

Case No. : <u>GTS20251110007-1-01</u>	
Ambient Condition: <u>24</u> °C, <u>48</u> %RH,	
Test Date: <u>2025.11.19-12.01</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	8.520	2407.800	2416.320	0.5	PASS
		2437	9.160	2432.200	2441.360	0.5	PASS
		2462	8.520	2457.800	2466.320	0.5	PASS
11G	Ant1	2412	14.240	2405.360	2419.600	0.5	PASS
		2437	14.280	2429.560	2443.840	0.5	PASS
		2462	14.840	2454.640	2469.480	0.5	PASS
11N20SISO	Ant1	2412	14.680	2405.000	2419.680	0.5	PASS
		2437	15.360	2429.360	2444.720	0.5	PASS
		2462	14.760	2454.920	2469.680	0.5	PASS
11N40SISO	Ant1	2422	26.480	2409.680	2436.160	0.5	PASS
		2437	28.320	2422.920	2451.240	0.5	PASS
		2452	28.160	2438.160	2466.320	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

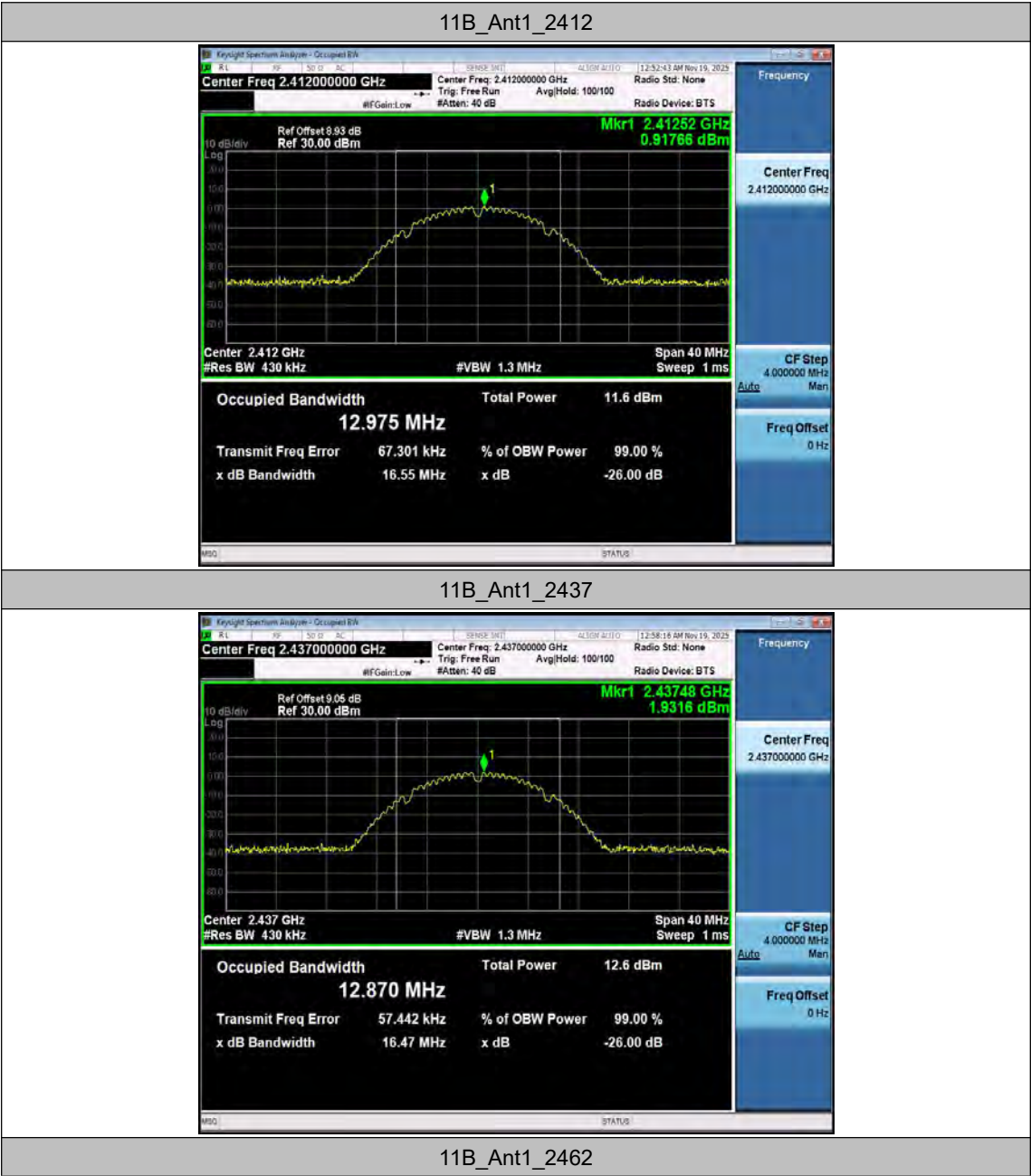


Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.975	2405.5798	2418.5548	---	---
		2437	12.870	2430.6224	2443.4924	---	---
		2462	12.862	2455.6001	2468.4621	---	---
11G	Ant1	2412	16.918	2403.6030	2420.5210	---	---
		2437	16.756	2428.6555	2445.4115	---	---
		2462	16.788	2453.6161	2470.4041	---	---
11N20SISO	Ant1	2412	17.839	2403.1105	2420.9495	---	---
		2437	17.806	2428.1339	2445.9399	---	---
		2462	17.761	2453.1322	2470.8932	---	---
11N40SISO	Ant1	2422	36.185	2404.0755	2440.2605	---	---
		2437	36.062	2419.1225	2455.1845	---	---
		2452	36.161	2433.9720	2470.1330	---	---

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



11N40SISO_Ant1_2452



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency [MHz]	Set Power	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	---	11.64	≤30.00	PASS
		2437	---	12.66	≤30.00	PASS
		2462	---	13.04	≤30.00	PASS
11G	Ant1	2412	---	15.71	≤30.00	PASS
		2437	---	16.86	≤30.00	PASS
		2462	---	16.87	≤30.00	PASS
11N20SI SO	Ant1	2412	---	15.30	≤30.00	PASS
		2437	---	16.38	≤30.00	PASS
		2462	---	16.70	≤30.00	PASS
11N40SI SO	Ant1	2422	---	15.14	≤30.00	PASS
		2437	---	15.65	≤30.00	PASS
		2452	---	16.09	≤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	-13.37	≤8.00	PASS
		2437	-13.48	≤8.00	PASS
		2462	-11.74	≤8.00	PASS
11G	Ant1	2412	-15.82	≤8.00	PASS
		2437	-15.00	≤8.00	PASS
		2462	-15.79	≤8.00	PASS
11N20SISO	Ant1	2412	-16.73	≤8.00	PASS
		2437	-14.23	≤8.00	PASS
		2462	-15.52	≤8.00	PASS
11N40SISO	Ant1	2422	-19.04	≤8.00	PASS
		2437	-19.28	≤8.00	PASS
		2452	-17.62	≤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



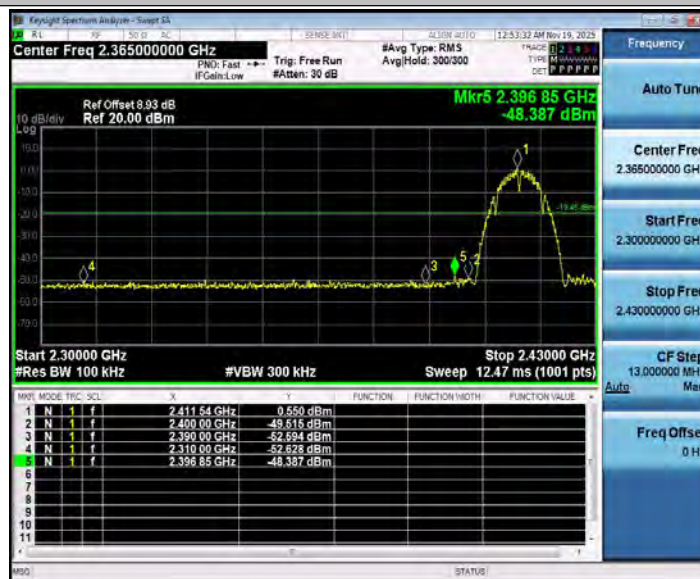
Appendix A.5: Band edge measurements

Test Result

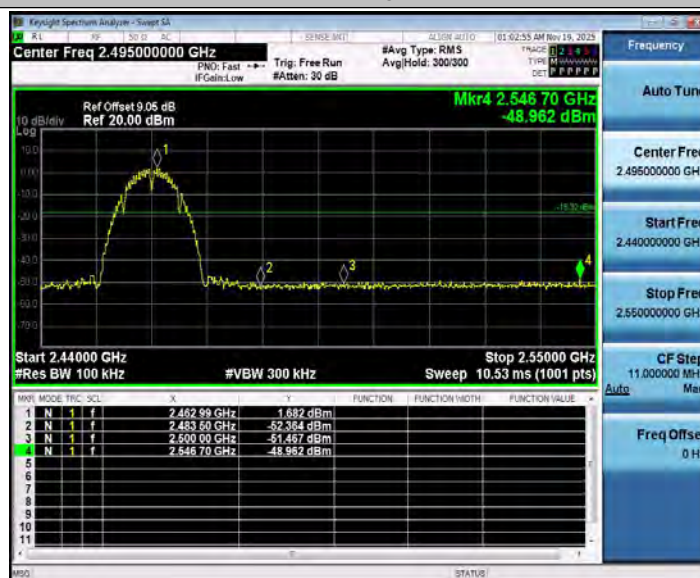
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.55	-48.39	≤-19.45	PASS
		High	2462	1.68	-48.96	≤-18.32	PASS
11G	Ant1	Low	2412	-2.20	-41.67	≤-22.2	PASS
		High	2462	-0.89	-48.62	≤-20.89	PASS
11N20SISO	Ant1	Low	2412	-2.45	-42.08	≤-22.45	PASS
		High	2462	-1.00	-48.36	≤-21	PASS
11N40SISO	Ant1	Low	2422	-5.13	-45.76	≤-25.13	PASS
		High	2452	-4.31	-47.82	≤-24.31	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



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

Appendix A.6: Conducted Spurious Emission

Test Result

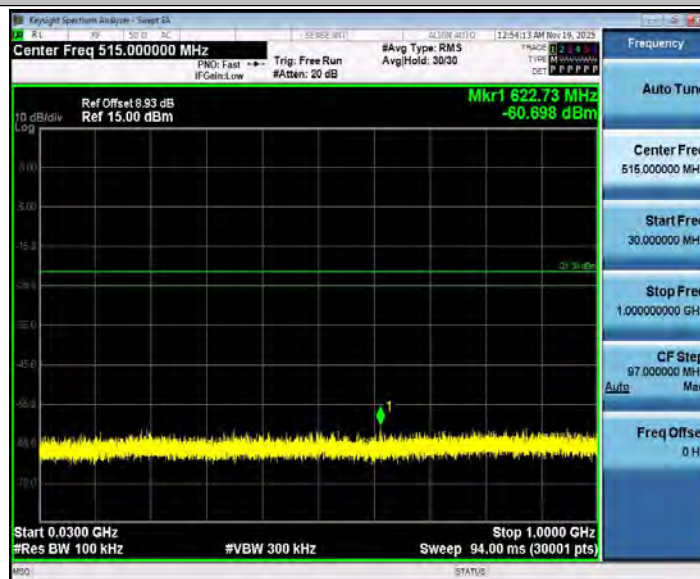
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-1.38	-1.38	---	PASS
			30~1000	-1.38	-60.7	≤-21.38	PASS
			1000~26500	-1.38	-47.89	≤-21.38	PASS
		2437	Reference	0.88	0.88	---	PASS
			30~1000	0.88	-60.14	≤-19.12	PASS
			1000~26500	0.88	-47.5	≤-19.12	PASS
		2462	Reference	1.21	1.21	---	PASS
			30~1000	1.21	-59.12	≤-18.79	PASS
			1000~26500	1.21	-46.88	≤-18.79	PASS
11G	Ant1	2412	Reference	-4.85	-4.85	---	PASS
			30~1000	-4.85	-60.49	≤-24.85	PASS
			1000~26500	-4.85	-47.73	≤-24.85	PASS
		2437	Reference	-3.24	-3.24	---	PASS
			30~1000	-3.24	-60.73	≤-23.24	PASS
			1000~26500	-3.24	-47.56	≤-23.24	PASS
		2462	Reference	-4.76	-4.76	---	PASS
			30~1000	-4.76	-60.11	≤-24.76	PASS
			1000~26500	-4.76	-48.09	≤-24.76	PASS
11N20SISO	Ant1	2412	Reference	-3.46	-3.46	---	PASS
			30~1000	-3.46	-60.44	≤-23.46	PASS
			1000~26500	-3.46	-47.07	≤-23.46	PASS
		2437	Reference	-4.26	-4.26	---	PASS
			30~1000	-4.26	-60.69	≤-24.26	PASS
			1000~26500	-4.26	-47.81	≤-24.26	PASS
		2462	Reference	-4.27	-4.27	---	PASS
			30~1000	-4.27	-59.86	≤-24.27	PASS
			1000~26500	-4.27	-47.26	≤-24.27	PASS
11N40SISO	Ant1	2422	Reference	-5.53	-5.53	---	PASS
			30~1000	-5.53	-60.53	≤-25.53	PASS
			1000~26500	-5.53	-47.34	≤-25.53	PASS
		2437	Reference	-5.40	-5.40	---	PASS
			30~1000	-5.40	-60.28	≤-25.4	PASS
			1000~26500	-5.40	-46.96	≤-25.4	PASS
		2452	Reference	-4.47	-4.47	---	PASS
			30~1000	-4.47	-60.39	≤-24.47	PASS
			1000~26500	-4.47	-47.73	≤-24.47	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

