

Case No. : <u>GTS20250901012-5-03</u>	
Ambient Condition: <u>22</u> °C, <u>48</u> %RH,	
Test Date: <u>2025.9.26</u>	Test Engineer: <u>Evan ouyang</u>

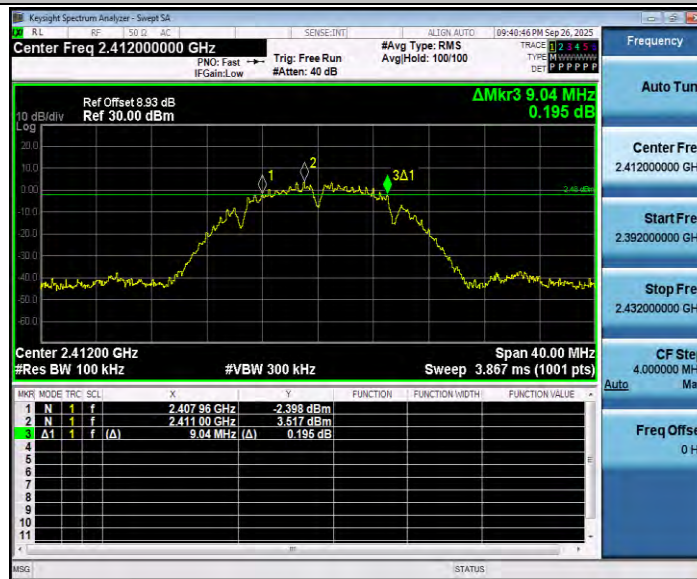
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.960	2417.000	0.5	PASS
		2437	8.520	2432.960	2441.480	0.5	PASS
		2462	8.600	2457.920	2466.520	0.5	PASS
11G	Ant1	2412	16.040	2404.080	2420.120	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	16.280	2453.840	2470.120	0.5	PASS
11N20SISO	Ant1	2412	16.920	2403.840	2420.760	0.5	PASS
		2437	16.560	2428.840	2445.400	0.5	PASS
		2462	16.000	2454.120	2470.120	0.5	PASS
11N40SISO	Ant1	2422	32.640	2406.880	2439.520	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	34.560	2435.120	2469.680	0.5	PASS
11AX20SISO	Ant1	2412	18.360	2402.920	2421.280	0.5	PASS
		2437	18.040	2428.240	2446.280	0.5	PASS
		2462	18.600	2452.760	2471.360	0.5	PASS
11AX40SISO	Ant1	2422	36.080	2404.400	2440.480	0.5	PASS
		2437	35.760	2419.480	2455.240	0.5	PASS
		2452	36.240	2433.280	2469.520	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

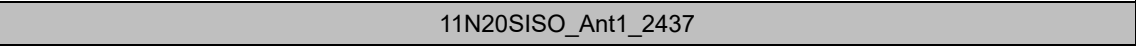
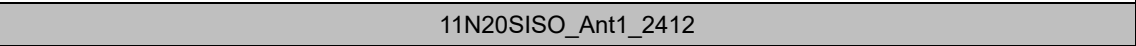


11G_Ant1_2412



11G_Ant1_2437



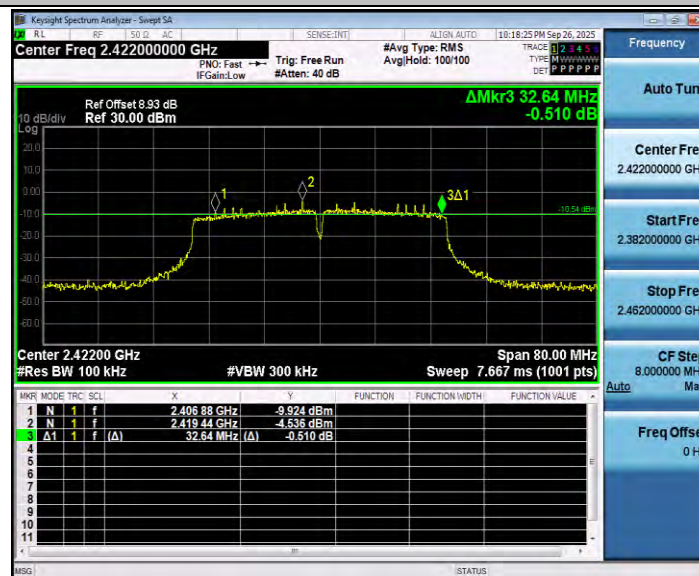




11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



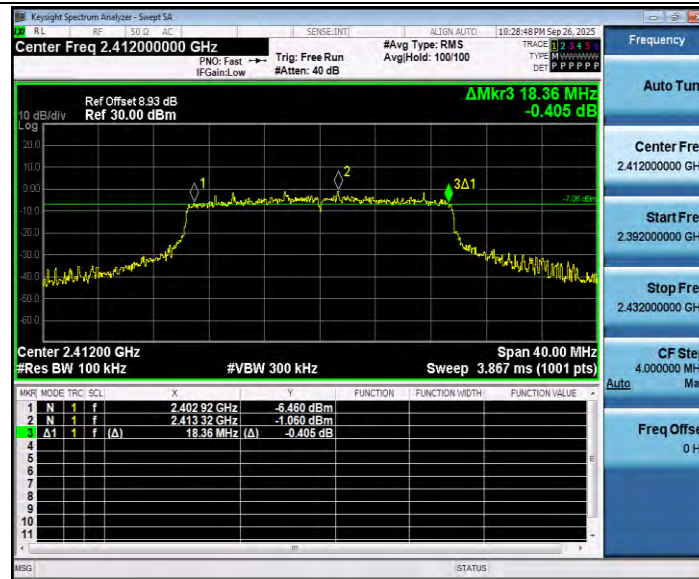
11N40SISO_Ant1_2437



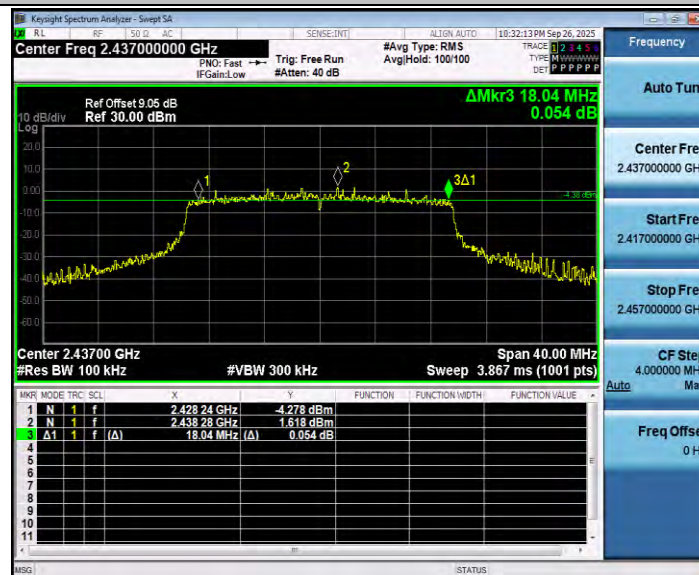
11N40SISO_Ant1_2452



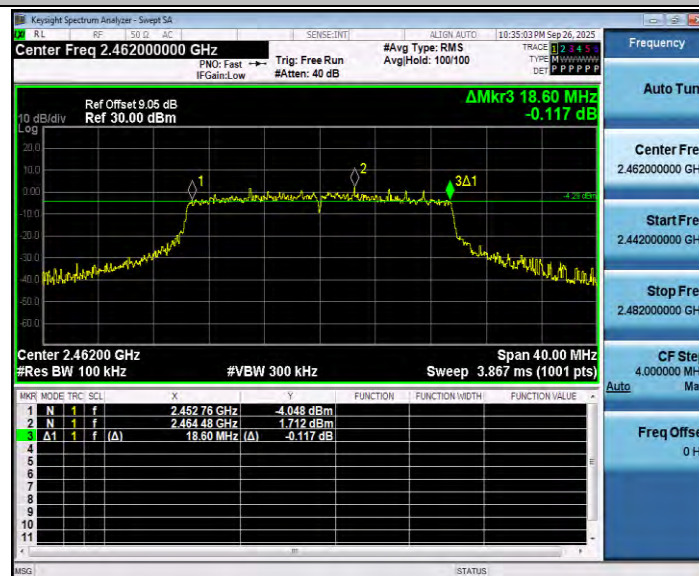
11AX20SISO_Ant1_2412



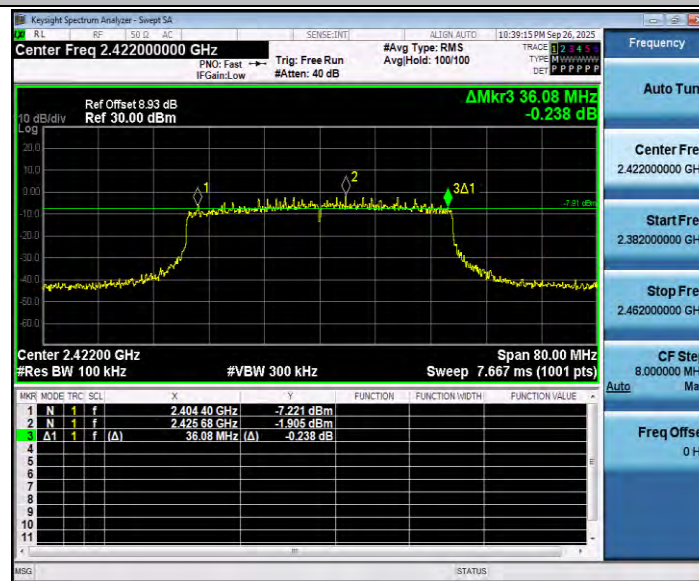
11AX20SISO_Ant1_2437



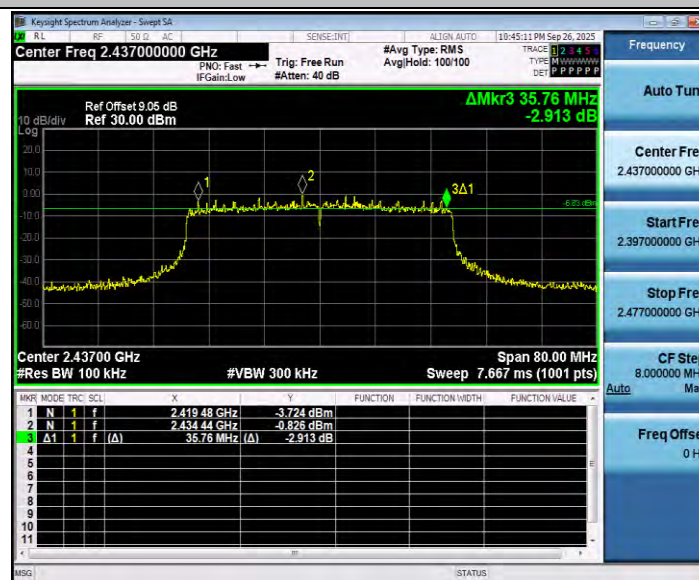
11AX20SISO_Ant1_2462



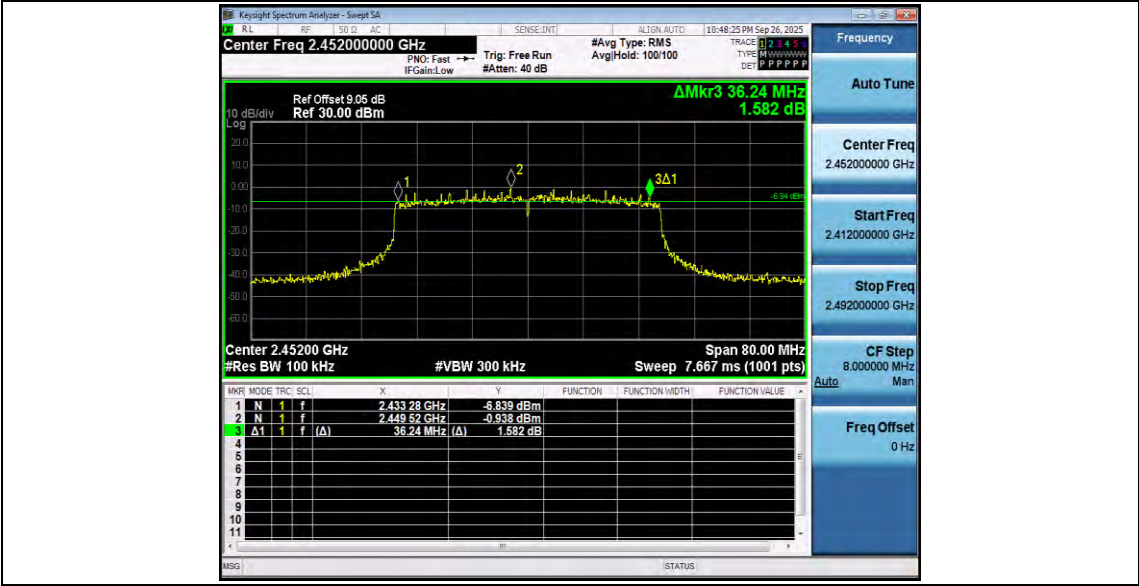
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



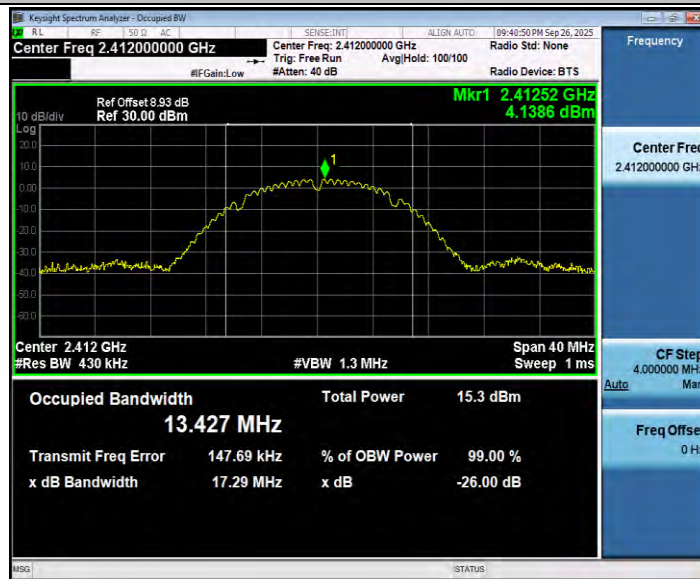
Appendix C.2: Occupied Channel Bandwidth

Test Result

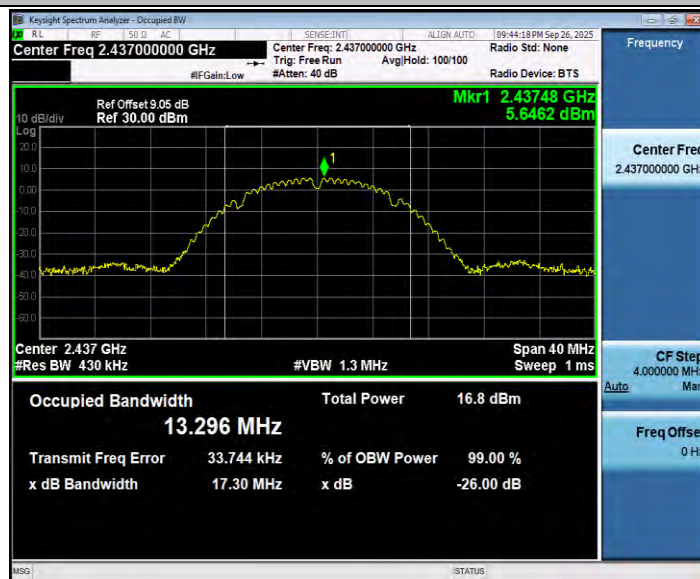
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.427	2405.4342	2418.8612	---	---
		2437	13.296	2430.3857	2443.6817	---	---
		2462	13.274	2455.3956	2468.6696	---	---
11G	Ant1	2412	17.432	2403.3195	2420.7515	---	---
		2437	17.328	2428.3170	2445.6450	---	---
		2462	17.280	2453.3262	2470.6062	---	---
11N20SISO	Ant1	2412	18.447	2402.8550	2421.3020	---	---
		2437	18.449	2427.7576	2446.2066	---	---
		2462	18.440	2452.7839	2471.2239	---	---
11N40SISO	Ant1	2422	36.616	2403.7671	2440.3831	---	---
		2437	36.629	2418.7809	2455.4099	---	---
		2452	36.679	2433.6680	2470.3470	---	---
11AX20SISO	Ant1	2412	19.207	2402.4318	2421.6388	---	---
		2437	19.316	2427.3620	2446.6780	---	---
		2462	19.240	2452.3913	2471.6313	---	---
11AX40SISO	Ant1	2422	37.845	2403.1853	2441.0303	---	---
		2437	37.888	2418.0605	2455.9485	---	---
		2452	37.945	2433.0220	2470.9670	---	---

Test Graphs

11B_Ant1_2412



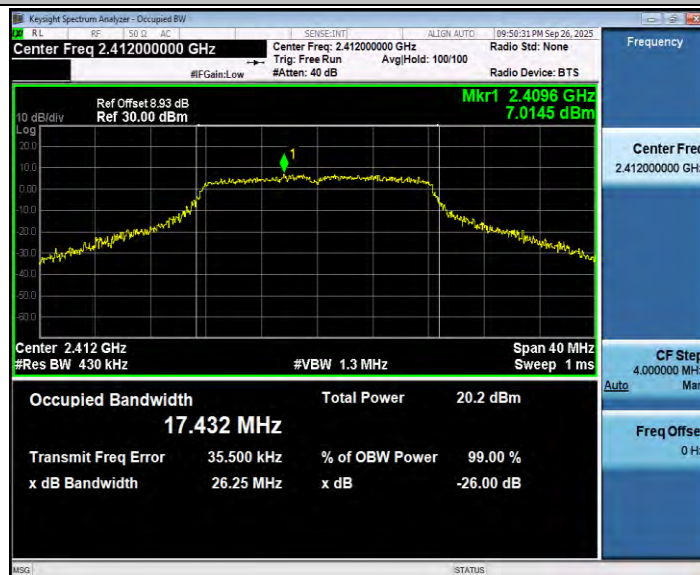
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



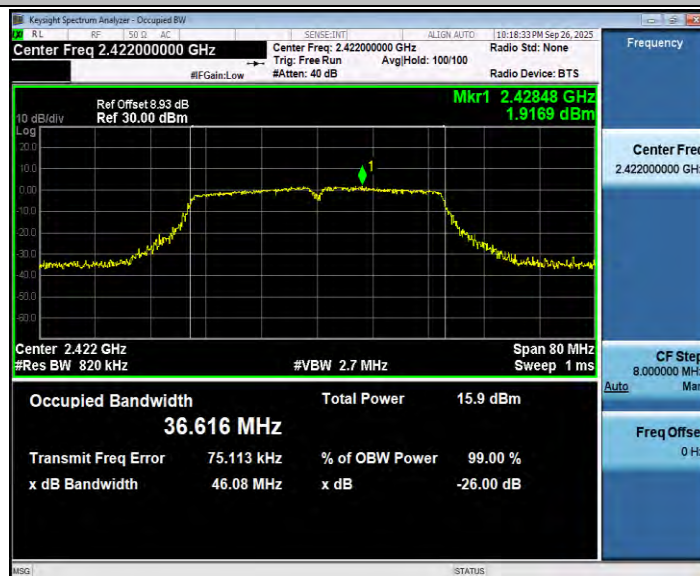
11N20SISO_Ant1_2437



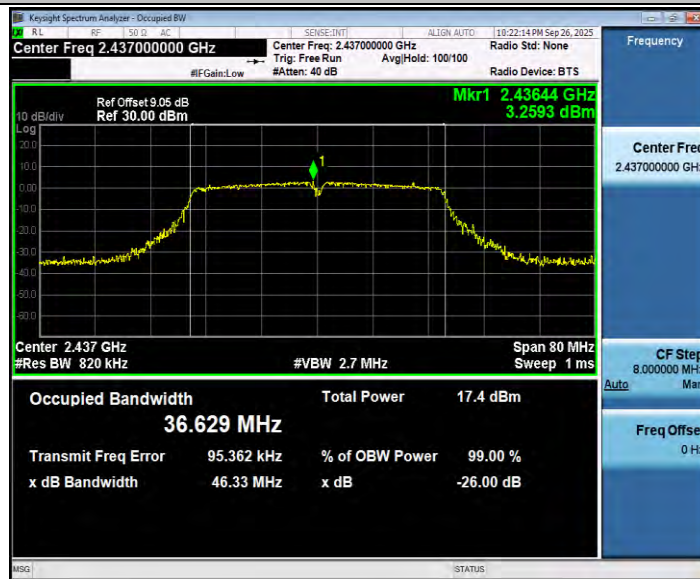
11N20SISO_Ant1_2462



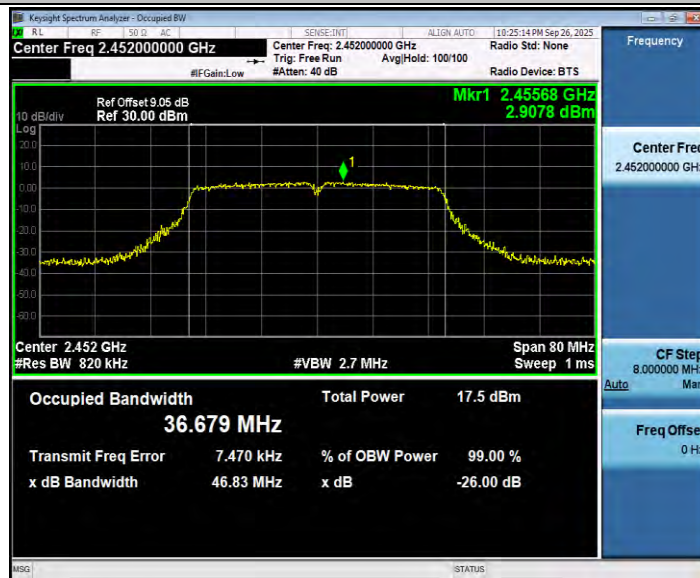
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



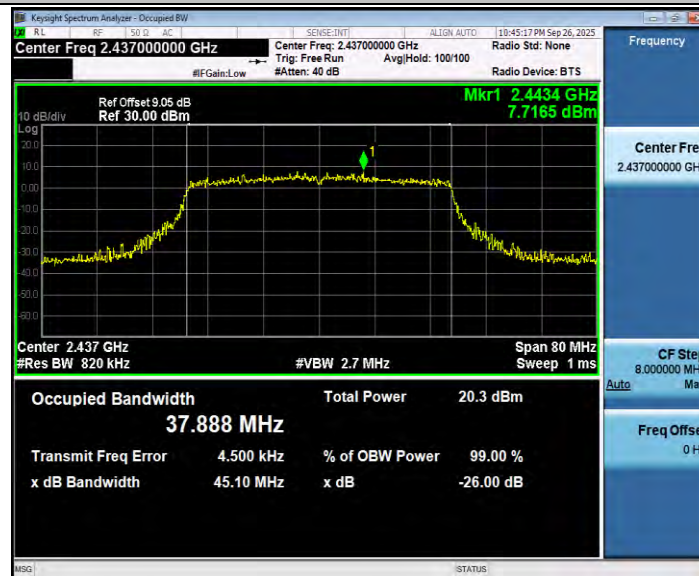
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency [MHz]	Set Power	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	---	15.33	≤30.00	PASS
		2437	---	16.84	≤30.00	PASS
		2462	---	17.05	≤30.00	PASS
11G	Ant1	2412	---	21.33	≤30.00	PASS
		2437	---	21.29	≤30.00	PASS
		2462	---	21.29	≤30.00	PASS
11N20SI SO	Ant1	2412	---	19.25	≤30.00	PASS
		2437	---	21.18	≤30.00	PASS
		2462	---	21.22	≤30.00	PASS
11N40SI SO	Ant1	2422	---	16.21	≤30.00	PASS
		2437	---	17.72	≤30.00	PASS
		2452	---	17.75	≤30.00	PASS
11AX20S ISO	Ant1	2412	---	18.41	≤30.00	PASS
		2437	---	20.40	≤30.00	PASS
		2462	---	20.82	≤30.00	PASS
11AX40S ISO	Ant1	2422	---	19.39	≤30.00	PASS
		2437	---	20.38	≤30.00	PASS
		2452	---	20.45	≤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	-10.29	≤8.00	PASS
		2437	-9.41	≤8.00	PASS
		2462	-8.02	≤8.00	PASS
11G	Ant1	2412	-10.99	≤8.00	PASS
		2437	-11.25	≤8.00	PASS
		2462	-10.97	≤8.00	PASS
11N20SISO	Ant1	2412	-12.46	≤8.00	PASS
		2437	-11.75	≤8.00	PASS
		2462	-11.91	≤8.00	PASS
11N40SISO	Ant1	2422	-18.88	≤8.00	PASS
		2437	-16.73	≤8.00	PASS
		2452	-16.49	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.90	≤8.00	PASS
		2437	-13.03	≤8.00	PASS
		2462	-13.06	≤8.00	PASS
11AX40SISO	Ant1	2422	-17.22	≤8.00	PASS
		2437	-15.87	≤8.00	PASS
		2452	-14.77	≤8.00	PASS

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11B_Ant1_2412



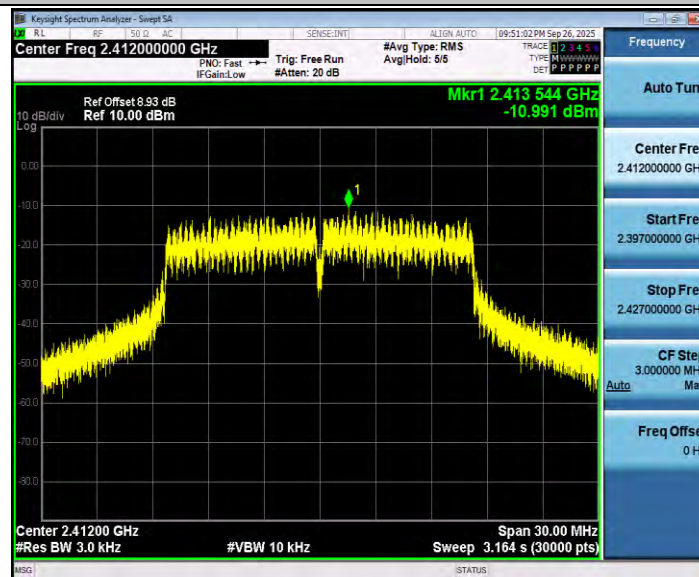
11B_Ant1_2437



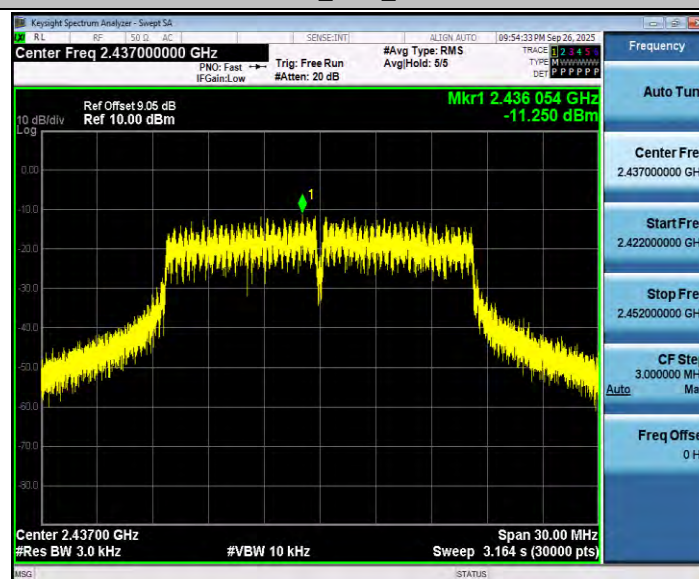
11B_Ant1_2462



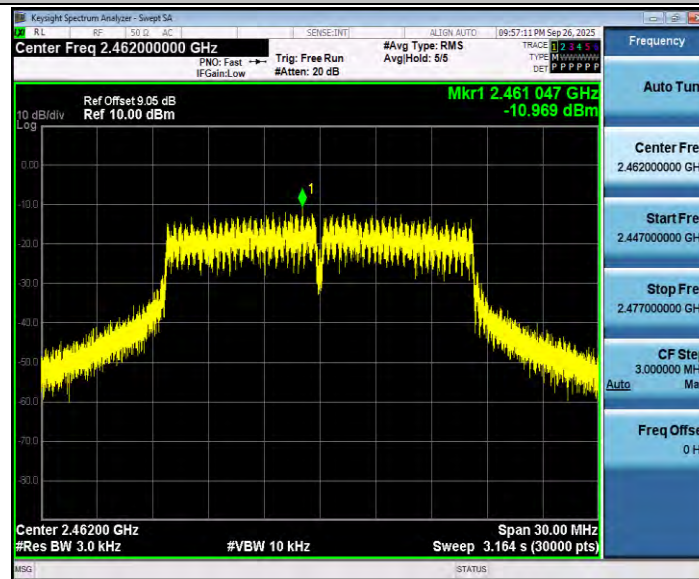
11G_Ant1_2412



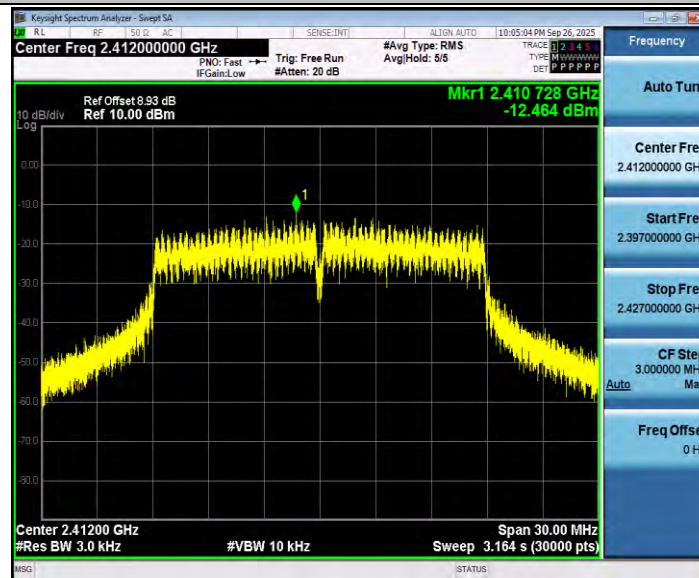
11G_Ant1_2437



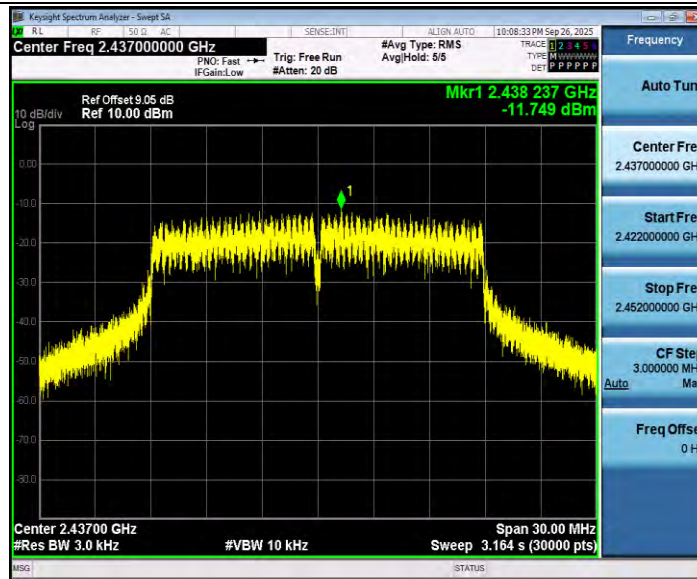
11G_Ant1_2462



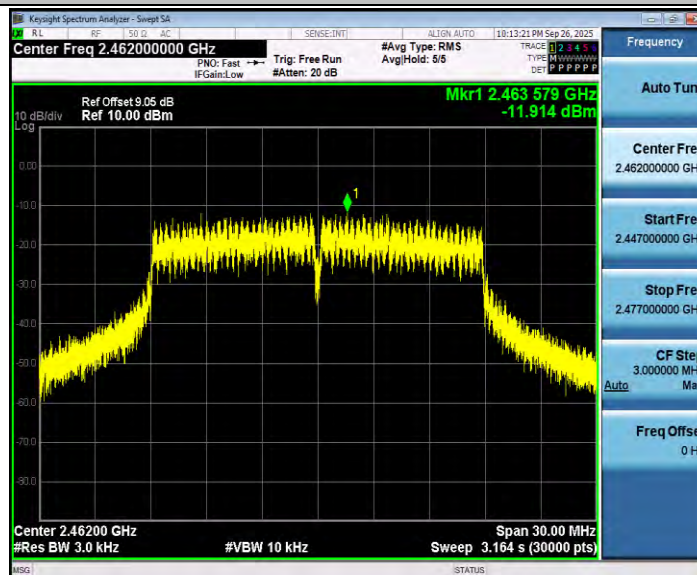
11N20SISO_Ant1_2412



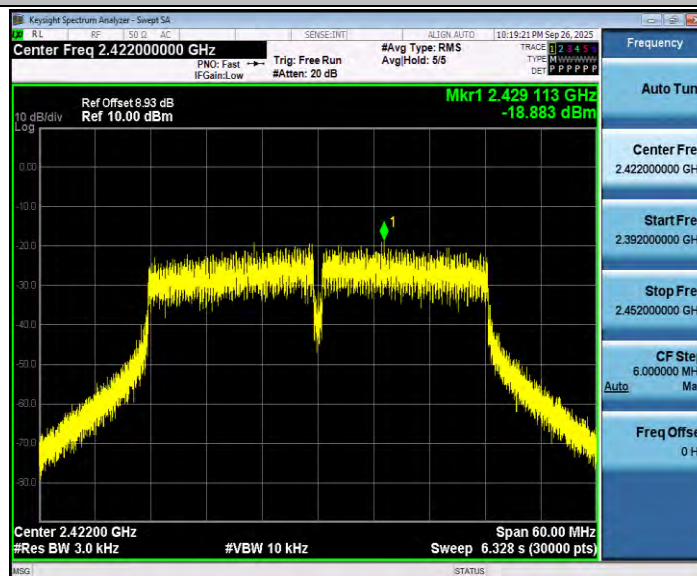
11N20SISO_Ant1_2437



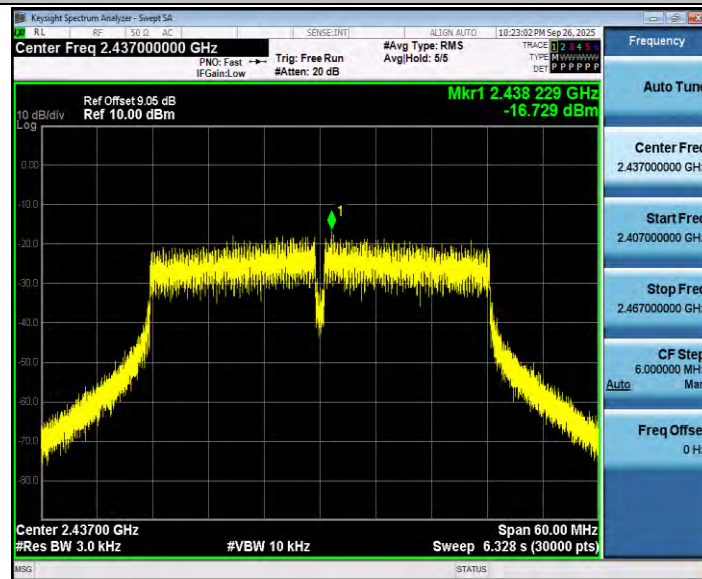
11N20SISO_Ant1_2462



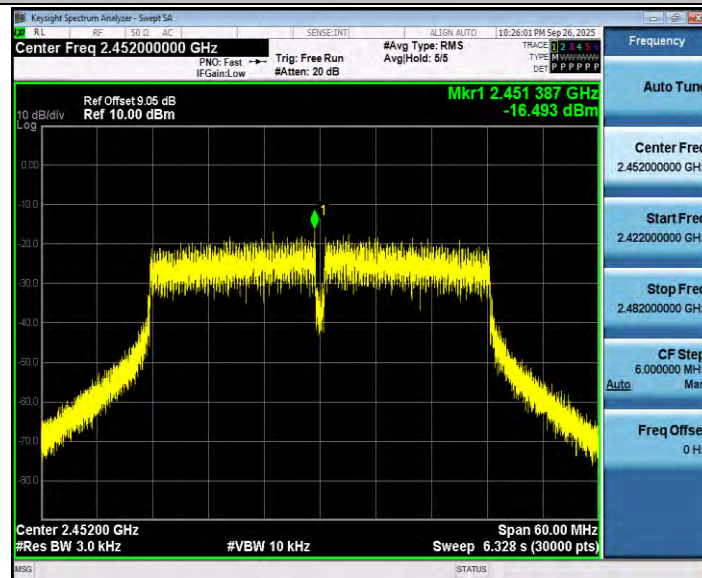
11N40SISO_Ant1_2422



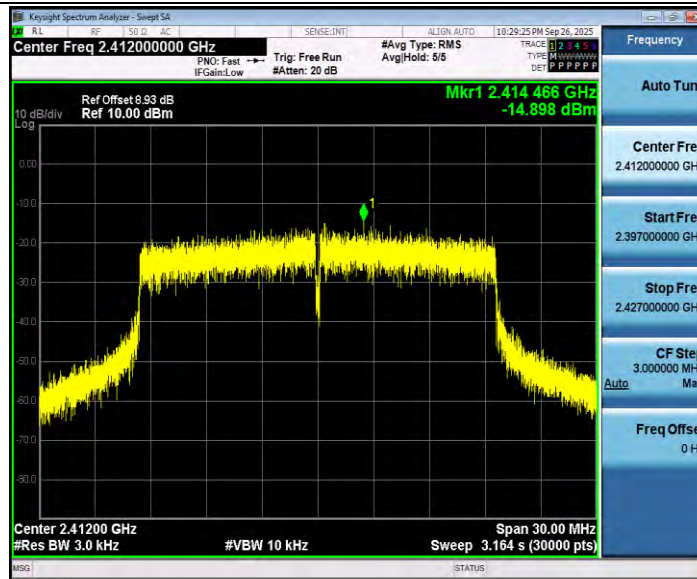
11N40SISO_Ant1_2437



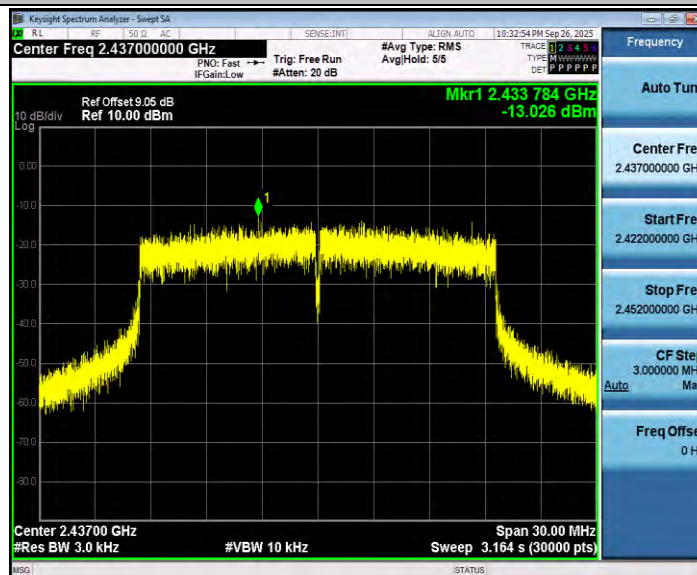
11N40SISO_Ant1_2452



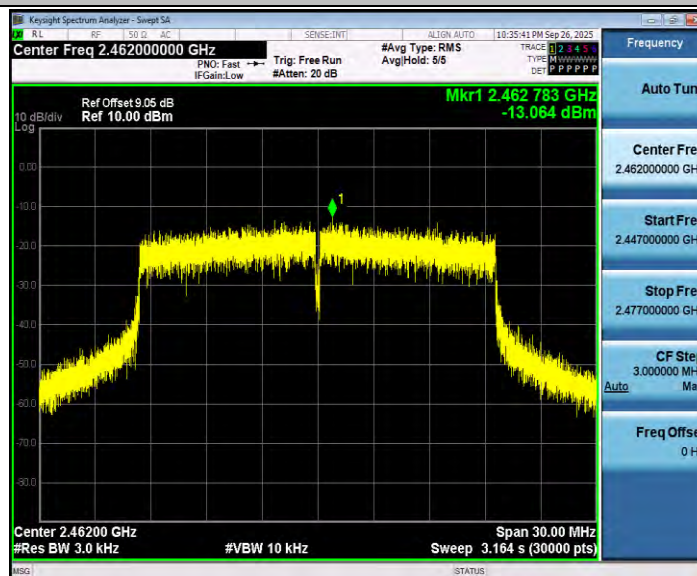
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



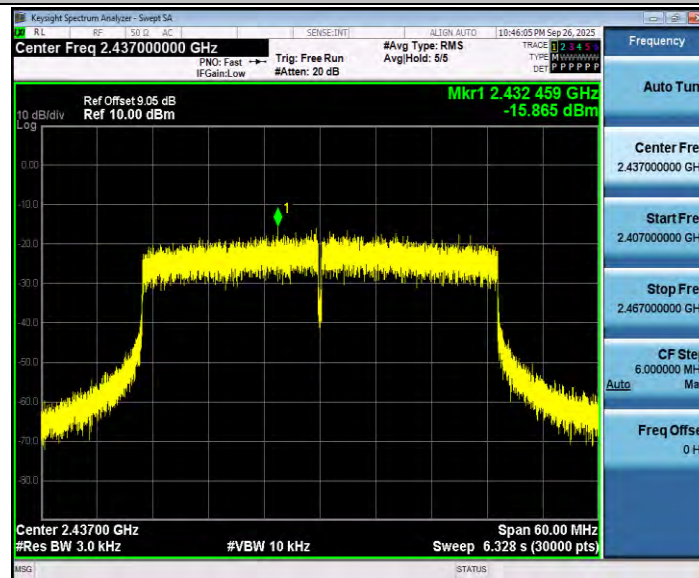
11AX20SISO_Ant1_2462



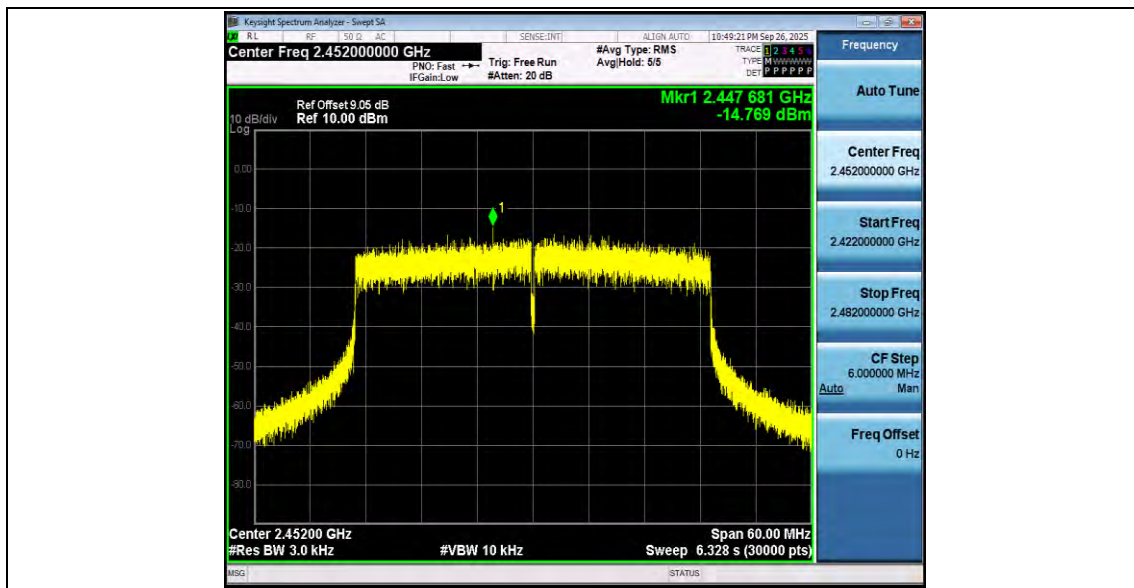
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



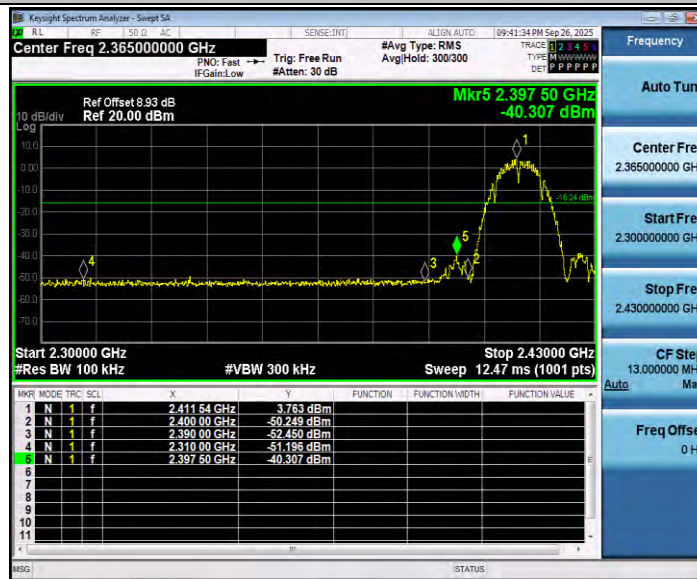
Appendix C.5: Band edge measurements

Test Result

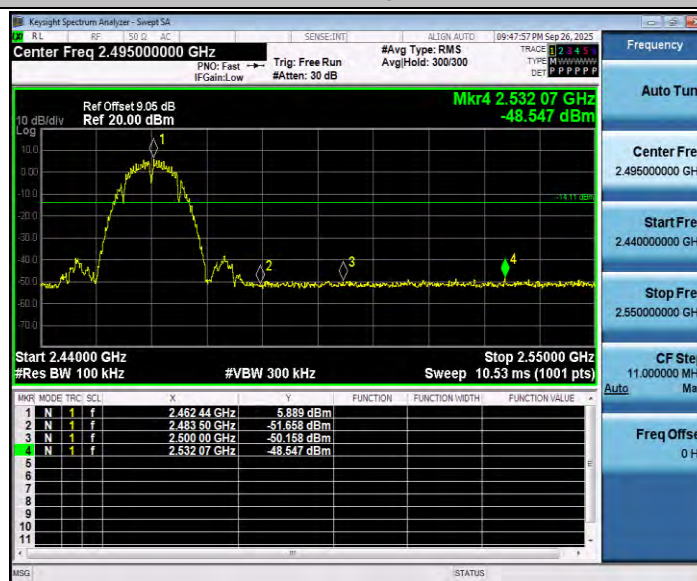
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.76	-40.31	≤-16.24	PASS
		High	2462	5.89	-48.55	≤-14.11	PASS
11G	Ant1	Low	2412	3.78	-25.59	≤-16.22	PASS
		High	2462	3.20	-45.46	≤-16.8	PASS
11N20SISO	Ant1	Low	2412	1.20	-27.95	≤-18.8	PASS
		High	2462	3.17	-42.92	≤-16.83	PASS
11N40SISO	Ant1	Low	2422	-4.39	-36.77	≤-24.39	PASS
		High	2452	-2.96	-47.31	≤-22.96	PASS
11AX20SISO	Ant1	Low	2412	-0.46	-30.05	≤-20.46	PASS
		High	2462	2.50	-41.98	≤-17.5	PASS
11AX40SISO	Ant1	Low	2422	-1.67	-34.28	≤-21.67	PASS
		High	2452	-0.93	-43.55	≤-20.93	PASS

Test Graphs

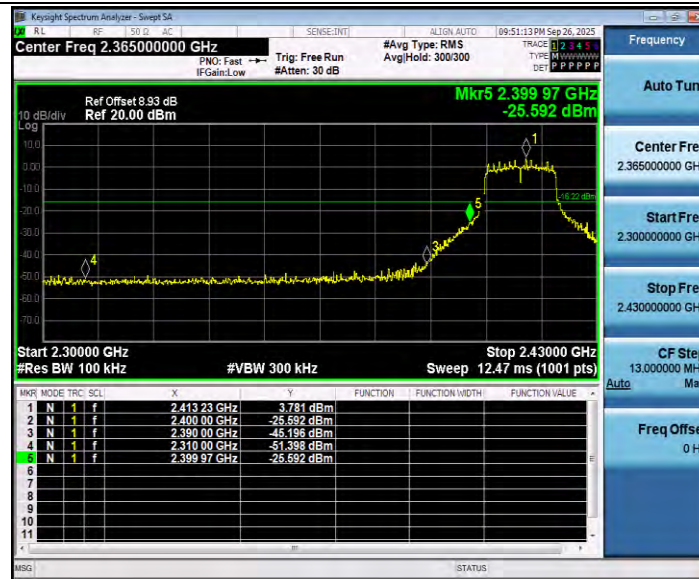
11B_Ant1_Low_2412



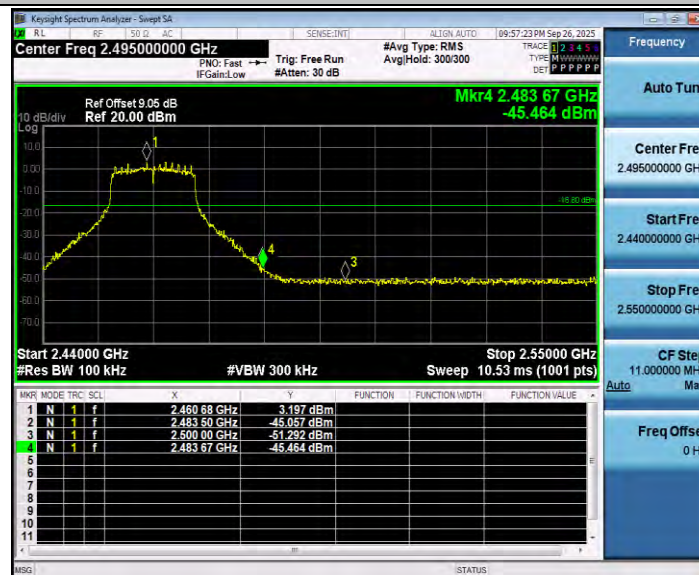
11B_Ant1_High_2462



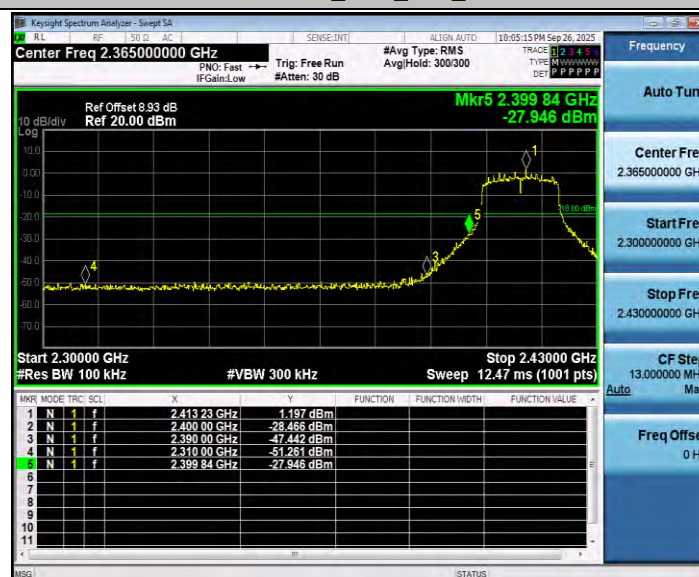
11G_Ant1_Low_2412



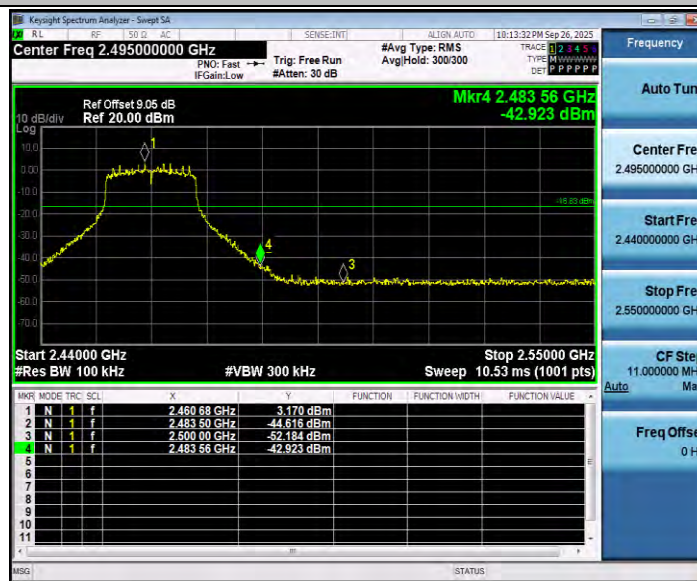
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



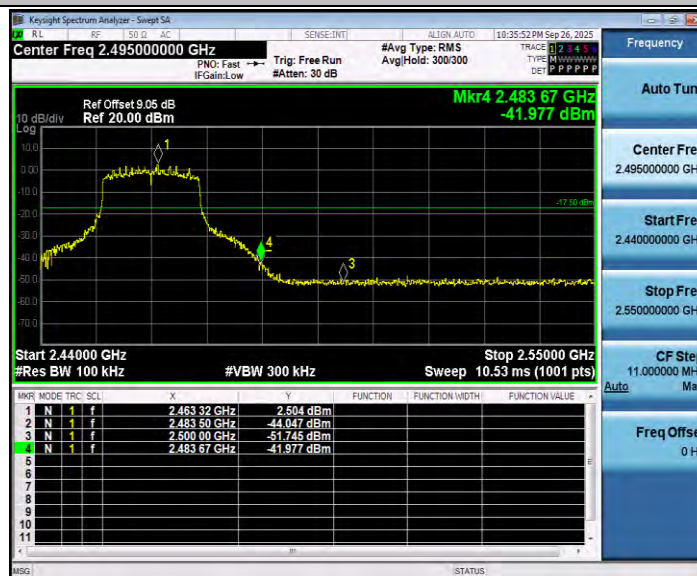
11N40SISO_Ant1_High_2452



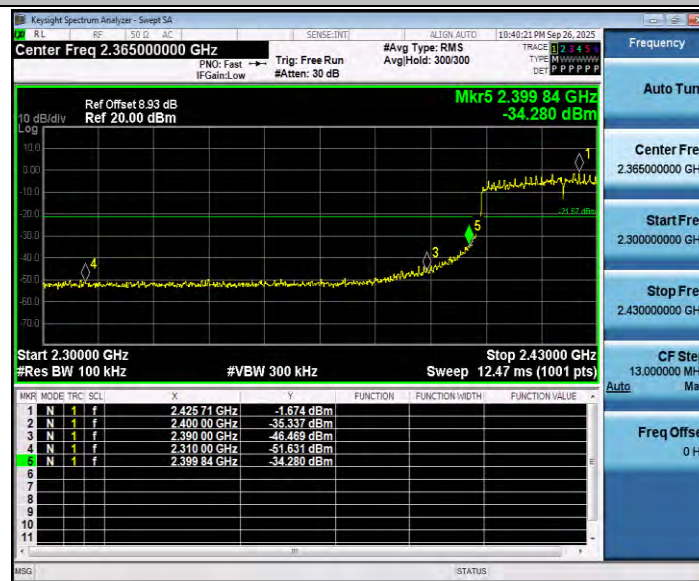
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452



Appendix C.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.03	3.03	---	PASS
			30~1000	3.03	-57.48	≤-16.97	PASS
			1000~26500	3.03	-43.99	≤-16.97	PASS
		2437	Reference	3.58	3.58	---	PASS
			30~1000	3.58	-57.91	≤-16.42	PASS
			1000~26500	3.58	-44.47	≤-16.42	PASS
		2462	Reference	4.12	4.12	---	PASS
			30~1000	4.12	-59.1	≤-15.88	PASS
			1000~26500	4.12	-45.89	≤-15.88	PASS
11G	Ant1	2412	Reference	0.00	0.00	---	PASS
			30~1000	0.00	-61.11	≤-20	PASS
			1000~26500	0.00	-46.73	≤-20	PASS
		2437	Reference	0.35	0.35	---	PASS
			30~1000	0.35	-60.22	≤-19.65	PASS
			1000~26500	0.35	-47.19	≤-19.65	PASS
		2462	Reference	3.43	3.43	---	PASS
			30~1000	3.43	-59.87	≤-16.57	PASS
			1000~26500	3.43	-47.72	≤-16.57	PASS
11N20SISO	Ant1	2412	Reference	-0.44	-0.44	---	PASS
			30~1000	-0.44	-59.85	≤-20.44	PASS
			1000~26500	-0.44	-47.89	≤-20.44	PASS
		2437	Reference	0.06	0.06	---	PASS
			30~1000	0.06	-59.34	≤-19.94	PASS
			1000~26500	0.06	-47.37	≤-19.94	PASS
		2462	Reference	1.08	1.08	---	PASS
			30~1000	1.08	-60.58	≤-18.92	PASS
			1000~26500	1.08	-47.25	≤-18.92	PASS
11N40SISO	Ant1	2422	Reference	-5.22	-5.22	---	PASS
			30~1000	-5.22	-60.16	≤-25.22	PASS
			1000~26500	-5.22	-47.66	≤-25.22	PASS
		2437	Reference	-6.27	-6.27	---	PASS
			30~1000	-6.27	-60.36	≤-26.27	PASS
			1000~26500	-6.27	-47.65	≤-26.27	PASS
		2452	Reference	-3.94	-3.94	---	PASS
			30~1000	-3.94	-60.63	≤-23.94	PASS
			1000~26500	-3.94	-46.76	≤-23.94	PASS
11AX20SISO	Ant1	2412	Reference	-3.65	-3.65	---	PASS

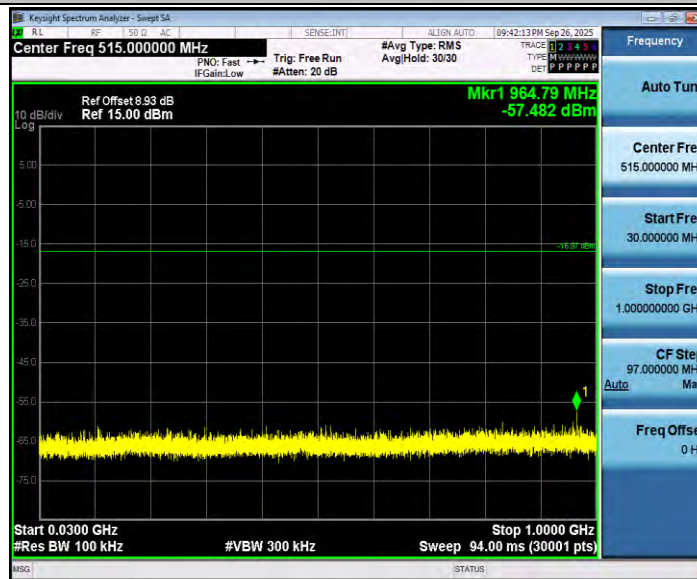
			30~1000	-3.65	-60.04	≤ -23.65	PASS
			1000~26500	-3.65	-47.55	≤ -23.65	PASS
		2437	Reference	0.04	0.04	---	PASS
			30~1000	0.04	-60.31	≤ -19.96	PASS
			1000~26500	0.04	-47.41	≤ -19.96	PASS
		2462	Reference	-0.78	-0.78	---	PASS
			30~1000	-0.78	-60.09	≤ -20.78	PASS
			1000~26500	-0.78	-47.63	≤ -20.78	PASS
11AX40SISO	Ant1	2422	Reference	-1.74	-1.74	---	PASS
			30~1000	-1.74	-59.4	≤ -21.74	PASS
			1000~26500	-1.74	-47.6	≤ -21.74	PASS
		2437	Reference	-0.95	-0.95	---	PASS
			30~1000	-0.95	-60.77	≤ -20.95	PASS
			1000~26500	-0.95	-47.18	≤ -20.95	PASS
		2452	Reference	-1.53	-1.53	---	PASS
			30~1000	-1.53	-60.42	≤ -21.53	PASS
			1000~26500	-1.53	-47.43	≤ -21.53	PASS

Test Graphs

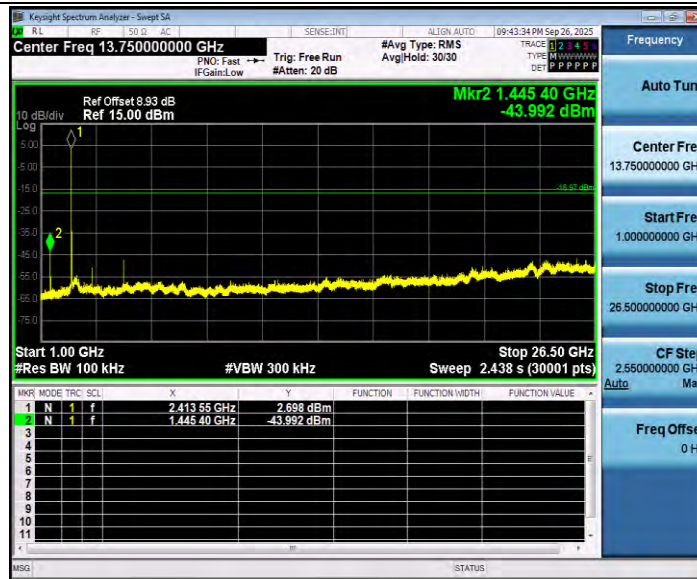
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



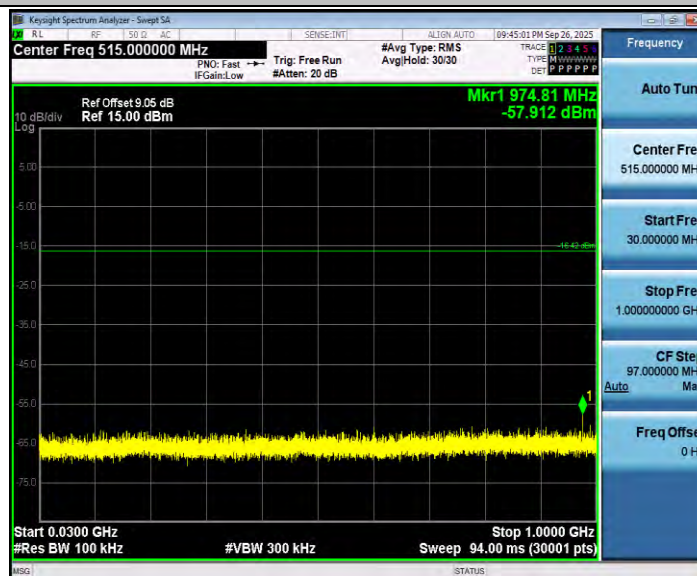
11B_Ant1_2412_1000~26500



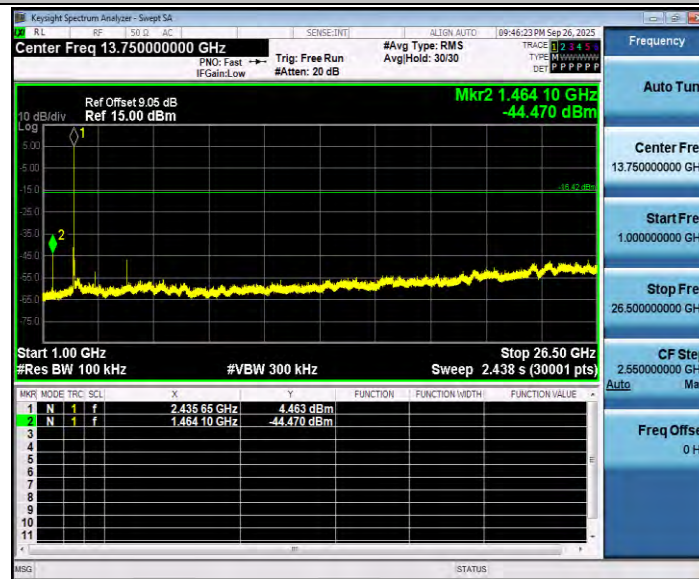
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



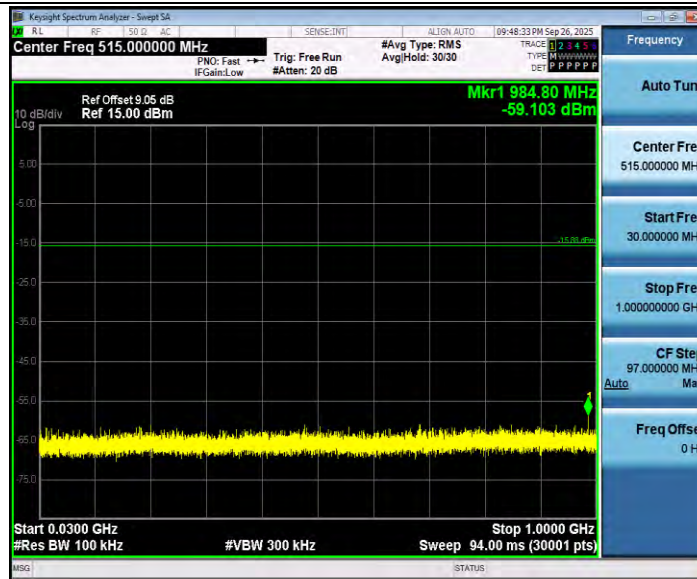
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference

