

Appendix B of 2.4G WIFI results

DTS Bandwidth

Test Result

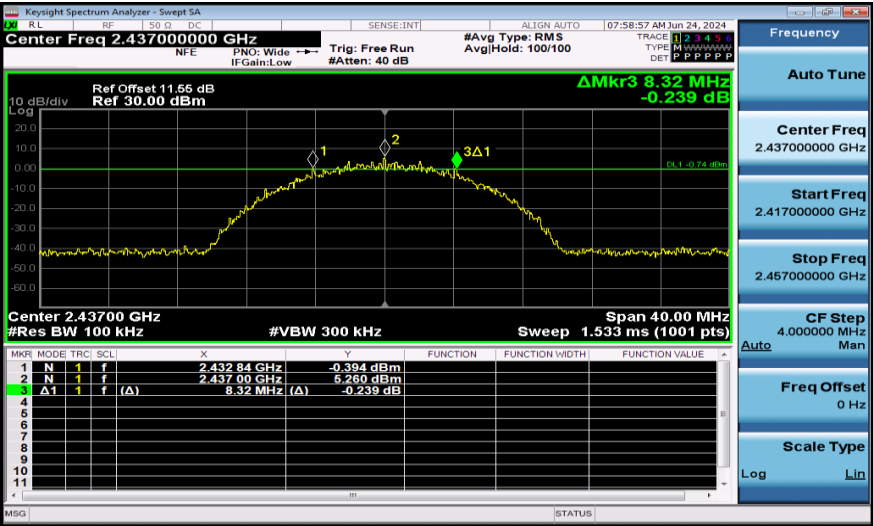
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.360	2407.880	2416.240	0.5	PASS
11B	Ant2	2412	8.280	2407.840	2416.120	0.5	PASS
11B	Ant1	2437	7.880	2432.880	2440.760	0.5	PASS
11B	Ant2	2437	8.320	2432.840	2441.160	0.5	PASS
11B	Ant1	2462	8.320	2457.840	2466.160	0.5	PASS
11B	Ant2	2462	7.960	2457.760	2465.720	0.5	PASS
11G	Ant1	2412	15.000	2404.480	2419.480	0.5	PASS
11G	Ant2	2412	15.280	2404.240	2419.520	0.5	PASS
11G	Ant1	2437	15.280	2429.240	2444.520	0.5	PASS
11G	Ant2	2437	15.920	2429.240	2445.160	0.5	PASS
11G	Ant1	2462	14.920	2454.240	2469.160	0.5	PASS
11G	Ant2	2462	16.280	2453.840	2470.120	0.5	PASS
11N20MIMO	Ant1	2412	15.040	2404.480	2419.520	0.5	PASS
11N20MIMO	Ant2	2412	15.960	2403.600	2419.560	0.5	PASS
11N20MIMO	Ant1	2437	15.280	2429.240	2444.520	0.5	PASS
11N20MIMO	Ant2	2437	16.280	2428.880	2445.160	0.5	PASS
11N20MIMO	Ant1	2462	14.160	2455.360	2469.520	0.5	PASS
11N20MIMO	Ant2	2462	15.960	2454.200	2470.160	0.5	PASS
11N40MIMO	Ant2	2422	35.040	2404.480	2439.520	0.5	PASS
11N40MIMO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
11N40MIMO	Ant1	2437	33.840	2420.680	2454.520	0.5	PASS
11N40MIMO	Ant2	2437	32.560	2421.960	2454.520	0.5	PASS
11N40MIMO	Ant1	2452	35.040	2434.480	2469.520	0.5	PASS
11N40MIMO	Ant2	2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs

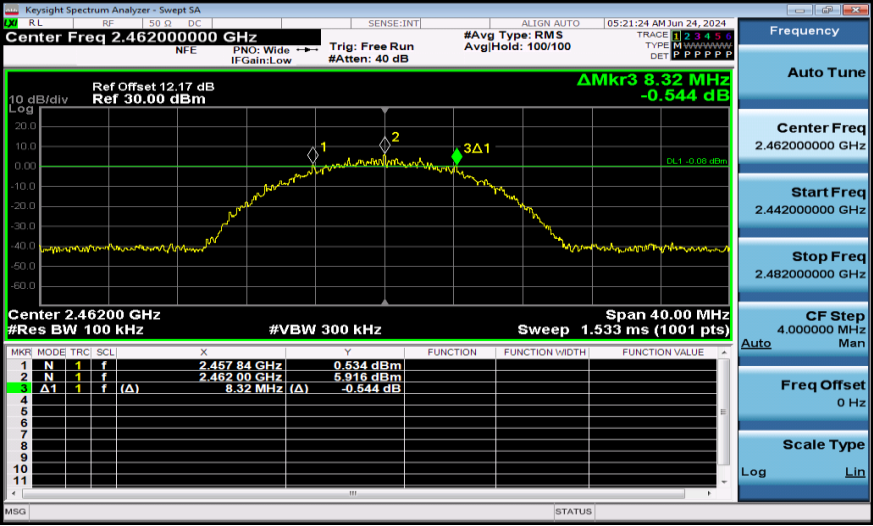


FCC ID: 2APBOAN950

IC: 23717-AN950



11B-Ant2-2437-PASS

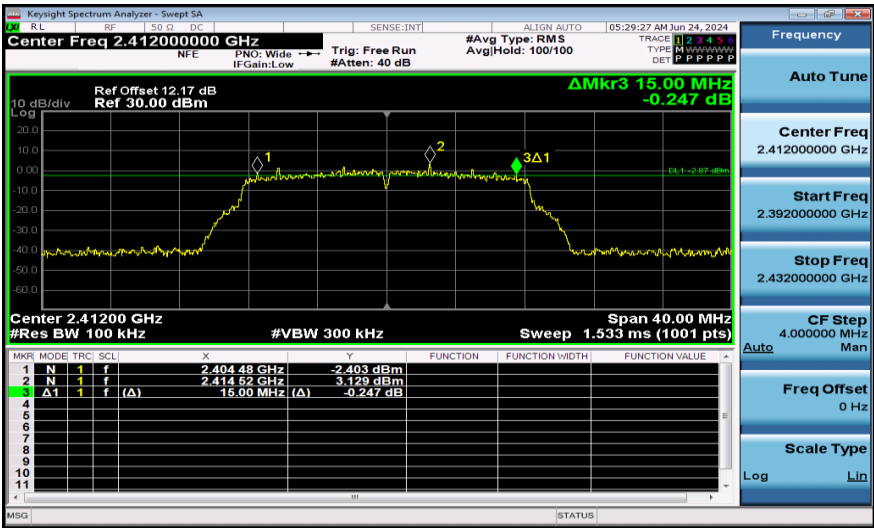


11B-Ant1-2462-PASS



11B-Ant2-2462-PASS

FCC ID: 2APBOAN950
IC: 23717-AN950



11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



11G-Ant1-2437-PASS

FCC ID:2APBOAN950

IC:23717-AN950



11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



11G-Ant2-2462-PASS

FCC ID: 2APBOAN950
IC: 23717-AN950



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS

FCC ID: 2APBOAN950

IC: 23717-AN950



11N20MIMO-Ant2-2437-PASS



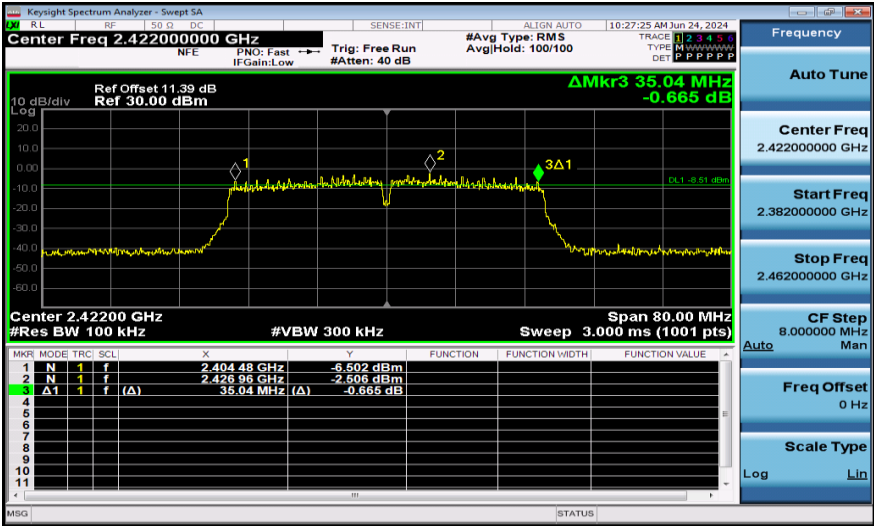
11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS

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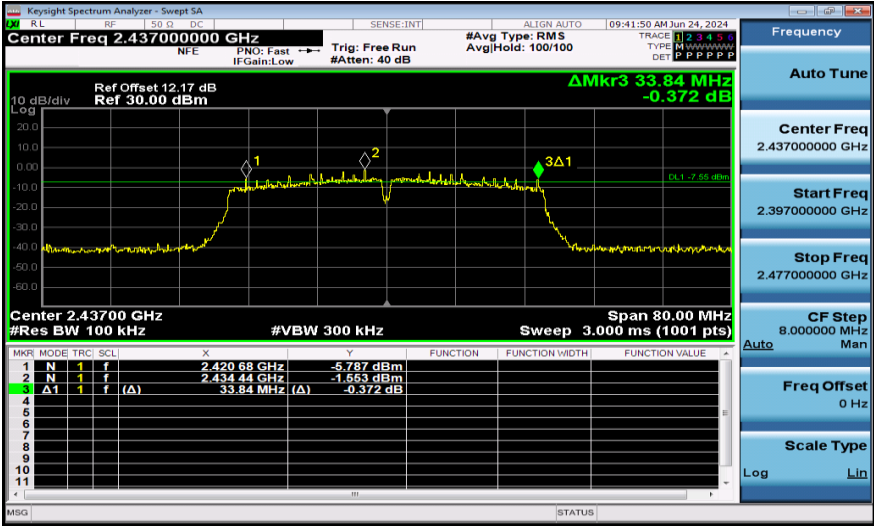
IC:23717-AN950



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2422-PASS



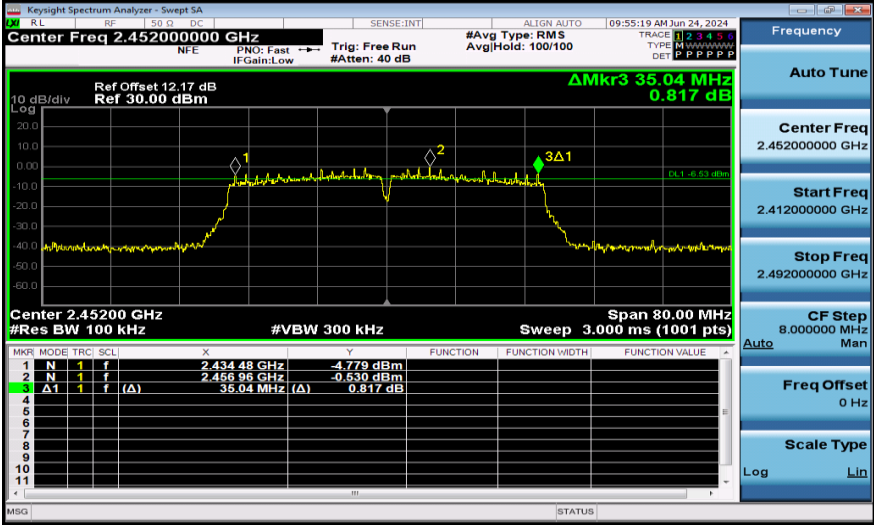
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IC:23717-AN950



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS

FCC ID: 2APBOAN950

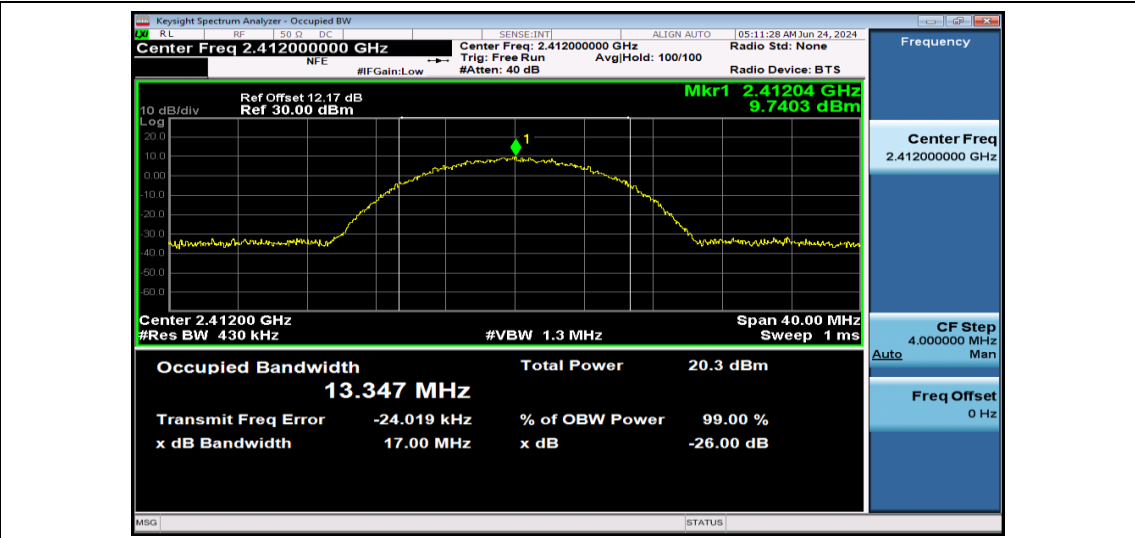
IC: 23717-AN950

Occupied Channel Bandwidth

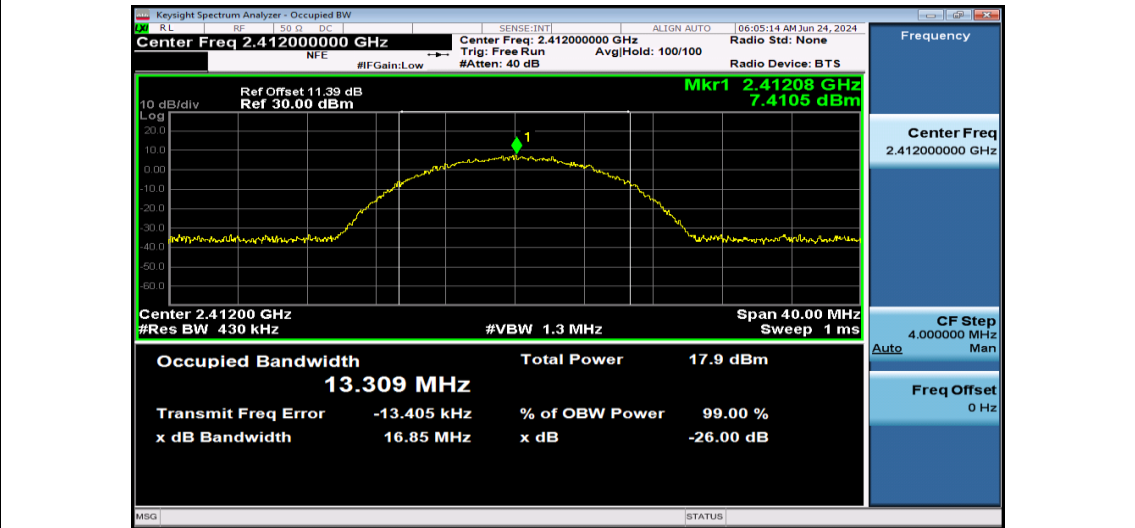
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.347	2405.3025	2418.6495	---	---
11B	Ant2	2412	13.309	2405.3321	2418.6411	---	---
11B	Ant1	2437	13.493	2430.2395	2443.7325	---	---
11B	Ant2	2437	13.284	2430.3432	2443.6272	---	---
11B	Ant1	2462	13.309	2455.3123	2468.6213	---	---
11B	Ant2	2462	13.364	2455.2635	2468.6275	---	---
11G	Ant1	2412	16.779	2403.5783	2420.3573	---	---
11G	Ant2	2412	16.643	2403.6414	2420.2844	---	---
11G	Ant1	2437	16.890	2428.5428	2445.4328	---	---
11G	Ant2	2437	16.595	2428.6736	2445.2686	---	---
11G	Ant1	2462	16.913	2453.5308	2470.4438	---	---
11G	Ant2	2462	16.581	2453.6819	2470.2629	---	---
11N20MIMO	Ant1	2412	17.807	2403.1063	2420.9133	---	---
11N20MIMO	Ant2	2412	17.662	2403.1220	2420.7840	---	---
11N20MIMO	Ant1	2437	17.786	2428.0965	2445.8825	---	---
11N20MIMO	Ant2	2437	17.680	2428.1614	2445.8414	---	---
11N20MIMO	Ant1	2462	17.815	2453.0751	2470.8901	---	---
11N20MIMO	Ant2	2462	17.647	2453.1863	2470.8333	---	---
11N40MIMO	Ant2	2422	36.313	2403.9179	2440.2309	---	---
11N40MIMO	Ant1	2422	36.790	2403.4531	2440.2431	---	---
11N40MIMO	Ant1	2437	35.952	2418.9900	2454.9420	---	---
11N40MIMO	Ant2	2437	36.117	2418.9881	2455.1051	---	---
11N40MIMO	Ant1	2452	36.035	2433.9687	2470.0037	---	---
11N40MIMO	Ant2	2452	36.154	2433.9652	2470.1192	---	---

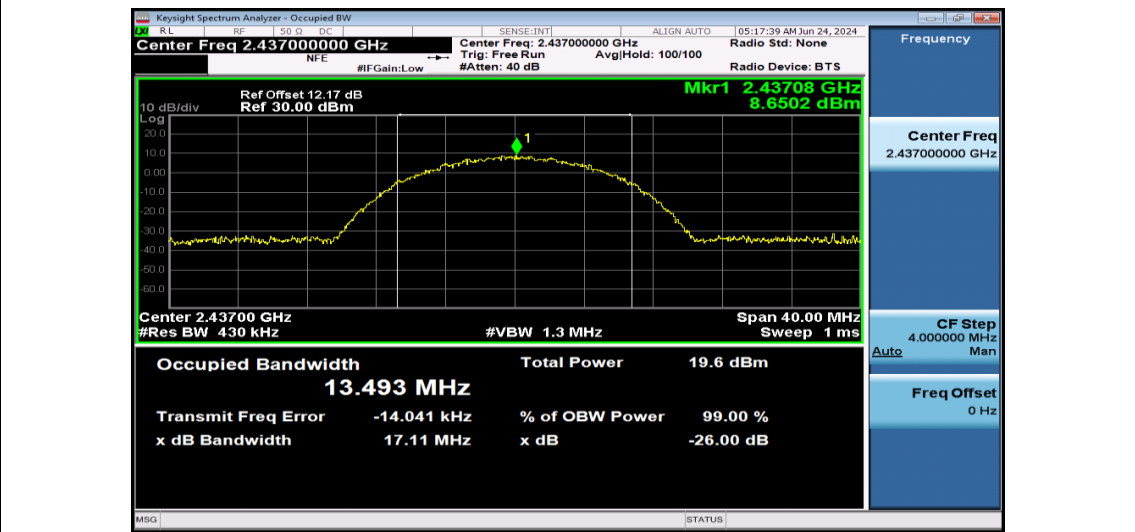
Test Graphs



11B-Ant1-2412



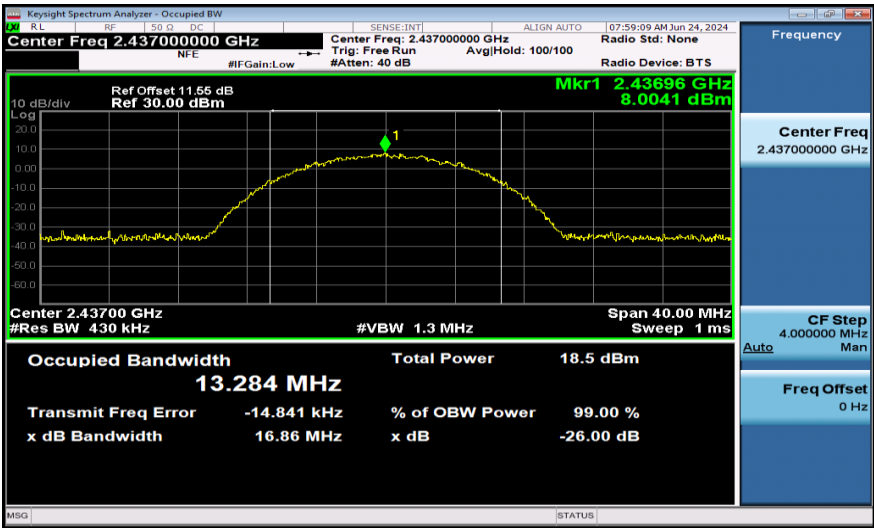
11B-Ant2-2412



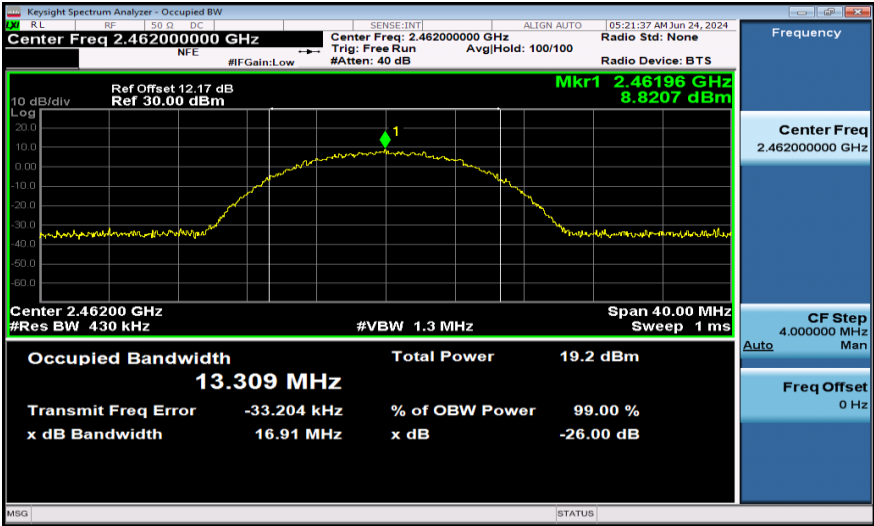
11B-Ant1-2437

FCC ID:2APBOAN950

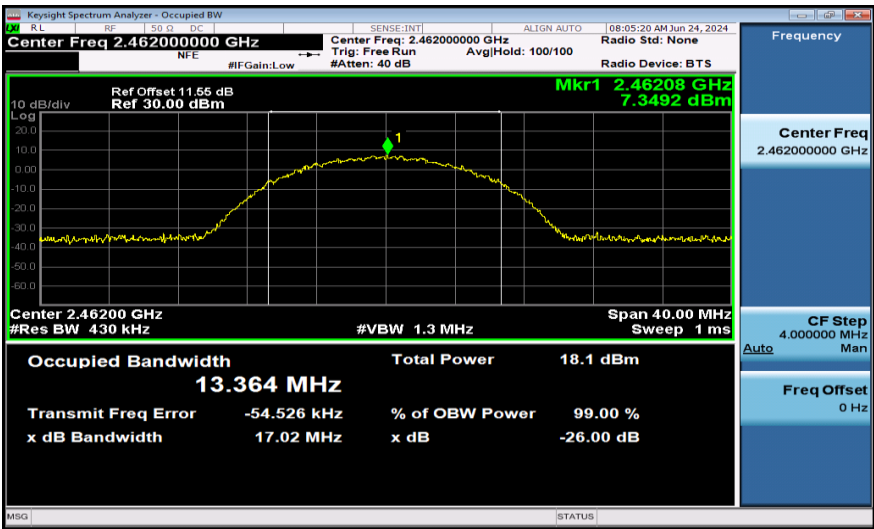
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11B-Ant2-2437



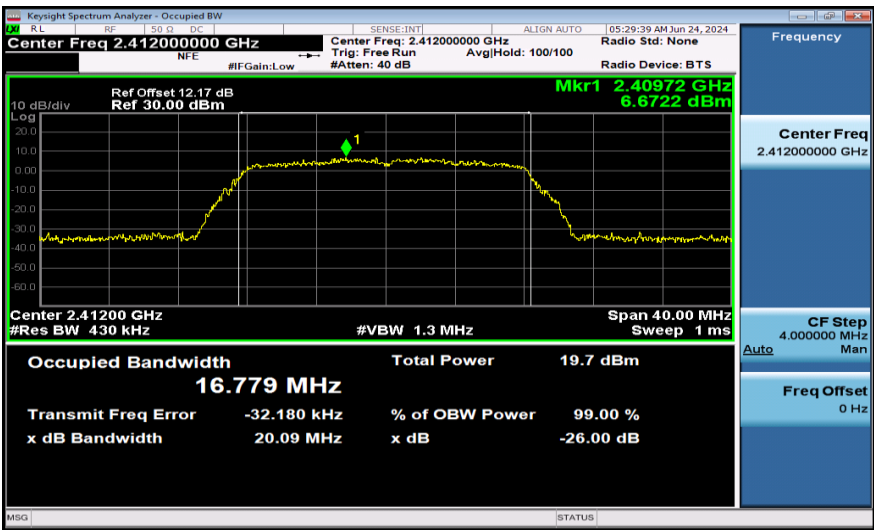
11B-Ant1-2462



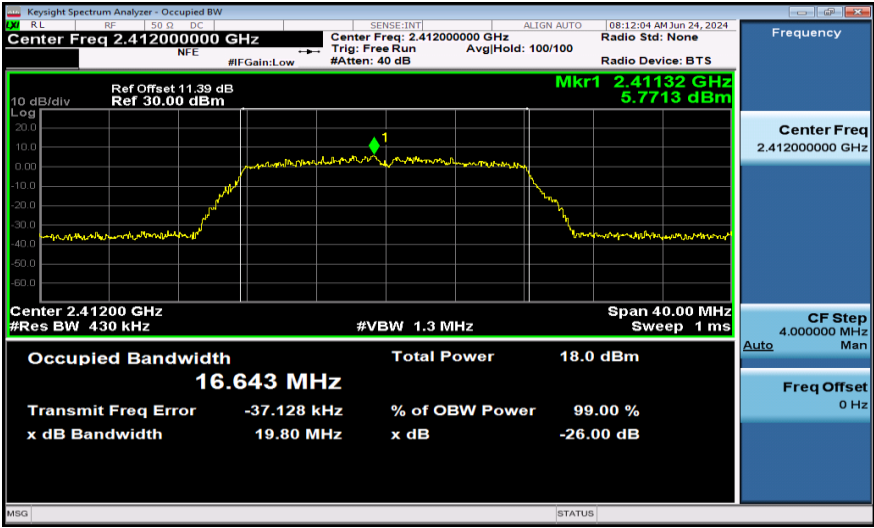
11B-Ant2-2462

FCC ID:2APBOAN950

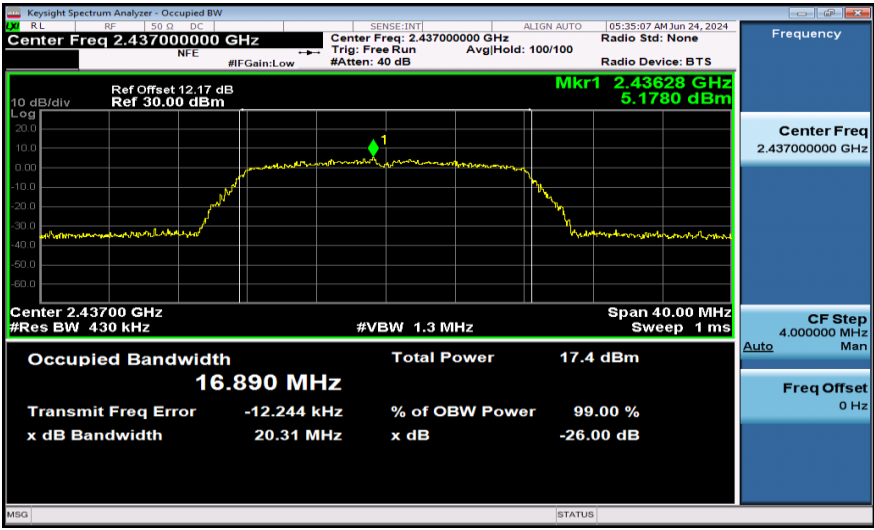
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11G-Ant1-2412



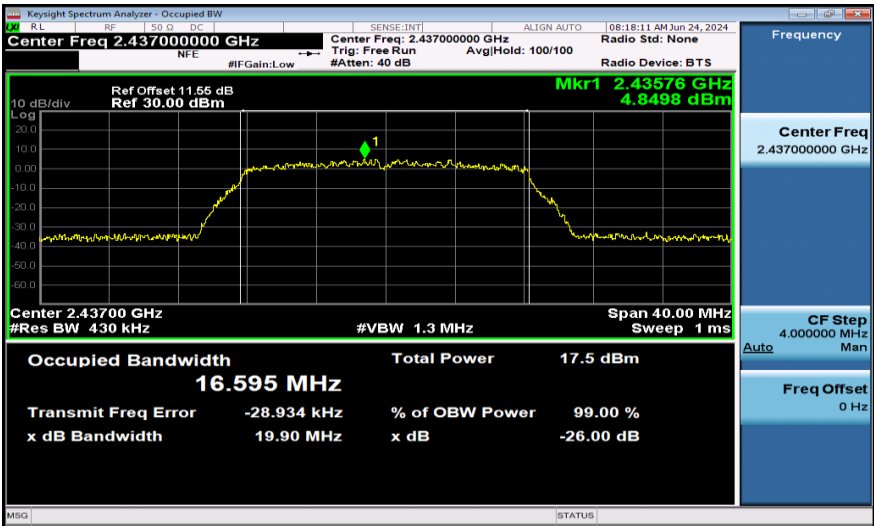
11G-Ant2-2412



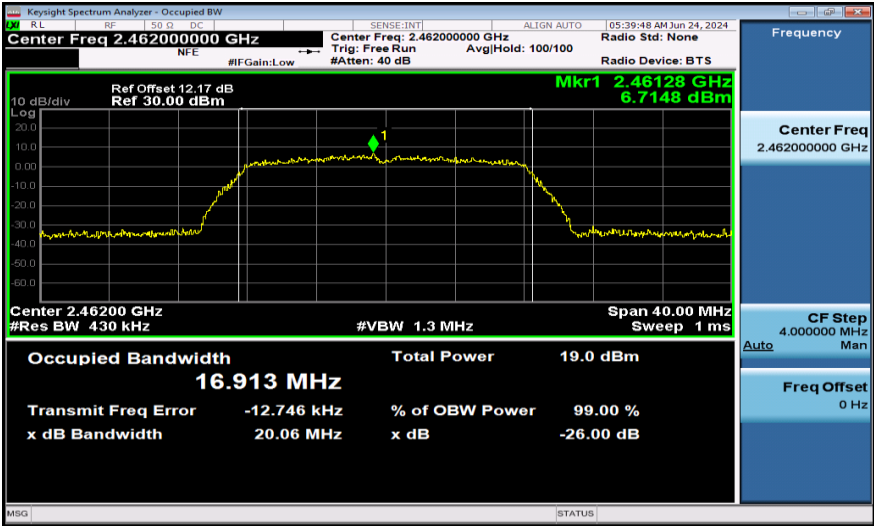
11G-Ant1-2437

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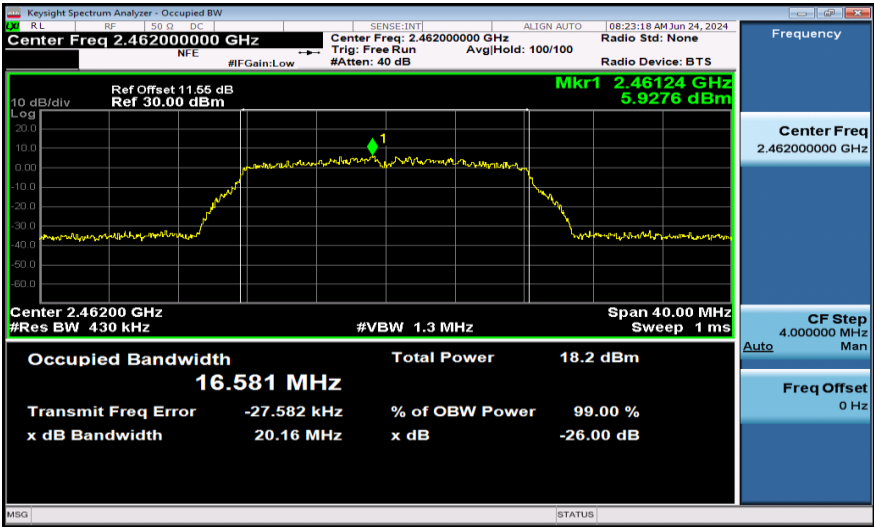
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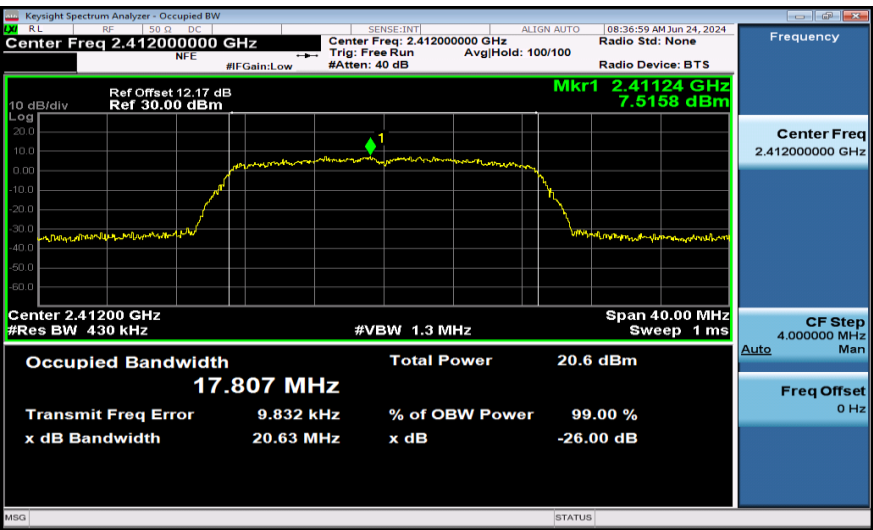
11G-Ant1-2462



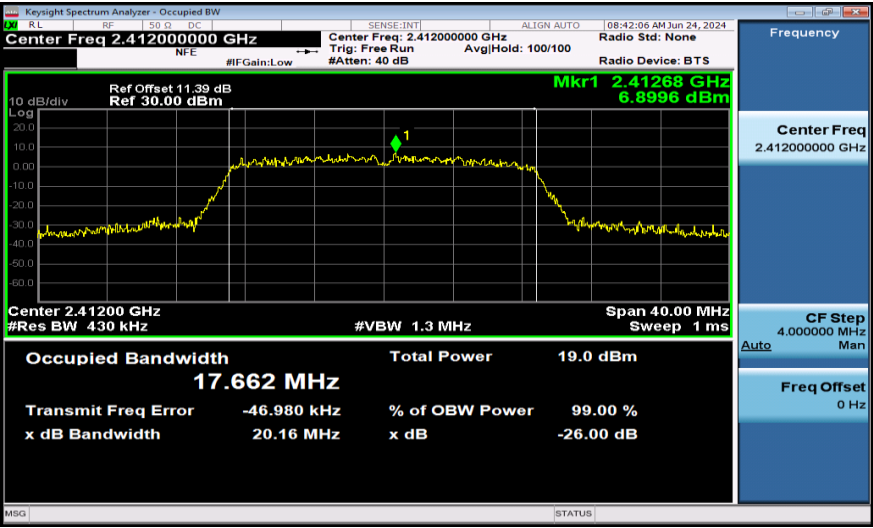
11G-Ant2-2462

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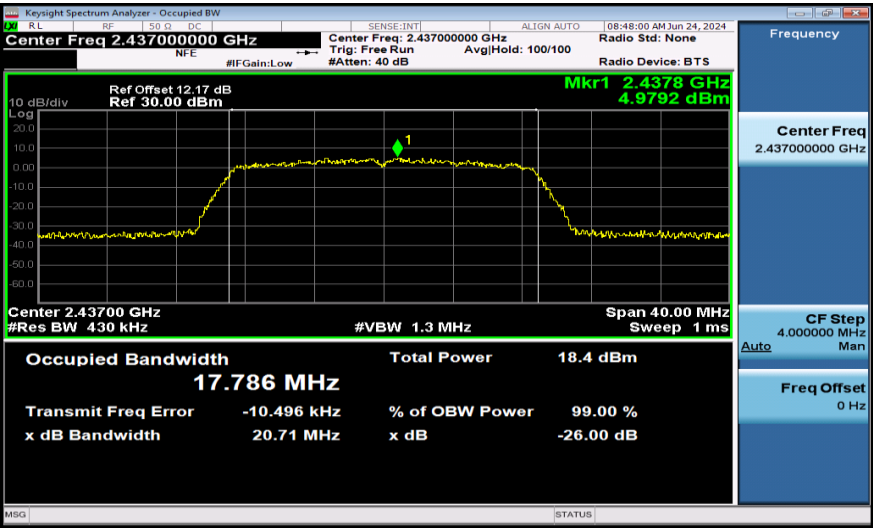
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11N20MIMO-Ant1-2412



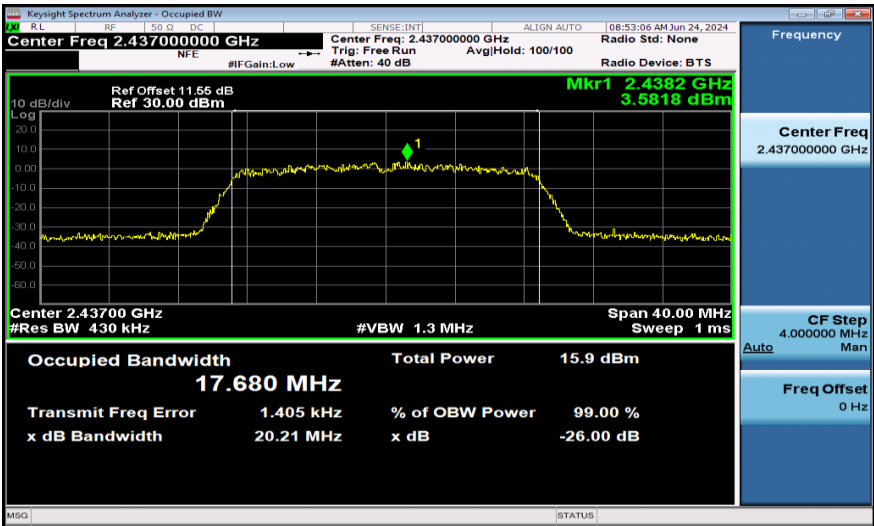
11N20MIMO-Ant2-2412



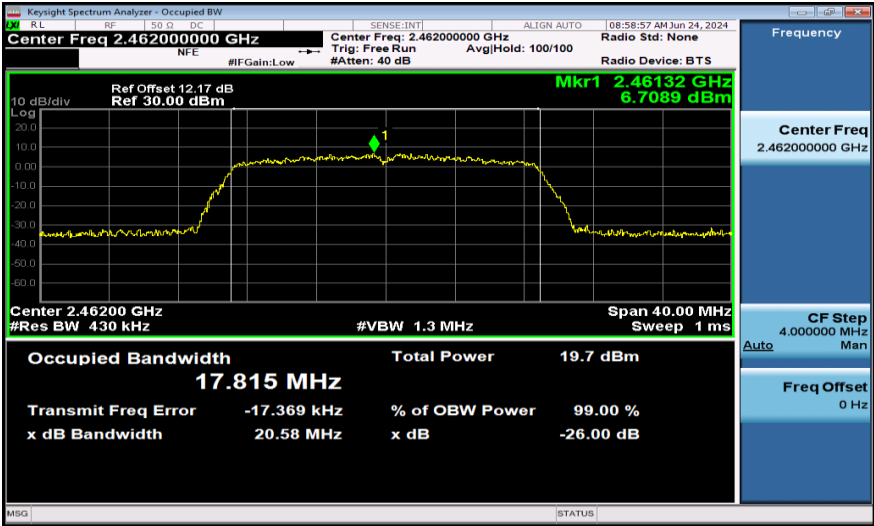
11N20MIMO-Ant1-2437

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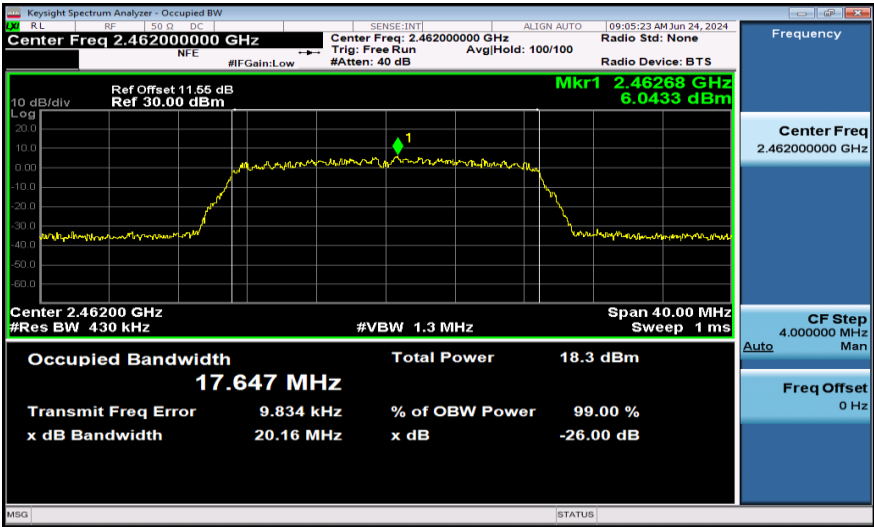
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11N20MIMO-Ant2-2437



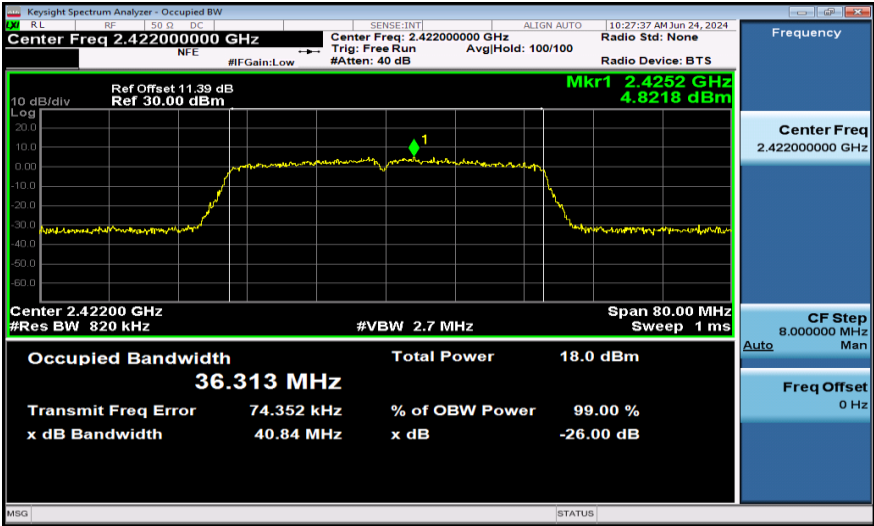
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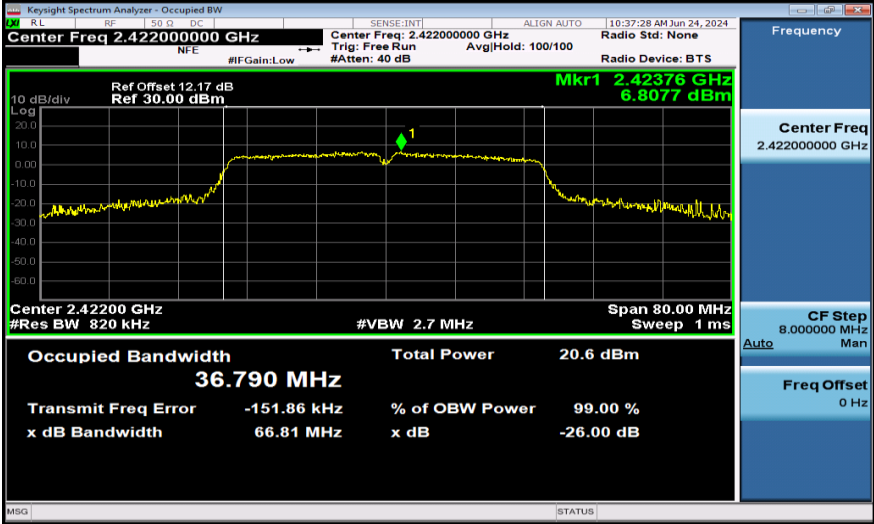
11N20MIMO-Ant2-2462

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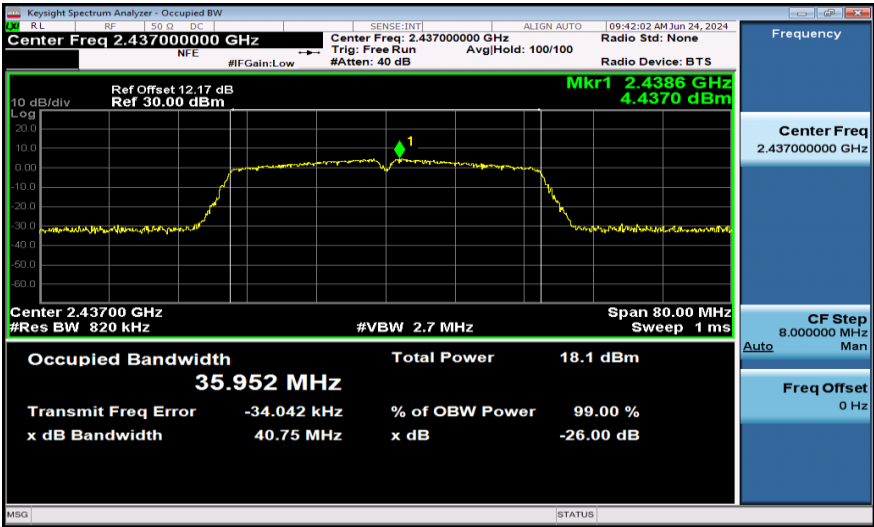
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11N40MIMO-Ant2-2422



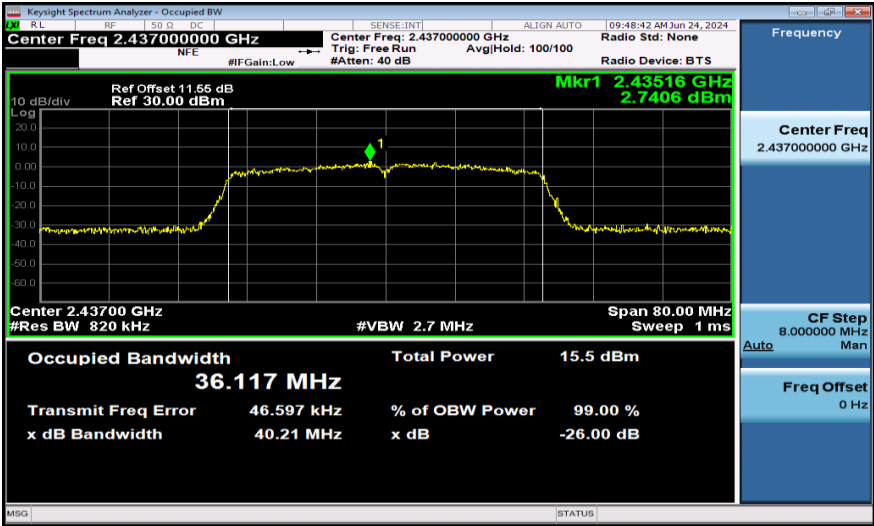
11N40MIMO-Ant1-2422



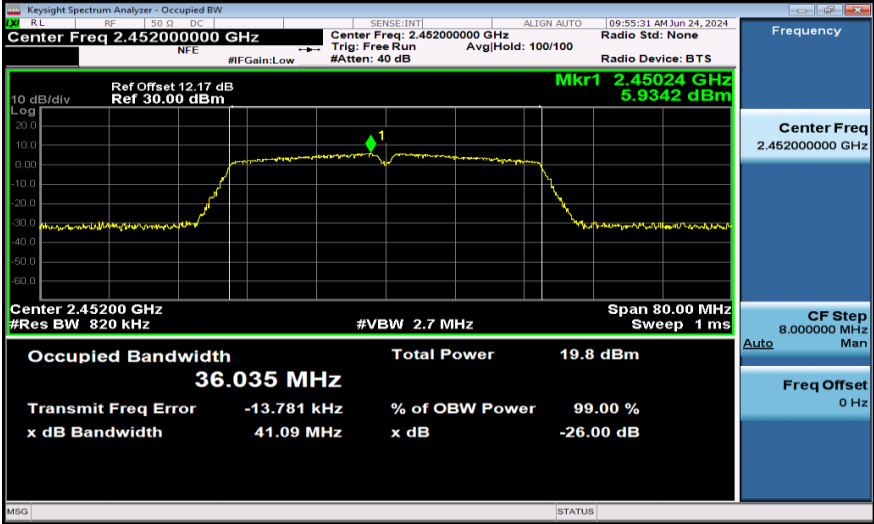
11N40MIMO-Ant1-2437

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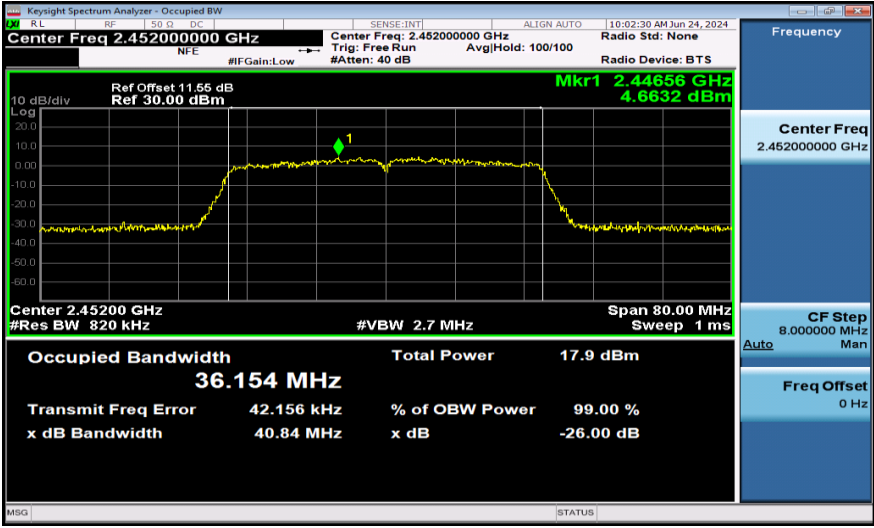
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11N40MIMO-Ant2-2437



11N40MIMO-Ant1-2452



11N40MIMO-Ant2-2452