



11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.62	≤30.00	PASS
	Ant2	2412	14.27	≤30.00	PASS
	Ant1	2437	14.01	≤30.00	PASS
	Ant2	2437	14.72	≤30.00	PASS
	Ant1	2462	14.15	≤30.00	PASS
	Ant2	2462	15.09	≤30.00	PASS
11G	Ant1	2412	14.55	≤30.00	PASS
	Ant2	2412	14.34	≤30.00	PASS
	Ant1	2437	14.12	≤30.00	PASS
	Ant2	2437	15.04	≤30.00	PASS
	Ant1	2462	14.26	≤30.00	PASS
	Ant2	2462	15.01	≤30.00	PASS
11N20MIMO	Ant1	2412	14.76	≤30.00	PASS
	Ant2	2412	15.50	≤30.00	PASS
	total	2412	18.16	≤30.00	PASS
	Ant1	2437	14.24	≤30.00	PASS
	Ant2	2437	14.74	≤30.00	PASS
	total	2437	17.51	≤30.00	PASS
	Ant1	2462	14.11	≤30.00	PASS
	Ant2	2462	15.18	≤30.00	PASS
	total	2462	17.69	≤30.00	PASS
11N40MIMO	Ant1	2422	14.41	≤30.00	PASS
	Ant2	2422	14.67	≤30.00	PASS
	total	2422	17.55	≤30.00	PASS
	Ant1	2437	14.23	≤30.00	PASS
	Ant2	2437	14.96	≤30.00	PASS
	total	2437	17.62	≤30.00	PASS
	Ant1	2452	14.29	≤30.00	PASS
	Ant2	2452	15.17	≤30.00	PASS
	total	2452	17.76	≤30.00	PASS
11AX20MIMO	Ant1	2412	12.57	≤30.00	PASS
	Ant2	2412	13.01	≤30.00	PASS
	total	2412	15.81	≤30.00	PASS
	Ant1	2437	12.31	≤30.00	PASS
	Ant2	2437	13.27	≤30.00	PASS
	total	2437	15.83	≤30.00	PASS
	Ant1	2462	12.45	≤30.00	PASS
	Ant2	2462	13.34	≤30.00	PASS
	total	2462	15.93	≤30.00	PASS
11AX40MIMO	Ant1	2422	11.92	≤30.00	PASS
	Ant2	2422	12.48	≤30.00	PASS
	total	2422	15.22	≤30.00	PASS
	Ant1	2437	12.61	≤30.00	PASS
	Ant2	2437	13.47	≤30.00	PASS
	total	2437	16.07	≤30.00	PASS
	Ant1	2452	12.43	≤30.00	PASS
	Ant2	2452	13.34	≤30.00	PASS
	total	2452	15.92	≤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.

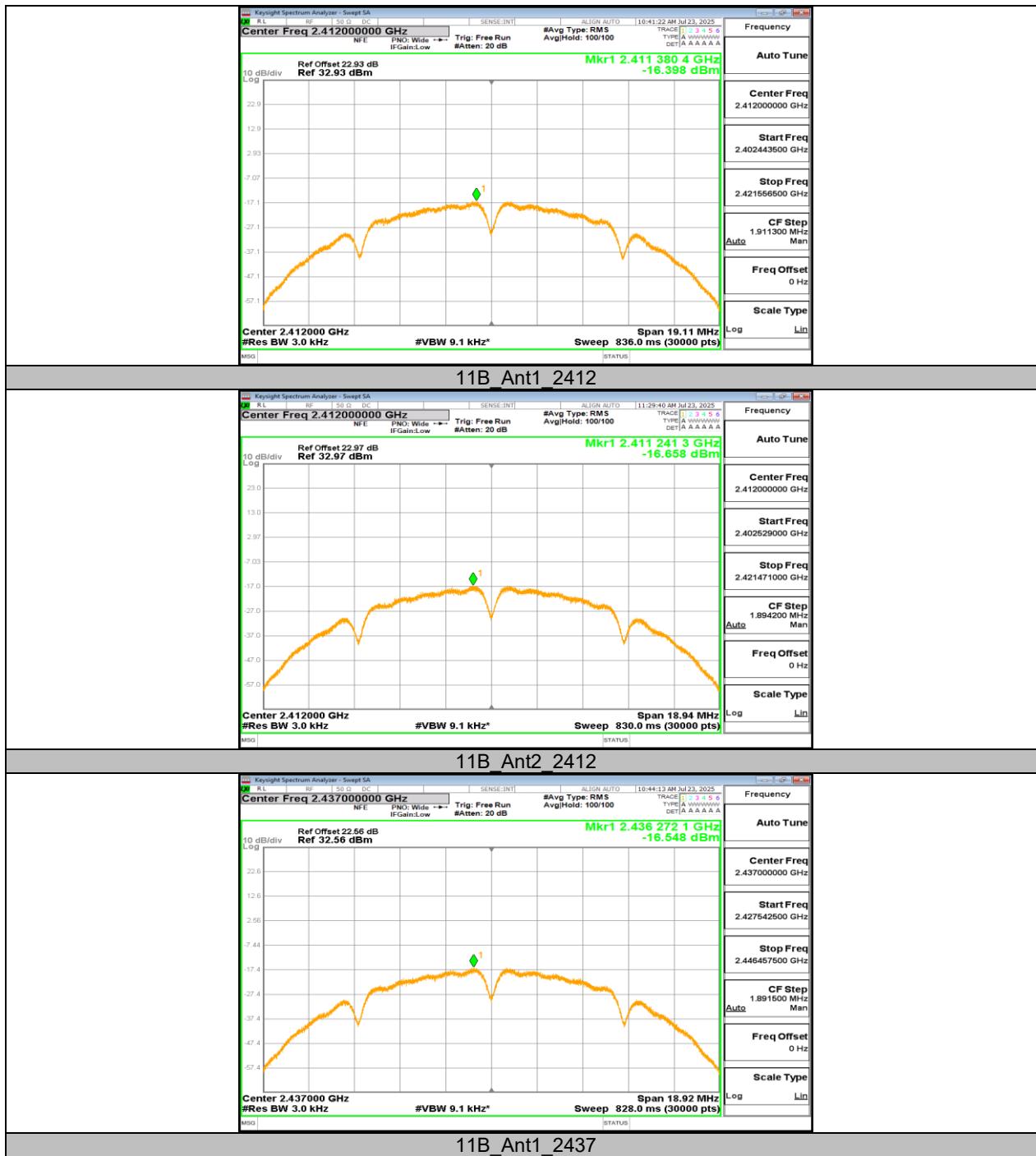
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.40	≤8.00	PASS
	Ant2	2412	-16.66	≤8.00	PASS
	Ant1	2437	-16.55	≤8.00	PASS
	Ant2	2437	-15.68	≤8.00	PASS
	Ant1	2462	-16.21	≤8.00	PASS
	Ant2	2462	-15.68	≤8.00	PASS
11G	Ant1	2412	-18.13	≤8.00	PASS
	Ant2	2412	-18.09	≤8.00	PASS
	Ant1	2437	-18.80	≤8.00	PASS
	Ant2	2437	-17.88	≤8.00	PASS
	Ant1	2462	-18.64	≤8.00	PASS
	Ant2	2462	-17.83	≤8.00	PASS
11N20MIMO	Ant1	2412	-17.74	≤8.00	PASS
	Ant2	2412	-16.14	≤8.00	PASS
	total	2412	-13.86	≤8.00	PASS
	Ant1	2437	-17.84	≤8.00	PASS
	Ant2	2437	-17.76	≤8.00	PASS
	total	2437	-14.79	≤8.00	PASS
	Ant1	2462	-18.81	≤8.00	PASS
	Ant2	2462	-17.54	≤8.00	PASS
	total	2462	-15.12	≤8.00	PASS
	Ant1	2422	-19.77	≤8.00	PASS
11N40MIMO	Ant2	2422	-19.23	≤8.00	PASS
	total	2422	-16.48	≤8.00	PASS
	Ant1	2437	-20.47	≤8.00	PASS
	Ant2	2437	-20.05	≤8.00	PASS
	total	2437	-17.24	≤8.00	PASS
	Ant1	2452	-19.41	≤8.00	PASS
	Ant2	2452	-19.24	≤8.00	PASS
	total	2452	-16.31	≤8.00	PASS
11AX20MIMO	Ant1	2412	-19.93	≤8.00	PASS
	Ant2	2412	-19.50	≤8.00	PASS
	total	2412	-16.70	≤8.00	PASS
	Ant1	2437	-20.18	≤8.00	PASS
	Ant2	2437	-18.49	≤8.00	PASS
	total	2437	-16.24	≤8.00	PASS
	Ant1	2462	-20.11	≤8.00	PASS
	Ant2	2462	-18.48	≤8.00	PASS
11AX40MIMO	total	2462	-16.21	≤8.00	PASS
	Ant1	2422	-23.05	≤8.00	PASS
	Ant2	2422	-21.75	≤8.00	PASS
	total	2422	-19.34	≤8.00	PASS
	Ant1	2437	-22.36	≤8.00	PASS
	Ant2	2437	-20.30	≤8.00	PASS
	total	2437	-18.20	≤8.00	PASS
	Ant1	2452	-22.49	≤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





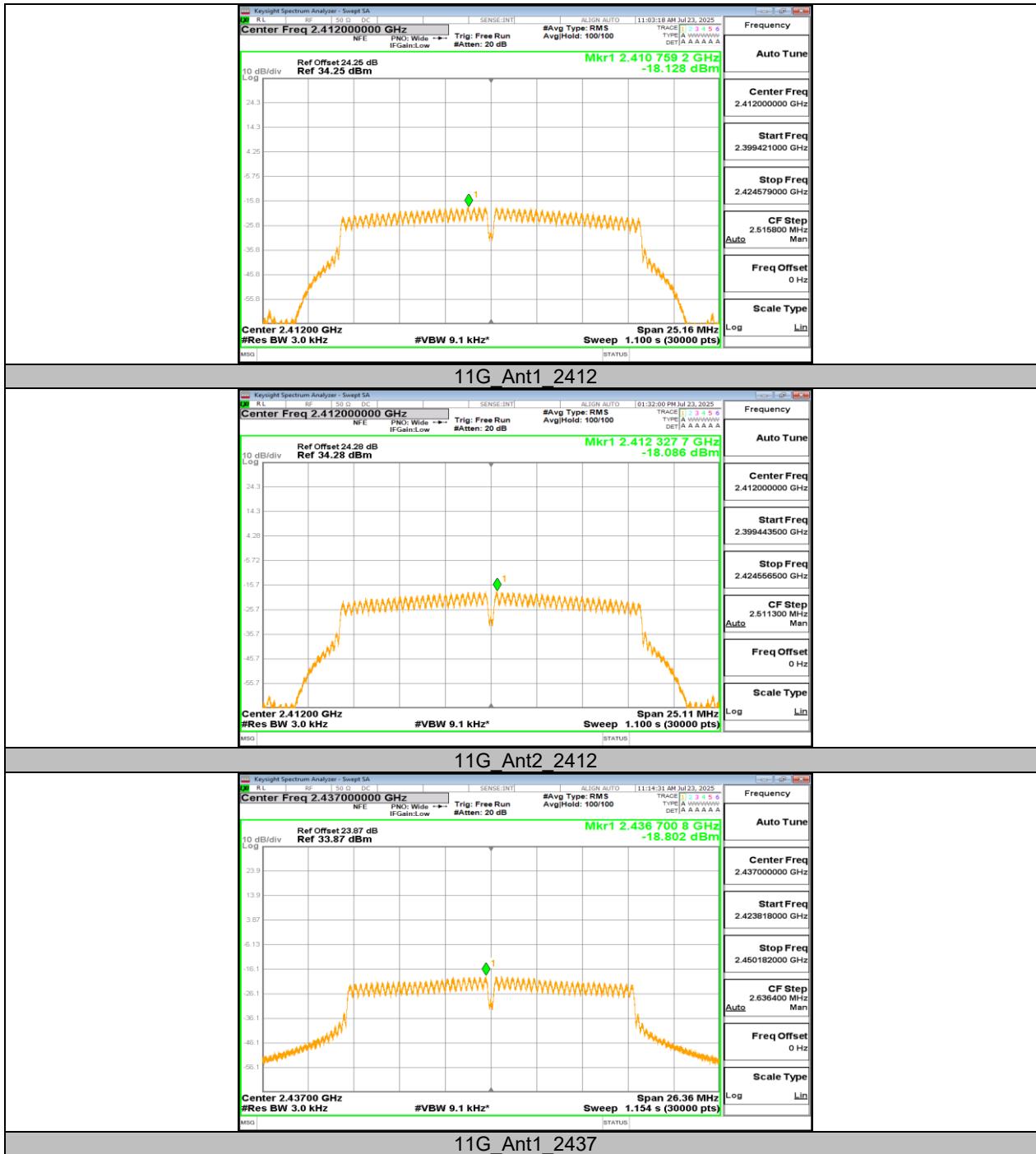
11B Ant2 2437

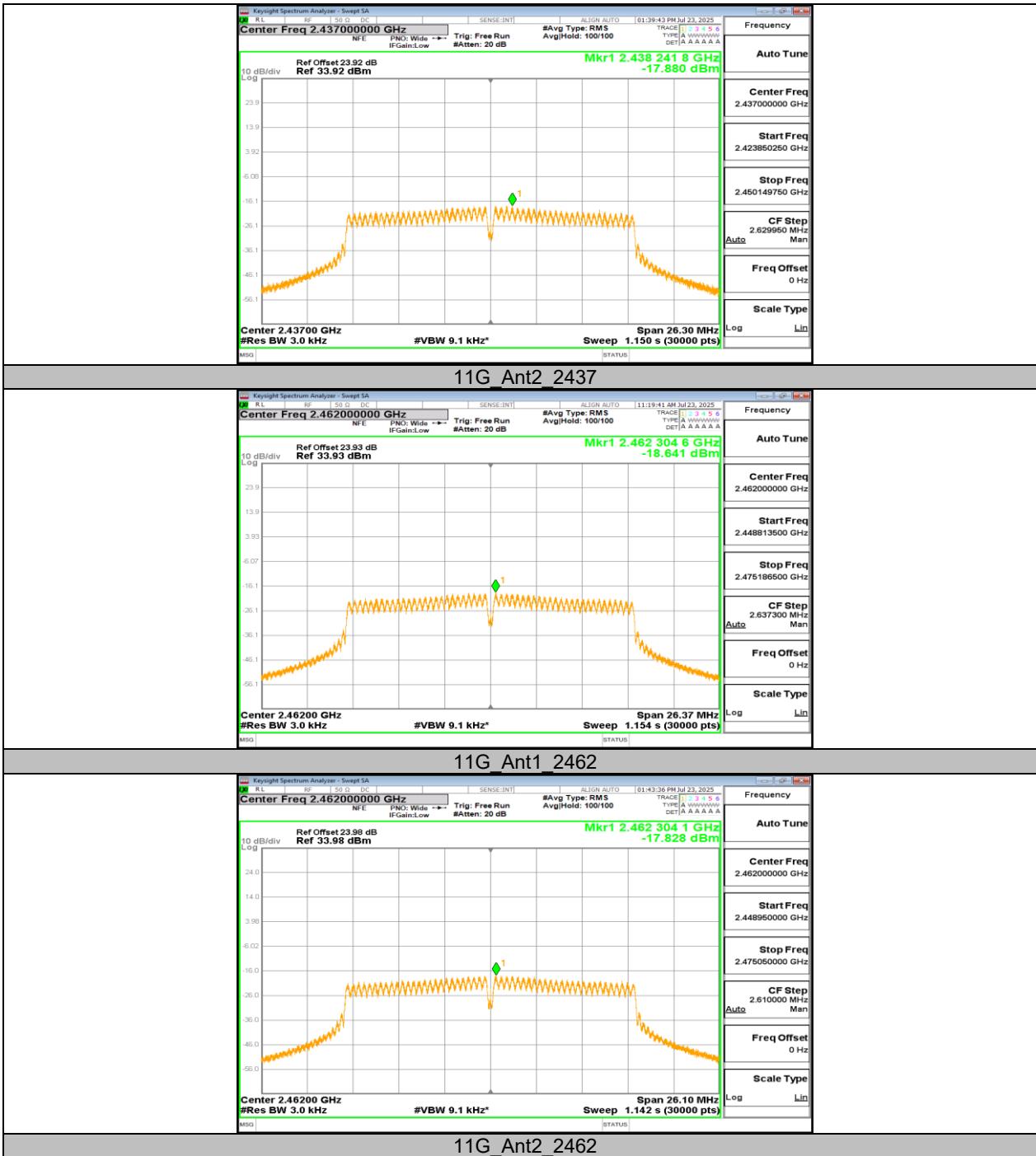


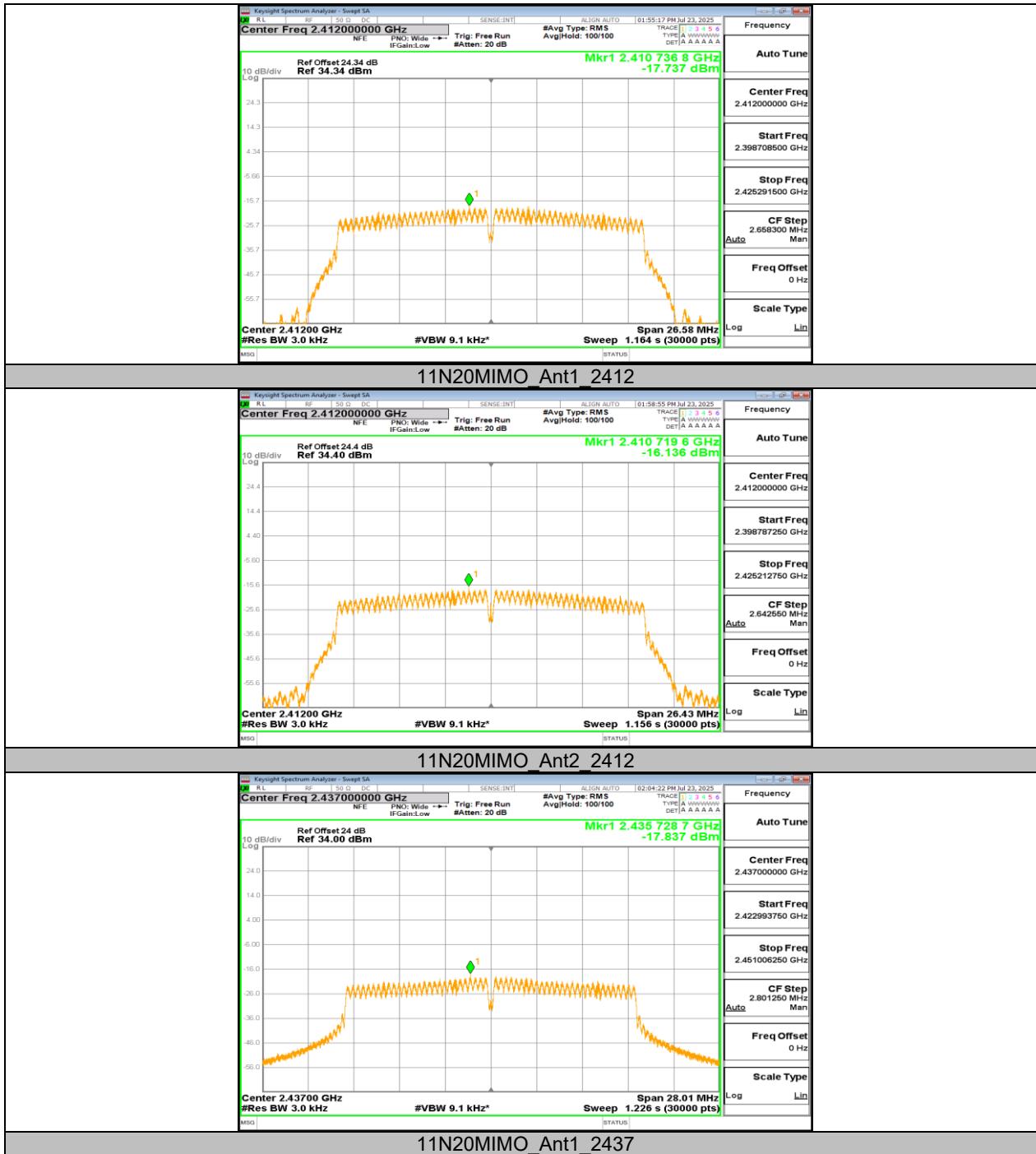
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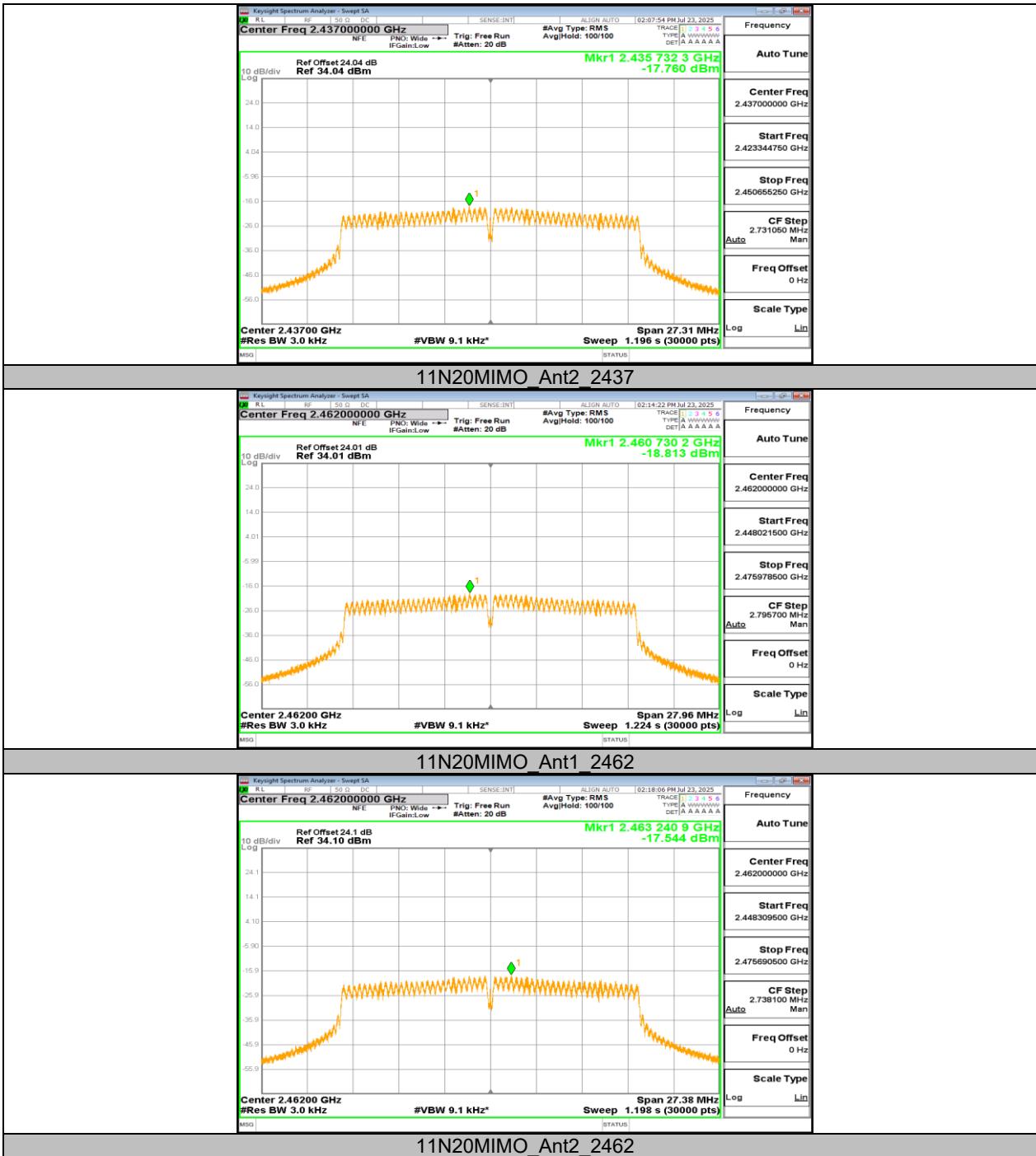


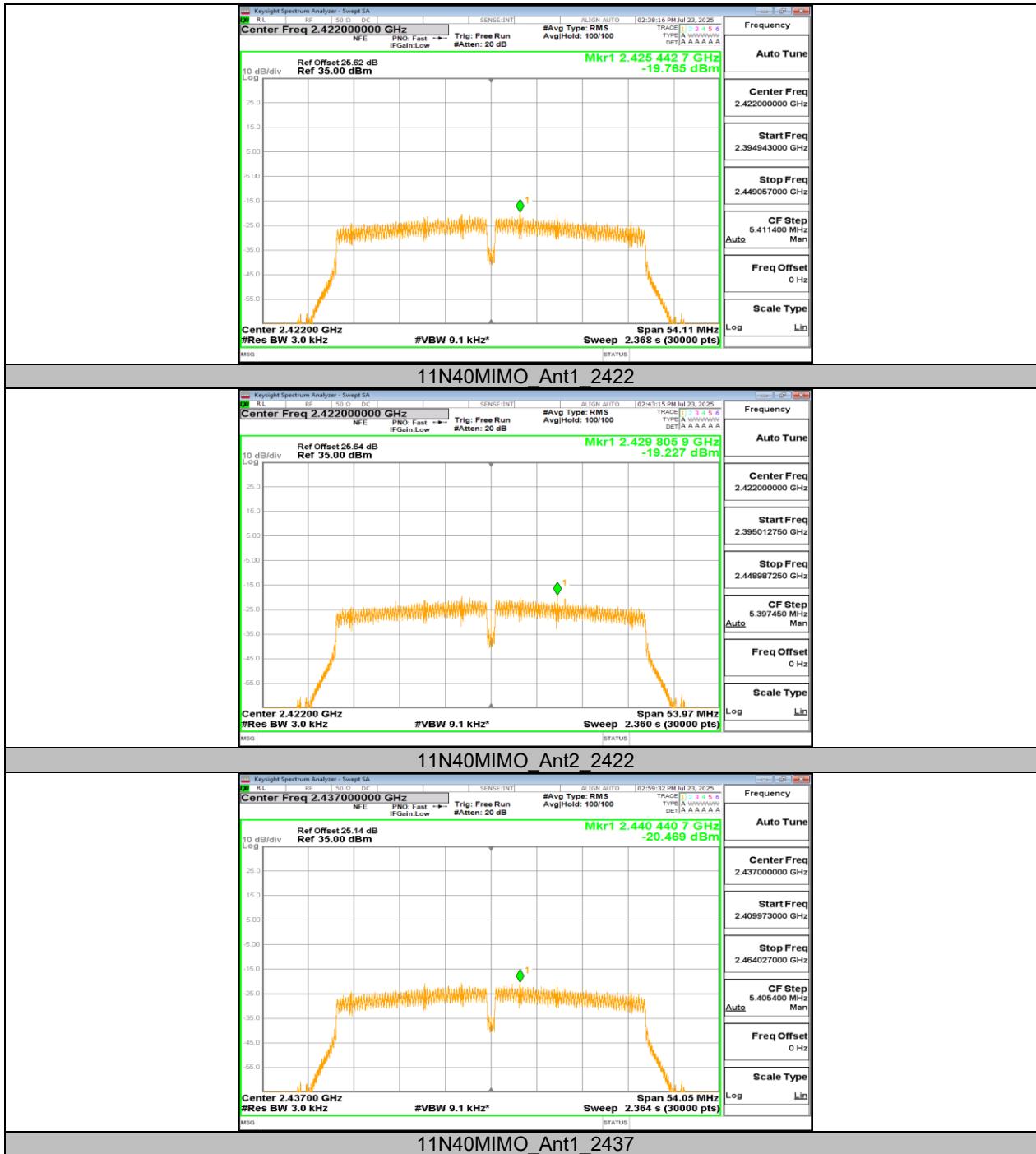
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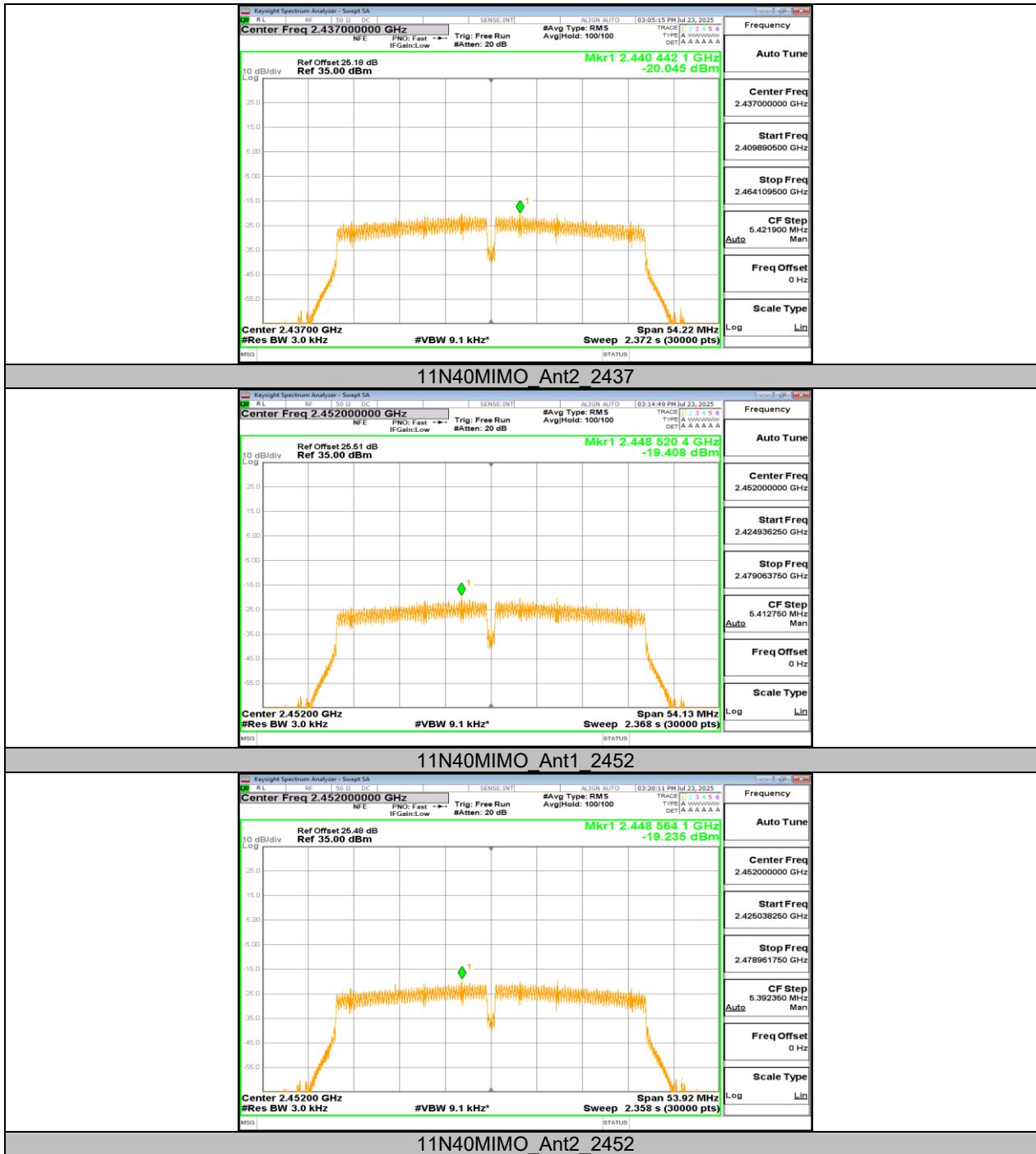


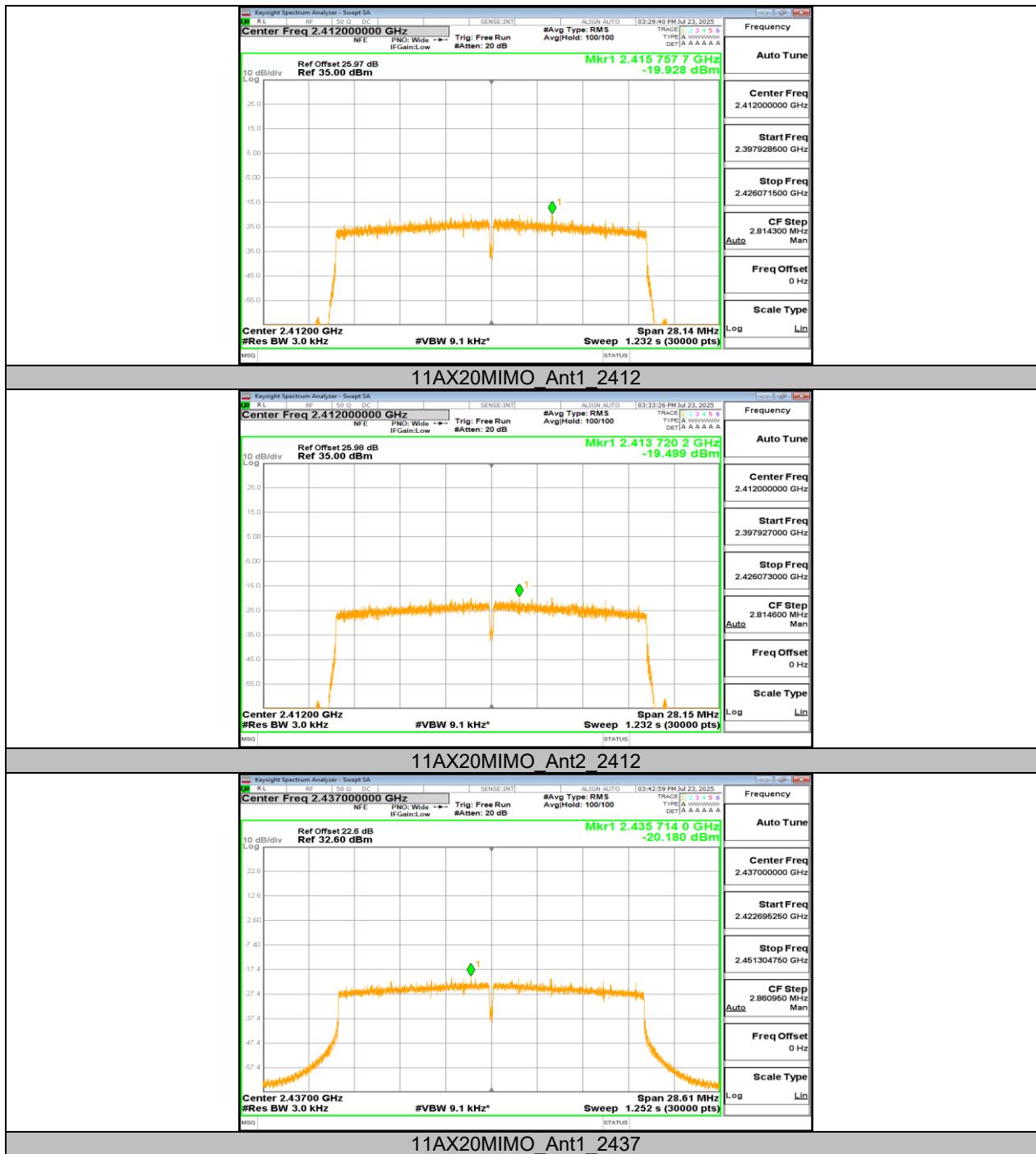


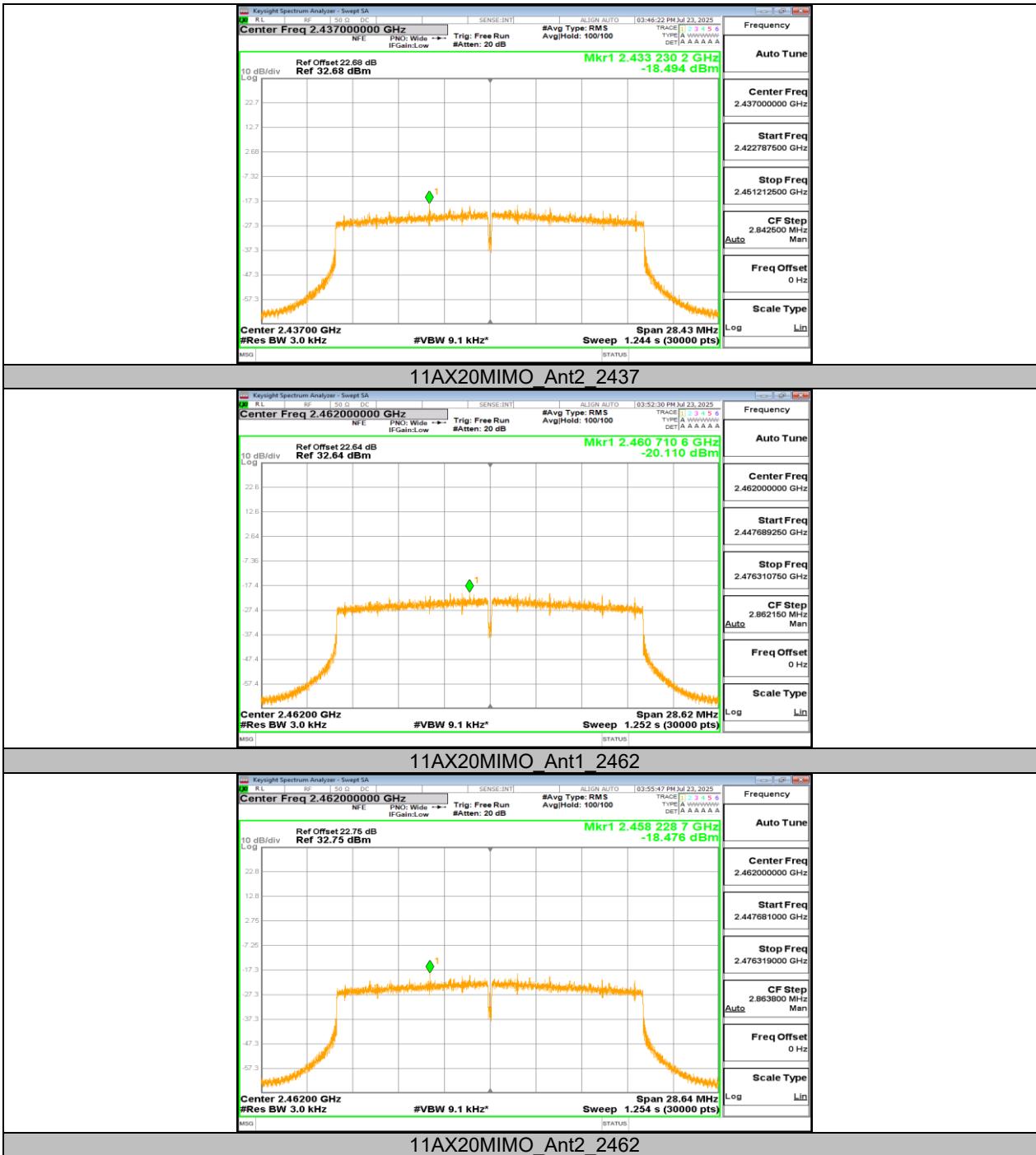


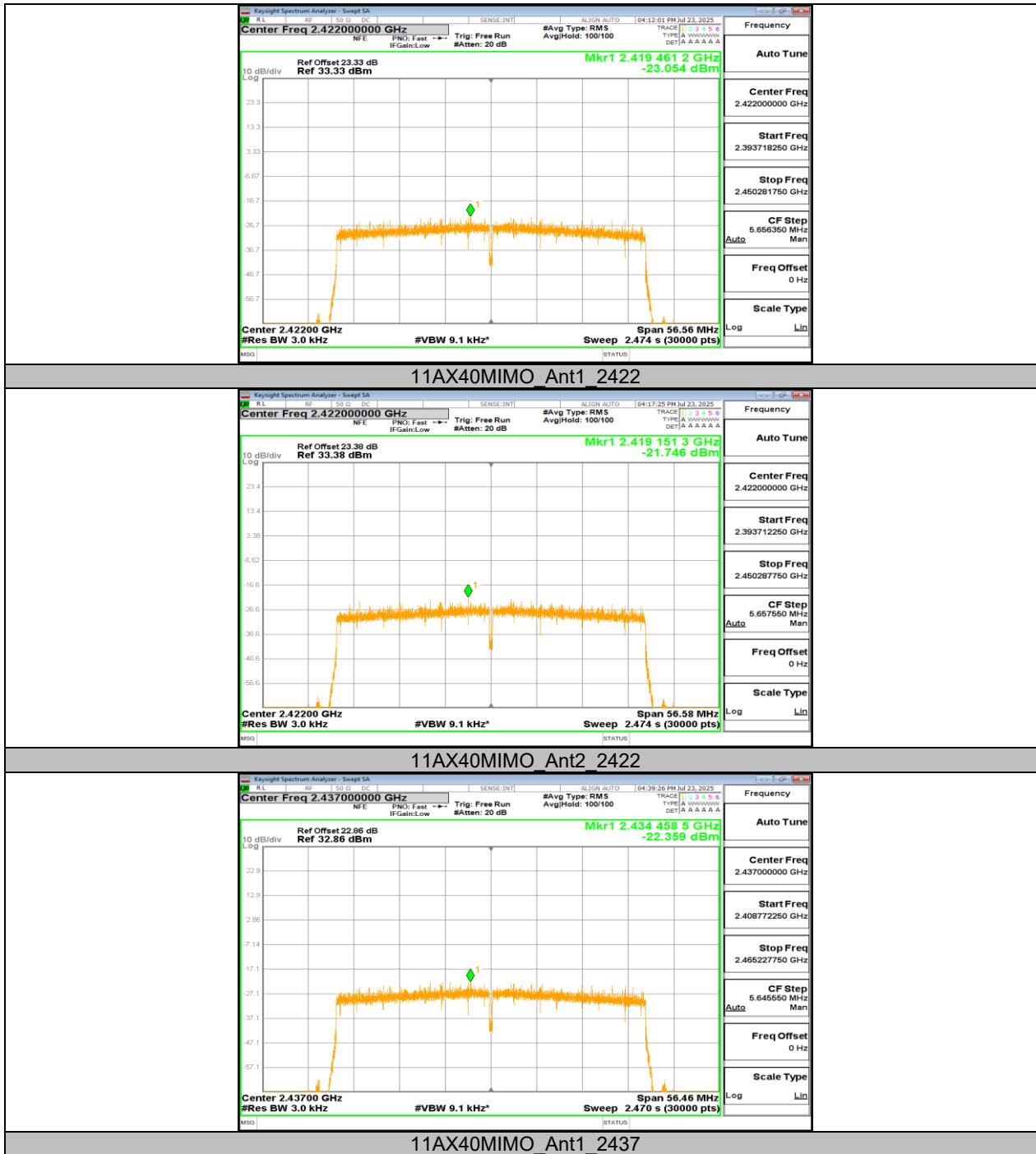


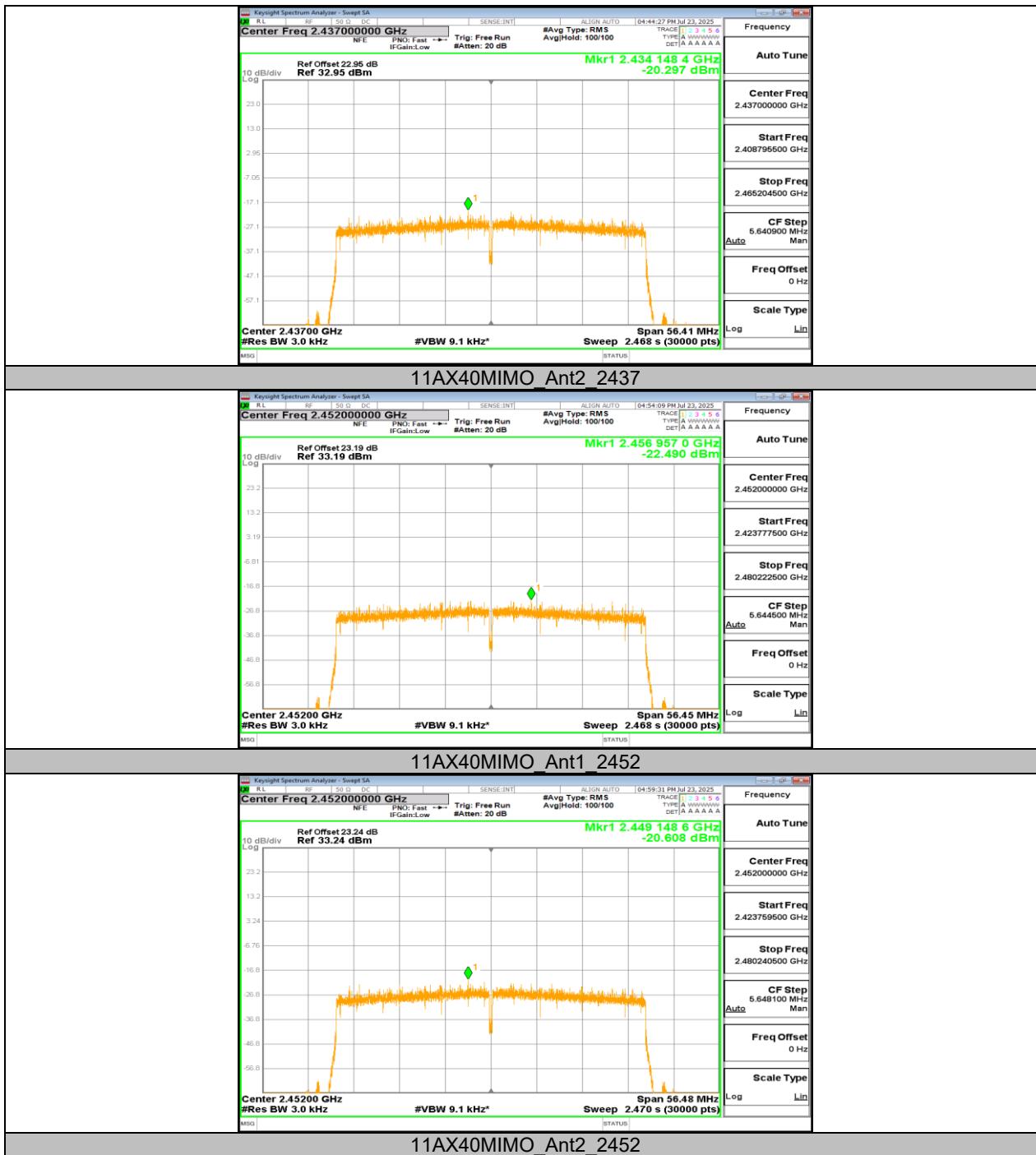












11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.14	-42.38	≤-23.86	PASS
	Ant2	Low	2412	5.79	-43.8	≤-24.21	PASS
	Ant1	High	2462	5.76	-48.42	≤-24.24	PASS
	Ant2	High	2462	7.19	-47.62	≤-22.81	PASS
11G	Ant1	Low	2412	4.05	-38.48	≤-25.95	PASS
	Ant2	Low	2412	4.04	-38.96	≤-25.96	PASS
	Ant1	High	2462	3.09	-46.3	≤-26.91	PASS
	Ant2	High	2462	3.95	-45.97	≤-26.05	PASS
11N20MIMO	Ant1	Low	2412	4.34	-41.26	≤-25.66	PASS
	Ant2	Low	2412	4.70	-35.4	≤-25.3	PASS
	Ant1	High	2462	3.83	-46.74	≤-26.17	PASS
	Ant2	High	2462	4.42	-44.86	≤-25.58	PASS
11N40MIMO	Ant1	Low	2422	-0.47	-39.73	≤-30.47	PASS
	Ant2	Low	2422	0.60	-39.5	≤-29.4	PASS
	Ant1	High	2452	1.17	-44.77	≤-28.83	PASS
	Ant2	High	2452	2.09	-45.21	≤-27.91	PASS
11AX20MIMO	Ant1	Low	2412	1.44	-43.07	≤-28.56	PASS
	Ant2	Low	2412	2.06	-42.92	≤-27.94	PASS
	Ant1	High	2462	1.06	-45.01	≤-28.94	PASS
	Ant2	High	2462	2.24	-46.03	≤-27.76	PASS
11AX40MIMO	Ant1	Low	2422	-1.77	-43.53	≤-31.77	PASS
	Ant2	Low	2422	-1.14	-42.73	≤-31.14	PASS
	Ant1	High	2452	-1.32	-45.35	≤-31.32	PASS
	Ant2	High	2452	-0.16	-45.18	≤-30.16	PASS

11.5.2. Test Graphs

