







11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	2412	18.17	≤30.00	PASS
	Ant1	2412	18.70	≤30.00	PASS
	Ant0	2437	18.19	≤30.00	PASS
	Ant1	2437	18.84	≤30.00	PASS
	Ant0	2462	18.27	≤30.00	PASS
	Ant1	2462	18.72	≤30.00	PASS
11G	Ant0	2412	15.95	≤30.00	PASS
	Ant1	2412	16.81	≤30.00	PASS
	Ant0	2437	16.15	≤30.00	PASS
	Ant1	2437	17.14	≤30.00	PASS
	Ant0	2462	16.46	≤30.00	PASS
	Ant1	2462	17.23	≤30.00	PASS
11N20MIMO	Ant0	2412	16.33	≤30.00	PASS
	Ant1	2412	17.13	≤30.00	PASS
	total	2412	19.76	≤30.00	PASS
	Ant0	2437	16.29	≤30.00	PASS
	Ant1	2437	16.85	≤30.00	PASS
	total	2437	19.59	≤30.00	PASS
	Ant0	2462	16.26	≤30.00	PASS
	Ant1	2462	16.95	≤30.00	PASS
	total	2462	19.63	≤30.00	PASS
11N40MIMO	Ant0	2422	15.88	≤30.00	PASS
	Ant1	2422	16.84	≤30.00	PASS
	total	2422	19.40	≤30.00	PASS
	Ant0	2437	15.99	≤30.00	PASS
	Ant1	2437	16.49	≤30.00	PASS
	total	2437	19.26	≤30.00	PASS
	Ant0	2452	16.32	≤30.00	PASS
	Ant1	2452	16.96	≤30.00	PASS
	total	2452	19.66	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

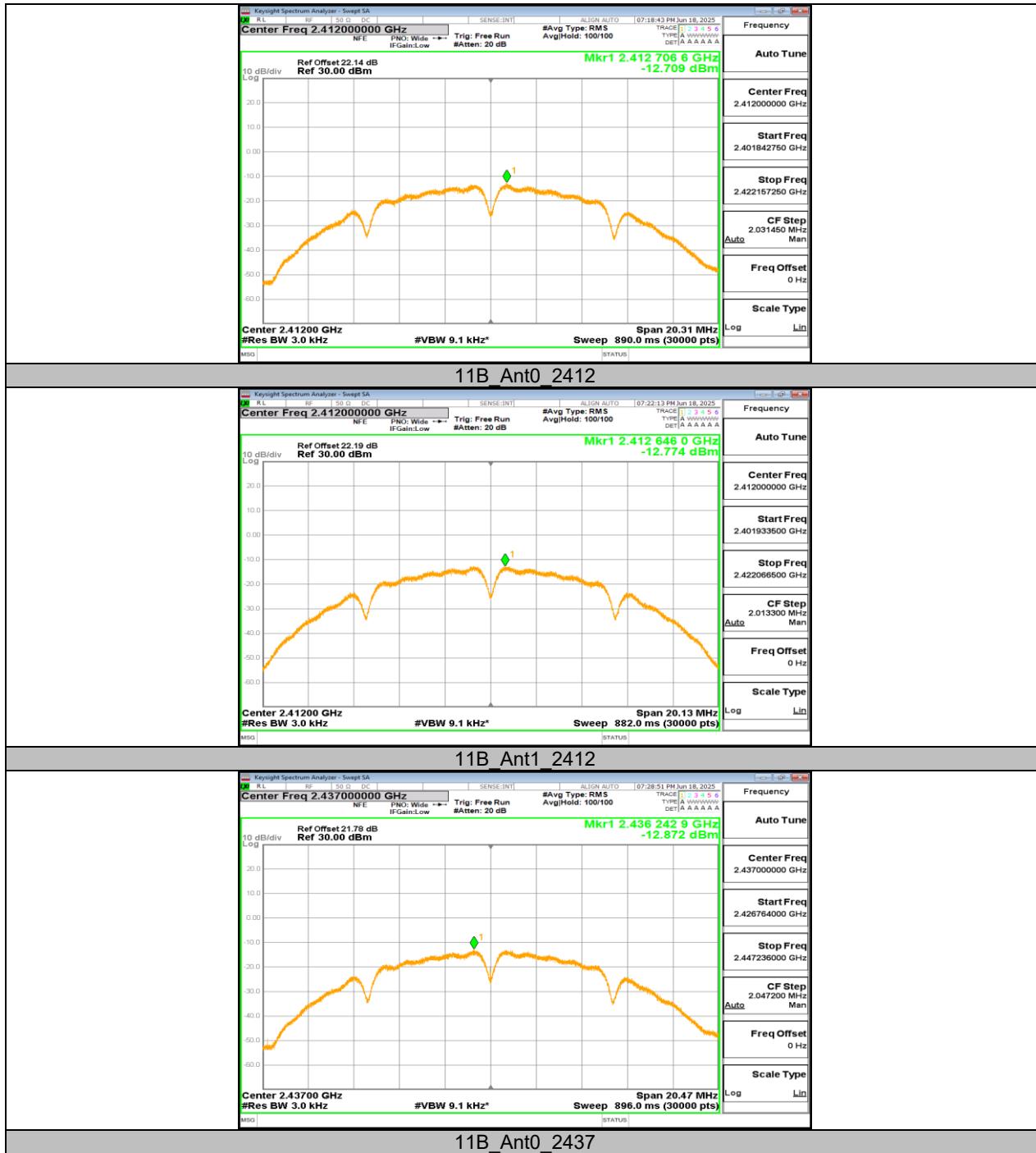
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-12.71	≤8.00	PASS
	Ant1	2412	-12.77	≤8.00	PASS
	Ant0	2437	-12.87	≤8.00	PASS
	Ant1	2437	-12.50	≤8.00	PASS
	Ant0	2462	-12.82	≤8.00	PASS
	Ant1	2462	-12.15	≤8.00	PASS
11G	Ant0	2412	-16.75	≤8.00	PASS
	Ant1	2412	-16.28	≤8.00	PASS
	Ant0	2437	-17.04	≤8.00	PASS
	Ant1	2437	-15.73	≤8.00	PASS
	Ant0	2462	-16.36	≤8.00	PASS
	Ant1	2462	-15.85	≤8.00	PASS
11N20MIMO	Ant0	2412	-15.97	≤8.00	PASS
	Ant1	2412	-15.66	≤8.00	PASS
	total	2412	-12.80	≤8.00	PASS
	Ant0	2437	-16.57	≤8.00	PASS
	Ant1	2437	-15.80	≤8.00	PASS
	total	2437	-13.16	≤8.00	PASS
	Ant0	2462	-16.80	≤8.00	PASS
	Ant1	2462	-15.79	≤8.00	PASS
	total	2462	-13.26	≤8.00	PASS
11N40MIMO	Ant0	2422	-18.72	≤8.00	PASS
	Ant1	2422	-17.52	≤8.00	PASS
	total	2422	-15.07	≤8.00	PASS
	Ant0	2437	-18.50	≤8.00	PASS
	Ant1	2437	-17.84	≤8.00	PASS
	total	2437	-15.15	≤8.00	PASS
	Ant0	2452	-17.56	≤8.00	PASS
	Ant1	2452	-16.88	≤8.00	PASS
	total	2452	-14.20	≤8.00	PASS

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs

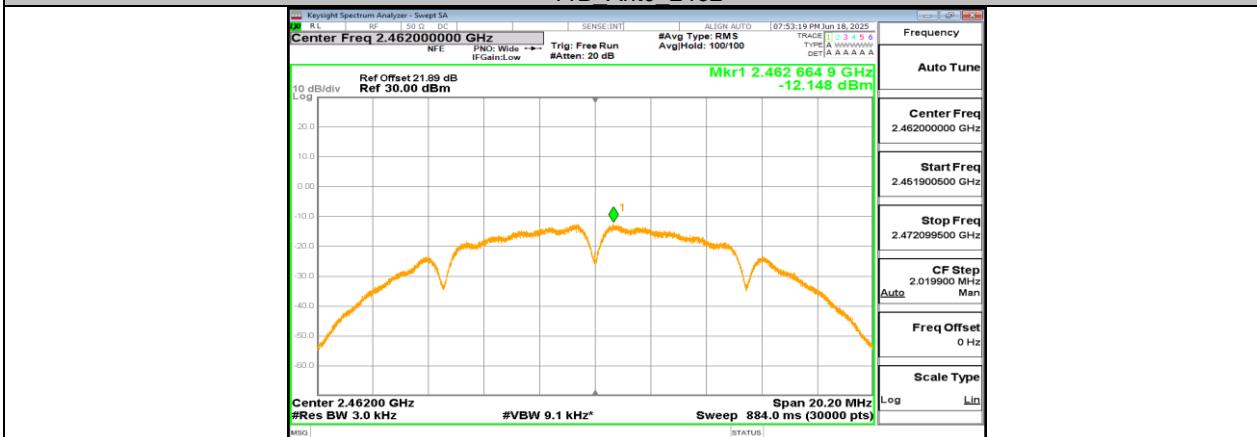




11B Ant1 2437



11B Ant0 2462



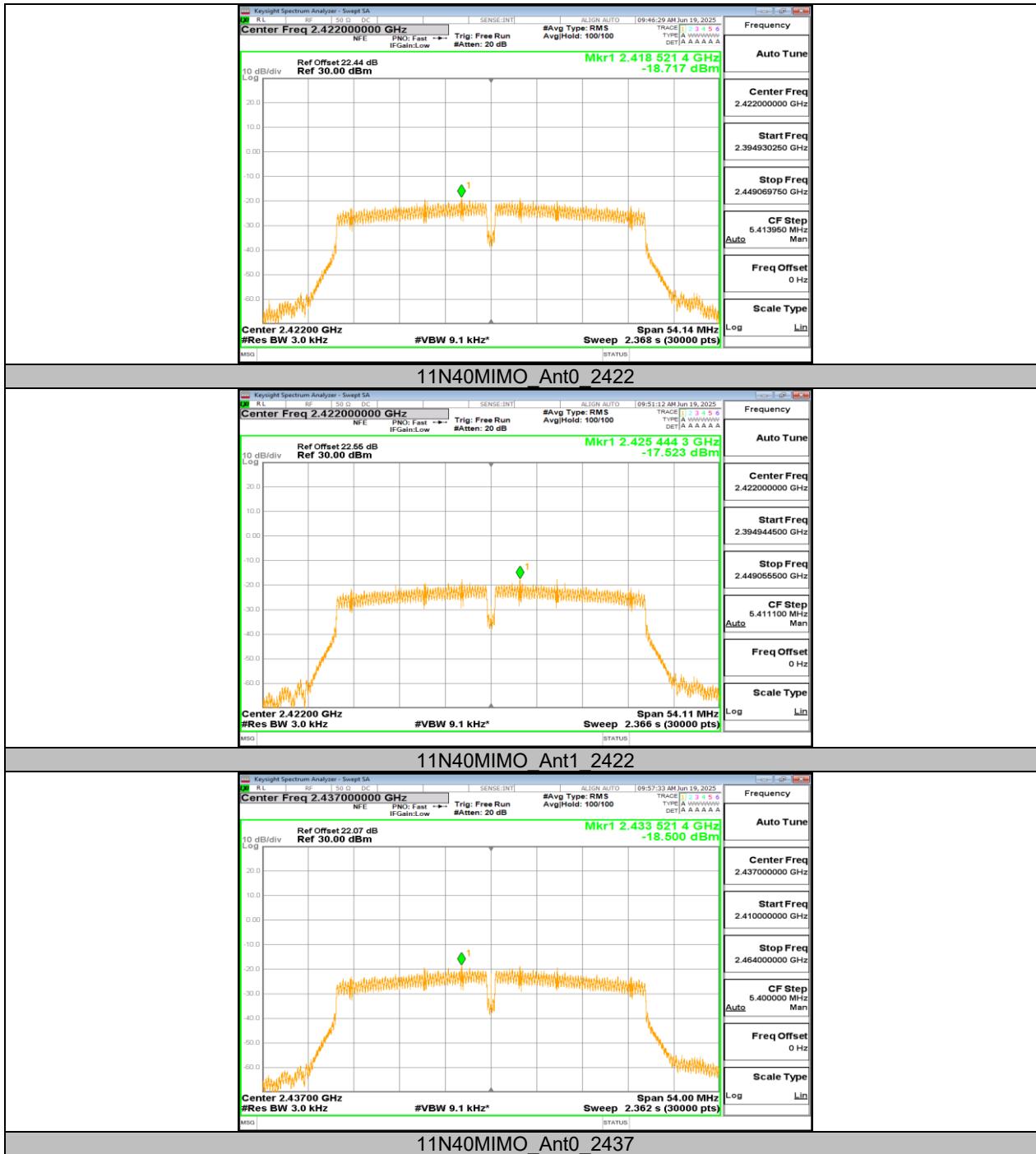
11B Ant1 2462

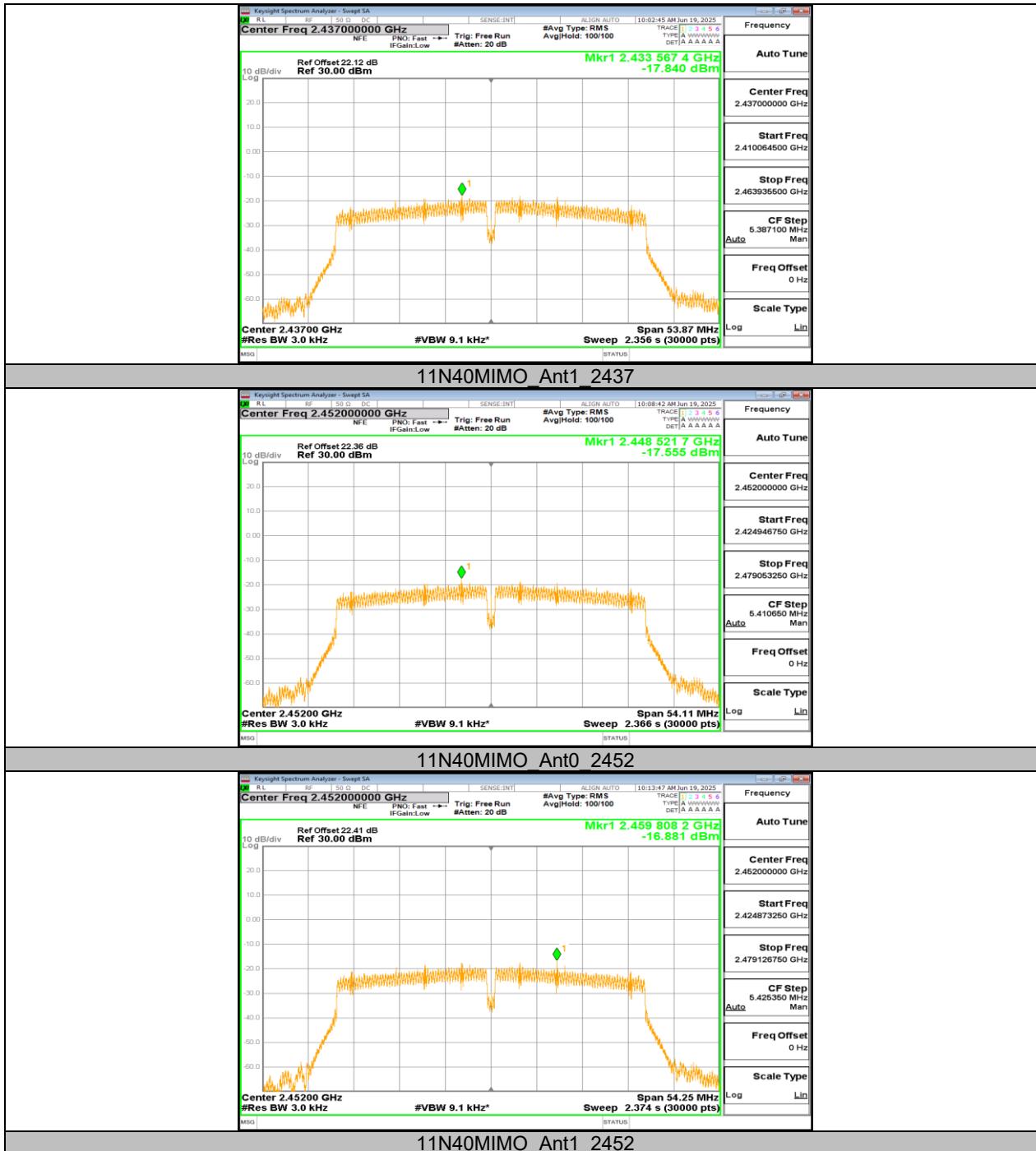












11.5. APPENDIX E: BAND EDGE MEASUREMENTS

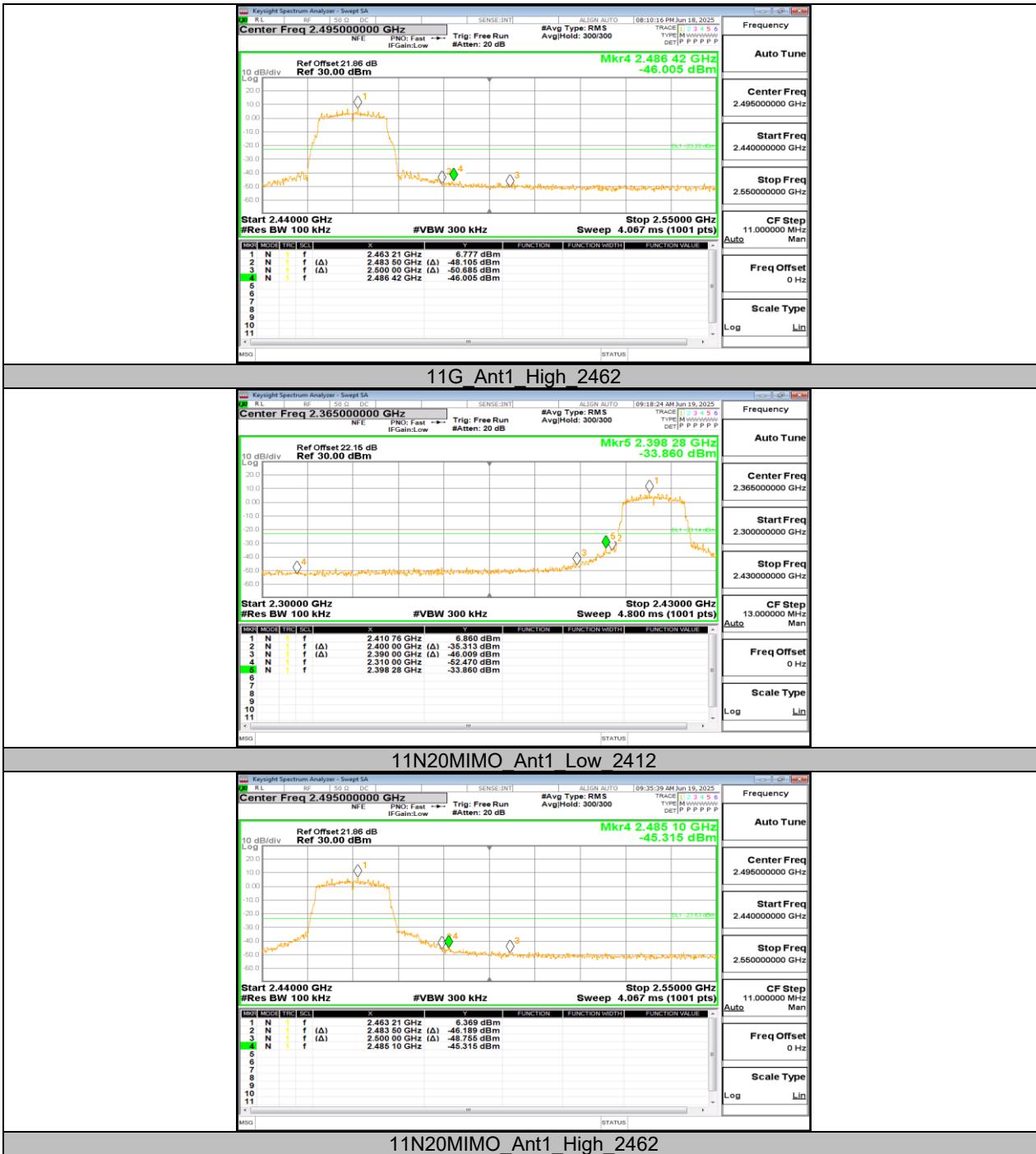
11.5.1. Test Result

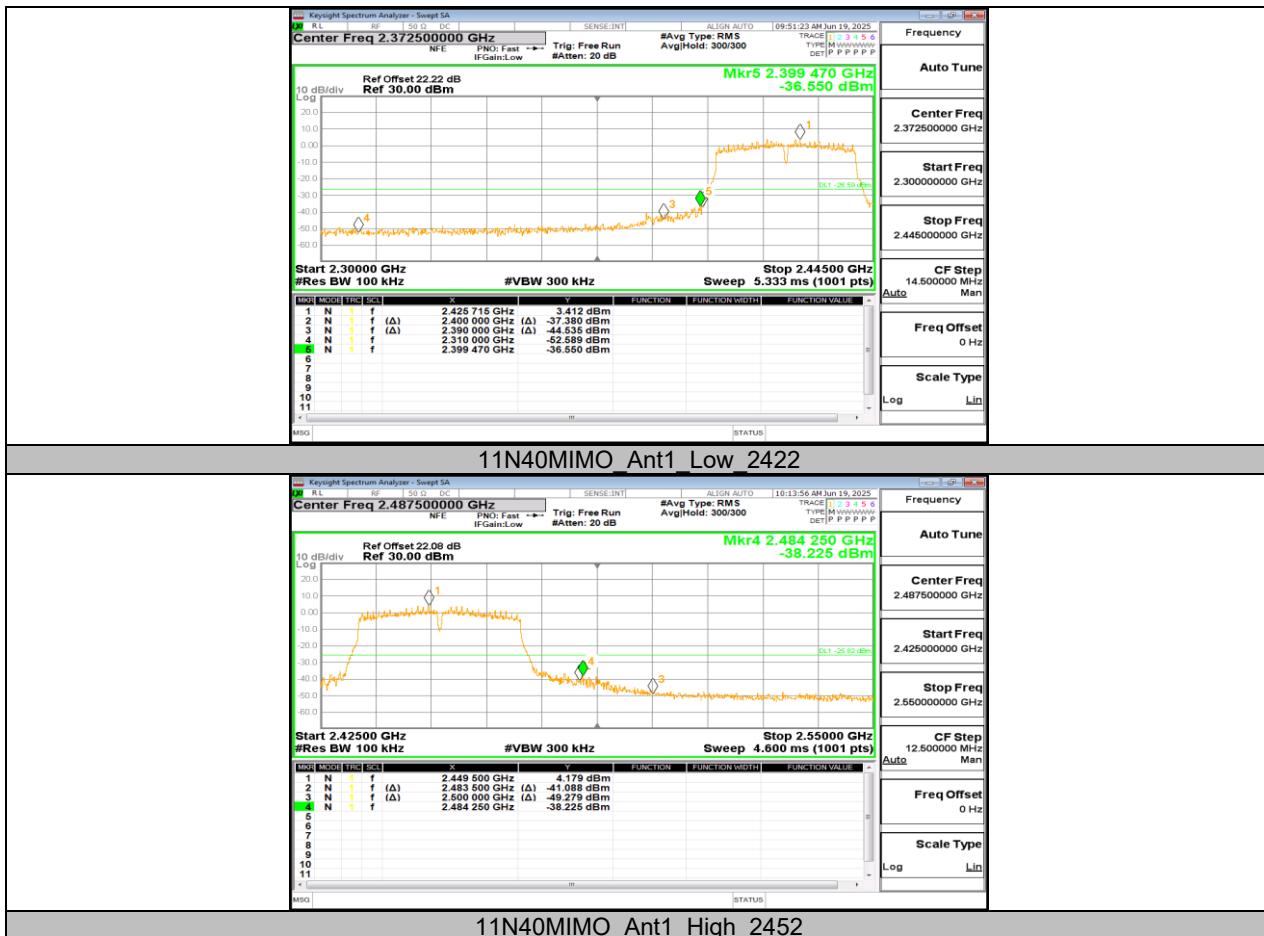
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	10.55	-35.43	≤-19.45	PASS
		High	2462	10.12	-48.96	≤-19.88	PASS
11G	Ant1	Low	2412	6.98	-39.04	≤-23.02	PASS
		High	2462	6.78	-46.01	≤-23.22	PASS
11N20MIMO	Ant1	Low	2412	6.86	-33.86	≤-23.14	PASS
		High	2462	6.37	-45.32	≤-23.63	PASS
11N40MIMO	Ant1	Low	2422	3.41	-36.55	≤-26.59	PASS
		High	2452	4.18	-38.23	≤-25.82	PASS

Note: Both Ant0 and Ant1 were performed this test, and the only the worst case were shown in the report, which is the test result of Ant1.

11.5.2. Test Graphs







11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.40	---	PASS
			30~1000	-50.55	≤-22.6	PASS
			1000~26500	-40.77	≤-22.6	PASS
		2437	Reference	9.14	---	PASS
			30~1000	-49.67	≤-20.86	PASS
			1000~26500	-41.15	≤-20.86	PASS
		2462	Reference	8.28	---	PASS
			30~1000	-51.4	≤-21.72	PASS
			1000~26500	-40.7	≤-21.72	PASS
11G	Ant1	2412	Reference	4.82	---	PASS
			30~1000	-50.56	≤-25.18	PASS
			1000~26500	-40.31	≤-25.18	PASS
		2437	Reference	3.01	---	PASS
			30~1000	-51.33	≤-26.99	PASS
			1000~26500	-41.54	≤-26.99	PASS
		2462	Reference	4.32	---	PASS
			30~1000	-50.42	≤-25.68	PASS
			1000~26500	-41.14	≤-25.68	PASS
11N20MIMO	Ant1	2412	Reference	3.75	---	PASS
			30~1000	-50.66	≤-26.25	PASS
			1000~26500	-41.36	≤-26.25	PASS
		2437	Reference	2.98	---	PASS
			30~1000	-51.25	≤-27.02	PASS
			1000~26500	-41.18	≤-27.02	PASS
		2462	Reference	4.44	---	PASS
			30~1000	-51.39	≤-25.56	PASS
			1000~26500	-41.92	≤-25.56	PASS
11N40MIMO	Ant1	2422	Reference	2.49	---	PASS
			30~1000	-50.94	≤-27.51	PASS
			1000~26500	-40.98	≤-27.51	PASS
		2437	Reference	3.28	---	PASS
			30~1000	-50.93	≤-26.72	PASS
			1000~26500	-41.81	≤-26.72	PASS
		2452	Reference	2.95	---	PASS
			30~1000	-50.3	≤-27.05	PASS
			1000~26500	-41.03	≤-27.05	PASS

Note: Both Ant0 and Ant1 were performed this test, and the only the worst case were shown in the report, which is the test result of Ant1.

11.6.2. Test Graphs









