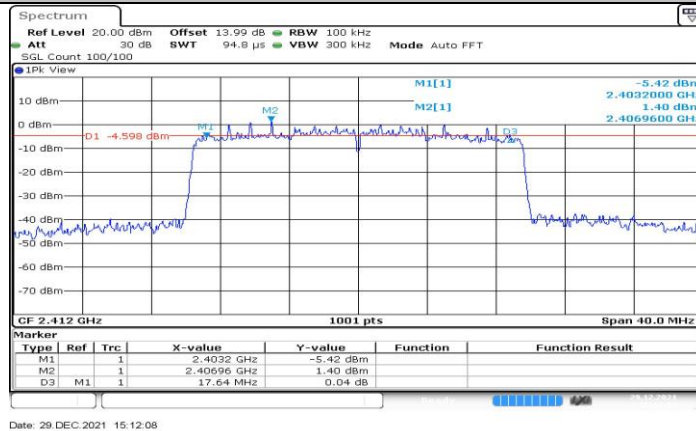
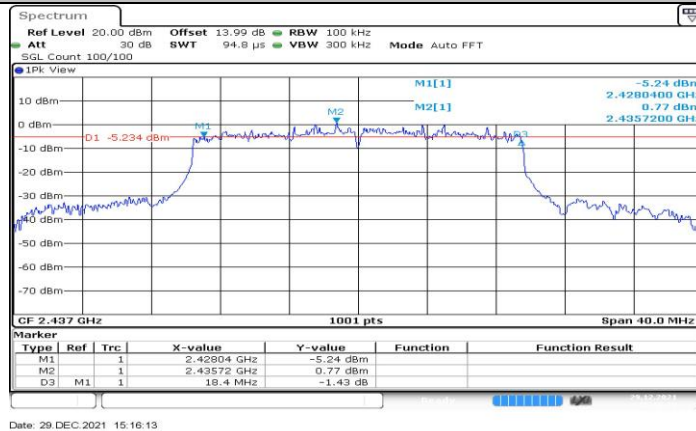


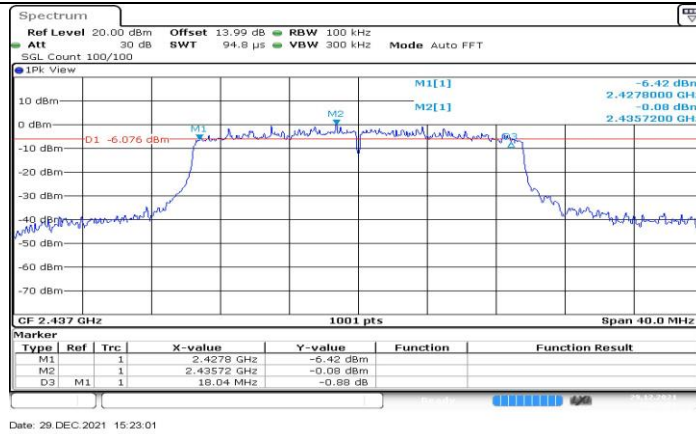
11AX20MIMO_Ant1_2412



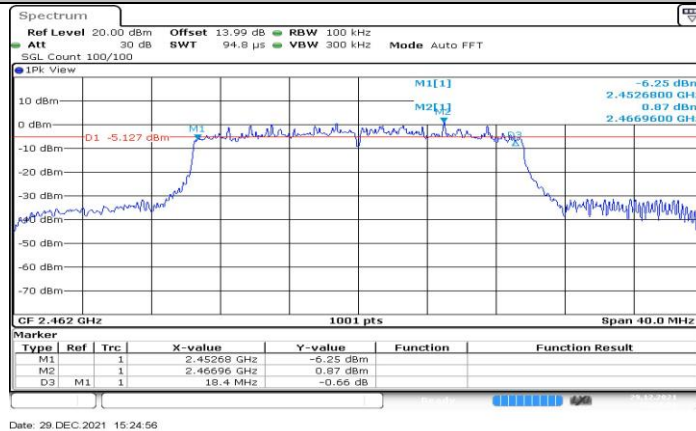
11AX20MIMO_Ant2_2412



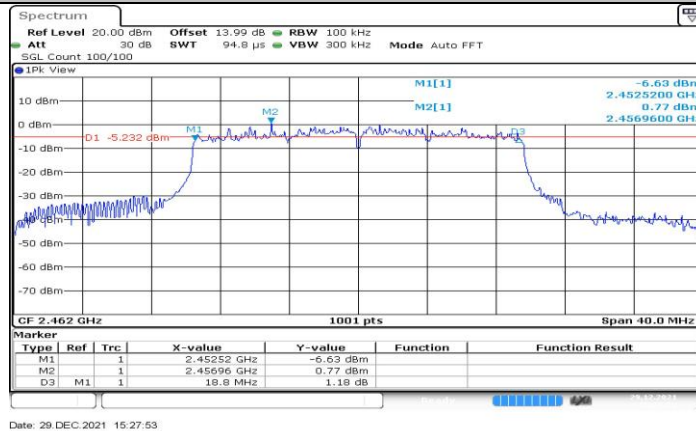
11AX20MIMO_Ant1_2437



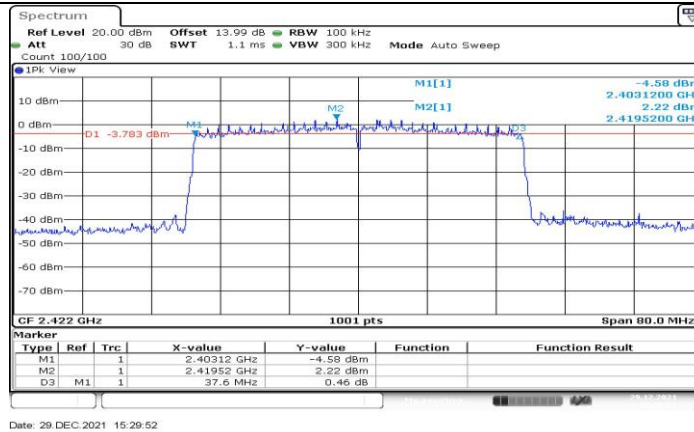
11AX20MIMO_Ant2_2437



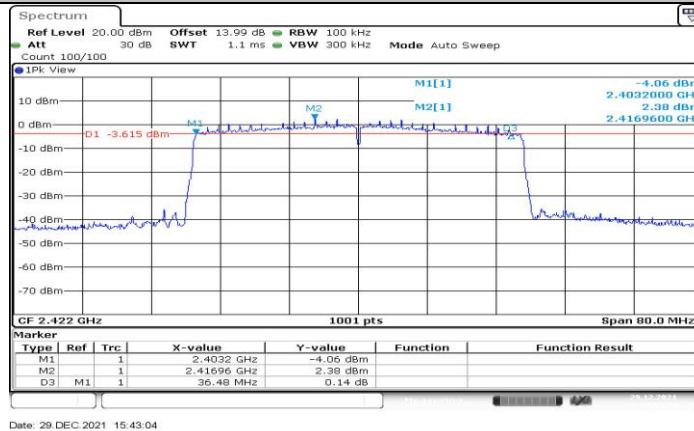
11AX20MIMO_Ant1_2462



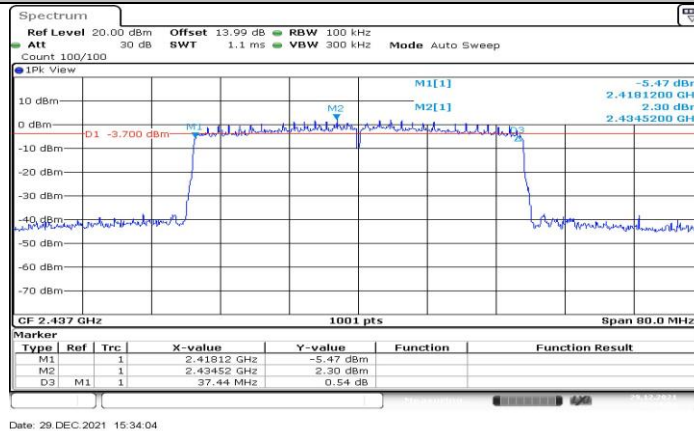
11AX20MIMO_Ant2_2462



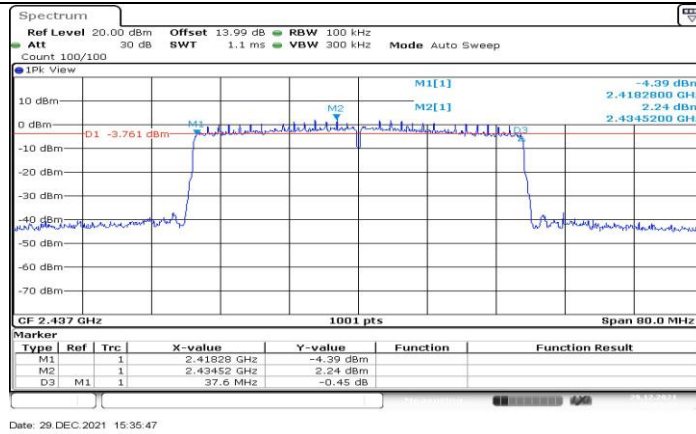
11AX40MIMO_Ant1_2422



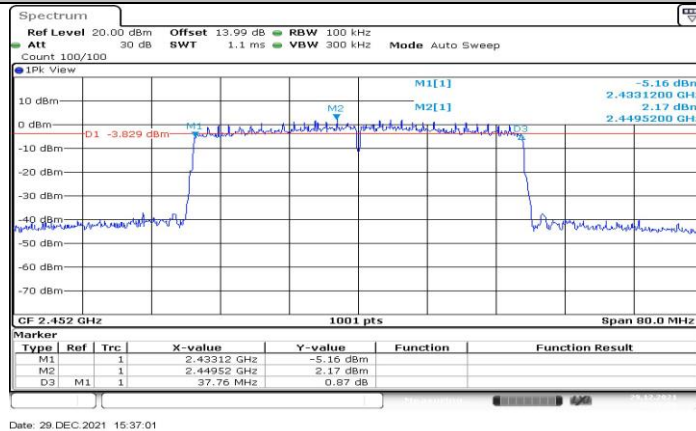
11AX40MIMO_Ant2_2422



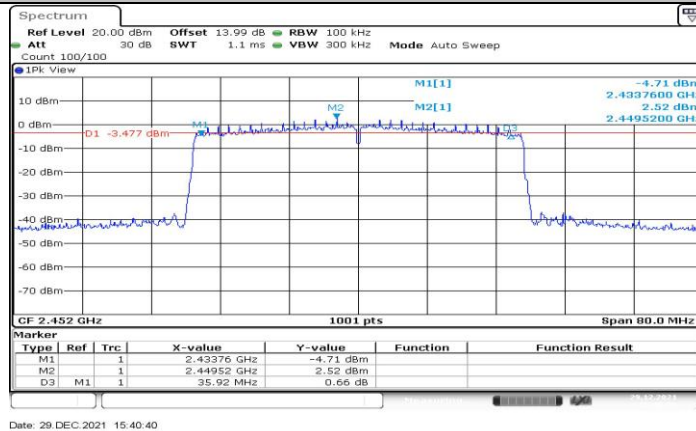
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452

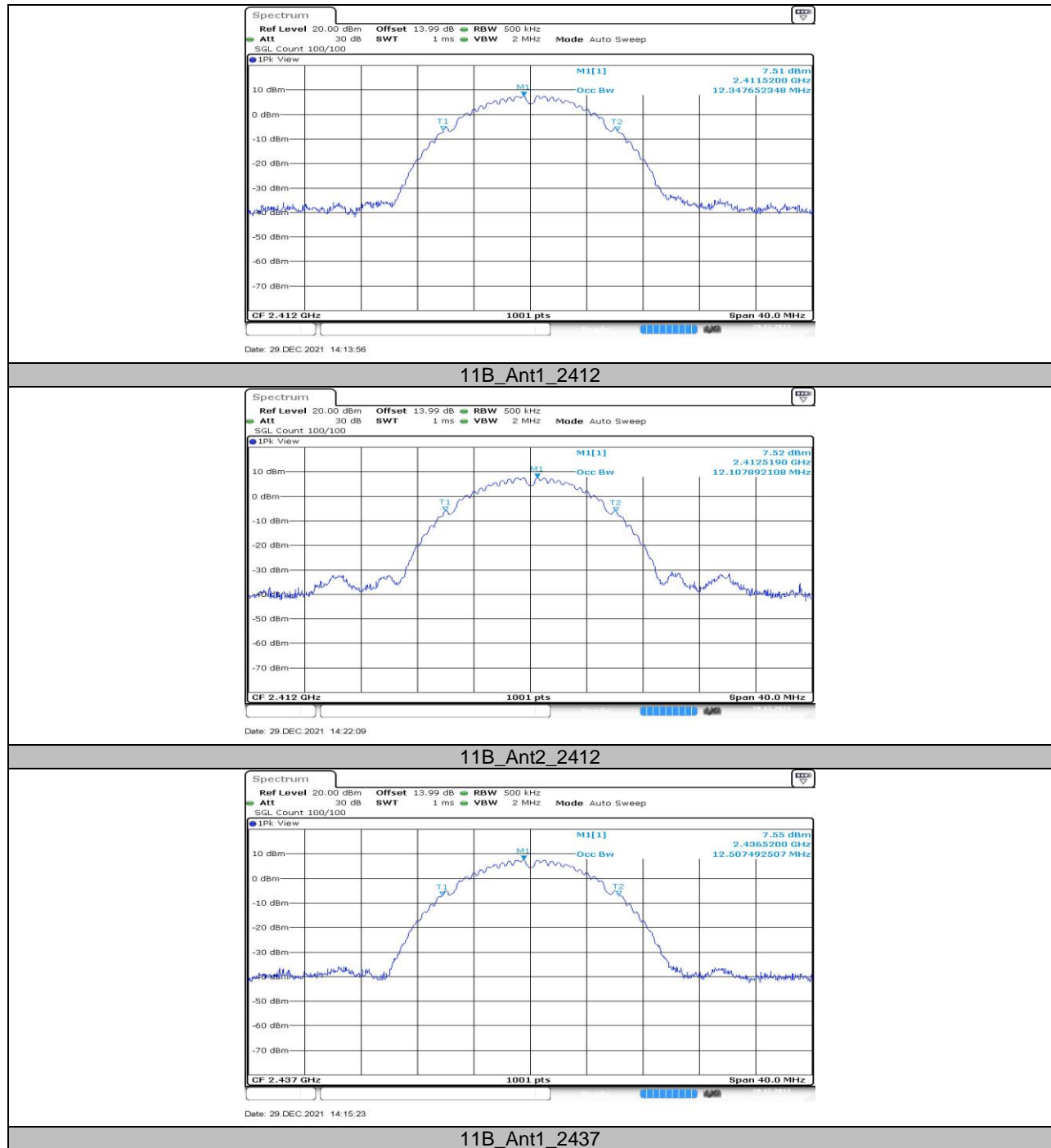


11AX40MIMO_Ant2_2452

**11.2. Appendix B: Occupied Channel Bandwidth****11.2.1. Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant1	2412	12.348	2405.846	2418.194	PASS
	Ant2	2412	12.108	2405.966	2418.074	PASS
	Ant1	2437	12.507	2430.766	2443.274	PASS
	Ant2	2437	12.308	2430.886	2443.194	PASS
	Ant1	2462	12.468	2455.766	2468.234	PASS
	Ant2	2462	12.308	2455.846	2468.154	PASS
11G	Ant1	2412	16.903	2403.568	2420.472	PASS
	Ant2	2412	16.943	2403.528	2420.472	PASS
	Ant1	2437	18.062	2427.889	2445.951	PASS
	Ant2	2437	18.182	2428.009	2446.191	PASS
	Ant1	2462	18.022	2452.969	2470.991	PASS
	Ant2	2462	17.942	2452.889	2470.831	PASS
11N20MIMO	Ant1	2412	17.782	2403.129	2420.911	PASS
	Ant2	2412	17.702	2403.169	2420.871	PASS
	Ant1	2437	18.981	2427.490	2446.471	PASS
	Ant2	2437	18.501	2427.729	2446.231	PASS
	Ant1	2462	18.901	2452.529	2471.431	PASS
	Ant2	2462	18.462	2452.769	2471.231	PASS
11N40MIMO	Ant1	2422	36.204	2403.938	2440.142	PASS
	Ant2	2422	36.124	2403.938	2440.062	PASS
	Ant1	2437	36.204	2418.938	2455.142	PASS
	Ant2	2437	36.124	2419.018	2455.142	PASS
	Ant1	2452	36.044	2434.018	2470.062	PASS
	Ant2	2452	36.204	2434.018	2470.222	PASS
11AX20MIMO	Ant1	2412	18.901	2402.569	2421.471	PASS
	Ant2	2412	18.901	2402.569	2421.471	PASS
	Ant1	2437	19.061	2427.490	2446.550	PASS
	Ant2	2437	18.981	2427.529	2446.510	PASS
	Ant1	2462	19.141	2452.450	2471.590	PASS
	Ant2	2462	19.061	2452.490	2471.550	PASS
11AX40MIMO	Ant1	2422	37.722	2403.219	2440.941	PASS
	Ant2	2422	37.642	2403.219	2440.861	PASS
	Ant1	2437	37.642	2418.219	2455.861	PASS
	Ant2	2437	37.802	2418.059	2455.861	PASS
	Ant1	2452	37.802	2433.139	2470.941	PASS
	Ant2	2452	37.642	2433.299	2470.941	PASS

11.2.2. Test Graphs





11B_Ant2_2437



11B_Ant1_2462



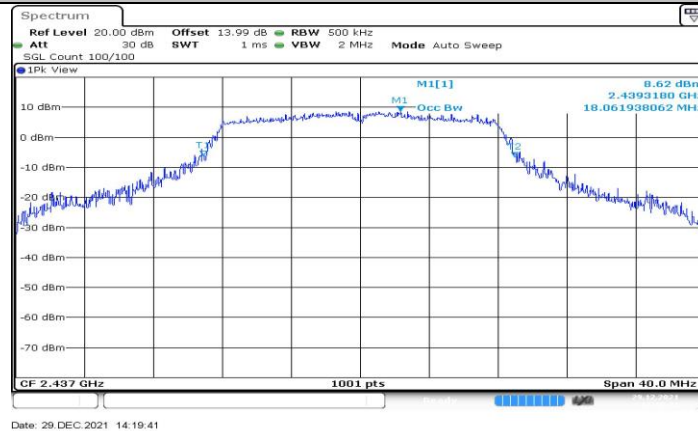
11B_Ant2_2462



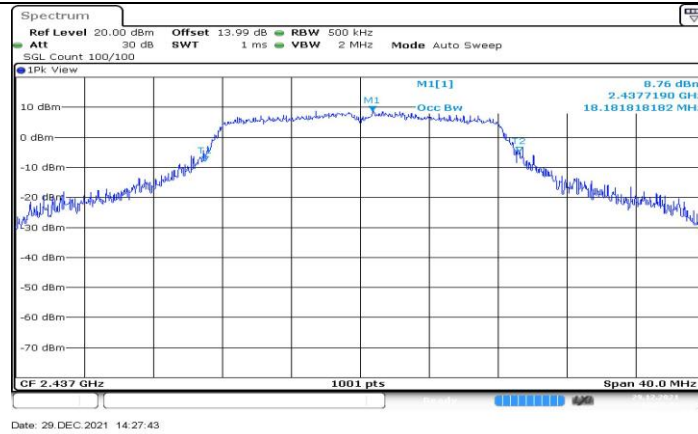
11G_Ant1_2412



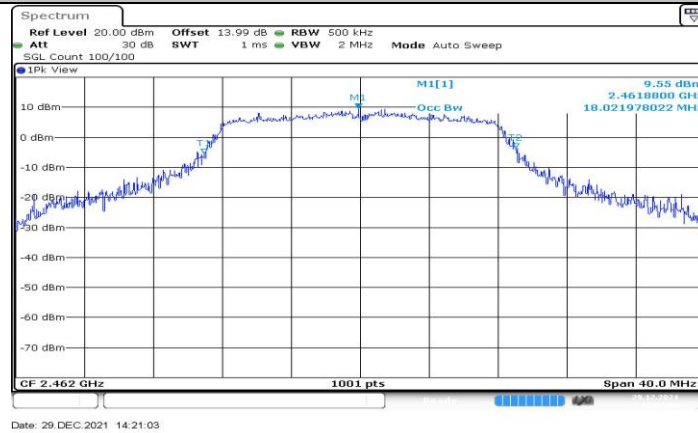
11G_Ant2_2412



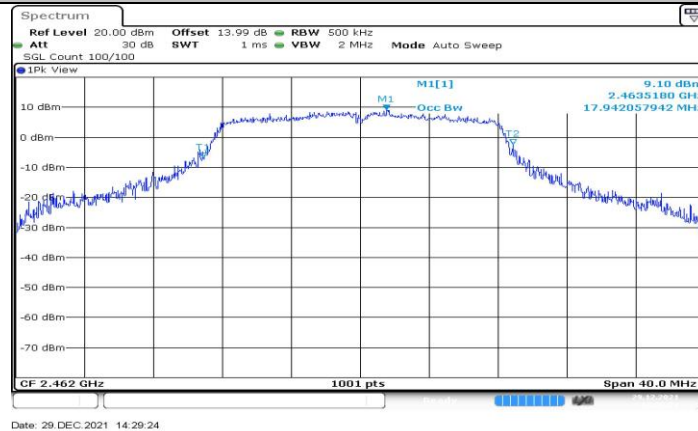
11G_Ant1_2437



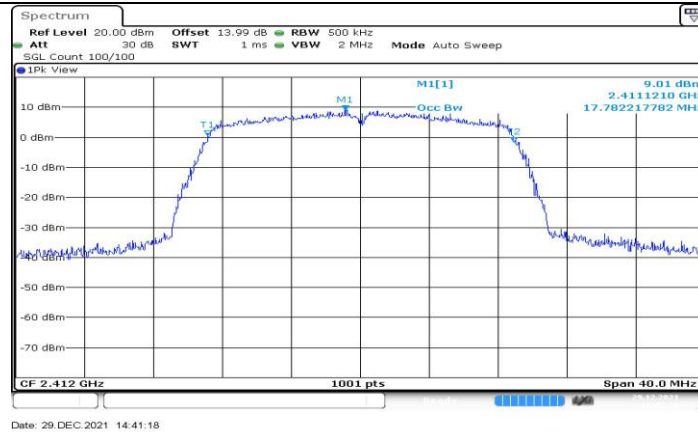
11G_Ant2_2437



11G_Ant1_2462



11G_Ant2_2462



11N20MIMO_Ant1_2412



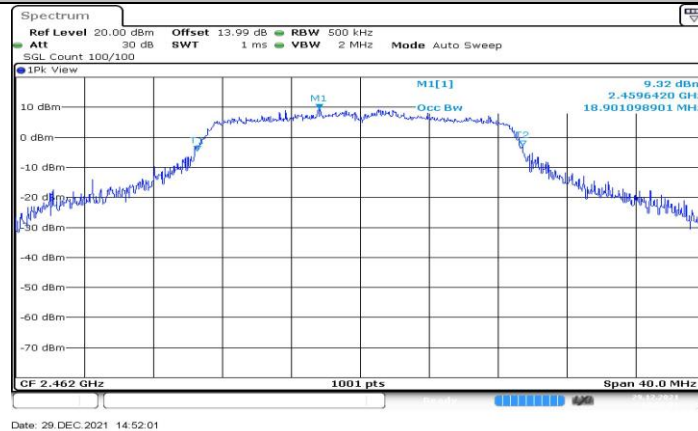
11N20MIMO_Ant2_2412



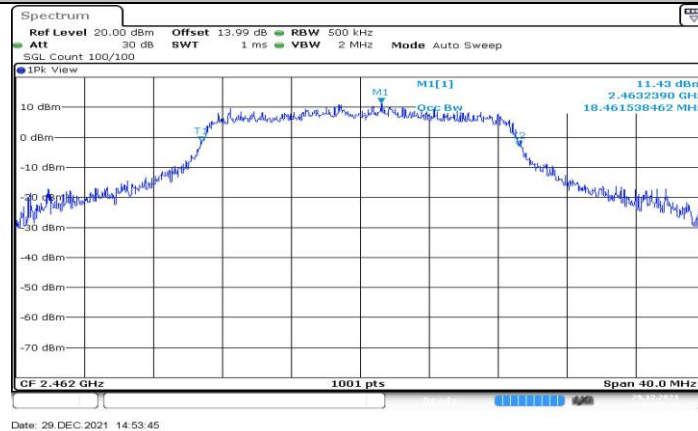
11N20MIMO_Ant1_2437



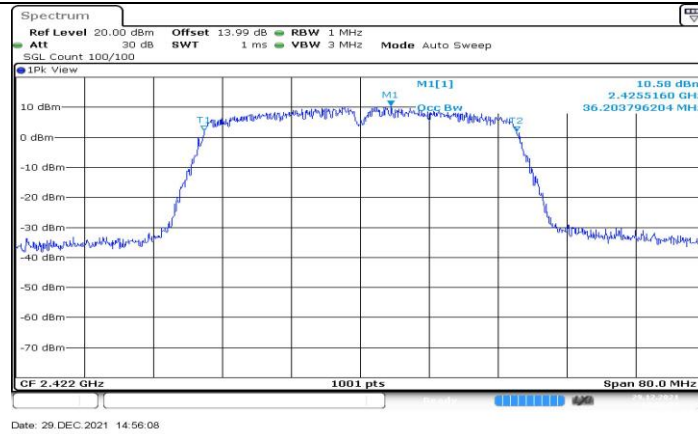
11N20MIMO_Ant2_2437



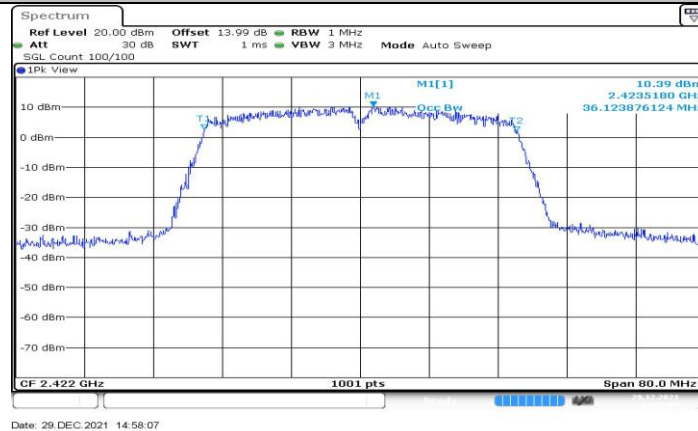
11N20MIMO_Ant1_2462



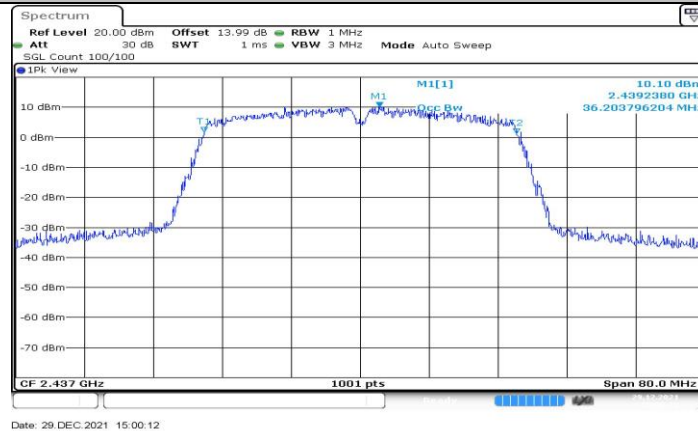
11N20MIMO_Ant2_2462



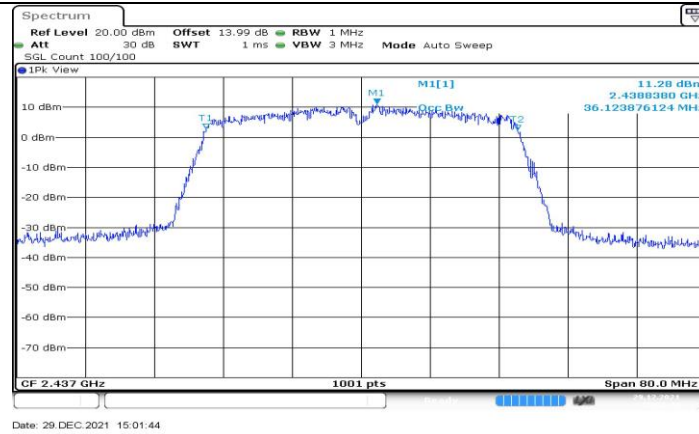
11N40MIMO_Ant1_2422



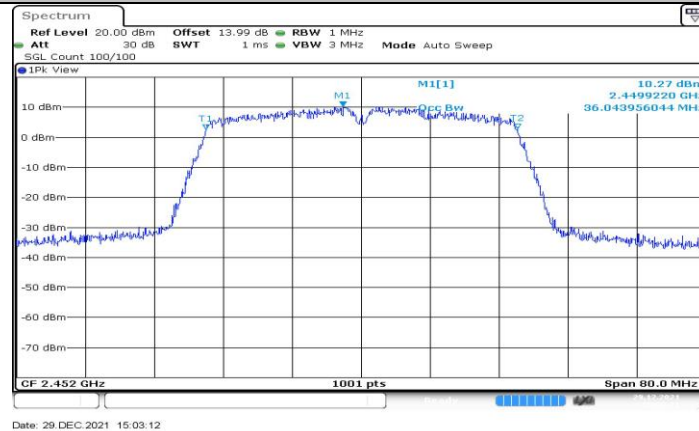
11N40MIMO_Ant2_2422



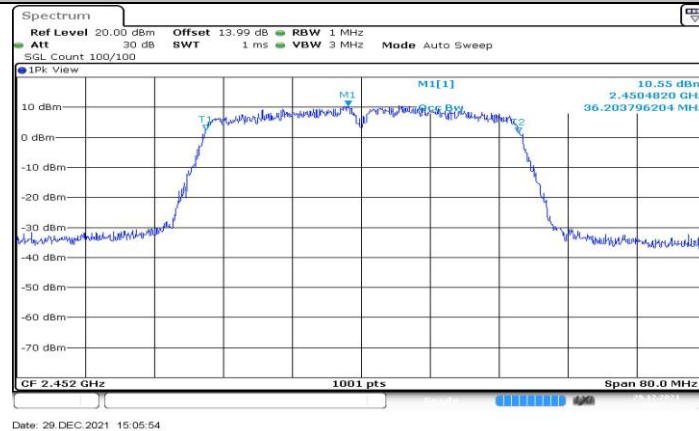
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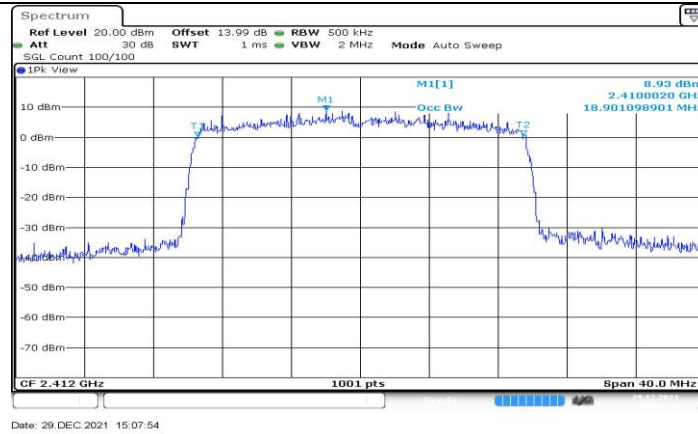
11N40MIMO_Ant2_2437



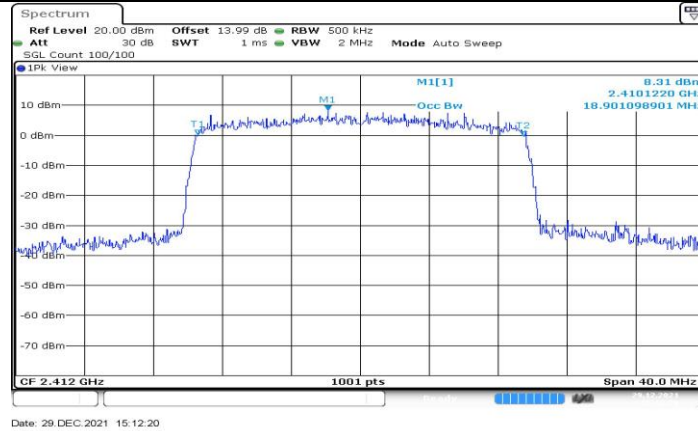
11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



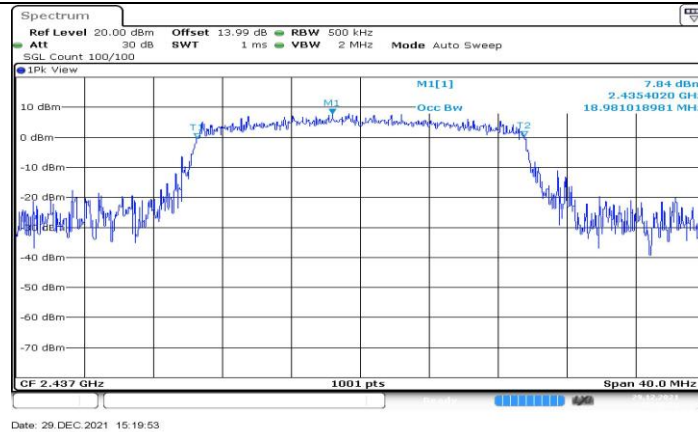
11AX20MIMO_Ant1_2412



11AX20MIMO_Ant2_2412



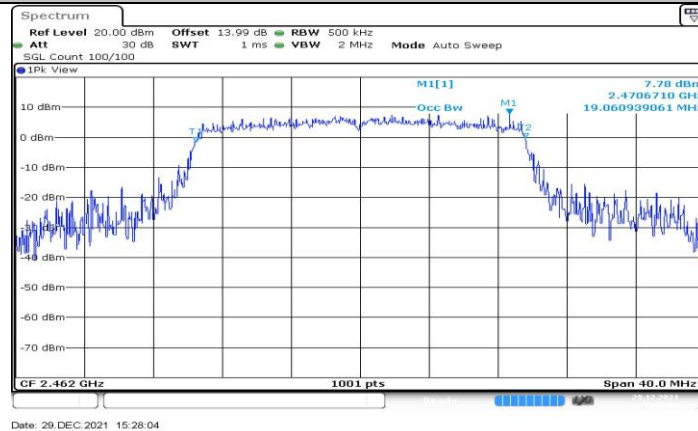
11AX20MIMO_Ant1_2437



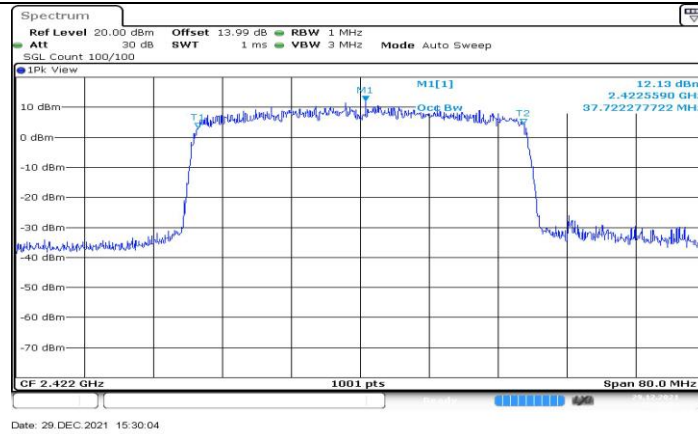
11AX20MIMO_Ant2_2437



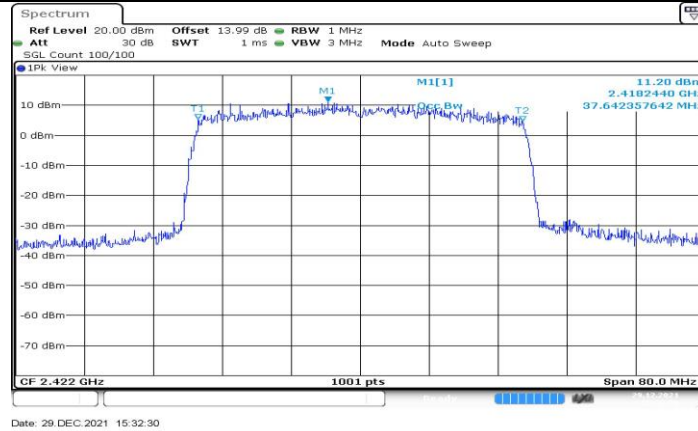
11AX20MIMO_Ant1_2462



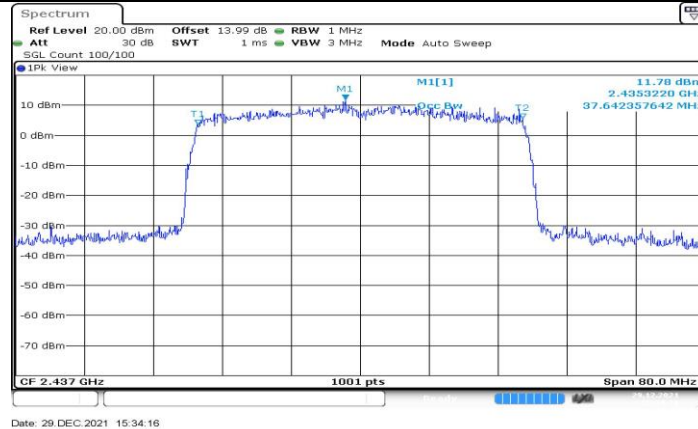
11AX20MIMO_Ant2_2462



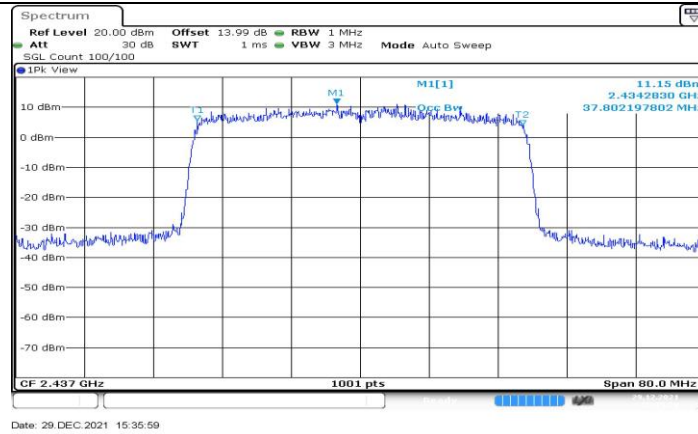
11AX40MIMO_Ant1_2422



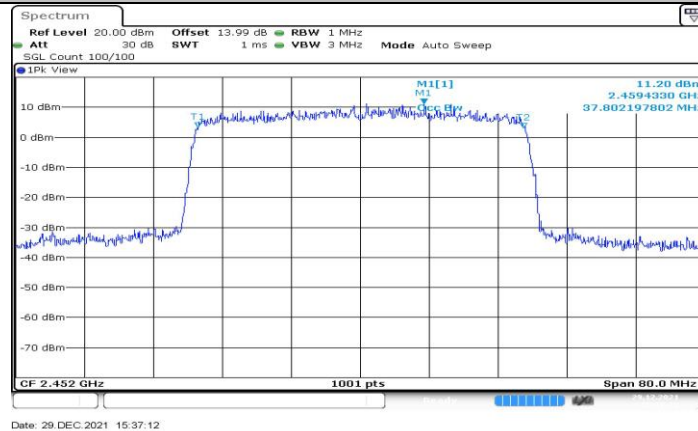
11AX40MIMO_Ant2_2422



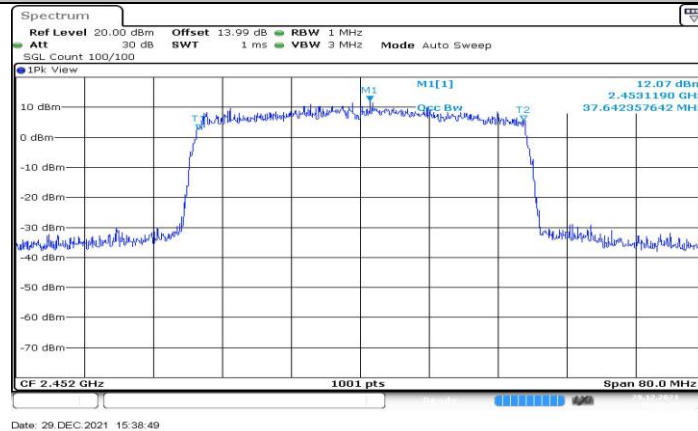
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

11.3. Appendix C: Maximum Average Conducted Output Power

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.60	≤30	PASS
	Ant2	2412	14.62	≤30	PASS
	Ant1	2437	14.71	≤30	PASS
	Ant2	2437	14.68	≤30	PASS
	Ant1	2462	14.76	≤30	PASS
	Ant2	2462	14.71	≤30	PASS
11G	Ant1	2412	14.70	≤30	PASS
	Ant2	2412	14.67	≤30	PASS
	Ant1	2437	14.72	≤30	PASS
	Ant2	2437	14.78	≤30	PASS
	Ant1	2462	14.85	≤30	PASS
	Ant2	2462	14.86	≤30	PASS
11N20MIMO	Ant1	2412	14.51	≤30	PASS
	Ant2	2412	14.41	≤30	PASS
	total	2412	17.50	≤30	PASS
	Ant1	2437	14.96	≤30	PASS
	Ant2	2437	14.89	≤30	PASS
	total	2437	17.90	≤30	PASS
	Ant1	2462	15.05	≤30	PASS
	Ant2	2462	15.02	≤30	PASS
11N40MIMO	total	2462	18.00	≤30	PASS
	Ant1	2422	15.07	≤30	PASS
	Ant2	2422	14.93	≤30	PASS
	total	2422	18.00	≤30	PASS
	Ant1	2437	15.11	≤30	PASS
	Ant2	2437	14.97	≤30	PASS
	total	2437	18.10	≤30	PASS
	Ant1	2452	15.15	≤30	PASS
11AX20MIMO	Ant2	2452	15.02	≤30	PASS
	total	2452	18.10	≤30	PASS
	Ant1	2412	13.20	≤30	PASS
	Ant2	2412	12.88	≤30	PASS
	total	2412	16.10	≤30	PASS
	Ant1	2437	13.17	≤30	PASS
	Ant2	2437	12.76	≤30	PASS
	total	2437	16.00	≤30	PASS
11AX40MIMO	Ant1	2462	13.29	≤30	PASS
	Ant2	2462	13.21	≤30	PASS
	total	2462	16.30	≤30	PASS
	Ant1	2422	15.33	≤30	PASS
	Ant2	2422	15.23	≤30	PASS
	total	2422	18.30	≤30	PASS
	Ant1	2437	15.32	≤30	PASS
	Ant2	2437	15.18	≤30	PASS
11AX40MIMO	total	2437	18.30	≤30	PASS
	Ant1	2452	15.39	≤30	PASS
	Ant2	2452	15.12	≤30	PASS
	total	2452	18.30	≤30	PASS

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

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.



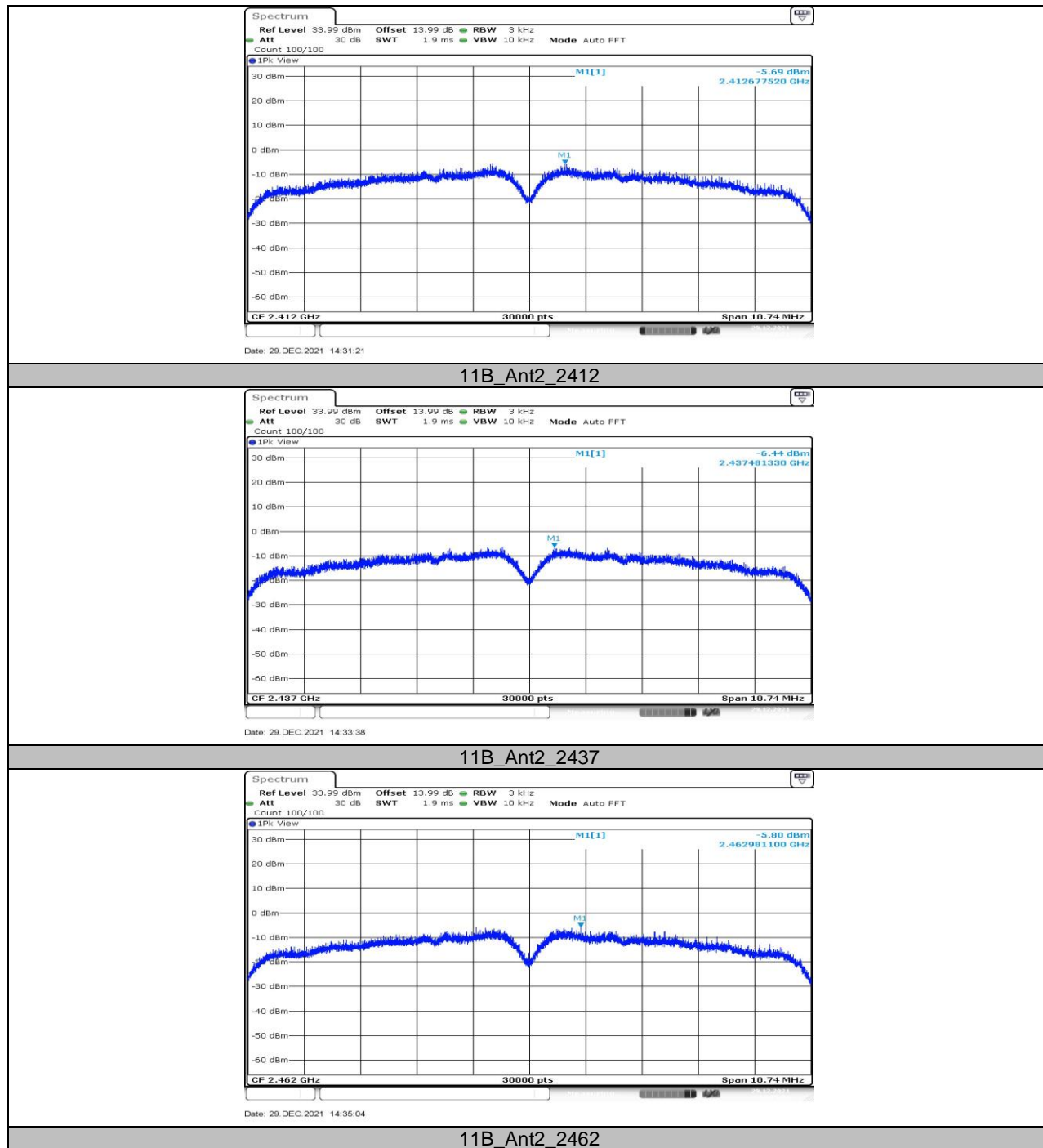
11.4. Appendix D: Maximum Power Spectral Density

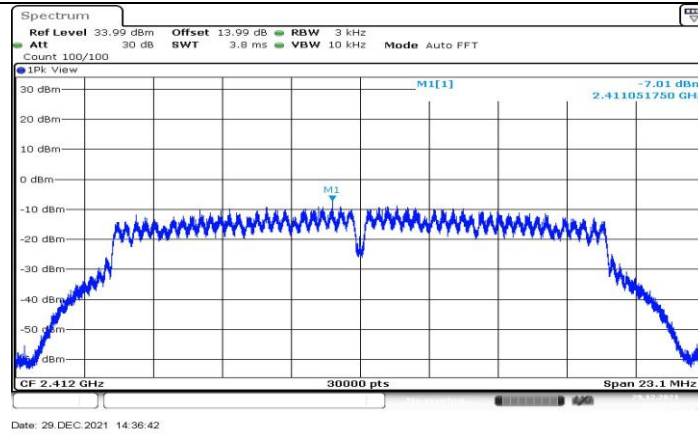
11.4.1. Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-5.69	≤8	PASS
		2437	-6.44	≤8	PASS
		2462	-5.8	≤8	PASS
11G	Ant2	2412	-7.01	≤8	PASS
		2437	-8.67	≤8	PASS
		2462	-8.37	≤8	PASS
11N20MIMO	Ant1	2412	-8.98	≤8	PASS
	Ant2	2412	-8.71	≤8	PASS
	total	2412	-5.83	≤8	PASS
	Ant1	2437	-8.48	≤8	PASS
	Ant2	2437	-8.22	≤8	PASS
	total	2437	-5.34	≤8	PASS
	Ant1	2462	-8.51	≤8	PASS
	Ant2	2462	-8.02	≤8	PASS
	total	2462	-5.25	≤8	PASS
11N40MIMO	Ant1	2422	-10.76	≤8	PASS
	Ant2	2422	-11.92	≤8	PASS
	total	2422	-8.29	≤8	PASS
	Ant1	2437	-11.35	≤8	PASS
	Ant2	2437	-11.46	≤8	PASS
	total	2437	-8.39	≤8	PASS
	Ant1	2452	-11.46	≤8	PASS
	Ant2	2452	-11.93	≤8	PASS
	total	2452	-8.68	≤8	PASS
11AX20MIMO	Ant1	2412	-12.71	≤8	PASS
	Ant2	2412	-12.88	≤8	PASS
	total	2412	-9.78	≤8	PASS
	Ant1	2437	-12.6	≤8	PASS
	Ant2	2437	-13.43	≤8	PASS
	total	2437	-9.98	≤8	PASS
	Ant1	2462	-11.5	≤8	PASS
	Ant2	2462	-12.33	≤8	PASS
11AX40MIMO	total	2462	-8.88	≤8	PASS
	Ant1	2422	-14.32	≤8	PASS
	Ant2	2422	-13.32	≤8	PASS
	total	2422	-10.78	≤8	PASS
	Ant1	2437	-13.44	≤8	PASS
	Ant2	2437	-11.65	≤8	PASS
	total	2437	-9.44	≤8	PASS
	Ant1	2452	-13.63	≤8	PASS
	Ant2	2452	-13.36	≤8	PASS
	total	2452	-10.48	≤8	PASS

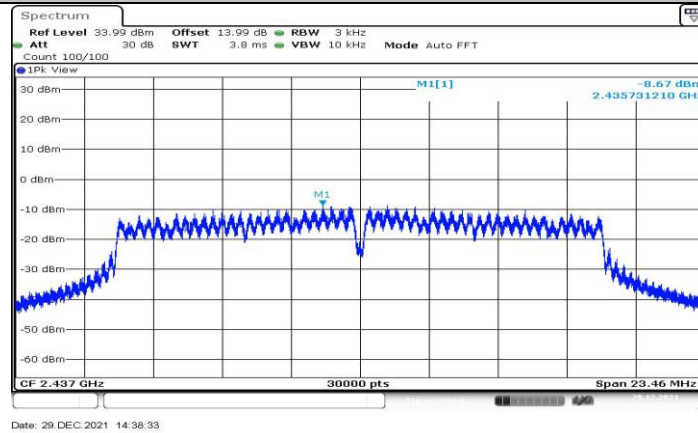
Note: For 802.11b and g modes, both the two antennas had been tested, but only the worst data was recorded in the report.

11.4.2. Test Graphs

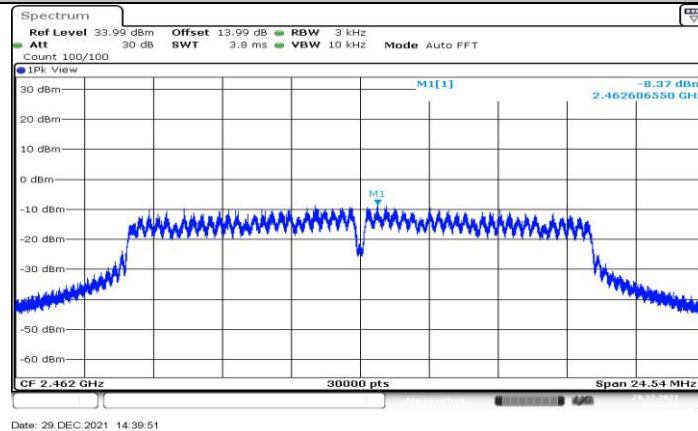




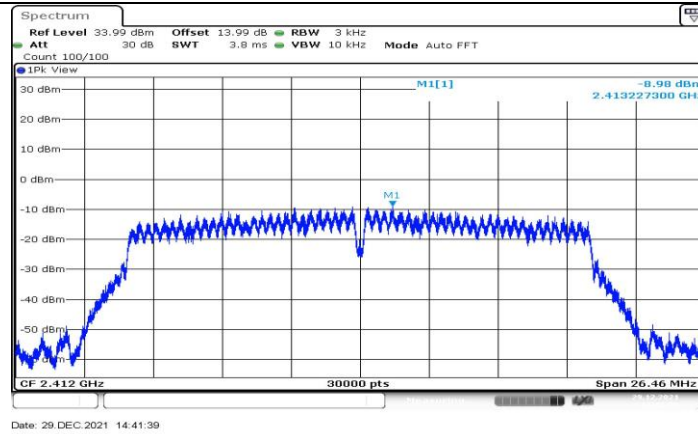
11G_Ant2_2412



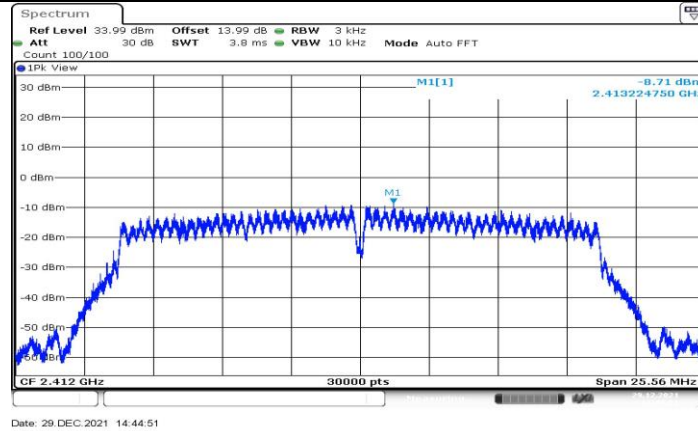
11G_Ant2_2437



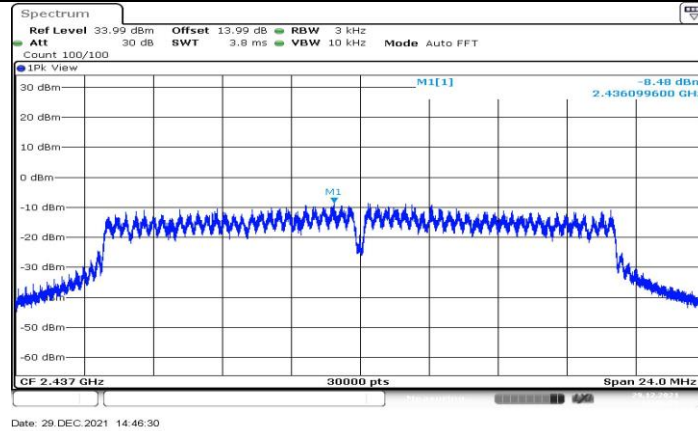
11G_Ant2_2462



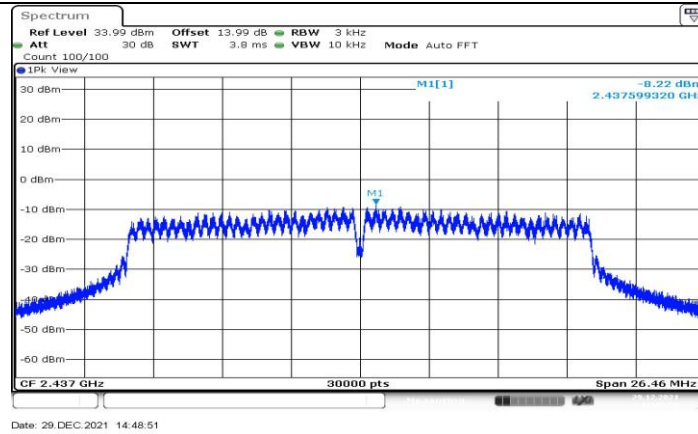
11N20MIMO_Ant1_2412



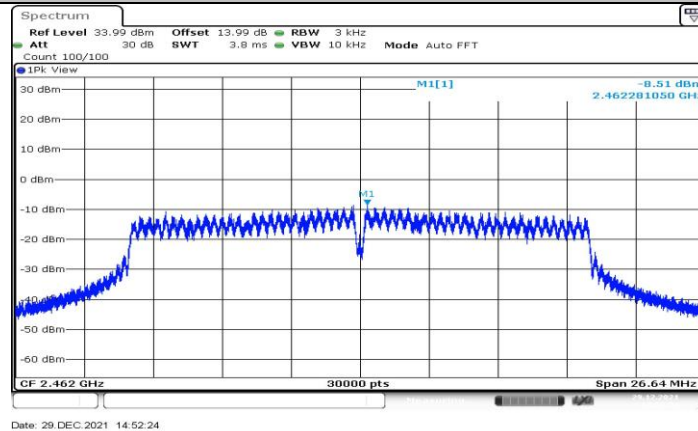
11N20MIMO_Ant2_2412



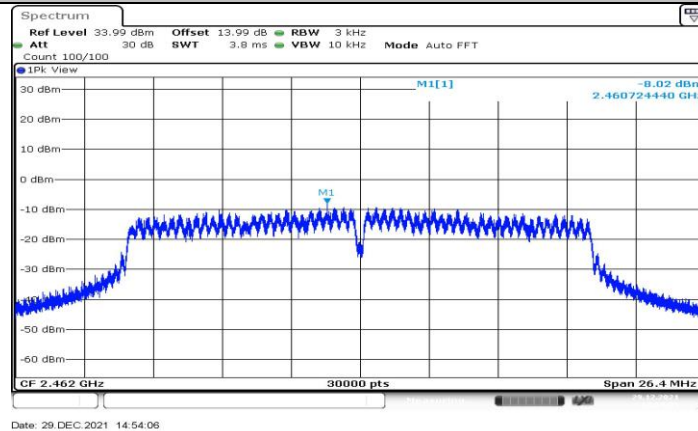
11N20MIMO_Ant1_2437



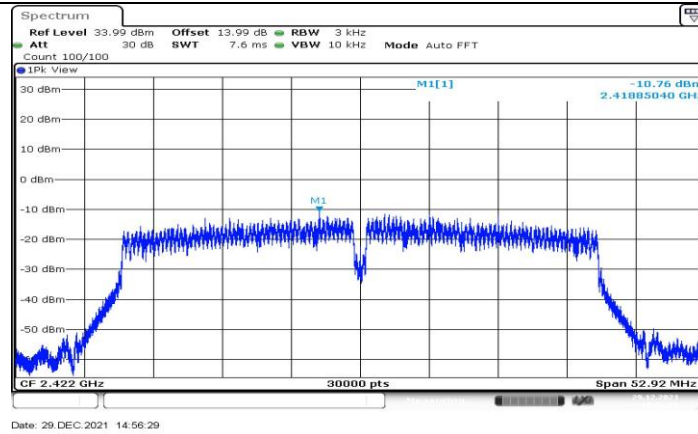
11N20MIMO_Ant2_2437



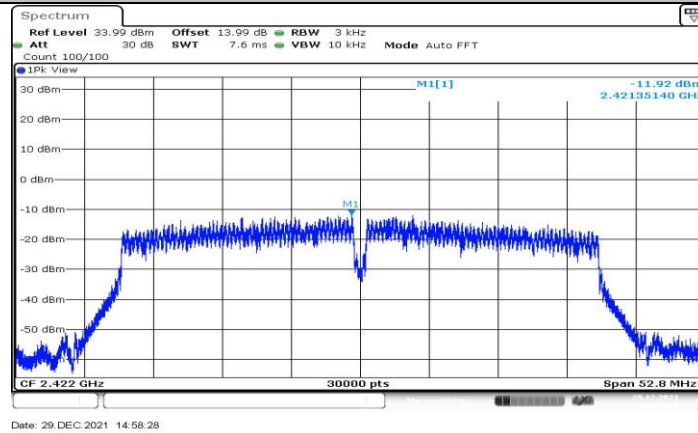
11N20MIMO_Ant1_2462



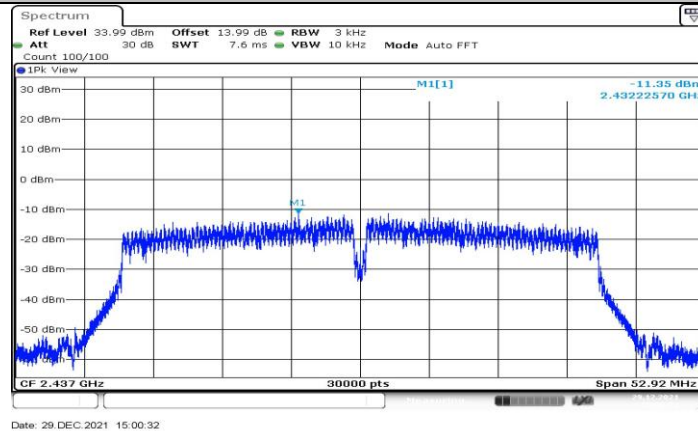
11N20MIMO_Ant2_2462



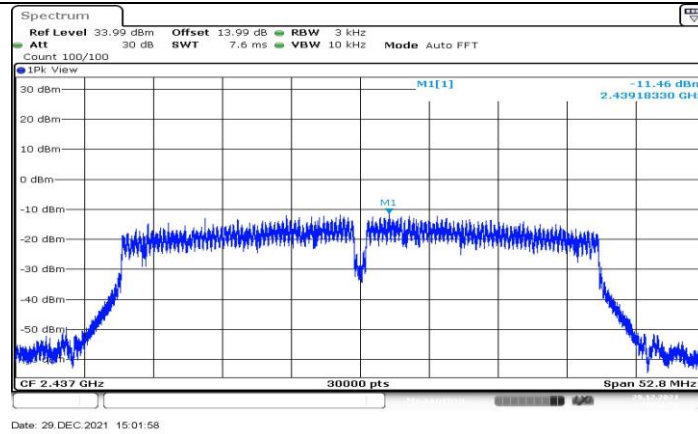
11N40MIMO_Ant1_2422



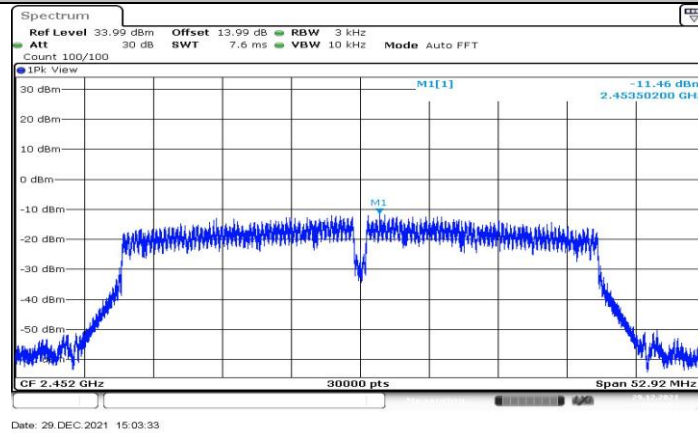
11N40MIMO_Ant2_2422



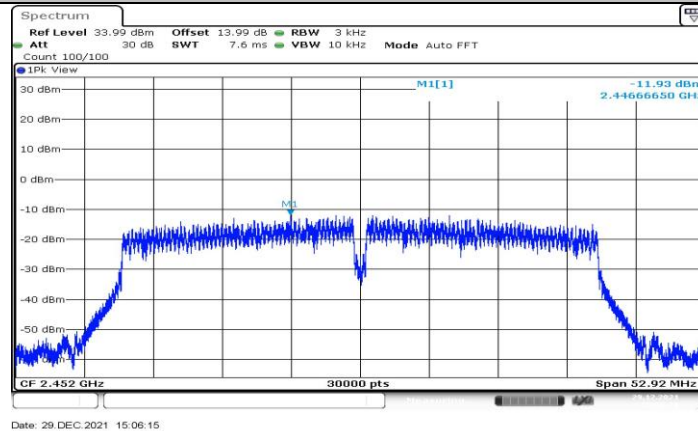
11N40MIMO_Ant1_2437



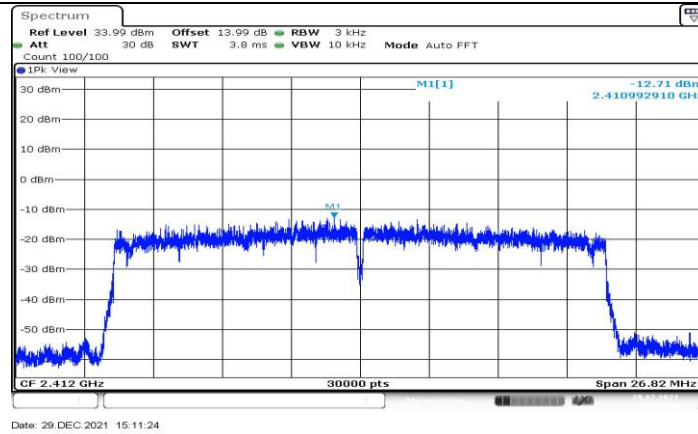
11N40MIMO_Ant2_2437



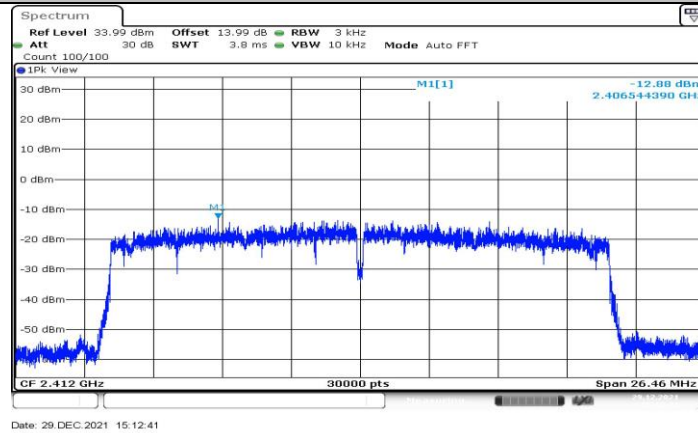
11N40MIMO_Ant1_2452



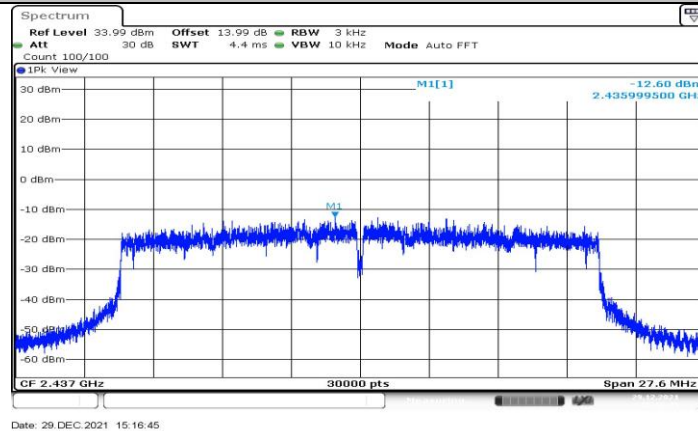
11N40MIMO_Ant2_2452



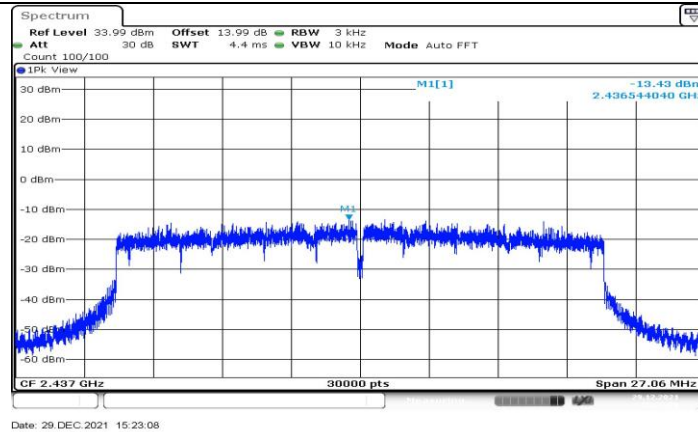
11AX20MIMO_Ant1_2412



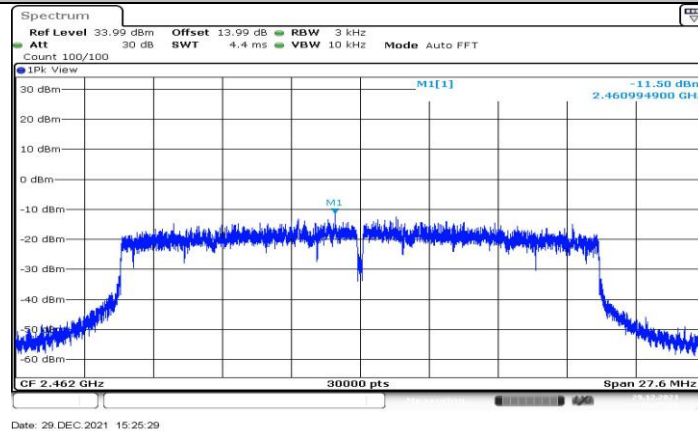
11AX20MIMO_Ant2_2412



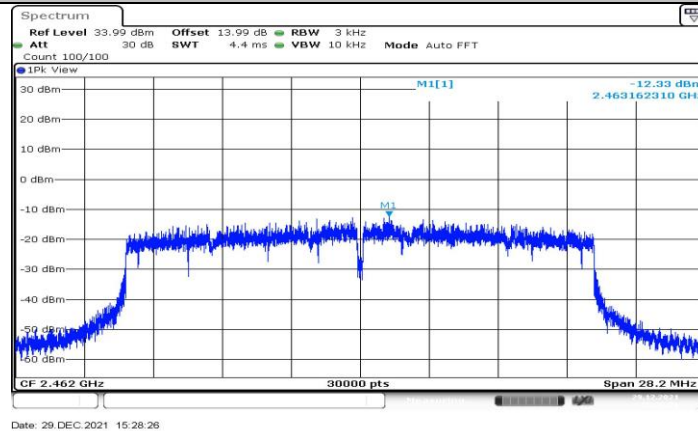
11AX20MIMO_Ant1_2437



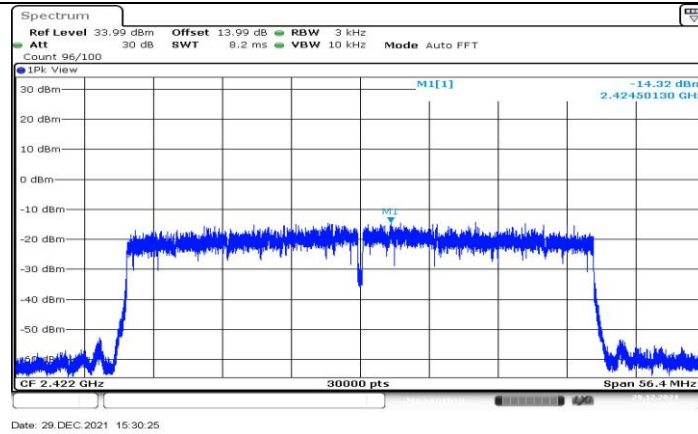
11AX20MIMO_Ant2_2437



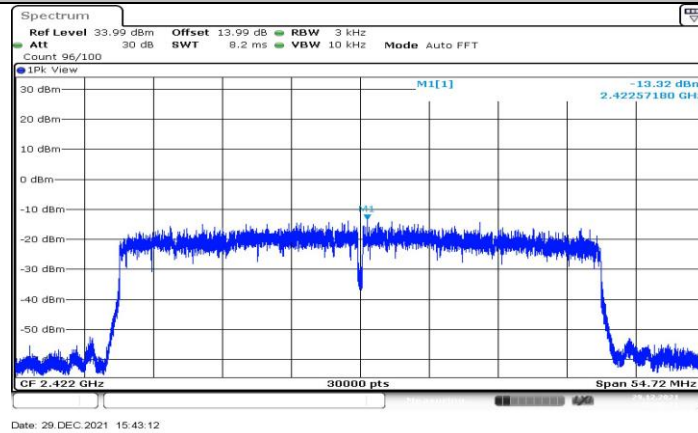
11AX20MIMO_Ant1_2462



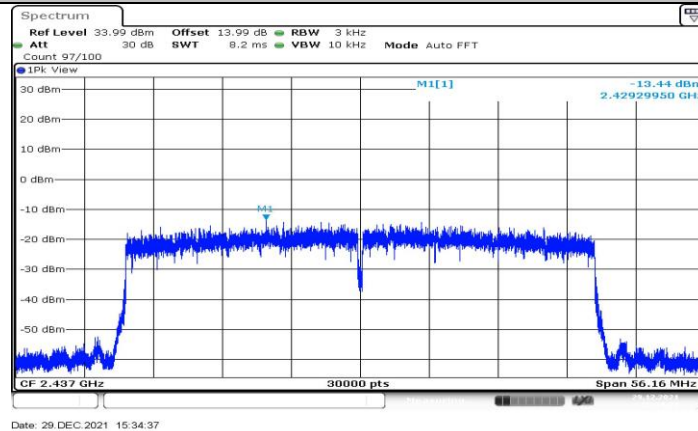
11AX20MIMO_Ant2_2462



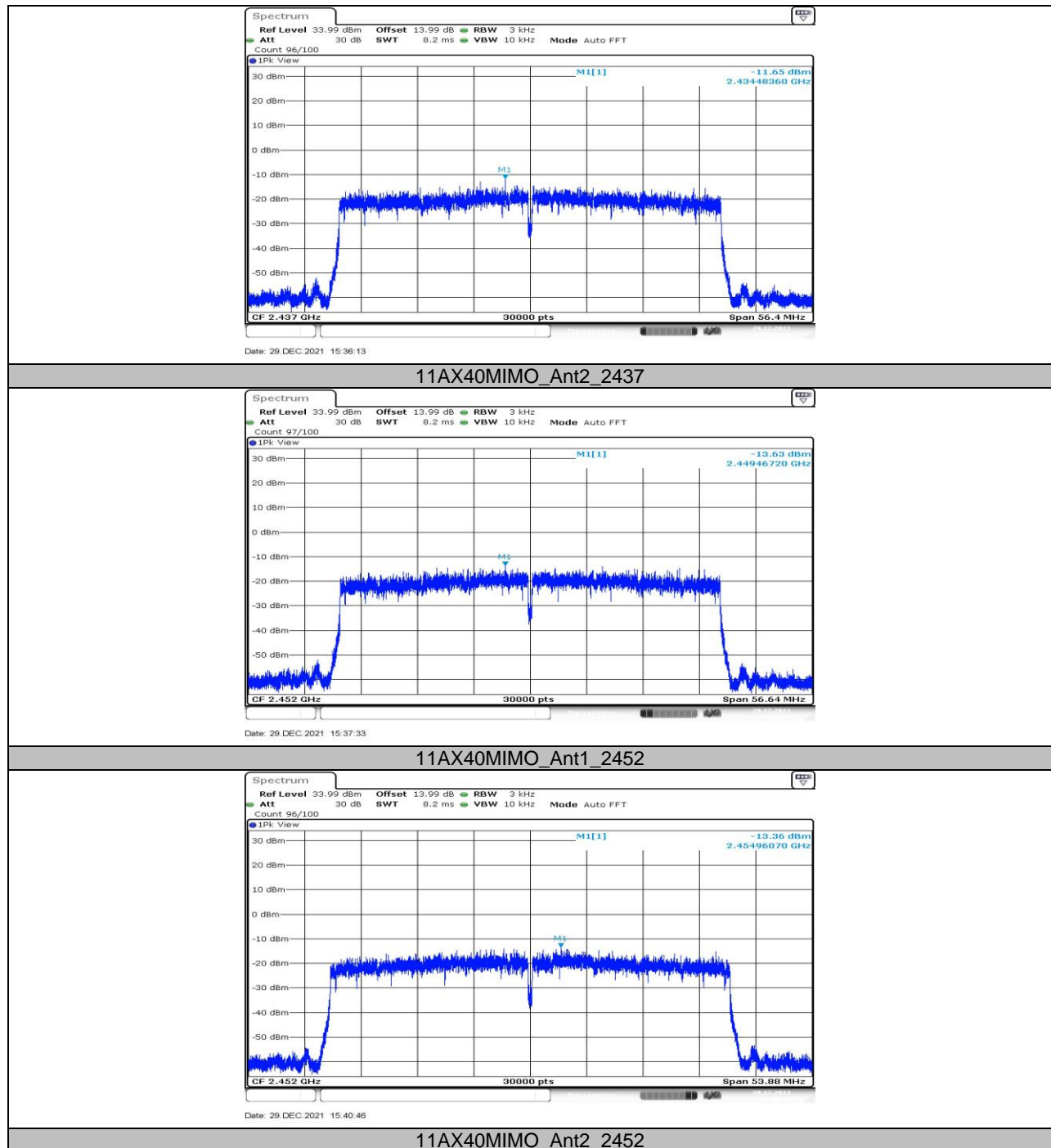
11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2437





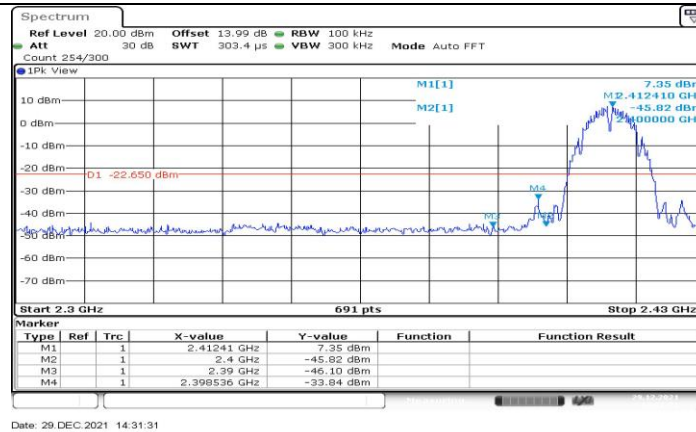
11.5. Appendix E: Band Edge Measurements

11.5.1. Test Result

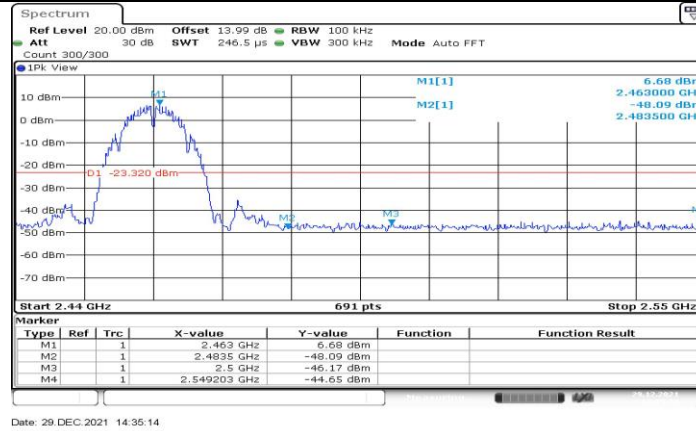
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	7.35	-33.84	≤-22.65	PASS
		High	2462	6.68	-44.65	≤-23.32	PASS
11G	Ant2	Low	2412	4.77	-40.01	≤-25.23	PASS
		High	2462	3.28	-44.08	≤-26.72	PASS
11N20MIMO	Ant1	Low	2412	2.92	-41	≤-27.08	PASS
	Ant2	Low	2412	4.58	-39.8	≤-25.42	PASS
	Ant1	High	2462	2.36	-43.83	≤-27.64	PASS
	Ant2	High	2462	2.41	-43.18	≤-27.59	PASS
11N40MIMO	Ant1	Low	2422	0.53	-38.22	≤-29.47	PASS
	Ant2	Low	2422	2.16	-38.51	≤-27.84	PASS
	Ant1	High	2452	2.65	-40.35	≤-27.35	PASS
	Ant2	High	2452	2.24	-43.18	≤-27.76	PASS
11AX20MIMO	Ant1	Low	2412	2.89	-41.63	≤-27.11	PASS
	Ant2	Low	2412	1.03	-37.06	≤-28.97	PASS
	Ant1	High	2462	2.71	-44.19	≤-27.29	PASS
	Ant2	High	2462	2.37	-44.85	≤-27.63	PASS
11AX40MIMO	Ant1	Low	2422	1.99	-42.83	≤-28.01	PASS
	Ant2	Low	2422	1.66	-37.04	≤-28.34	PASS
	Ant1	High	2452	2.03	-41.92	≤-27.97	PASS
	Ant2	High	2452	2.28	-42.64	≤-27.72	PASS

Note: For 802.11b and g modes, both the two antennas had been tested, but only the worst data was recorded in the report.

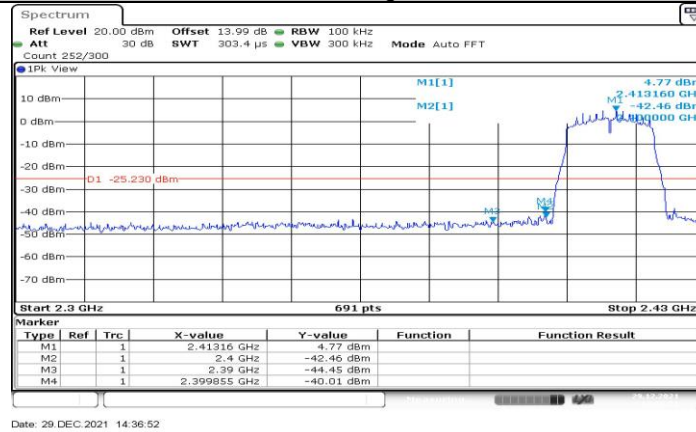
11.5.2. Test Graphs



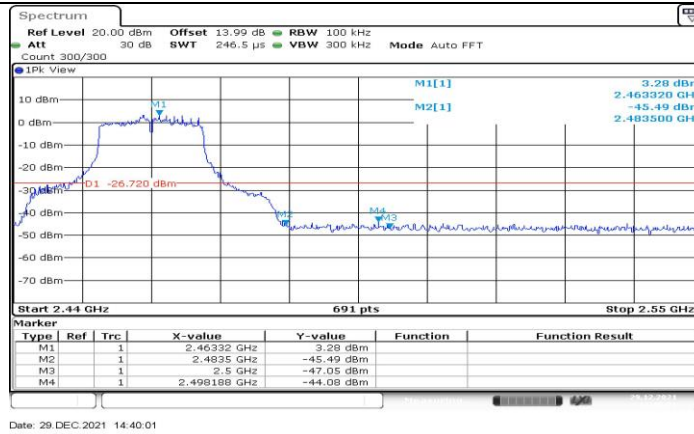
11B_Ant2_Low_2412



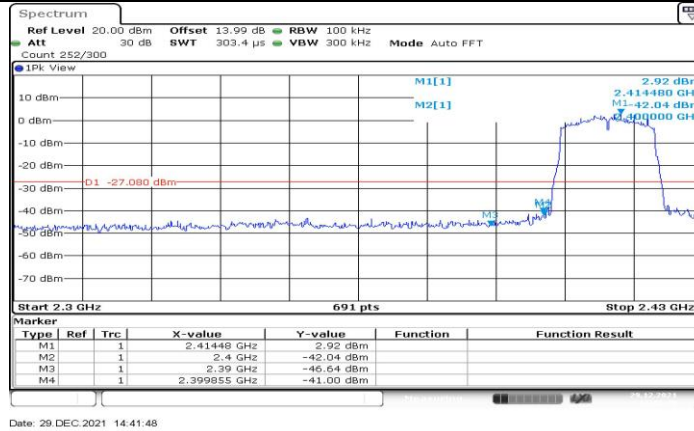
11B_Ant2_High_2462



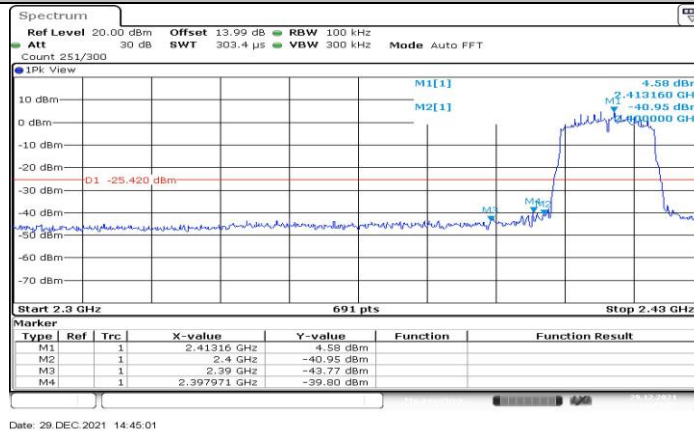
11G_Ant2_Low_2412



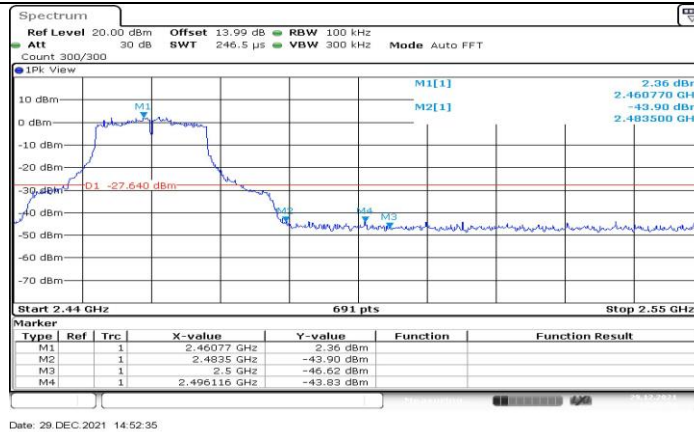
11G_Ant2_High_2462



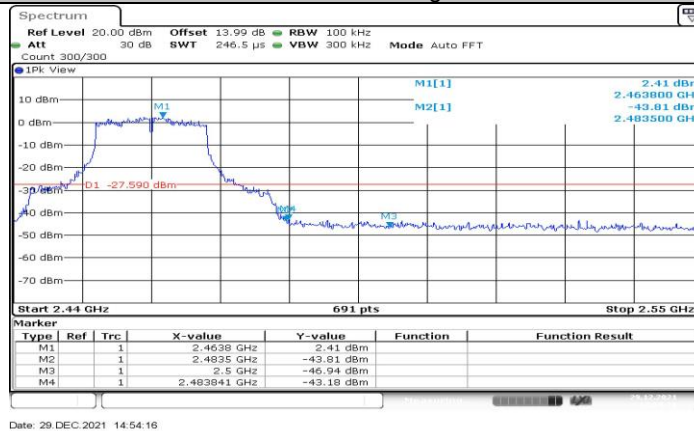
11N20MIMO_Ant1_Low_2412



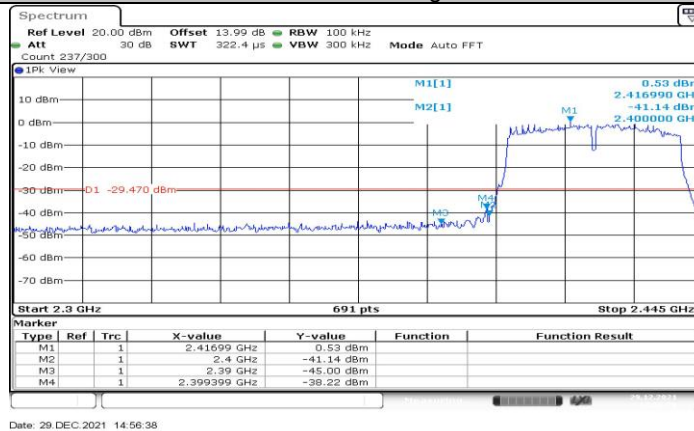
11N20MIMO_Ant2_Low_2412



11N20MIMO_Ant1_High_2462



11N20MIMO_Ant2_High_2462



11N40MIMO_Ant1_Low_2422