

Case No. : <u>GTS20250816006-4-03</u>	
Ambient Condition: <u>24</u> °C, <u>48</u> %RH,	
Test Date: <u>2025.10.8</u>	Test Engineer: <u>Evan ouyang</u>

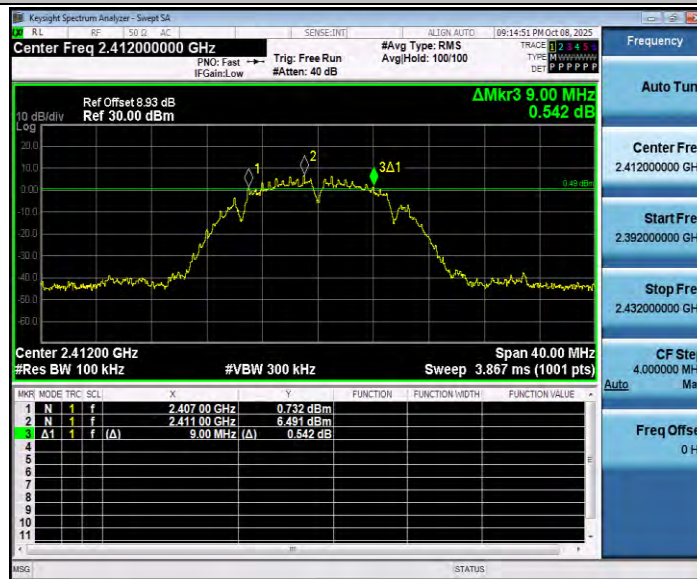
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.000	2407.000	2416.000	0.5	PASS
		2437	9.080	2432.480	2441.560	0.5	PASS
		2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.560	2428.720	2445.280	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.160	2420.800	0.5	PASS
		2437	17.640	2428.160	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.400	2403.760	2440.160	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.320	2433.840	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	19.080	2402.480	2421.560	0.5	PASS
		2437	19.080	2427.480	2446.560	0.5	PASS
		2462	19.040	2452.480	2471.520	0.5	PASS
11AX40SISO	Ant1	2422	37.760	2403.040	2440.800	0.5	PASS
		2437	37.920	2418.040	2455.960	0.5	PASS
		2452	37.760	2433.040	2470.800	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



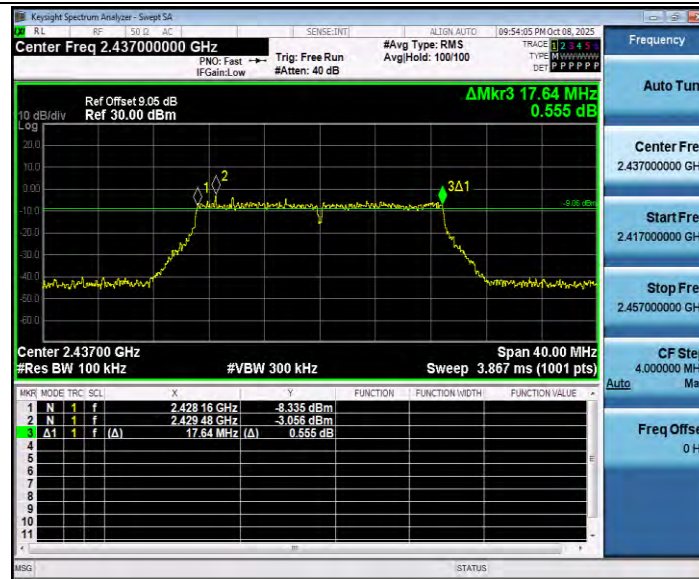
11G_Ant1_2462



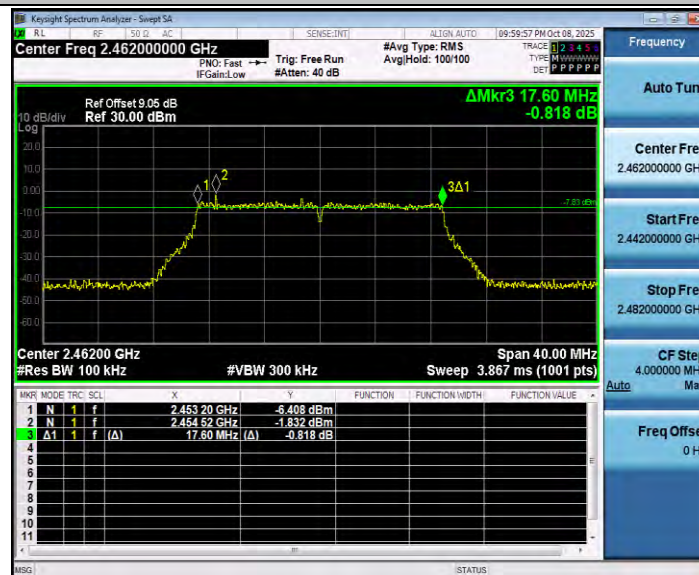
11N20SISO_Ant1_2412



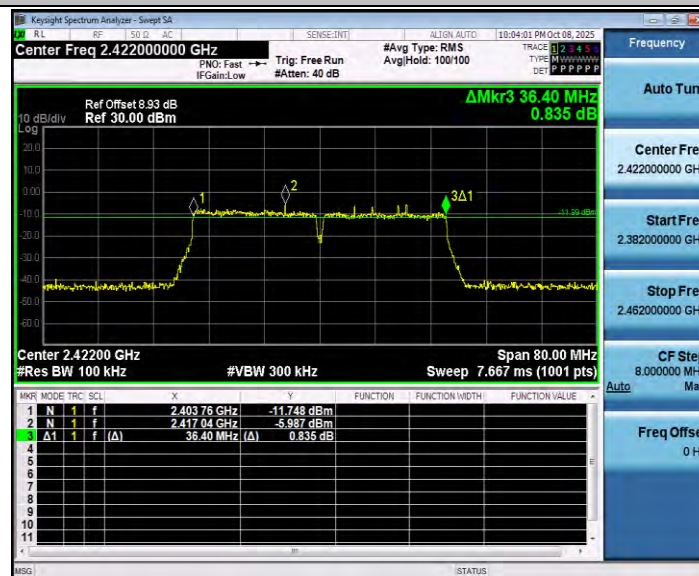
11N20SISO_Ant1_2437



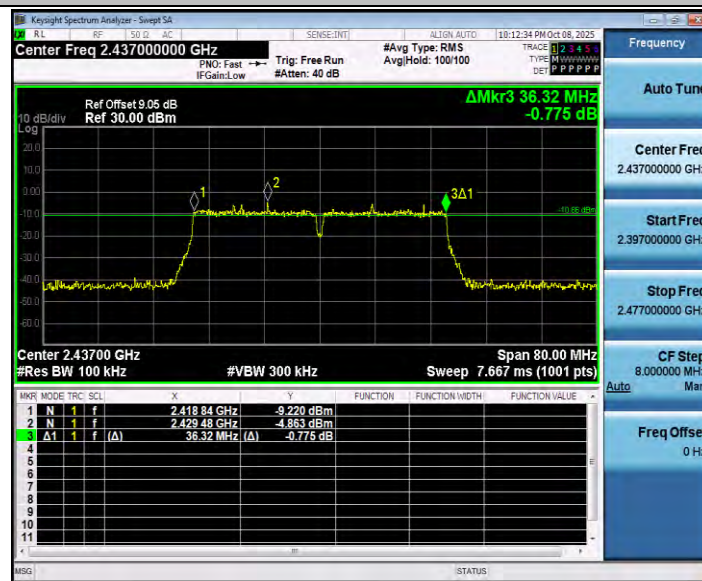
11N20SISO_Ant1_2462



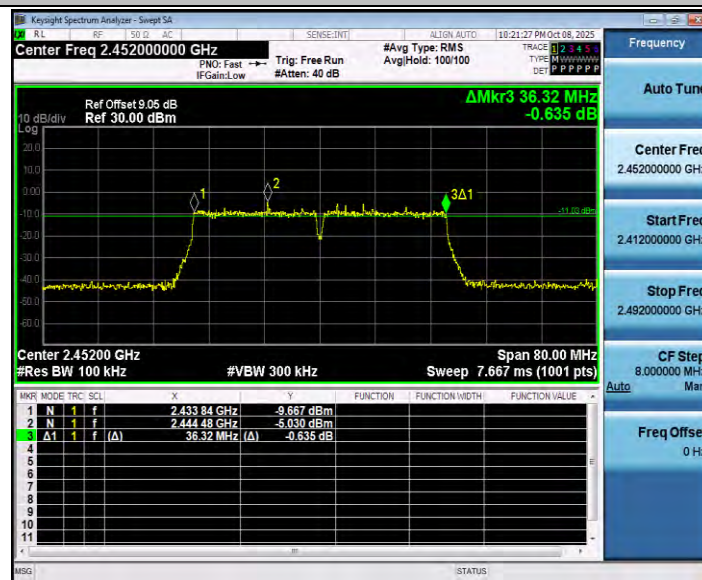
11N40SISO_Ant1_2422



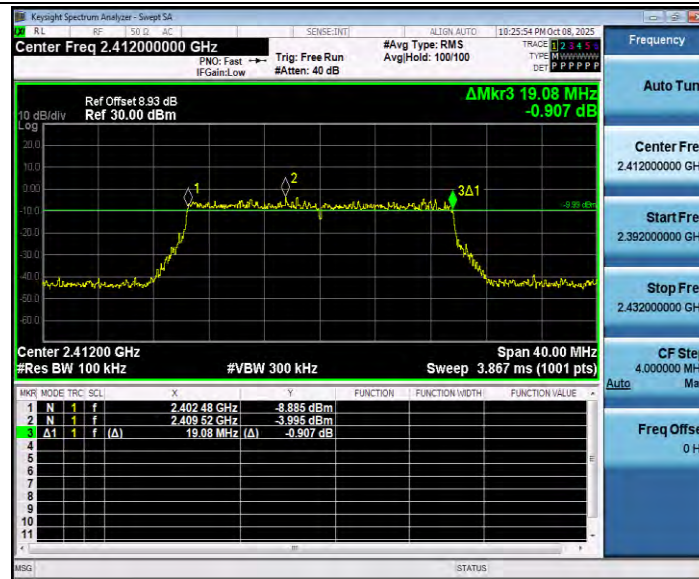
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



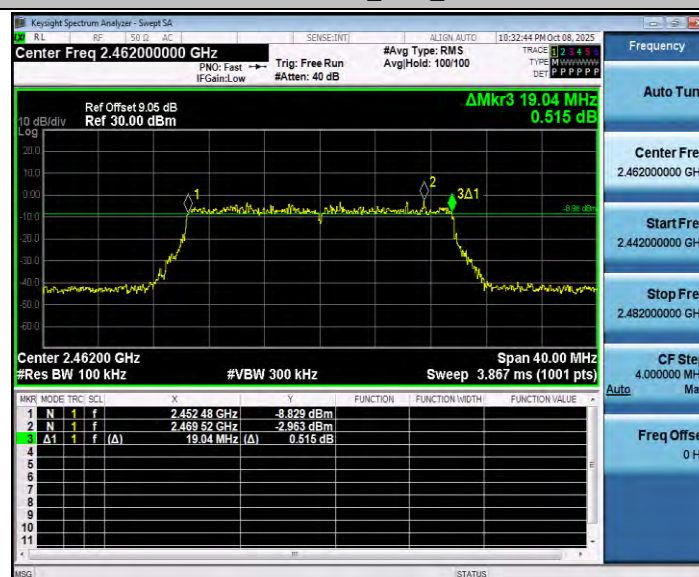
11AX20SISO_Ant1_2412



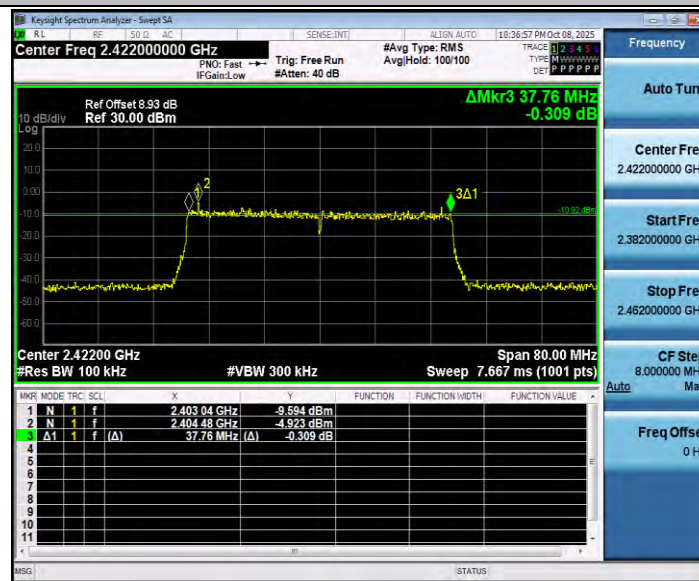
11AX20SISO_Ant1_2437



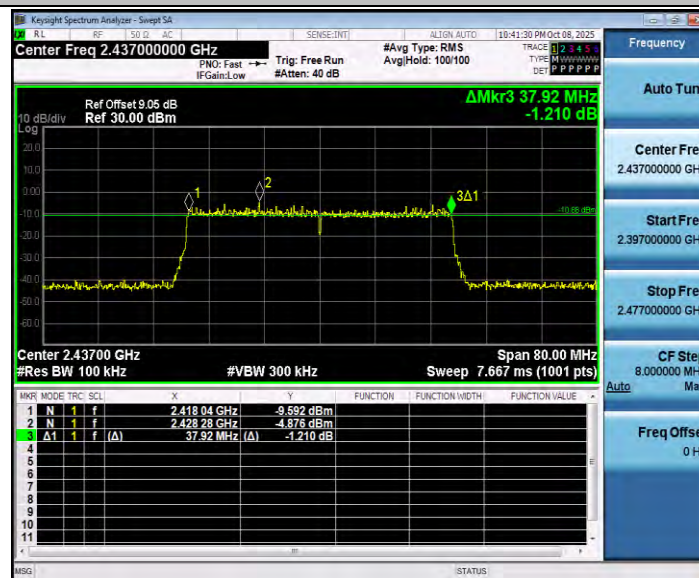
11AX20SISO_Ant1_2462



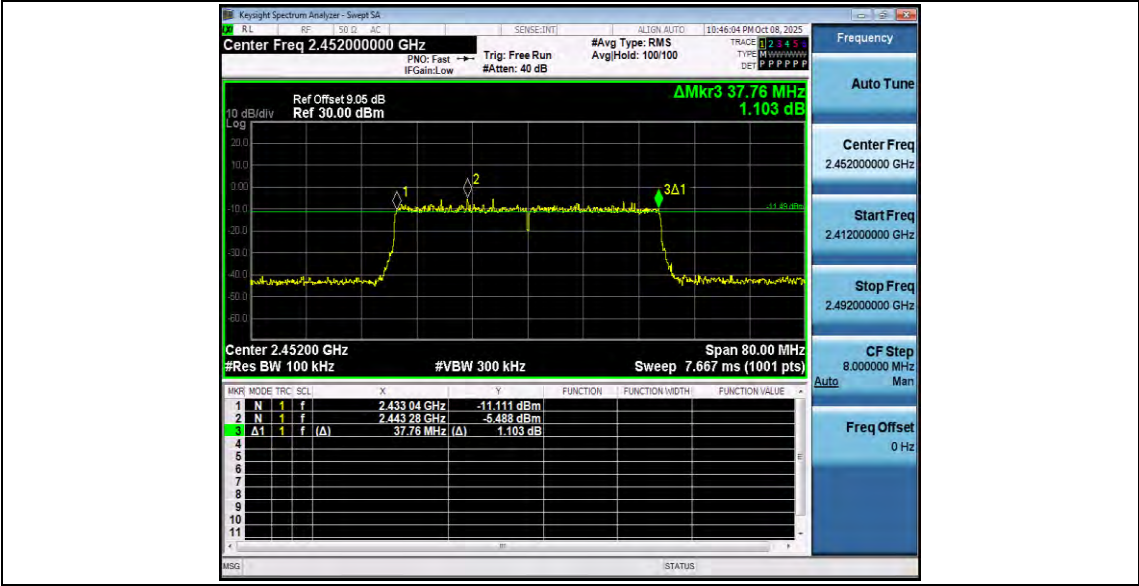
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.840	2405.5355	2418.3755	---	---
		2437	12.907	2430.5468	2443.4538	---	---
		2462	12.928	2455.5231	2468.4511	---	---
11G	Ant1	2412	17.464	2403.1591	2420.6231	---	---
		2437	17.524	2428.2334	2445.7574	---	---
		2462	17.392	2453.2414	2470.6334	---	---
11N20SISO	Ant1	2412	18.444	2402.7267	2421.1707	---	---
		2437	18.560	2427.7141	2446.2741	---	---
		2462	18.367	2452.7838	2471.1508	---	---
11N40SISO	Ant1	2422	36.842	2403.5042	2440.3462	---	---
		2437	36.774	2418.5973	2455.3713	---	---
		2452	36.674	2433.6848	2470.3588	---	---
11AX20SISO	Ant1	2412	19.447	2402.2925	2421.7395	---	---
		2437	19.214	2427.4000	2446.6140	---	---
		2462	19.214	2452.4021	2471.6161	---	---
11AX40SISO	Ant1	2422	37.997	2402.9088	2440.9058	---	---
		2437	38.137	2417.9256	2456.0626	---	---
		2452	38.025	2432.9227	2470.9477	---	---

Test Graphs

11B_Ant1_2412



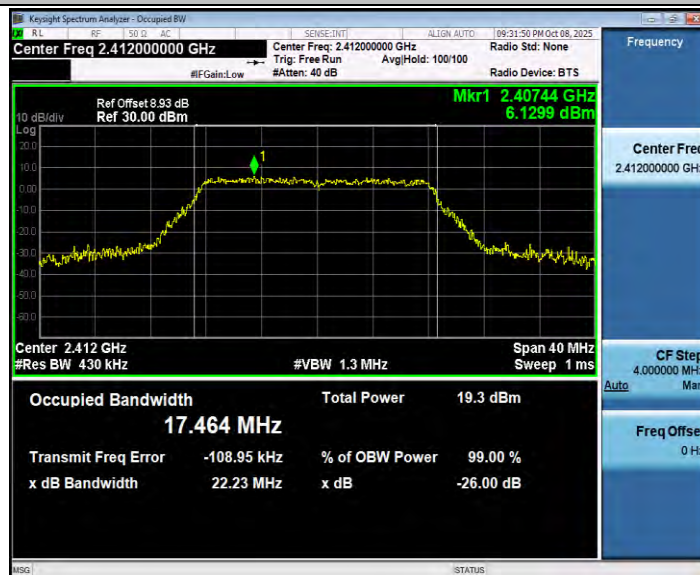
11B_Ant1_2437



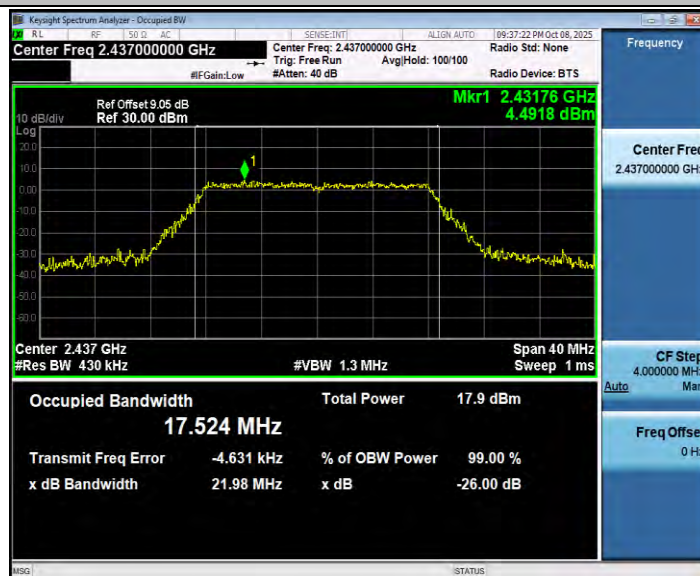
11B_Ant1_2462



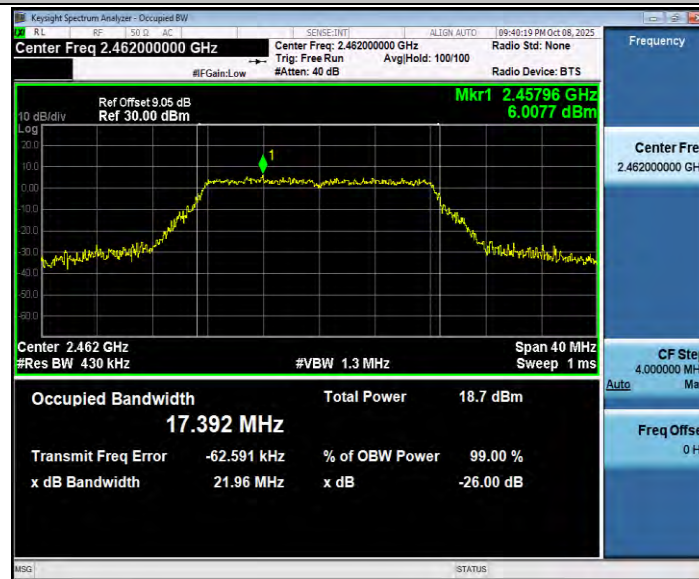
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



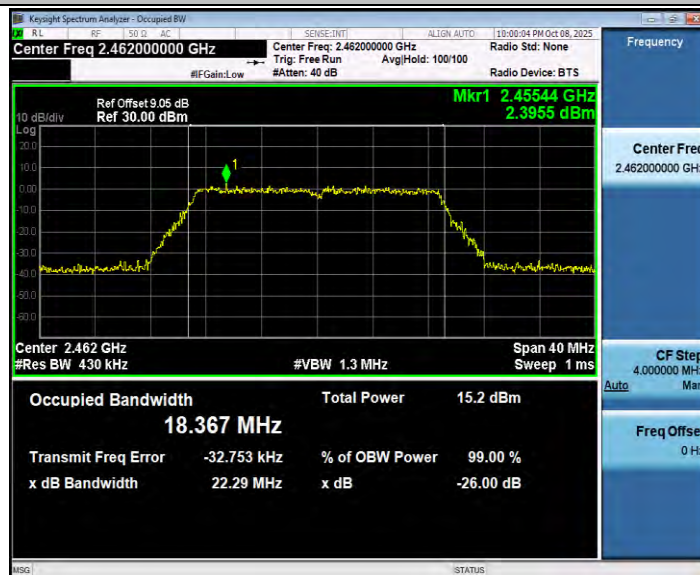
11N20SISO_Ant1_2412



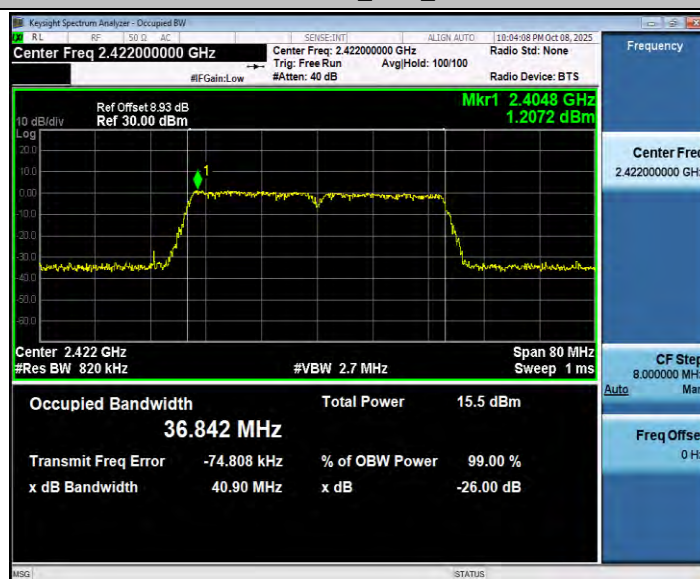
11N20SISO_Ant1_2437



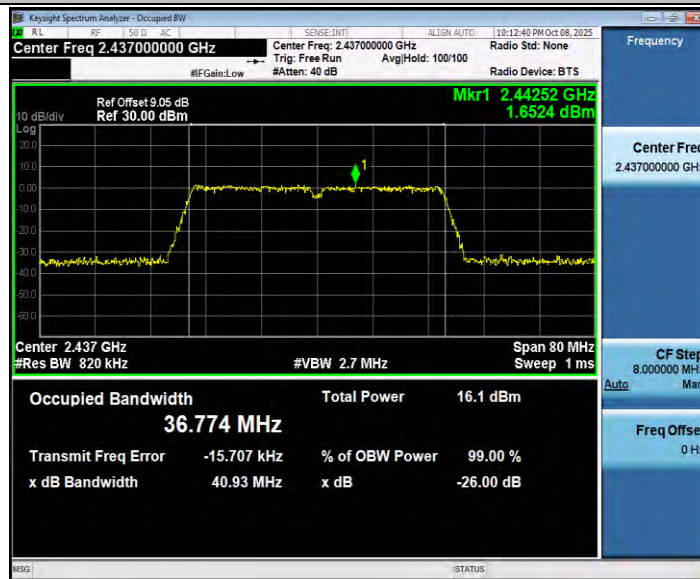
11N20SISO_Ant1_2462



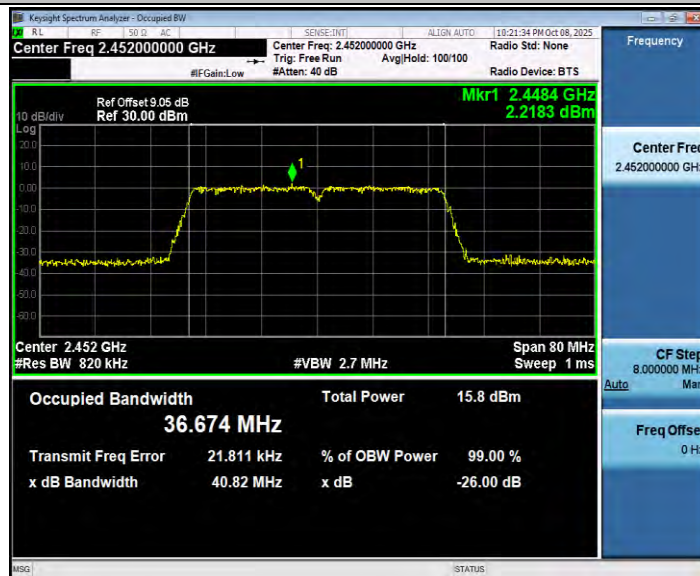
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



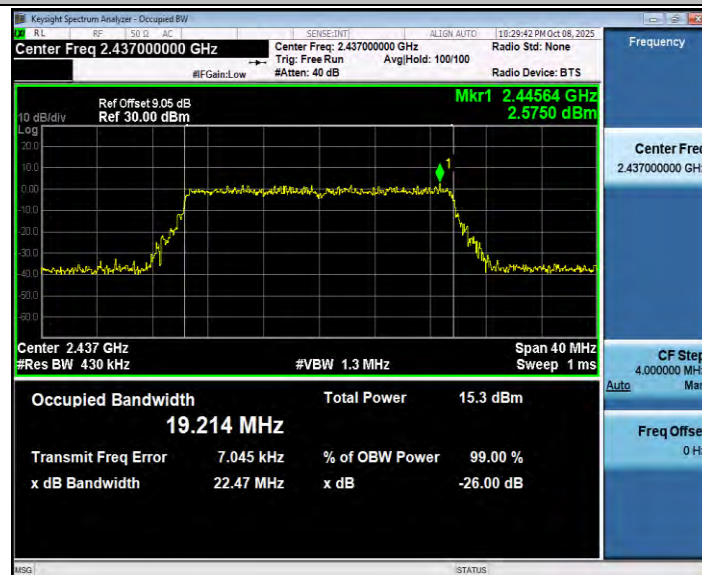
11N40SISO_Ant1_2452



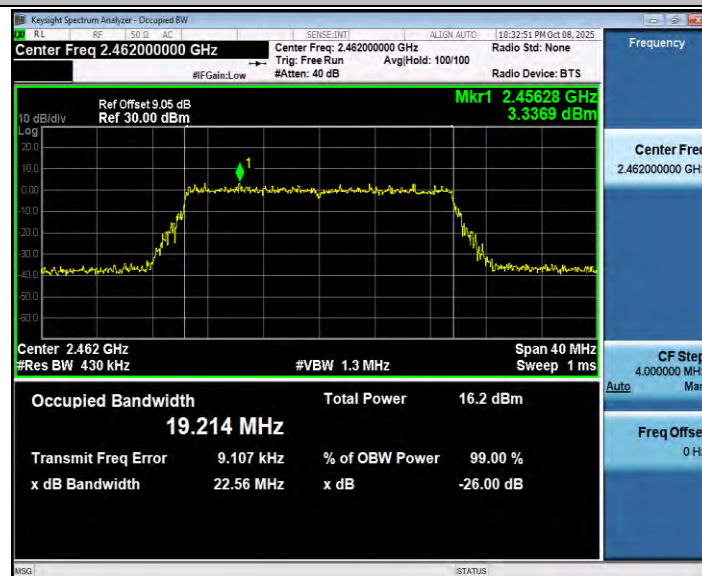
11AX20SISO_Ant1_2412



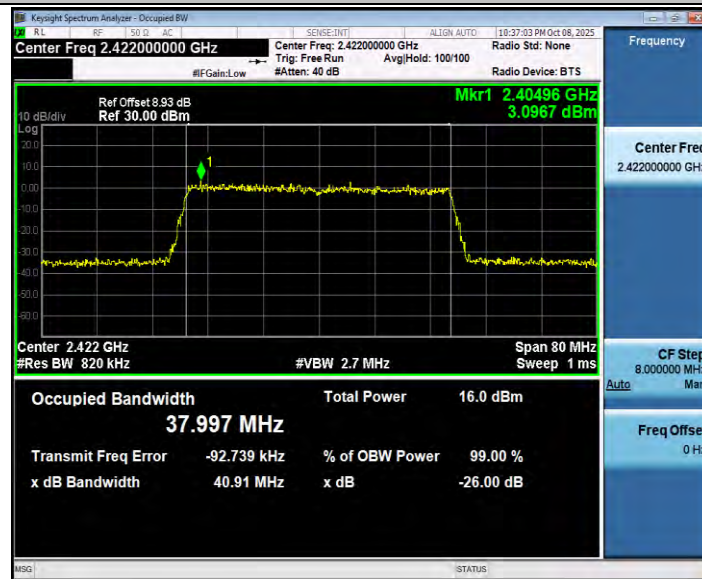
11AX20SISO_Ant1_2437



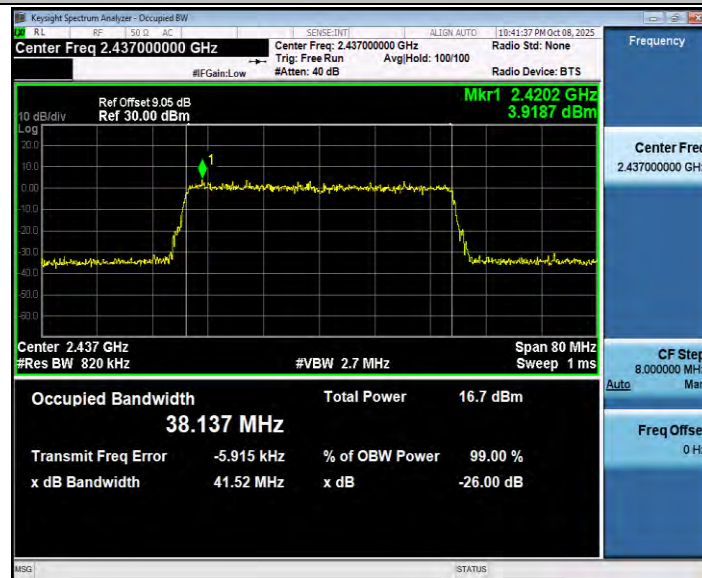
11AX20SISO_Ant1_2462



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	---	18.01	≤30.00	PASS
		2437	---	18.19	≤30.00	PASS
		2462	---	19.42	≤30.00	PASS
11G	Ant1	2412	---	20.40	≤30.00	PASS
		2437	---	19.08	≤30.00	PASS
		2462	---	19.93	≤30.00	PASS
11N20SI SO	Ant1	2412	---	15.73	≤30.00	PASS
		2437	---	15.62	≤30.00	PASS
		2462	---	16.38	≤30.00	PASS
11N40SI SO	Ant1	2422	---	15.83	≤30.00	PASS
		2437	---	16.34	≤30.00	PASS
		2452	---	16.26	≤30.00	PASS
11AX20S ISO	Ant1	2412	---	16.27	≤30.00	PASS
		2437	---	16.14	≤30.00	PASS
		2462	---	16.91	≤30.00	PASS
11AX40S ISO	Ant1	2422	---	16.33	≤30.00	PASS
		2437	---	16.78	≤30.00	PASS
		2452	---	16.54	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

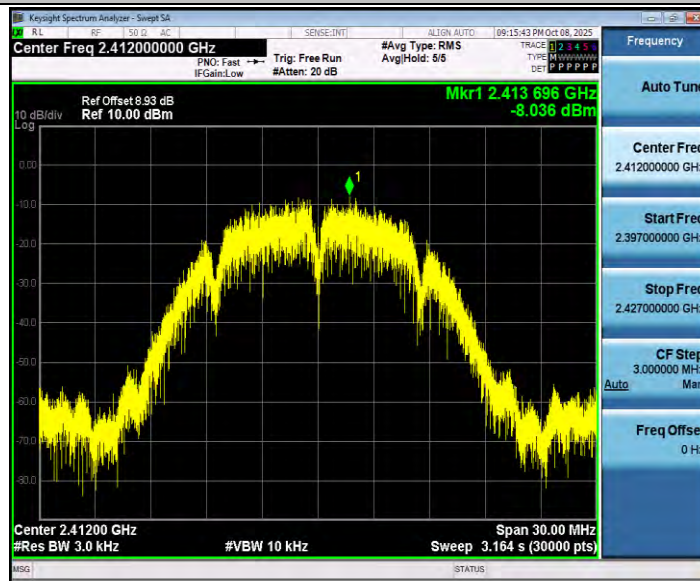
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.04	≤8.00	PASS
		2437	-8.17	≤8.00	PASS
		2462	-7.02	≤8.00	PASS
11G	Ant1	2412	-11.61	≤8.00	PASS
		2437	-14.22	≤8.00	PASS
		2462	-13.20	≤8.00	PASS
11N20SISO	Ant1	2412	-16.32	≤8.00	PASS
		2437	-16.91	≤8.00	PASS
		2462	-17.20	≤8.00	PASS
11N40SISO	Ant1	2422	-20.00	≤8.00	PASS
		2437	-18.37	≤8.00	PASS
		2452	-18.51	≤8.00	PASS
11AX20SISO	Ant1	2412	-17.50	≤8.00	PASS
		2437	-17.05	≤8.00	PASS
		2462	-16.37	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.51	≤8.00	PASS
		2437	-19.27	≤8.00	PASS
		2452	-19.67	≤8.00	PASS

Note:

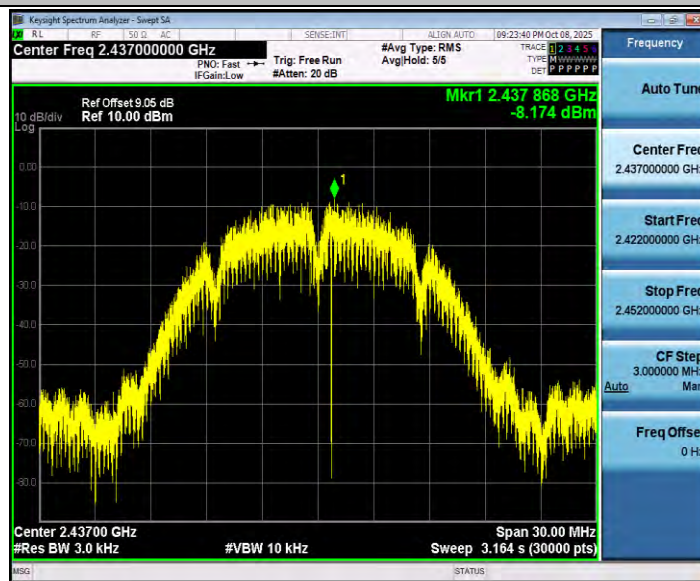
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11B_Ant1_2412



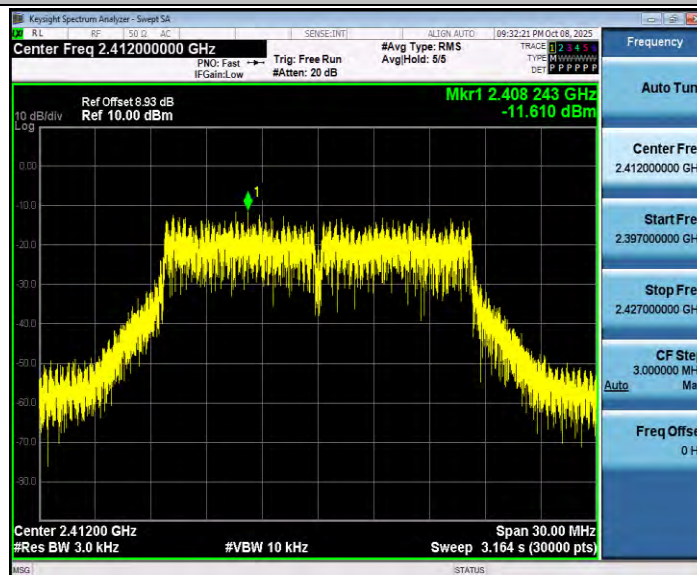
11B_Ant1_2437



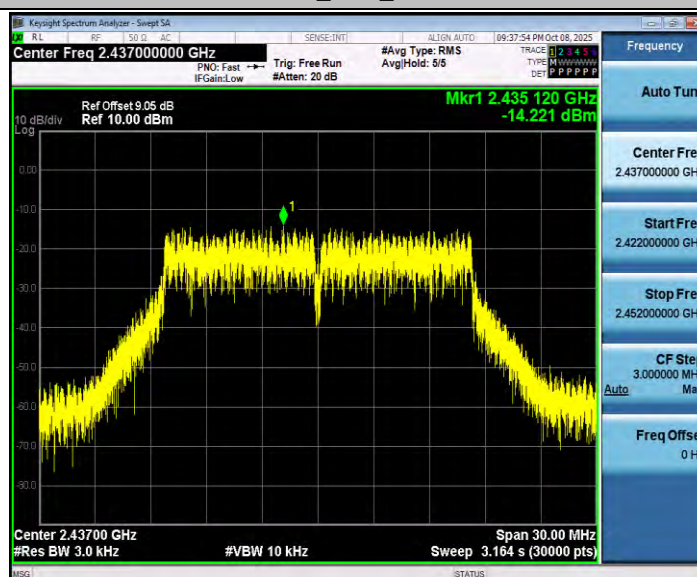
11B_Ant1_2462



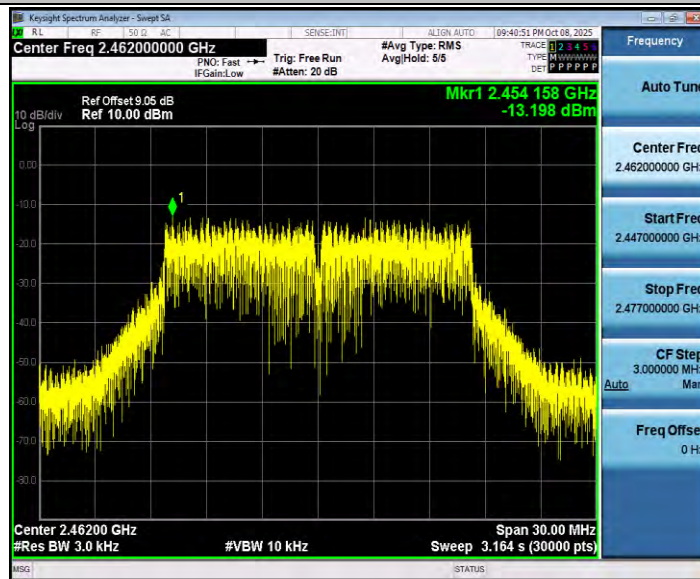
11G_Ant1_2412



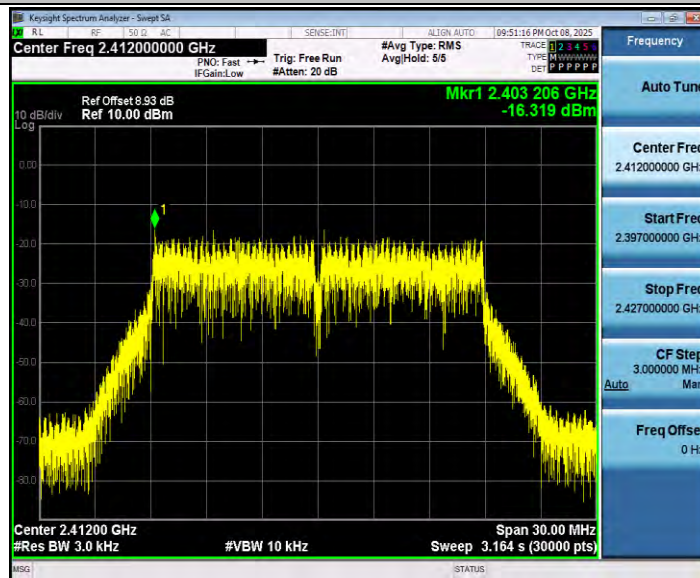
11G_Ant1_2437



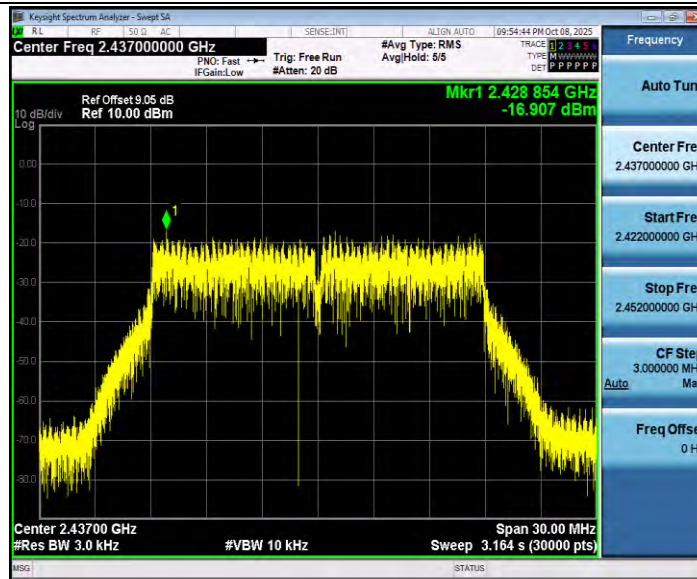
11G_Ant1_2462



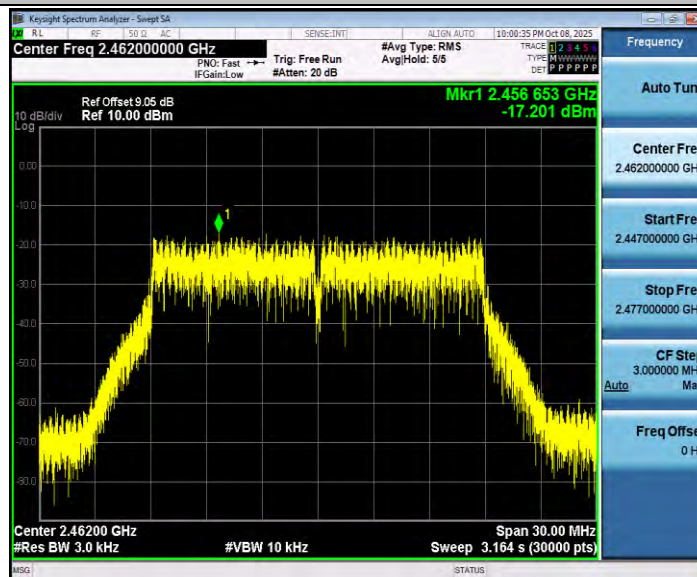
11N20SISO_Ant1_2412



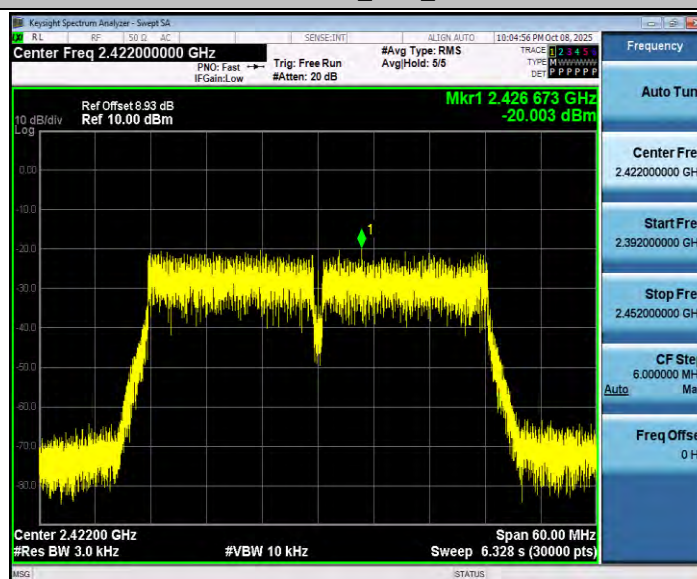
11N20SISO_Ant1_2437



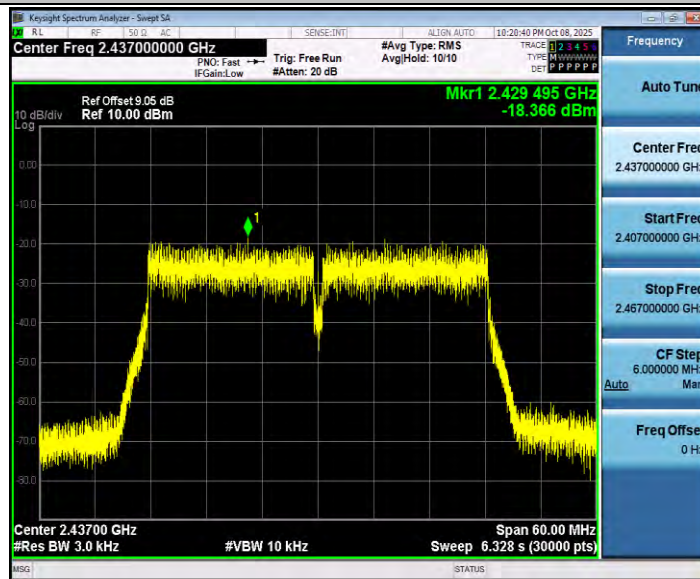
11N20SISO_Ant1_2462



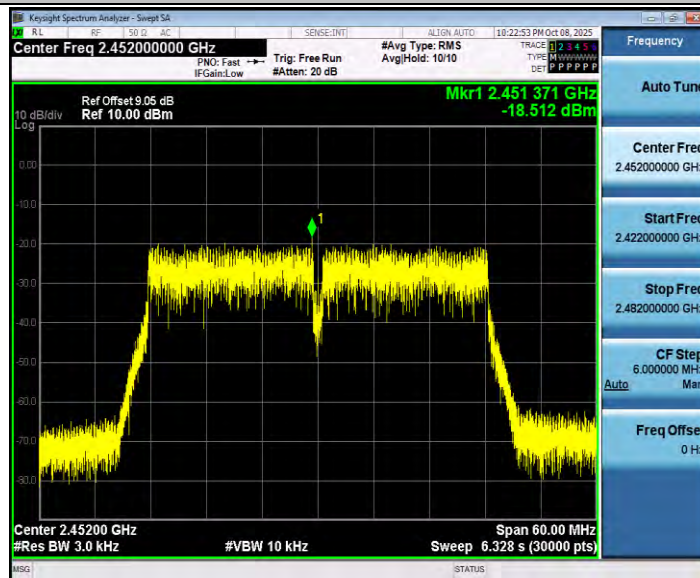
11N40SISO_Ant1_2422



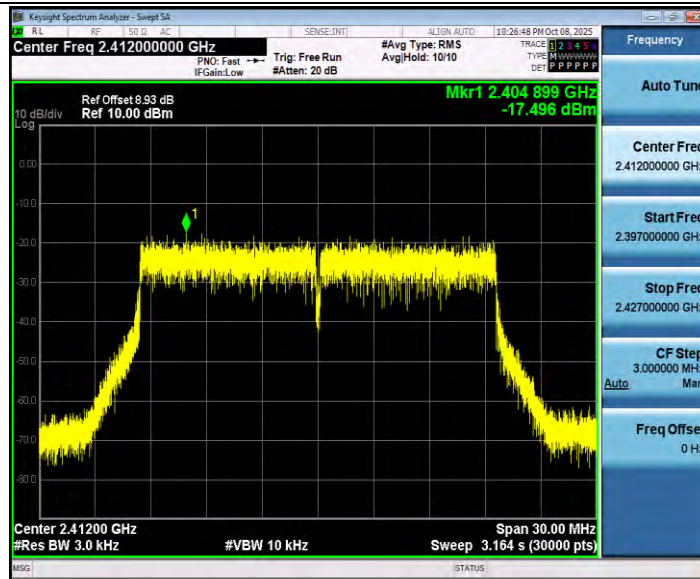
11N40SISO_Ant1_2437



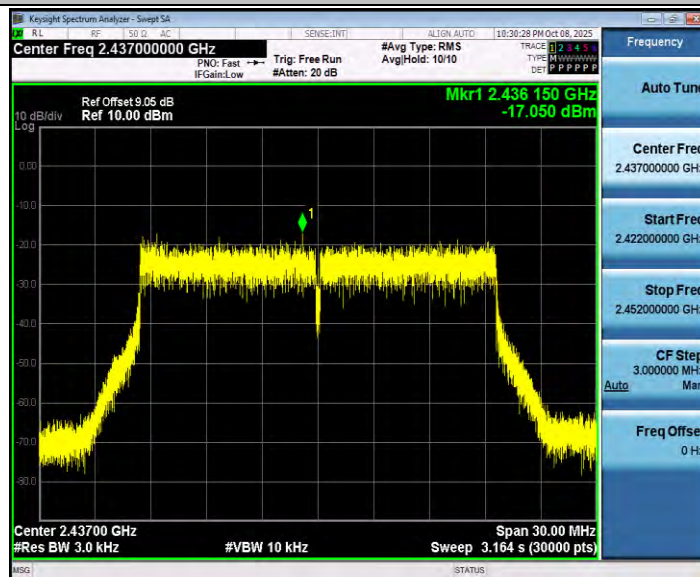
11N40SISO_Ant1_2452



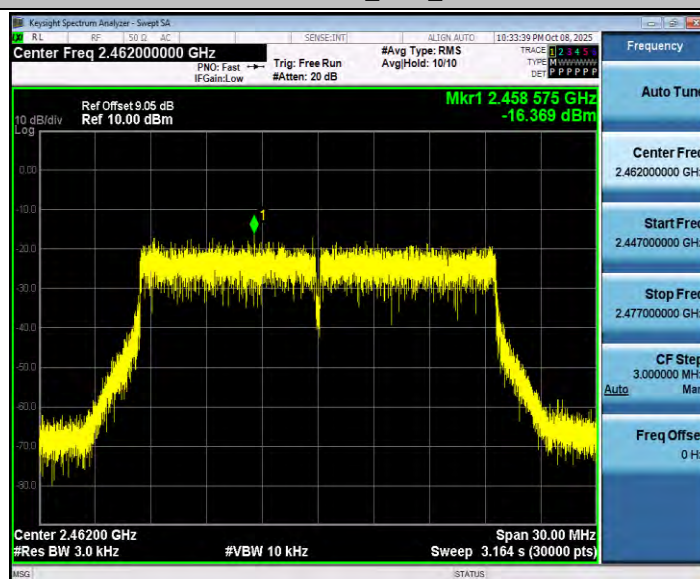
11AX20SISO_Ant1_2412



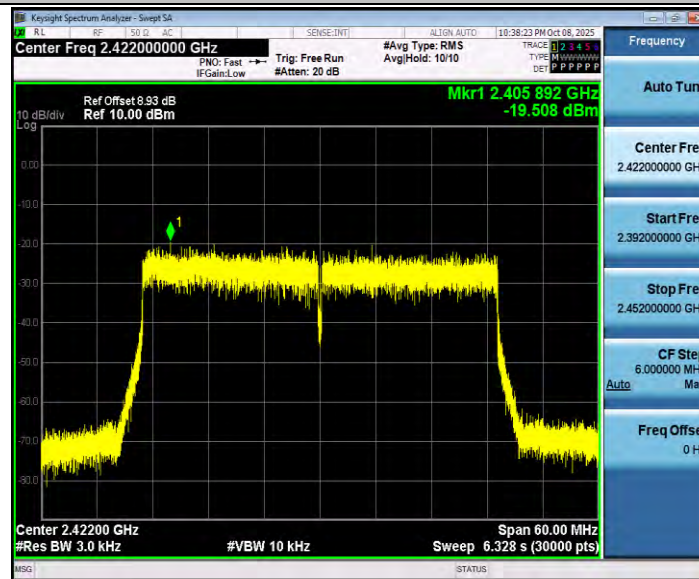
11AX20SISO_Ant1_2437



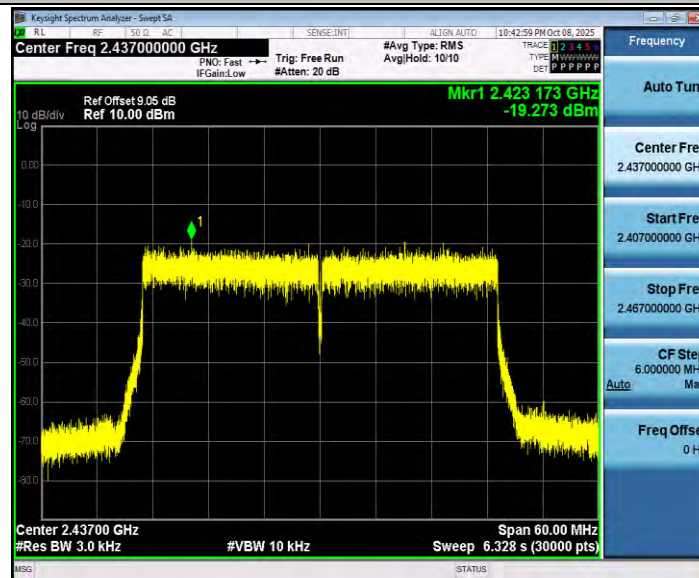
11AX20SISO_Ant1_2462



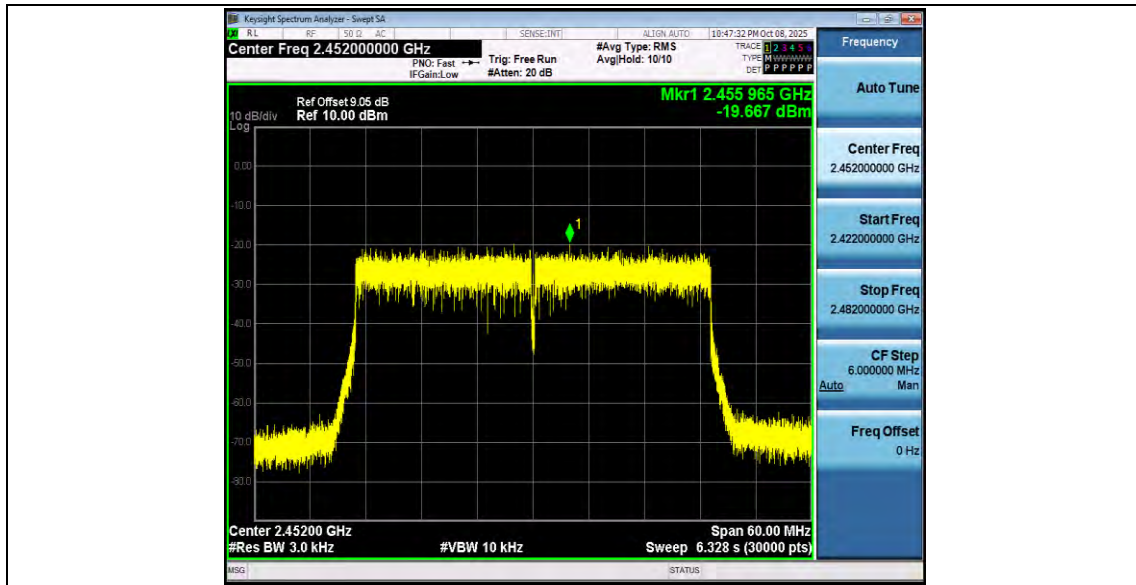
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



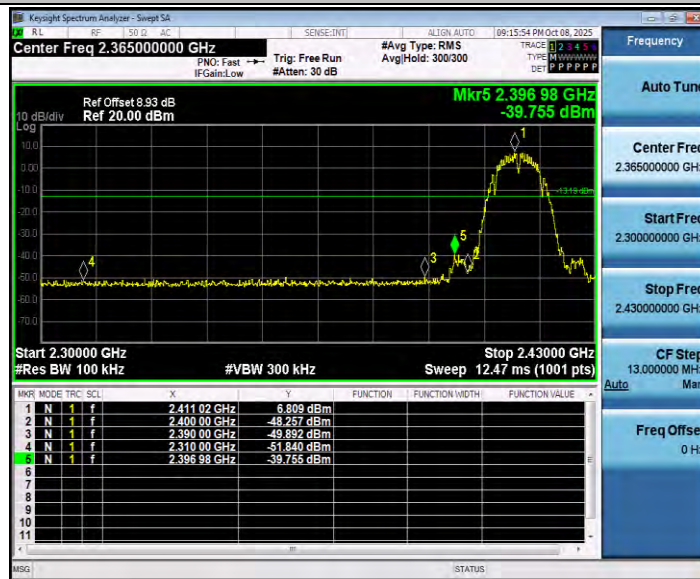
Appendix C.5: Band edge measurements

Test Result

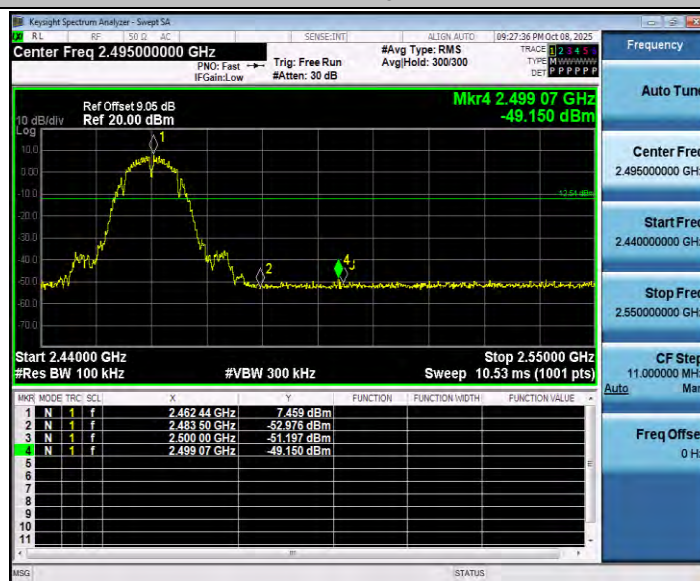
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.81	-39.76	≤-13.19	PASS
		High	2462	7.46	-49.15	≤-12.54	PASS
11G	Ant1	Low	2412	1.42	-31.8	≤-18.58	PASS
		High	2462	0.60	-43.69	≤-19.4	PASS
11N20SISO	Ant1	Low	2412	-3.21	-42.64	≤-23.21	PASS
		High	2462	-2.29	-48.67	≤-22.29	PASS
11N40SISO	Ant1	Low	2422	-5.21	-44.49	≤-25.21	PASS
		High	2452	-5.03	-46.45	≤-25.03	PASS
11AX20SISO	Ant1	Low	2412	-4.62	-41.57	≤-24.62	PASS
		High	2462	-2.35	-47.55	≤-22.35	PASS
11AX40SISO	Ant1	Low	2422	-5.08	-44.85	≤-25.08	PASS
		High	2452	-6.55	-46.53	≤-26.55	PASS

Test Graphs

11B_Ant1_Low_2412



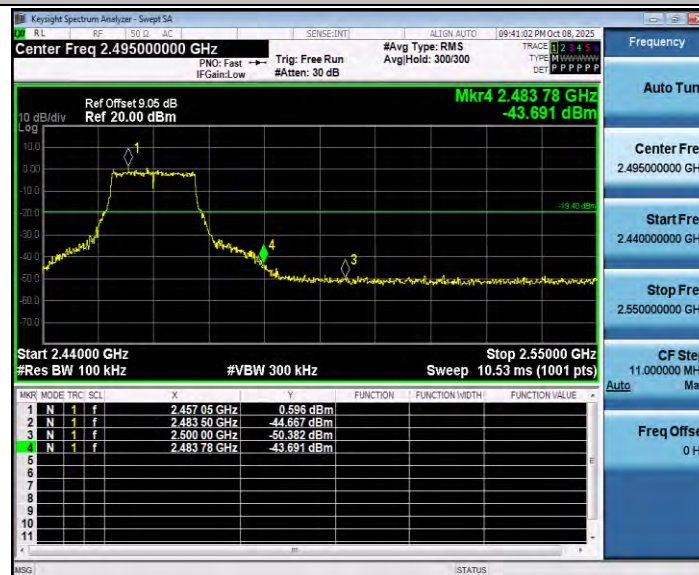
11B_Ant1_High_2462



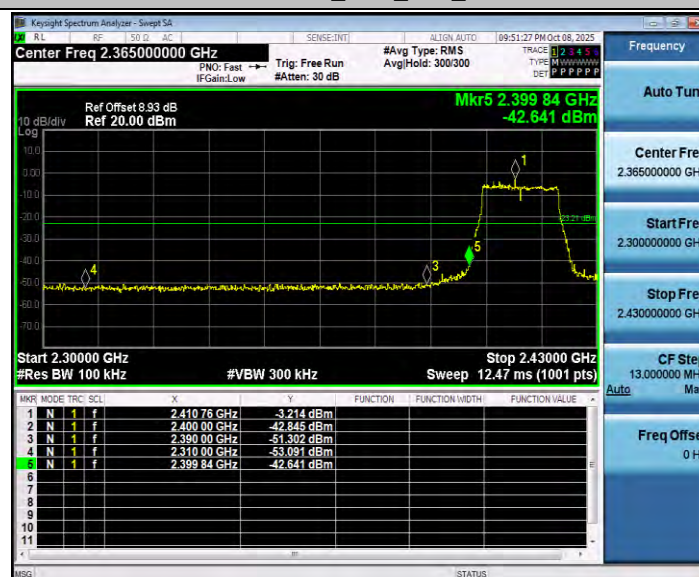
11G_Ant1_Low_2412



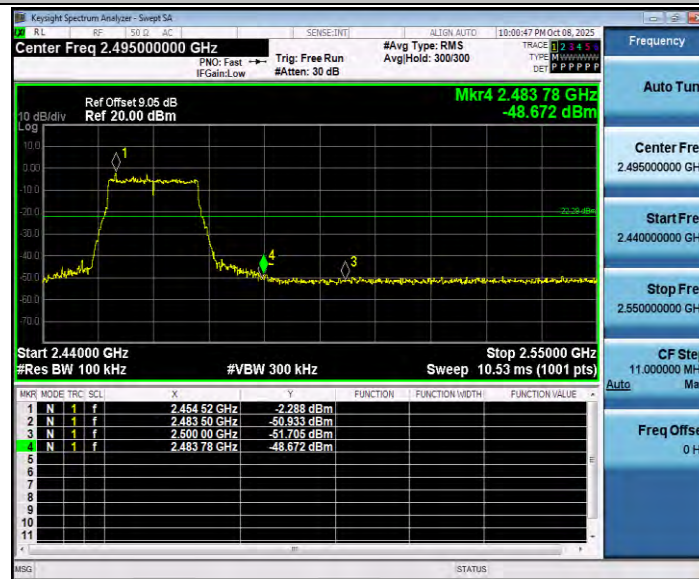
11G_Ant1_High_2462



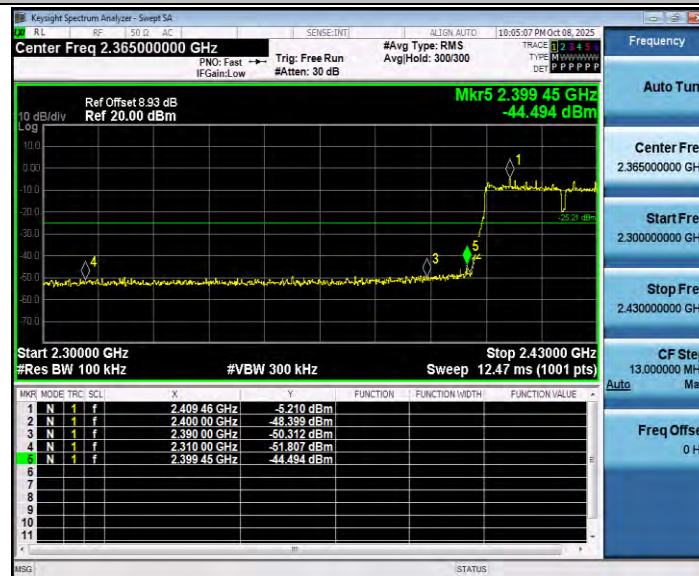
11N20SISO_Ant1_Low_2412



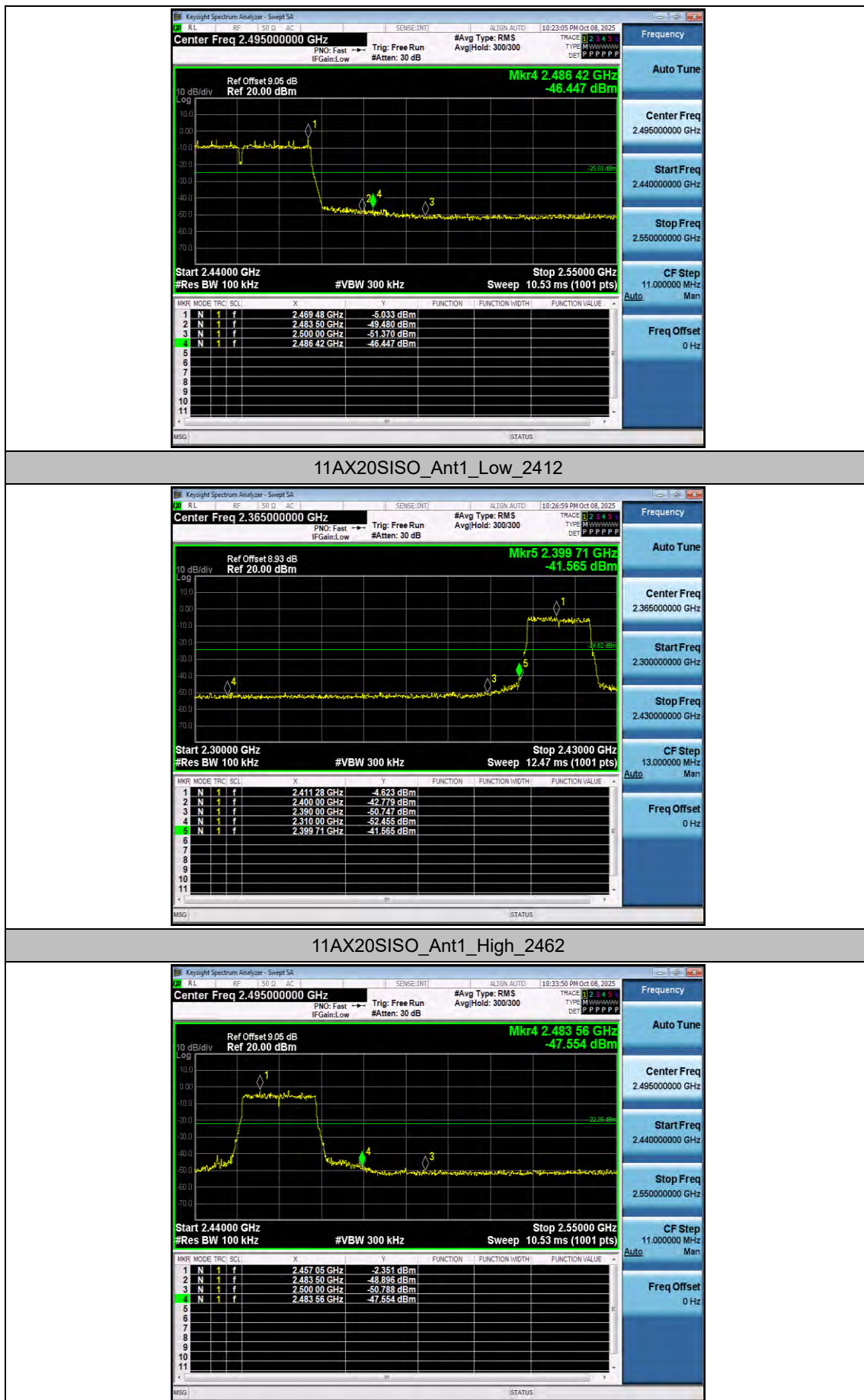
11N20SISO_Ant1_High_2462



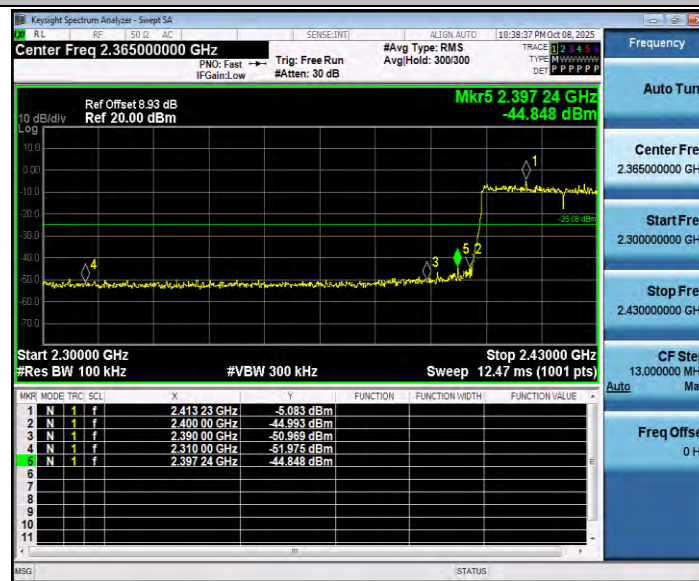
11N40SISO_Ant1_Low_2422



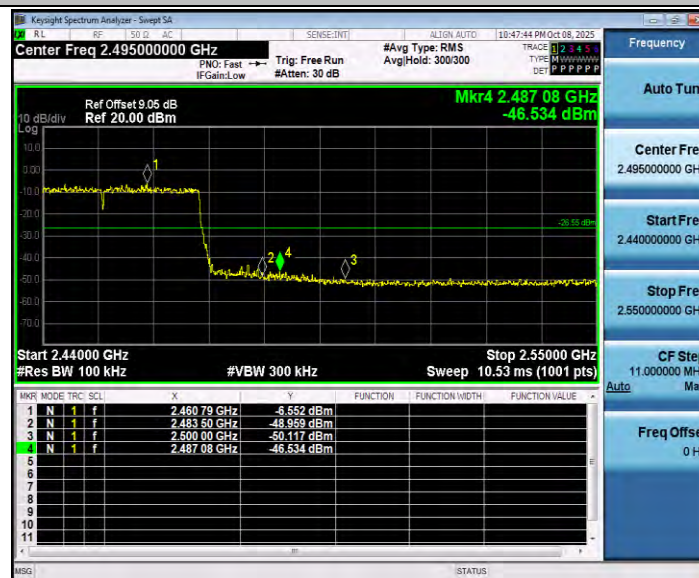
11N40SISO_Ant1_High_2452



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	5.47	5.47	---	PASS
			30~1000	5.47	-55.18	≤-14.53	PASS
			1000~26500	5.47	-34.24	≤-14.53	PASS
		2437	Reference	4.62	4.62	---	PASS
			30~1000	4.62	-54.34	≤-15.38	PASS
			1000~26500	4.62	-31.67	≤-15.38	PASS
		2462	Reference	6.18	6.18	---	PASS
			30~1000	6.18	-54.65	≤-13.82	PASS
			1000~26500	6.18	-30.14	≤-13.82	PASS
11G	Ant1	2412	Reference	-1.07	-1.07	---	PASS
			30~1000	-1.07	-55.13	≤-21.07	PASS
			1000~26500	-1.07	-36.82	≤-21.07	PASS
		2437	Reference	-2.53	-2.53	---	PASS
			30~1000	-2.53	-54.21	≤-22.53	PASS
			1000~26500	-2.53	-34.75	≤-22.53	PASS
		2462	Reference	0.19	0.19	---	PASS
			30~1000	0.19	-55.08	≤-19.81	PASS
			1000~26500	0.19	-35.38	≤-19.81	PASS
11N20SISO	Ant1	2412	Reference	-5.47	-5.47	---	PASS
			30~1000	-5.47	-55.27	≤-25.47	PASS
			1000~26500	-5.47	-41.05	≤-25.47	PASS
		2437	Reference	-3.69	-3.69	---	PASS
			30~1000	-3.69	-55.48	≤-23.69	PASS
			1000~26500	-3.69	-37.34	≤-23.69	PASS
		2462	Reference	-5.33	-5.33	---	PASS
			30~1000	-5.33	-55.34	≤-25.33	PASS
			1000~26500	-5.33	-37.53	≤-25.33	PASS
11N40SISO	Ant1	2422	Reference	-8.87	-8.87	---	PASS
			30~1000	-8.87	-55.29	≤-28.87	PASS
			1000~26500	-8.87	-39.37	≤-28.87	PASS
		2437	Reference	-5.67	-5.67	---	PASS
			30~1000	-5.67	-54.93	≤-25.67	PASS
			1000~26500	-5.67	-37.28	≤-25.67	PASS
		2452	Reference	-8.41	-8.41	---	PASS
			30~1000	-8.41	-54.79	≤-28.41	PASS
			1000~26500	-8.41	-37	≤-28.41	PASS
11AX20SISO	Ant1	2412	Reference	-5.94	-5.94	---	PASS

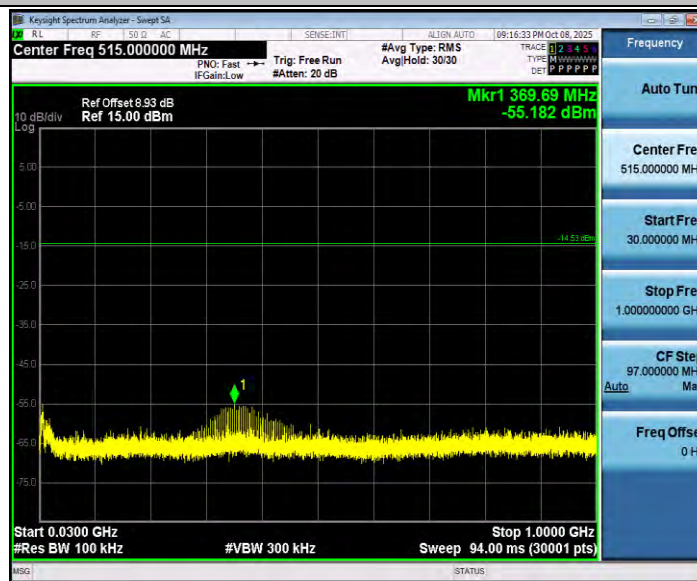
			30~1000	-5.94	-55.96	≤-25.94	PASS
			1000~26500	-5.94	-40.43	≤-25.94	PASS
		2437	Reference	-5.67	-5.67	---	PASS
			30~1000	-5.67	-55.28	≤-25.67	PASS
			1000~26500	-5.67	-37.1	≤-25.67	PASS
		2462	Reference	-4.73	-4.73	---	PASS
			30~1000	-4.73	-55.73	≤-24.73	PASS
			1000~26500	-4.73	-37.46	≤-24.73	PASS
		11AX40SISO	Ant1	2422	Reference	-7.36	-7.36
30~1000	-7.36				-55.56	≤-27.36	PASS
1000~26500	-7.36				-39.44	≤-27.36	PASS
2437	Reference			-7.71	-7.71	---	PASS
	30~1000			-7.71	-55.48	≤-27.71	PASS
	1000~26500			-7.71	-37.39	≤-27.71	PASS
2452	Reference			-8.50	-8.50	---	PASS
	30~1000			-8.50	-54.78	≤-28.5	PASS
	1000~26500			-8.50	-37.32	≤-28.5	PASS

Test Graphs

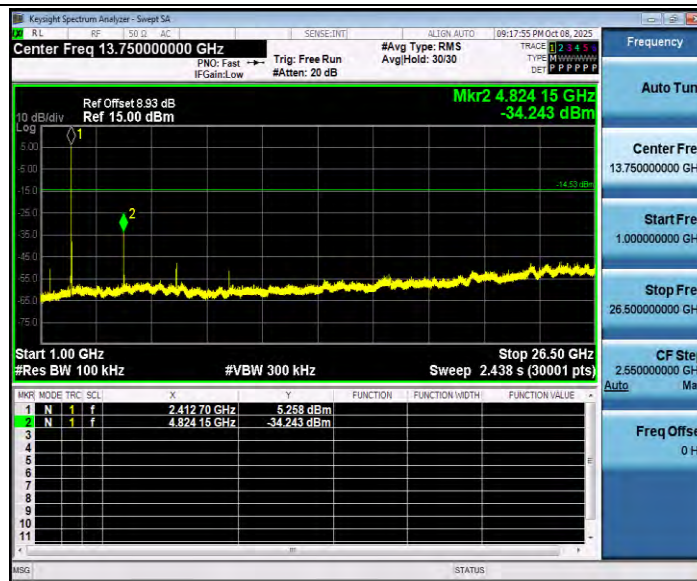
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



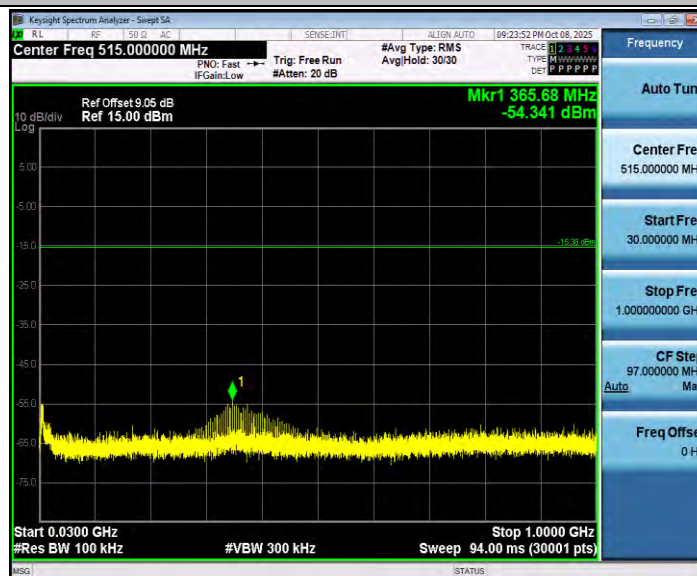
11B_Ant1_2412_1000~26500



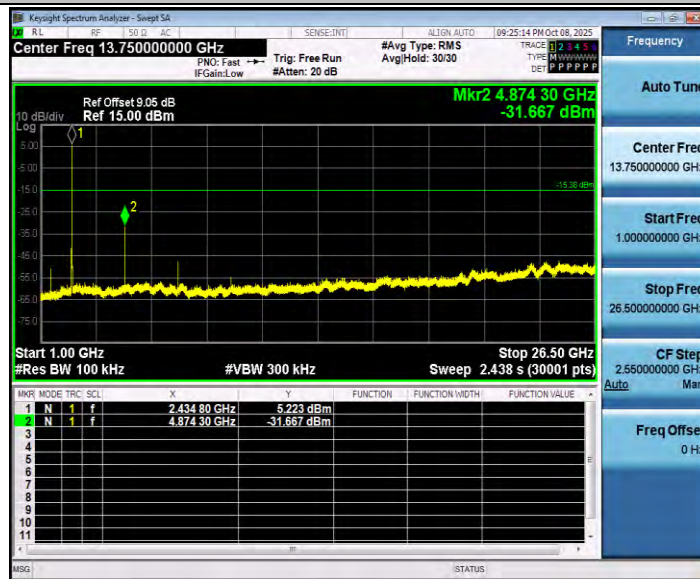
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



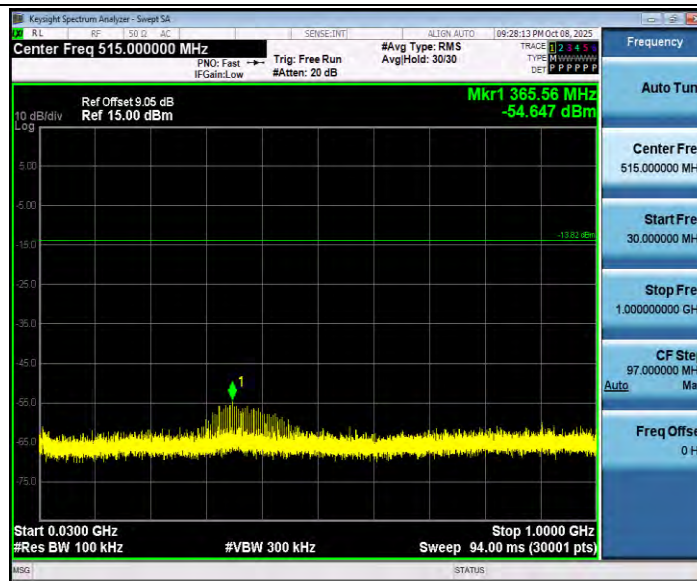
11B_Ant1_2437_1000~26500



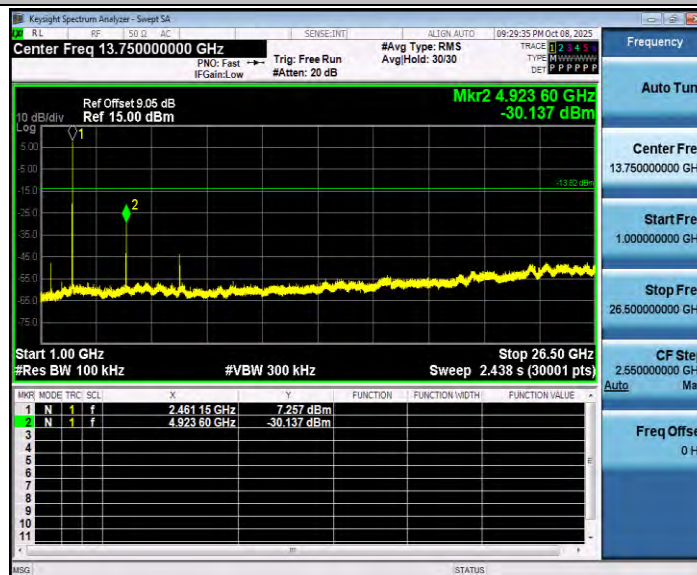
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference

