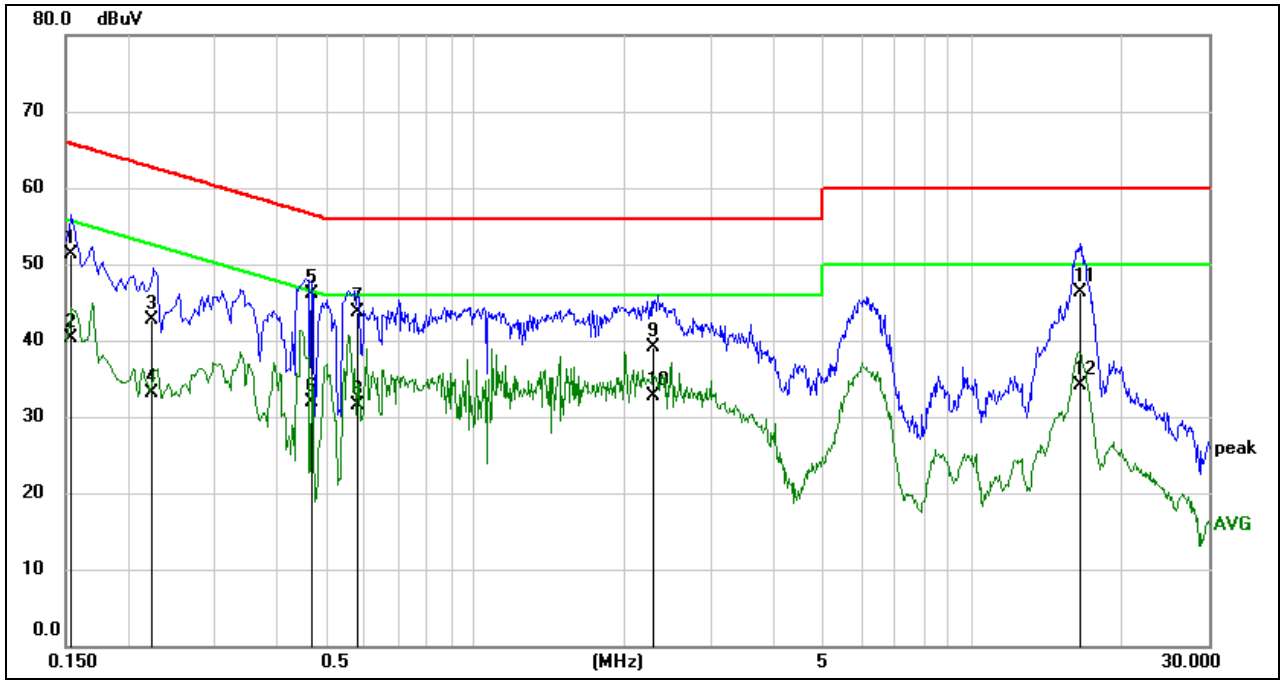
LINE N RESULTS (CHANNEL 6, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1529	41.68	9.59	51.27	65.84	-14.57	QP
2	0.1529	30.72	9.59	40.31	55.84	-15.53	AVG
3	0.2221	33.18	9.57	42.75	62.74	-19.99	QP
4	0.2221	23.46	9.57	33.03	52.74	-19.71	AVG
5	0.4684	36.74	9.33	46.07	56.54	-10.47	QP
6	0.4684	22.48	9.33	31.81	46.54	-14.73	AVG
7	0.5821	34.29	9.42	43.71	56.00	-12.29	QP
8	0.5821	22.02	9.42	31.44	46.00	-14.56	AVG
9	2.2828	29.51	9.63	39.14	56.00	-16.86	QP
10	2.2828	22.98	9.63	32.61	46.00	-13.39	AVG
11	16.5186	36.60	9.73	46.33	60.00	-13.67	QP
12	16.5186	24.41	9.73	34.14	50.00	-15.86	AVG

Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

10. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)
The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

RESULTS

Complies

11. Appendix

11.1. Appendix A: DTS Bandwidth

11.1.1. Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.560	2408.520	2416.080	0.5	PASS
	Ant2	2412	7.560	2408.520	2416.080	0.5	PASS
	Ant1	2417	7.560	2413.520	2421.080	0.5	PASS
	Ant2	2417	7.520	2413.520	2421.040	0.5	PASS
	Ant1	2437	7.520	2433.520	2441.040	0.5	PASS
	Ant2	2437	7.080	2433.520	2440.600	0.5	PASS
	Ant1	2457	7.520	2453.520	2461.040	0.5	PASS
	Ant2	2457	7.520	2453.520	2461.040	0.5	PASS
	Ant1	2462	7.560	2458.520	2466.080	0.5	PASS
	Ant2	2462	7.560	2458.040	2465.600	0.5	PASS
11G	Ant1	2412	16.320	2403.880	2420.200	0.5	PASS
	Ant2	2412	16.320	2403.880	2420.200	0.5	PASS
	Ant1	2417	16.320	2408.880	2425.200	0.5	PASS
	Ant2	2417	16.320	2408.880	2425.200	0.5	PASS
	Ant1	2437	16.320	2428.880	2445.200	0.5	PASS
	Ant2	2437	16.320	2428.880	2445.200	0.5	PASS
	Ant1	2457	16.320	2448.880	2465.200	0.5	PASS
	Ant2	2457	16.320	2448.880	2465.200	0.5	PASS
	Ant1	2462	16.320	2453.880	2470.200	0.5	PASS
	Ant2	2462	16.360	2453.880	2470.240	0.5	PASS
11N20MIMO	Ant1	2412	17.560	2403.280	2420.840	0.5	PASS
	Ant2	2412	17.600	2403.240	2420.840	0.5	PASS
	Ant1	2417	17.560	2408.280	2425.840	0.5	PASS
	Ant2	2417	17.560	2408.280	2425.840	0.5	PASS
	Ant1	2437	17.560	2428.280	2445.840	0.5	PASS
	Ant2	2437	17.600	2428.240	2445.840	0.5	PASS
	Ant1	2457	17.520	2448.280	2465.800	0.5	PASS
	Ant2	2457	17.560	2448.280	2465.840	0.5	PASS
	Ant1	2462	17.560	2453.280	2470.840	0.5	PASS
	Ant2	2462	17.560	2453.280	2470.840	0.5	PASS
11N40MIMO	Ant1	2422	36.320	2403.920	2440.240	0.5	PASS
	Ant2	2422	36.320	2403.920	2440.240	0.5	PASS
	Ant1	2427	36.320	2408.920	2445.240	0.5	PASS
	Ant2	2427	36.320	2408.920	2445.240	0.5	PASS
	Ant1	2437	36.080	2419.160	2455.240	0.5	PASS
	Ant2	2437	36.320	2418.920	2455.240	0.5	PASS
	Ant1	2447	36.320	2428.920	2465.240	0.5	PASS
	Ant2	2447	36.320	2428.920	2465.240	0.5	PASS
	Ant1	2452	36.320	2433.920	2470.240	0.5	PASS
	Ant2	2452	36.320	2433.920	2470.240	0.5	PASS
11AX20MIMO	Ant1	2412	18.560	2402.920	2421.480	0.5	PASS
	Ant2	2412	18.120	2403.120	2421.240	0.5	PASS
	Ant1	2417	18.200	2408.120	2426.320	0.5	PASS
	Ant2	2417	18.040	2408.200	2426.240	0.5	PASS
	Ant1	2437	18.760	2427.720	2446.480	0.5	PASS
	Ant2	2437	18.560	2427.840	2446.400	0.5	PASS
	Ant1	2457	18.480	2448.000	2466.480	0.5	PASS
	Ant2	2457	18.760	2447.720	2466.480	0.5	PASS
	Ant1	2462	18.560	2452.920	2471.480	0.5	PASS
	Ant2	2462	18.680	2452.800	2471.480	0.5	PASS
11AX40MIMO	Ant1	2422	37.680	2403.200	2440.880	0.5	PASS
	Ant2	2422	37.280	2403.600	2440.880	0.5	PASS
	Ant1	2427	37.680	2408.280	2445.960	0.5	PASS

	Ant2	2427	36.960	2408.840	2445.800	0.5	PASS
	Ant1	2437	37.760	2418.200	2455.960	0.5	PASS
	Ant2	2437	37.040	2418.680	2455.720	0.5	PASS
	Ant1	2447	37.840	2428.200	2466.040	0.5	PASS
	Ant2	2447	37.600	2428.280	2465.880	0.5	PASS
	Ant1	2452	37.840	2433.200	2471.040	0.5	PASS
	Ant2	2452	37.360	2433.520	2470.880	0.5	PASS

11.1.2. Test Graphs

11B_Ant1_2412

11B_Ant2_2412

11B_Ant1_2417

11B_Ant2_2417

11B_Ant1_2437

11B_Ant2_2437

11B_Ant1_2457

11B_Ant2_2457

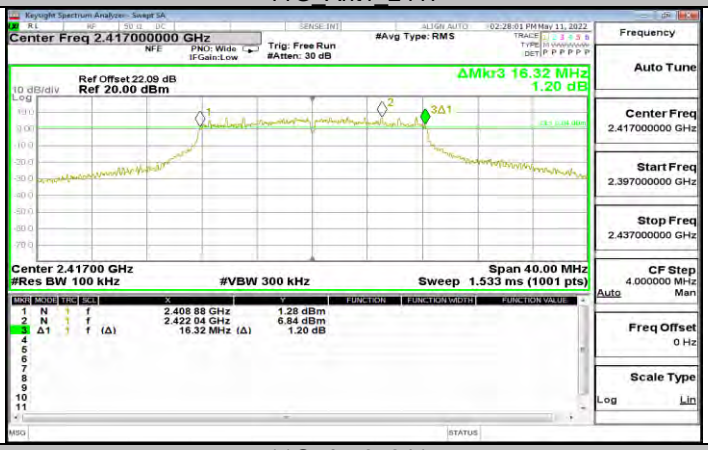
11B_Ant1_2462

11B_Ant2_2462

11G_Ant1_2412

11G_Ant2_2412

11G_Ant1_2417



11G_Ant2_2417

11G_Ant1_2437

11G_Ant2_2437

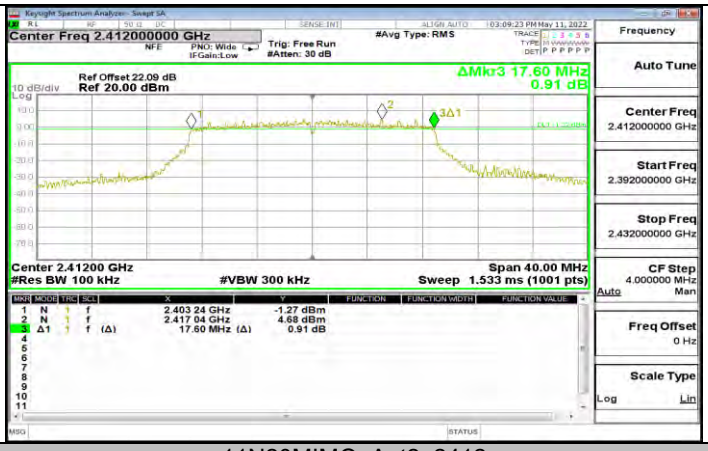
11G_Ant1_2457

11G_Ant2_2457

11G_Ant1_2462

11G_Ant2_2462

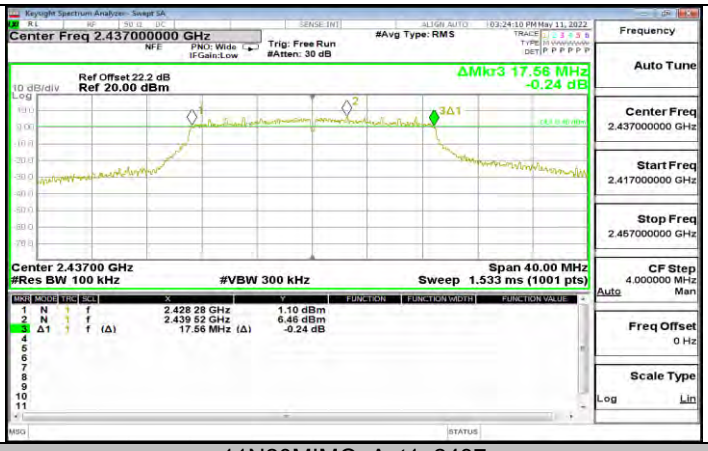
11N20MIMO_Ant1_2412



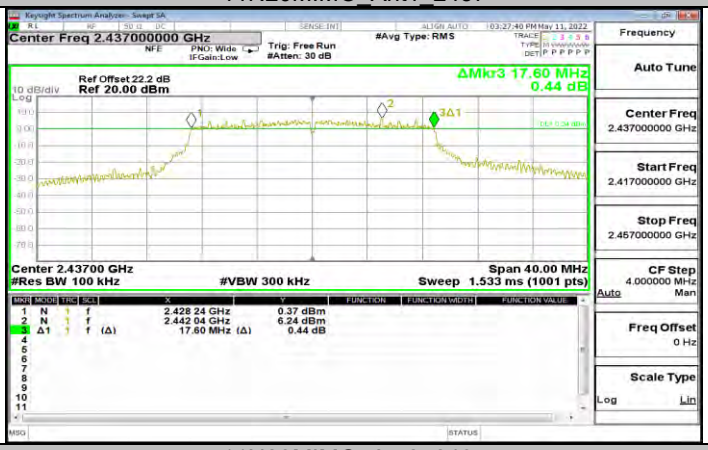
11N20MIMO_Ant2_2412

11N20MIMO_Ant1_2417

11N20MIMO_Ant2_2417



11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437

11N20MIMO_Ant1_2457

11N20MIMO_Ant2_2457

11N20MIMO_Ant1_2462

11N20MIMO_Ant2_2462

11N40MIMO_Ant1_2422

11N40MIMO_Ant2_2422

11N40MIMO_Ant1_2427

11N40MIMO_Ant2_2427

11N40MIMO_Ant1_2437

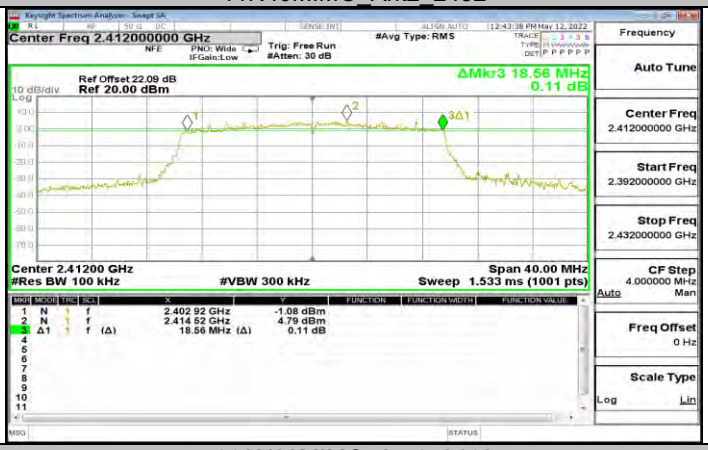
11N40MIMO_Ant2_2437

11N40MIMO_Ant1_2447

11N40MIMO_Ant2_2447

11N40MIMO_Ant1_2452

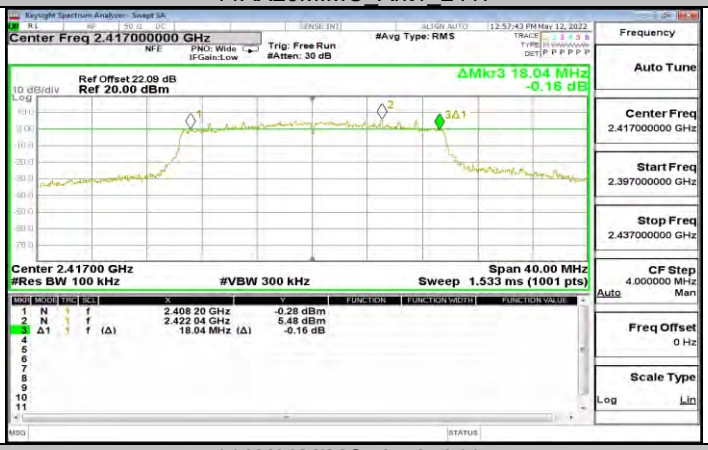
11N40MIMO_Ant2_2452



11AX20MIMO_Ant1_2412

11AX20MIMO_Ant2_2412

11AX20MIMO_Ant1_2417



11AX20MIMO_Ant2_2417

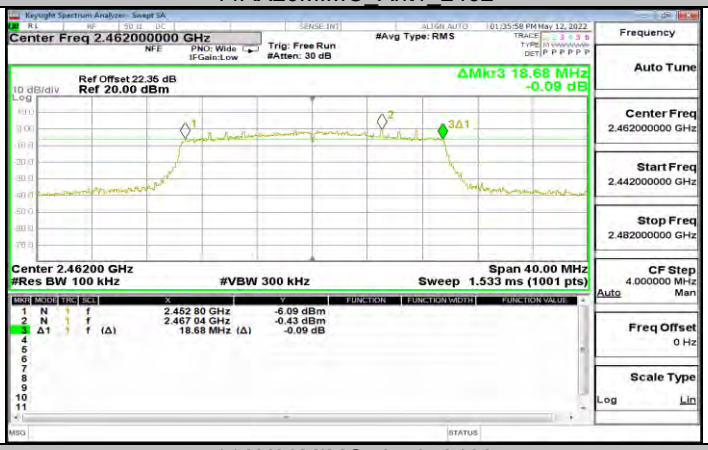
11AX20MIMO_Ant1_2437

11AX20MIMO_Ant2_2437

11AX20MIMO_Ant1_2457

11AX20MIMO_Ant2_2457

11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462

11AX40MIMO_Ant1_2422

11AX40MIMO_Ant2_2422

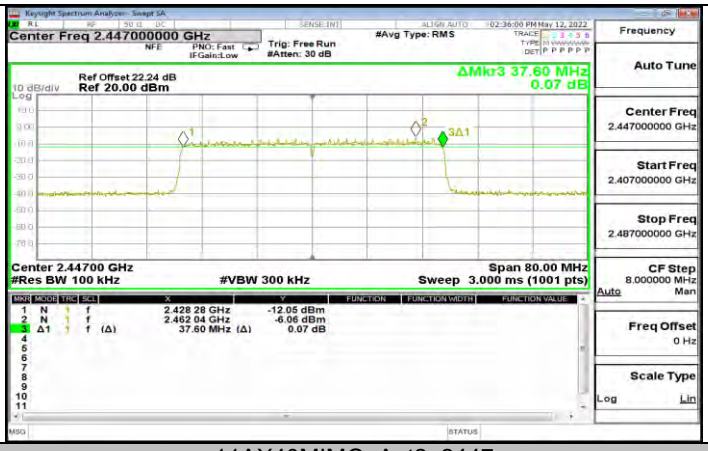
11AX40MIMO_Ant1_2427

11AX40MIMO_Ant2_2427

11AX40MIMO_Ant1_2437

11AX40MIMO_Ant2_2437

11AX40MIMO_Ant1_2447



11AX40MIMO_Ant2_2447

11AX40MIMO_Ant1_2452

11AX40MIMO_Ant2_2452

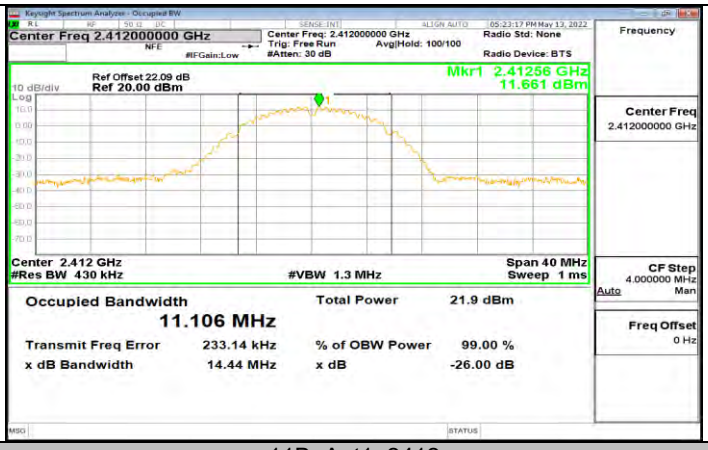
11.2. Appendix B: Occupied Channel Bandwidth

11.2.1. Test Result

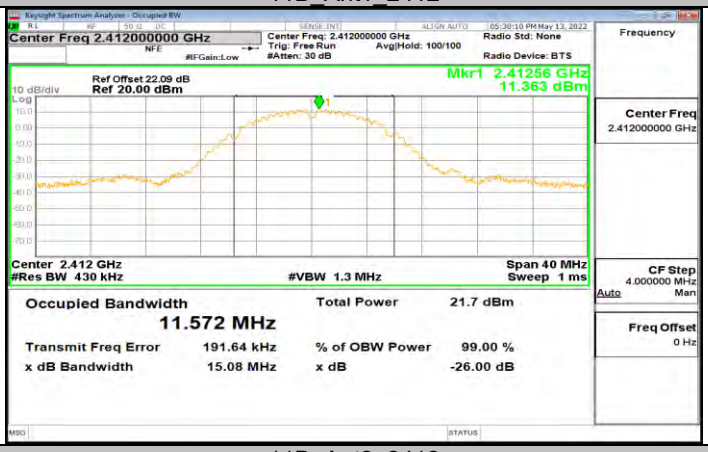
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant1	2412	11.106	2406.680	2417.786	PASS
	Ant2	2412	11.572	2406.406	2417.978	PASS
	Ant1	2417	11.392	2411.563	2422.955	PASS
	Ant2	2417	11.580	2411.454	2423.034	PASS
	Ant1	2437	11.315	2431.592	2442.907	PASS
	Ant2	2437	11.614	2431.404	2443.018	PASS
	Ant1	2457	11.220	2451.710	2462.930	PASS
	Ant2	2457	11.477	2451.575	2463.052	PASS
	Ant1	2462	11.319	2456.574	2467.893	PASS
	Ant2	2462	11.740	2456.331	2468.071	PASS
11G	Ant1	2412	17.404	2403.497	2420.901	PASS
	Ant2	2412	17.487	2403.442	2420.929	PASS
	Ant1	2417	17.546	2408.447	2425.993	PASS
	Ant2	2417	17.454	2408.484	2425.938	PASS
	Ant1	2437	17.386	2428.459	2445.845	PASS
	Ant2	2437	17.239	2428.509	2445.748	PASS
	Ant1	2457	17.163	2448.504	2465.667	PASS
	Ant2	2457	17.207	2448.502	2465.709	PASS
	Ant1	2462	17.133	2453.510	2470.643	PASS
	Ant2	2462	17.173	2453.542	2470.715	PASS
11N20MIMO	Ant1	2412	18.273	2402.983	2421.256	PASS
	Ant2	2412	18.086	2403.096	2421.182	PASS
	Ant1	2417	18.317	2407.965	2426.282	PASS
	Ant2	2417	18.027	2408.100	2426.127	PASS
	Ant1	2437	18.362	2427.964	2446.326	PASS
	Ant2	2437	18.147	2428.083	2446.230	PASS
	Ant1	2457	18.170	2448.033	2466.203	PASS
	Ant2	2457	17.979	2448.107	2466.086	PASS
	Ant1	2462	18.210	2452.989	2471.199	PASS
	Ant2	2462	18.033	2453.071	2471.104	PASS
11N40MIMO	Ant1	2422	36.556	2403.881	2440.437	PASS
	Ant2	2422	36.492	2403.917	2440.409	PASS
	Ant1	2427	36.533	2408.959	2445.492	PASS
	Ant2	2427	36.540	2408.915	2445.455	PASS
	Ant1	2437	36.926	2418.851	2455.777	PASS
	Ant2	2437	36.712	2418.888	2455.600	PASS
	Ant1	2447	36.574	2428.919	2465.493	PASS
	Ant2	2447	36.547	2428.857	2465.404	PASS
	Ant1	2452	36.605	2433.918	2470.523	PASS
	Ant2	2452	36.464	2433.947	2470.411	PASS
11AX20MIMO	Ant1	2412	19.007	2402.564	2421.571	PASS
	Ant2	2412	18.992	2402.603	2421.595	PASS
	Ant1	2417	19.036	2407.575	2426.611	PASS
	Ant2	2417	18.970	2407.607	2426.577	PASS
	Ant1	2437	19.067	2427.564	2446.631	PASS
	Ant2	2437	19.051	2427.610	2446.661	PASS
	Ant1	2457	19.030	2447.593	2466.623	PASS
	Ant2	2457	19.017	2447.583	2466.600	PASS
	Ant1	2462	18.954	2452.613	2471.567	PASS
	Ant2	2462	19.052	2452.539	2471.591	PASS
11AX40MIMO	Ant1	2422	37.702	2403.289	2440.991	PASS
	Ant2	2422	37.695	2403.268	2440.963	PASS

	Ant1	2427	37.595	2408.406	2446.001	PASS
	Ant2	2427	37.669	2408.343	2446.012	PASS
	Ant1	2437	37.831	2418.310	2456.141	PASS
	Ant2	2437	37.754	2418.338	2456.092	PASS
	Ant1	2447	37.626	2428.342	2465.968	PASS
	Ant2	2447	37.733	2428.320	2466.053	PASS
	Ant1	2452	37.757	2433.320	2471.077	PASS
	Ant2	2452	37.773	2433.262	2471.035	PASS

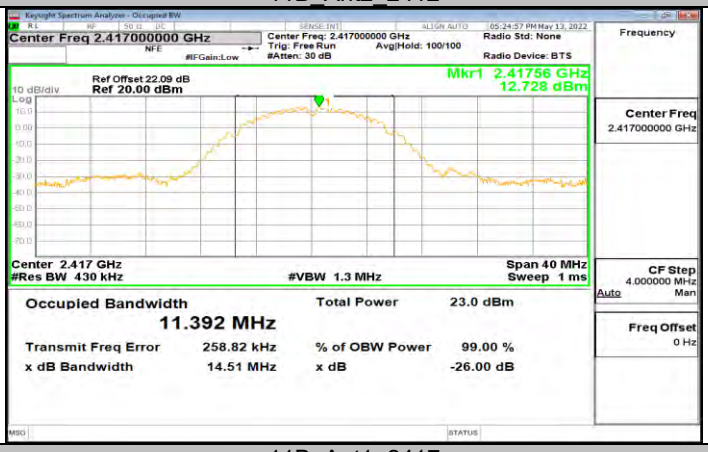
11.2.2. Test Graphs



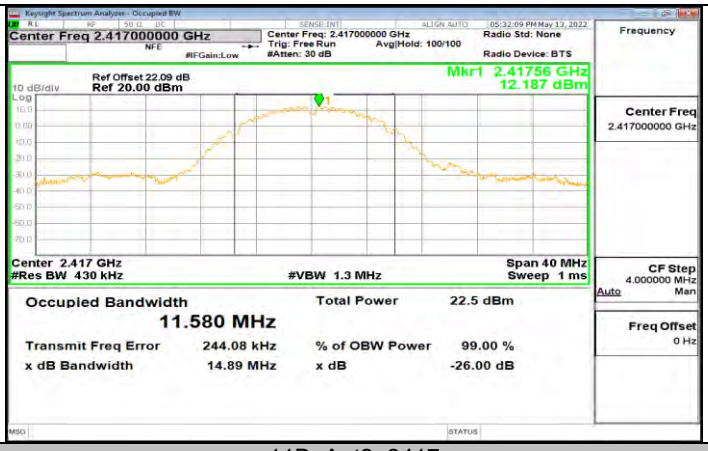
11B_Ant1_2412



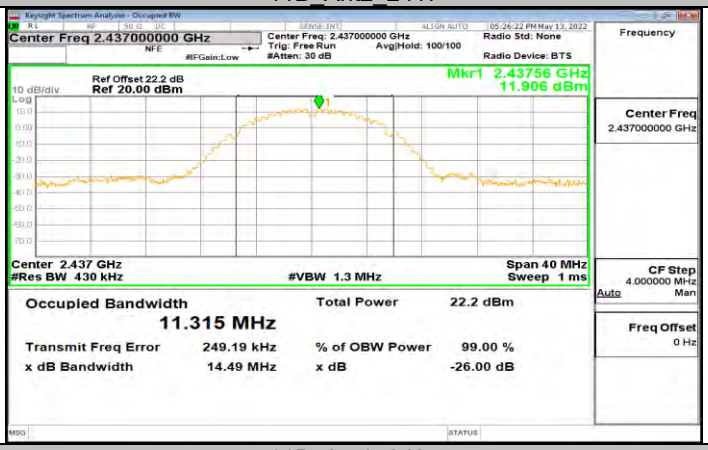
11B_Ant2_2412



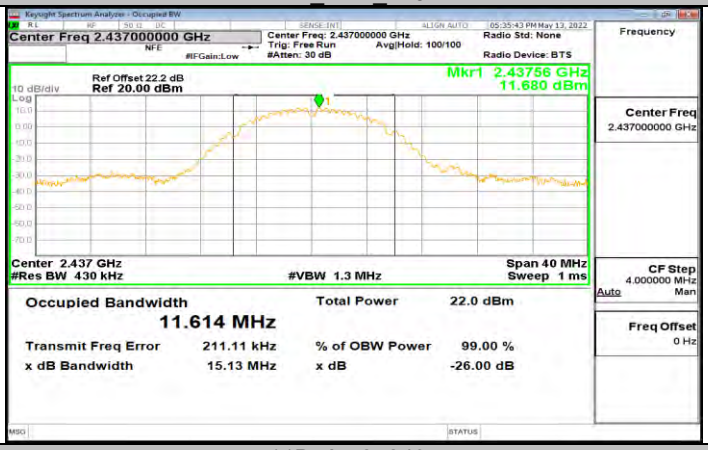
11B_Ant1_2417



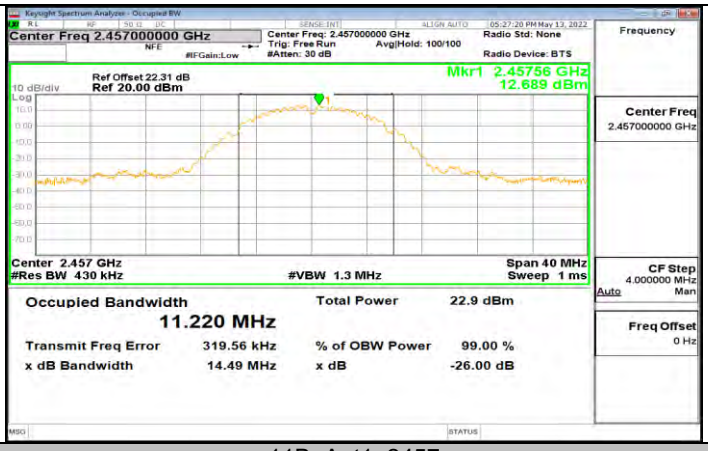
11B_Ant2_2417



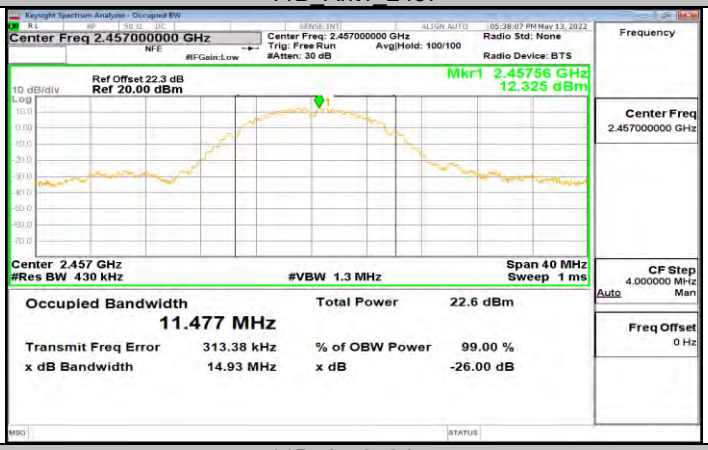
11B_Ant1_2437



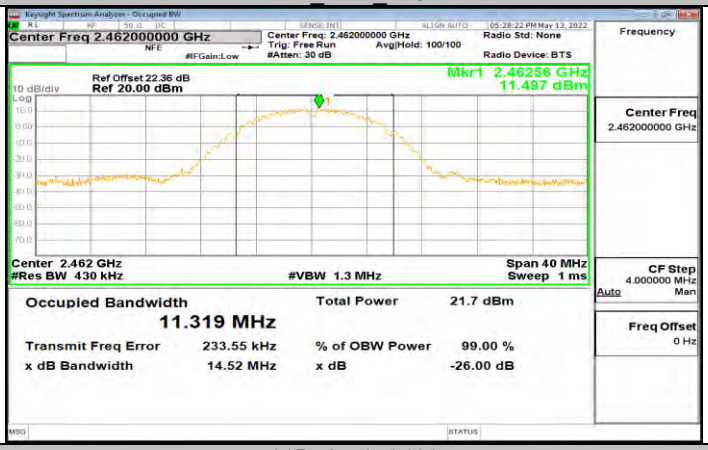
11B_Ant2_2437



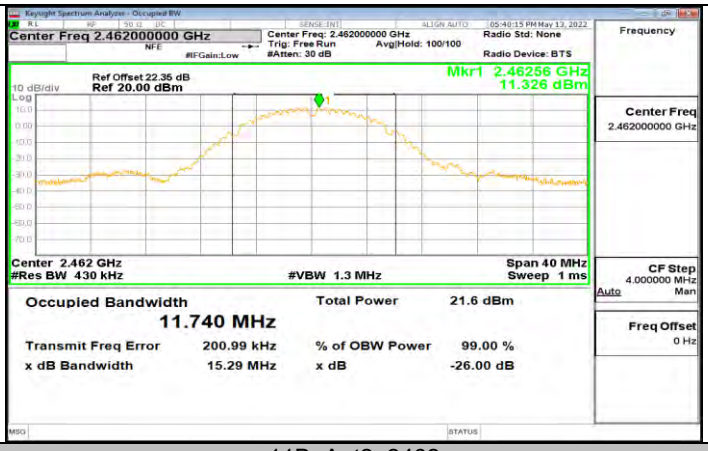
11B_Ant1_2457



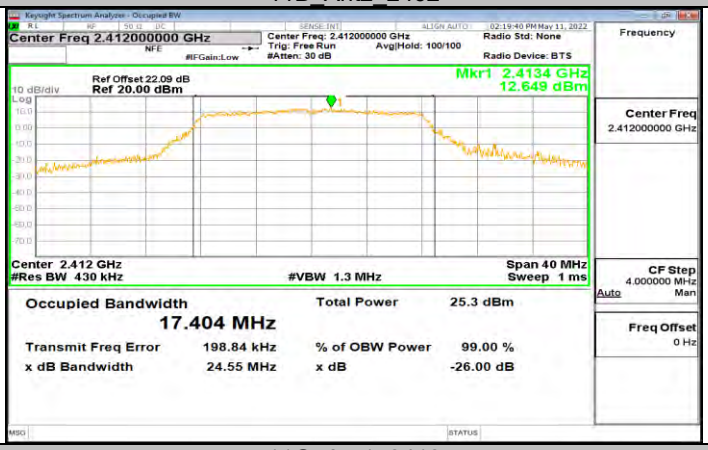
11B_Ant2_2457



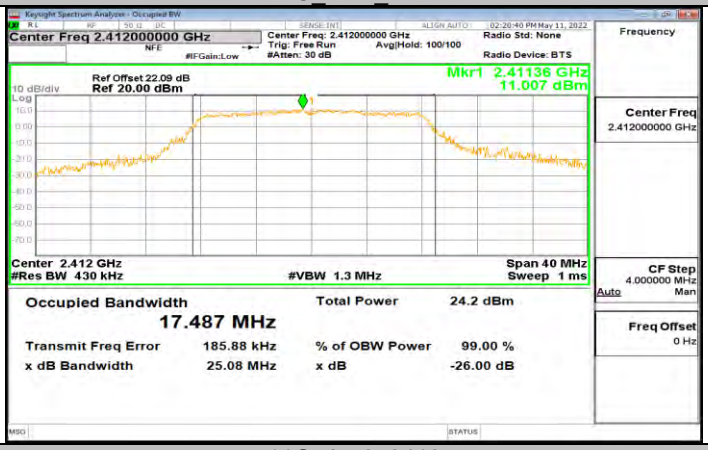
11B_Ant1_2462



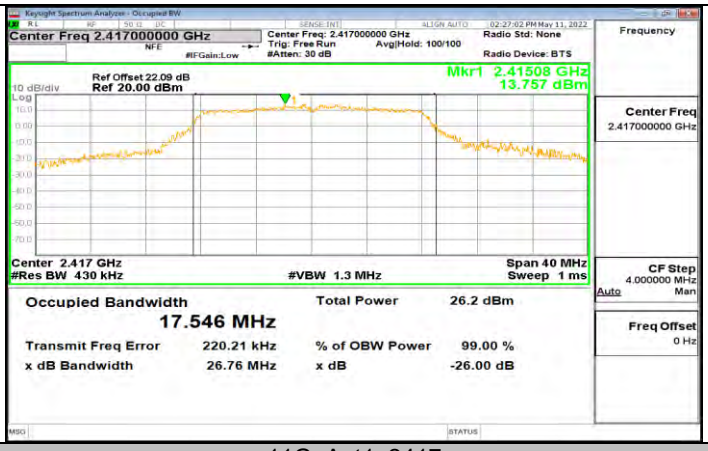
11B_Ant2_2462



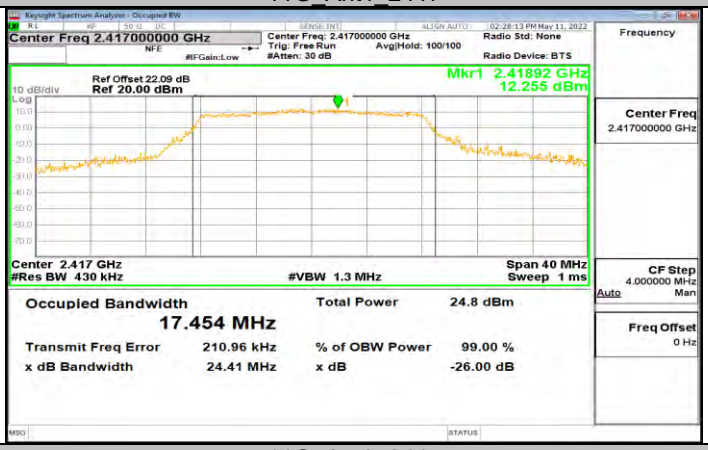
11G_Ant1_2412



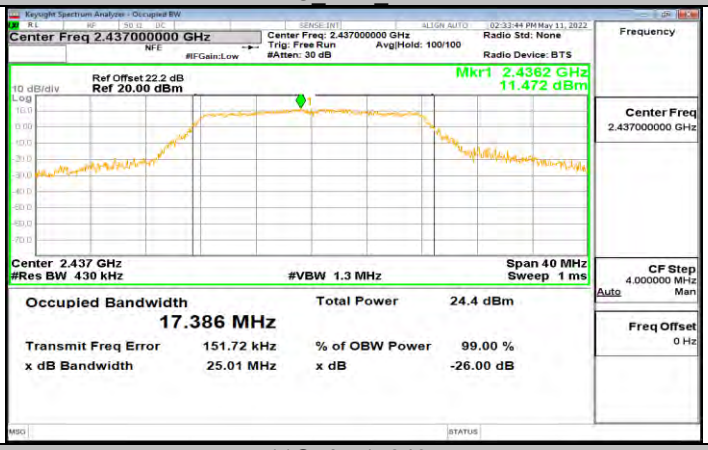
11G_Ant2_2412



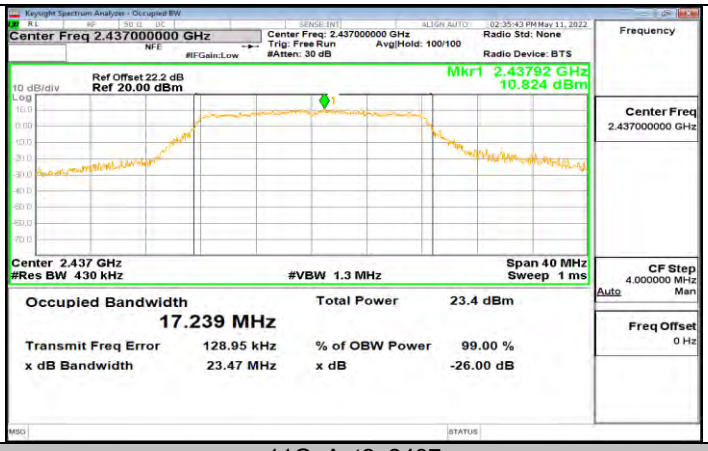
11G_Ant1_2417



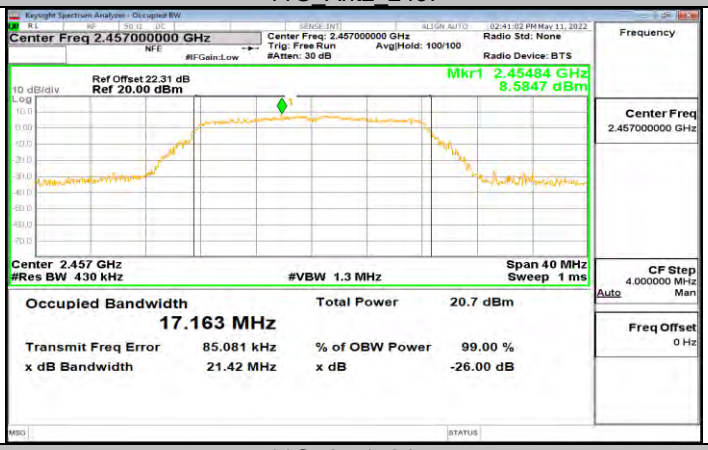
11G_Ant2_2417



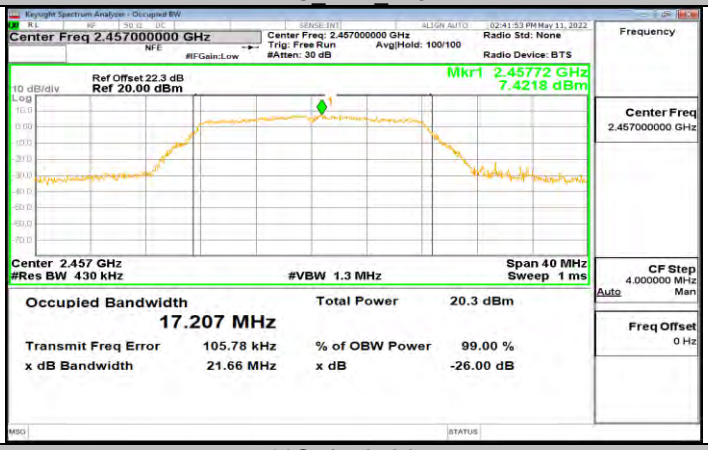
11G_Ant1_2437



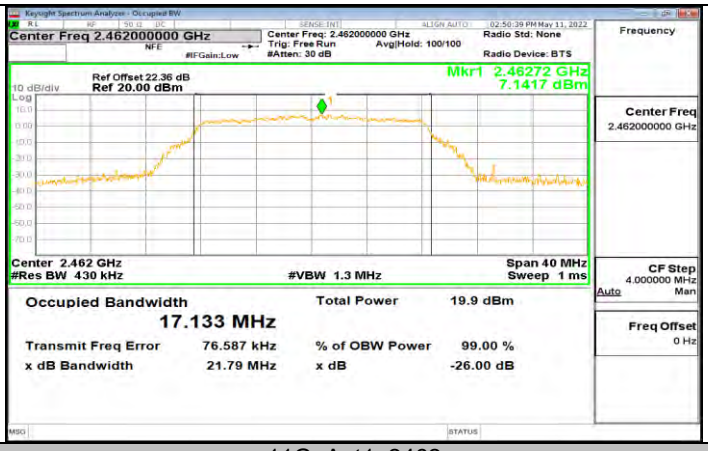
11G_Ant2_2437



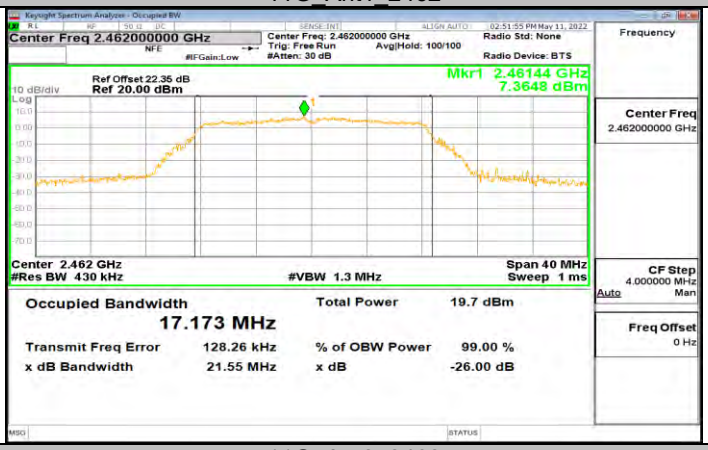
11G_Ant1_2457



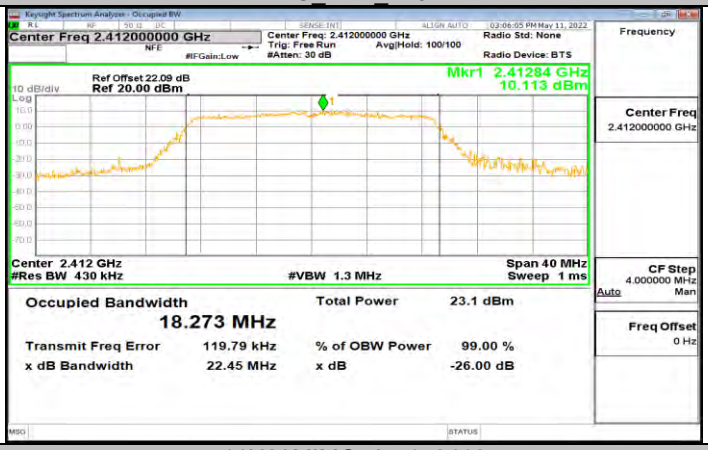
11G_Ant2_2457



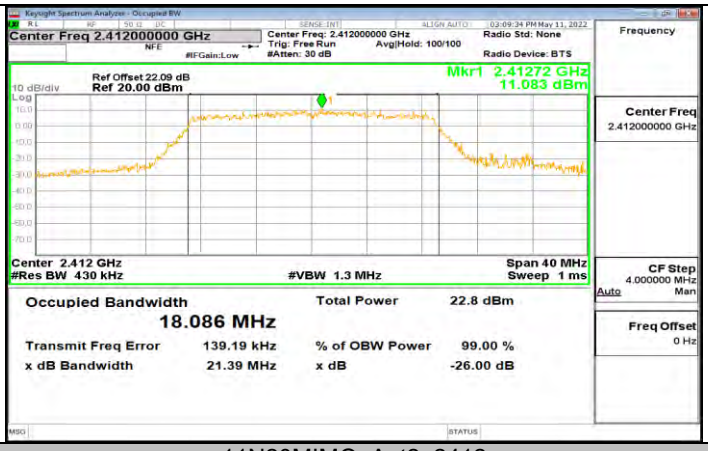
11G_Ant1_2462



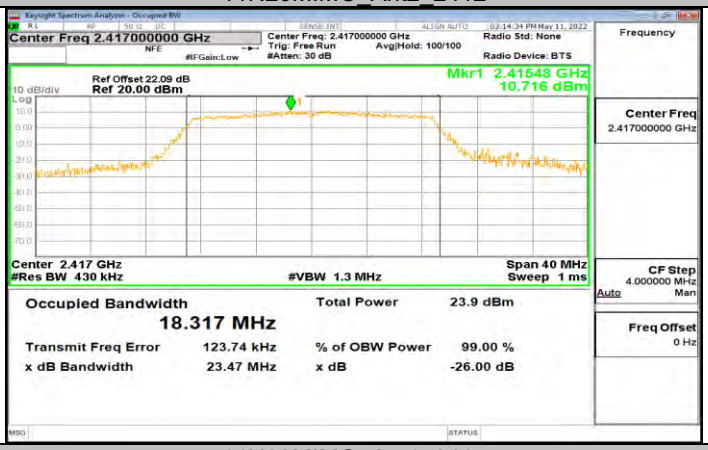
11G_Ant2_2462



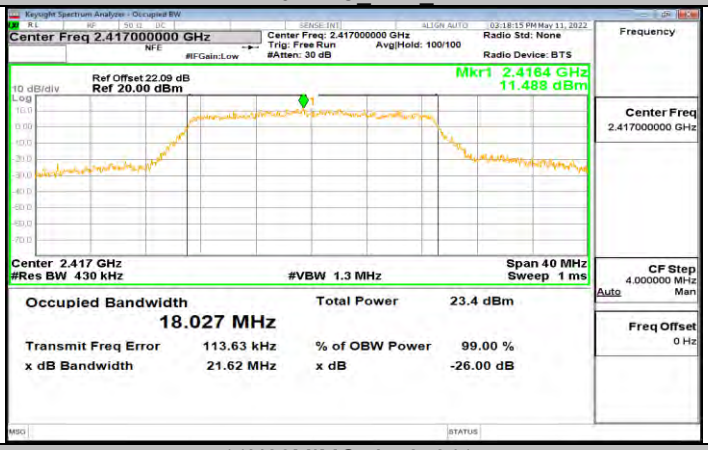
11N20MIMO_Ant1_2412



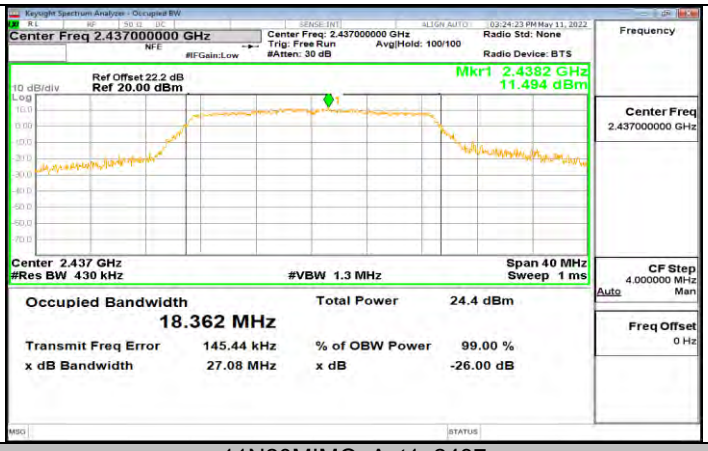
11N20MIMO_Ant2_2412



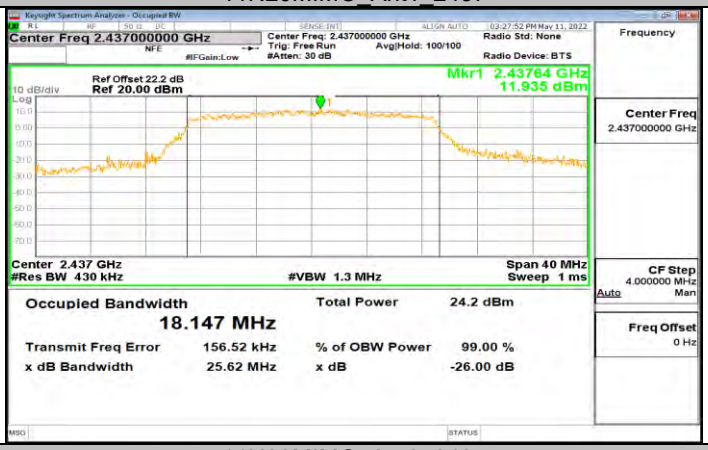
11N20MIMO_Ant1_2417



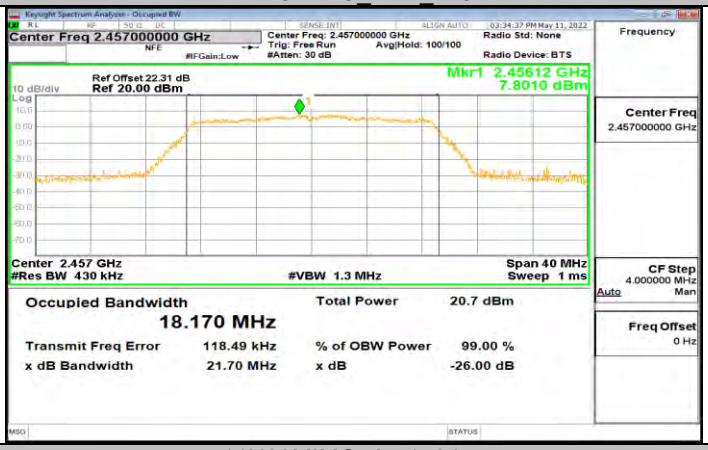
11N20MIMO_Ant2_2417



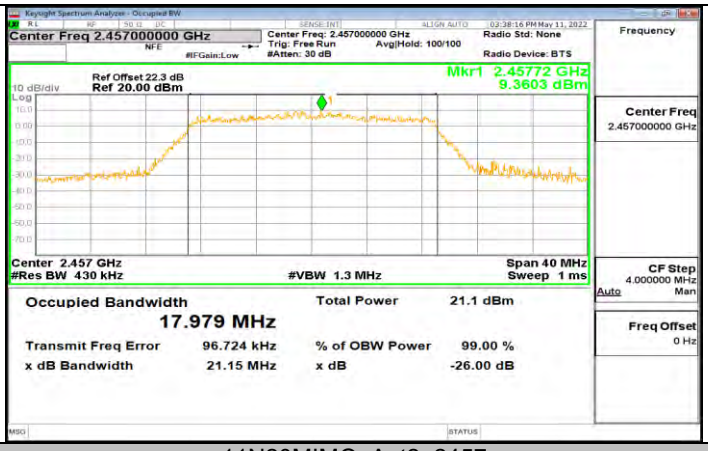
11N20MIMO_Ant1_2437



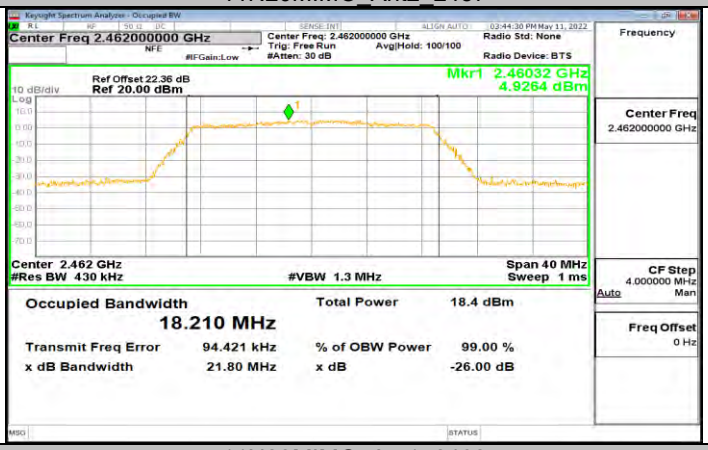
11N20MIMO_Ant2_2437



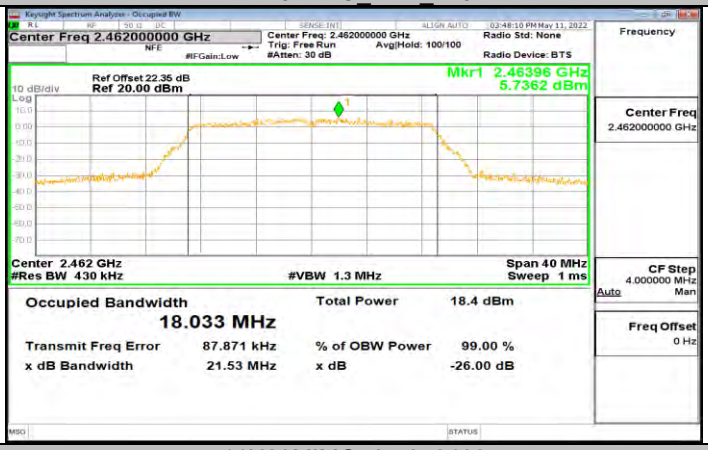
11N20MIMO_Ant1_2457



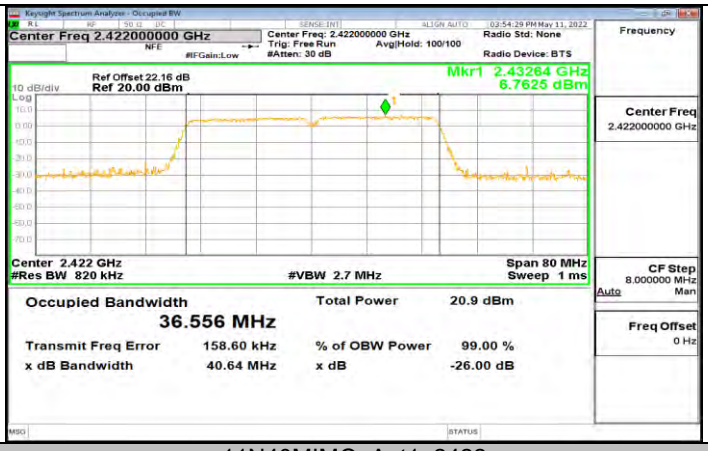
11N20MIMO_Ant2_2457



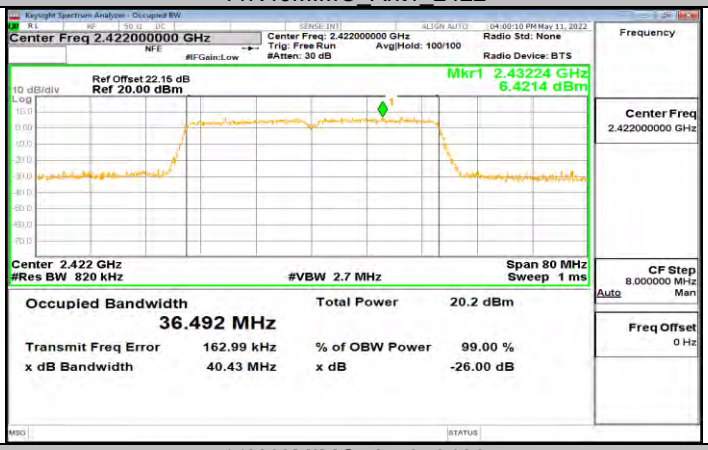
11N20MIMO_Ant1_2462



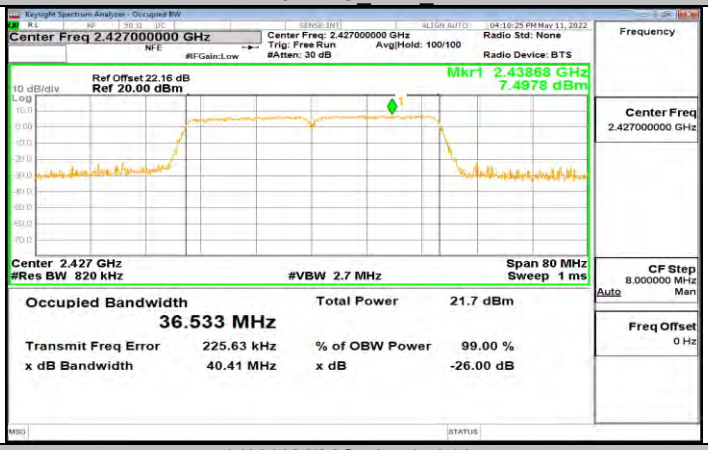
11N20MIMO_Ant2_2462



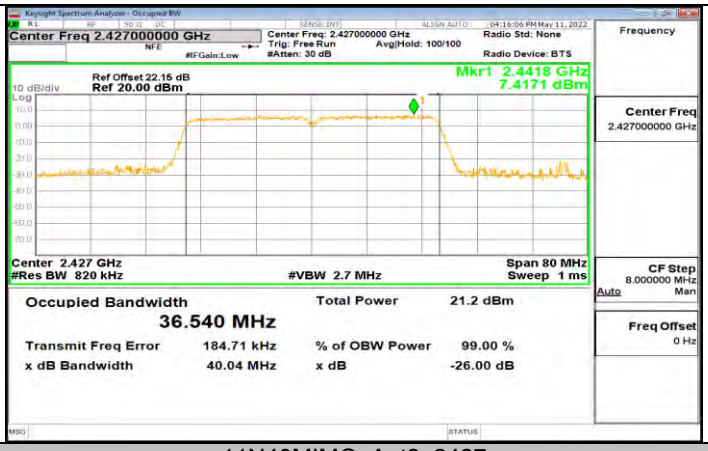
11N40MIMO_Ant1_2422



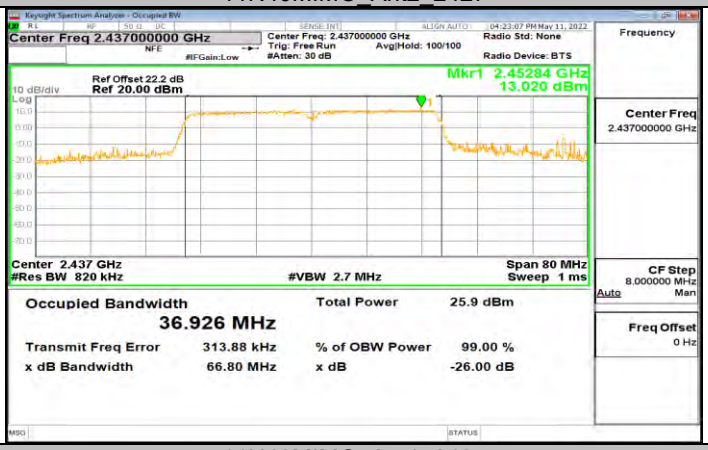
11N40MIMO_Ant2_2422



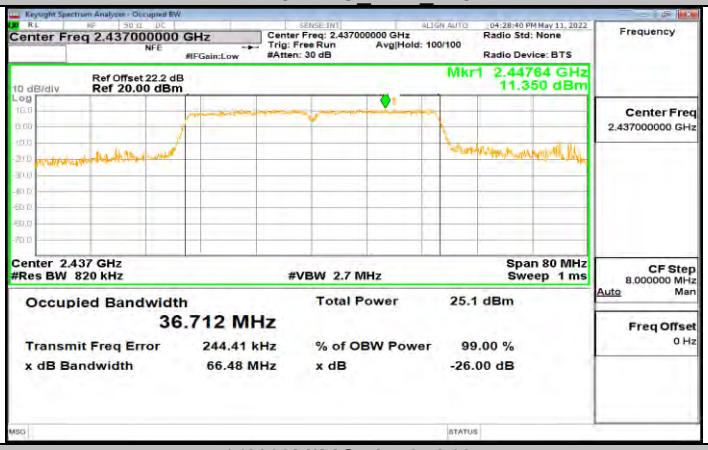
11N40MIMO_Ant1_2427



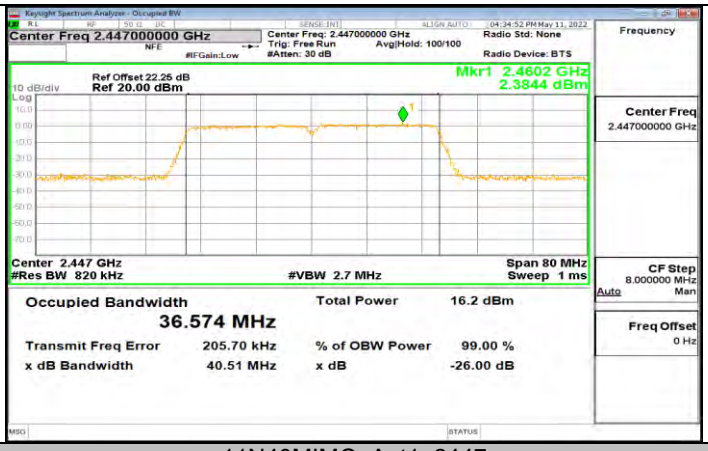
11N40MIMO_Ant2_2427



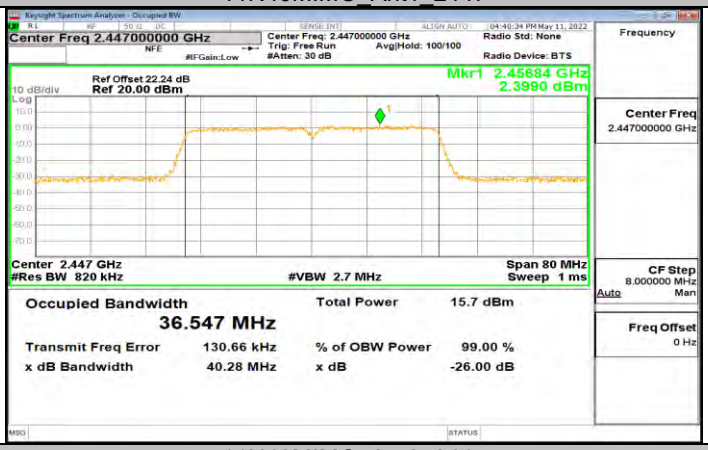
11N40MIMO_Ant1_2437



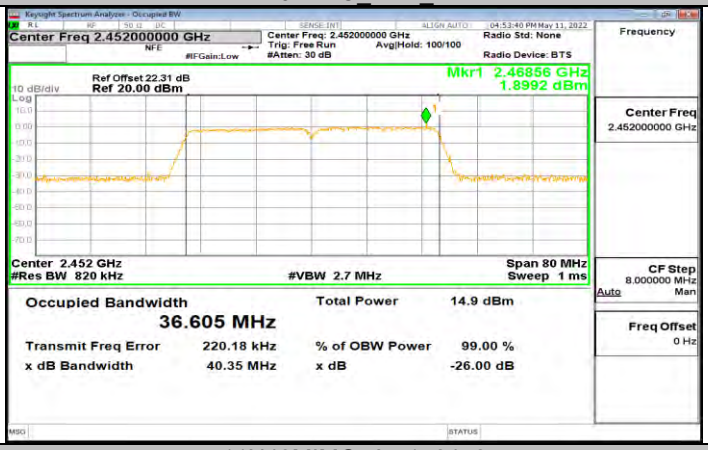
11N40MIMO_Ant2_2437



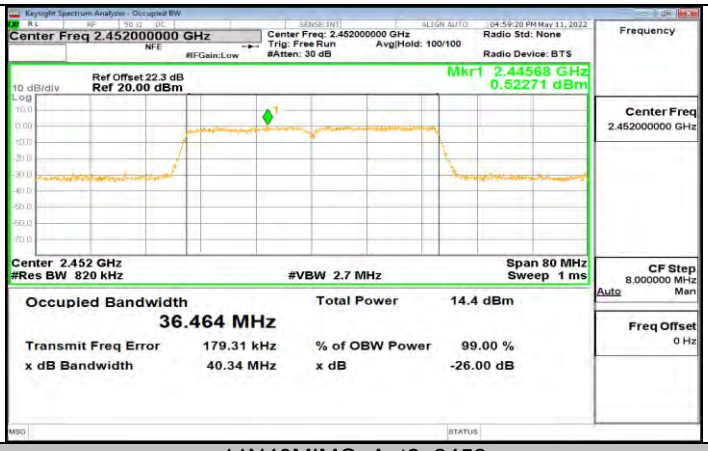
11N40MIMO_Ant1_2447



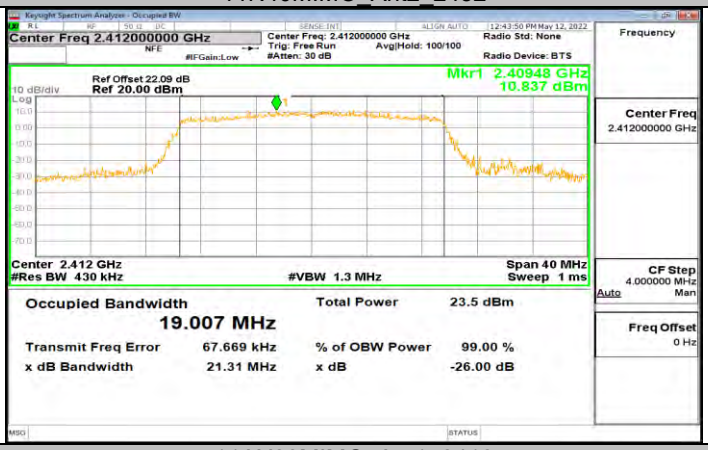
11N40MIMO_Ant2_2447



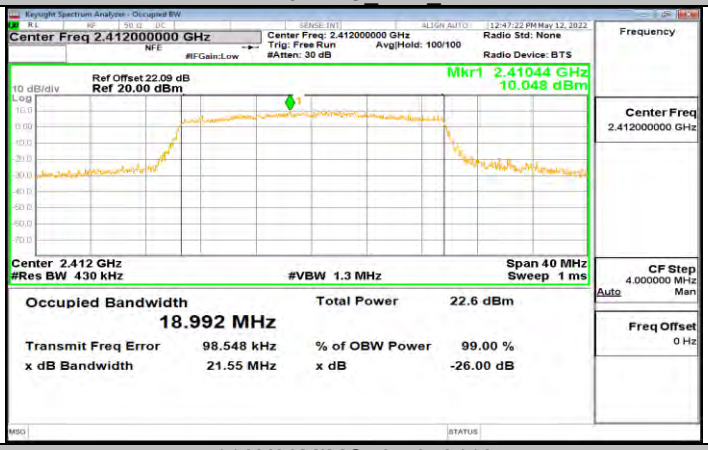
11N40MIMO_Ant1_2452



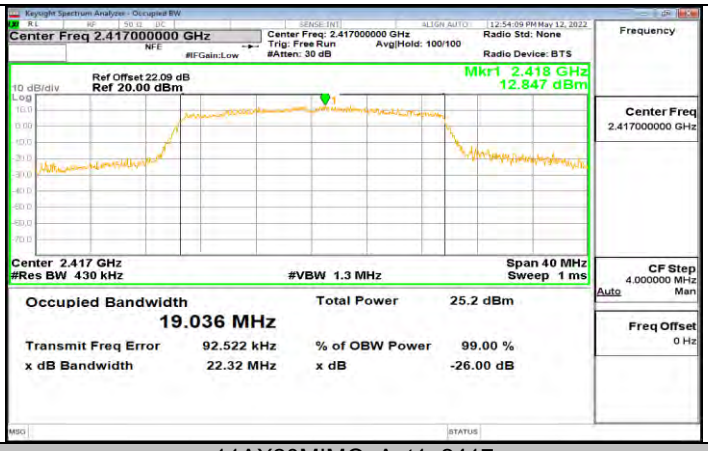
11N40MIMO_Ant2_2452



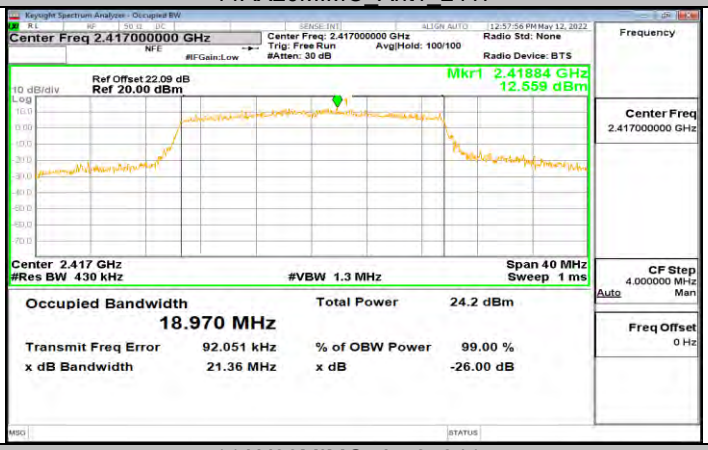
11AX20MIMO_Ant1_2412



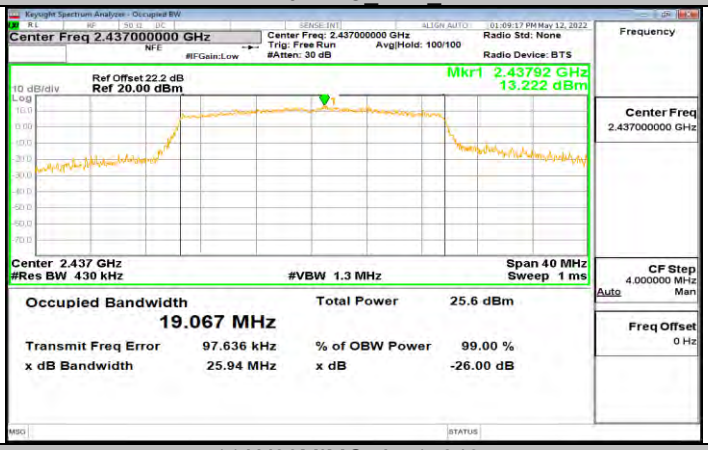
11AX20MIMO_Ant2_2412



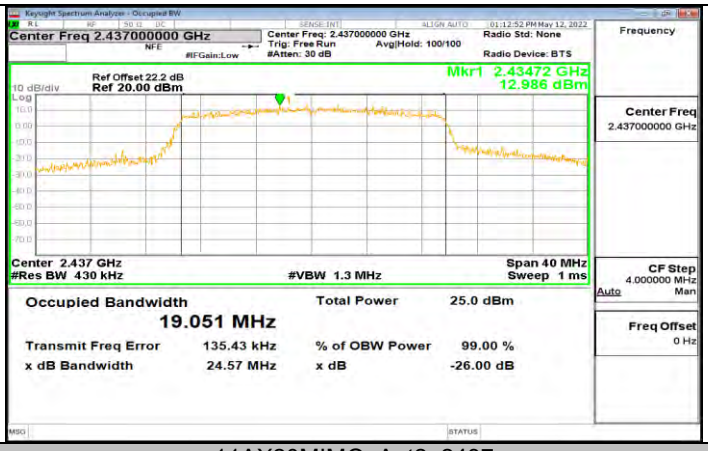
11AX20MIMO_Ant1_2417



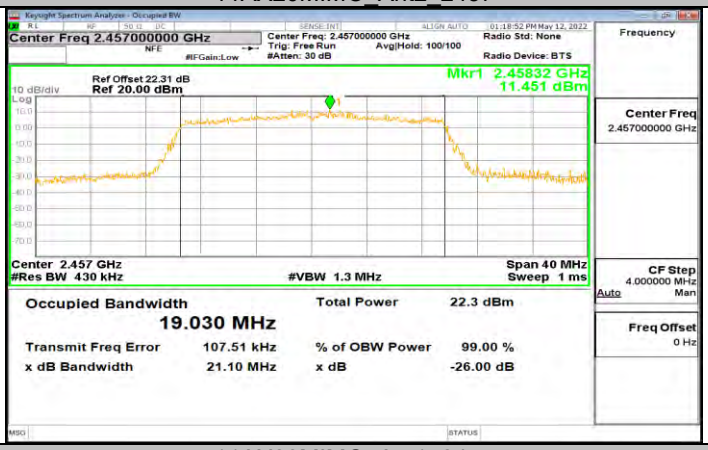
11AX20MIMO_Ant2_2417



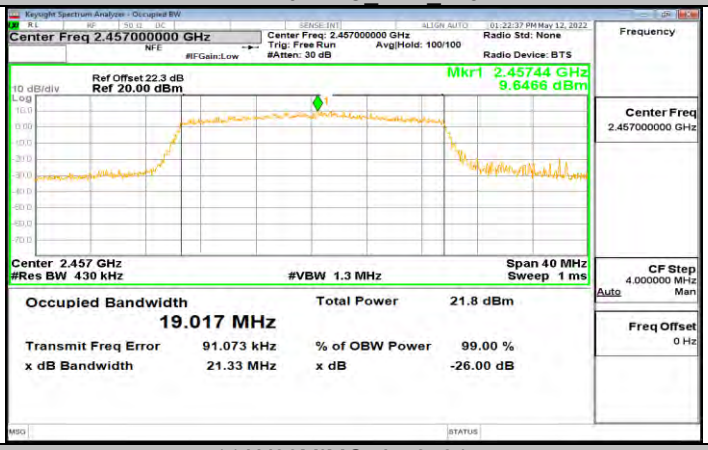
11AX20MIMO_Ant1_2437



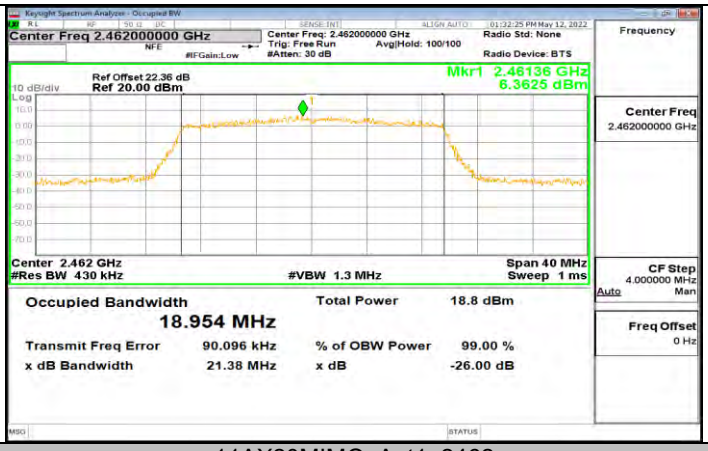
11AX20MIMO_Ant2_2437



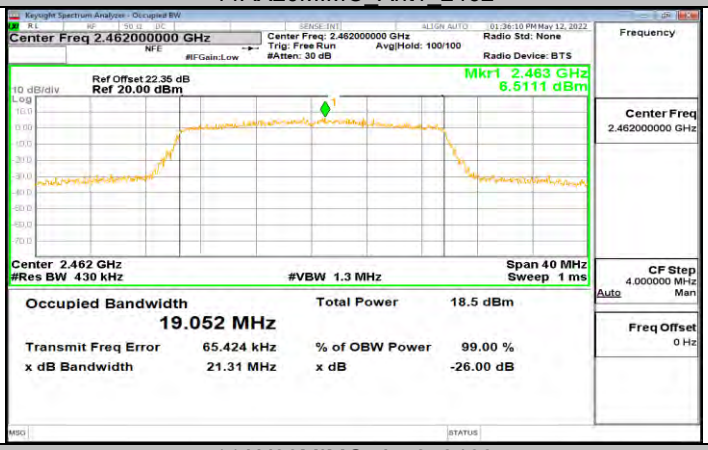
11AX20MIMO_Ant1_2457



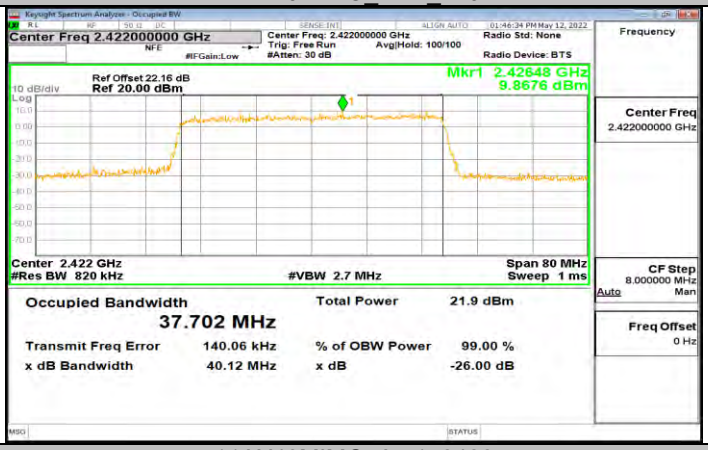
11AX20MIMO_Ant2_2457



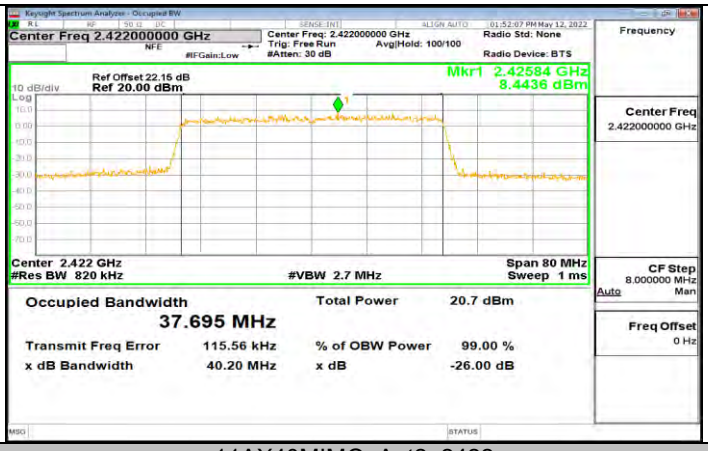
11AX20MIMO_Ant1_2462



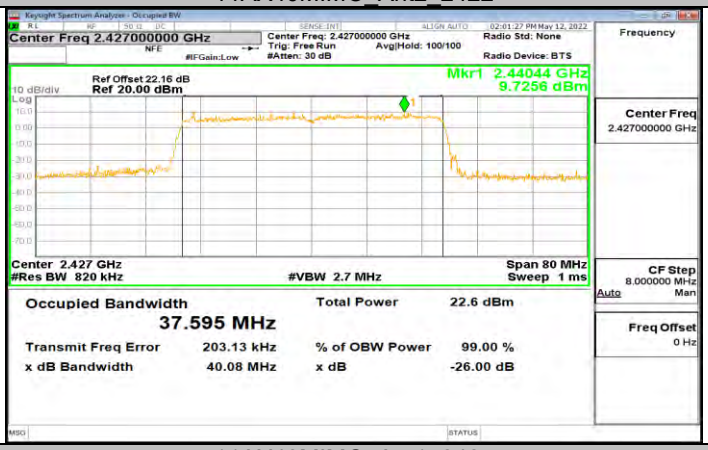
11AX20MIMO_Ant2_2462



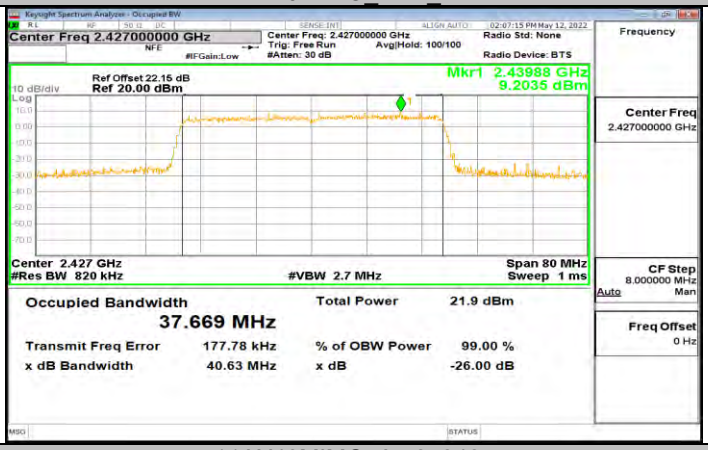
11AX40MIMO_Ant1_2422



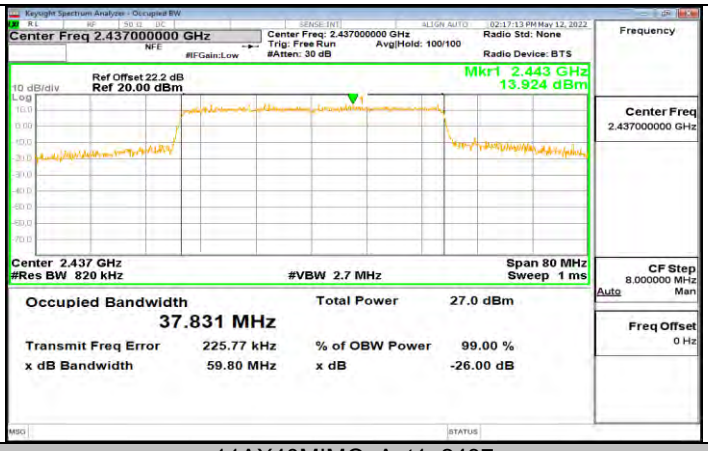
11AX40MIMO_Ant2_2422



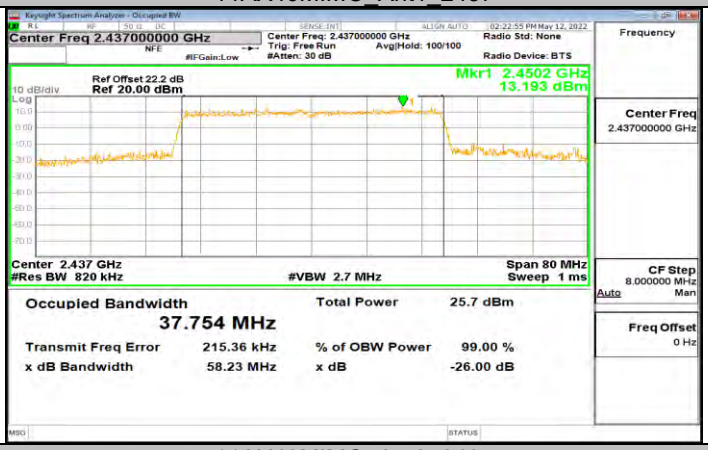
11AX40MIMO_Ant1_2427



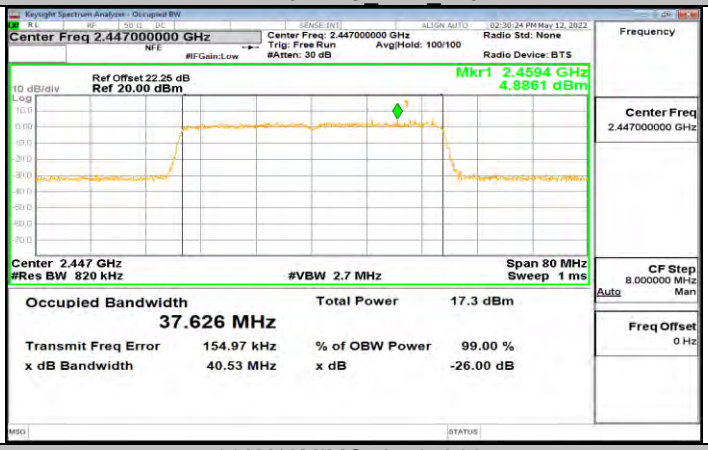
11AX40MIMO_Ant2_2427



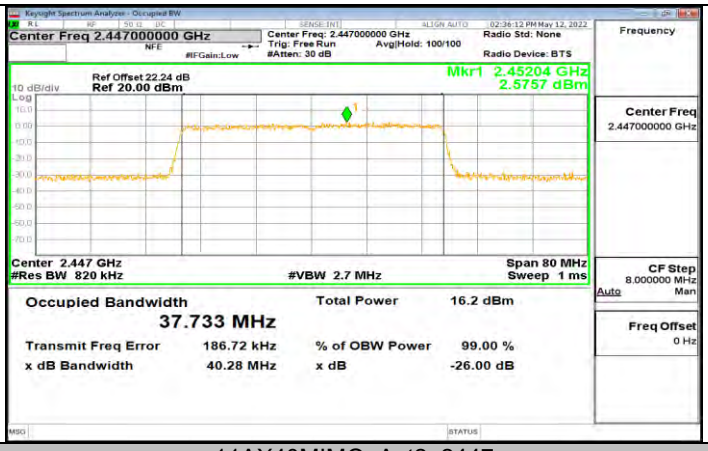
11AX40MIMO_Ant1_2437



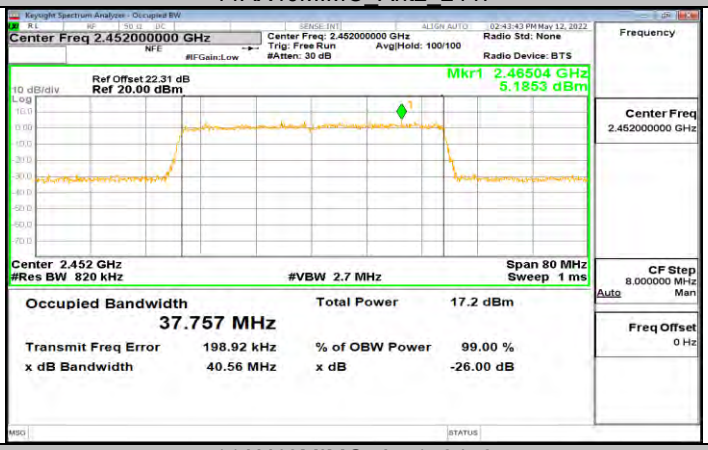
11AX40MIMO_Ant2_2437



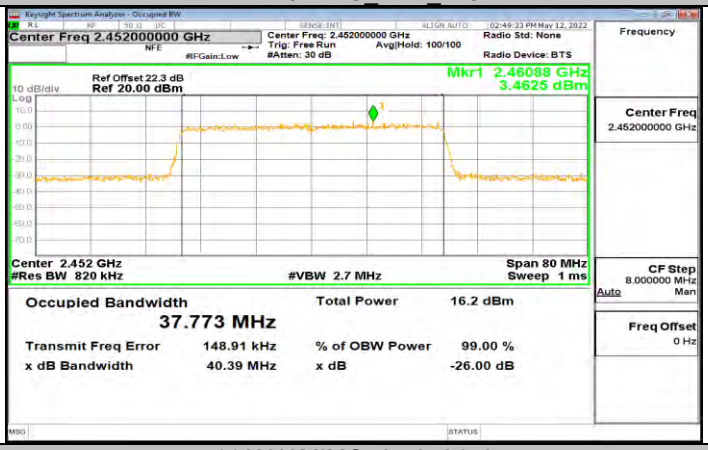
11AX40MIMO_Ant1_2447



11AX40MIMO_Ant2_2447



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	19.05	≤30.00	PASS
	Ant2	2412	18.54	≤30.00	PASS
	Ant1	2417	19.25	≤30.00	PASS
	Ant2	2417	19.07	≤30.00	PASS
	Ant1	2437	19.31	≤30.00	PASS
	Ant2	2437	19.10	≤30.00	PASS
	Ant1	2457	19.27	≤30.00	PASS
	Ant2	2457	19.04	≤30.00	PASS
	Ant1	2462	18.83	≤30.00	PASS
	Ant2	2462	18.73	≤30.00	PASS
11G	Ant1	2412	19.27	≤30.00	PASS
	Ant2	2412	18.18	≤30.00	PASS
	Ant1	2417	18.35	≤30.00	PASS
	Ant2	2417	17.39	≤30.00	PASS
	Ant1	2437	18.27	≤30.00	PASS
	Ant2	2437	17.43	≤30.00	PASS
	Ant1	2457	14.73	≤30.00	PASS
	Ant2	2457	14.23	≤30.00	PASS
	Ant1	2462	14.00	≤30.00	PASS
	Ant2	2462	13.75	≤30.00	PASS
11N20MIMO	Ant1	2412	17.00	≤30.00	PASS
	Ant2	2412	16.24	≤30.00	PASS
	total	2412	19.65	≤30.00	PASS
	Ant1	2417	17.86	≤30.00	PASS
	Ant2	2417	16.76	≤30.00	PASS
	total	2417	20.36	≤30.00	PASS
	Ant1	2437	18.33	≤30.00	PASS
	Ant2	2437	17.59	≤30.00	PASS
	total	2437	20.99	≤30.00	PASS
	Ant1	2457	14.68	≤30.00	PASS
	Ant2	2457	14.27	≤30.00	PASS
	total	2457	17.49	≤30.00	PASS
	Ant1	2462	12.35	≤30.00	PASS
	Ant2	2462	11.98	≤30.00	PASS
	total	2462	15.18	≤30.00	PASS
11N40MIMO	Ant1	2422	14.02	≤30.00	PASS
	Ant2	2422	12.73	≤30.00	PASS
	total	2422	16.43	≤30.00	PASS
	Ant1	2427	14.78	≤30.00	PASS
	Ant2	2427	13.79	≤30.00	PASS
	total	2427	17.32	≤30.00	PASS
	Ant1	2437	14.40	≤30.00	PASS
	Ant2	2437	13.69	≤30.00	PASS
	total	2437	17.07	≤30.00	PASS
	Ant1	2447	9.39	≤30.00	PASS
	Ant2	2447	8.32	≤30.00	PASS
	total	2447	11.90	≤30.00	PASS
	Ant1	2452	8.02	≤30.00	PASS
	Ant2	2452	6.99	≤30.00	PASS
	total	2452	10.55	≤30.00	PASS
11AX20MIMO	Ant1	2412	16.45	≤30.00	PASS
	Ant2	2412	15.44	≤30.00	PASS
	total	2412	18.98	≤30.00	PASS
	Ant1	2417	18.00	≤30.00	PASS

	Ant2	2417	16.93	≤30.00	PASS
	total	2417	20.51	≤30.00	PASS
	Ant1	2437	18.58	≤30.00	PASS
	Ant2	2437	17.78	≤30.00	PASS
	total	2437	21.21	≤30.00	PASS
	Ant1	2457	15.04	≤30.00	PASS
	Ant2	2457	14.66	≤30.00	PASS
	total	2457	17.86	≤30.00	PASS
	Ant1	2462	11.70	≤30.00	PASS
	Ant2	2462	11.30	≤30.00	PASS
	total	2462	14.51	≤30.00	PASS
11AX40MIMO	Ant1	2422	14.13	≤30.00	PASS
	Ant2	2422	12.00	≤30.00	PASS
	total	2422	16.40	≤30.00	PASS
	Ant1	2427	15.00	≤30.00	PASS
	Ant2	2427	14.14	≤30.00	PASS
	total	2427	17.60	≤30.00	PASS
	Ant1	2437	14.79	≤30.00	PASS
	Ant2	2437	13.80	≤30.00	PASS
	total	2437	17.33	≤30.00	PASS
	Ant1	2447	9.64	≤30.00	PASS
	Ant2	2447	8.37	≤30.00	PASS
	total	2447	12.06	≤30.00	PASS
	Ant1	2452	9.64	≤30.00	PASS
	Ant2	2452	8.57	≤30.00	PASS
	total	2452	12.15	≤30.00	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

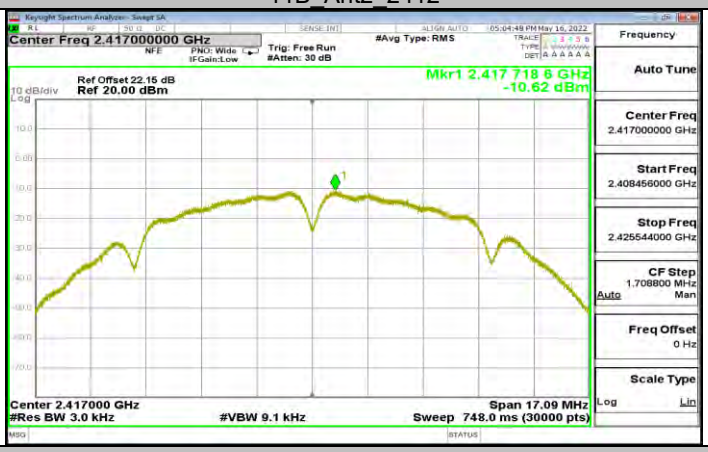
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.70	≤8.00	PASS
	Ant2	2412	-11.99	≤8.00	PASS
	Ant1	2417	-10.62	≤8.00	PASS
	Ant2	2417	-10.68	≤8.00	PASS
	Ant1	2437	-11.04	≤8.00	PASS
	Ant2	2437	-11.36	≤8.00	PASS
	Ant1	2457	-10.42	≤8.00	PASS
	Ant2	2457	-10.43	≤8.00	PASS
	Ant1	2462	-11.33	≤8.00	PASS
	Ant2	2462	-11.37	≤8.00	PASS
11G	Ant1	2412	-10.41	≤8.00	PASS
	Ant2	2412	-12.40	≤8.00	PASS
	Ant1	2417	-10.80	≤8.00	PASS
	Ant2	2417	-12.03	≤8.00	PASS
	Ant1	2437	-12.09	≤8.00	PASS
	Ant2	2437	-12.91	≤8.00	PASS
	Ant1	2457	-15.13	≤8.00	PASS
	Ant2	2457	-15.95	≤8.00	PASS
	Ant1	2462	-16.46	≤8.00	PASS
	Ant2	2462	-16.22	≤8.00	PASS
11N20MIMO	Ant1	2412	-16.12	≤8.00	PASS
	Ant2	2412	-16.8	≤8.00	PASS
	total	2412	-13.44	≤8.00	PASS
	Ant1	2417	-15.23	≤8.00	PASS
	Ant2	2417	-15.95	≤8.00	PASS
	total	2417	-12.56	≤8.00	PASS
	Ant1	2437	-14.49	≤8.00	PASS
	Ant2	2437	-14.93	≤8.00	PASS
	total	2437	-11.69	≤8.00	PASS
	Ant1	2457	-18.2	≤8.00	PASS
	Ant2	2457	-18.51	≤8.00	PASS
	total	2457	-15.34	≤8.00	PASS
	Ant1	2462	-20.38	≤8.00	PASS
	Ant2	2462	-20.71	≤8.00	PASS
	total	2462	-17.53	≤8.00	PASS
11N40MIMO	Ant1	2422	-20.89	≤8.00	PASS
	Ant2	2422	-22.32	≤8.00	PASS
	total	2422	-18.54	≤8.00	PASS
	Ant1	2427	-20.51	≤8.00	PASS
	Ant2	2427	-20.84	≤8.00	PASS
	total	2427	-17.66	≤8.00	PASS
	Ant1	2437	-20.86	≤8.00	PASS
	Ant2	2437	-20.58	≤8.00	PASS
	total	2437	-17.71	≤8.00	PASS
	Ant1	2447	-25.32	≤8.00	PASS
	Ant2	2447	-26.48	≤8.00	PASS
	total	2447	-22.85	≤8.00	PASS
	Ant1	2452	-26.64	≤8.00	PASS
	Ant2	2452	-28.19	≤8.00	PASS
	total	2452	-24.34	≤8.00	PASS
11AX20MIMO	Ant1	2412	-16.04	≤8.00	PASS
	Ant2	2412	-16.27	≤8.00	PASS
	total	2412	-13.14	≤8.00	PASS
	Ant1	2417	-14.25	≤8.00	PASS

	Ant2	2417	-15.51	≤8.00	PASS
	total	2417	-11.82	≤8.00	PASS
	Ant1	2437	-13.56	≤8.00	PASS
	Ant2	2437	-14.43	≤8.00	PASS
	total	2437	-10.96	≤8.00	PASS
	Ant1	2457	-17.03	≤8.00	PASS
	Ant2	2457	-17.29	≤8.00	PASS
	total	2457	-14.15	≤8.00	PASS
	Ant1	2462	-19.81	≤8.00	PASS
	Ant2	2462	-20.57	≤8.00	PASS
	total	2462	-17.16	≤8.00	PASS
11AX40MIMO	Ant1	2422	-21.06	≤8.00	PASS
	Ant2	2422	-18.81	≤8.00	PASS
	total	2422	-16.78	≤8.00	PASS
	Ant1	2427	-21.1	≤8.00	PASS
	Ant2	2427	-18.55	≤8.00	PASS
	total	2427	-16.63	≤8.00	PASS
	Ant1	2437	-15.12	≤8.00	PASS
	Ant2	2437	-16.77	≤8.00	PASS
	total	2437	-12.86	≤8.00	PASS
	Ant1	2447	-26.41	≤8.00	PASS
	Ant2	2447	-25.85	≤8.00	PASS
	total	2447	-23.11	≤8.00	PASS
	Ant1	2452	-26.55	≤8.00	PASS
	Ant2	2452	-26.59	≤8.00	PASS
	total	2452	-23.56	≤8.00	PASS

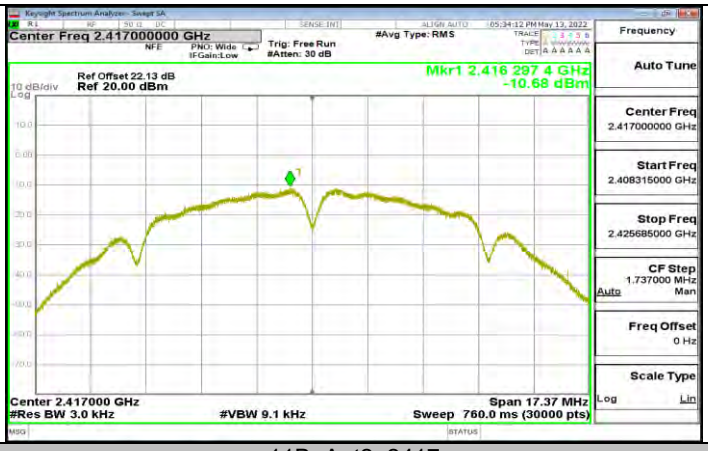
11.4.2. Test Graphs

11B_Ant1_2412

11B_Ant2_2412



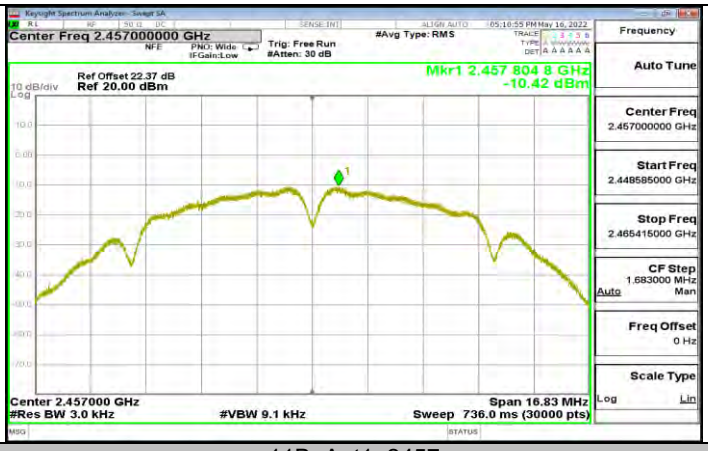
11B_Ant1_2417



11B_Ant2_2417

11B_Ant1_2437

11B_Ant2_2437

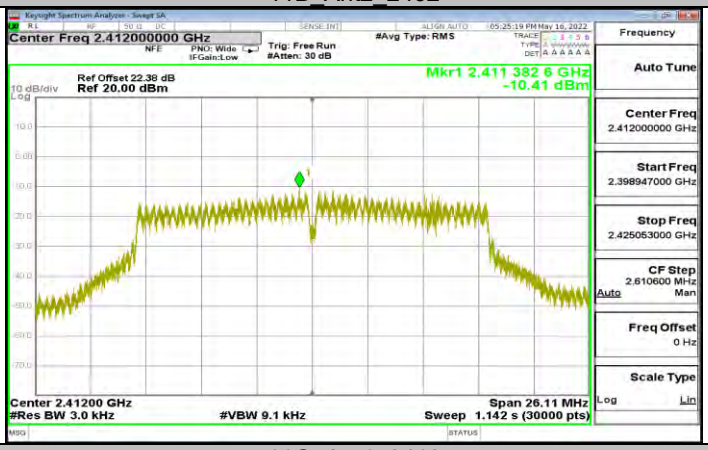


11B_Ant1_2457

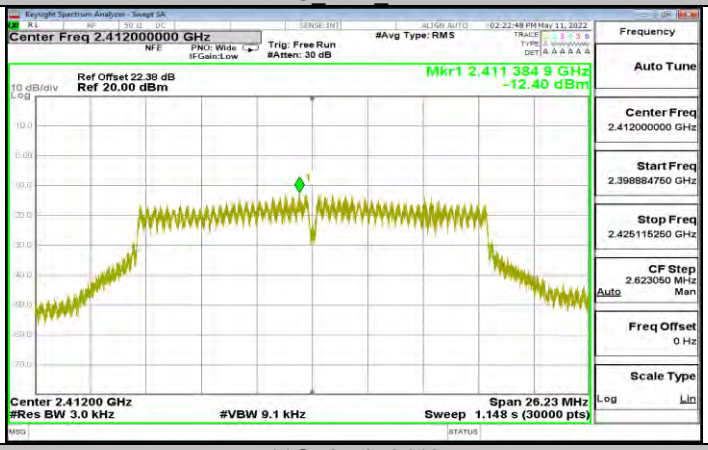
11B_Ant2_2457

11B_Ant1_2462

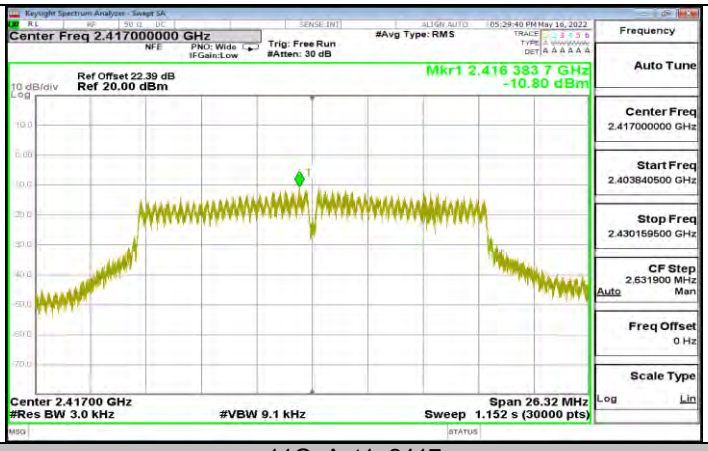
11B_Ant2_2462



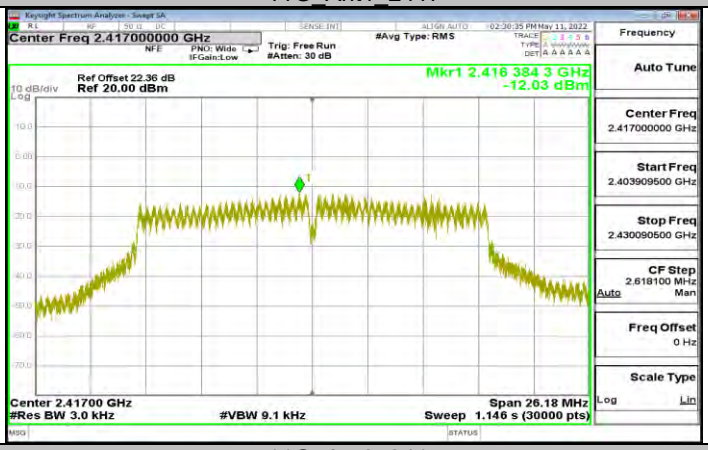
11G_Ant1_2412



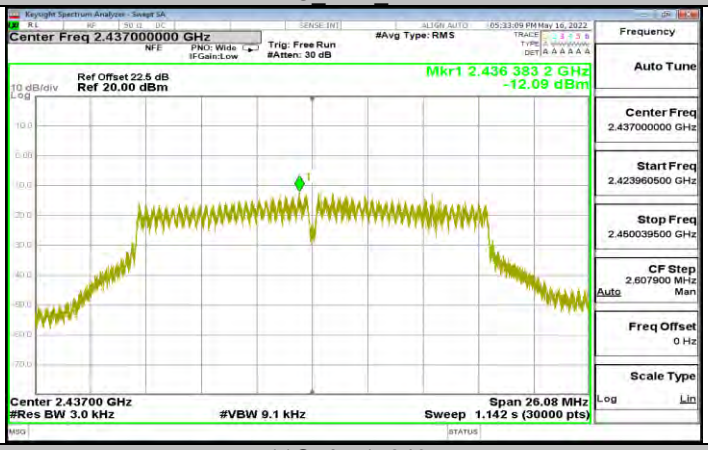
11G_Ant2_2412



11G_Ant1_2417



11G_Ant2_2417

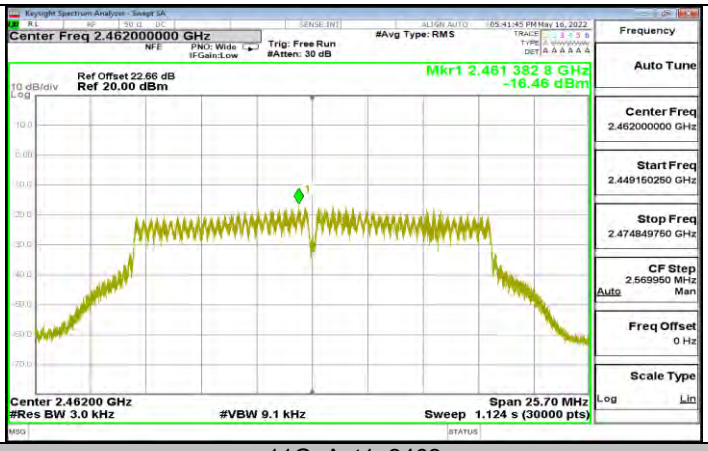


11G_Ant1_2437

11G_Ant2_2437

11G_Ant1_2457

11G_Ant2_2457



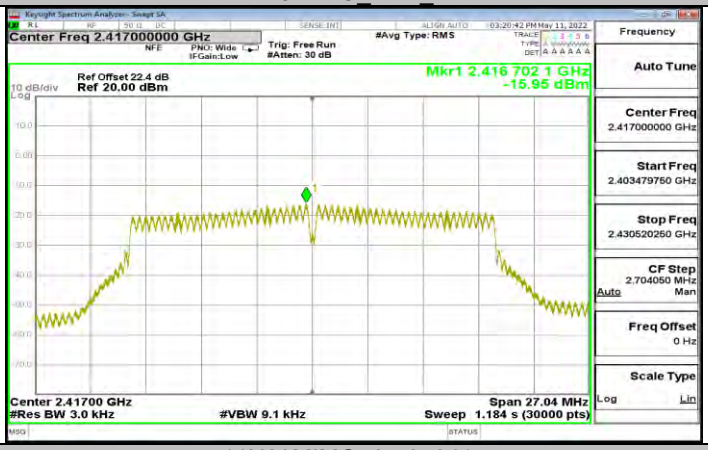
11G_Ant1_2462

11G_Ant2_2462

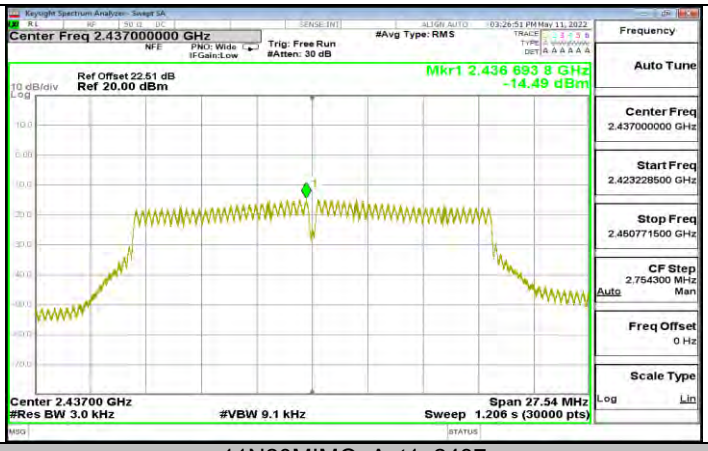
11N20MIMO_Ant1_2412

11N20MIMO_Ant2_2412

11N20MIMO_Ant1_2417



11N20MIMO_Ant2_2417



11N20MIMO_Ant1_2437

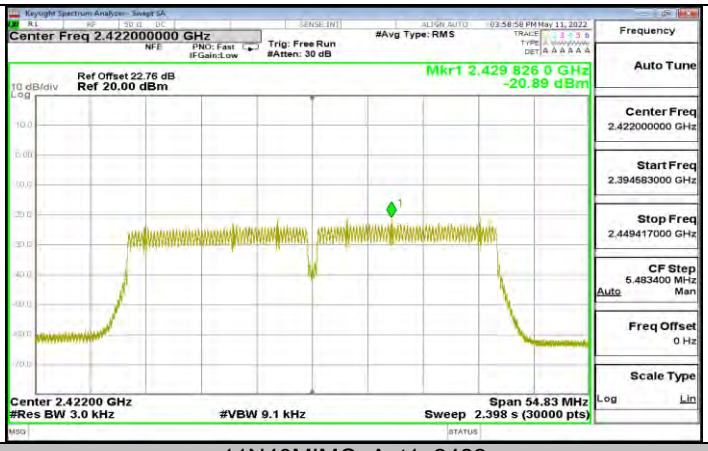
11N20MIMO_Ant2_2437

11N20MIMO_Ant1_2457

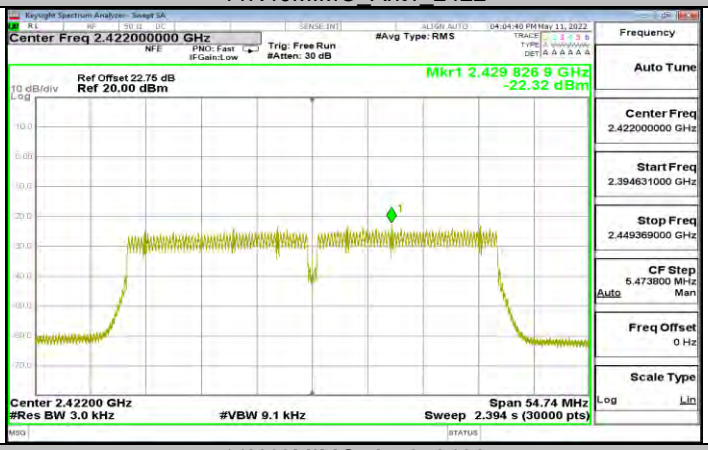
11N20MIMO_Ant2_2457

11N20MIMO_Ant1_2462

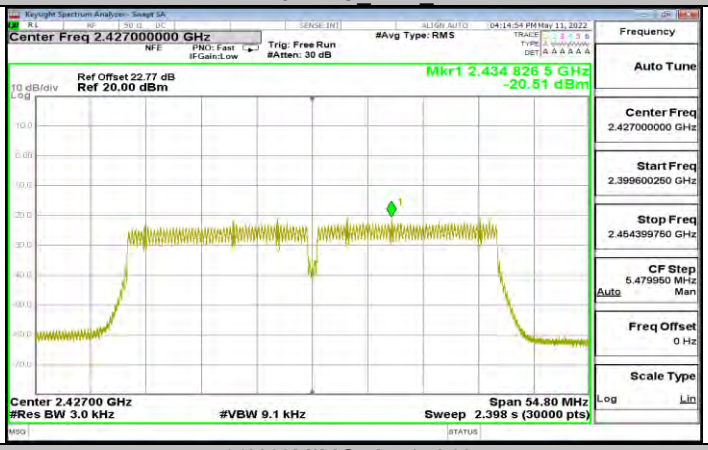
11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



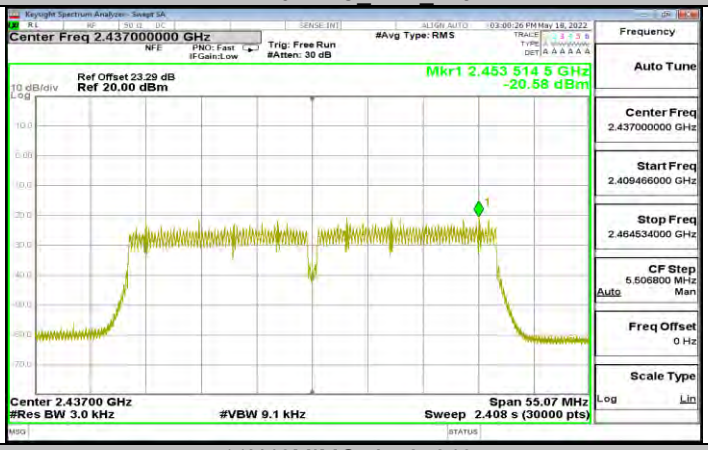
11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2427

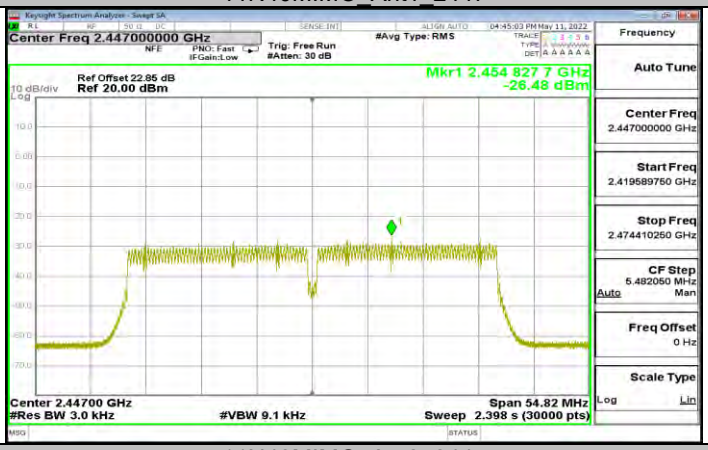
11N40MIMO_Ant2_2427

11N40MIMO_Ant1_2437

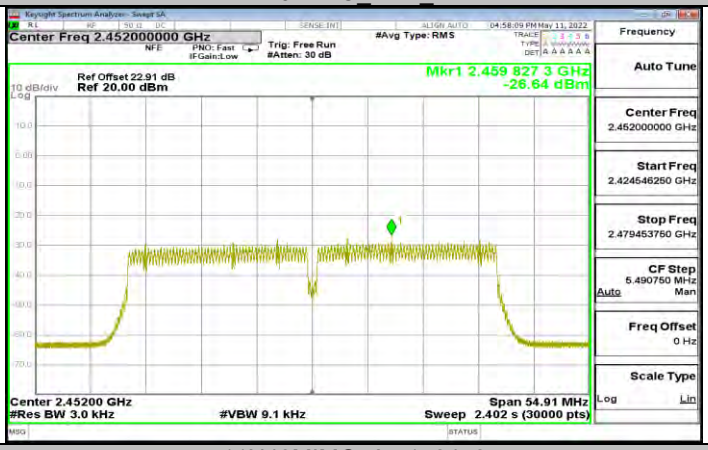


11N40MIMO_Ant2_2437

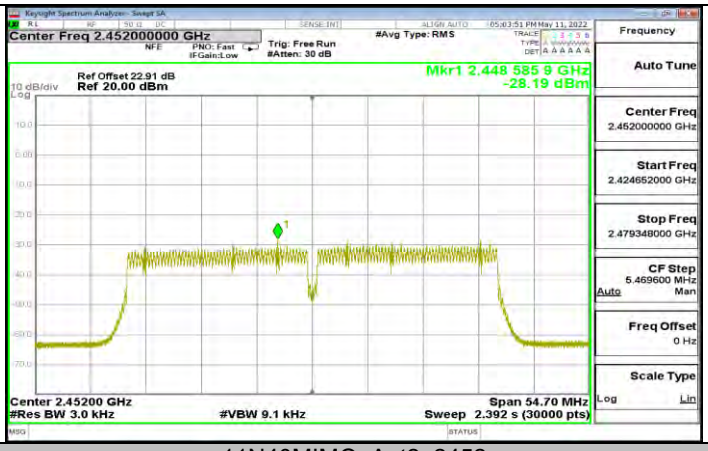
11N40MIMO_Ant1_2447



11N40MIMO_Ant2_2447

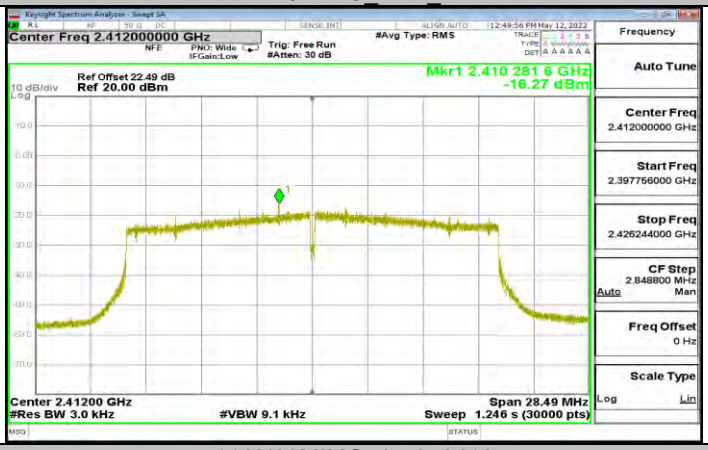


11N40MIMO_Ant1_2452

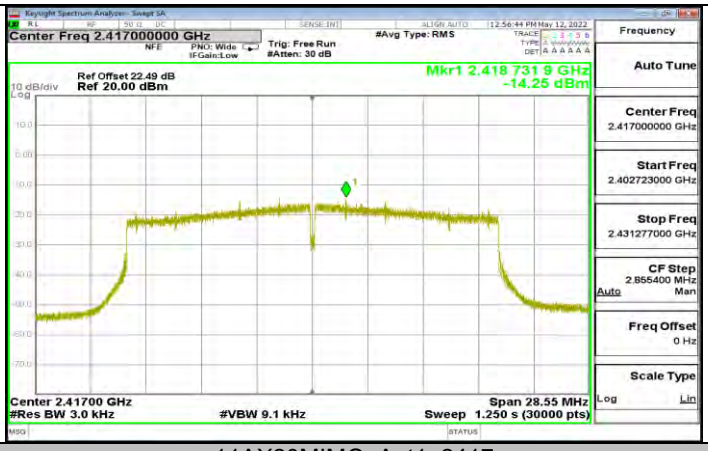


11N40MIMO_Ant2_2452

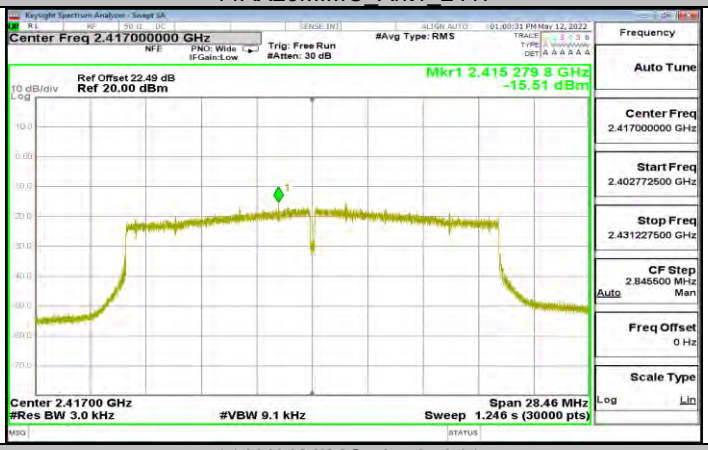
11AX20MIMO_Ant1_2412



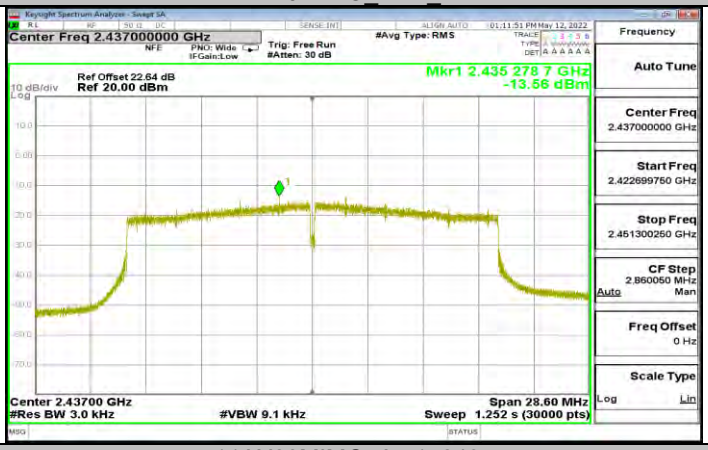
11AX20MIMO_Ant2_2412



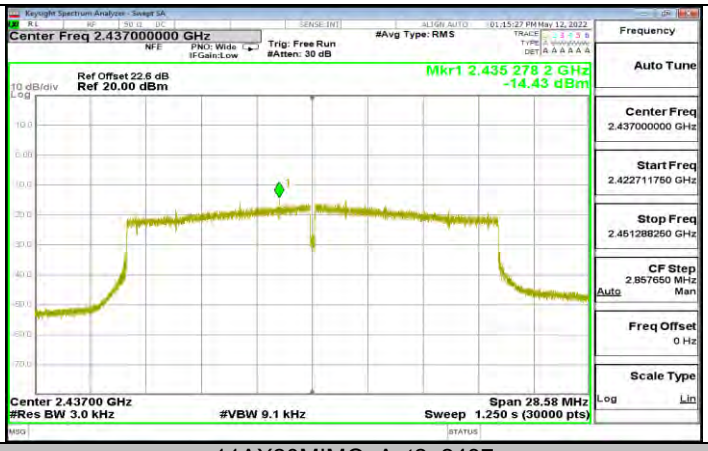
11AX20MIMO_Ant1_2417



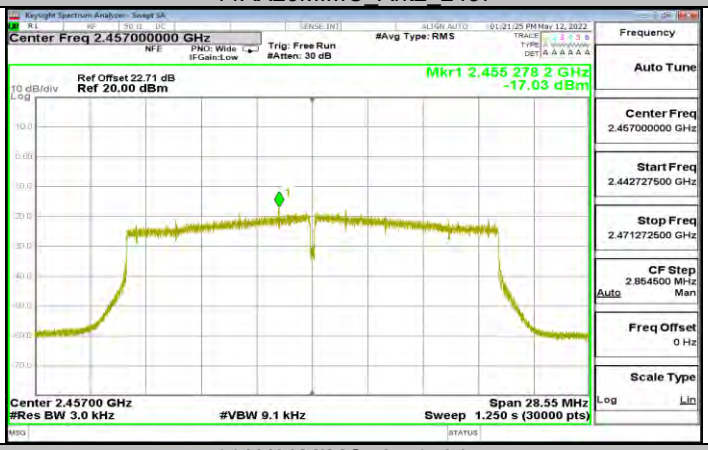
11AX20MIMO_Ant2_2417



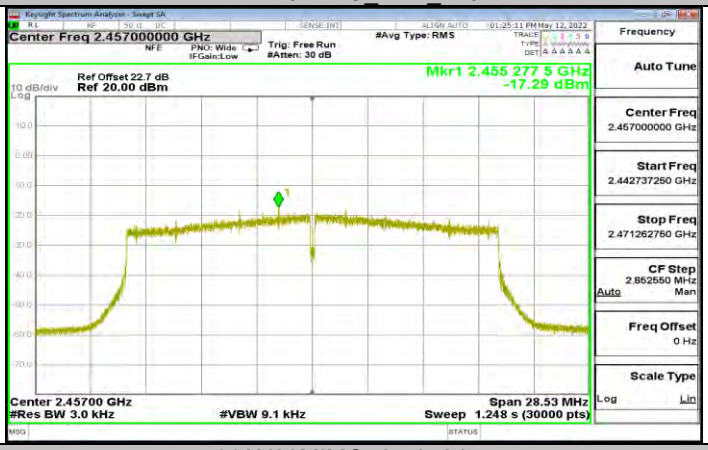
11AX20MIMO_Ant1_2437



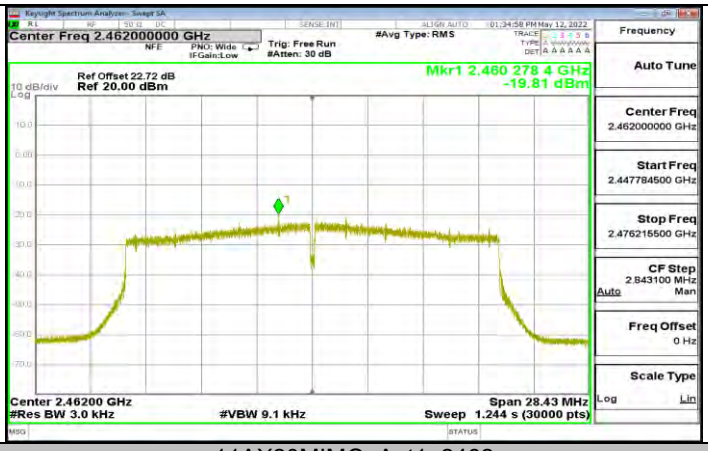
11AX20MIMO_Ant2_2437



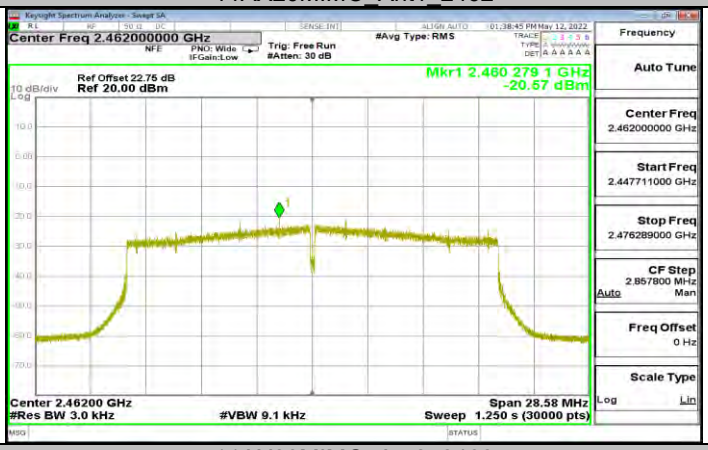
11AX20MIMO_Ant1_2457



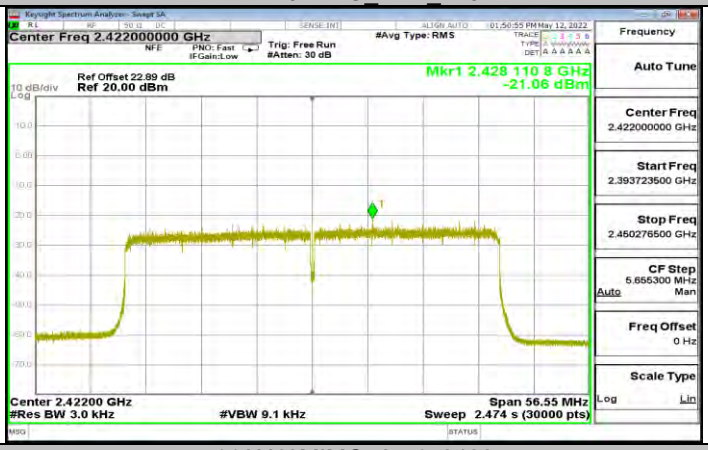
11AX20MIMO_Ant2_2457



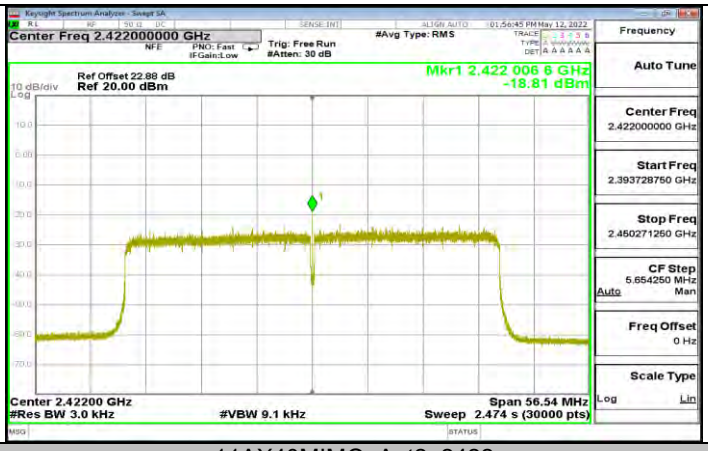
11AX20MIMO_Ant1_2462



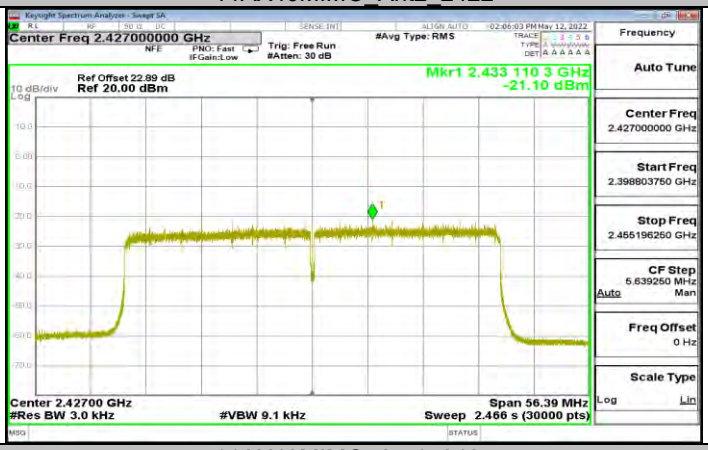
11AX20MIMO_Ant2_2462



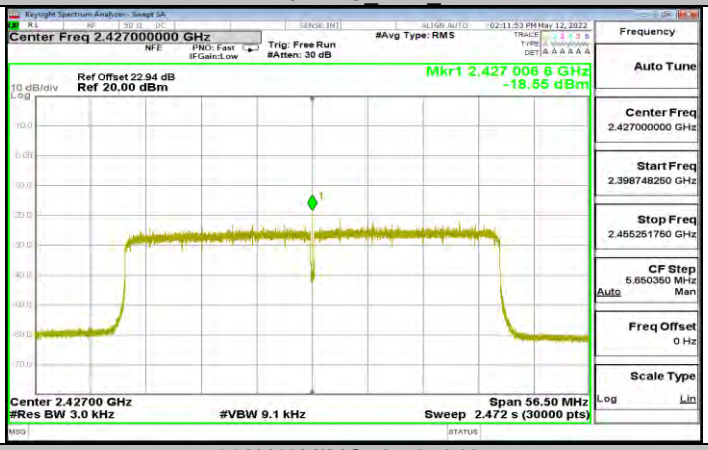
11AX40MIMO_Ant1_2422



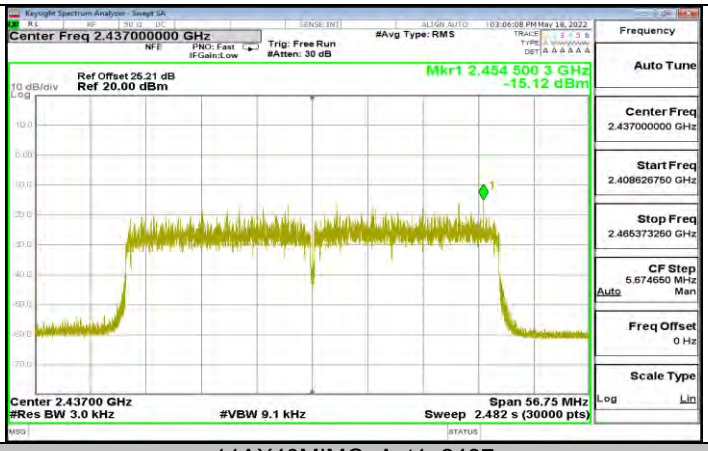
11AX40MIMO_Ant2_2422



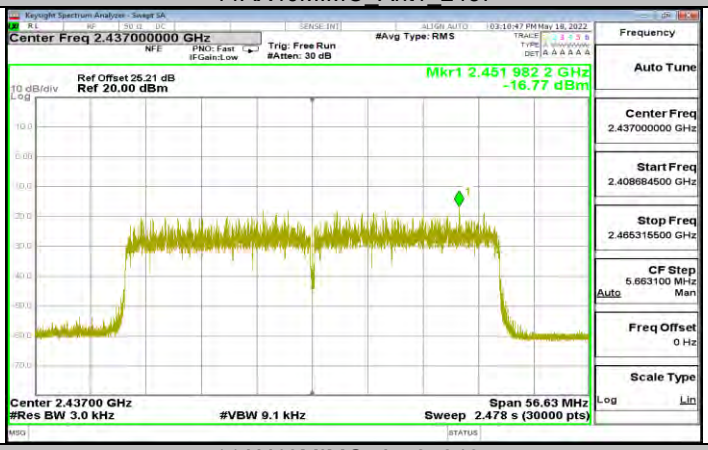
11AX40MIMO_Ant1_2427



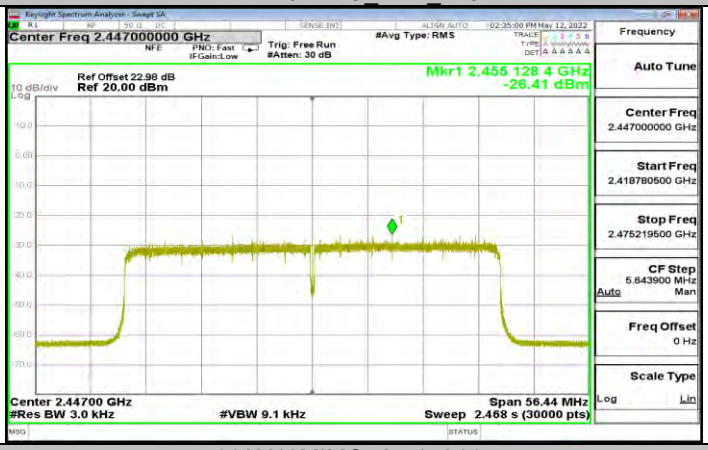
11AX40MIMO_Ant2_2427



11AX40MIMO_Ant1_2437

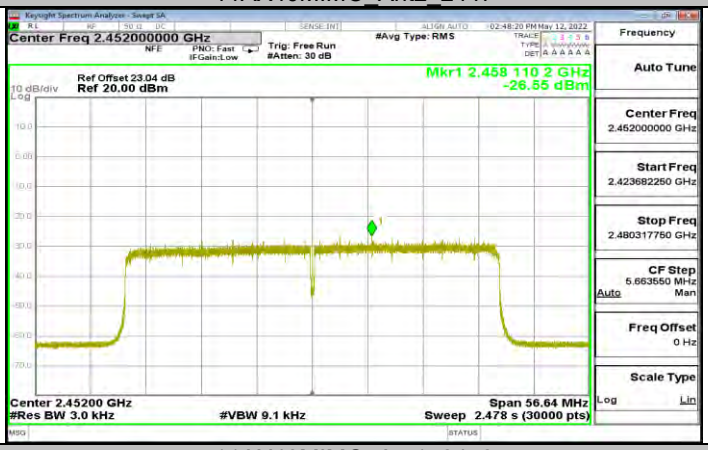


11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2447

11AX40MIMO_Ant2_2447



11AX40MIMO_Ant1_2452

11AX40MIMO_Ant2_2452

11.5. Appendix E: Band Edge Measurements

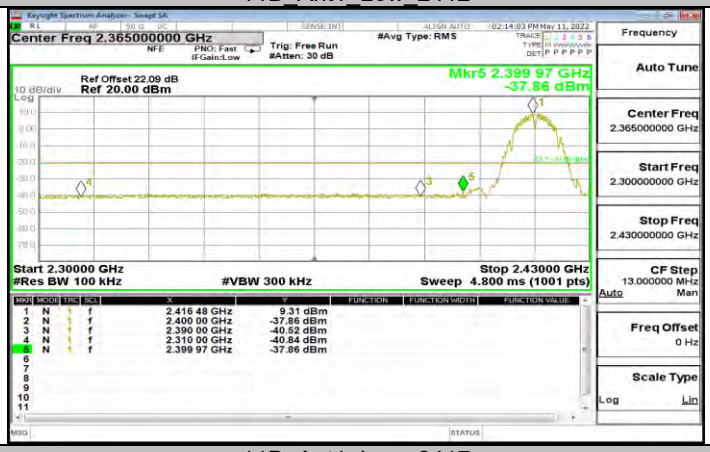
11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.82	-35.89	≤-20.18	PASS
			2417	9.31	-37.86	≤-20.69	PASS
		High	2457	9.81	-37.9	≤-20.19	PASS
			2462	10.01	-36.57	≤-19.99	PASS
11G	Ant1	Low	2412	6.23	-24.34	≤-23.77	PASS
			2417	7.20	-28.23	≤-22.8	PASS
		High	2457	2.14	-37.54	≤-27.86	PASS
			2462	1.51	-37.44	≤-28.49	PASS
11N20MIMO	Ant1	Low	2412	5.11	-29.33	≤-24.89	PASS
	Ant2	Low	2412	5.02	-28	≤-24.98	PASS
	Ant1	Low	2417	5.88	-29.09	≤-24.12	PASS
	Ant2	Low	2417	5.25	-30.48	≤-24.75	PASS
	Ant1	High	2457	2.80	-37.61	≤-27.2	PASS
	Ant2	High	2457	2.86	-37.02	≤-27.14	PASS
	Ant1	High	2462	0.52	-36.67	≤-29.48	PASS
	Ant2	High	2462	0.53	-38	≤-29.47	PASS
11N40MIMO	Ant1	Low	2422	-0.74	-35.27	≤-30.74	PASS
	Ant2	Low	2422	-1.48	-35.47	≤-31.48	PASS
	Ant1	Low	2427	-0.09	-34.03	≤-30.09	PASS
	Ant2	Low	2427	-0.48	-34.14	≤-30.48	PASS
	Ant1	High	2447	-5.51	-37.86	≤-35.51	PASS
	Ant2	High	2447	-5.99	-37.22	≤-35.99	PASS
	Ant1	High	2452	-6.78	-37.95	≤-36.78	PASS
	Ant2	High	2452	-7.22	-37.54	≤-37.22	PASS
11AX20MIMO	Ant1	Low	2412	4.73	-31.46	≤-25.27	PASS
	Ant2	Low	2412	4.13	-29.97	≤-25.87	PASS
	Ant1	Low	2417	6.52	-30.25	≤-23.48	PASS
	Ant2	Low	2417	5.45	-30.92	≤-24.55	PASS
	Ant1	High	2457	3.24	-36.75	≤-26.76	PASS
	Ant2	High	2457	2.97	-37.28	≤-27.03	PASS
	Ant1	High	2462	-0.03	-37.78	≤-30.03	PASS
	Ant2	High	2462	-0.45	-37.27	≤-30.45	PASS
11AX40MIMO	Ant1	Low	2422	-0.87	-33.91	≤-30.87	PASS
	Ant2	Low	2422	-1.49	-35.4	≤-31.49	PASS
	Ant1	Low	2427	0.12	-34.14	≤-29.88	PASS
	Ant2	Low	2427	-0.32	-34.65	≤-30.32	PASS
	Ant1	High	2447	-5.32	-37.18	≤-35.32	PASS
	Ant2	High	2447	-6.02	-37.2	≤-36.02	PASS
	Ant1	High	2452	-5.52	-37.62	≤-35.52	PASS
	Ant2	High	2452	-6.20	-37.62	≤-36.2	PASS

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

11.5.2. Test Graphs

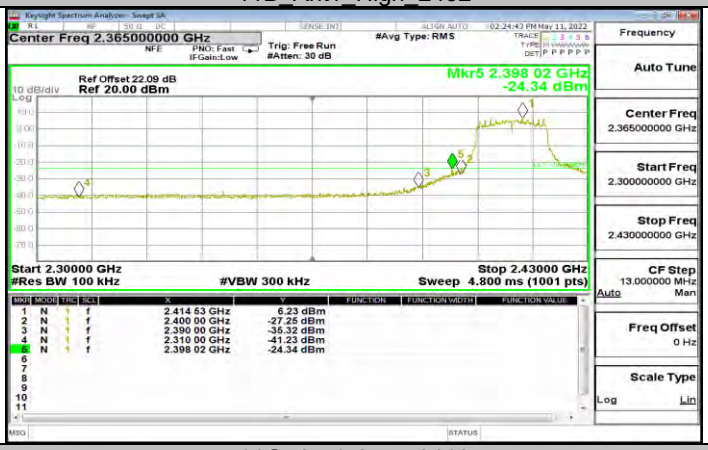
11B_Ant1_Low_2412



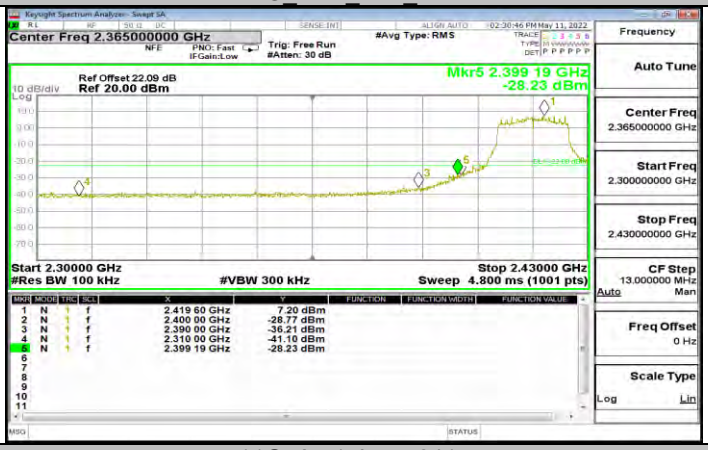
11B_Ant1_Low_2417

11B_Ant1_High_2457

11B_Ant1_High_2462

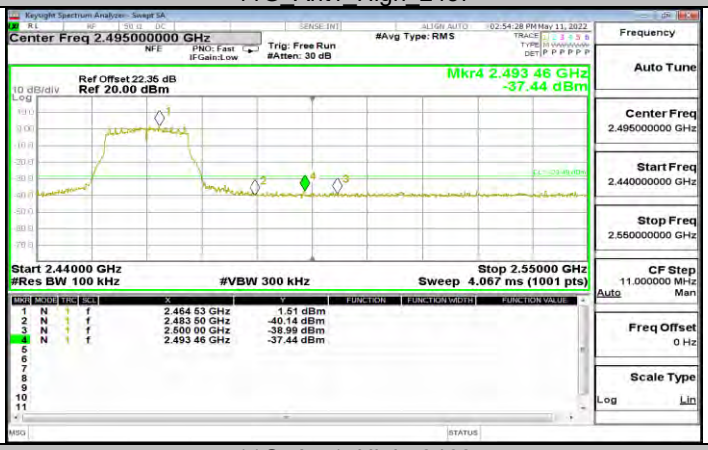


11G_Ant1_Low_2412

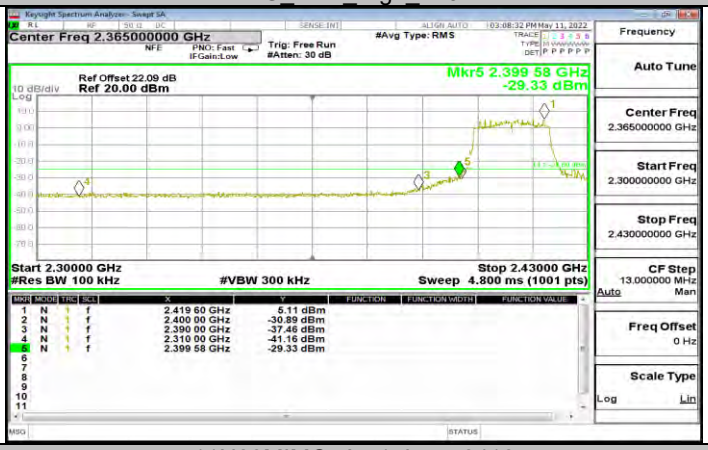


11G_Ant1_Low_2417

11G_Ant1_High_2457

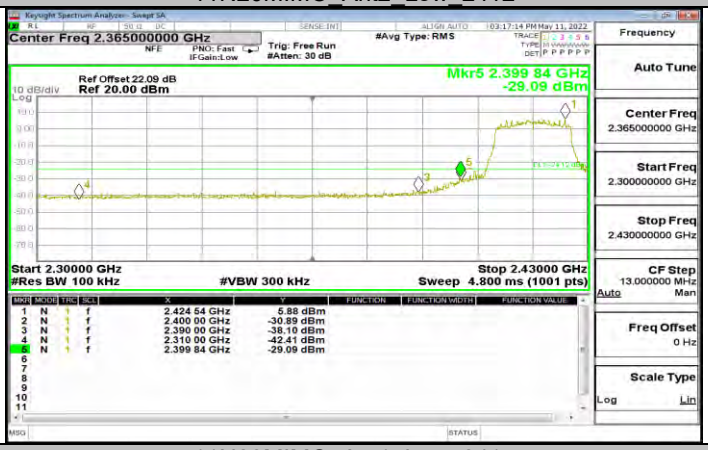


11G_Ant1_High_2462

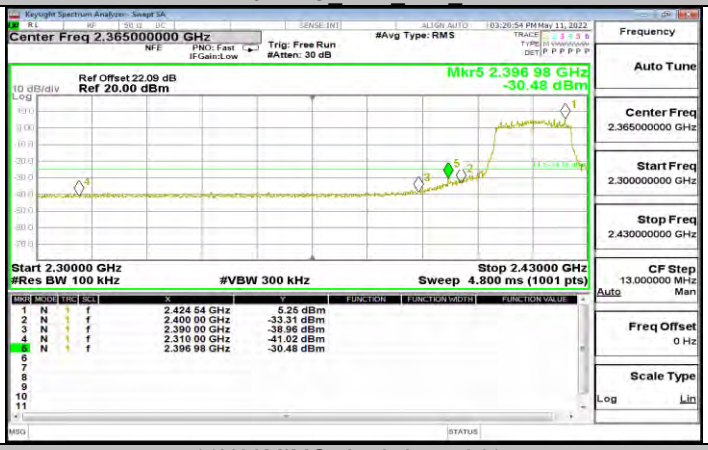


11N20MIMO_Ant1_Low_2412

11N20MIMO_Ant2_Low_2412



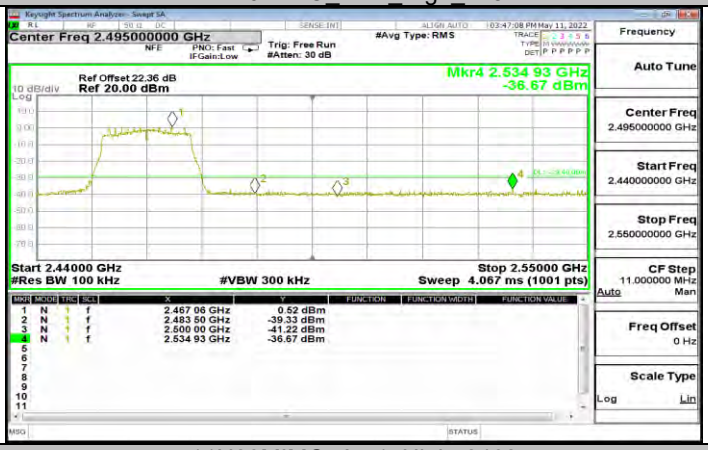
11N20MIMO_Ant1_Low_2417



11N20MIMO_Ant2_Low_2417

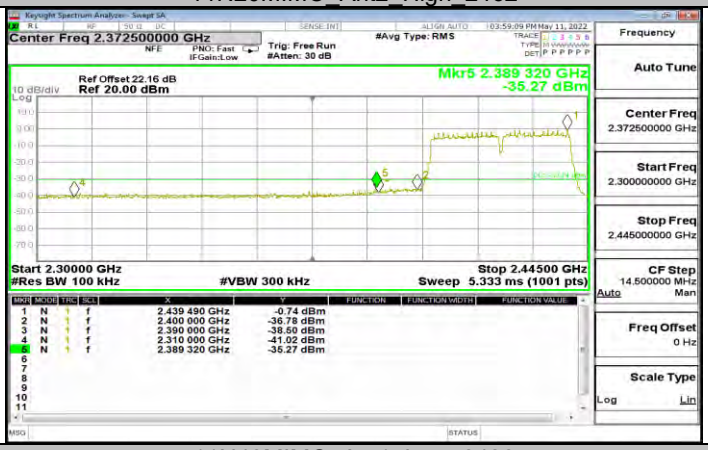
11N20MIMO_Ant1_High_2457

11N20MIMO_Ant2_High_2457

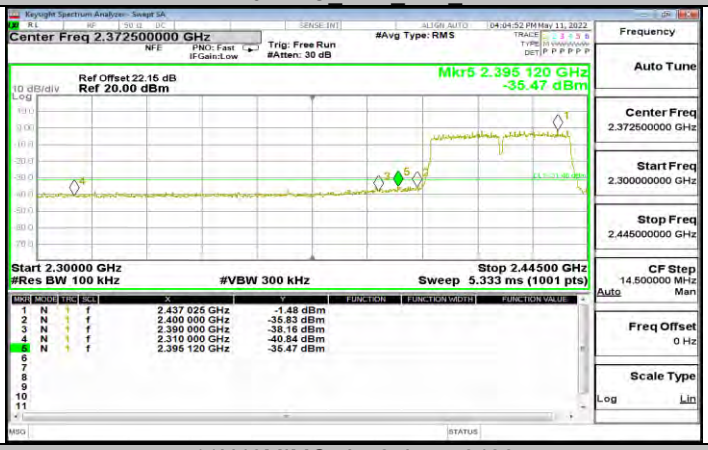


11N20MIMO_Ant1_High_2462

11N20MIMO_Ant2_High_2462



11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422