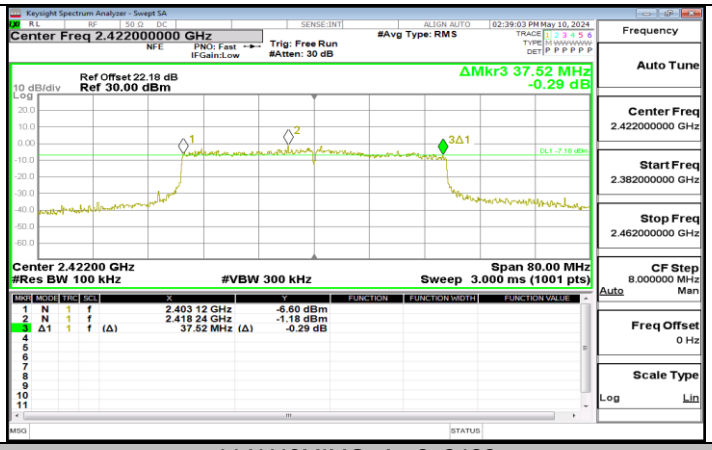
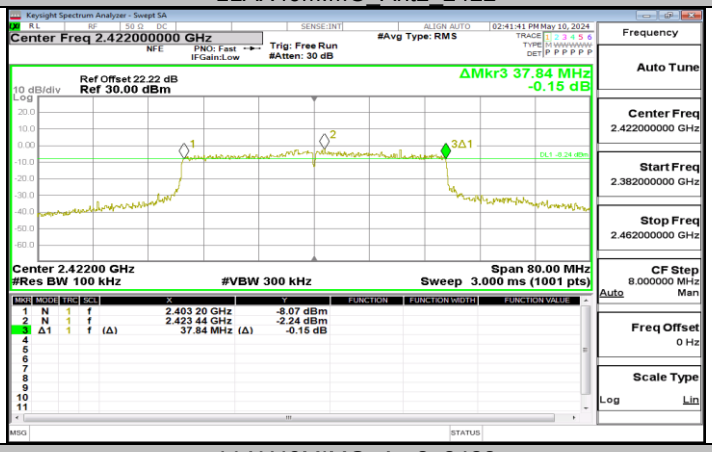
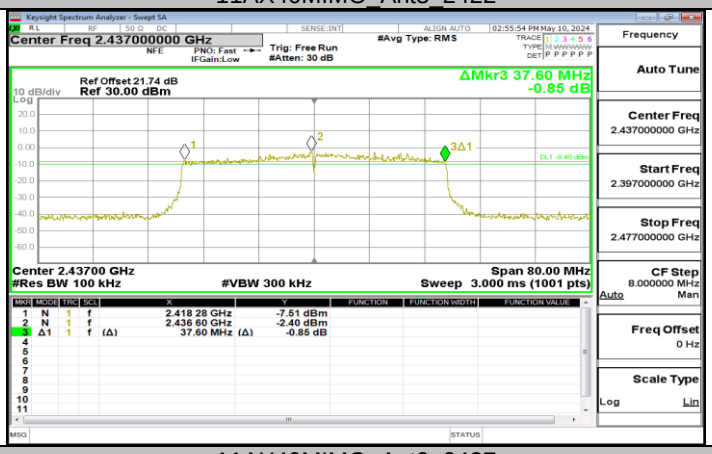


11AX40MIMO_Ant2_2422

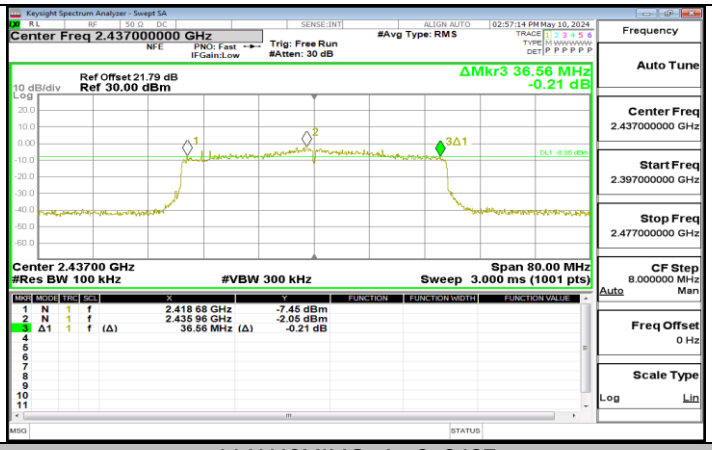


11AX40MIMO_Ant3_2422

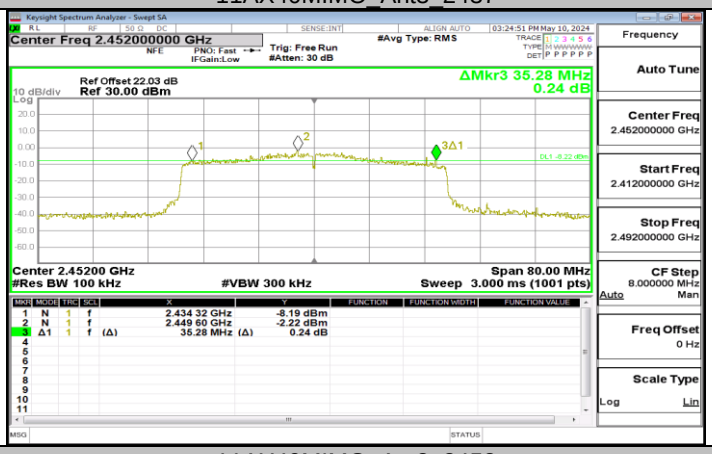


11AX40MIMO_Ant2_2437

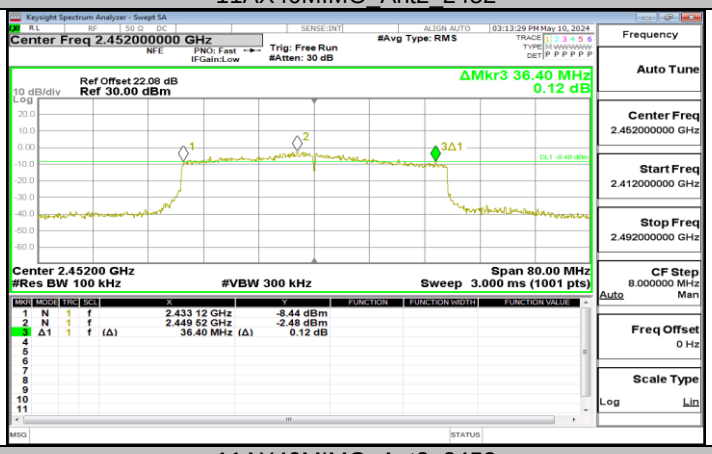
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11AX40MIMO_Ant3_2437



11AX40MIMO_Ant2_2452



11AX40MIMO_Ant3_2452

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

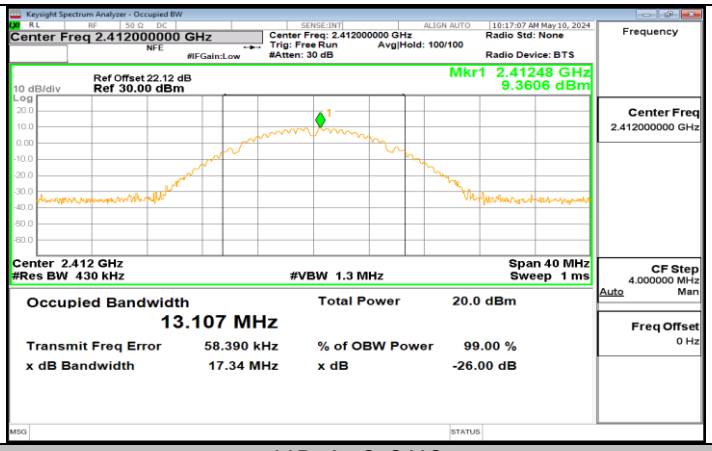
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

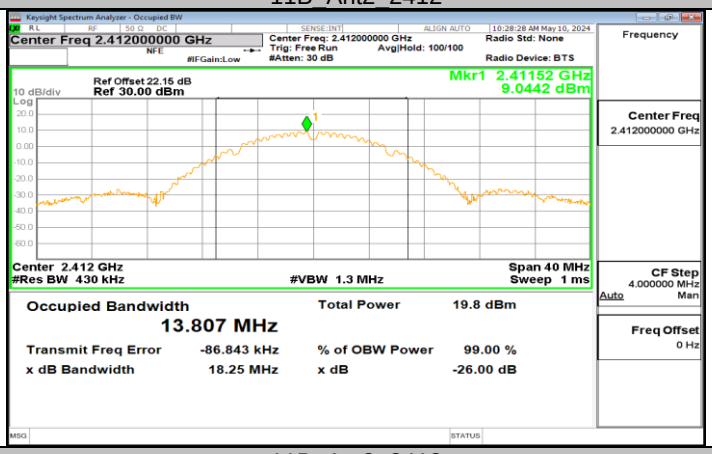
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant2	2412	13.107	2405.5049	2418.6119
	Ant3	2412	13.807	2405.0097	2418.8167
	Ant2	2437	13.189	2430.3612	2443.5502
	Ant3	2437	13.151	2430.4081	2443.5591
	Ant2	2462	13.572	2454.9768	2468.5488
	Ant3	2462	13.732	2454.9413	2468.6733
11G	Ant2	2412	16.434	2403.8048	2420.2388
	Ant3	2412	16.667	2403.6792	2420.3462
	Ant2	2437	16.430	2428.7362	2445.1662
	Ant3	2437	16.484	2428.7173	2445.2013
	Ant2	2462	16.510	2453.7012	2470.2112
	Ant3	2462	16.426	2453.8172	2470.2432
11N20MIMO	Ant2	2412	17.622	2403.2013	2420.8233
	Ant3	2412	17.645	2403.2422	2420.8872
	Ant2	2437	17.637	2428.1475	2445.7845
	Ant3	2437	17.583	2428.2000	2445.7830
	Ant2	2462	17.637	2453.1395	2470.7765
	Ant3	2462	17.686	2453.1354	2470.8214
11N40MIMO	Ant2	2422	36.156	2403.9353	2440.0913
	Ant3	2422	36.124	2404.0589	2440.1829
	Ant2	2437	35.987	2419.1208	2455.1078
	Ant3	2437	35.841	2419.2459	2455.0869
	Ant2	2452	35.735	2434.1062	2469.8412
	Ant3	2452	35.870	2434.0189	2469.8889
11AX20MIMO	Ant2	2412	18.907	2402.6034	2421.5104
	Ant3	2412	18.925	2402.6423	2421.5673
	Ant2	2437	18.897	2427.5463	2446.4433
	Ant3	2437	18.886	2427.5497	2446.4357
	Ant2	2462	18.892	2452.5199	2471.4119
	Ant3	2462	19.031	2452.4540	2471.4850
11AX40MIMO	Ant2	2422	37.826	2403.0999	2440.9259
	Ant3	2422	37.874	2403.2106	2441.0846
	Ant2	2437	37.679	2418.2765	2455.9555
	Ant3	2437	37.623	2418.2694	2455.8924
	Ant2	2452	37.318	2433.3131	2470.6311
	Ant3	2452	37.552	2433.2435	2470.7955

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

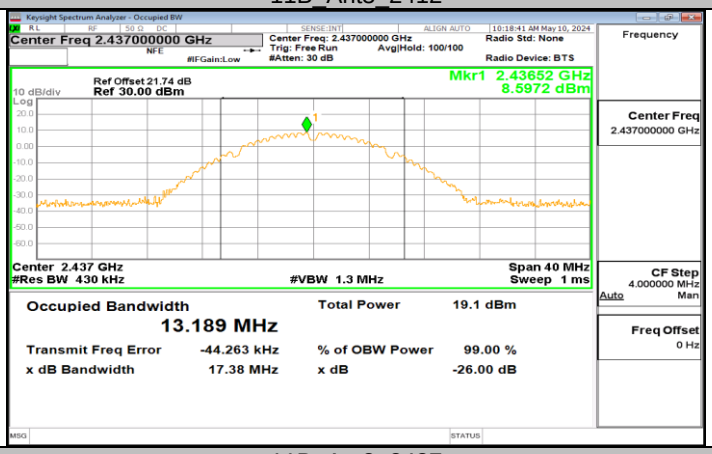
11.2.2. Test Graphs



11B_Ant2_2412

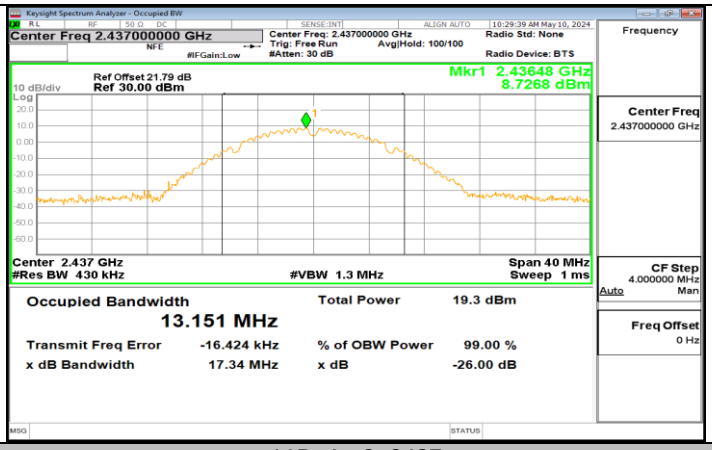


11B_Ant3_2412

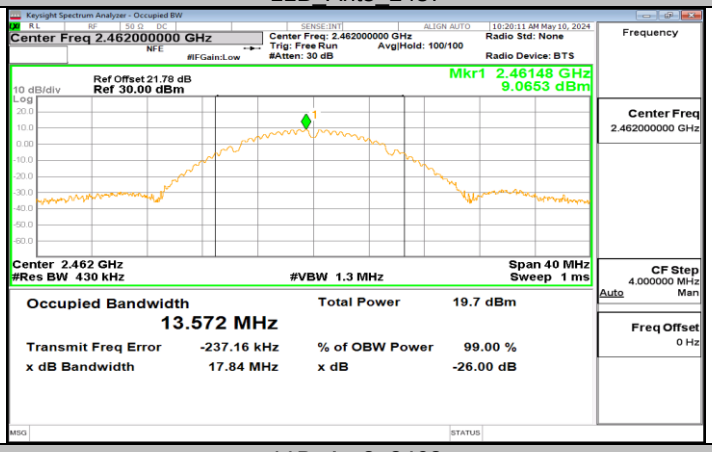


11B_Ant2_2437

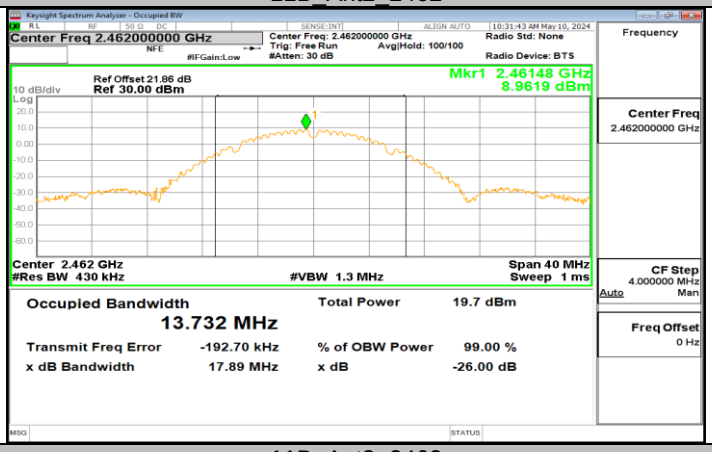
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11B_Ant3_2437

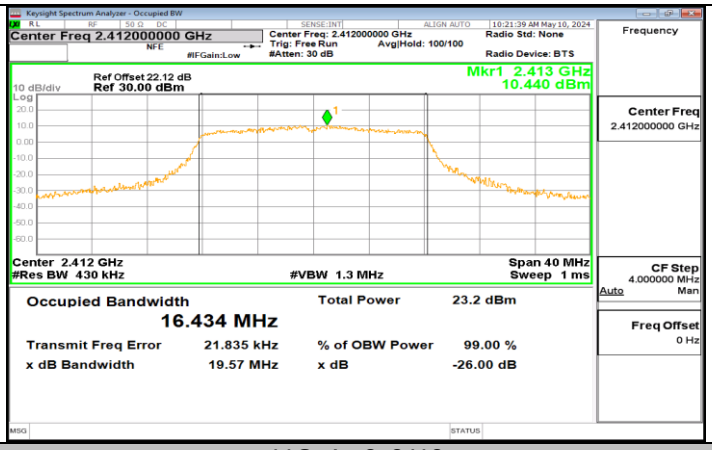


11B_Ant2_2462

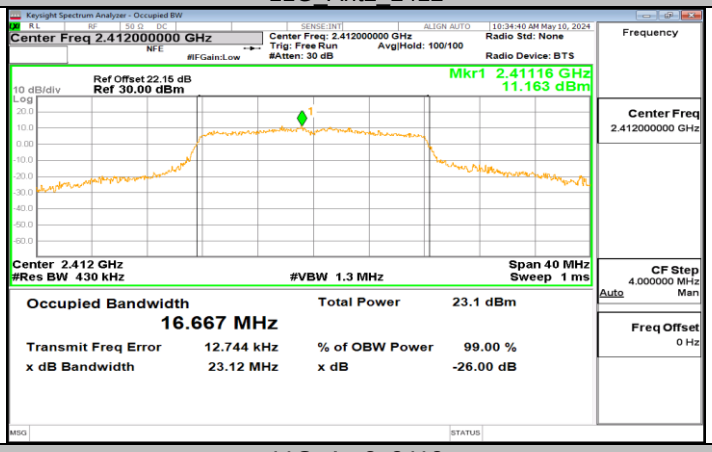


11B_Ant3_2462

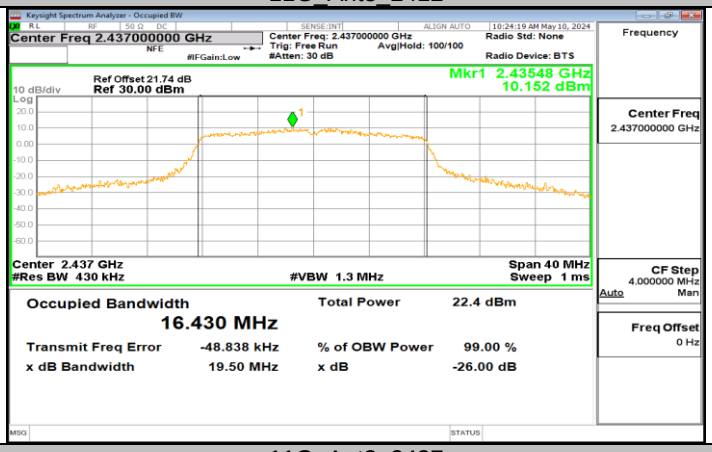
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant2_2412

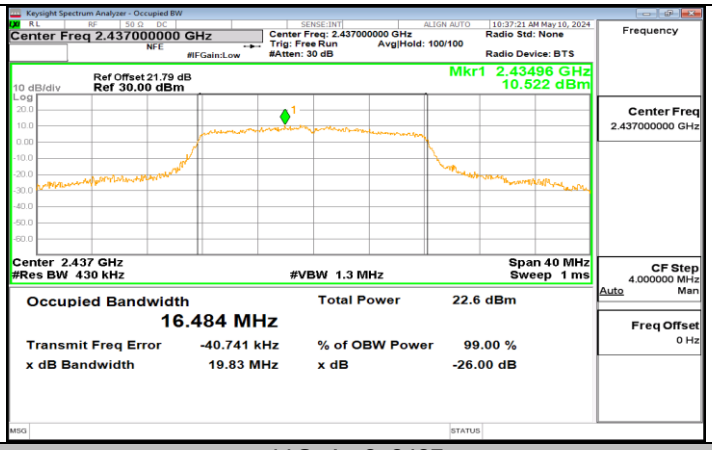


11G_Ant3_2412

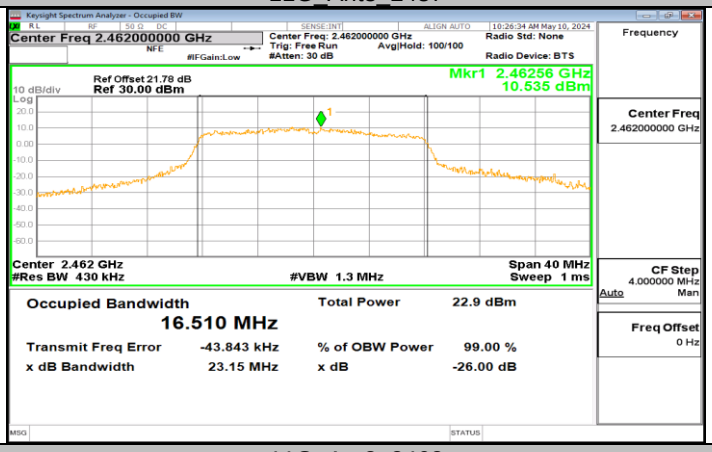


11G_Ant2_2437

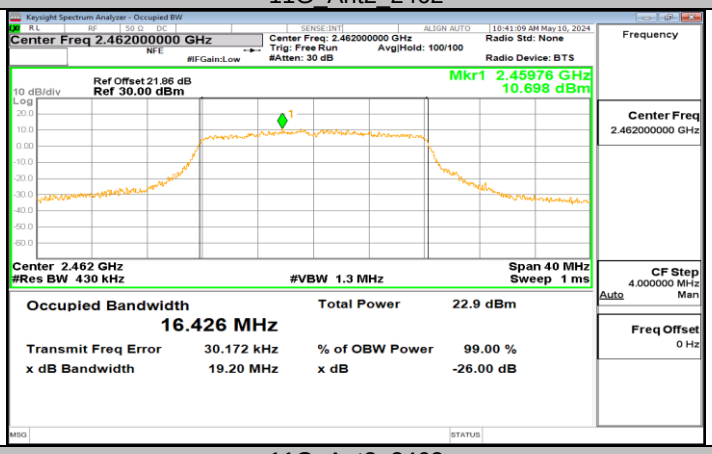
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant3_2437

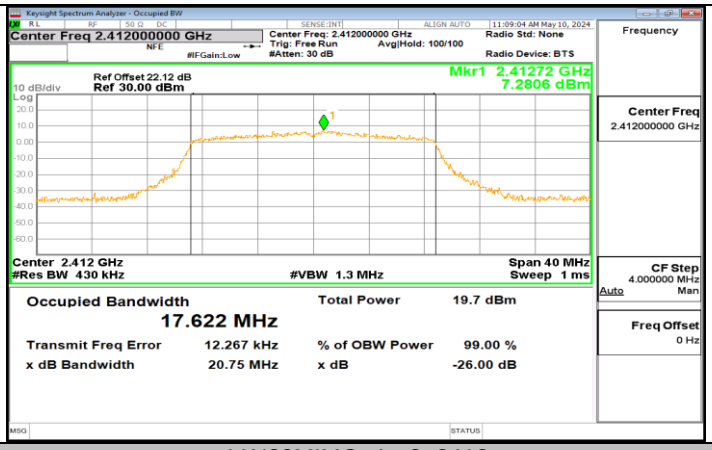


11G_Ant2_2462

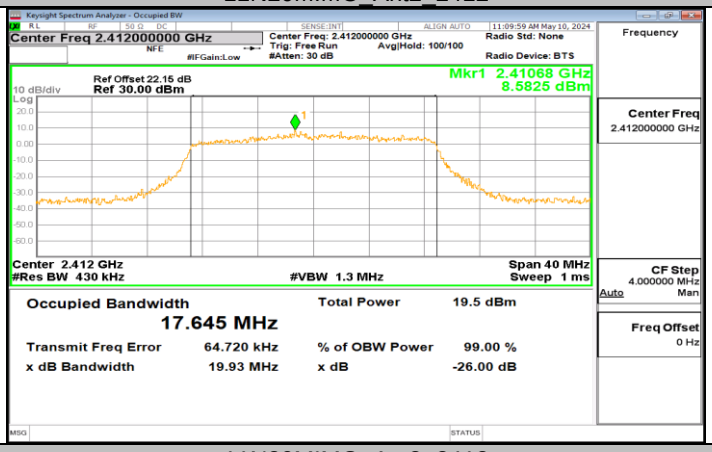


11G_Ant3_2462

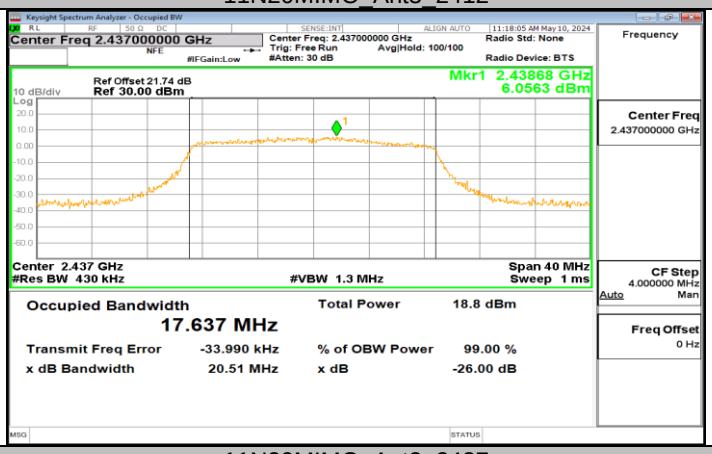
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N20MIMO_Ant2_2412

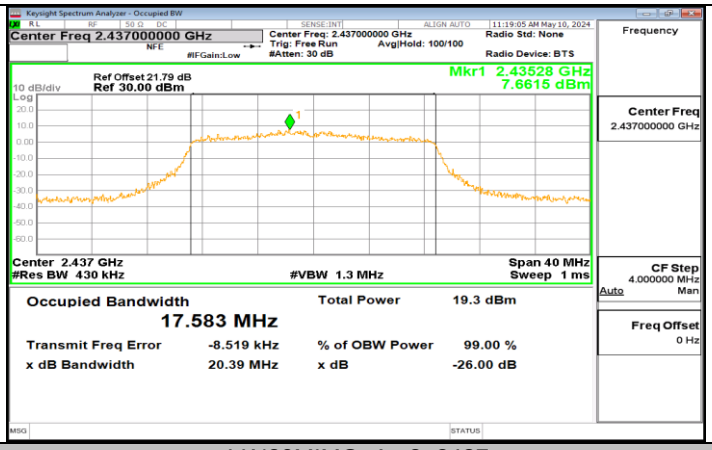


11N20MIMO_Ant3_2412

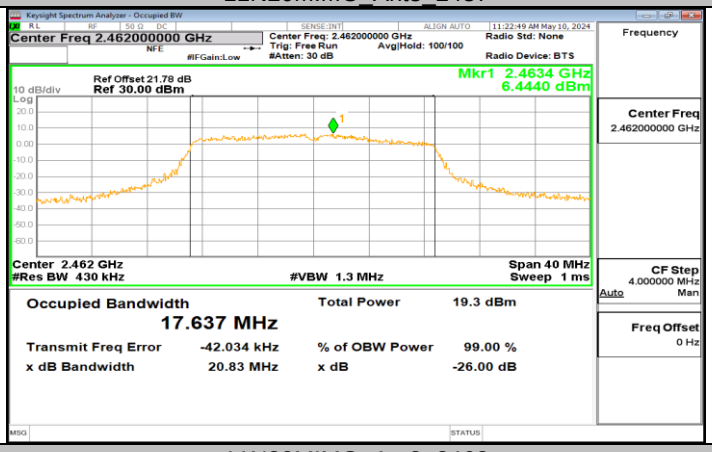


11N20MIMO_Ant2_2437

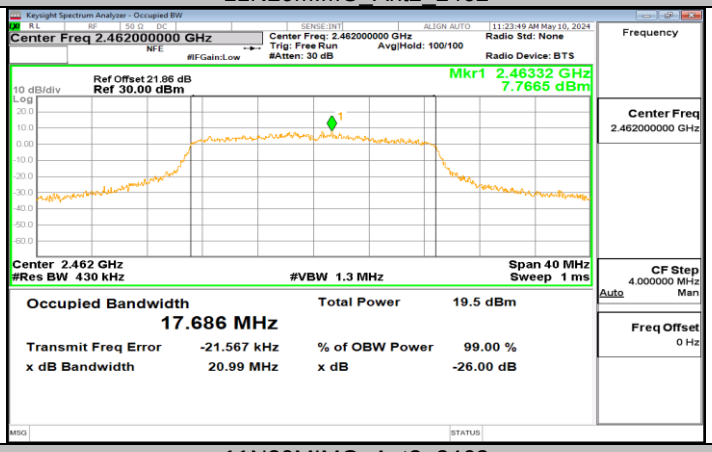
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N20MIMO_Ant3_2437

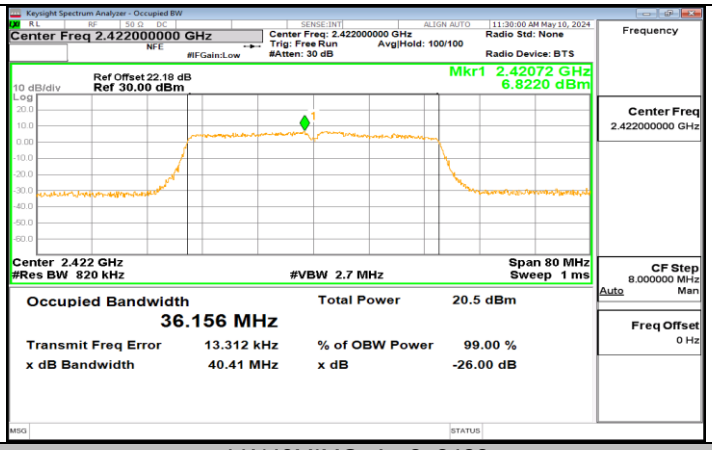


11N20MIMO_Ant2_2462

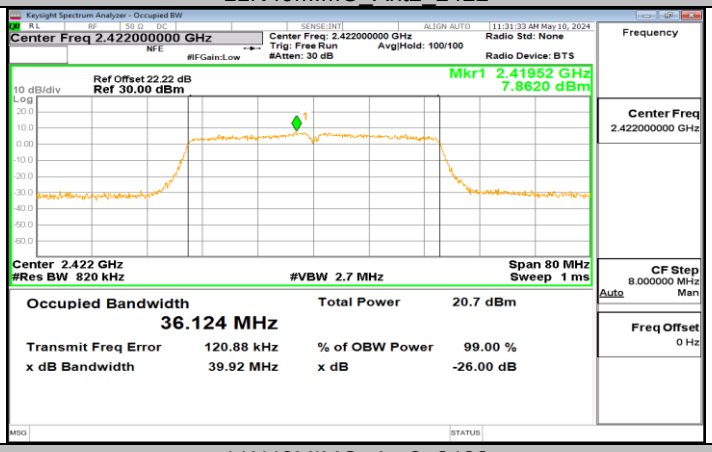


11N20MIMO_Ant3_2462

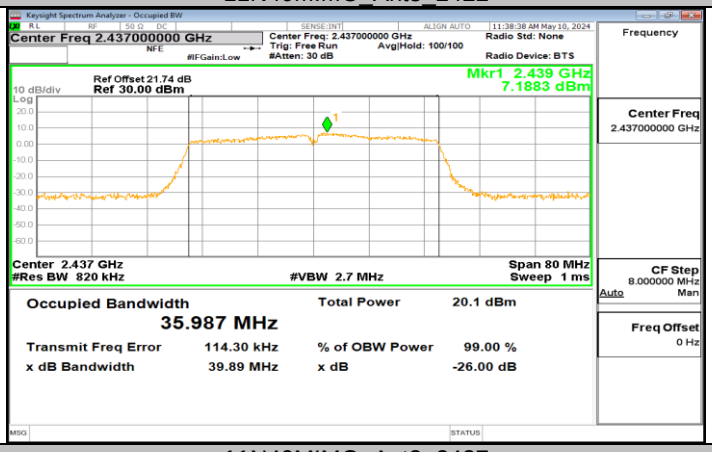
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N40MIMO_Ant2_2422

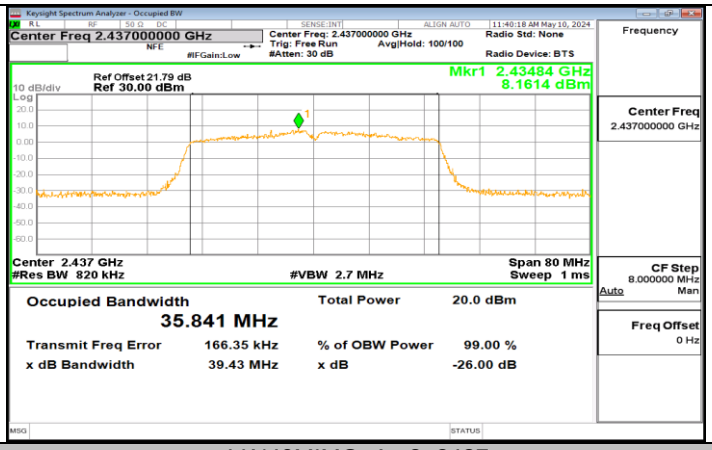


11N40MIMO_Ant3_2422

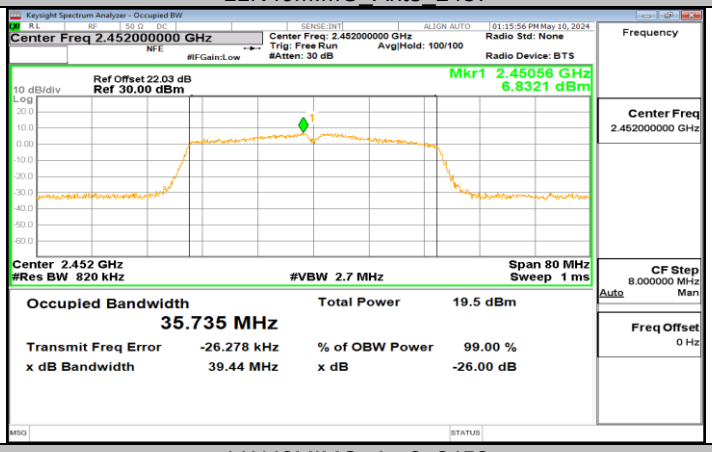


11N40MIMO_Ant2_2437

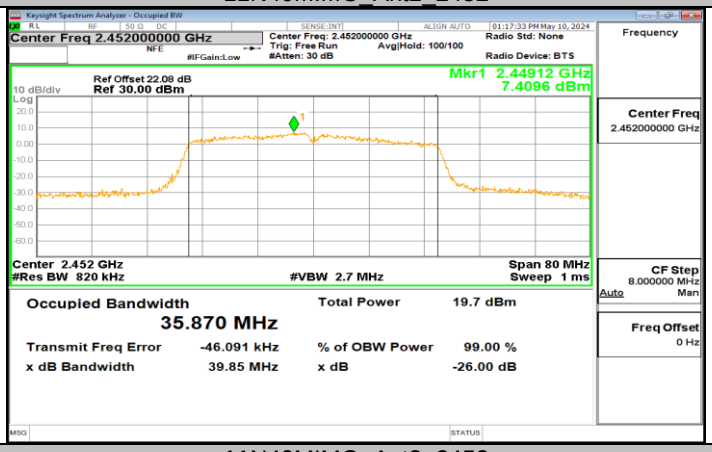
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N40MIMO_Ant3_2437

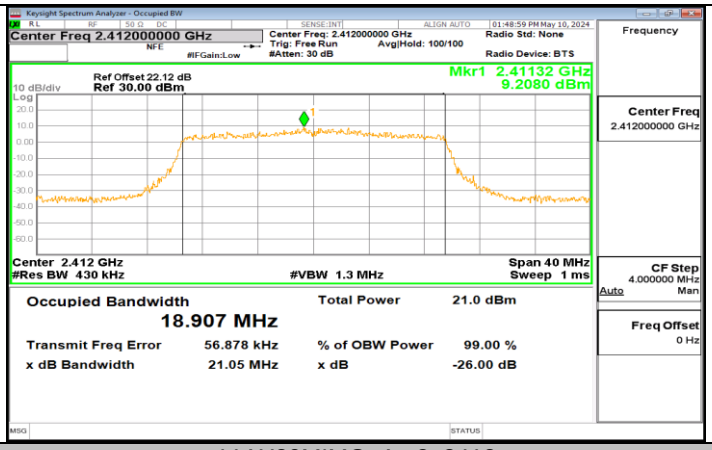


11N40MIMO_Ant2_2452

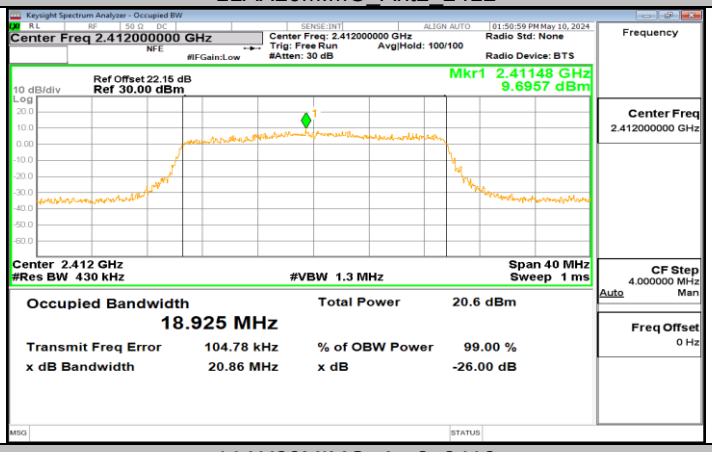


11N40MIMO_Ant3_2452

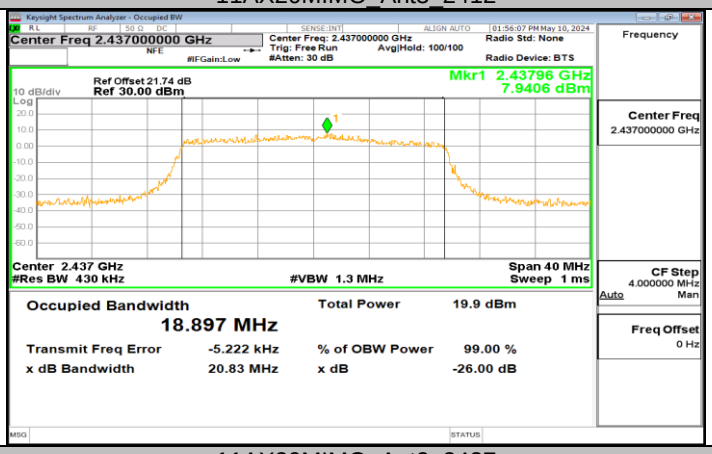
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11AX20MIMO_Ant2_2412

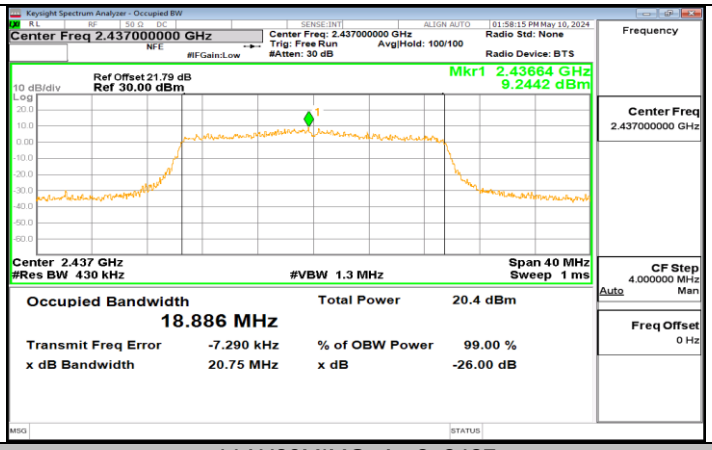


11AX20MIMO_Ant3_2412

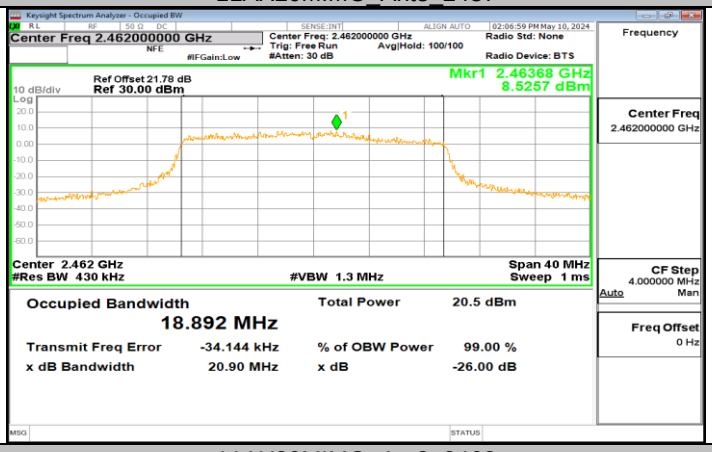


11AX20MIMO_Ant2_2437

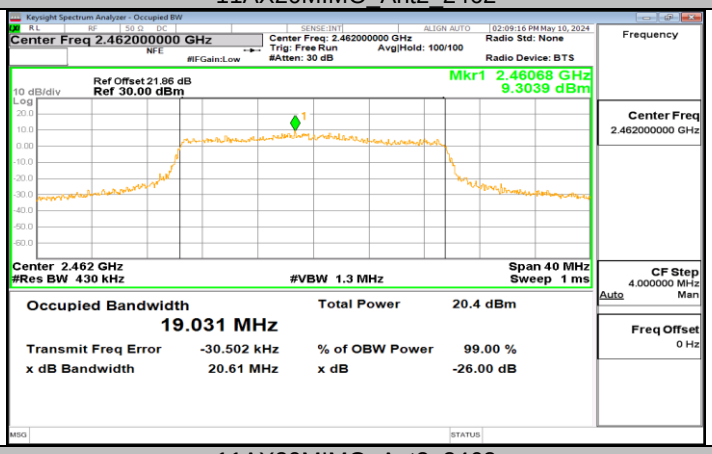
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11AX20MIMO_Ant3_2437

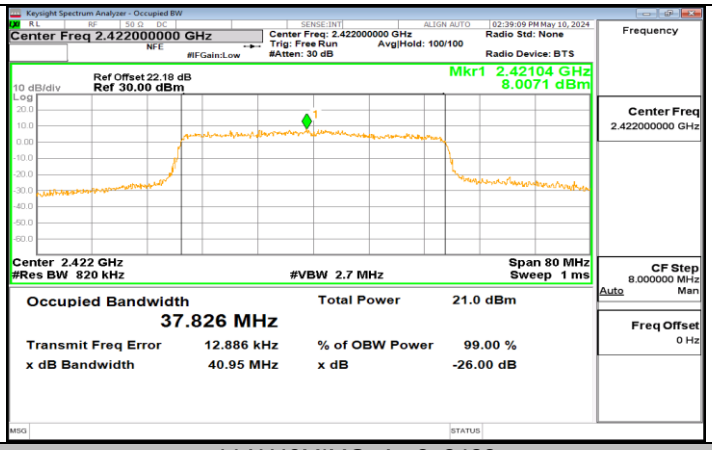


11AX20MIMO_Ant2_2462

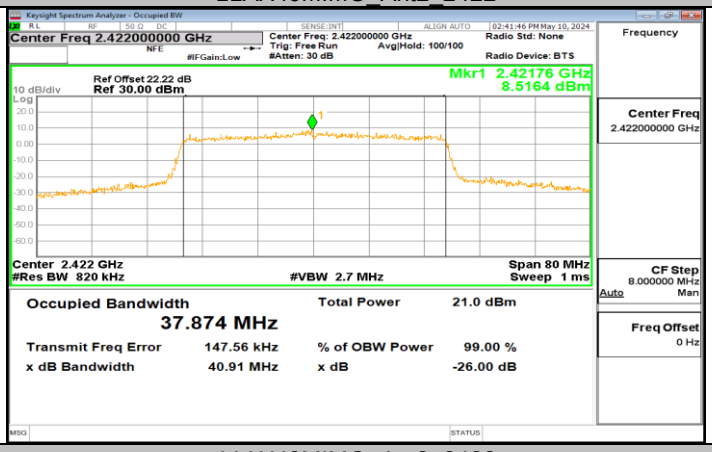


11AX20MIMO_Ant3_2462

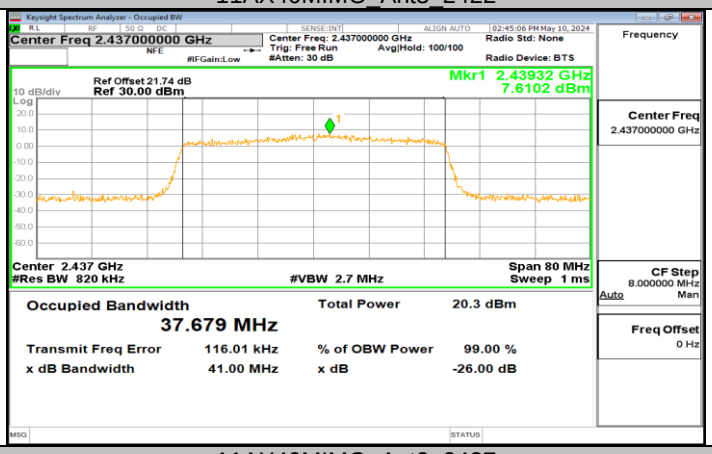
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11AX40MIMO_Ant2_2422

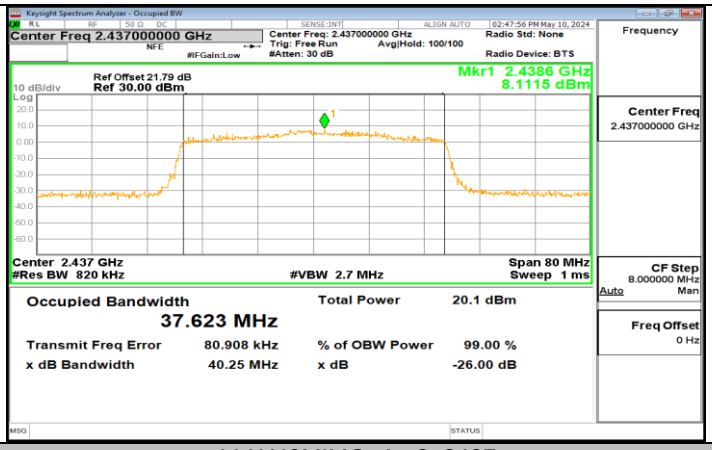


11AX40MIMO_Ant3_2422

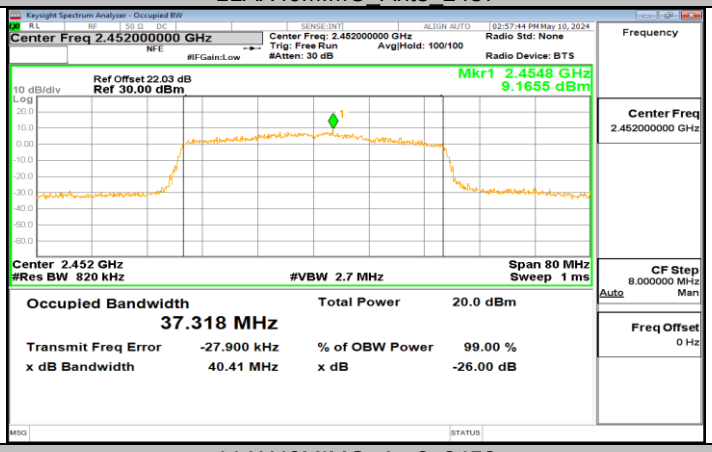


11AX40MIMO_Ant2_2437

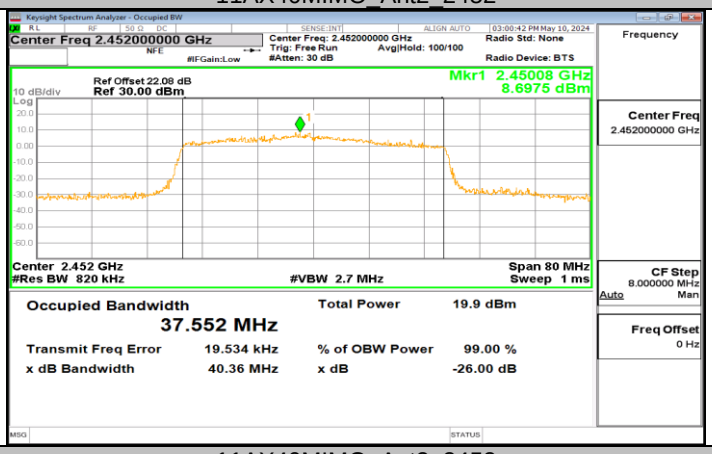
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11AX40MIMO_Ant3_2437



11AX40MIMO_Ant2_2452



11AX40MIMO_Ant3_2452

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	2412	17.09	≤30.00	PASS
	Ant3	2412	16.98	≤30.00	PASS
	Ant2	2437	16.25	≤30.00	PASS
	Ant3	2437	16.38	≤30.00	PASS
	Ant2	2462	16.83	≤30.00	PASS
	Ant3	2462	16.68	≤30.00	PASS
11G	Ant2	2412	16.98	≤30.00	PASS
	Ant3	2412	16.75	≤30.00	PASS
	Ant2	2437	16.20	≤30.00	PASS
	Ant3	2437	16.36	≤30.00	PASS
	Ant2	2462	15.44	≤30.00	PASS
	Ant3	2462	15.49	≤30.00	PASS
11N20MIMO	Ant2	2412	13.43	≤30.00	PASS
	Ant3	2412	13.04	≤30.00	PASS
	total	2412	16.25	≤30.00	PASS
	Ant2	2437	12.52	≤30.00	PASS
	Ant3	2437	12.90	≤30.00	PASS
	total	2437	15.72	≤30.00	PASS
	Ant2	2462	13.07	≤30.00	PASS
	Ant3	2462	12.87	≤30.00	PASS
	total	2462	15.98	≤30.00	PASS
11N40MIMO	Ant2	2422	12.27	≤30.00	PASS
	Ant3	2422	12.48	≤30.00	PASS
	total	2422	15.39	≤30.00	PASS
	Ant2	2437	12.81	≤30.00	PASS
	Ant3	2437	12.73	≤30.00	PASS
	total	2437	15.78	≤30.00	PASS
	Ant2	2452	11.44	≤30.00	PASS
	Ant3	2452	11.55	≤30.00	PASS
	total	2452	14.51	≤30.00	PASS
11AX20MIMO	Ant2	2412	13.63	≤30.00	PASS
	Ant3	2412	13.28	≤30.00	PASS
	total	2412	16.47	≤30.00	PASS
	Ant2	2437	12.65	≤30.00	PASS
	Ant3	2437	13.14	≤30.00	PASS
	total	2437	15.91	≤30.00	PASS
	Ant2	2462	13.22	≤30.00	PASS
	Ant3	2462	13.16	≤30.00	PASS
	total	2462	16.20	≤30.00	PASS
11AX40MIMO	Ant2	2422	11.94	≤30.00	PASS
	Ant3	2422	12.21	≤30.00	PASS
	total	2422	15.09	≤30.00	PASS
	Ant2	2437	12.46	≤30.00	PASS
	Ant3	2437	12.39	≤30.00	PASS
	total	2437	15.44	≤30.00	PASS
	Ant2	2452	11.17	≤30.00	PASS
	Ant3	2452	11.18	≤30.00	PASS
	total	2452	14.19	≤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.

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

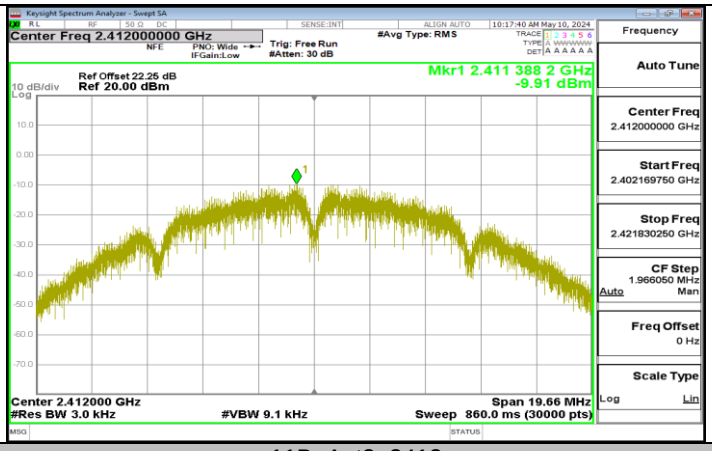
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-9.91	≤8.00	PASS
	Ant3	2412	-10.12	≤8.00	PASS
	Ant2	2437	-10.21	≤8.00	PASS
	Ant3	2437	-9.58	≤8.00	PASS
	Ant2	2462	-9.98	≤8.00	PASS
	Ant3	2462	-10.36	≤8.00	PASS
11G	Ant2	2412	-14.08	≤8.00	PASS
	Ant3	2412	-13.91	≤8.00	PASS
	Ant2	2437	-14.28	≤8.00	PASS
	Ant3	2437	-14.09	≤8.00	PASS
	Ant2	2462	-15.27	≤8.00	PASS
	Ant3	2462	-15.10	≤8.00	PASS
11N20MIMO	Ant2	2412	-18.80	≤8.00	PASS
	Ant3	2412	-18.81	≤8.00	PASS
	total	2412	-15.79	≤8.00	PASS
	Ant2	2437	-19.14	≤8.00	PASS
	Ant3	2437	-19.20	≤8.00	PASS
	total	2437	-16.16	≤8.00	PASS
	Ant2	2462	-19.08	≤8.00	PASS
	Ant3	2462	-18.57	≤8.00	PASS
	total	2462	-15.81	≤8.00	PASS
11N40MIMO	Ant2	2422	-23.28	≤8.00	PASS
	Ant3	2422	-22.51	≤8.00	PASS
	total	2422	-19.87	≤8.00	PASS
	Ant2	2437	-22.05	≤8.00	PASS
	Ant3	2437	-20.73	≤8.00	PASS
	total	2437	-18.33	≤8.00	PASS
	Ant2	2452	-23.29	≤8.00	PASS
	Ant3	2452	-23.08	≤8.00	PASS
	total	2452	-20.17	≤8.00	PASS
11AX20MIMO	Ant2	2412	-19.55	≤8.00	PASS
	Ant3	2412	-19.61	≤8.00	PASS
	total	2412	-16.57	≤8.00	PASS
	Ant2	2437	-20.27	≤8.00	PASS
	Ant3	2437	-18.94	≤8.00	PASS
	total	2437	-16.54	≤8.00	PASS
	Ant2	2462	-19.93	≤8.00	PASS
	Ant3	2462	-18.91	≤8.00	PASS
	total	2462	-16.38	≤8.00	PASS
11AX40MIMO	Ant2	2422	-24.50	≤8.00	PASS
	Ant3	2422	-23.13	≤8.00	PASS
	total	2422	-20.75	≤8.00	PASS
	Ant2	2437	-23.54	≤8.00	PASS
	Ant3	2437	-23.20	≤8.00	PASS
	total	2437	-20.36	≤8.00	PASS
	Ant2	2452	-24.37	≤8.00	PASS
	Ant3	2452	-24.05	≤8.00	PASS
	total	2452	-21.20	≤8.00	PASS

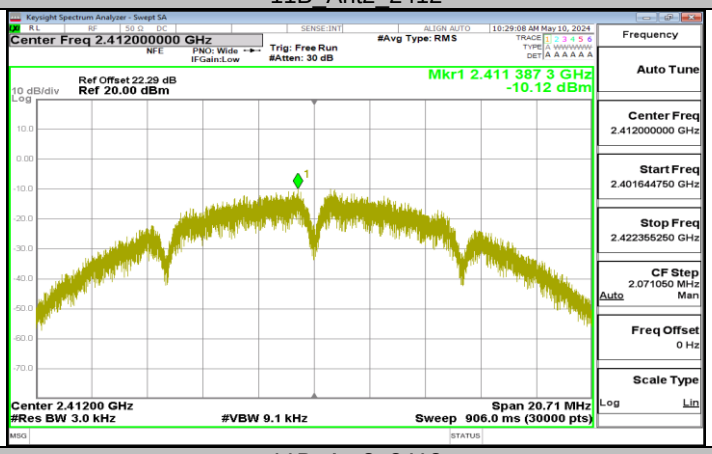
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

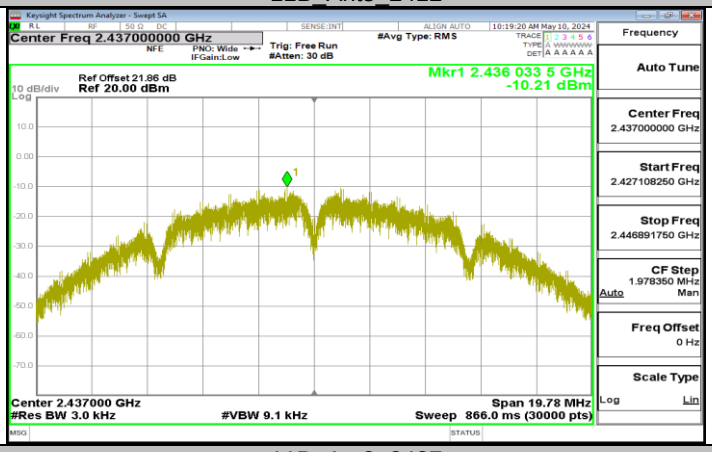
11.4.2. Test Graphs



11B_Ant2_2412

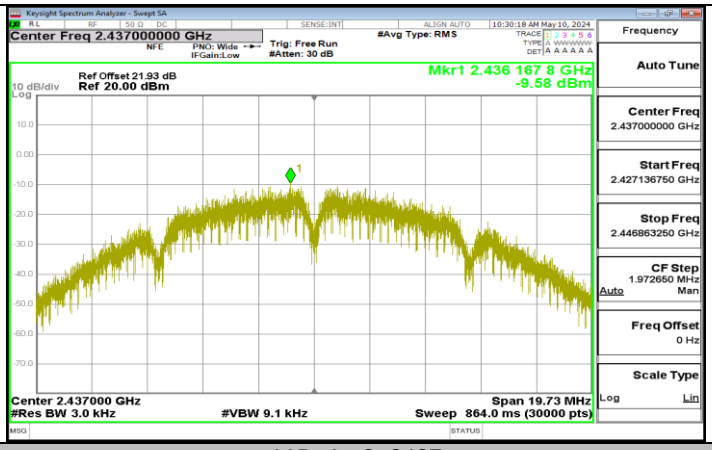


11B_Ant3_2412

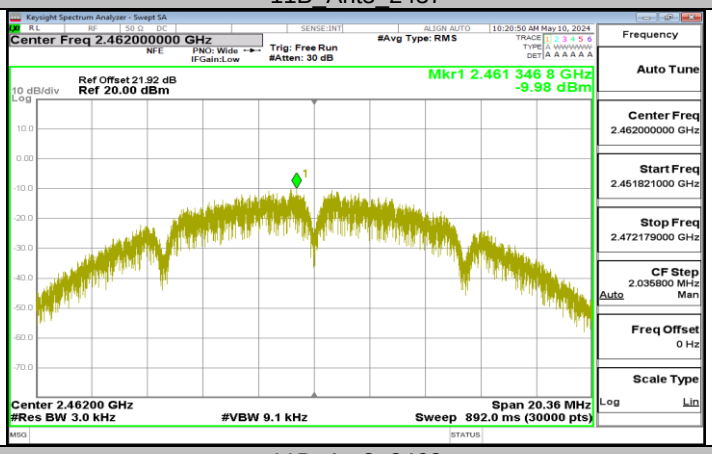


11B_Ant2_2437

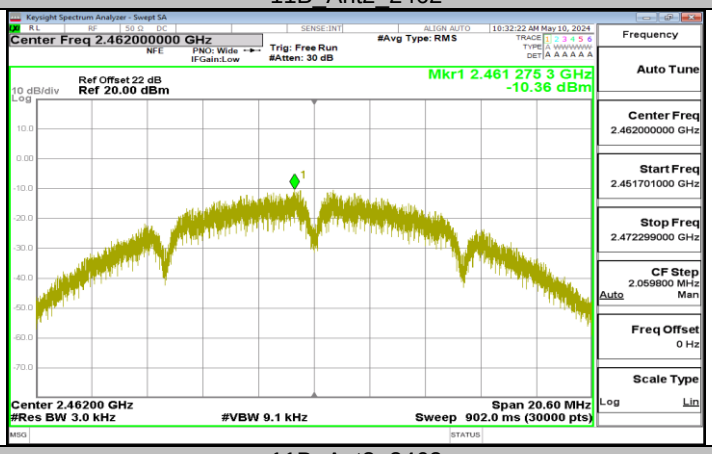
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11B_Ant3_2437

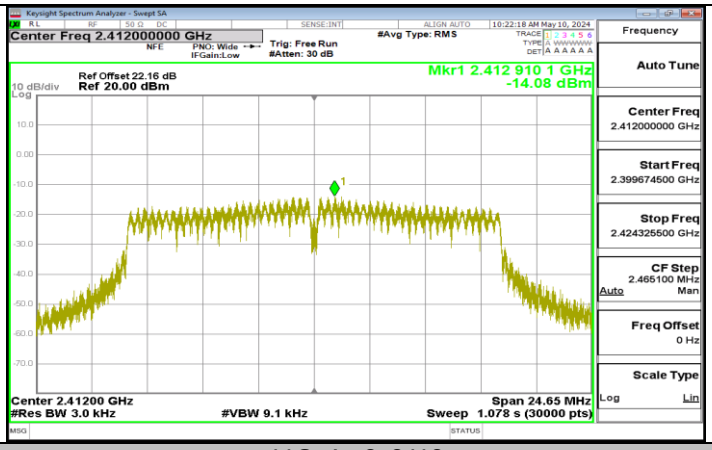


11B_Ant2_2462

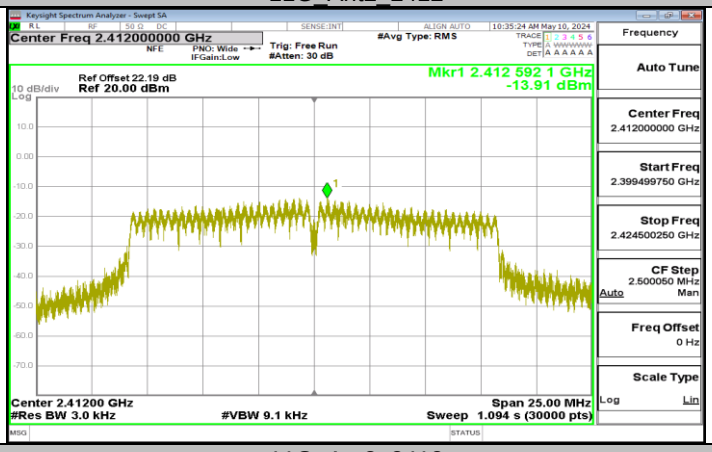


11B_Ant3_2462

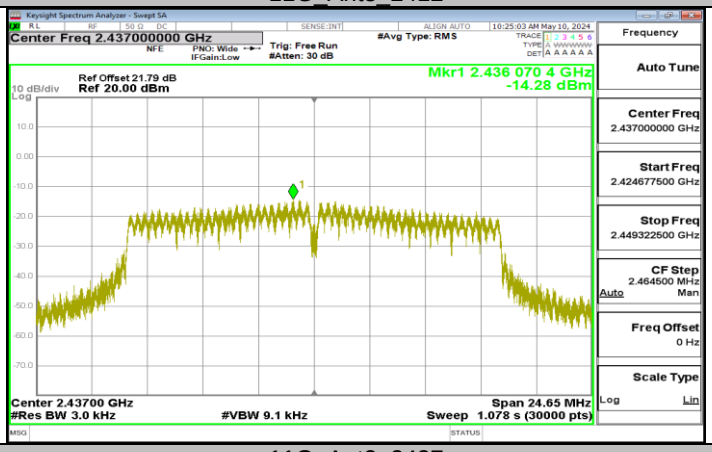
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant2_2412

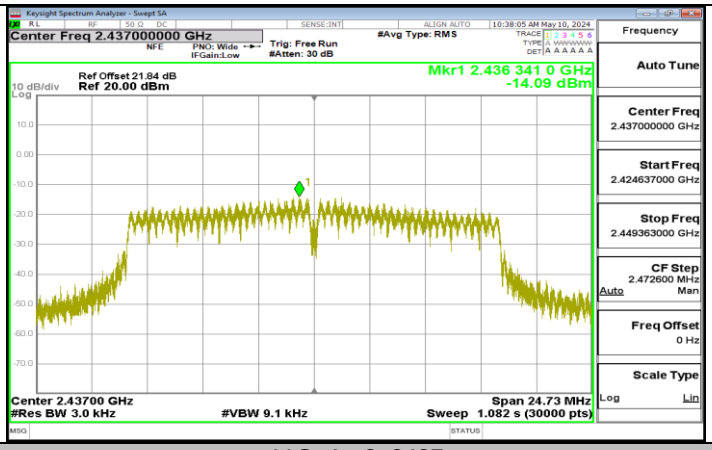


11G_Ant3_2412

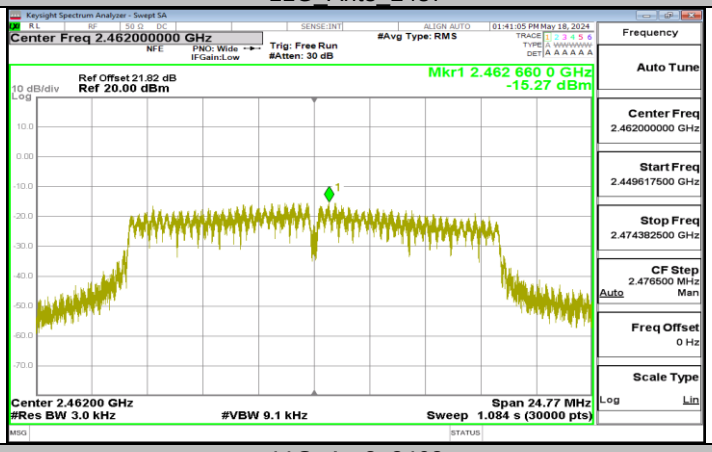


11G_Ant2_2437

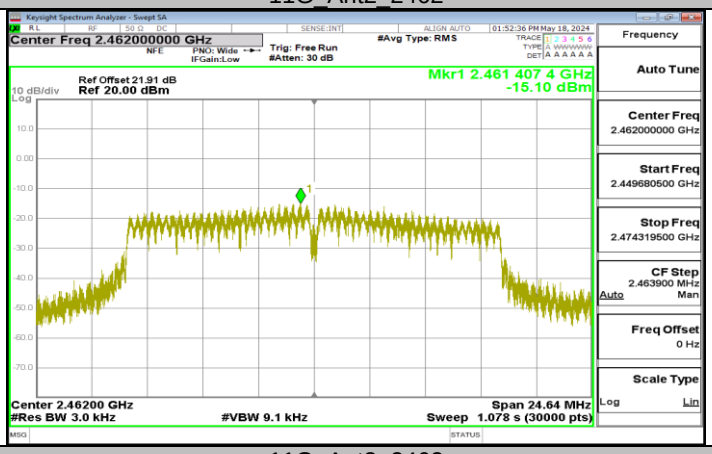
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant3_2437

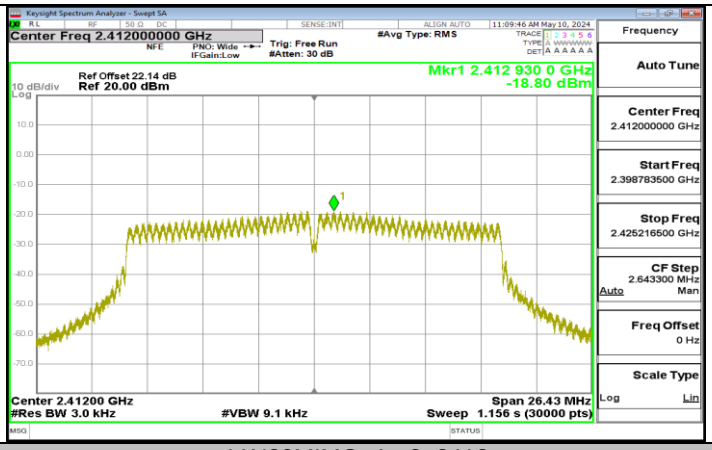


11G_Ant2_2462

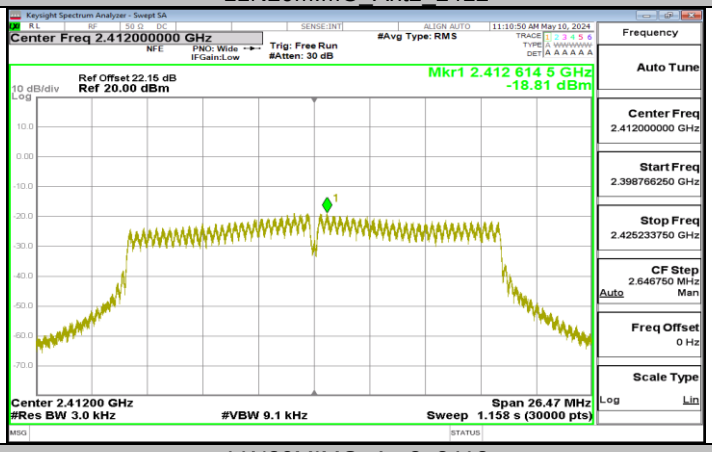


11G_Ant3_2462

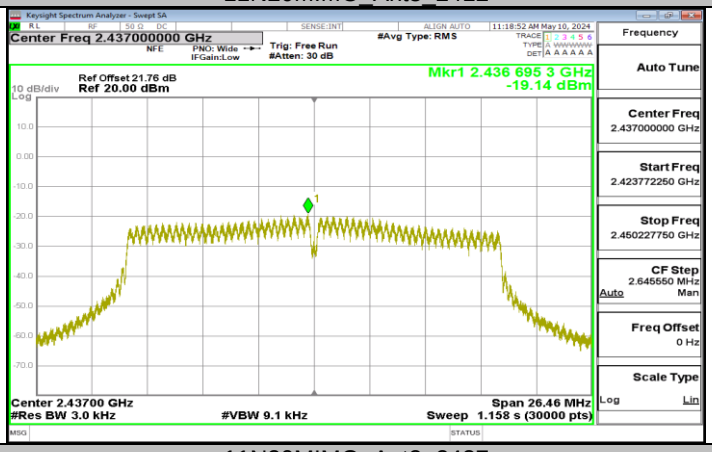
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N20MIMO_Ant2_2412

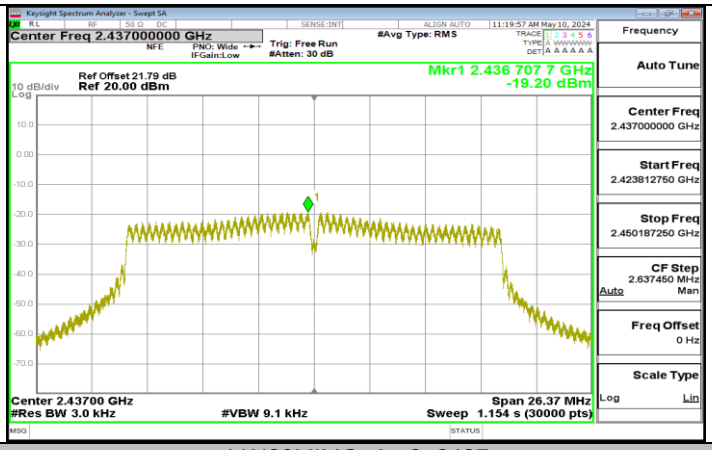


11N20MIMO_Ant3_2412

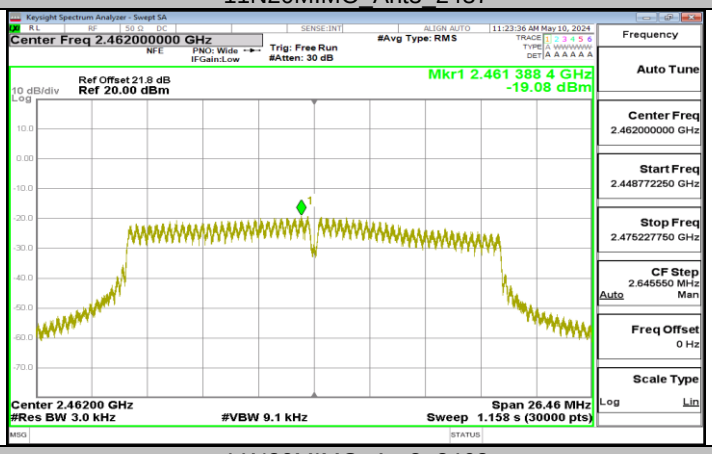


11N20MIMO_Ant2_2437

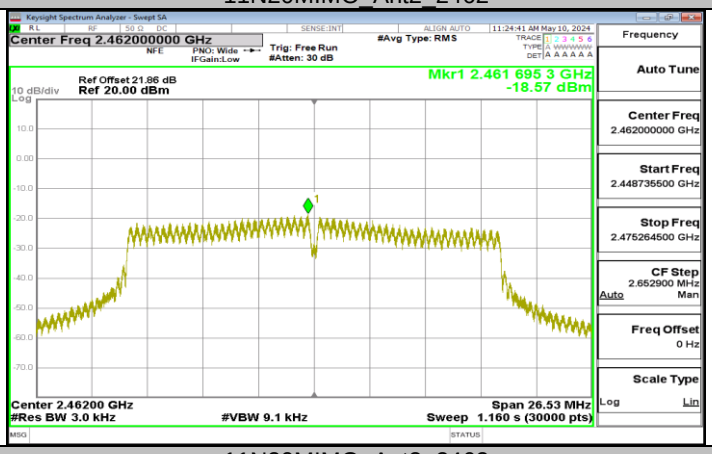
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N20MIMO_Ant3_2437



11N20MIMO_Ant2_2462



11N20MIMO_Ant3_2462

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.