

Case No. : <u>GTS20250902012-4-01</u>	
Ambient Condition: <u>24</u> °C, <u>48</u> %RH,	
Test Date: <u>2025.10.20</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: DTS Bandwidth

Test Result

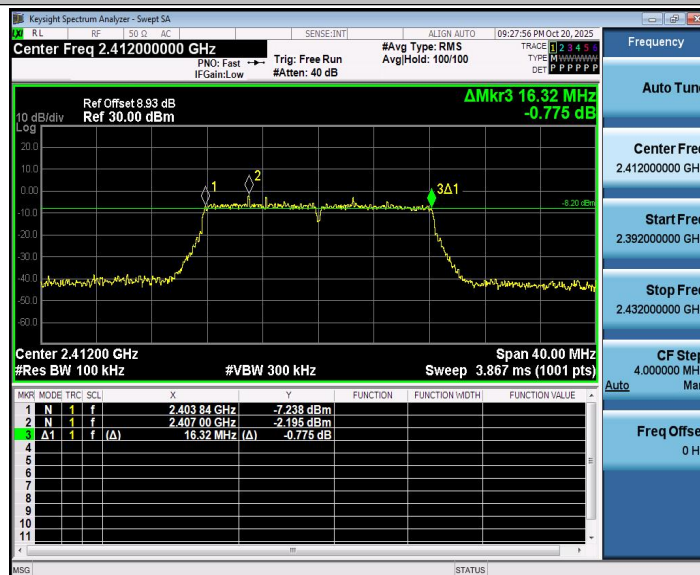
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.640	2406.960	2416.600	0.5	PASS
		2437	9.640	2431.960	2441.600	0.5	PASS
		2462	10.000	2457.000	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	5.520	2432.000	2437.520	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.040	2403.480	2420.520	0.5	PASS
		2437	16.920	2428.480	2445.400	0.5	PASS
		2462	16.960	2453.440	2470.400	0.5	PASS

Test Graphs

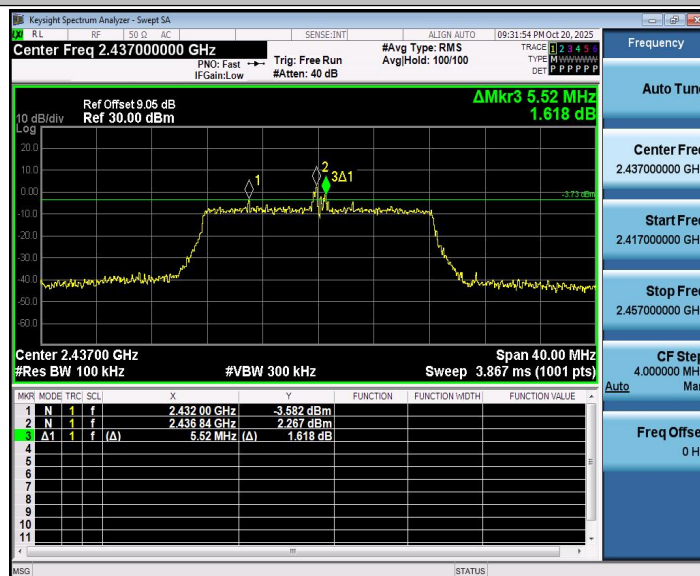




11G_Ant1_2412



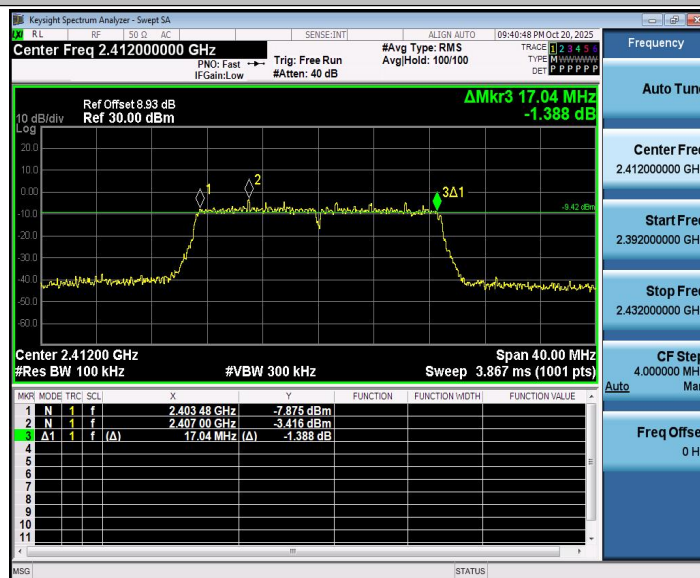
11G_Ant1_2437



11G_Ant1_2462



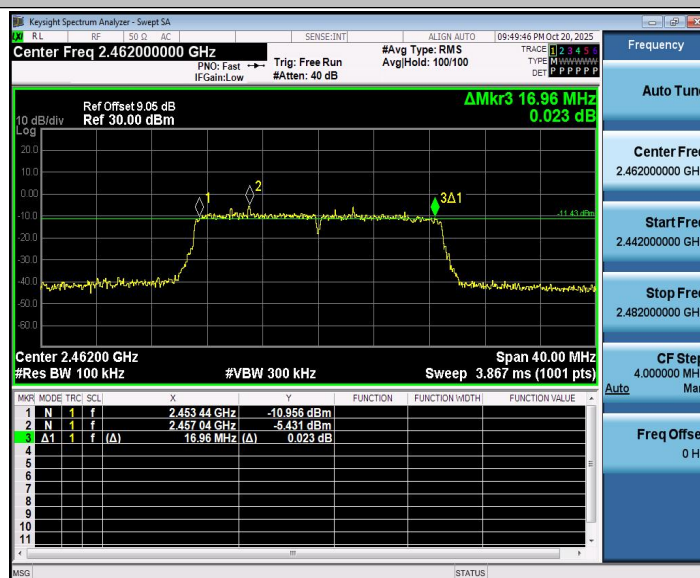
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

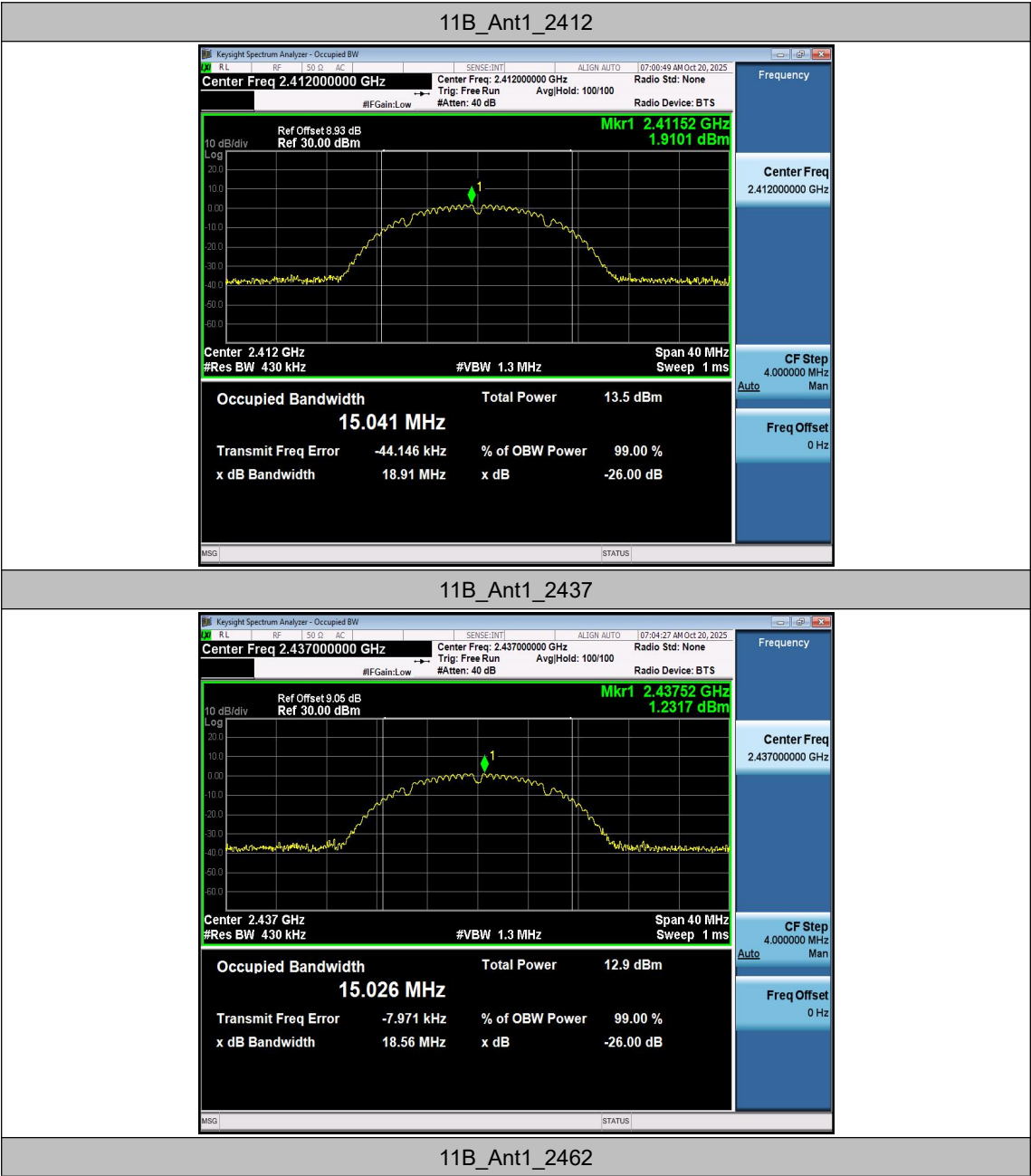


Appendix A.2: Occupied Channel Bandwidth

Test Result

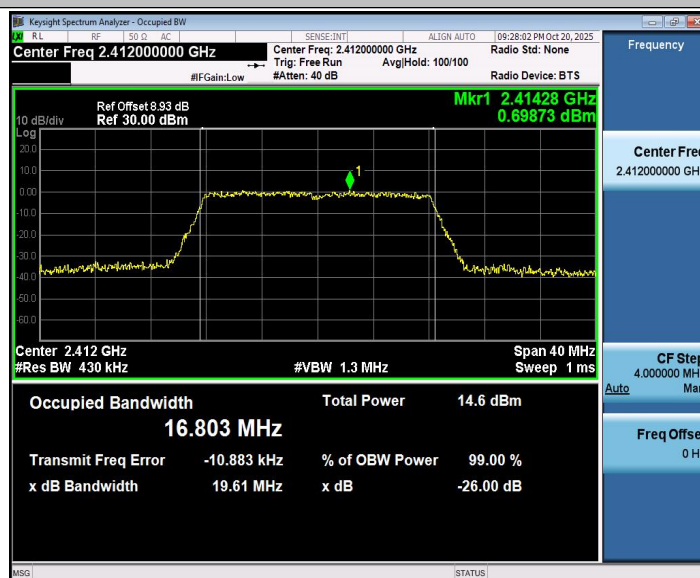
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.041	2404.4354	2419.4764	---	---
		2437	15.026	2429.4790	2444.5050	---	---
		2462	15.078	2454.3948	2469.4728	---	---
11G	Ant1	2412	16.803	2403.5876	2420.3906	---	---
		2437	16.806	2428.5769	2445.3829	---	---
		2462	16.956	2453.5161	2470.4721	---	---
11N20SISO	Ant1	2412	17.767	2403.1015	2420.8685	---	---
		2437	17.700	2428.0993	2445.7993	---	---
		2462	17.671	2453.1391	2470.8101	---	---

Test Graphs





11G_Ant1_2412



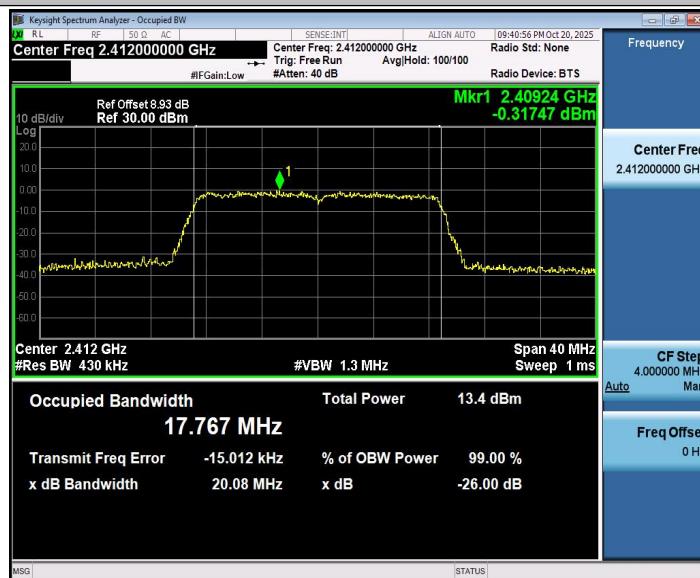
11G_Ant1_2437



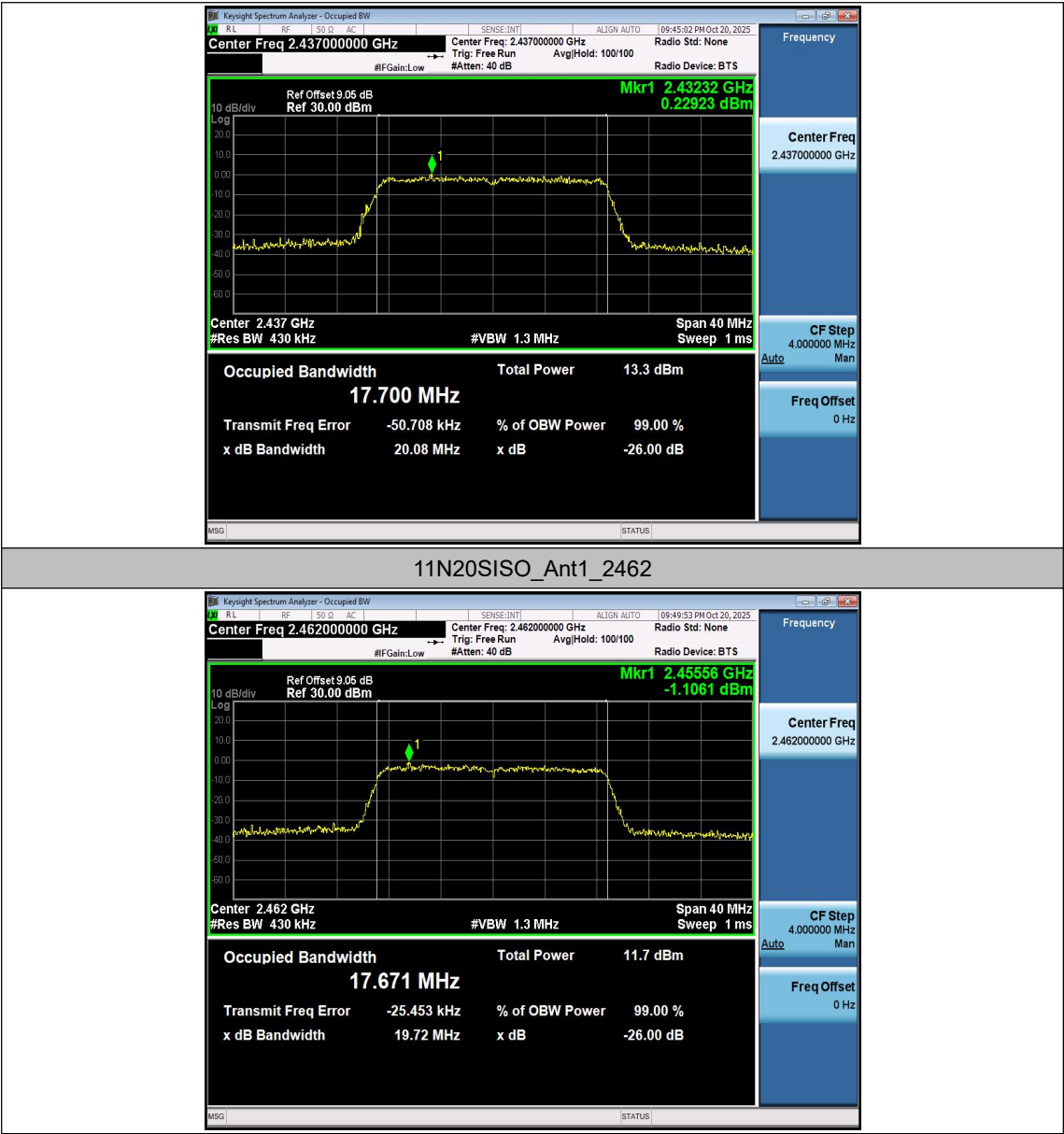
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency [MHz]	Set Power	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	---	13.58	≤30.00	PASS
		2437	---	13.05	≤30.00	PASS
		2462	---	12.27	≤30.00	PASS
11G	Ant1	2412	---	15.75	≤30.00	PASS
		2437	---	14.55	≤30.00	PASS
		2462	---	12.80	≤30.00	PASS
11N20SI SO	Ant1	2412	---	14.70	≤30.00	PASS
		2437	---	15.13	≤30.00	PASS
		2462	---	12.75	≤30.00	PASS

Appendix A.4: Maximum power spectral density

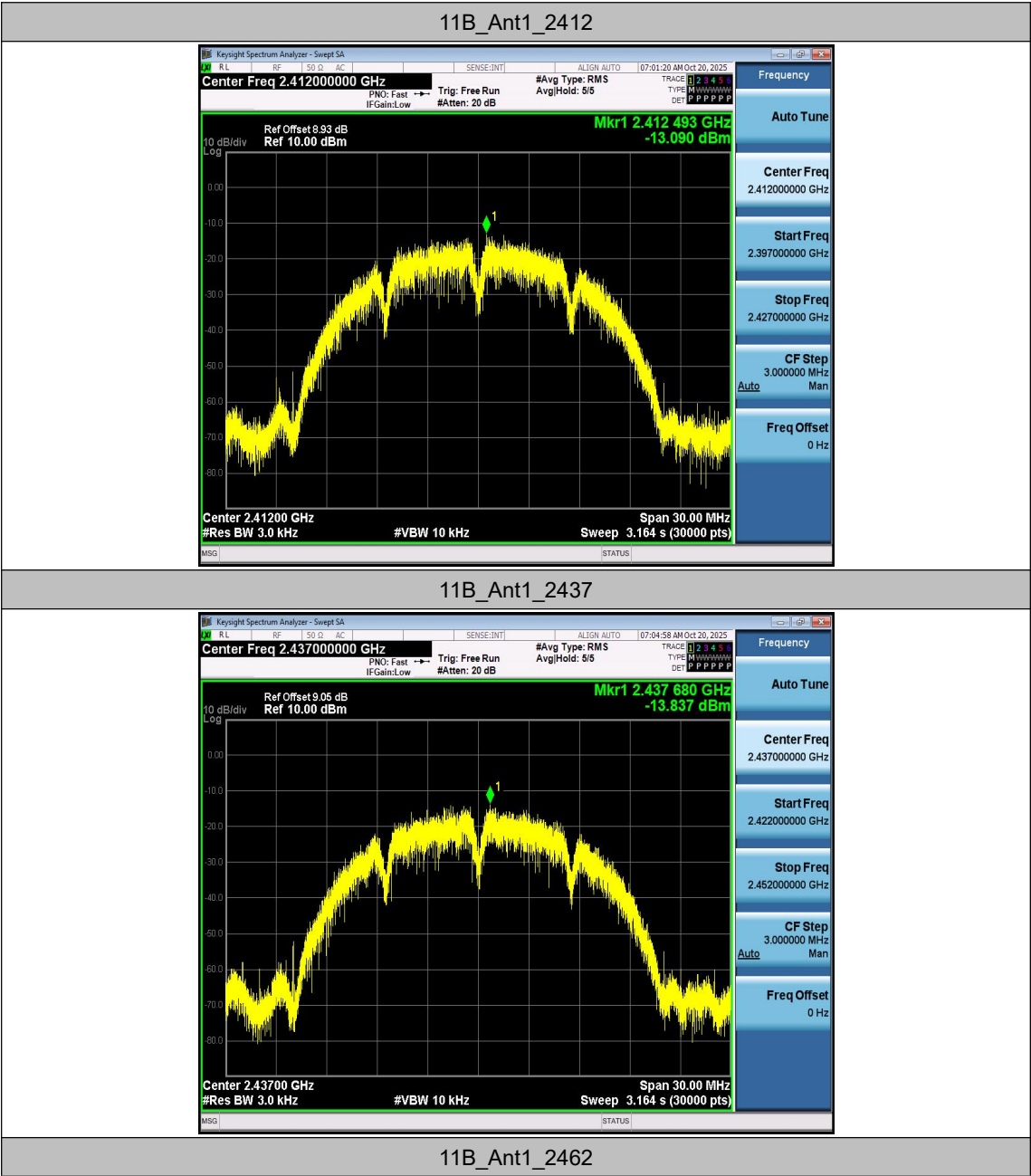
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.09	≤8.00	PASS
		2437	-13.84	≤8.00	PASS
		2462	-14.65	≤8.00	PASS
11G	Ant1	2412	-17.63	≤8.00	PASS
		2437	-14.53	≤8.00	PASS
		2462	-19.72	≤8.00	PASS
11N20SISO	Ant1	2412	-18.13	≤8.00	PASS
		2437	-16.73	≤8.00	PASS
		2462	-20.34	≤8.00	PASS

Note:

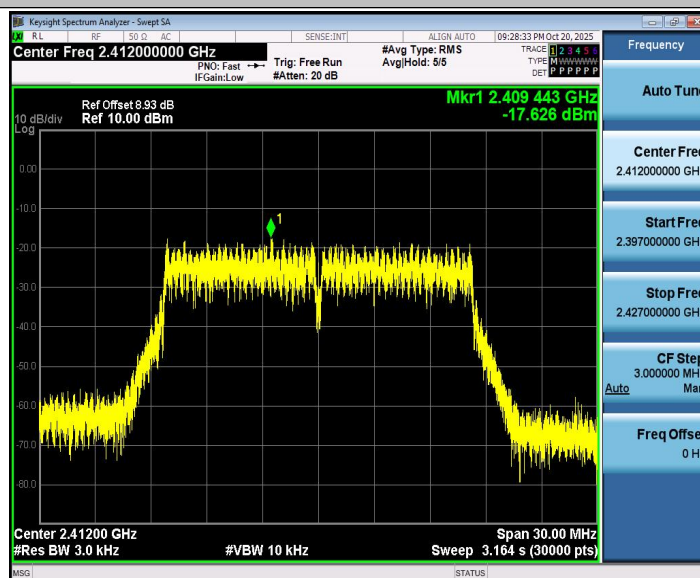
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

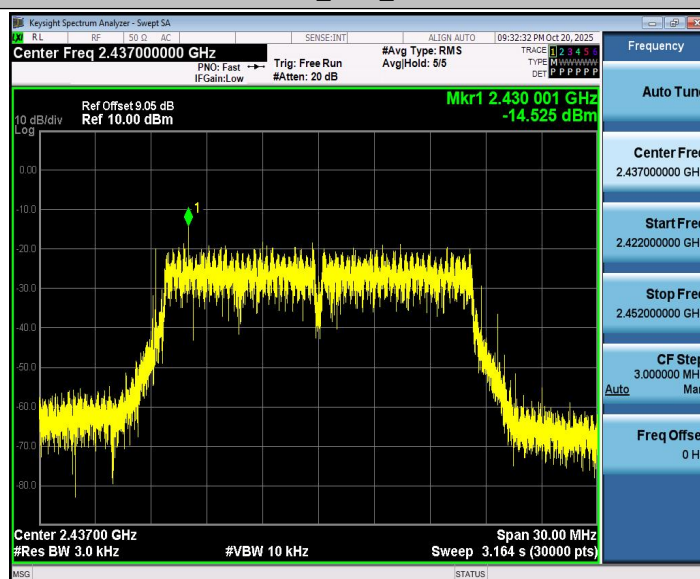




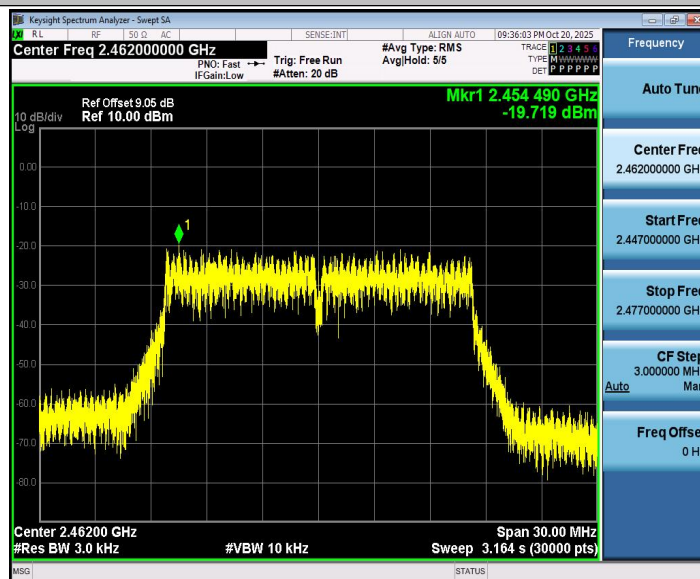
11G_Ant1_2412



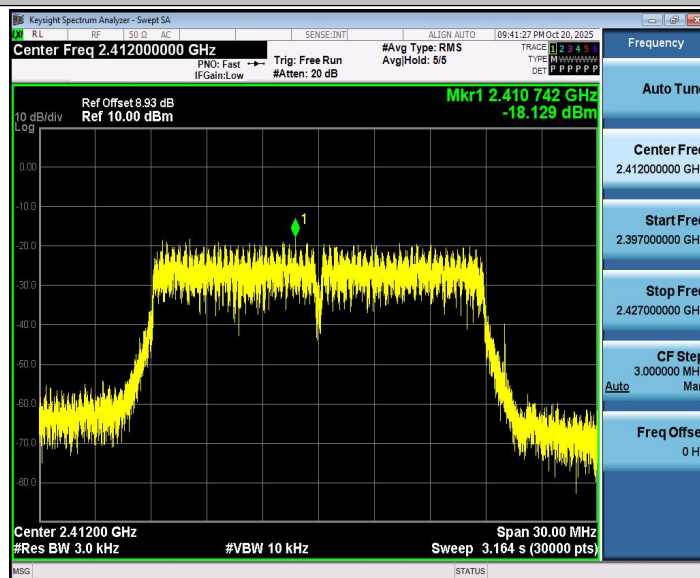
11G_Ant1_2437



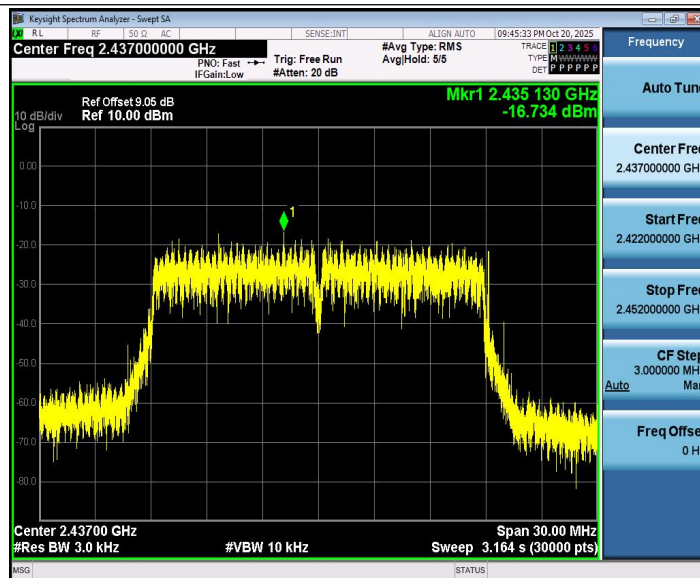
11G_Ant1_2462



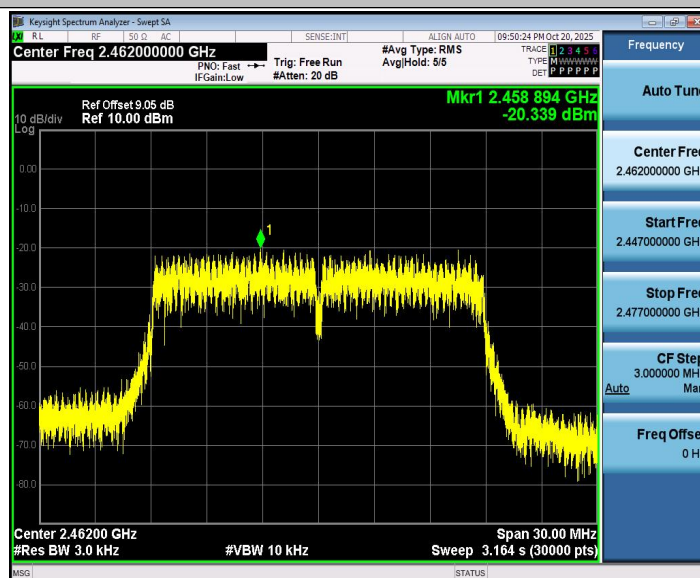
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

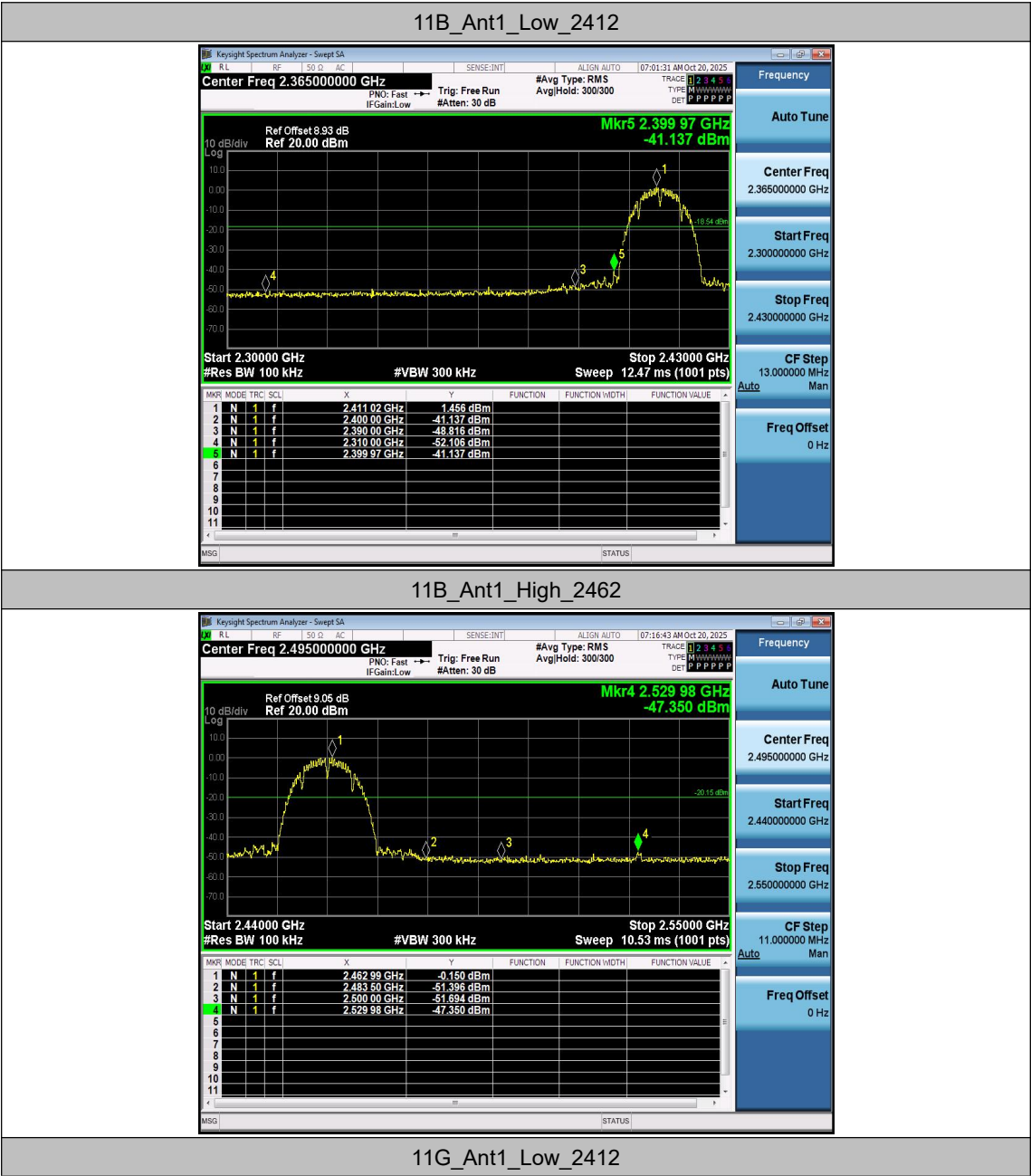


Appendix A.5: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.46	-41.14	≤-18.54	PASS
		High	2462	-0.15	-47.35	≤-20.15	PASS
11G	Ant1	Low	2412	-2.71	-39.5	≤-22.71	PASS
		High	2462	-5.30	-49.41	≤-25.3	PASS
11N20SISO	Ant1	Low	2412	-3.67	-39.35	≤-23.67	PASS
		High	2462	-5.50	-48.89	≤-25.5	PASS

Test Graphs

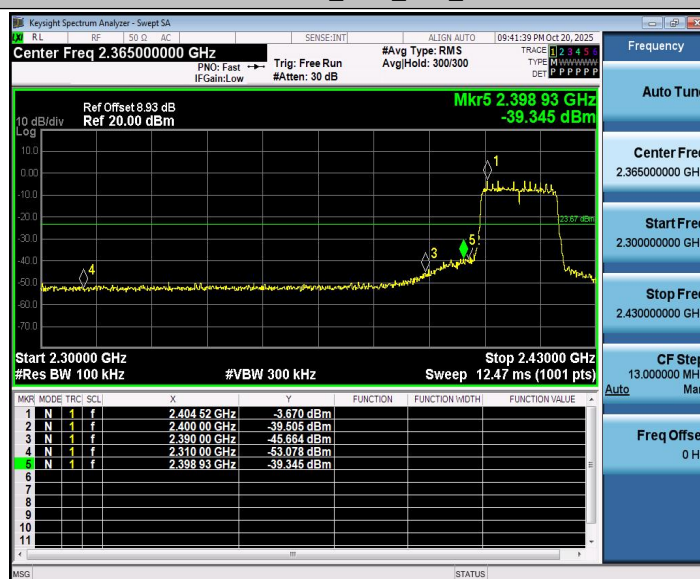


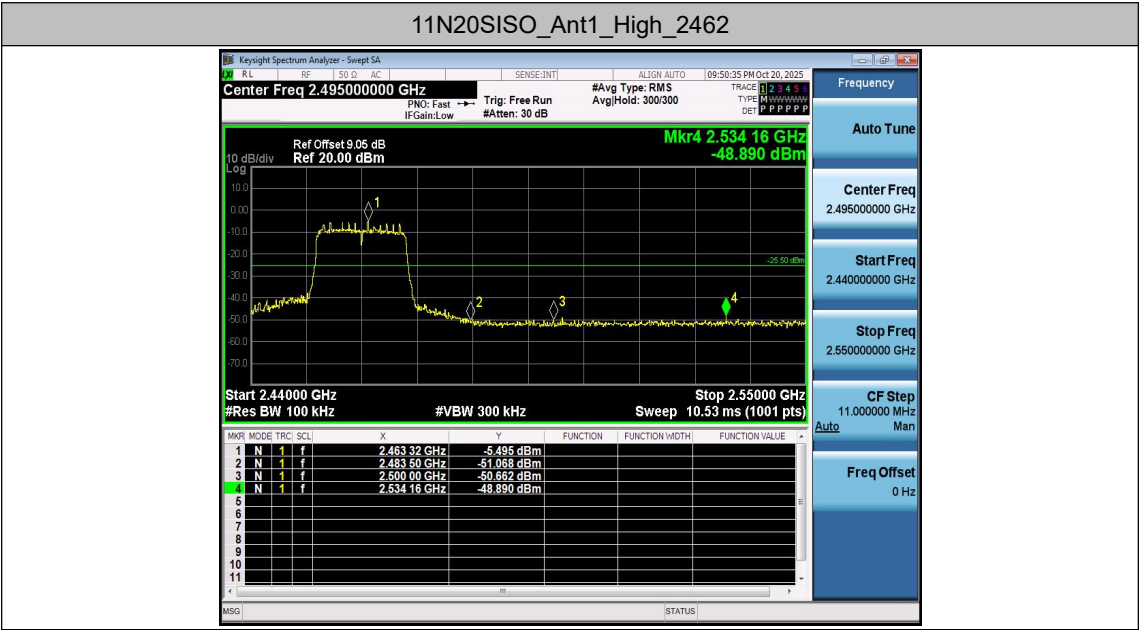


11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412





Appendix A.6: Conducted Spurious Emission

Test Result

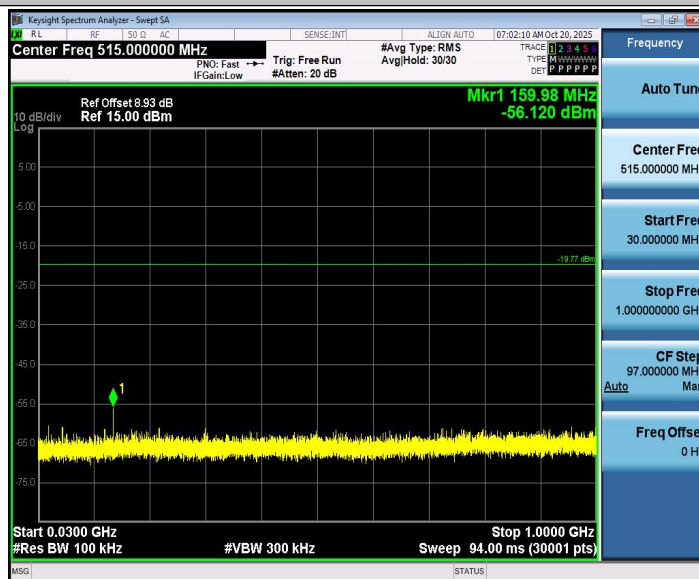
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	0.23	0.23	---	PASS
			30~1000	0.23	-56.12	≤-19.77	PASS
			1000~26500	0.23	-39.1	≤-19.77	PASS
		2437	Reference	-1.04	-1.04	---	PASS
			30~1000	-1.04	-57.38	≤-21.04	PASS
			1000~26500	-1.04	-47.85	≤-21.04	PASS
		2462	Reference	-2.11	-2.11	---	PASS
			30~1000	-2.11	-58.17	≤-22.11	PASS
			1000~26500	-2.11	-47.31	≤-22.11	PASS
11G	Ant1	2412	Reference	-5.54	-5.54	---	PASS
			30~1000	-5.54	-57.32	≤-25.54	PASS
			1000~26500	-5.54	-47.59	≤-25.54	PASS
		2437	Reference	-6.83	-6.83	---	PASS
			30~1000	-6.83	-58.48	≤-26.83	PASS
			1000~26500	-6.83	-47.61	≤-26.83	PASS
		2462	Reference	-5.60	-5.60	---	PASS
			30~1000	-5.60	-57.32	≤-25.6	PASS
			1000~26500	-5.60	-47.3	≤-25.6	PASS
11N20SISO	Ant1	2412	Reference	-7.54	-7.54	---	PASS
			30~1000	-7.54	-57.53	≤-27.54	PASS
			1000~26500	-7.54	-47.41	≤-27.54	PASS
		2437	Reference	-6.22	-6.22	---	PASS
			30~1000	-6.22	-57.12	≤-26.22	PASS
			1000~26500	-6.22	-47.97	≤-26.22	PASS
		2462	Reference	-8.04	-8.04	---	PASS
			30~1000	-8.04	-57.52	≤-28.04	PASS
			1000~26500	-8.04	-40.54	≤-28.04	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500