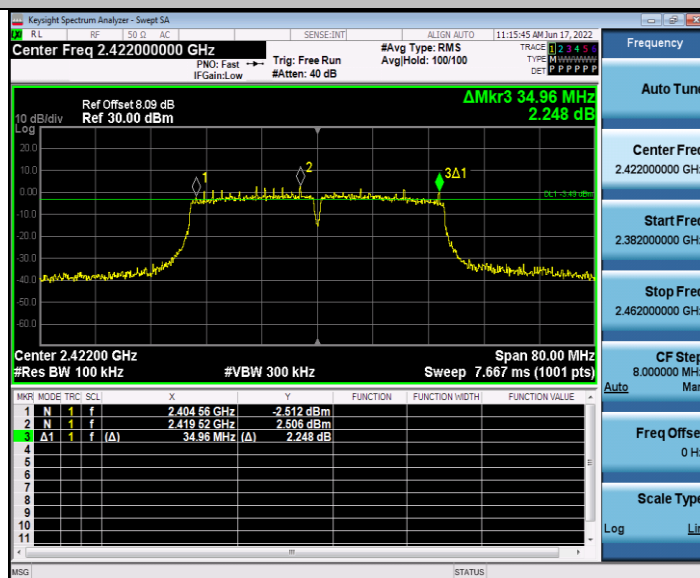
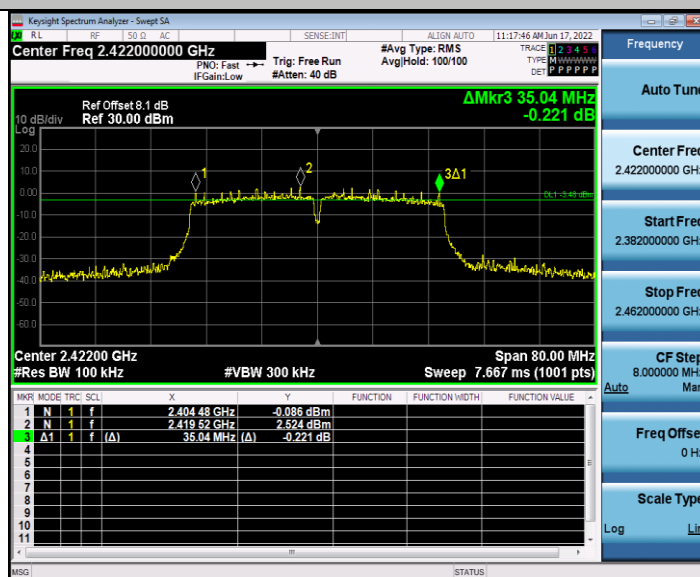


11N40MIMO_Ant1_2422

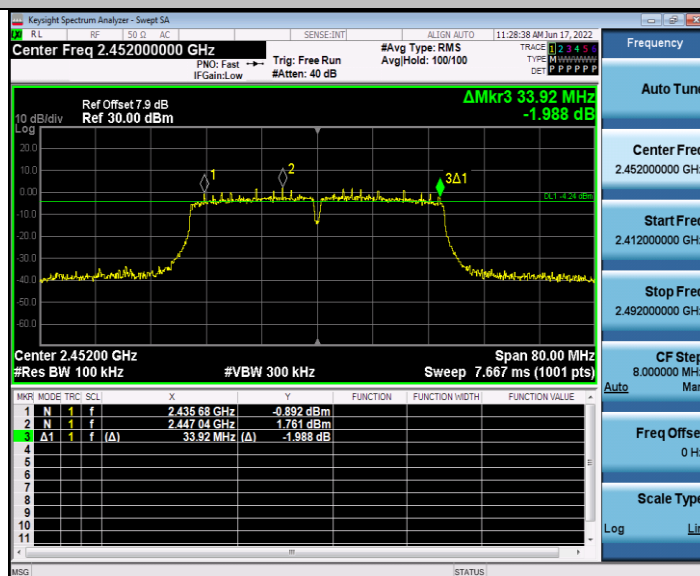


11N40MIMO_Ant2_2422

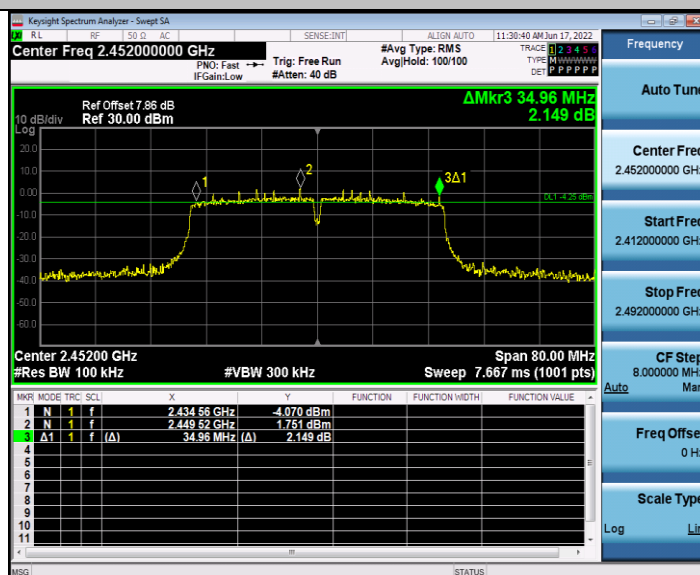




11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



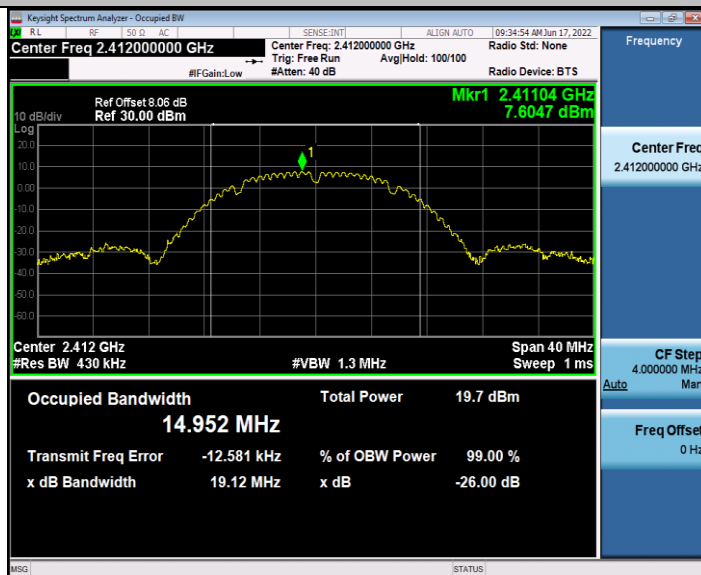
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.952	2404.511	2419.463	---	---
	Ant2	2412	14.744	2404.634	2419.378	---	---
	Ant1	2437	14.928	2429.521	2444.449	---	---
	Ant2	2437	14.807	2429.578	2444.385	---	---
	Ant1	2462	14.934	2454.519	2469.453	---	---
	Ant2	2462	14.769	2454.582	2469.351	---	---
11G-CDD	Ant1	2412	16.846	2403.609	2420.455	---	---
	Ant2	2412	16.636	2403.693	2420.329	---	---
	Ant1	2437	16.754	2428.641	2445.395	---	---
	Ant2	2437	16.632	2428.698	2445.330	---	---
	Ant1	2462	16.740	2453.672	2470.412	---	---
	Ant2	2462	16.610	2453.707	2470.317	---	---
11N20MIMO	Ant1	2412	17.994	2403.039	2421.033	---	---
	Ant2	2412	17.919	2403.079	2420.998	---	---
	Ant1	2437	17.948	2428.000	2445.948	---	---
	Ant2	2437	18.009	2427.955	2445.964	---	---
	Ant1	2462	17.889	2453.071	2470.960	---	---
	Ant2	2462	17.887	2453.089	2470.976	---	---
11N40MIMO	Ant1	2422	36.310	2403.850	2440.160	---	---
	Ant2	2422	36.207	2403.969	2440.176	---	---
	Ant1	2437	36.288	2418.892	2455.180	---	---
	Ant2	2437	36.333	2418.921	2455.254	---	---
	Ant1	2452	36.141	2433.928	2470.069	---	---
	Ant2	2452	36.173	2433.912	2470.085	---	---

Test Graphs

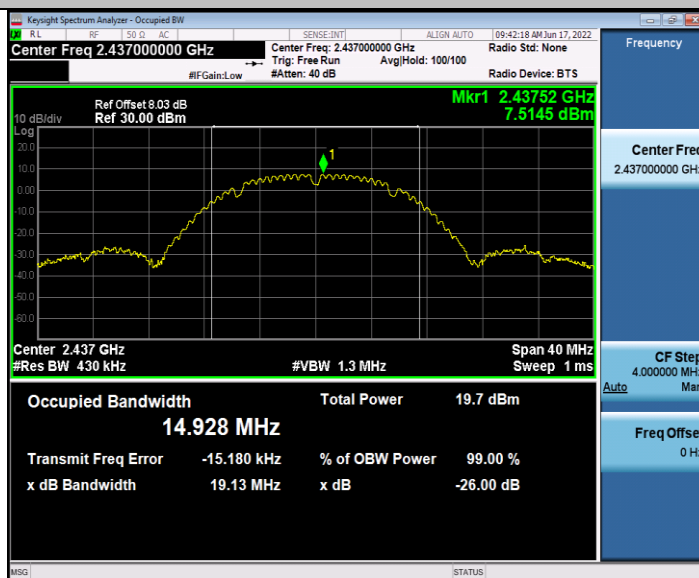
11B_Ant1_2412



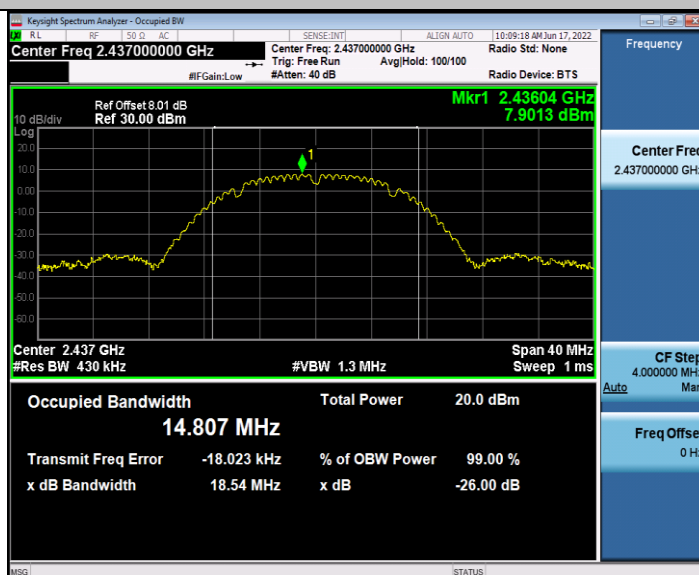
11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437



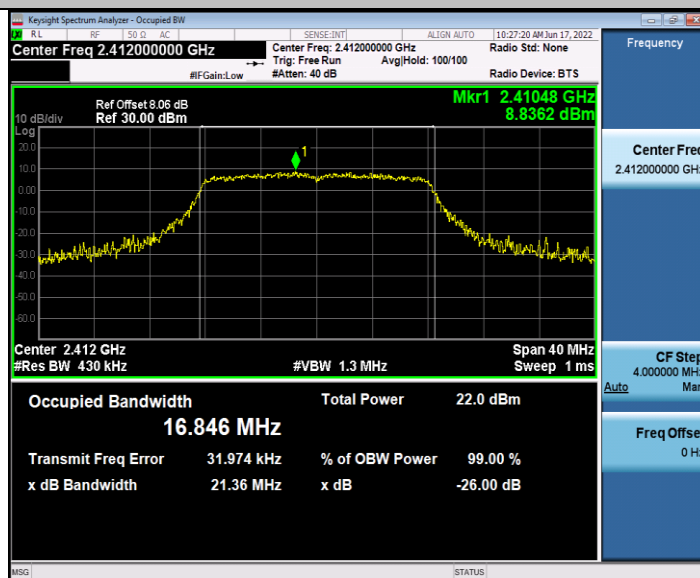
11B_Ant1_2462



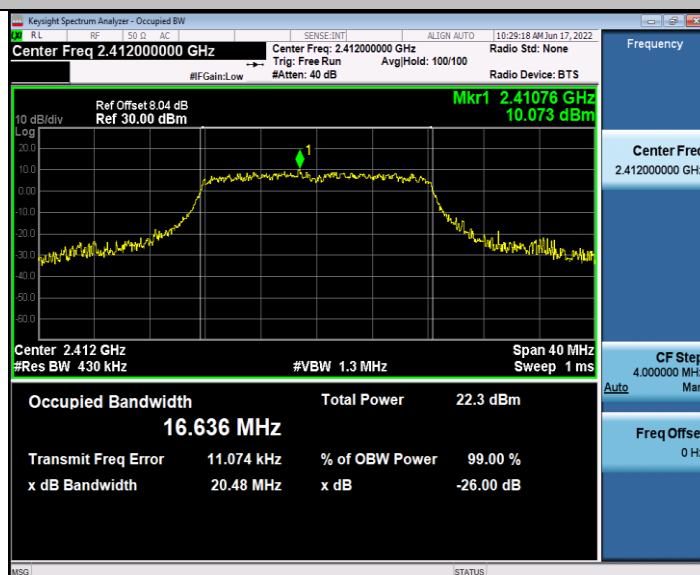
11B_Ant2_2462



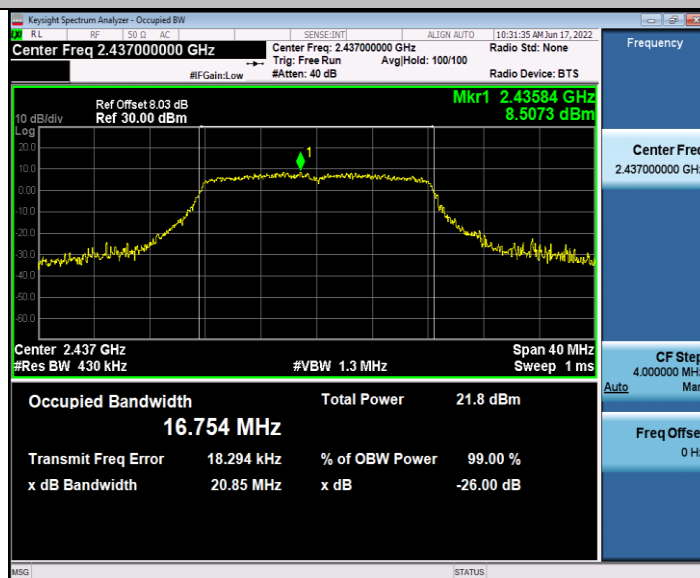
11G-CDD_Ant1_2412



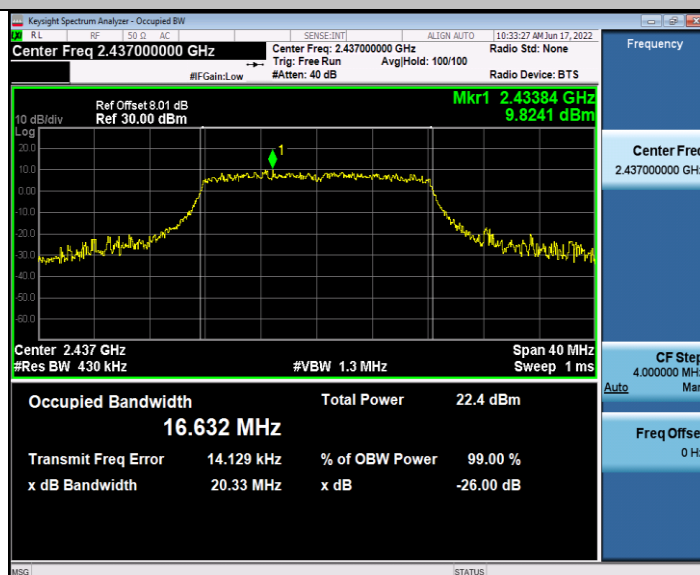
11G-CDD_Ant2_2412



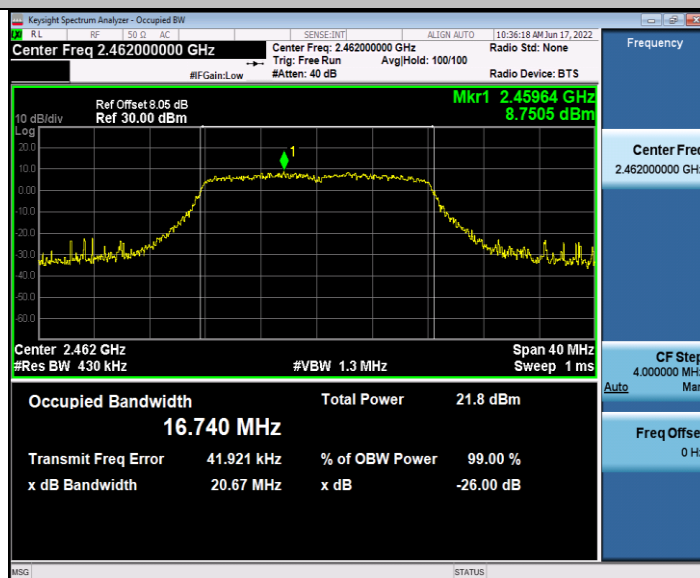
11G-CDD_Ant1_2437



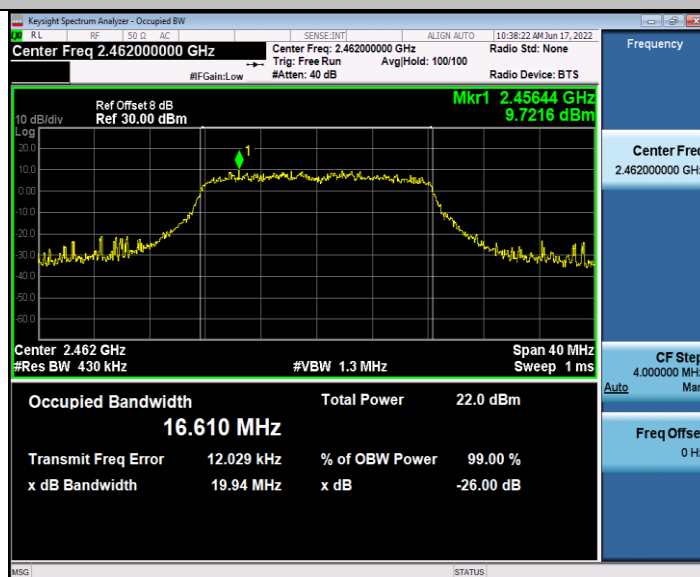
11G-CDD_Ant2_2437



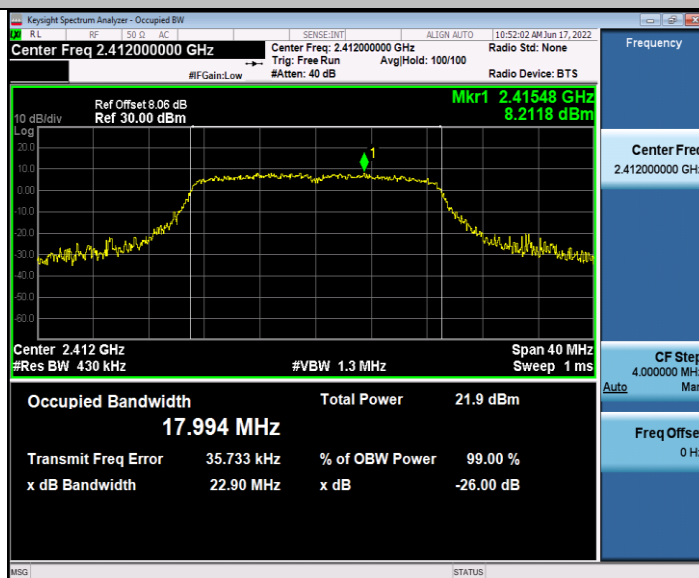
11G-CDD_Ant1_2462



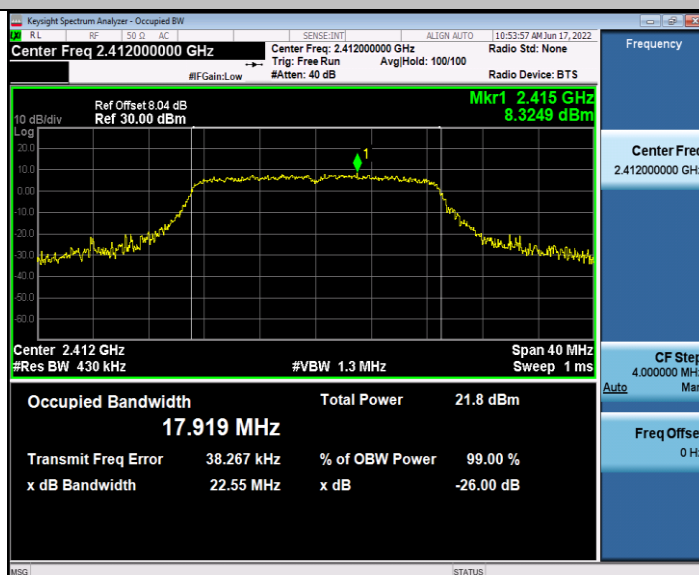
11G-CDD_Ant2_2462



11N20MIMO_Ant1_2412

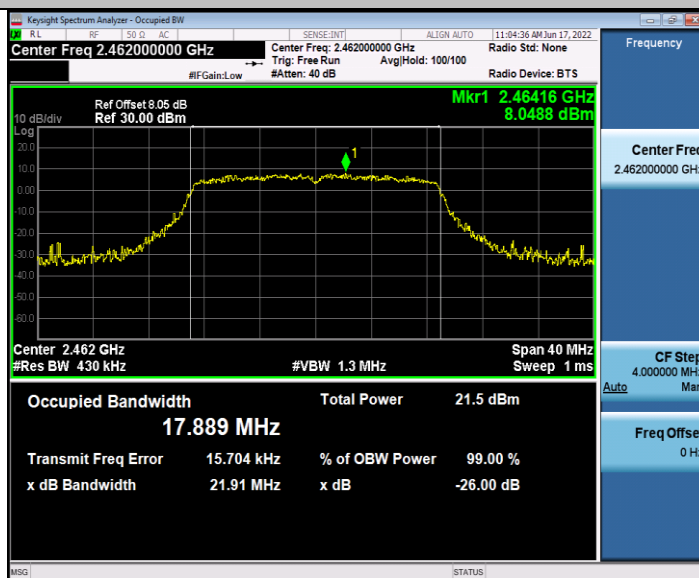


11N20MIMO_Ant2_2412

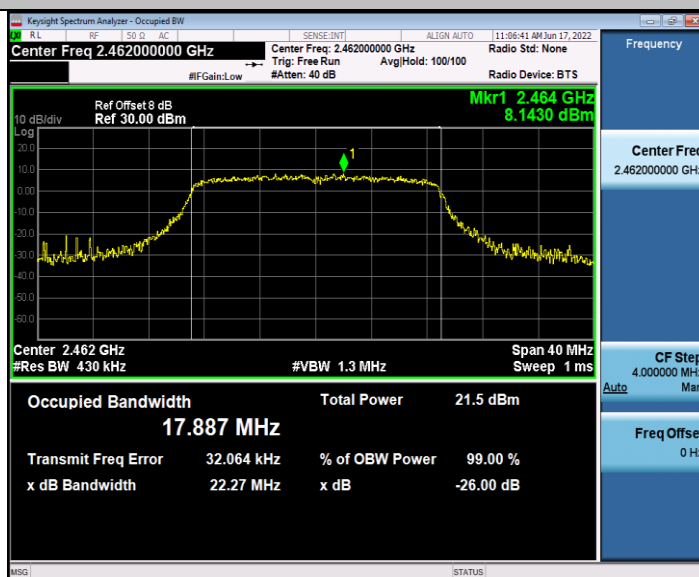




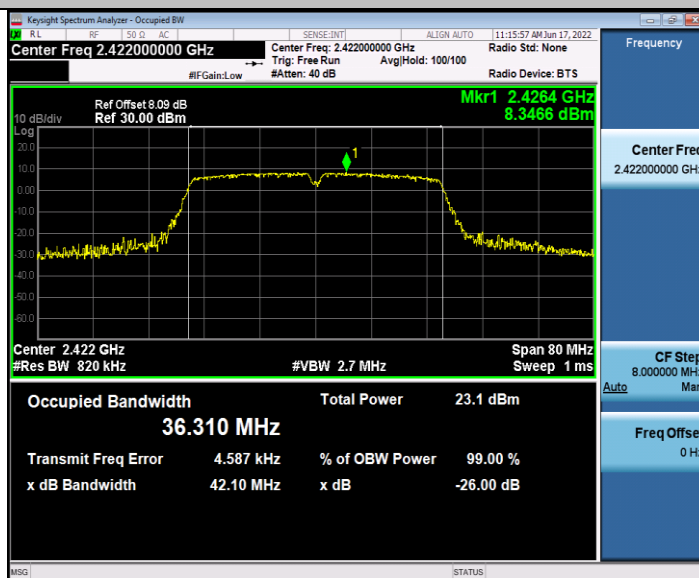
11N20MIMO_Ant1_2462



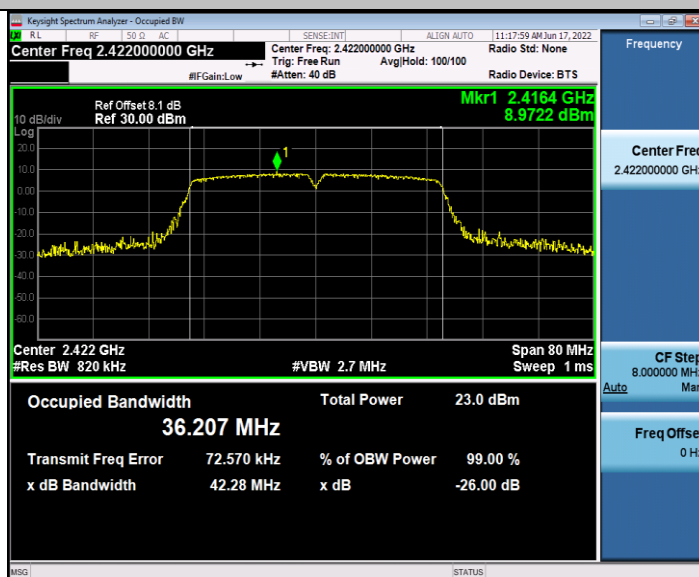
11N20MIMO_Ant2_2462



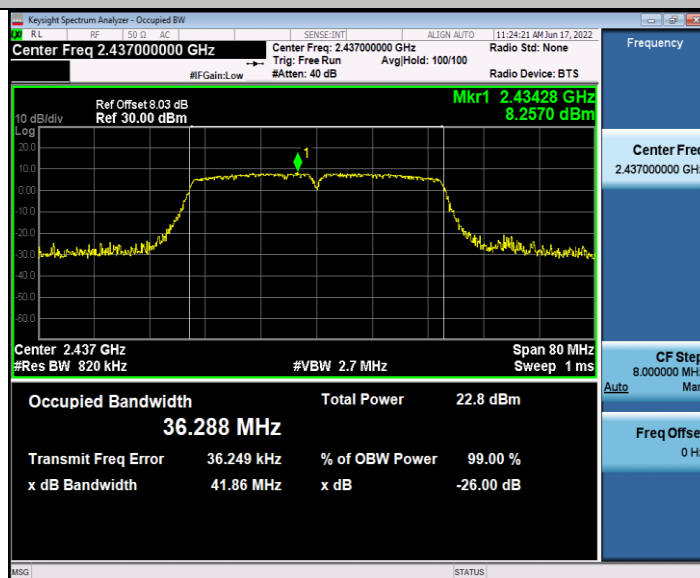
11N40MIMO_Ant1_2422



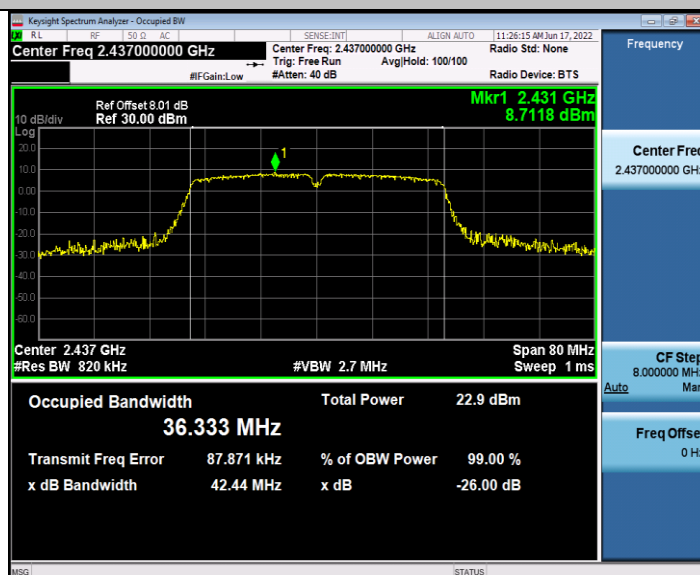
11N40MIMO_Ant2_2422



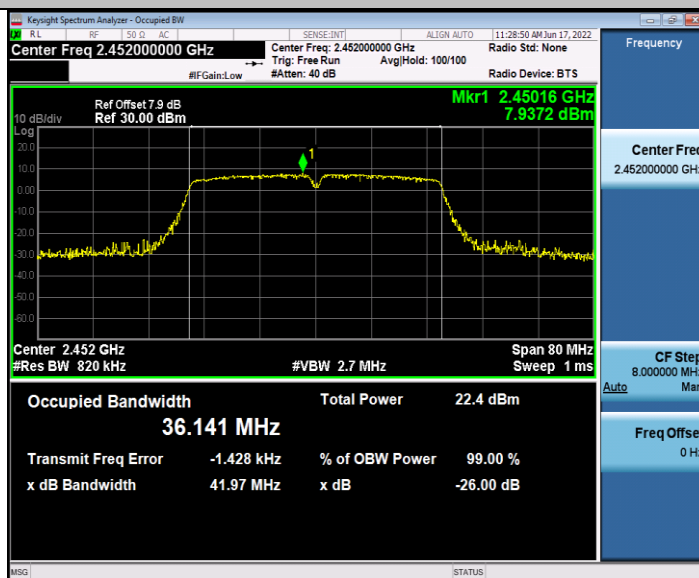
11N40MIMO_Ant1_2437



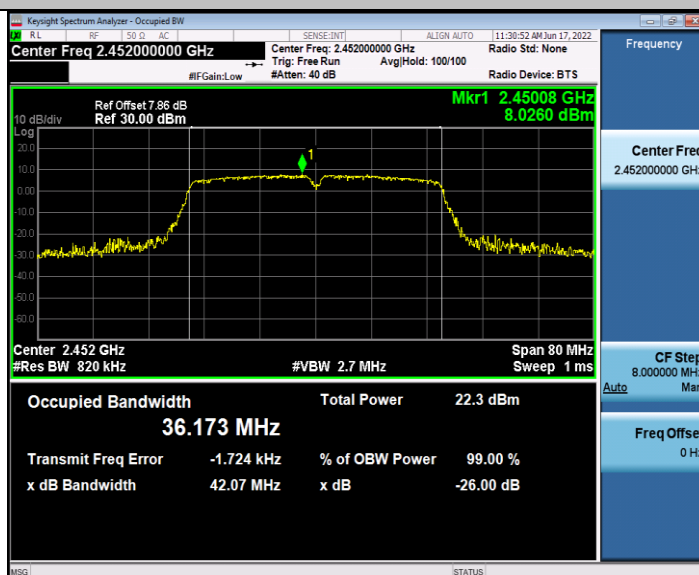
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor (dB)	Result [dBm]	Conducted Limit [dBm]	E.I.R.P. [dBm]	E.I.R.P. Limit [dBm]	Verdict
11B	Ant1	2412	96.13	0.17	16.82	≤30.00	19.82	36.02	PASS
	Ant2	2412	96.13	0.17	16.97	≤30.00	19.97	36.02	PASS
	Ant1	2437	96.13	0.17	16.7	≤30.00	19.7	36.02	PASS
	Ant2	2437	96.13	0.17	16.89	≤30.00	19.89	36.02	PASS
	Ant1	2462	96.13	0.17	16.73	≤30.00	19.73	36.02	PASS
	Ant2	2462	96.13	0.17	16.34	≤30.00	19.34	36.02	PASS
11G-CDD	Ant1	2412	90.35	0.44	16.19	≤30.00	19.19	36.02	PASS
	Ant2	2412	90.35	0.44	15.99	≤30.00	18.99	36.02	PASS
	total	2412	90.35	0.44	19.1	≤30.00	22.1	36.02	PASS
	Ant1	2437	90.35	0.44	15.94	≤30.00	18.94	36.02	PASS
	Ant2	2437	90.35	0.44	15.9	≤30.00	18.9	36.02	PASS
	total	2437	90.35	0.44	18.93	≤30.00	21.93	36.02	PASS
	Ant1	2462	90.35	0.44	15.93	≤30.00	18.93	36.02	PASS
	Ant2	2462	90.35	0.44	15.42	≤30.00	18.42	36.02	PASS
	total	2462	90.35	0.44	18.69	≤30.00	21.69	36.02	PASS
11N20MIMO	Ant1	2412	90.14	0.45	16.1	≤30.00	19.1	36.02	PASS
	Ant2	2412	90.14	0.45	15.82	≤30.00	18.82	36.02	PASS
	total	2412	90.14	0.45	18.97	≤30.00	21.97	36.02	PASS
	Ant1	2437	90.14	0.45	15.43	≤30.00	18.43	36.02	PASS
	Ant2	2437	90.14	0.45	15.87	≤30.00	18.87	36.02	PASS
	total	2437	90.14	0.45	18.67	≤30.00	21.67	36.02	PASS
	Ant1	2462	90.14	0.45	15.65	≤30.00	18.65	36.02	PASS
	Ant2	2462	90.14	0.45	15.64	≤30.00	18.64	36.02	PASS
	total	2462	90.14	0.45	18.66	≤30.00	21.66	36.02	PASS
11N40MIMO	Ant1	2422	83.93	0.76	16.38	≤30.00	19.38	36.02	PASS
	Ant2	2422	83.93	0.76	16.3	≤30.00	19.3	36.02	PASS
	total	2422	83.93	0.76	19.35	≤30.00	22.35	36.02	PASS
	Ant1	2437	83.93	0.76	15.93	≤30.00	18.93	36.02	PASS

	Ant2	2437	83.93	0.76	16.29	≤30.00	19.29	36.02	PASS
	total	2437	83.93	0.76	19.12	≤30.00	22.12	36.02	PASS
	Ant1	2452	83.93	0.76	15.64	≤30.00	18.64	36.02	PASS
	Ant2	2452	83.93	0.76	15.52	≤30.00	18.52	36.02	PASS
	total	2452	83.93	0.76	18.59	≤30.00	21.59	36.02	PASS

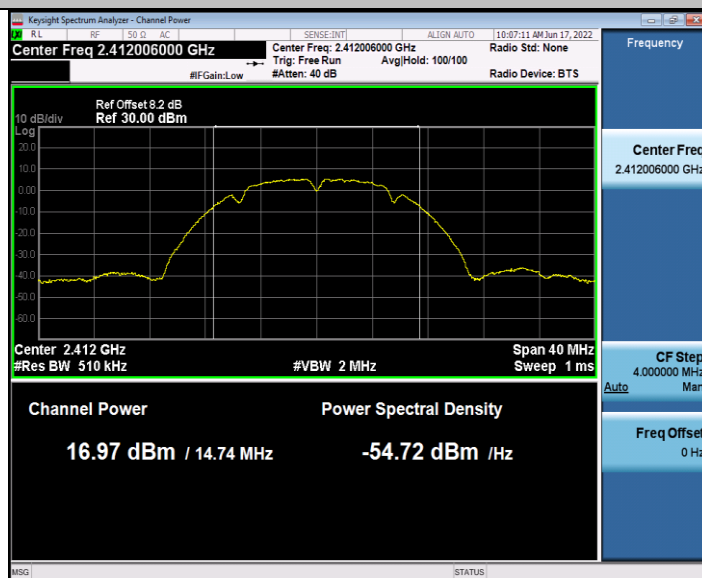
Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs

11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437



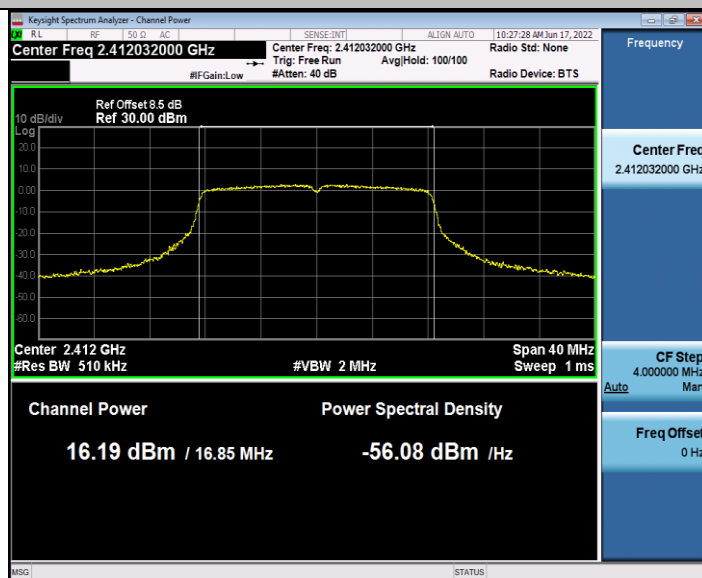
11B_Ant1_2462



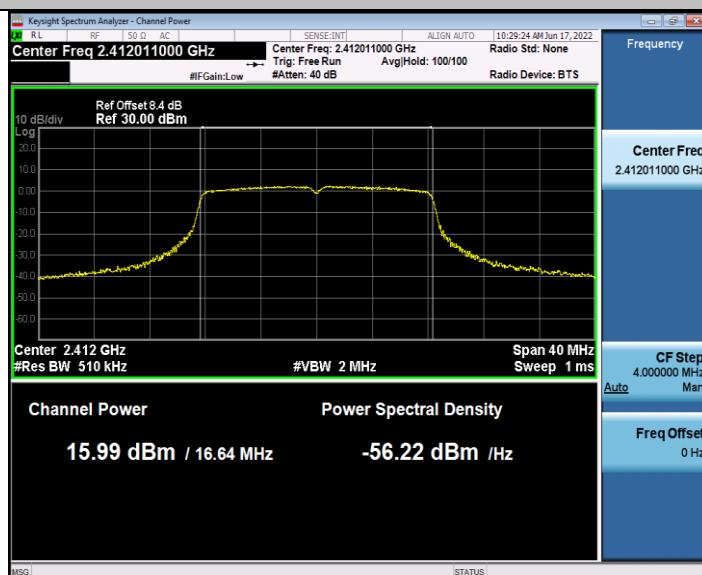
11B_Ant2_2462



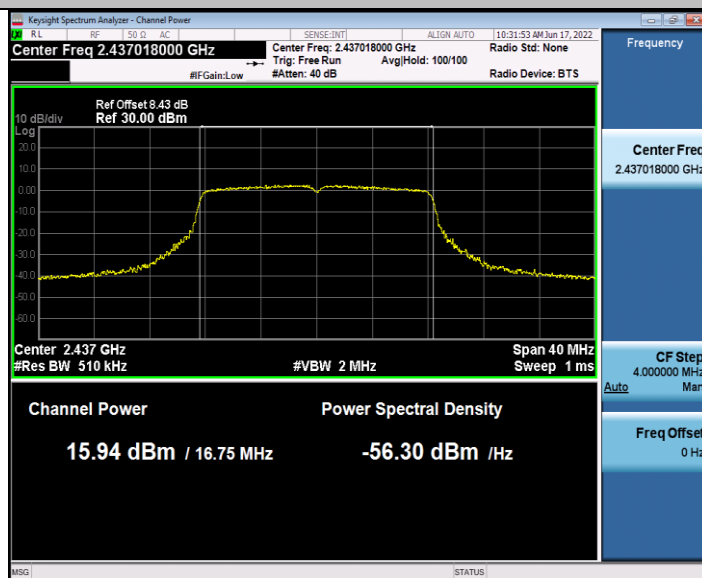
11G-CDD_Ant1_2412



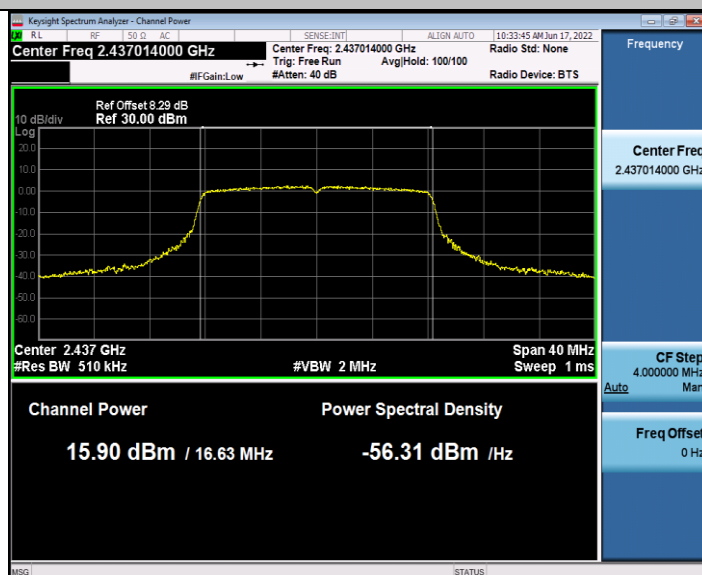
11G-CDD_Ant2_2412



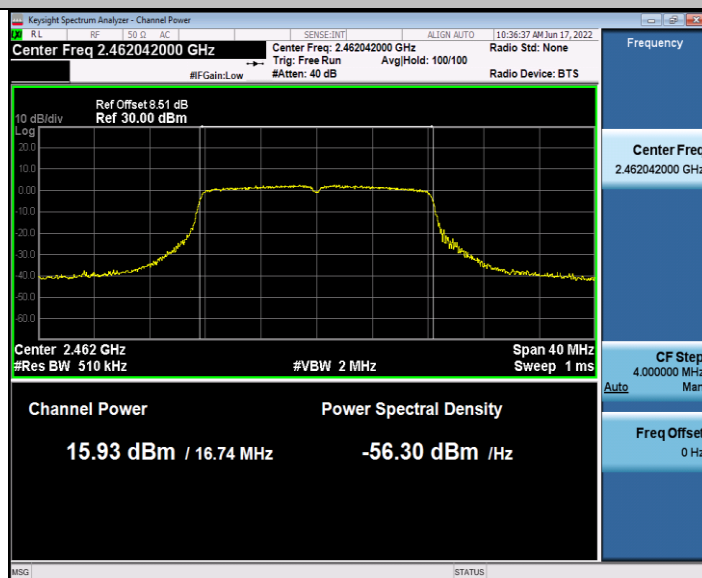
11G-CDD_Ant1_2437



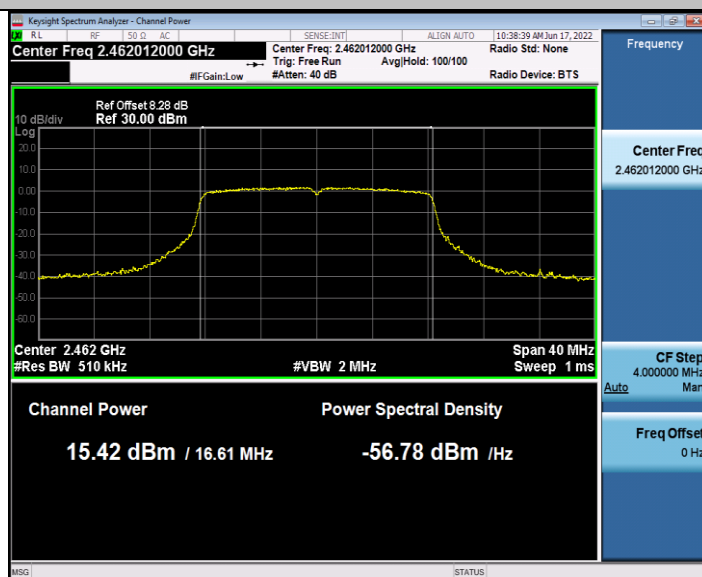
11G-CDD_Ant2_2437



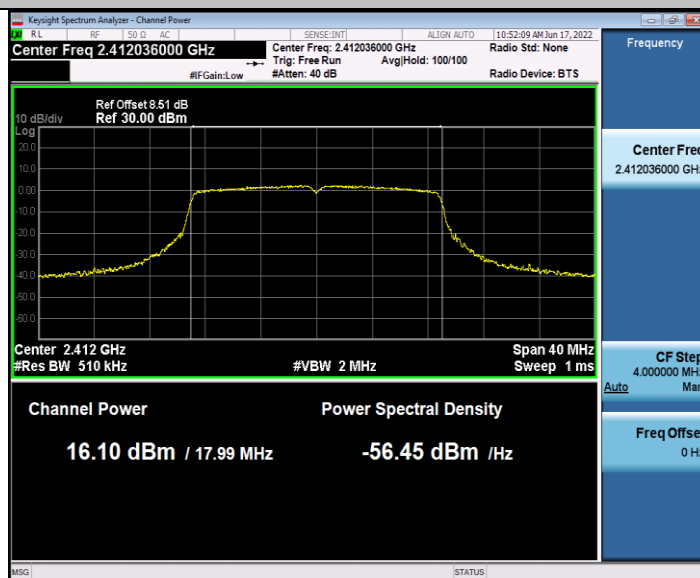
11G-CDD_Ant1_2462



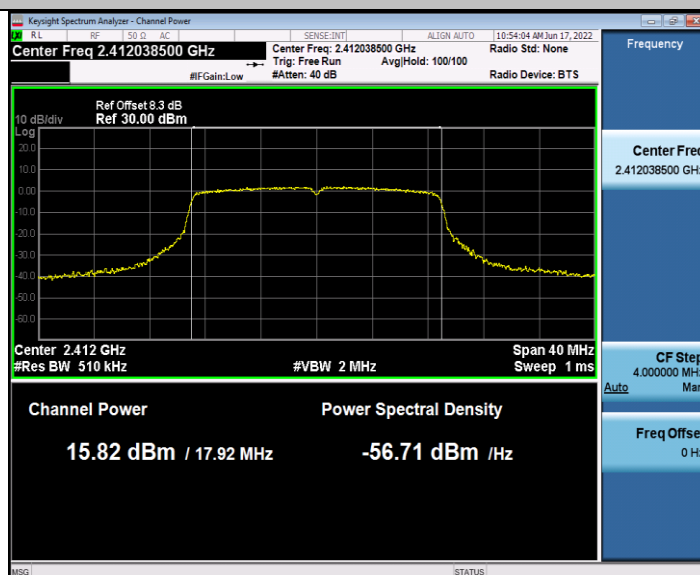
11G-CDD_Ant2_2462



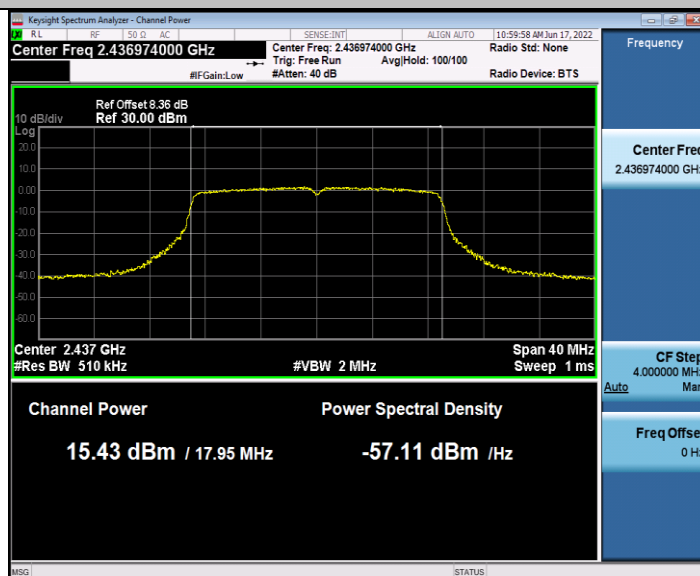
11N20MIMO_Ant1_2412



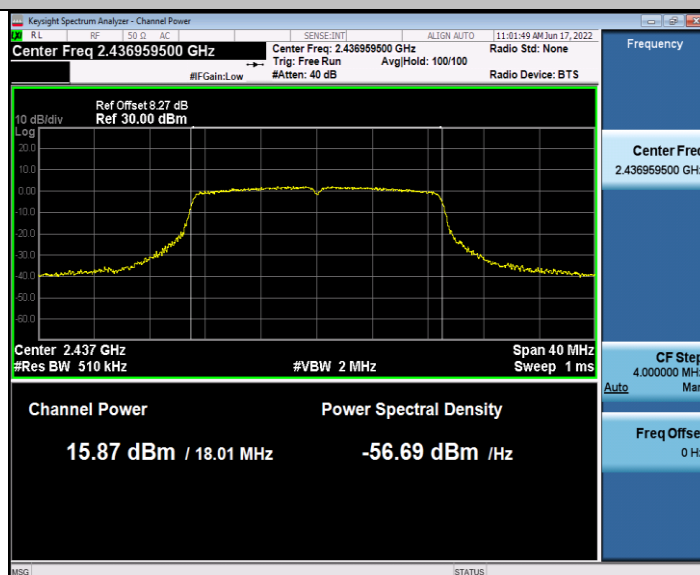
11N20MIMO_Ant2_2412



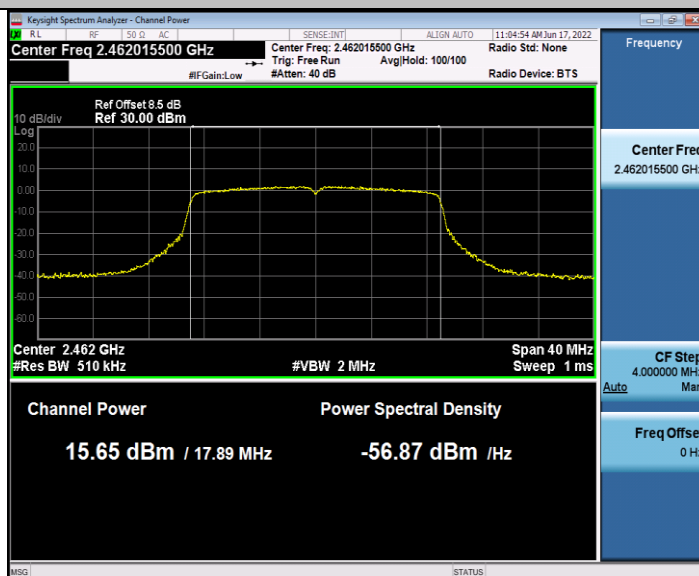
11N20MIMO_Ant1_2437



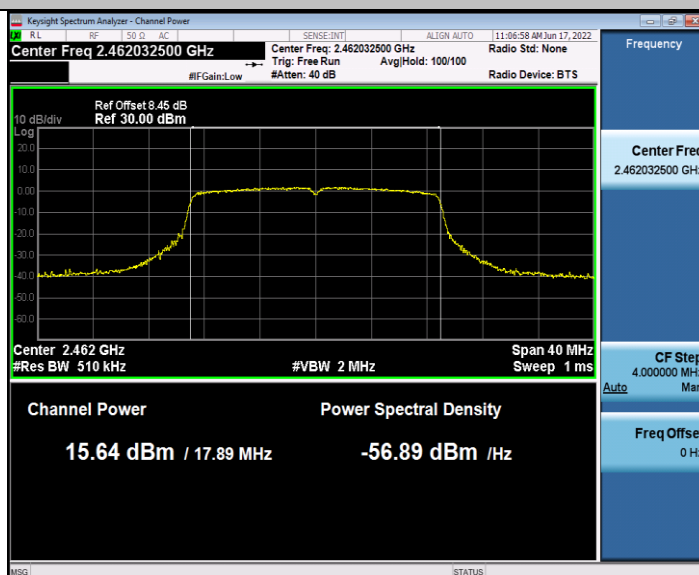
11N20MIMO_Ant2_2437



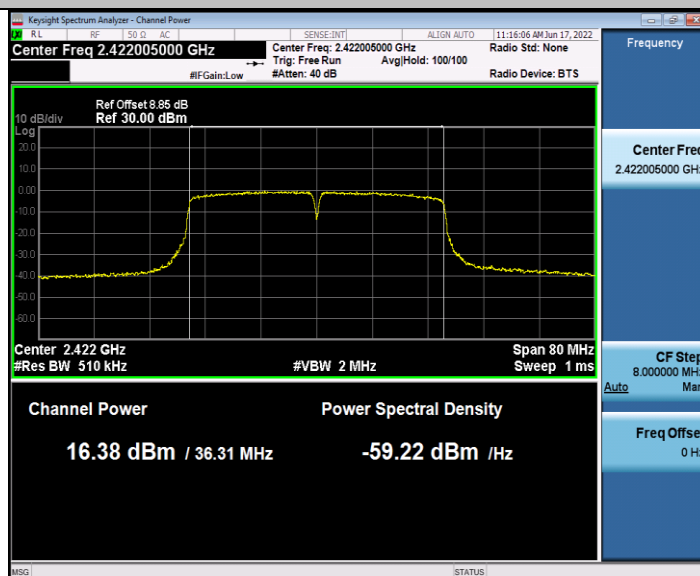
11N20MIMO_Ant1_2462



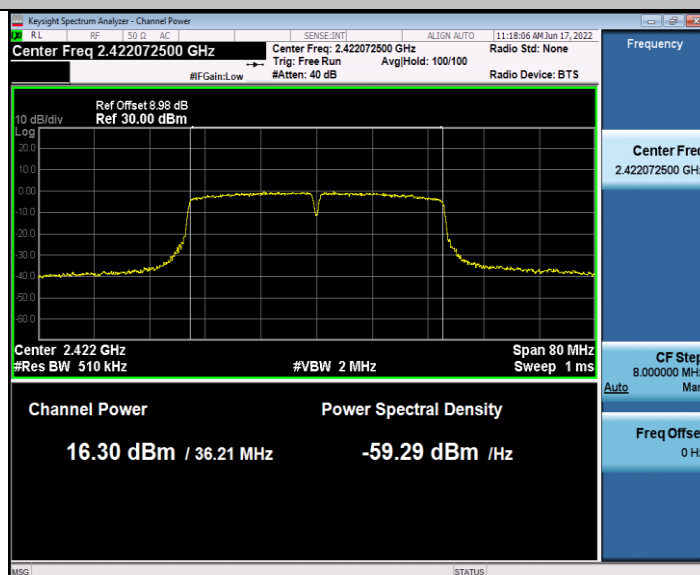
11N20MIMO_Ant2_2462



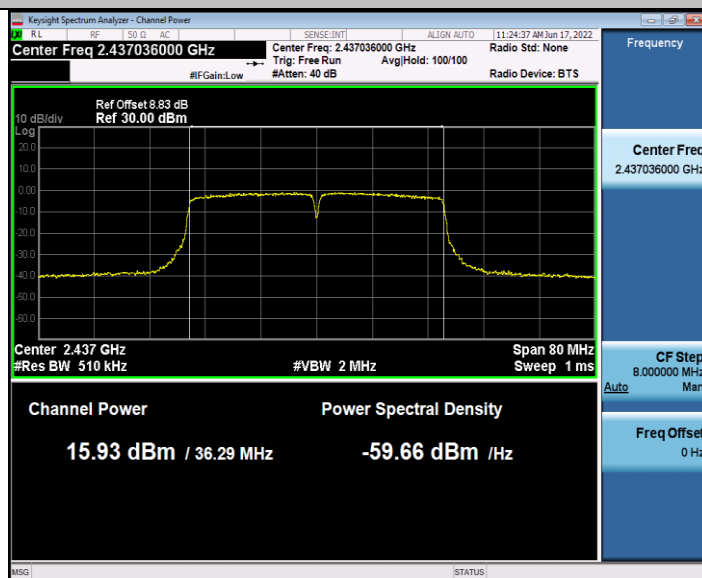
11N40MIMO_Ant1_2422



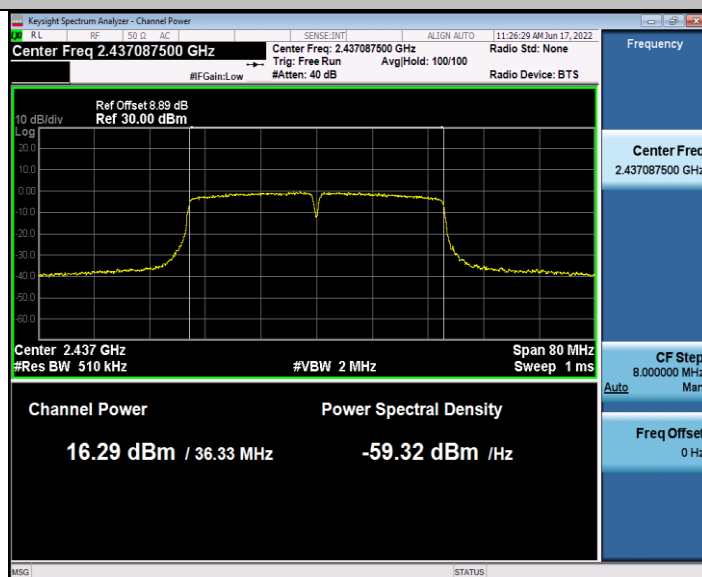
11N40MIMO_Ant2_2422



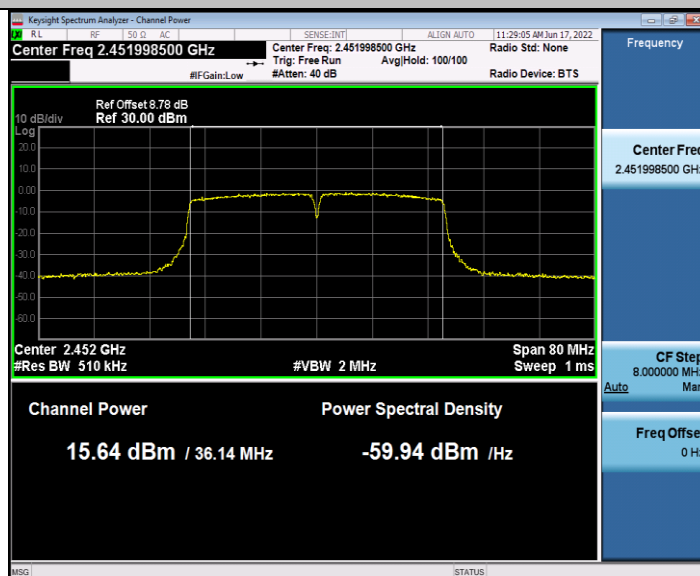
11N40MIMO_Ant1_2437



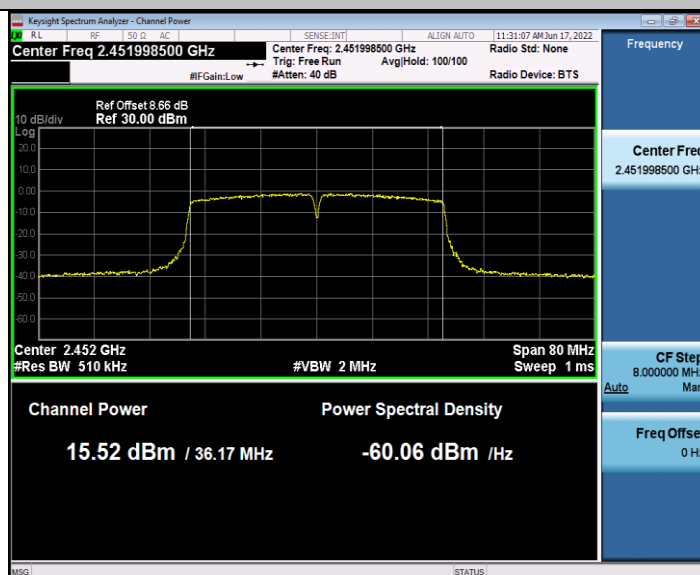
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



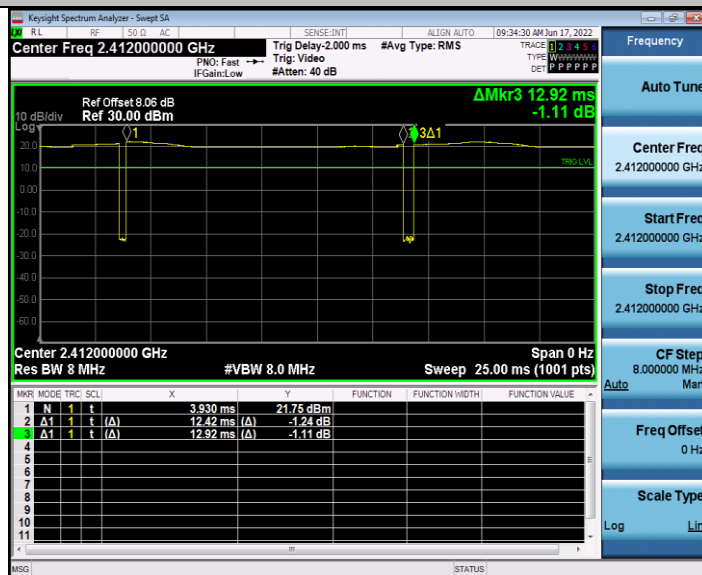
Appendix D: Duty Cycle

Test Result

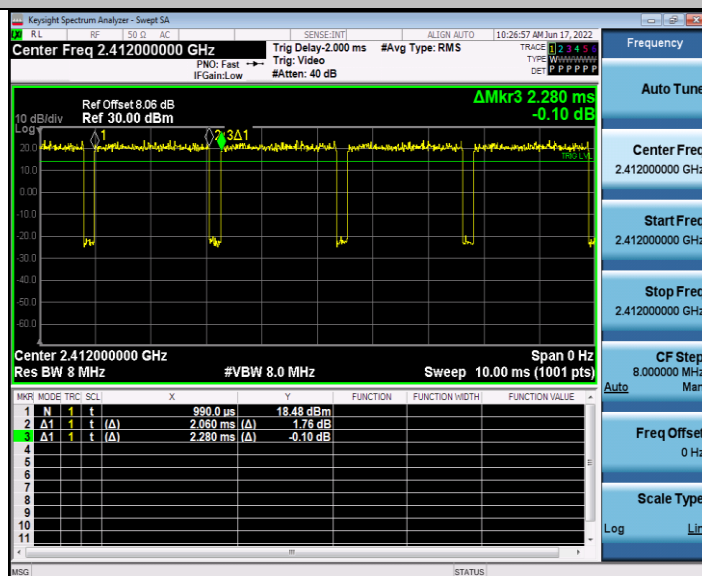
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.42	12.92	96.13	---	---
11G-CDD	Ant1	2412	2.06	2.28	90.35	---	---
11N20MIMO	Ant1	2412	1.92	2.13	90.14	---	---
11N40MIMO	Ant1	2422	0.94	1.12	83.93	---	---

Test Graphs

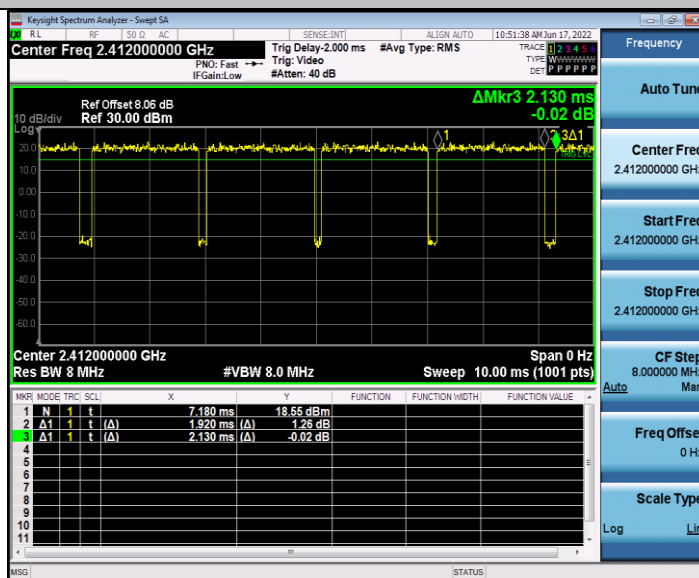
11B_Ant1_2412



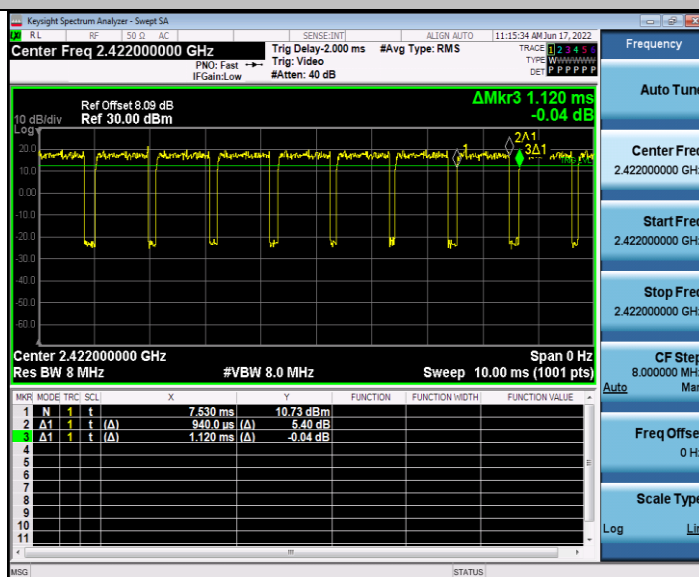
11G-CDD_Ant1_2412



11N20MIMO_Ant1_2412



11N40MIMO_Ant1_2422



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor (dB)	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	96.13	0.17	-5.61	-15.61	≤8.00	PASS
	Ant2	2412	96.13	0.17	-5.89	-15.89	≤8.00	PASS
	Ant1	2437	96.13	0.17	-5.68	-15.68	≤8.00	PASS
	Ant2	2437	96.13	0.17	-5.56	-15.56	≤8.00	PASS
	Ant1	2462	96.13	0.17	-6.14	-16.14	≤8.00	PASS
	Ant2	2462	96.13	0.17	-6.34	-16.34	≤8.00	PASS
11G-CDD	Ant1	2412	90.35	0.44	-7.42	-17.42	≤8.00	PASS
	Ant2	2412	90.35	0.44	-7.12	-17.12	≤8.00	PASS
	total	2412	90.35	0.44	-4.26	-14.26	≤8.00	PASS
	Ant1	2437	90.35	0.44	-7.19	-17.19	≤8.00	PASS
	Ant2	2437	90.35	0.44	-7.19	-17.19	≤8.00	PASS
	total	2437	90.35	0.44	-4.18	-14.18	≤8.00	PASS
	Ant1	2462	90.35	0.44	-7.67	-17.67	≤8.00	PASS
	Ant2	2462	90.35	0.44	-7.92	-17.92	≤8.00	PASS
	total	2462	90.35	0.44	-4.78	-14.78	≤8.00	PASS
11N20MIMO	Ant1	2412	90.14	0.45	-7.48	-17.48	≤8.00	PASS
	Ant2	2412	90.14	0.45	-8.21	-18.21	≤8.00	PASS
	total	2412	90.14	0.45	-4.82	-14.82	≤8.00	PASS
	Ant1	2437	90.14	0.45	-7.91	-17.91	≤8.00	PASS
	Ant2	2437	90.14	0.45	-7.75	-17.75	≤8.00	PASS
	total	2437	90.14	0.45	-4.82	-14.82	≤8.00	PASS
	Ant1	2462	90.14	0.45	-8.08	-18.08	≤8.00	PASS
	Ant2	2462	90.14	0.45	-7.97	-17.97	≤8.00	PASS
	total	2462	90.14	0.45	-5.01	-15.01	≤8.00	PASS
11N40MIMO	Ant1	2422	83.93	0.76	-9.94	-19.94	≤8.00	PASS
	Ant2	2422	83.93	0.76	-10.15	-20.15	≤8.00	PASS
	total	2422	83.93	0.76	-7.03	-17.03	≤8.00	PASS
	Ant1	2437	83.93	0.76	-9.43	-19.43	≤8.00	PASS
	Ant2	2437	83.93	0.76	-9.81	-19.81	≤8.00	PASS

	total	2437	83.93	0.76	-6.61	-16.61	≤8.00	PASS
	Ant1	2452	83.93	0.76	-11.26	-21.26	≤8.00	PASS
	Ant2	2452	83.93	0.76	-10.53	-20.53	≤8.00	PASS
	total	2452	83.93	0.76	-7.87	-17.87	≤8.00	PASS

Note : The Duty Cycle Factor is compensated in the graph.

Result[dBm/3kHz]= Result[dBm/30kHz]-10*log₁₀(30/3)