

Case No. : <u>GTS20250903022-1-11</u>
Ambient Condition: <u>23℃,49%RH,</u>
Test Date: <u>2025.9.13-2025.10.21</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	9.280	2407.320	2416.600	0.5	PASS
		2437	9.360	2432.280	2441.640	0.5	PASS
		2462	9.320	2457.280	2466.600	0.5	PASS
11G	Ant1	2412	16.640	2403.560	2420.200	0.5	PASS
		2437	16.400	2428.760	2445.160	0.5	PASS
		2462	16.800	2453.440	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.920	2402.960	2420.880	0.5	PASS
		2437	17.840	2428.160	2446.000	0.5	PASS
		2462	17.720	2453.120	2470.840	0.5	PASS
11N40SISO	Ant1	2422	36.480	2403.680	2440.160	0.5	PASS
		2437	36.400	2418.680	2455.080	0.5	PASS
		2452	36.480	2433.680	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	18.880	2402.480	2421.360	0.5	PASS
		2437	19.000	2427.480	2446.480	0.5	PASS
		2462	19.000	2452.400	2471.400	0.5	PASS
11AX40SISO	Ant1	2422	37.680	2403.040	2440.720	0.5	PASS
		2437	38.240	2417.800	2456.040	0.5	PASS
		2452	37.840	2432.960	2470.800	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G Ant1 2462



11N20SISO Ant1 2412



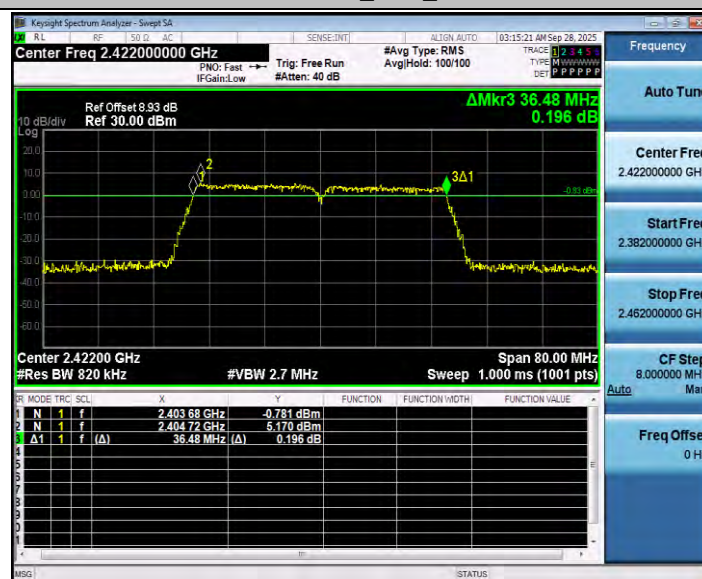
11N20SISO Ant1 2437



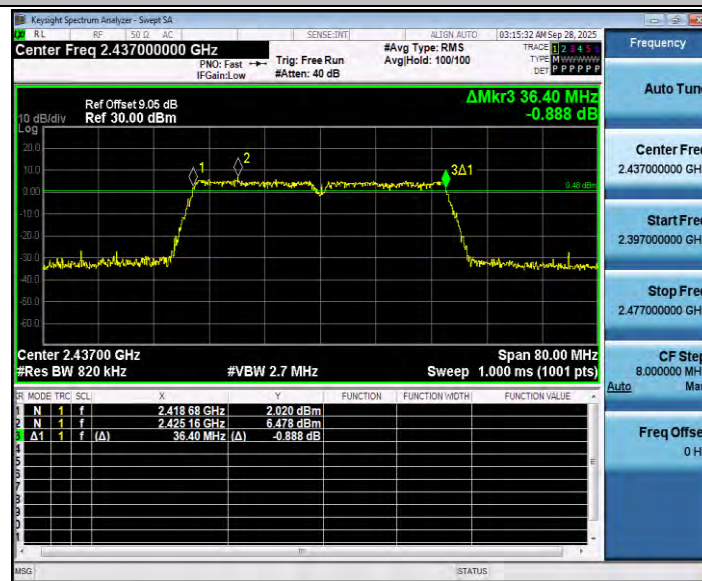
11N20SISO_Ant1_2462



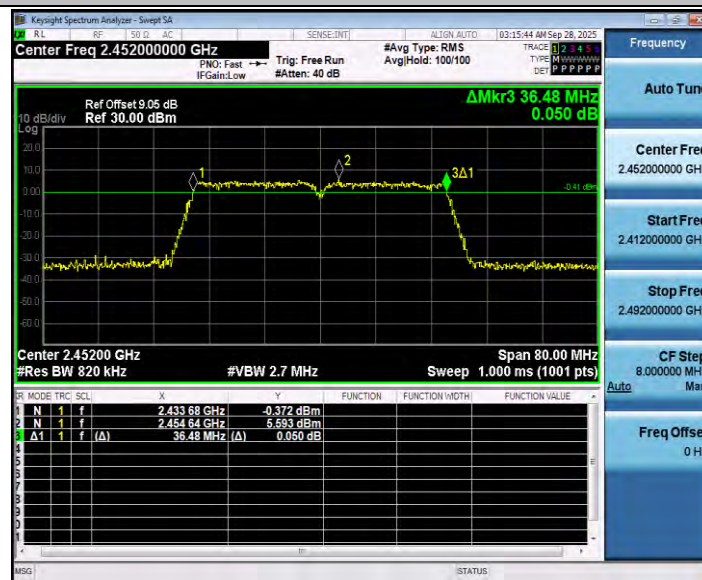
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



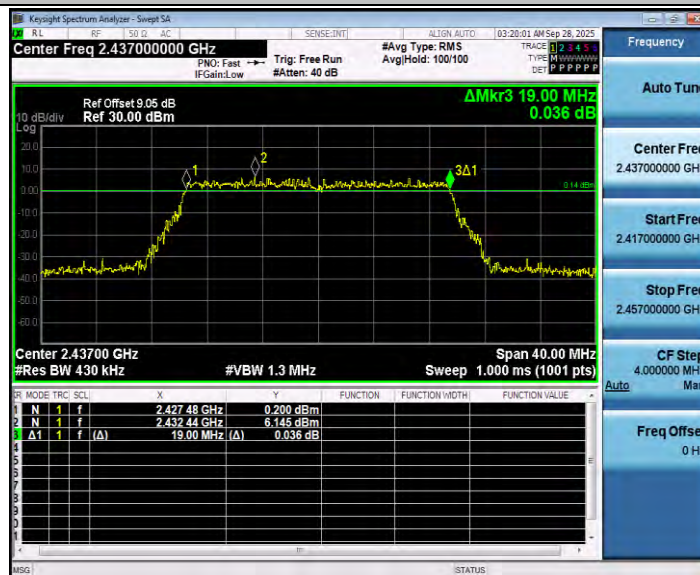
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11AX20SISO_Ant1_2412



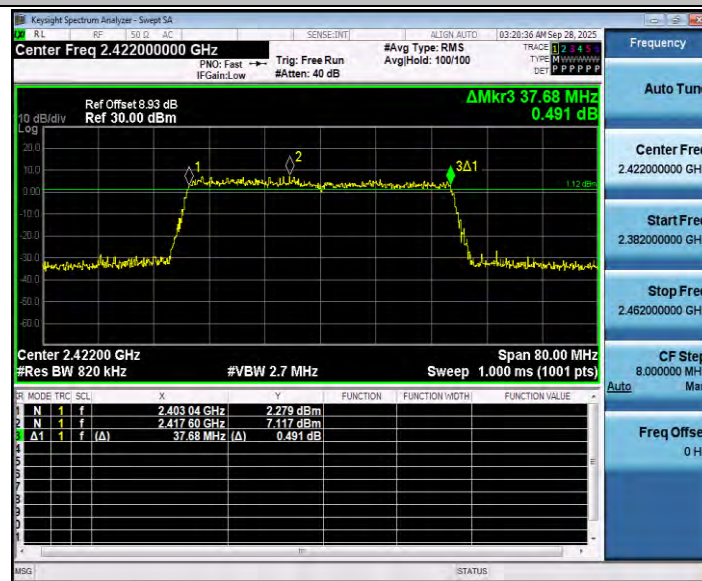
11AX20SISO_Ant1_2437



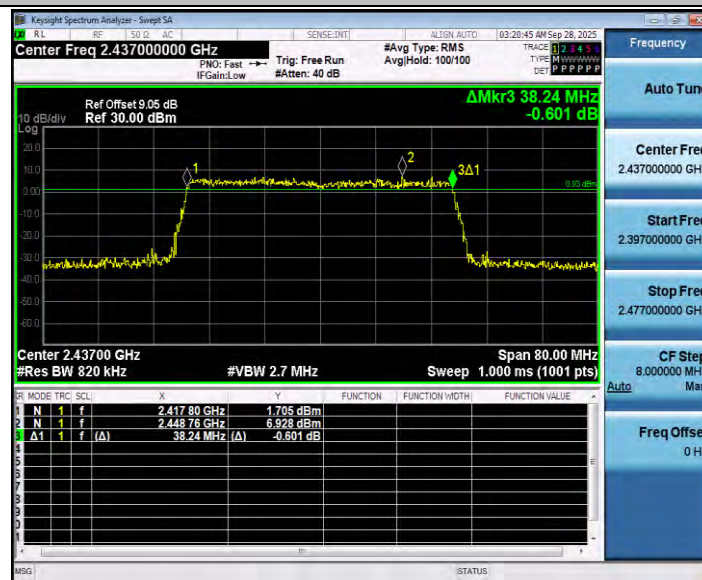
11AX20SISO_Ant1_2462



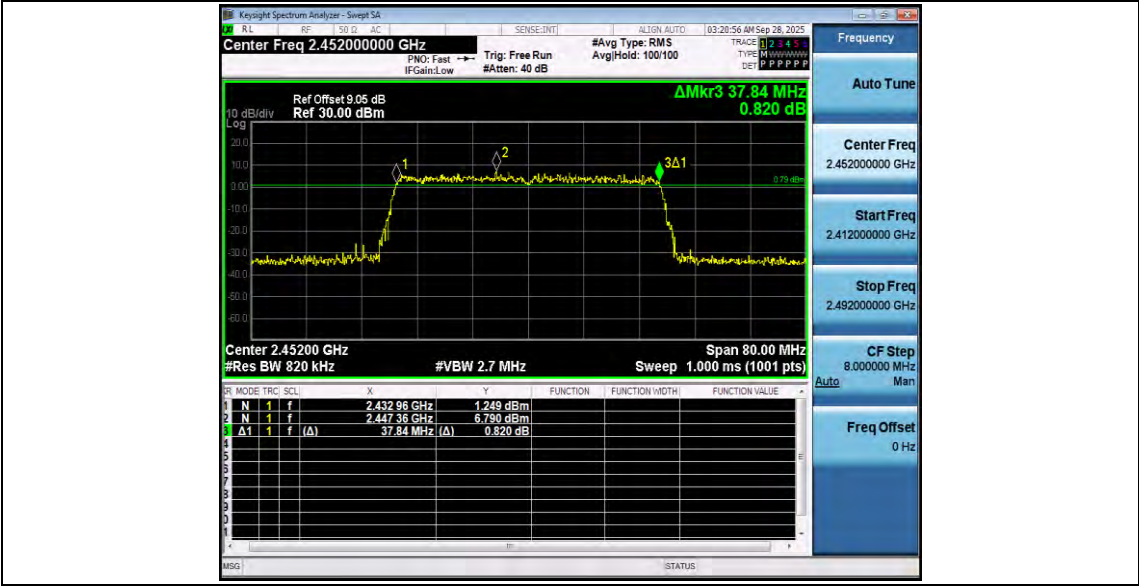
11AX40SISO_Ant1_2422



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	13.225	2405.4680	2418.6930	---	---
		2437	13.229	2430.3878	2443.6168	---	---
		2462	13.197	2455.3960	2468.5930	---	---
11G	Ant1	2412	17.271	2403.3908	2420.6618	---	---
		2437	17.269	2428.3576	2445.6266	---	---
		2462	17.372	2453.2289	2470.6009	---	---
11N20SISO	Ant1	2412	18.551	2402.7350	2421.2860	---	---
		2437	18.507	2427.6986	2446.2056	---	---
		2462	18.487	2452.7248	2471.2118	---	---
11N40SISO	Ant1	2422	36.636	2403.6828	2440.3188	---	---
		2437	36.855	2418.5473	2455.4023	---	---
		2452	36.624	2433.6455	2470.2695	---	---
11AX20SISO	Ant1	2412	19.216	2402.4505	2421.6665	---	---
		2437	19.217	2427.3769	2446.5939	---	---
		2462	19.283	2452.3738	2471.6568	---	---
11AX40SISO	Ant1	2422	37.885	2403.0806	2440.9656	---	---
		2437	37.991	2417.9830	2455.9740	---	---
		2452	37.895	2432.9823	2470.8773	---	---

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



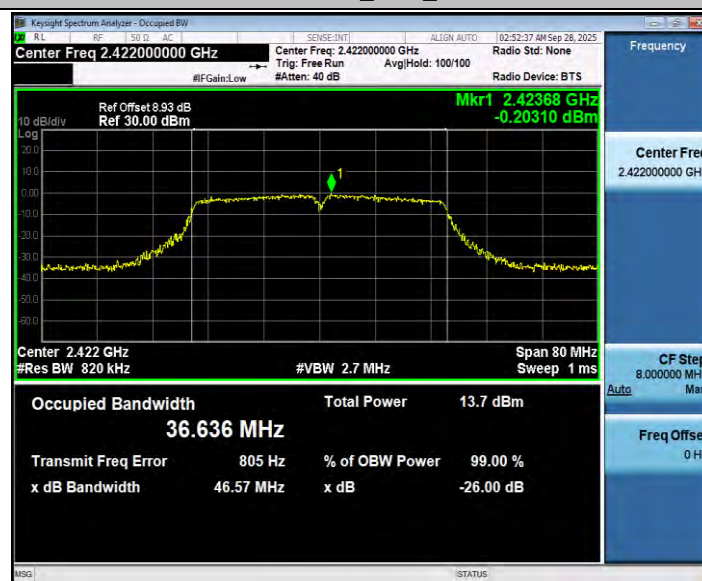
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



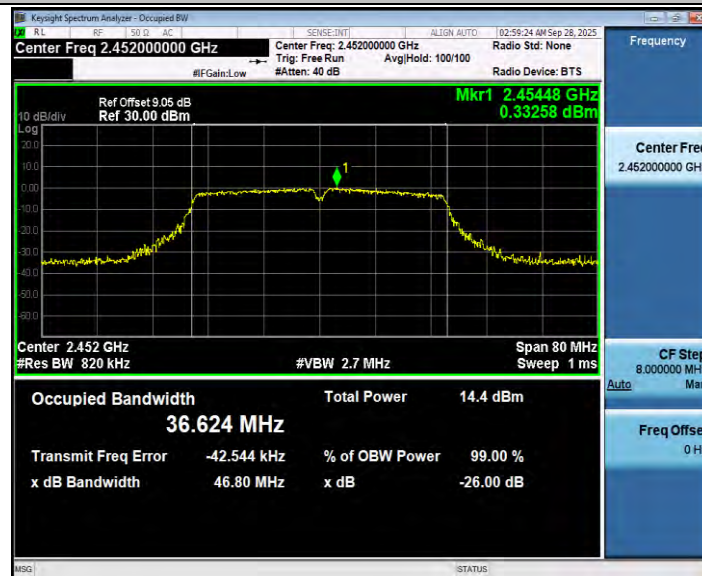
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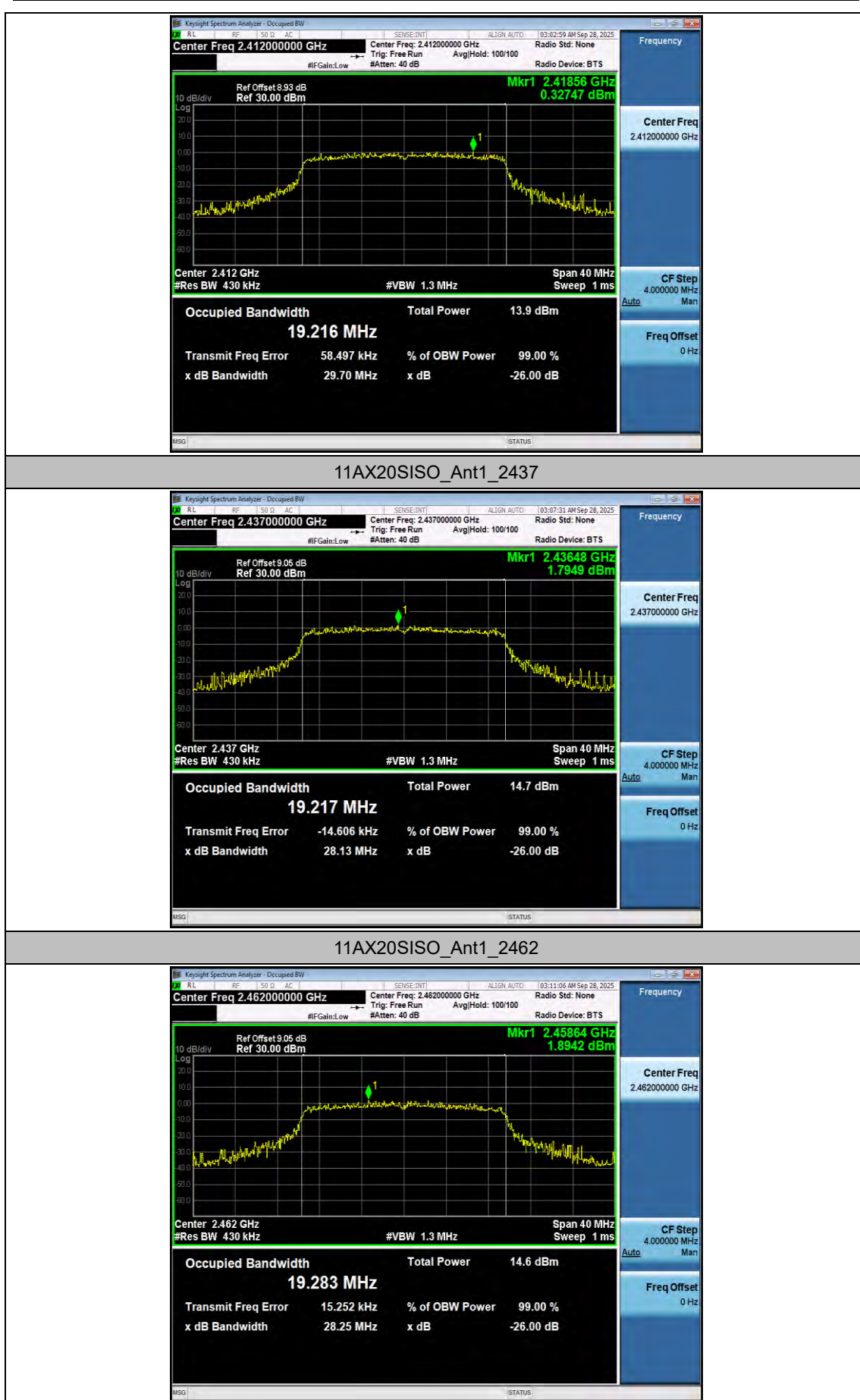
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	19.86	≤30.00	PASS
		2437	19.56	≤30.00	PASS
		2462	19.04	≤30.00	PASS
11G	Ant1	2412	16.82	≤30.00	PASS
		2437	17.17	≤30.00	PASS
		2462	16.92	≤30.00	PASS
11N20SISO	Ant1	2412	14.19	≤30.00	PASS
		2437	15.07	≤30.00	PASS
		2462	14.65	≤30.00	PASS
11N40SISO	Ant1	2422	13.98	≤30.00	PASS
		2437	15.00	≤30.00	PASS
		2452	14.85	≤30.00	PASS
11AX20SISO	Ant1	2412	14.63	≤30.00	PASS
		2437	15.57	≤30.00	PASS
		2462	15.07	≤30.00	PASS
11AX40SISO	Ant1	2422	14.56	≤30.00	PASS
		2437	15.46	≤30.00	PASS
		2452	15.25	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

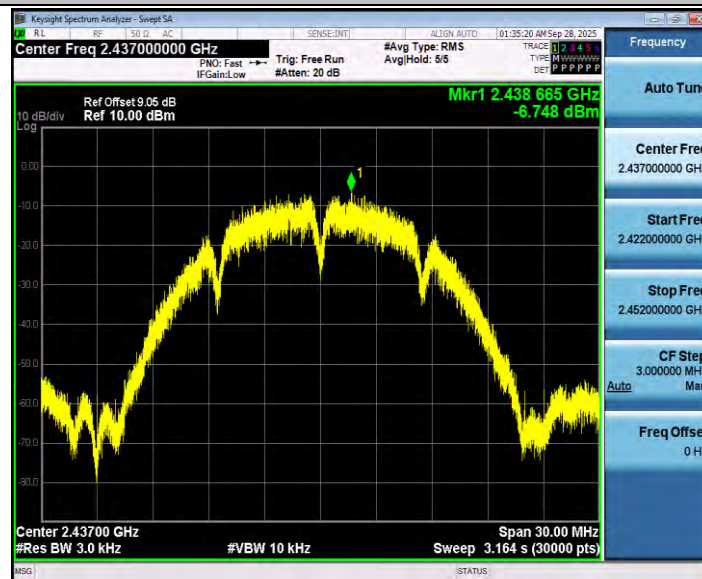
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.67	≤8.00	PASS
		2437	-6.75	≤8.00	PASS
		2462	-6.79	≤8.00	PASS
11G	Ant1	2412	-15.65	≤8.00	PASS
		2437	-16.18	≤8.00	PASS
		2462	-15.44	≤8.00	PASS
11N20SISO	Ant1	2412	-18.64	≤8.00	PASS
		2437	-17.47	≤8.00	PASS
		2462	-17.42	≤8.00	PASS
11N40SISO	Ant1	2422	-20.82	≤8.00	PASS
		2437	-20.54	≤8.00	PASS
		2452	-20.10	≤8.00	PASS
11AX20SISO	Ant1	2412	-19.62	≤8.00	PASS
		2437	-18.59	≤8.00	PASS
		2462	-18.01	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.98	≤8.00	PASS
		2437	-21.20	≤8.00	PASS
		2452	-20.37	≤8.00	PASS

Test Graphs

11B_Ant1_2412



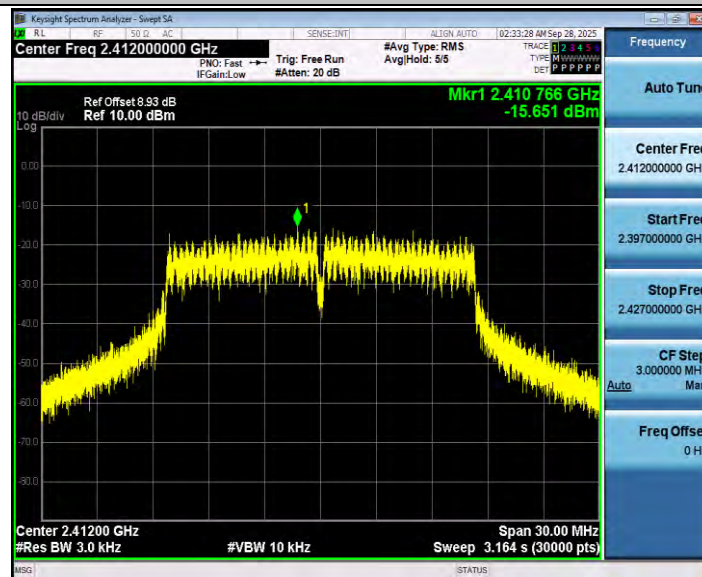
11B_Ant1_2437



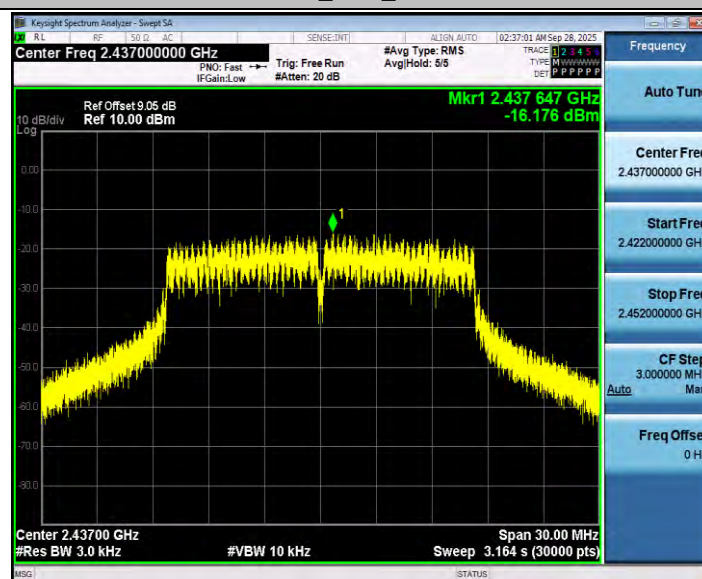
11B_Ant1_2462



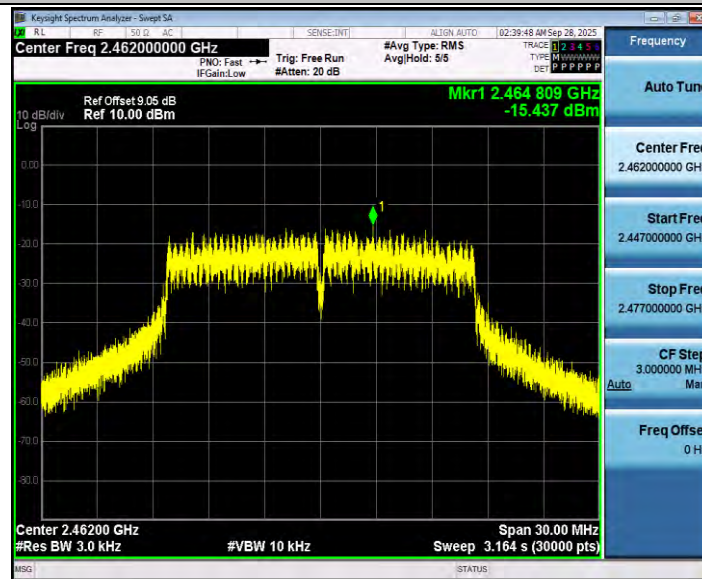
11G_Ant1_2412



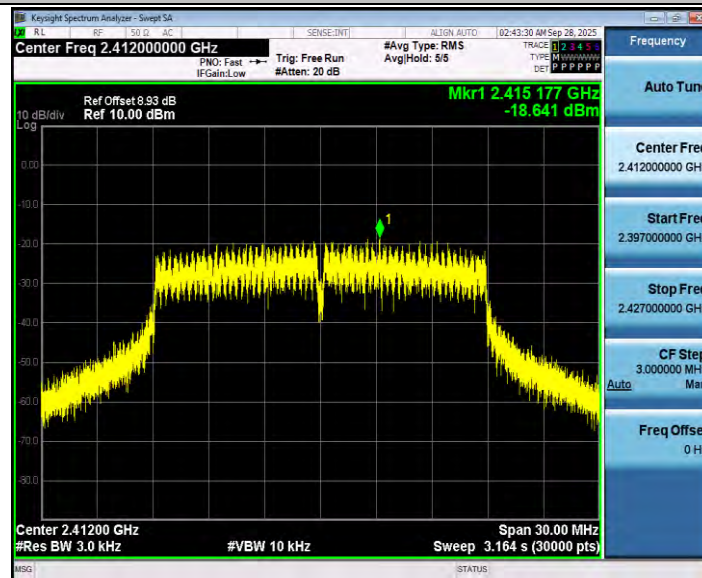
11G_Ant1_2437



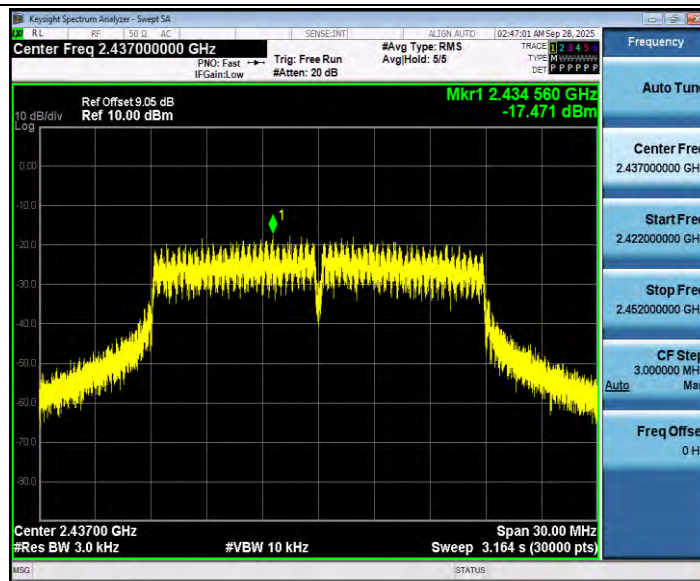
11G_Ant1_2462



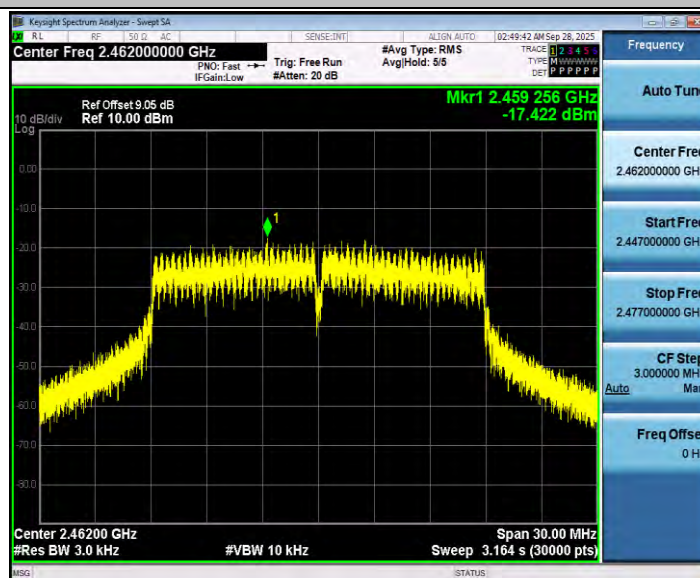
11N20SISO_Ant1_2412



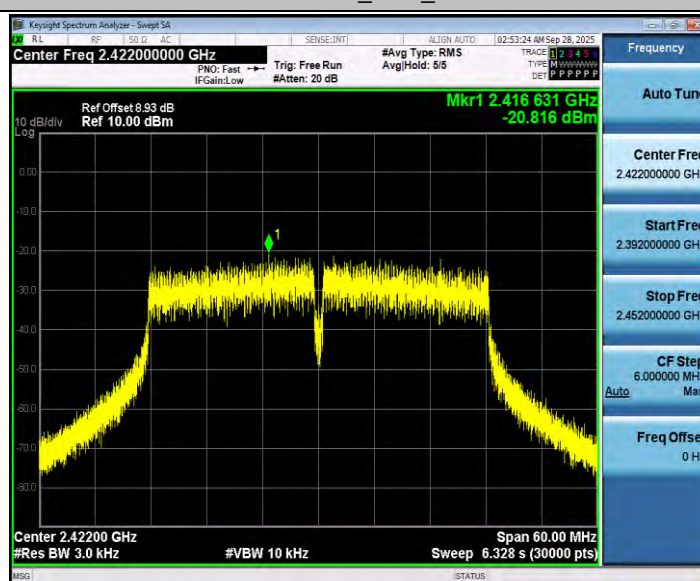
11N20SISO_Ant1_2437



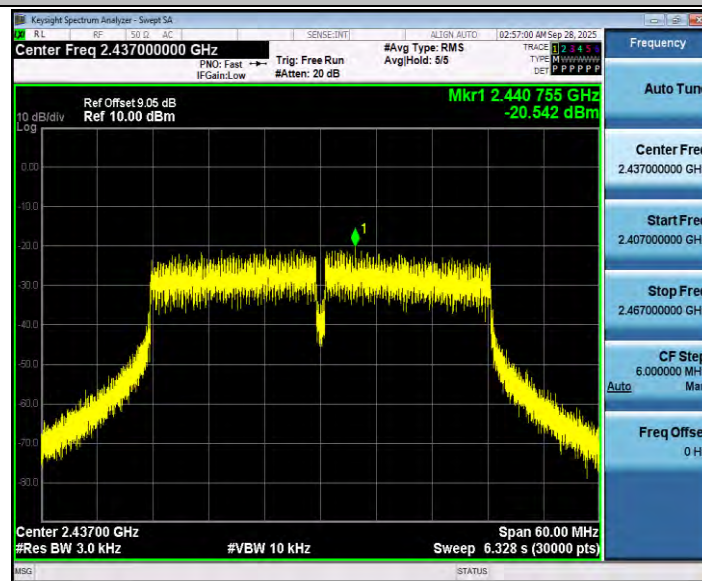
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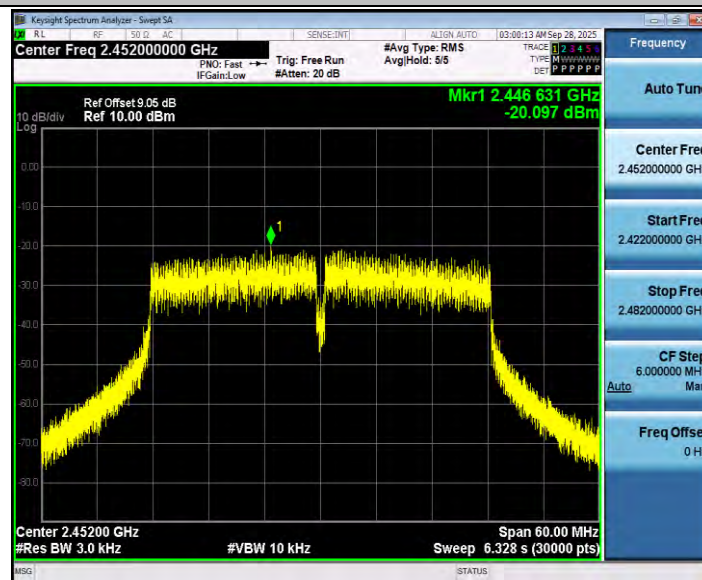
11N40SISO_Ant1_2422



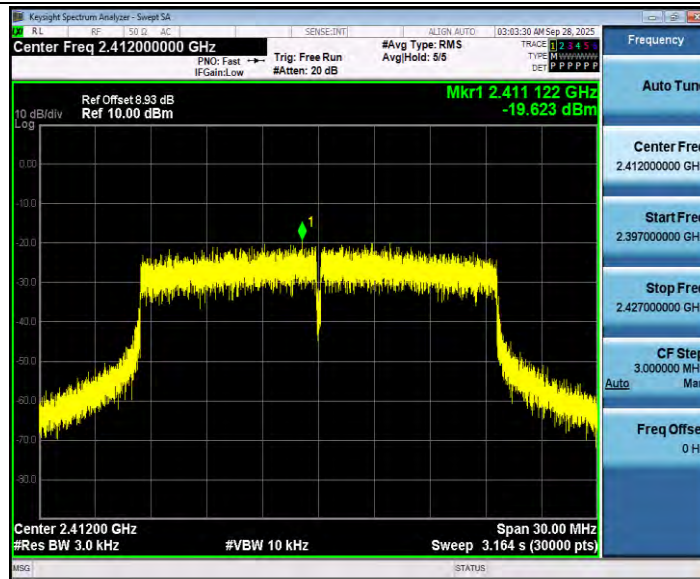
11N40SISO_Ant1_2437



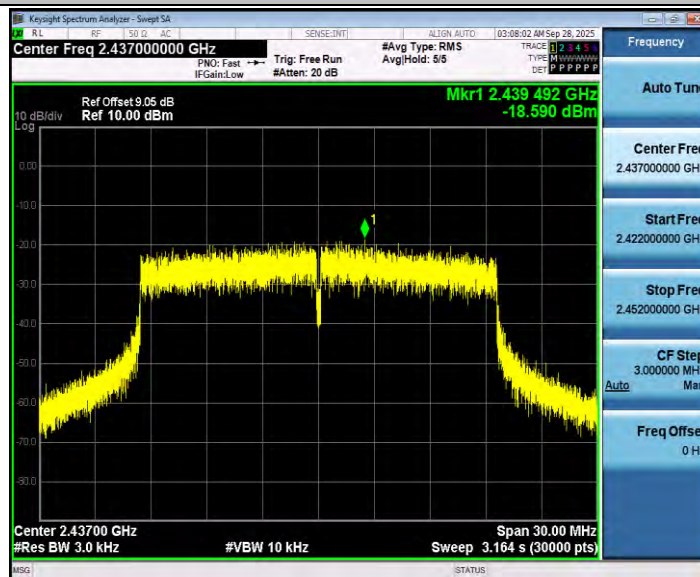
11N40SISO_Ant1_2452



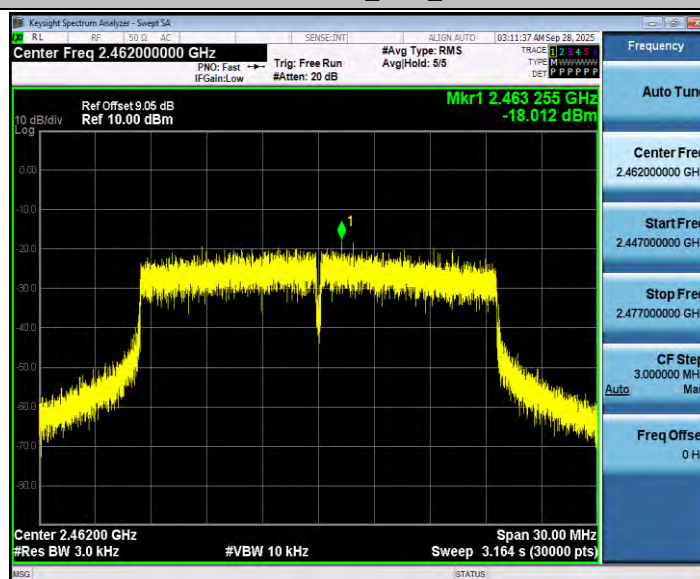
11AX20SISO_Ant1_2412



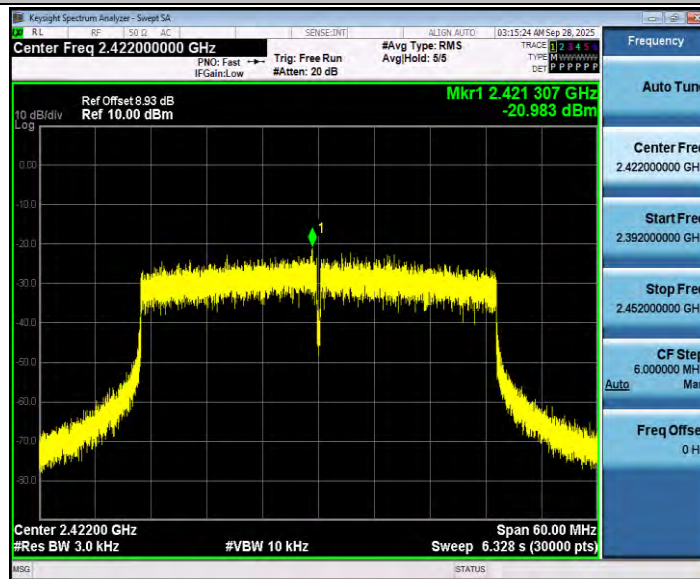
11AX20ISO_Ant1_2437



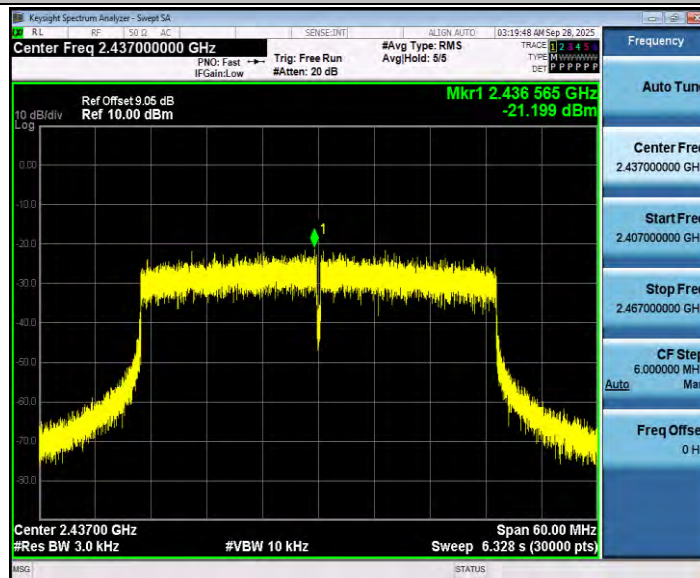
11AX20ISO_Ant1_2462



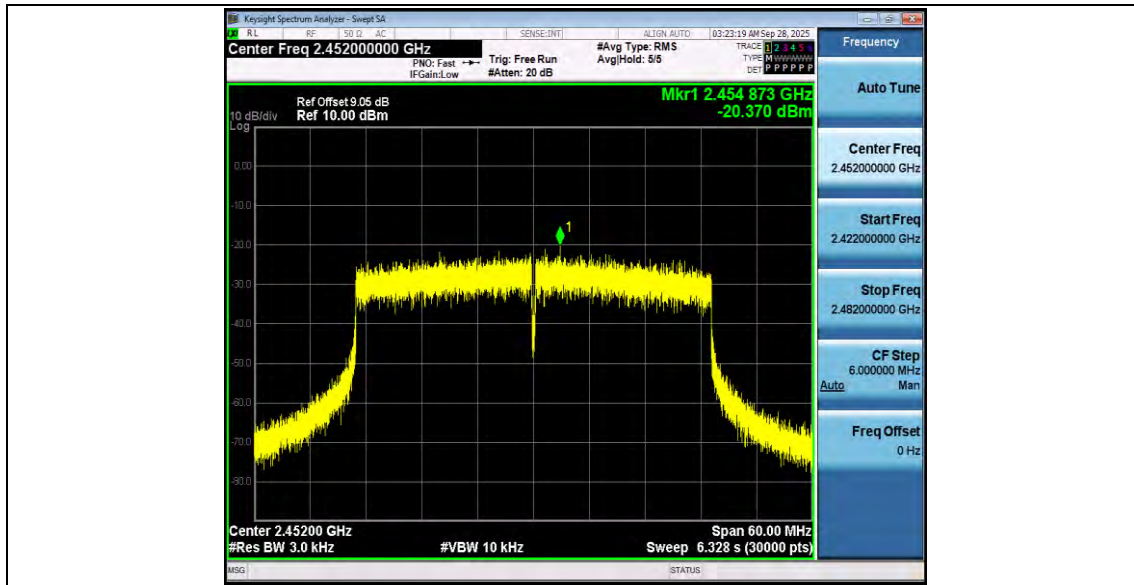
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

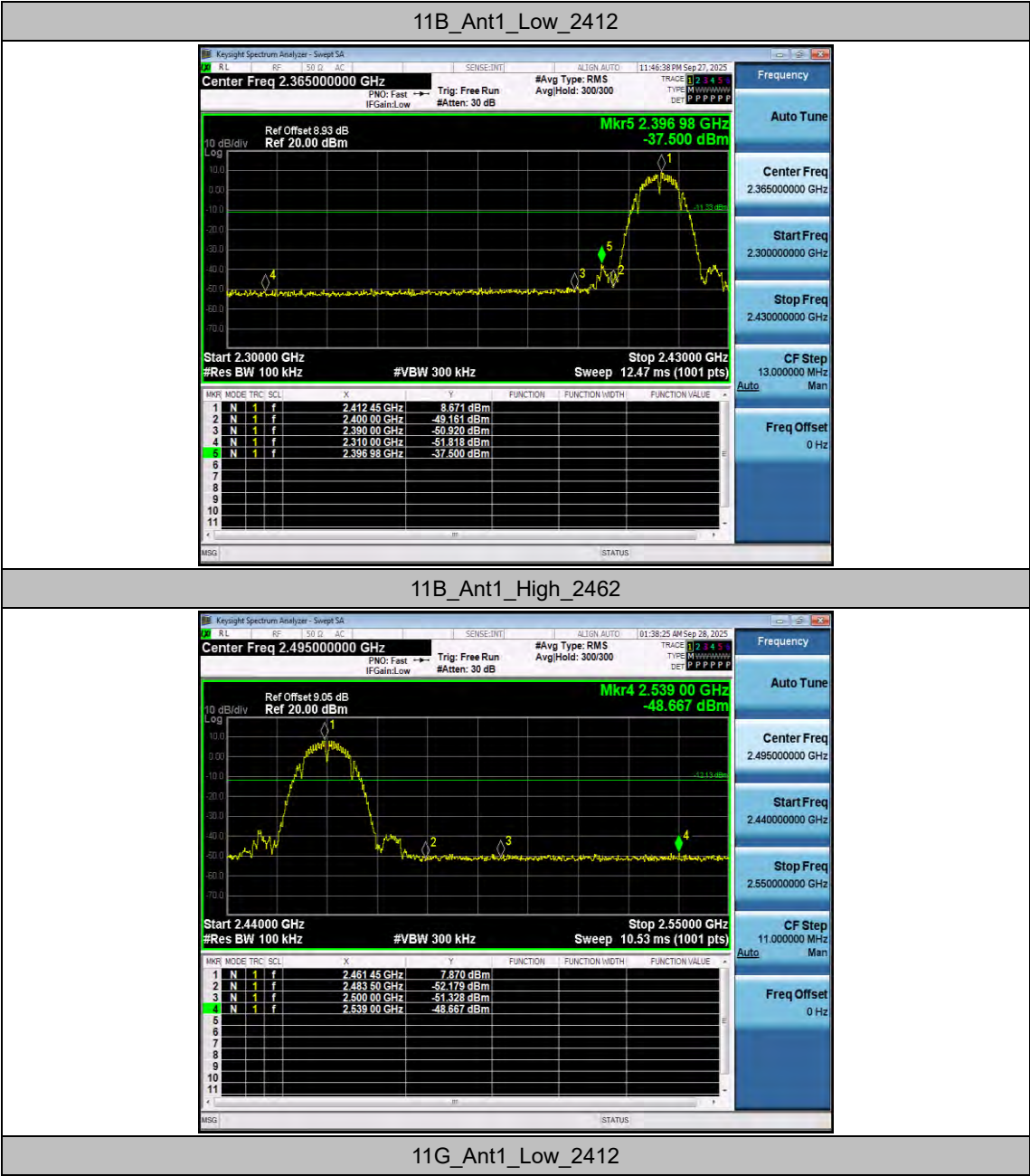


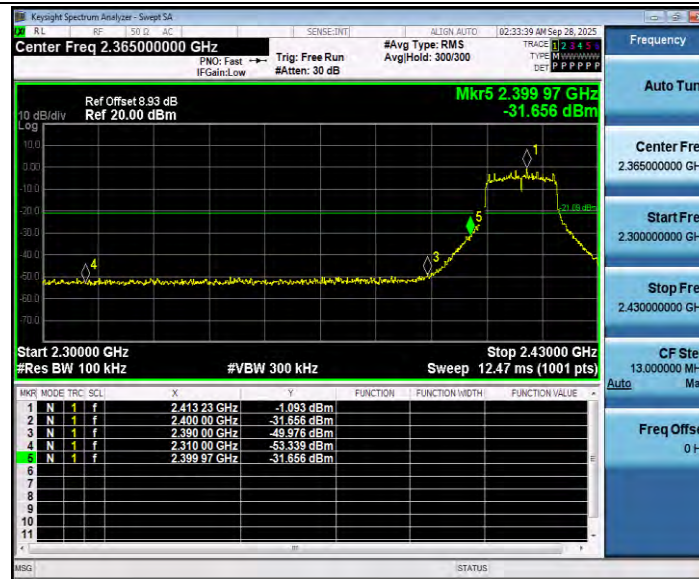
Appendix C.5:Band edge measurements

Test Result

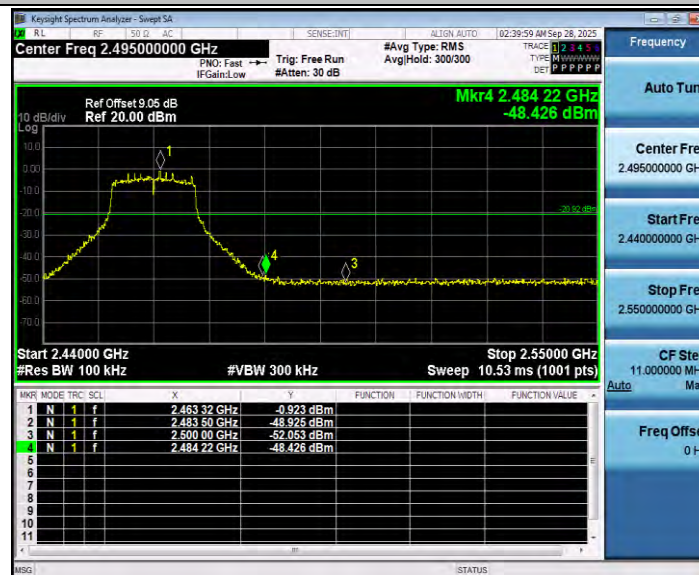
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.67	-37.5	≤ -11.33	PASS
		High	2462	7.87	-48.67	≤ -12.13	PASS
11G	Ant1	Low	2412	-1.09	-31.66	≤ -21.09	PASS
		High	2462	-0.92	-48.43	≤ -20.92	PASS
11N20SISO	Ant1	Low	2412	-3.56	-32.83	≤ -23.56	PASS
		High	2462	-3.04	-48.58	≤ -23.04	PASS
11N40SISO	Ant1	Low	2422	-6.68	-38.44	≤ -26.68	PASS
		High	2452	-5.93	-44.16	≤ -25.93	PASS
11AX20SISO	Ant1	Low	2412	-4.20	-32.69	≤ -24.2	PASS
		High	2462	-3.50	-47.94	≤ -23.5	PASS
11AX40SISO	Ant1	Low	2422	-6.75	-39.48	≤ -26.75	PASS
		High	2452	-5.98	-45.05	≤ -25.98	PASS

Test Graphs

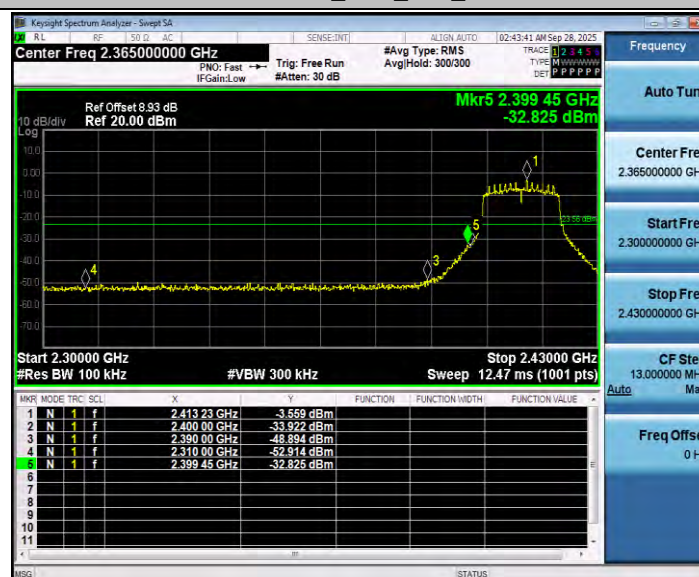




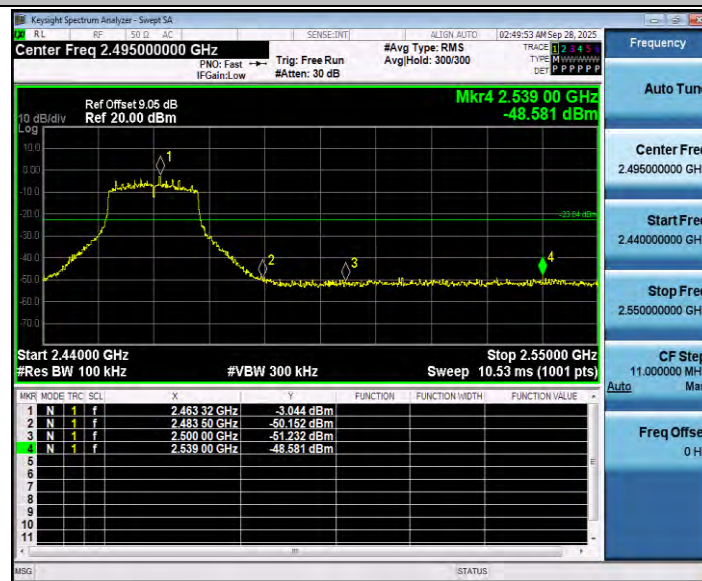
11G_Ant1_High_2462



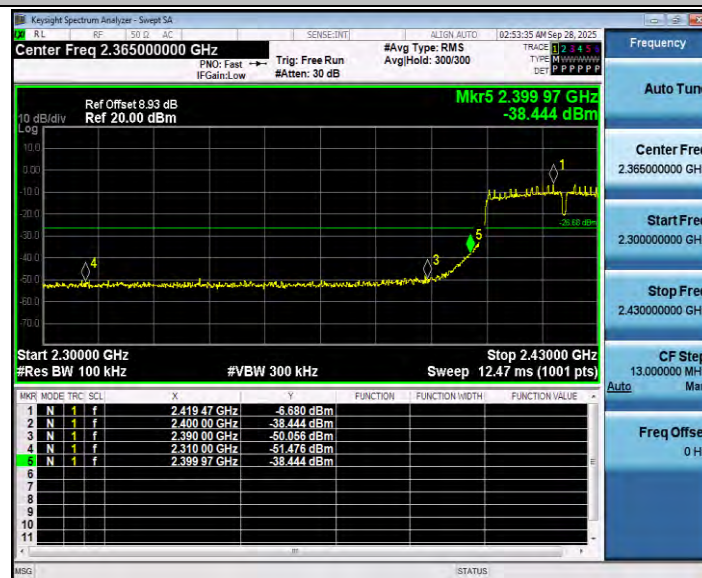
11N20SISO_Ant1_Low_2412



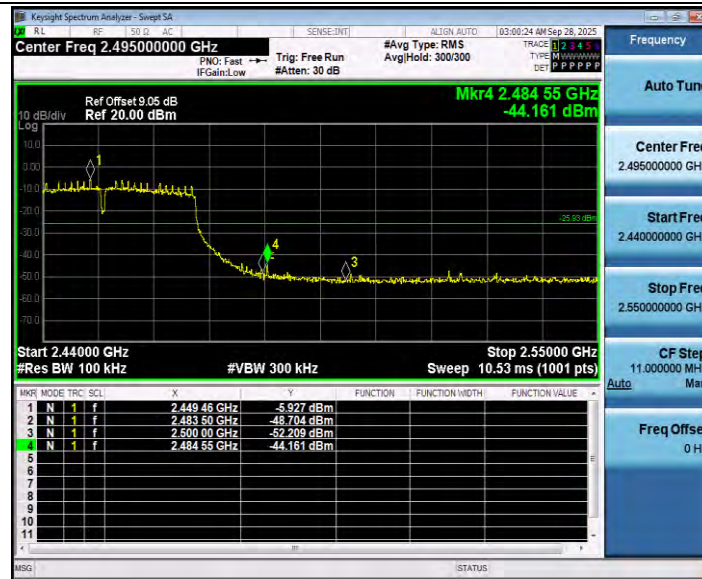
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



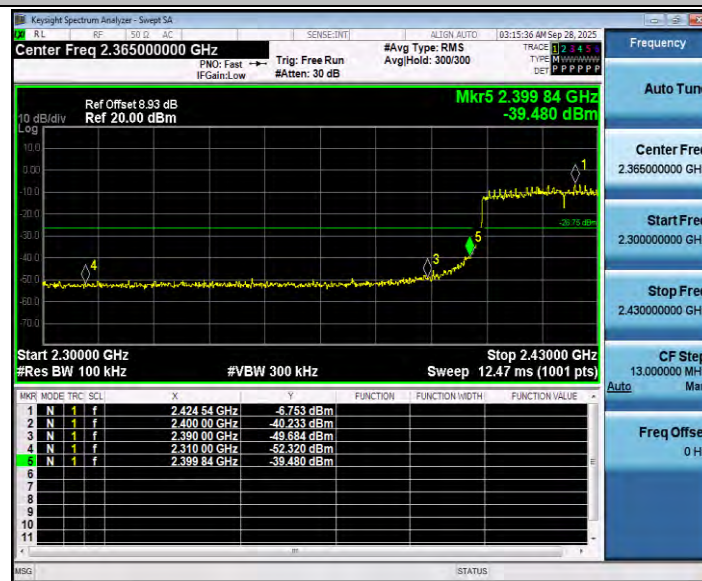
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

