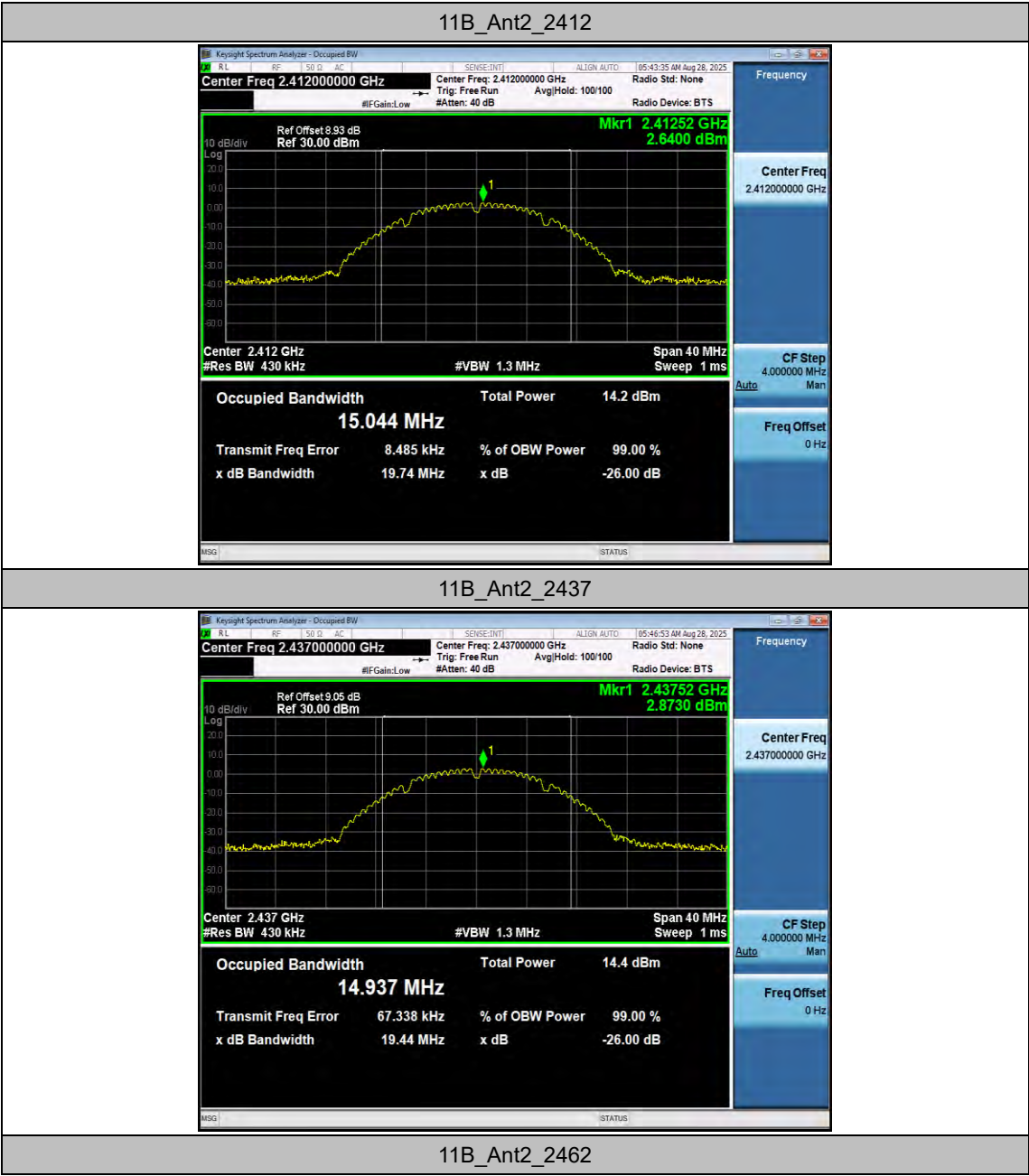


Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	15.044	2404.4865	2419.5305	---	---
		2437	14.937	2429.5988	2444.5358	---	---
		2462	14.963	2454.5303	2469.4933	---	---
11G	Ant2	2412	17.474	2403.1685	2420.6425	---	---
		2437	17.310	2428.3153	2445.6253	---	---
		2462	17.263	2453.3042	2470.5672	---	---
11N20SISO	Ant2	2412	18.510	2402.6806	2421.1906	---	---
		2437	18.370	2427.7944	2446.1644	---	---
		2462	18.433	2452.7391	2471.1721	---	---
11N40SISO	Ant2	2422	36.853	2403.5841	2440.4371	---	---
		2437	36.727	2418.6340	2455.3610	---	---
		2452	36.716	2433.6240	2470.3400	---	---
11AX20SISO	Ant2	2412	19.212	2402.3906	2421.6026	---	---
		2437	19.192	2427.4323	2446.6243	---	---
		2462	19.222	2452.3863	2471.6083	---	---
11AX40SISO	Ant2	2422	38.040	2402.9852	2441.0252	---	---
		2437	37.953	2418.0488	2456.0018	---	---
		2452	37.956	2433.0017	2470.9577	---	---

Test Graphs





11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



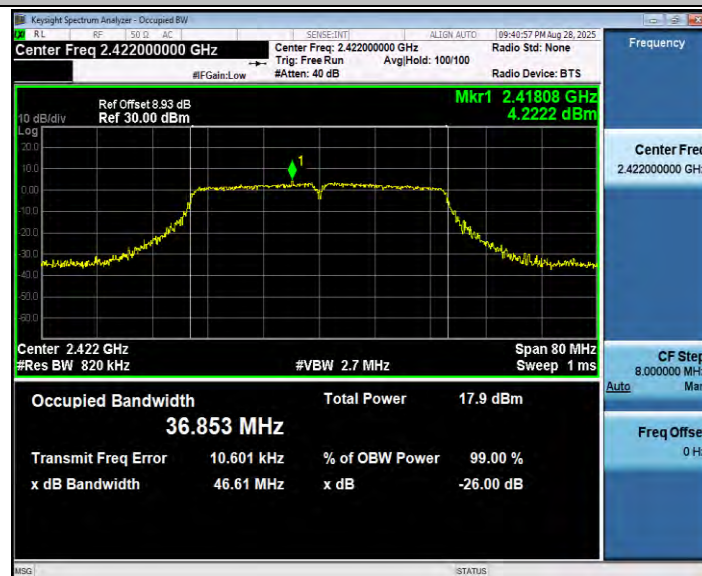
11N20SISO_Ant2_2437



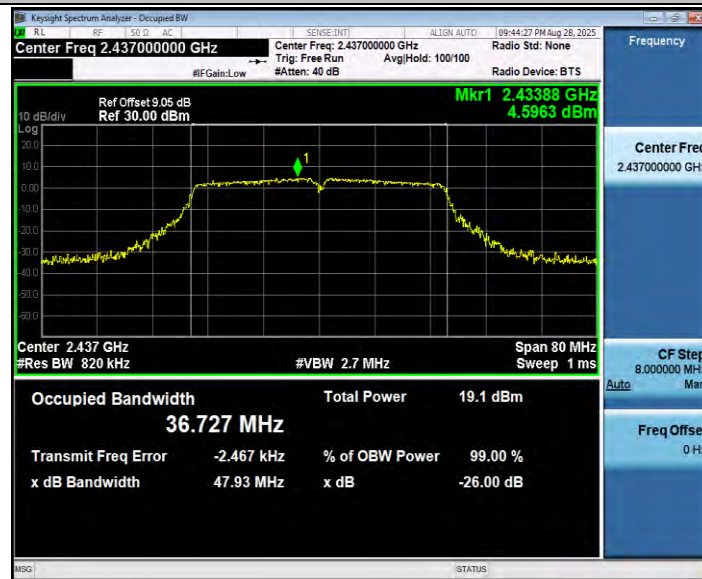
11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



11AX20SISO_Ant2_2412

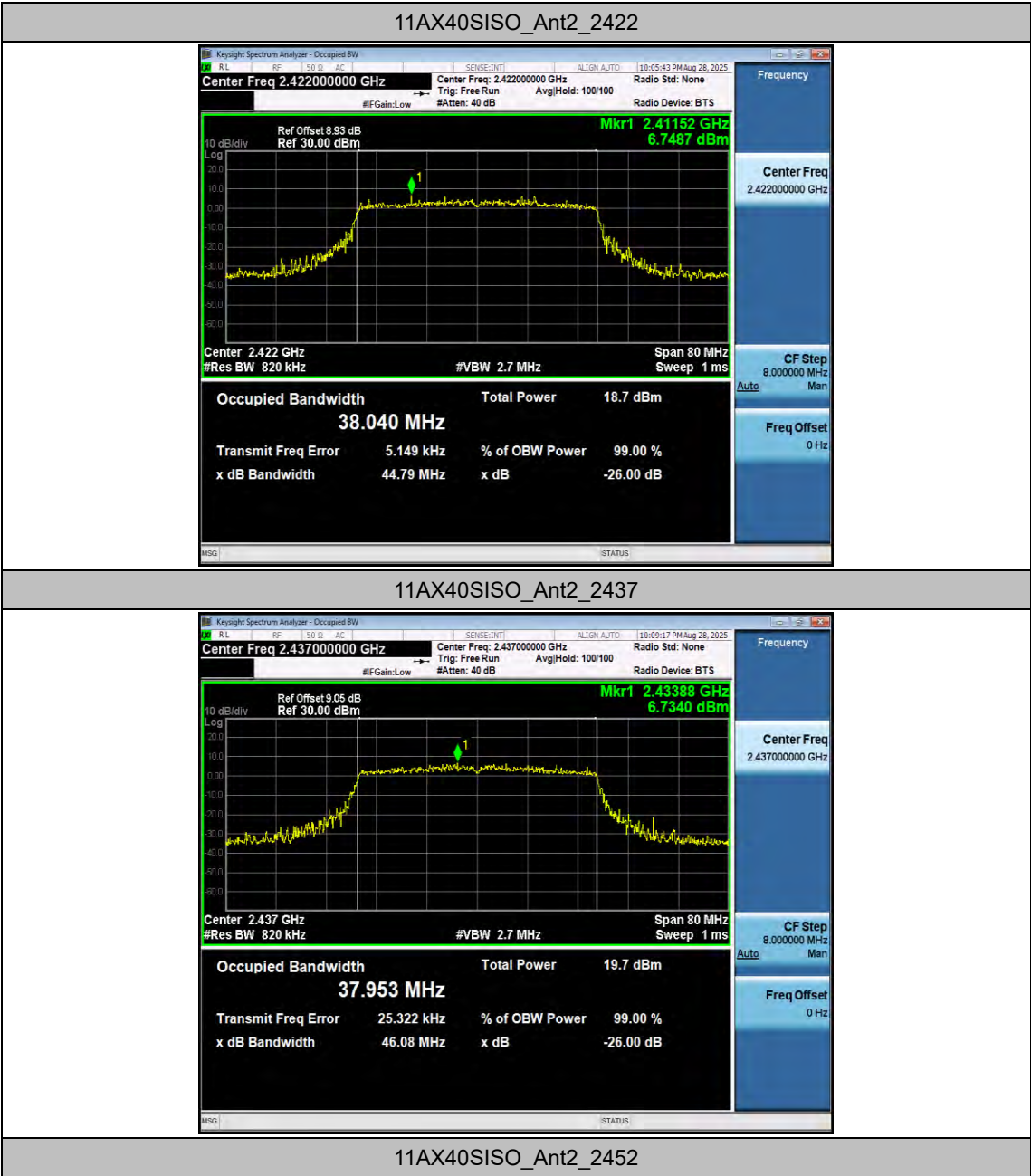


11AX20SISO_Ant2_2437



11AX20SISO_Ant2_2462







Appendix C.3: Maximum conducted output power

Test Result -CHP

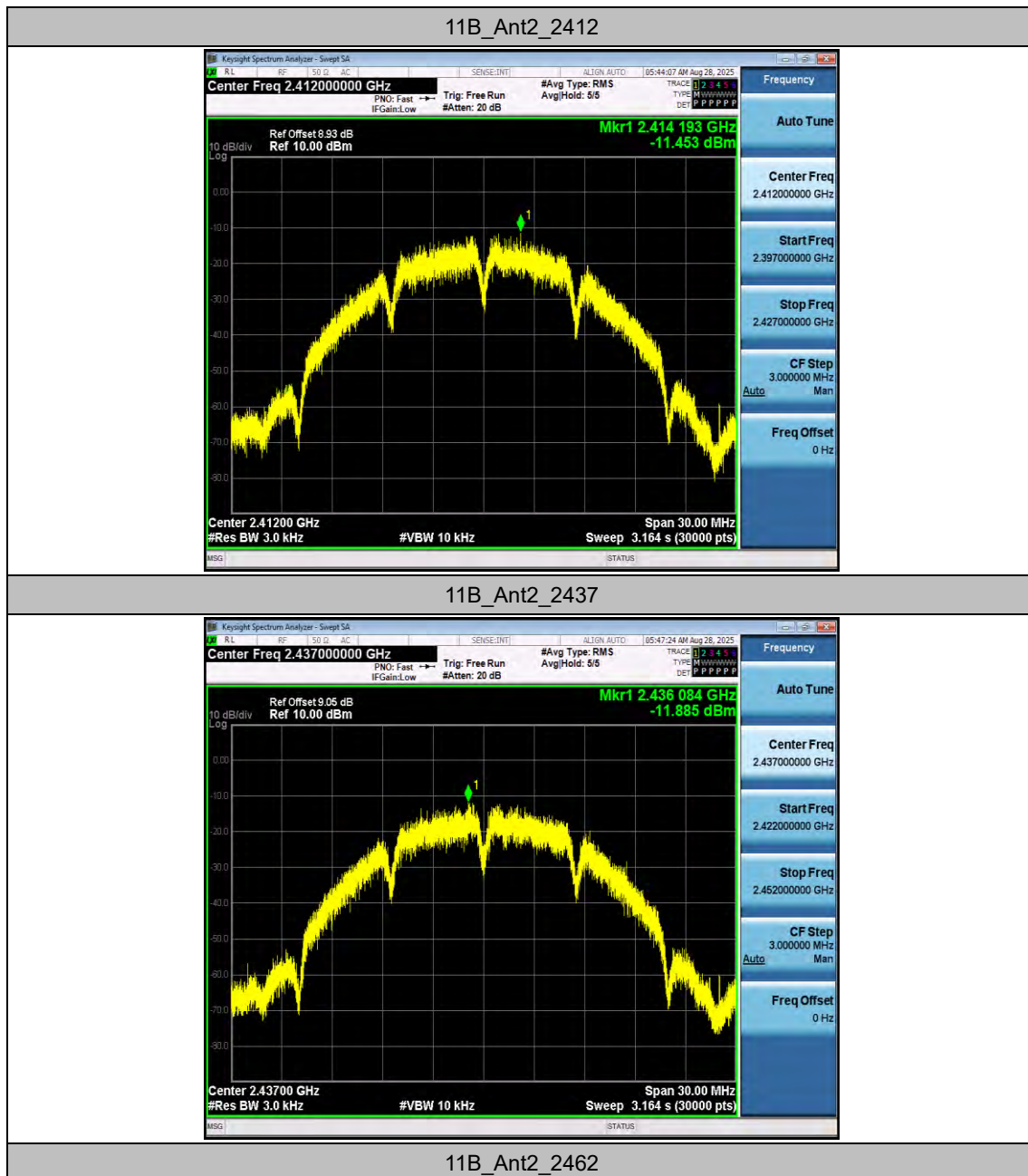
Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	14.28	≤30.00	PASS
		2437	14.45	≤30.00	PASS
		2462	13.88	≤30.00	PASS
11G	Ant2	2412	18.05	≤30.00	PASS
		2437	19.64	≤30.00	PASS
		2462	19.02	≤30.00	PASS
11N20SISO	Ant2	2412	18.23	≤30.00	PASS
		2437	19.54	≤30.00	PASS
		2462	18.92	≤30.00	PASS
11N40SISO	Ant2	2422	18.23	≤30.00	PASS
		2437	19.47	≤30.00	PASS
		2452	19.19	≤30.00	PASS
11AX20SISO	Ant2	2412	18.84	≤30.00	PASS
		2437	20.12	≤30.00	PASS
		2462	19.48	≤30.00	PASS
11AX40SISO	Ant2	2422	18.75	≤30.00	PASS
		2437	19.95	≤30.00	PASS
		2452	19.69	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

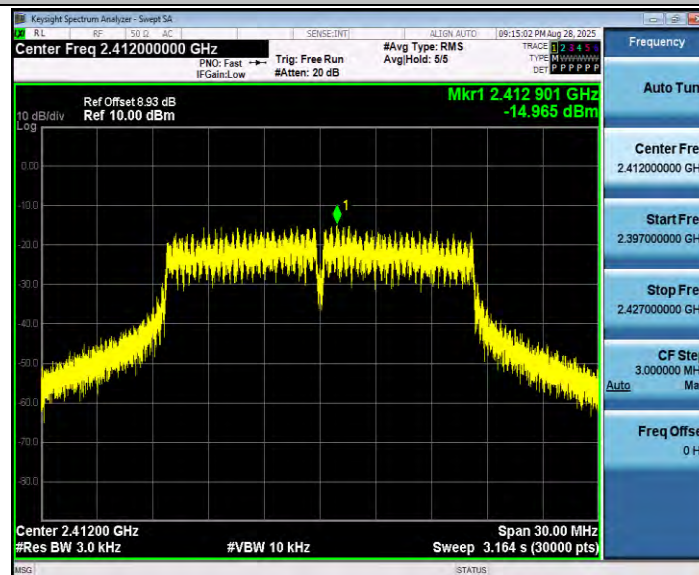
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-11.45	≤8.00	PASS
		2437	-11.89	≤8.00	PASS
		2462	-12.45	≤8.00	PASS
11G	Ant2	2412	-14.97	≤8.00	PASS
		2437	-12.71	≤8.00	PASS
		2462	-12.78	≤8.00	PASS
11N20SISO	Ant2	2412	-14.49	≤8.00	PASS
		2437	-12.69	≤8.00	PASS
		2462	-13.61	≤8.00	PASS
11N40SISO	Ant2	2422	-15.80	≤8.00	PASS
		2437	-15.46	≤8.00	PASS
		2452	-15.26	≤8.00	PASS
11AX20SISO	Ant2	2412	-15.21	≤8.00	PASS
		2437	-14.27	≤8.00	PASS
		2462	-14.64	≤8.00	PASS
11AX40SISO	Ant2	2422	-17.38	≤8.00	PASS
		2437	-15.54	≤8.00	PASS
		2452	-16.84	≤8.00	PASS

Test Graphs

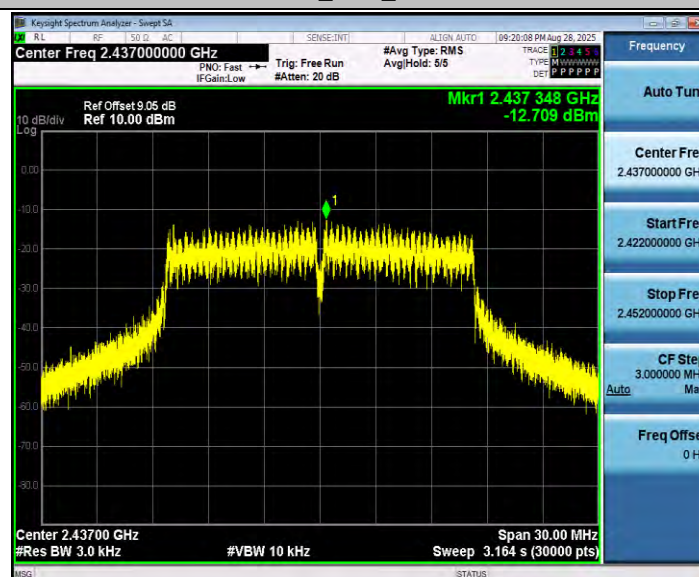




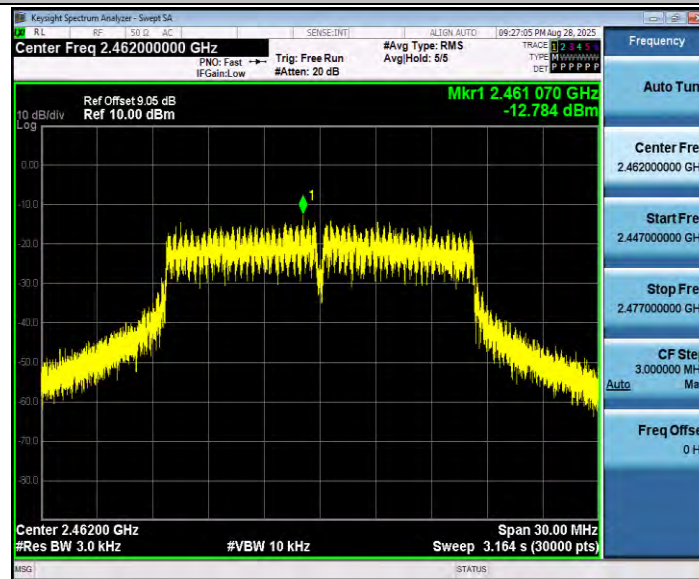
11G_Ant2_2412



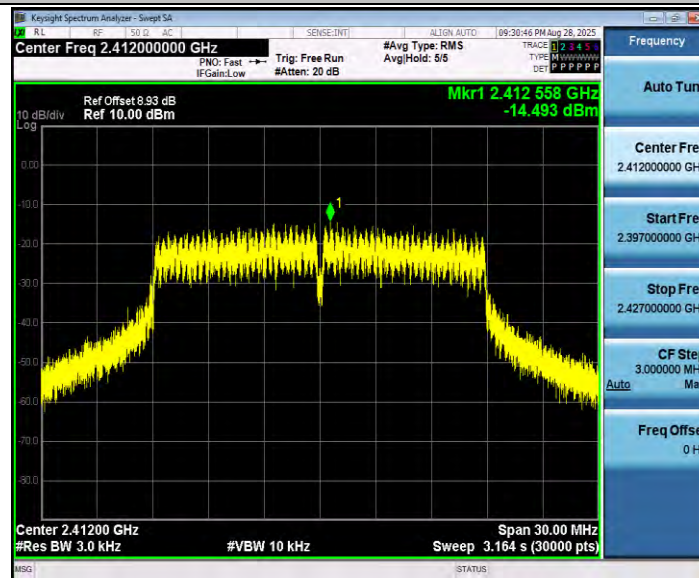
11G_Ant2_2437



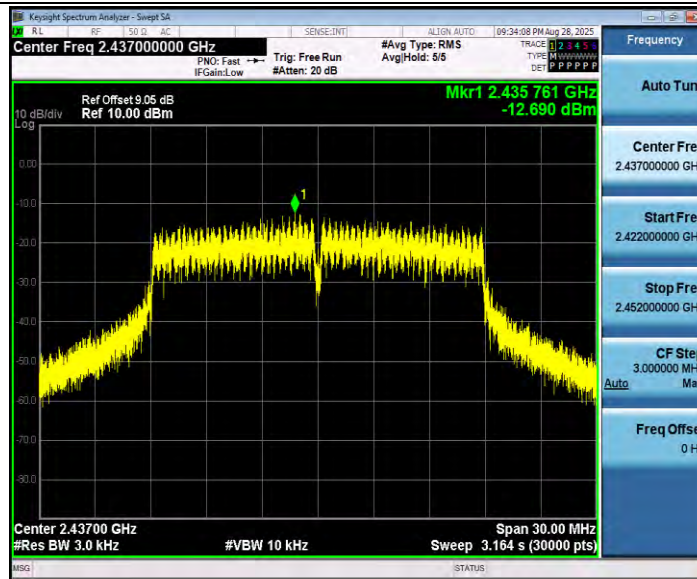
11G_Ant2_2462



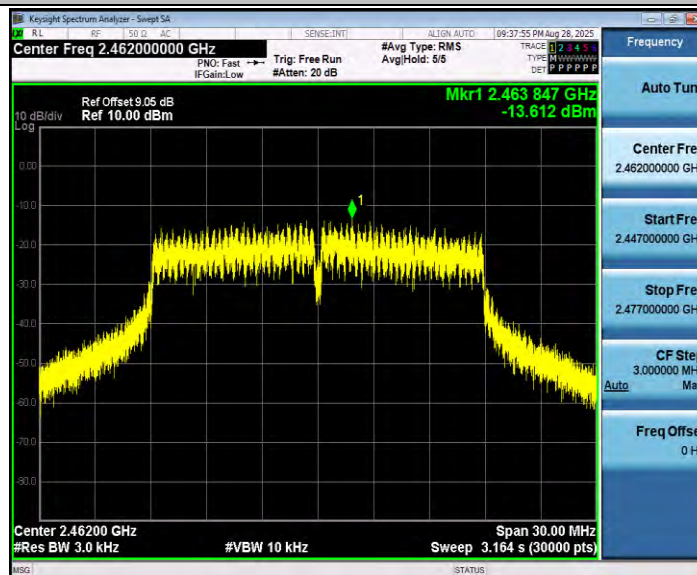
11N20SISO_Ant2_2412



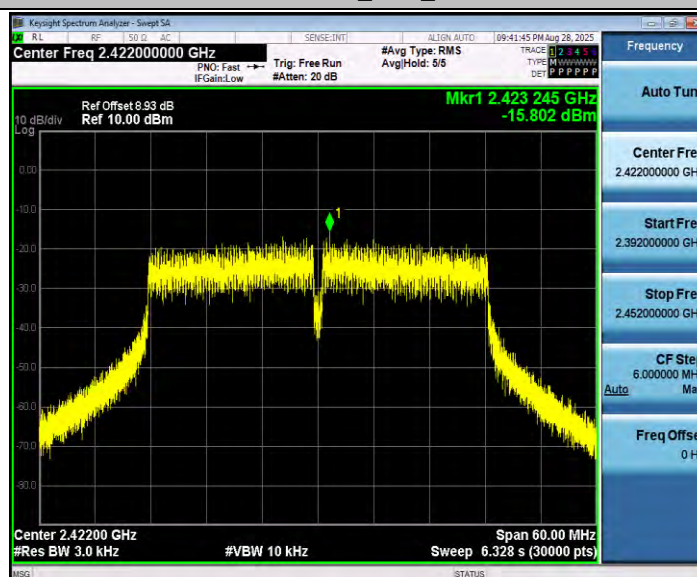
11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



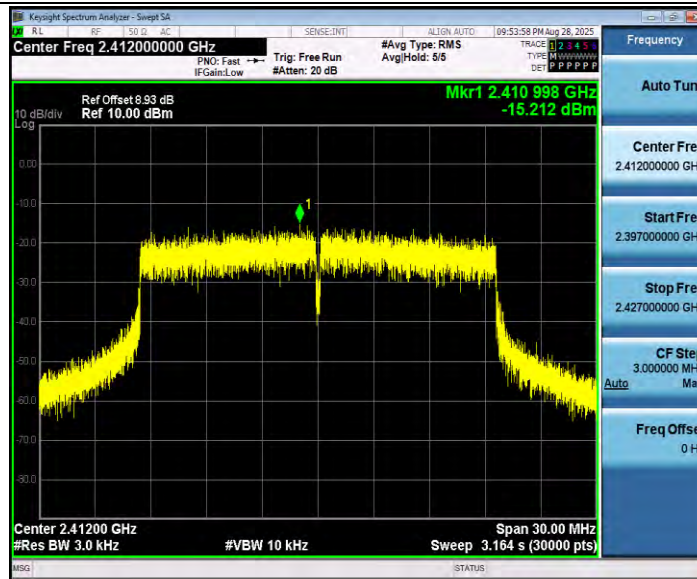
11N40SISO_Ant2_2437



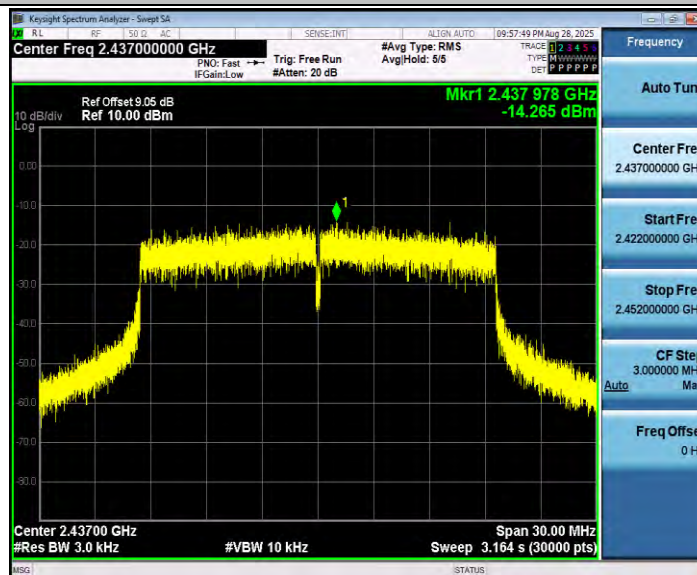
11N40SISO_Ant2_2452



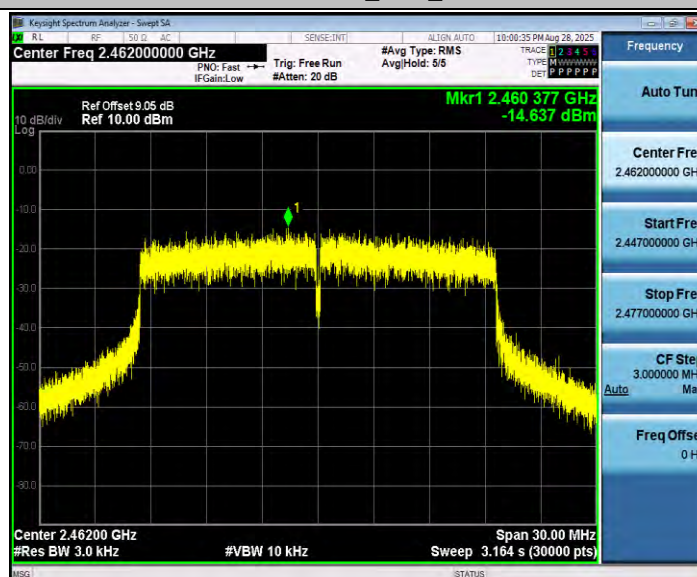
11AX20SISO_Ant2_2412



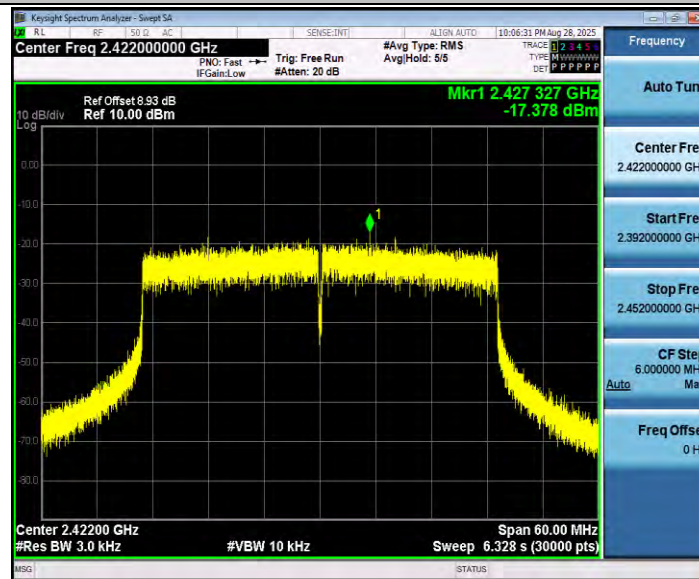
11AX20ISO_Ant2_2437



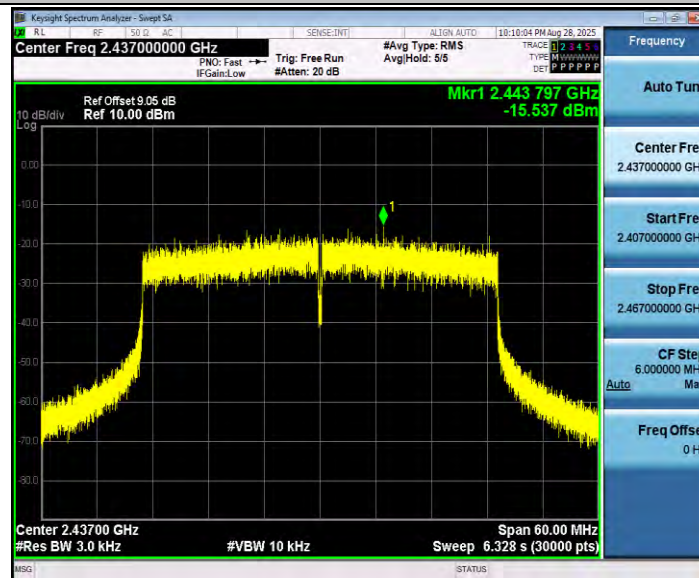
11AX20ISO_Ant2_2462



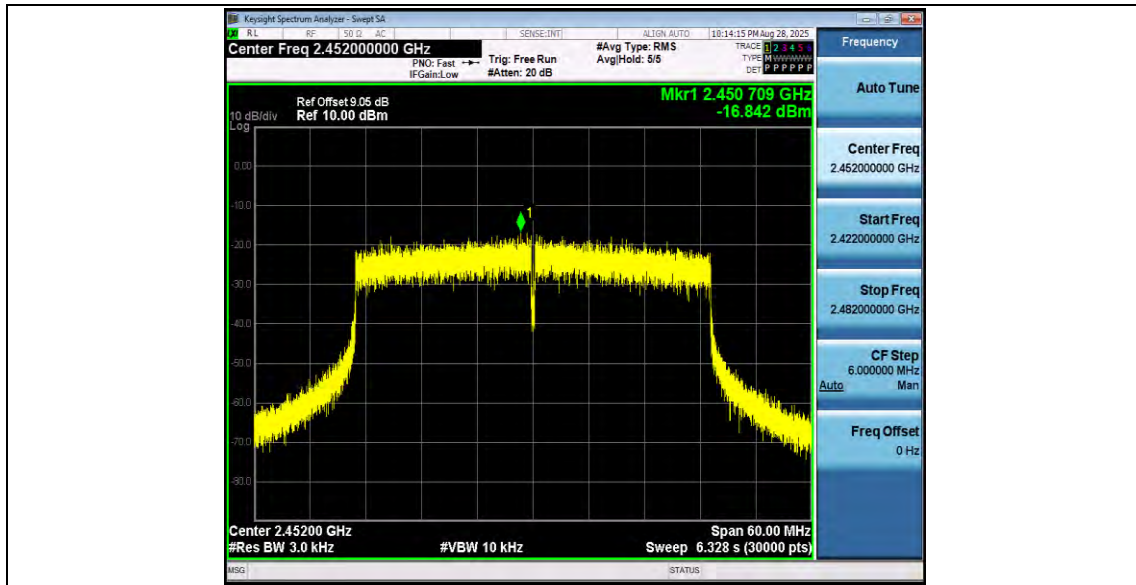
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



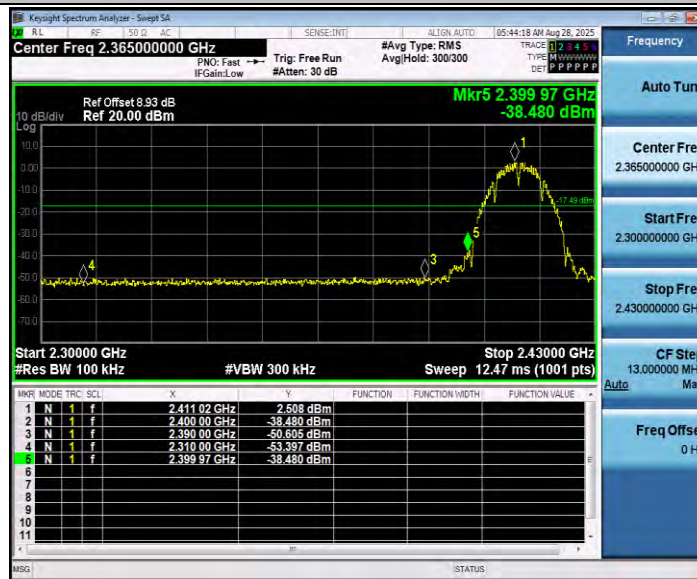
Appendix C.5: Band edge measurements

Test Result

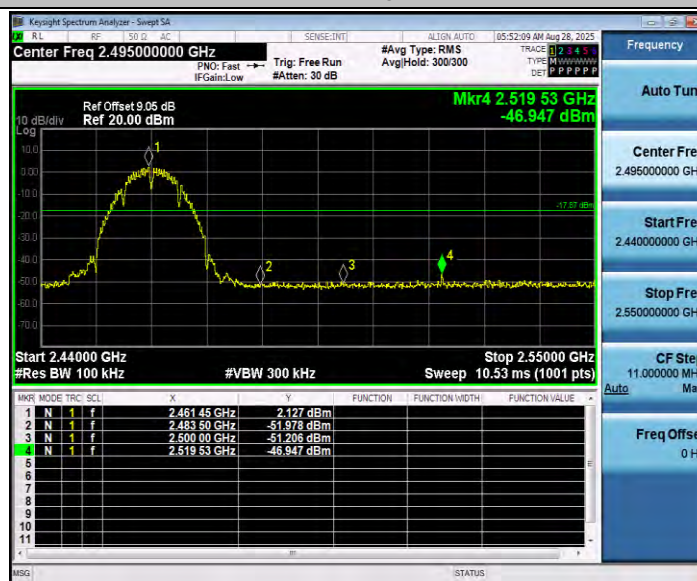
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	2.51	-38.48	≤ -17.49	PASS
		High	2462	2.13	-46.95	≤ -17.87	PASS
11G	Ant2	Low	2412	-0.45	-29.67	≤ -20.45	PASS
		High	2462	0.41	-47.42	≤ -19.59	PASS
11N20SISO	Ant2	Low	2412	0.52	-28.57	≤ -19.48	PASS
		High	2462	1.28	-46.71	≤ -18.72	PASS
11N40SISO	Ant2	Low	2422	-2.85	-32.37	≤ -22.85	PASS
		High	2452	-1.55	-45.2	≤ -21.55	PASS
11AX20SISO	Ant2	Low	2412	0.59	-28.72	≤ -19.41	PASS
		High	2462	1.11	-43.92	≤ -18.89	PASS
11AX40SISO	Ant2	Low	2422	-2.64	-33.83	≤ -22.64	PASS
		High	2452	-1.41	-46.23	≤ -21.41	PASS

Test Graphs

11B_Ant2_Low_2412



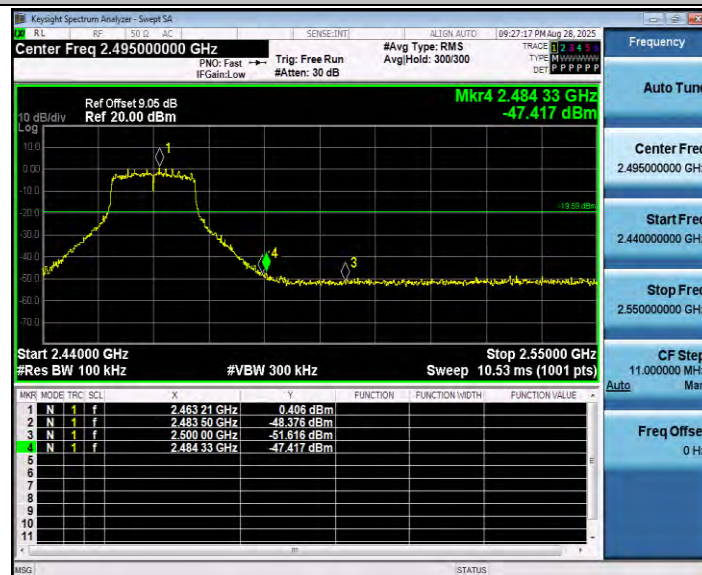
11B_Ant2_High_2462



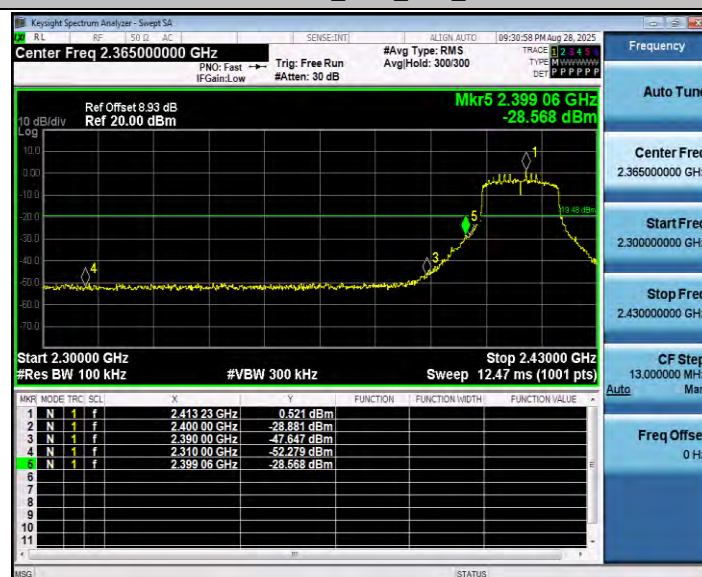
11G_Ant2_Low_2412



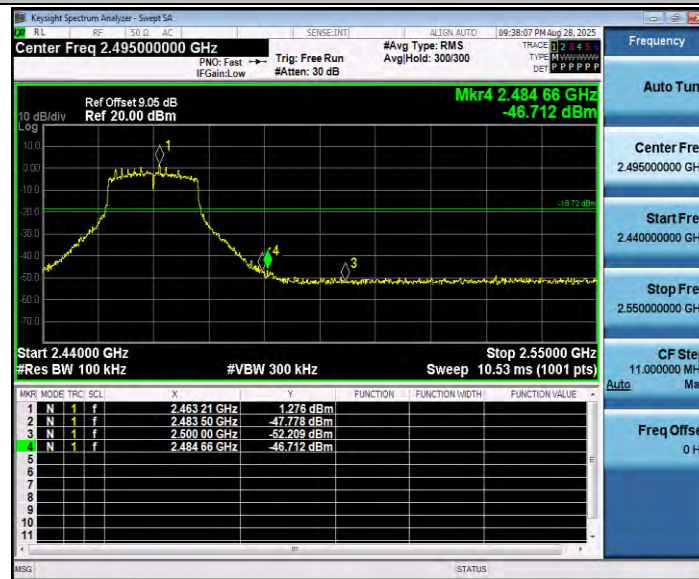
11G_Ant2_High_2462



11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452



11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462



11AX40SISO_Ant2_Low_2422



11AX40SISO_Ant2_High_2452



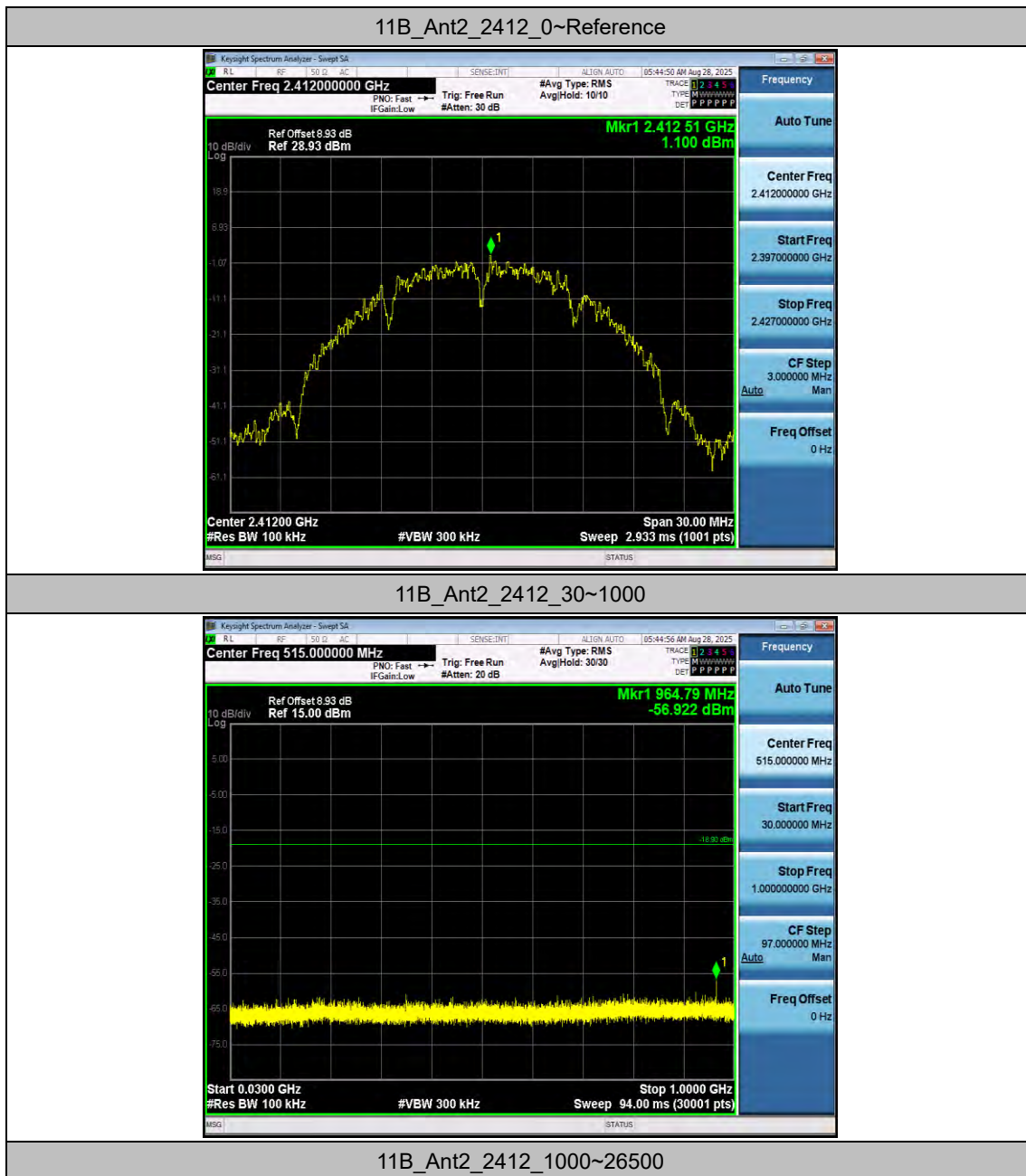
Appendix C.6: Conducted Spurious Emission

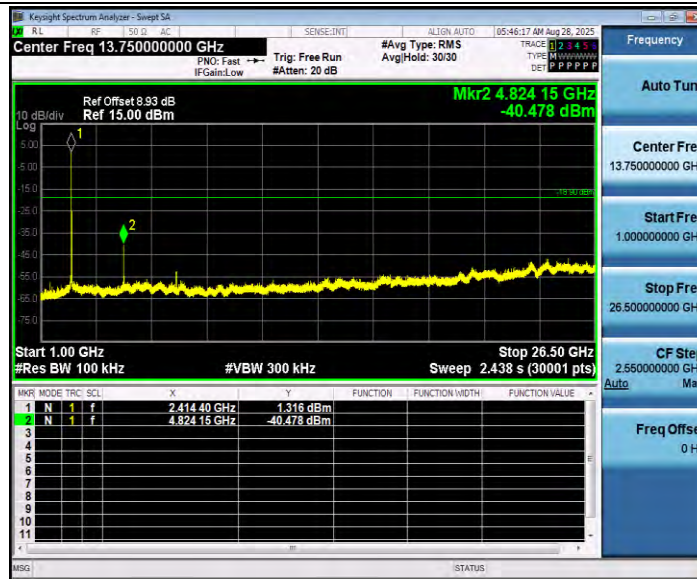
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	1.10	1.10	---	PASS
			30~1000	1.10	-56.92	≤-18.9	PASS
			1000~26500	1.10	-40.48	≤-18.9	PASS
		2437	Reference	0.60	0.60	---	PASS
			30~1000	0.60	-55.93	≤-19.4	PASS
			1000~26500	0.60	-38.94	≤-19.4	PASS
		2462	Reference	1.52	1.52	---	PASS
			30~1000	1.52	-57.15	≤-18.48	PASS
			1000~26500	1.52	-40.28	≤-18.48	PASS
11G	Ant2	2412	Reference	-1.49	-1.49	---	PASS
			30~1000	-1.49	-60.91	≤-21.49	PASS
			1000~26500	-1.49	-47.64	≤-21.49	PASS
		2437	Reference	-1.47	-1.47	---	PASS
			30~1000	-1.47	-60.44	≤-21.47	PASS
			1000~26500	-1.47	-43.29	≤-21.47	PASS
		2462	Reference	-0.32	-0.32	---	PASS
			30~1000	-0.32	-60.31	≤-20.32	PASS
			1000~26500	-0.32	-46.41	≤-20.32	PASS
11N20SISO	Ant2	2412	Reference	-3.55	-3.55	---	PASS
			30~1000	-3.55	-60.5	≤-23.55	PASS
			1000~26500	-3.55	-47.88	≤-23.55	PASS
		2437	Reference	-1.42	-1.42	---	PASS
			30~1000	-1.42	-60.37	≤-21.42	PASS
			1000~26500	-1.42	-43.2	≤-21.42	PASS
		2462	Reference	-2.48	-2.48	---	PASS
			30~1000	-2.48	-60.71	≤-22.48	PASS
			1000~26500	-2.48	-46.29	≤-22.48	PASS
11N40SISO	Ant2	2422	Reference	-5.09	-5.09	---	PASS
			30~1000	-5.09	-60.73	≤-25.09	PASS
			1000~26500	-5.09	-48.04	≤-25.09	PASS
		2437	Reference	-1.76	-1.76	---	PASS
			30~1000	-1.76	-60.2	≤-21.76	PASS
			1000~26500	-1.76	-44.68	≤-21.76	PASS
		2452	Reference	-3.46	-3.46	---	PASS
			30~1000	-3.46	-60.16	≤-23.46	PASS
			1000~26500	-3.46	-46.52	≤-23.46	PASS
11AX20SISO	Ant2	2412	Reference	0.58	0.58	---	PASS

		2437	Reference	-0.17	-0.17	---	PASS
			30~1000	-0.17	-60.45	≤ -20.17	PASS
			1000~26500	-0.17	-38.33	≤ -20.17	PASS
		2462	Reference	0.09	0.09	---	PASS
			30~1000	0.09	-60.75	≤ -19.91	PASS
			1000~26500	0.09	-44.71	≤ -19.91	PASS
11AX40SISO	Ant2	2422	Reference	-4.53	-4.53	---	PASS
			30~1000	-4.53	-60.48	≤ -24.53	PASS
			1000~26500	-4.53	-48.07	≤ -24.53	PASS
		2437	Reference	-2.09	-2.09	---	PASS
			30~1000	-2.09	-60.71	≤ -22.09	PASS
			1000~26500	-2.09	-46.66	≤ -22.09	PASS
		2452	Reference	-1.81	-1.81	---	PASS
			30~1000	-1.81	-60.11	≤ -21.81	PASS
			1000~26500	-1.81	-46.75	≤ -21.81	PASS

Test Graphs

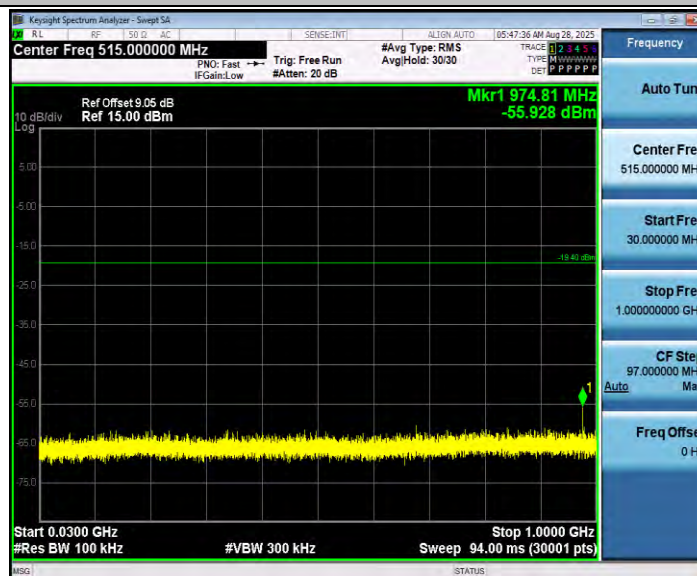




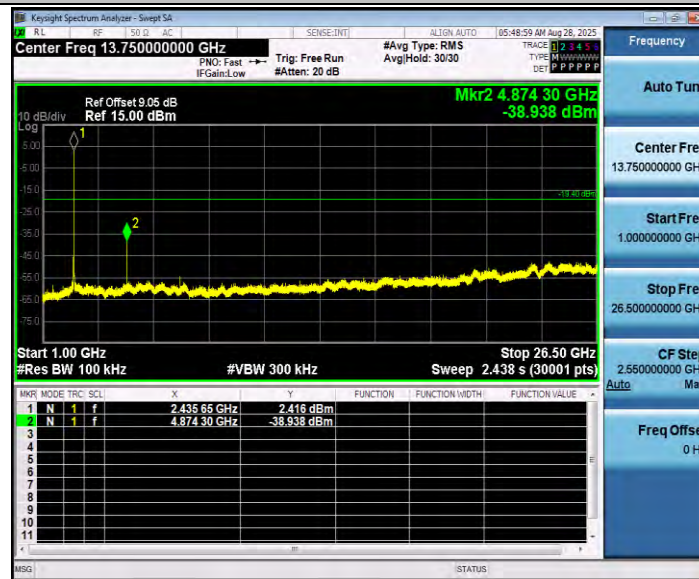
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



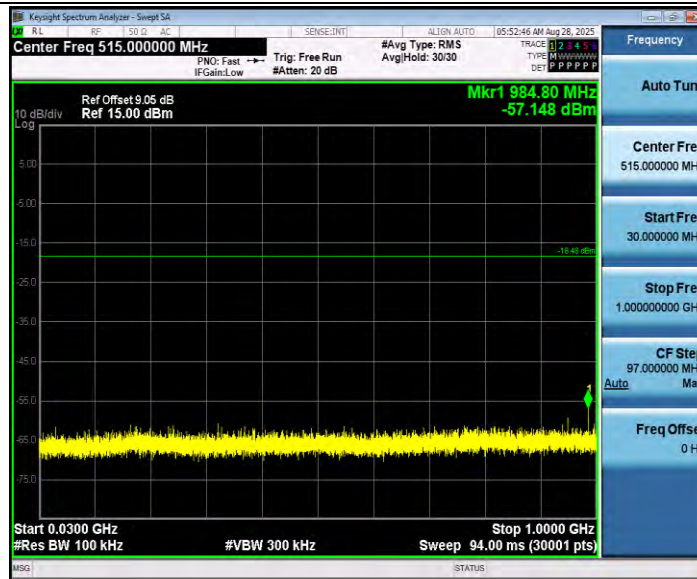
11B_Ant2_2437_1000~26500



11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference

