

Case No. : <u>GTS20250807004-6-04</u>	
Ambient Condition: <u>21 °C, 55%RH,</u>	
Test Date: <u>2025.8.13-2025.8.25</u>	Test Engineer: <u>Evan ouyang</u>

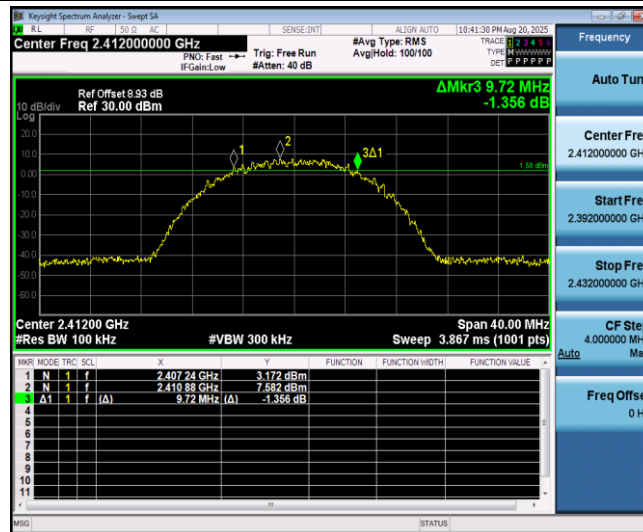
Appendix B.1: DTS Bandwidth

Test Result

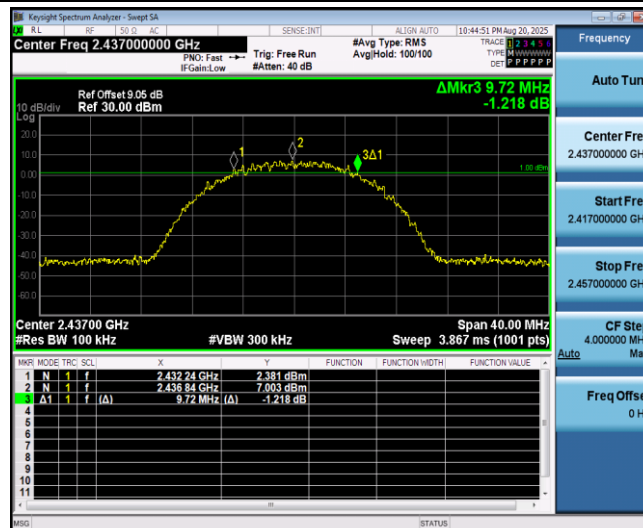
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.720	2407.240	2416.960	0.5	PASS
		2437	9.720	2432.240	2441.960	0.5	PASS
		2462	9.680	2457.240	2466.920	0.5	PASS
11G	Ant1	2412	16.440	2403.760	2420.200	0.5	PASS
		2437	16.480	2428.720	2445.200	0.5	PASS
		2462	16.440	2453.760	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.120	2420.800	0.5	PASS
		2437	17.680	2428.120	2445.800	0.5	PASS
		2462	17.680	2453.120	2470.800	0.5	PASS

Test Graphs

11B_Ant1_2412



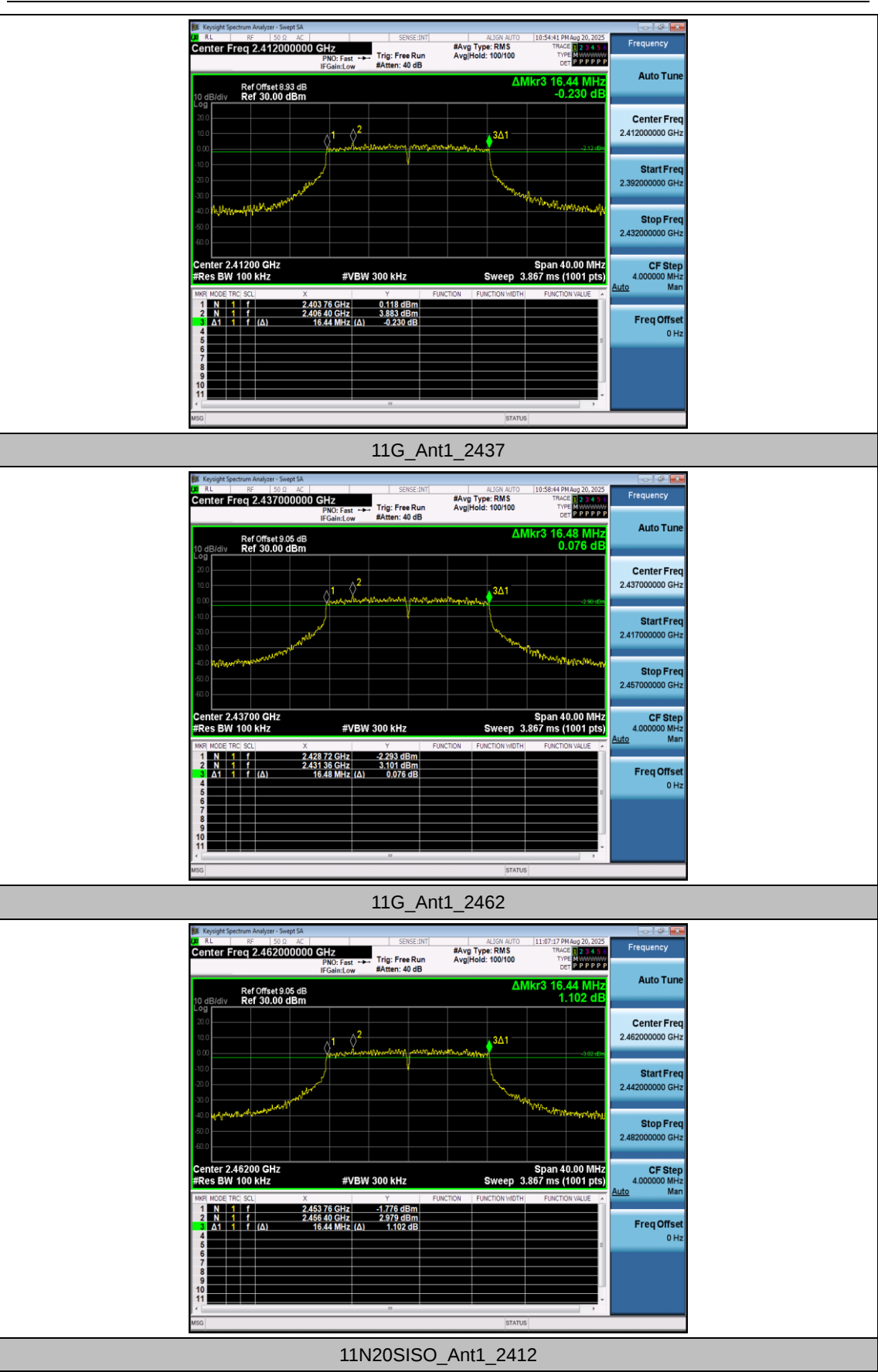
11B_Ant1_2437

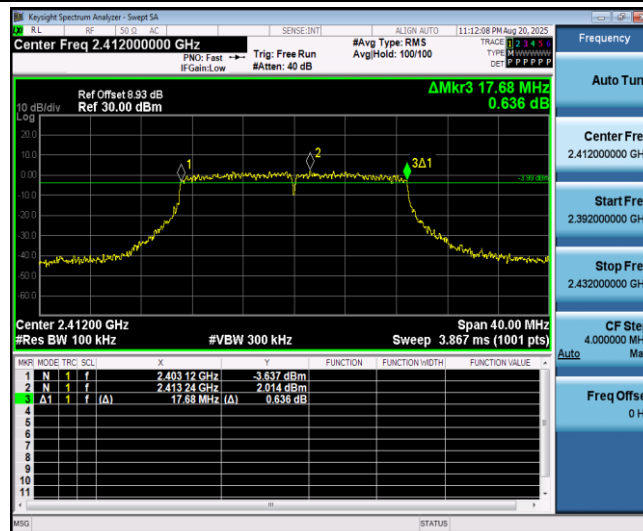


11B_Ant1_2462

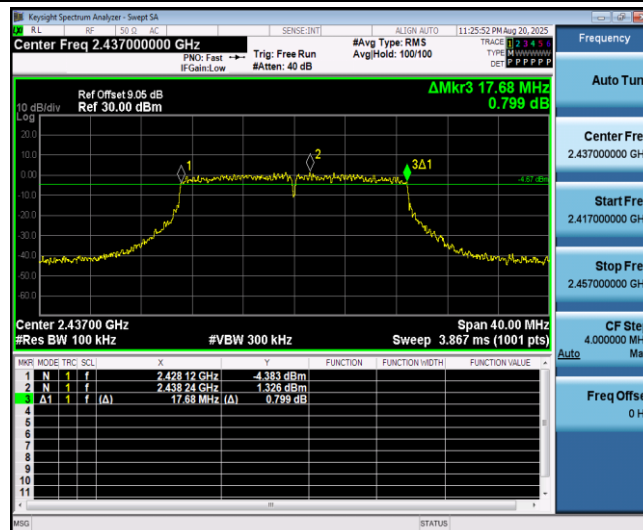


11G_Ant1_2412

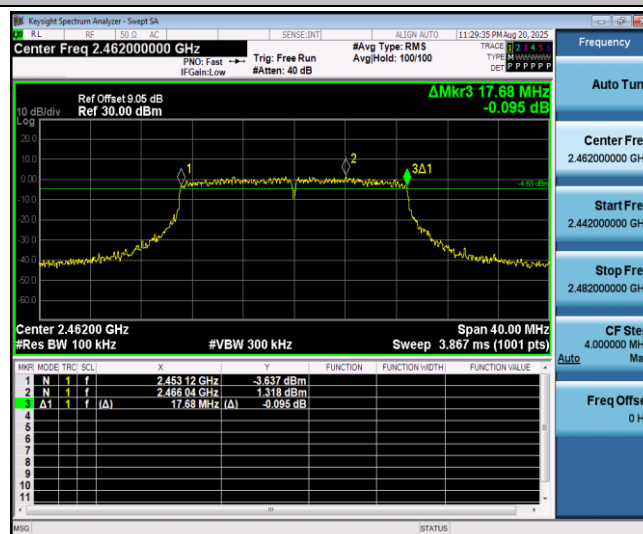




11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



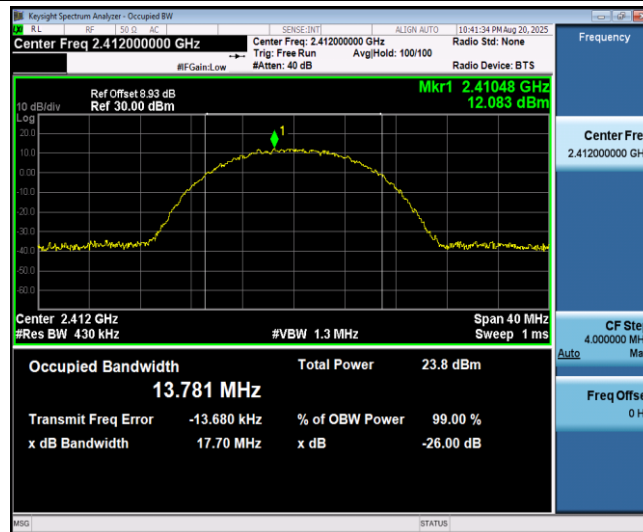
Appendix B.2: Occupied Channel Bandwidth

Test Result

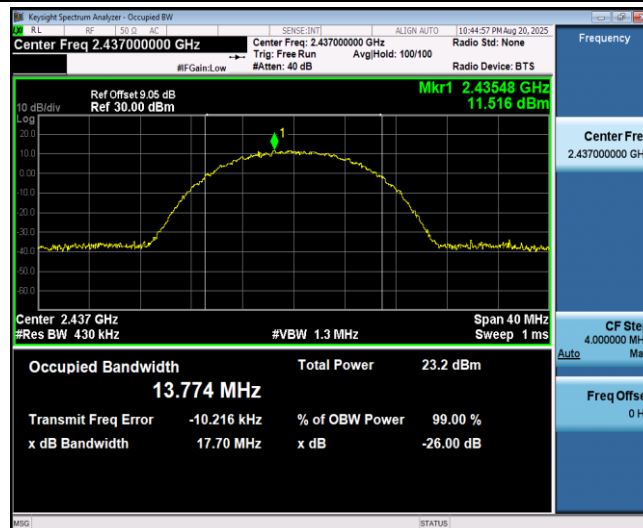
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.781	2405.0958	2418.8768	---	---
		2437	13.774	2430.1028	2443.8768	---	---
		2462	13.779	2455.1185	2468.8975	---	---
11G	Ant1	2412	16.688	2403.6067	2420.2947	---	---
		2437	16.716	2428.6083	2445.3243	---	---
		2462	16.724	2453.6043	2470.3283	---	---
11N20SiSO	Ant1	2412	17.702	2403.1257	2420.8277	---	---
		2437	17.761	2428.0850	2445.8460	---	---
		2462	17.673	2453.1484	2470.8214	---	---

Test Graphs

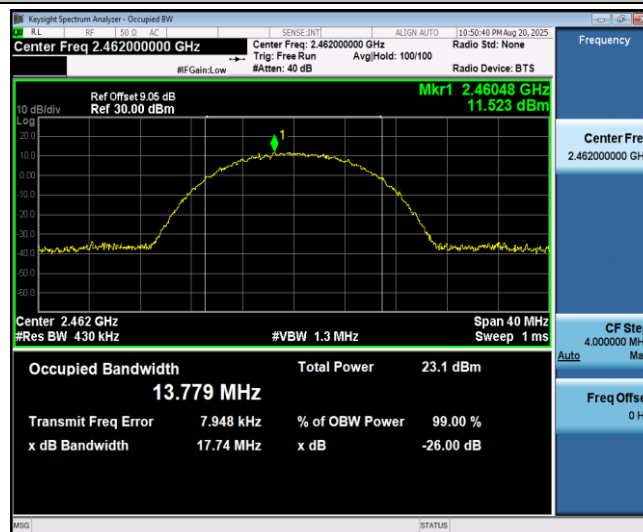
11B_Ant1_2412



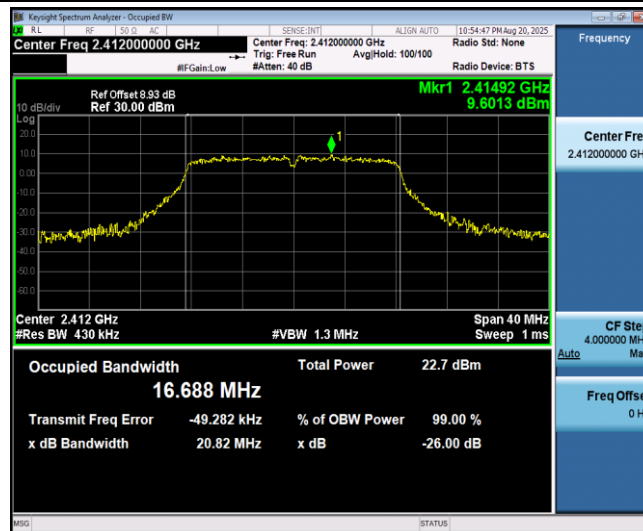
11B_Ant1_2437



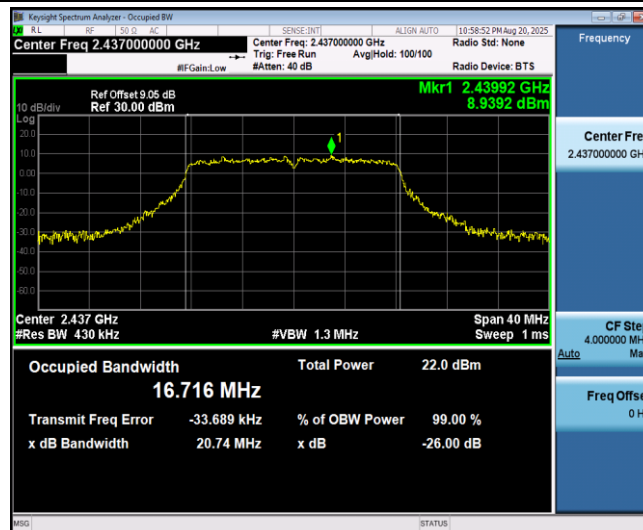
11B_Ant1_2462



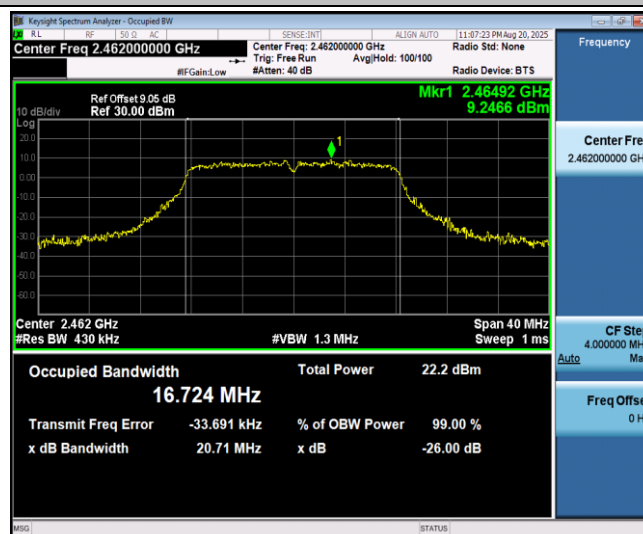
11G_Ant1_2412



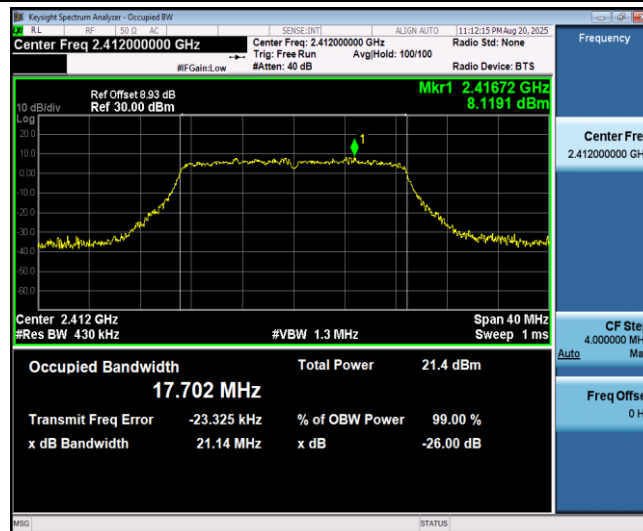
11G_Ant1_2437



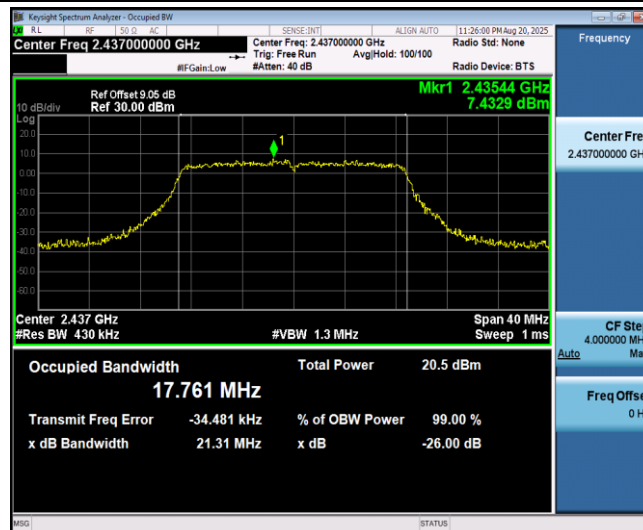
11G_Ant1_2462



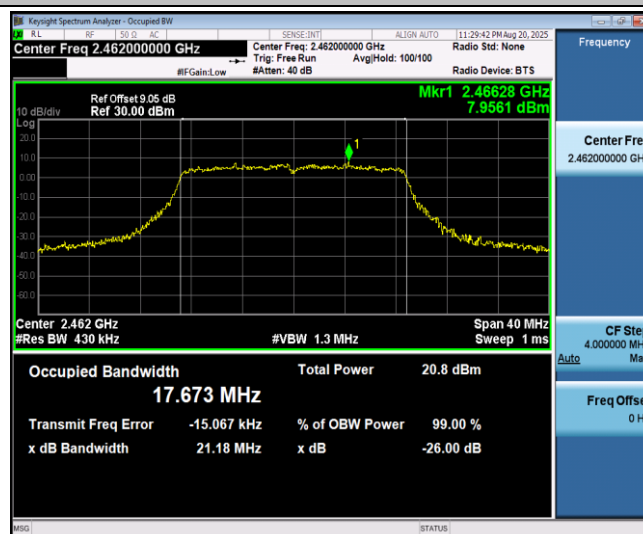
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix B.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	23.41	≤30.00	PASS
		2437	22.88	≤30.00	PASS
		2462	22.87	≤30.00	PASS
11G	Ant1	2412	23.97	≤30.00	PASS
		2437	23.24	≤30.00	PASS
		2462	23.32	≤30.00	PASS
11N20SISO	Ant1	2412	22.35	≤30.00	PASS
		2437	21.40	≤30.00	PASS
		2462	21.68	≤30.00	PASS

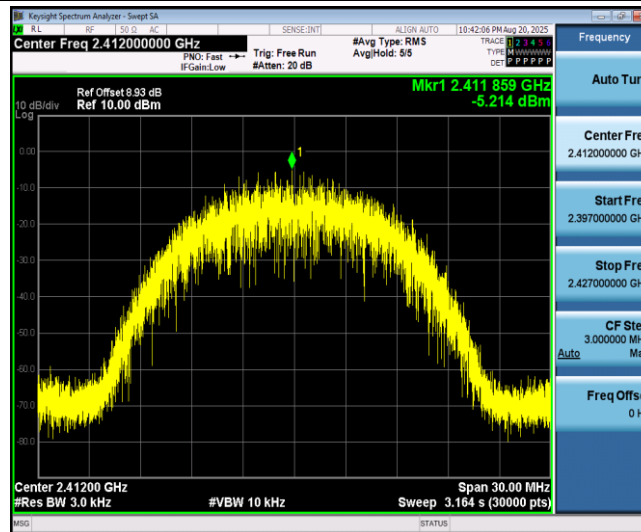
Appendix B.4: Maximum power spectral density

Test Result

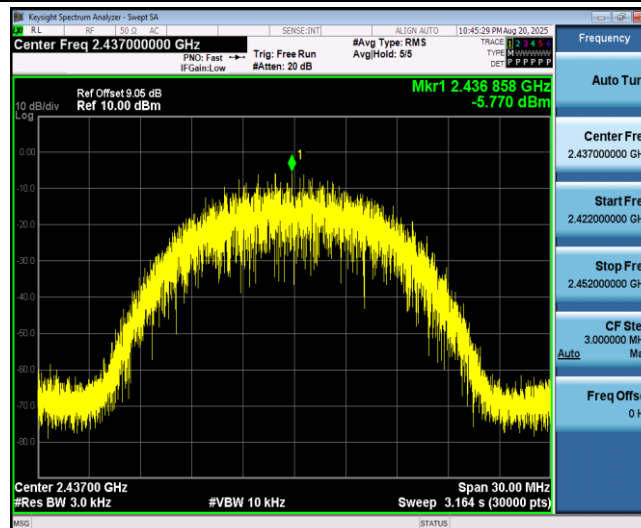
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.21	≤8.00	PASS
		2437	-5.77	≤8.00	PASS
		2462	-5.60	≤8.00	PASS
11G	Ant1	2412	-9.78	≤8.00	PASS
		2437	-10.68	≤8.00	PASS
		2462	-10.76	≤8.00	PASS
11N20SISO	Ant1	2412	-11.91	≤8.00	PASS
		2437	-12.71	≤8.00	PASS
		2462	-12.57	≤8.00	PASS

Test Graphs

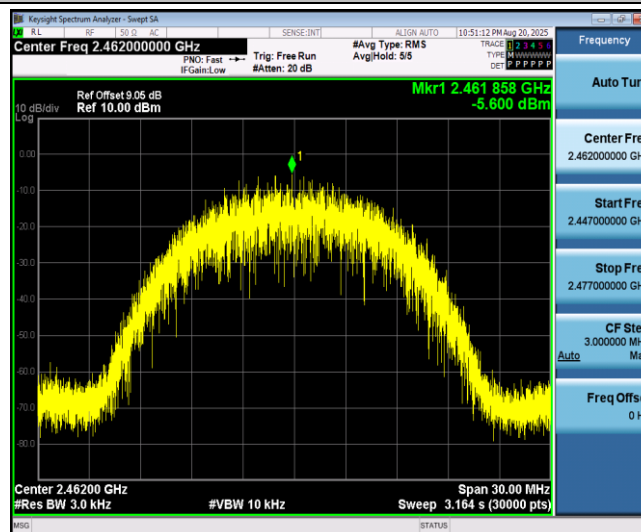
11B_Ant1_2412



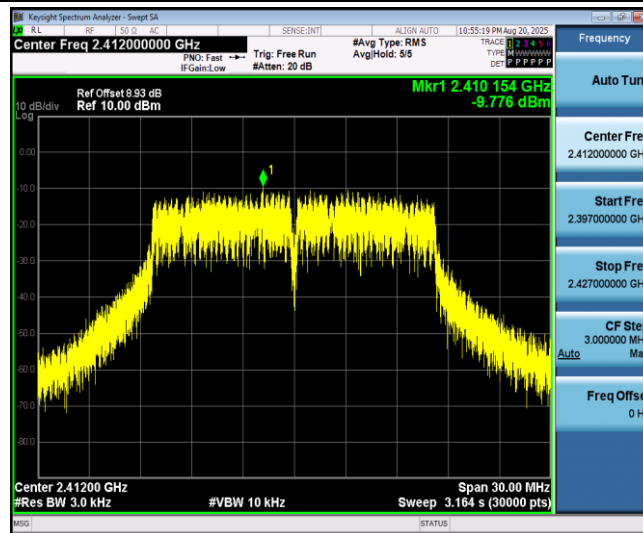
11B_Ant1_2437



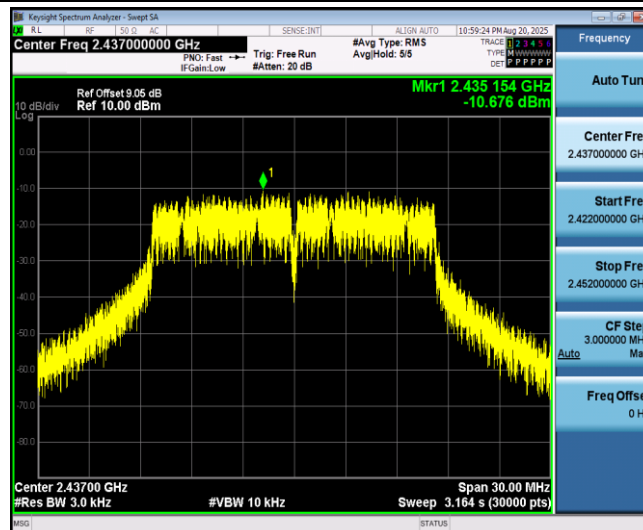
11B_Ant1_2462



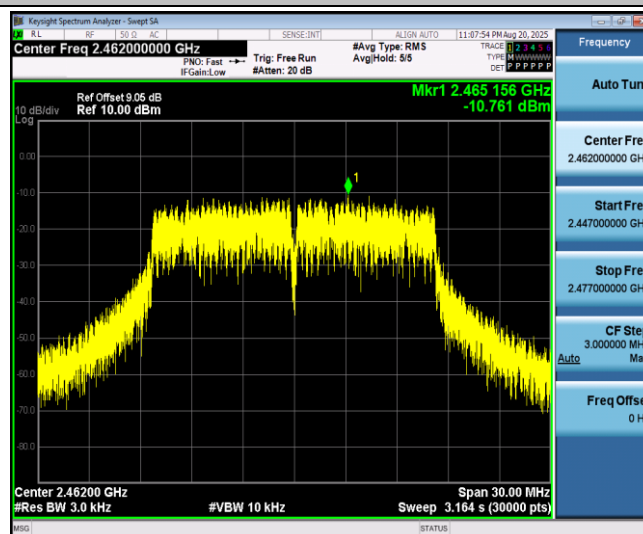
11G_Ant1_2412



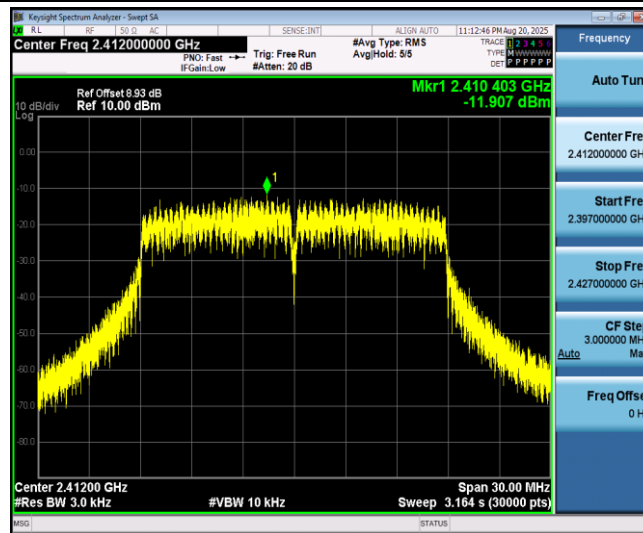
11G_Ant1_2437



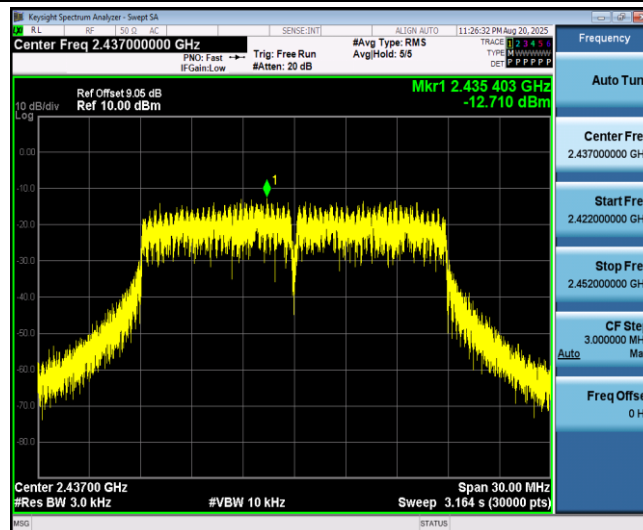
11G_Ant1_2462



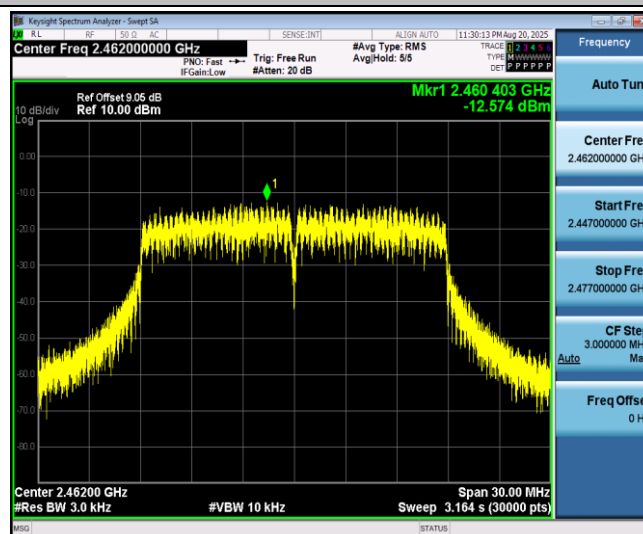
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



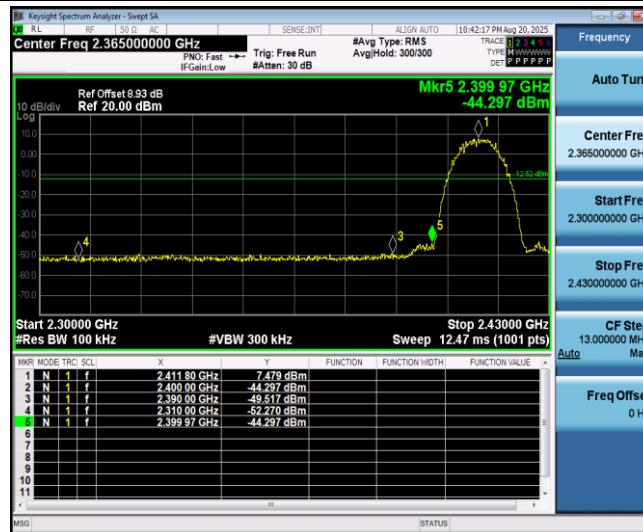
Appendix B.5:Band edge measurements

Test Result

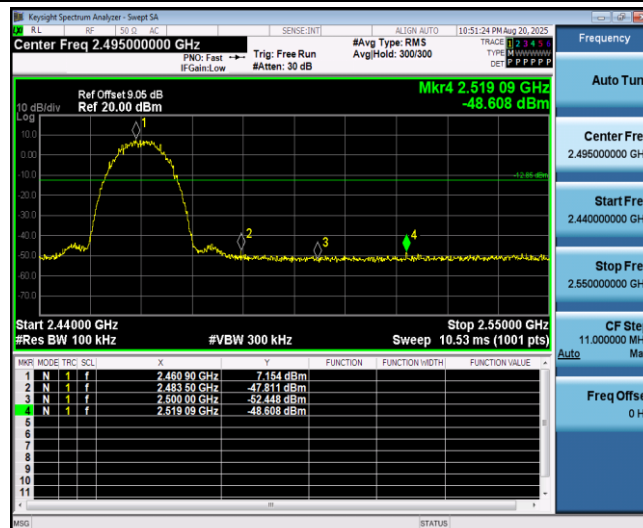
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.48	-44.3	≤ -12.52	PASS
		High	2462	7.15	-48.61	≤ -12.85	PASS
11G	Ant1	Low	2412	3.88	-32.06	≤ -16.12	PASS
		High	2462	3.20	-41.1	≤ -16.8	PASS
11N20SISO	Ant1	Low	2412	2.17	-34.82	≤ -17.83	PASS
		High	2462	1.69	-45.45	≤ -18.31	PASS

Test Graphs

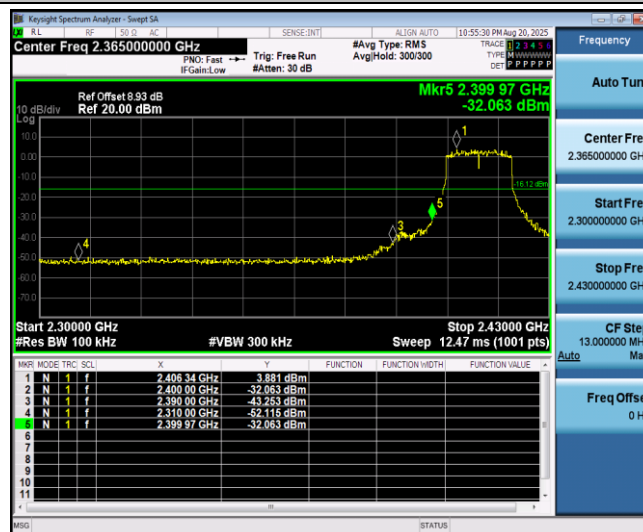
11B_Ant1_Low_2412



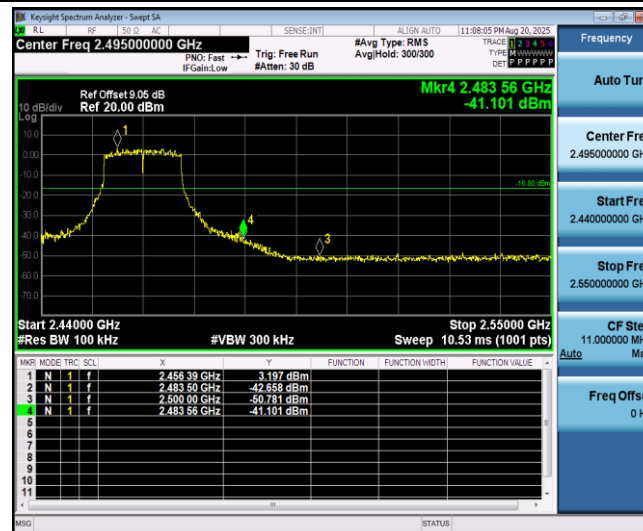
11B_Ant1_High_2462



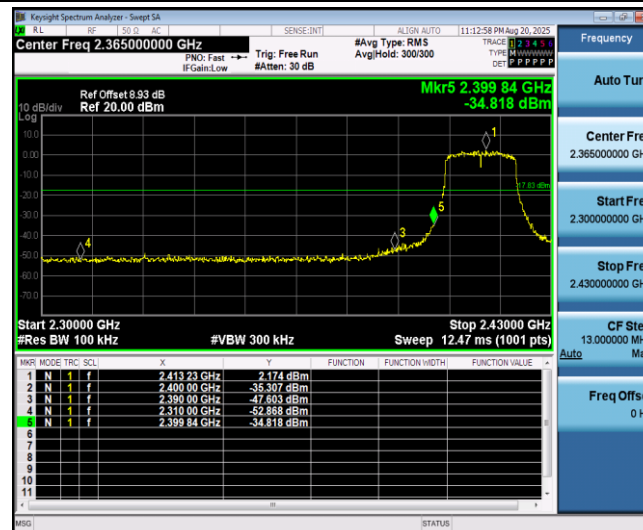
11G_Ant1_Low_2412



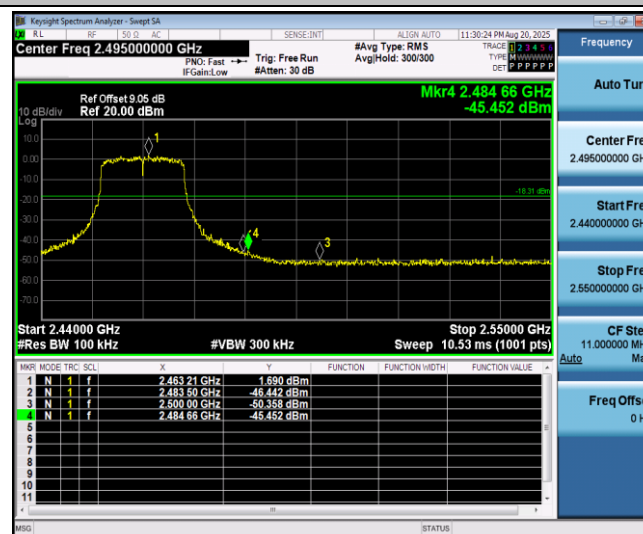
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix B.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.70	6.70	---	PASS
			30~1000	6.70	-60.39	≤-13.3	PASS
			1000~26500	6.70	-47.96	≤-13.3	PASS
		2437	Reference	6.57	6.57	---	PASS
			30~1000	6.57	-60.48	≤-13.43	PASS
			1000~26500	6.57	-47.87	≤-13.43	PASS
		2462	Reference	7.09	7.09	---	PASS
			30~1000	7.09	-60.31	≤-12.91	PASS
			1000~26500	7.09	-47.05	≤-12.91	PASS
11G	Ant1	2412	Reference	3.15	3.15	---	PASS
			30~1000	3.15	-60.59	≤-16.85	PASS
			1000~26500	3.15	-47.46	≤-16.85	PASS
		2437	Reference	1.31	1.31	---	PASS
			30~1000	1.31	-60.25	≤-18.69	PASS
			1000~26500	1.31	-47.67	≤-18.69	PASS
		2462	Reference	3.12	3.12	---	PASS
			30~1000	3.12	-60.1	≤-16.88	PASS
			1000~26500	3.12	-47.1	≤-16.88	PASS
11N20SISO	Ant1	2412	Reference	1.38	1.38	---	PASS
			30~1000	1.38	-60.48	≤-18.62	PASS
			1000~26500	1.38	-47.39	≤-18.62	PASS
		2437	Reference	0.02	0.02	---	PASS
			30~1000	0.02	-60.1	≤-19.98	PASS
			1000~26500	0.02	-47.61	≤-19.98	PASS
		2462	Reference	-0.10	-0.10	---	PASS
			30~1000	-0.10	-60.73	≤-20.1	PASS
			1000~26500	-0.10	-47.75	≤-20.1	PASS