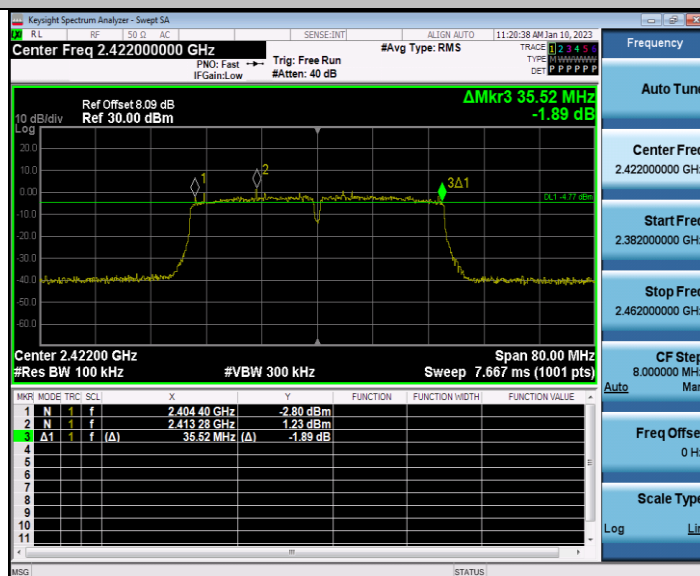
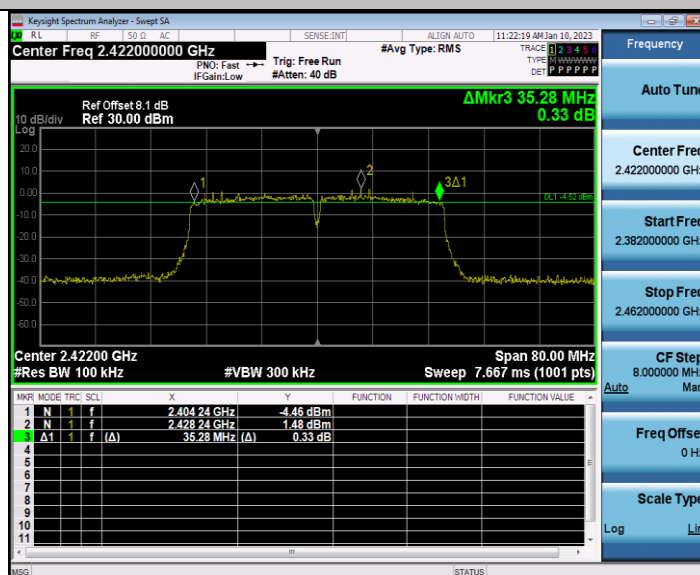


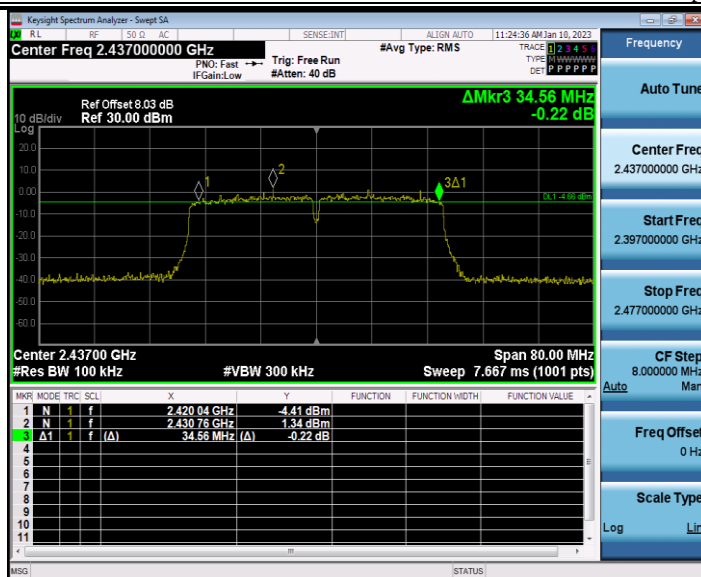
11N40MIMO_Ant1_2422



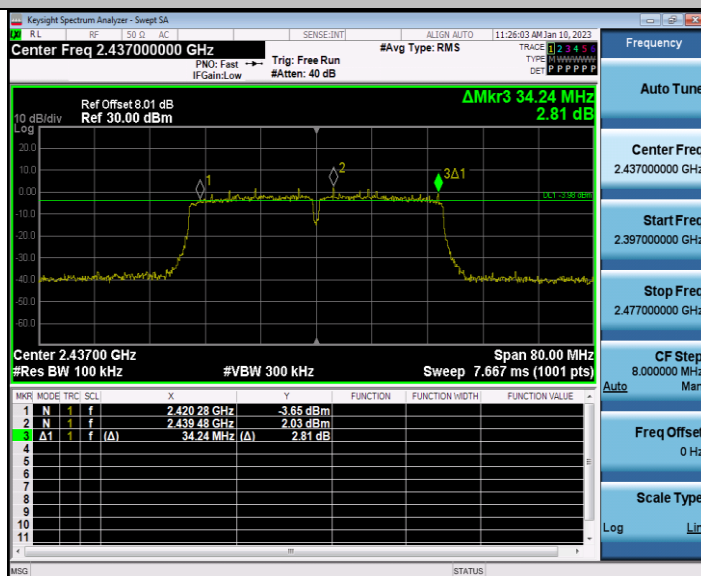
11N40MIMO_Ant2_2422



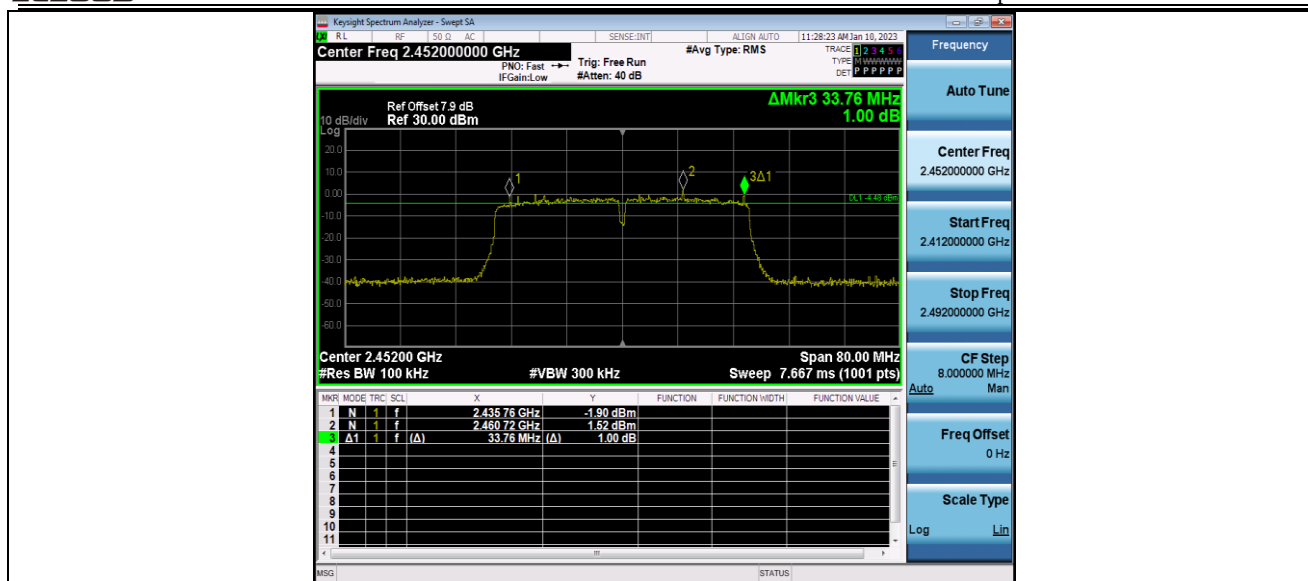
11N40MIMO_Ant1_2437



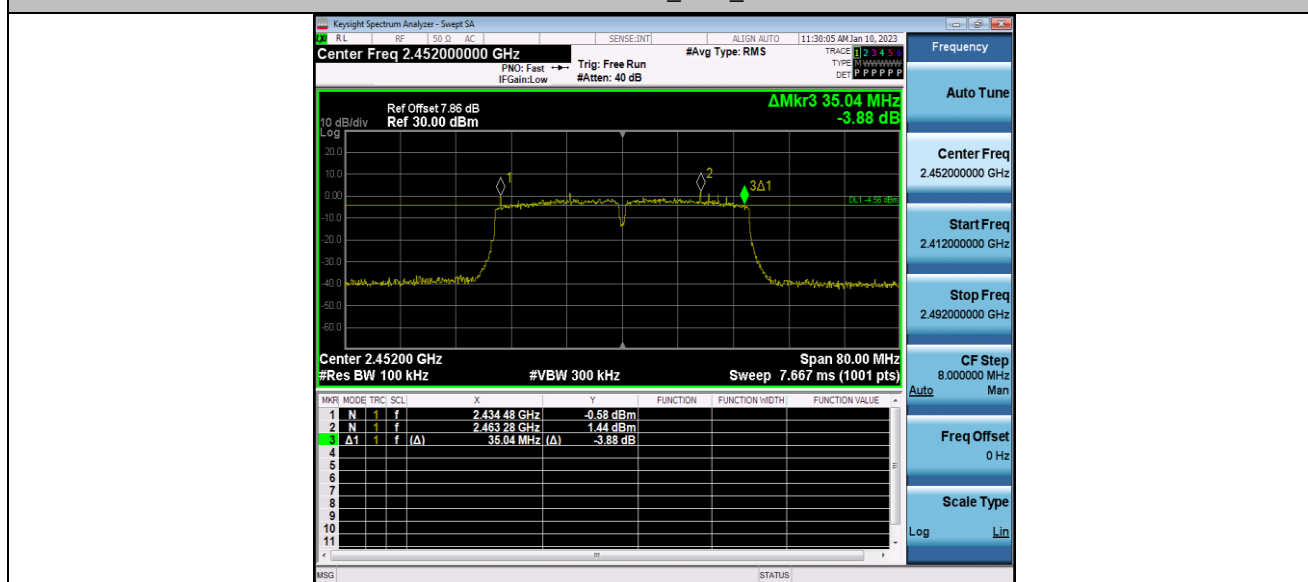
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



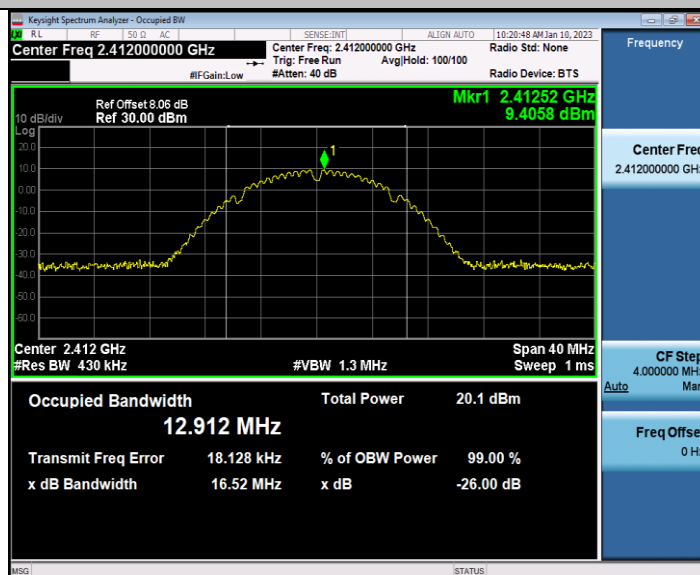
Appendix B: Occupied Channel Bandwidth

Test Result

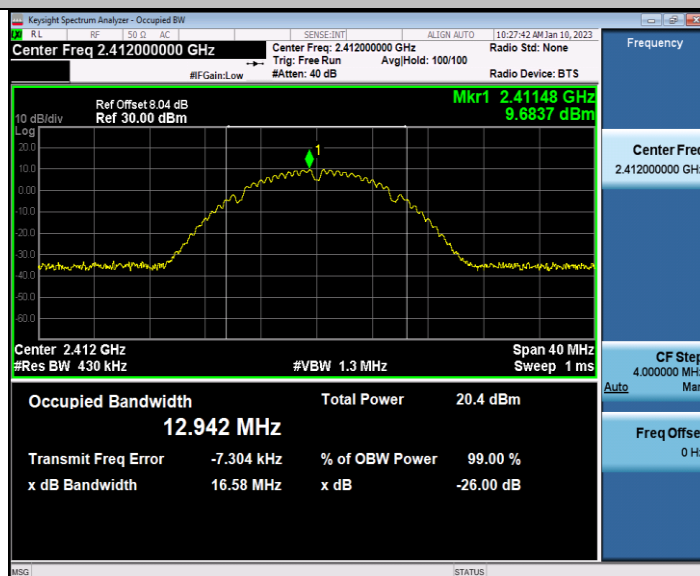
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.912	2405.5621	2418.4741	---	---
	Ant2	2412	12.942	2405.5217	2418.4637	---	---
	Ant1	2437	12.903	2430.5869	2443.4899	---	---
	Ant2	2437	12.949	2430.5402	2443.4892	---	---
	Ant1	2462	12.877	2455.6031	2468.4801	---	---
	Ant2	2462	12.924	2455.5474	2468.4714	---	---
11G-CDD	Ant1	2412	16.619	2403.7109	2420.3299	---	---
	Ant2	2412	16.614	2403.6933	2420.3073	---	---
	Ant1	2437	16.603	2428.7136	2445.3166	---	---
	Ant2	2437	16.601	2428.7073	2445.3083	---	---
	Ant1	2462	16.580	2453.7365	2470.3165	---	---
	Ant2	2462	16.601	2453.6972	2470.2982	---	---
11N20MIMO	Ant1	2412	17.735	2403.1303	2420.8653	---	---
	Ant2	2412	17.740	2403.1357	2420.8757	---	---
	Ant1	2437	17.732	2428.1426	2445.8746	---	---
	Ant2	2437	17.740	2428.1425	2445.8825	---	---
	Ant1	2462	17.704	2453.1590	2470.8630	---	---
	Ant2	2462	17.753	2453.1396	2470.8926	---	---
11N40MIMO	Ant1	2422	35.990	2404.0534	2440.0434	---	---
	Ant2	2422	35.891	2404.0448	2439.9358	---	---
	Ant1	2437	36.022	2419.0476	2455.0696	---	---
	Ant2	2437	35.937	2419.0379	2454.9749	---	---
	Ant1	2452	35.918	2434.0960	2470.0140	---	---
	Ant2	2452	35.925	2434.0459	2469.9709	---	---

Test Graphs

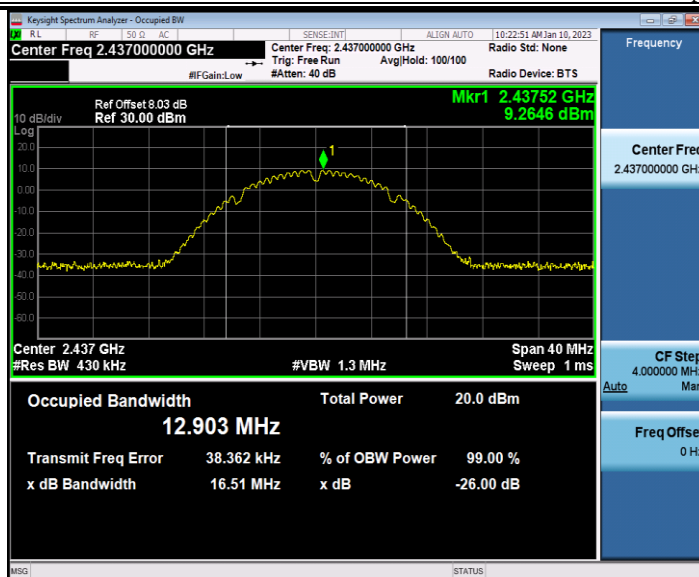
11B_Ant1_2412



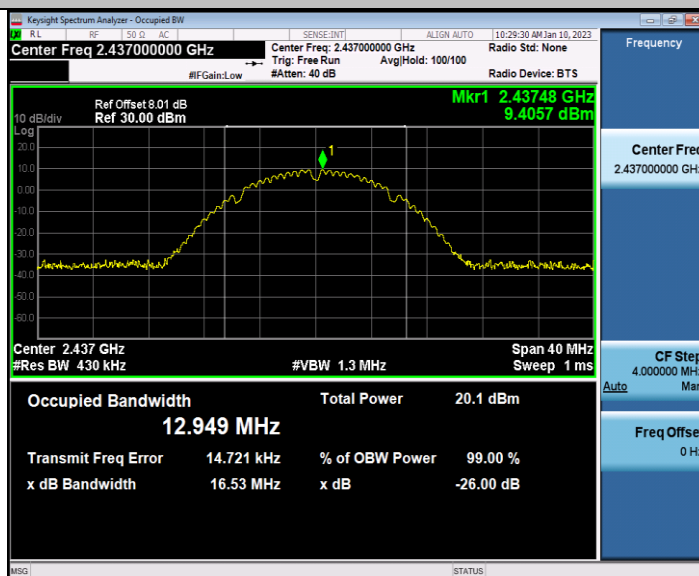
11B_Ant2_2412



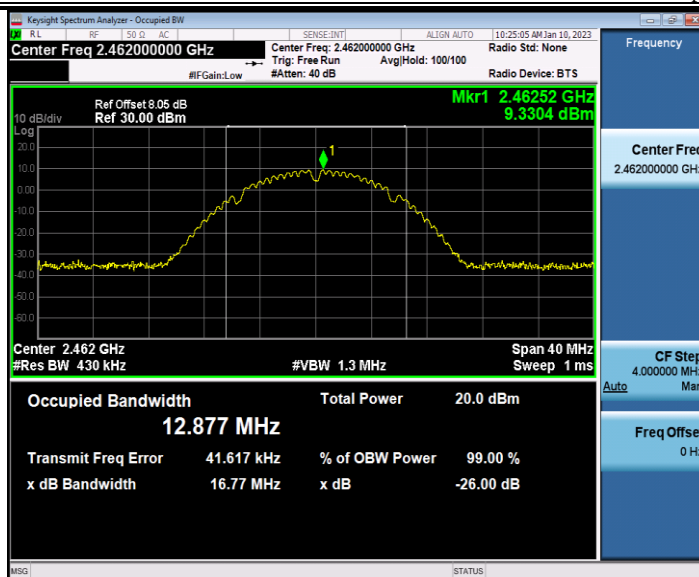
11B_Ant1_2437



11B_Ant2_2437



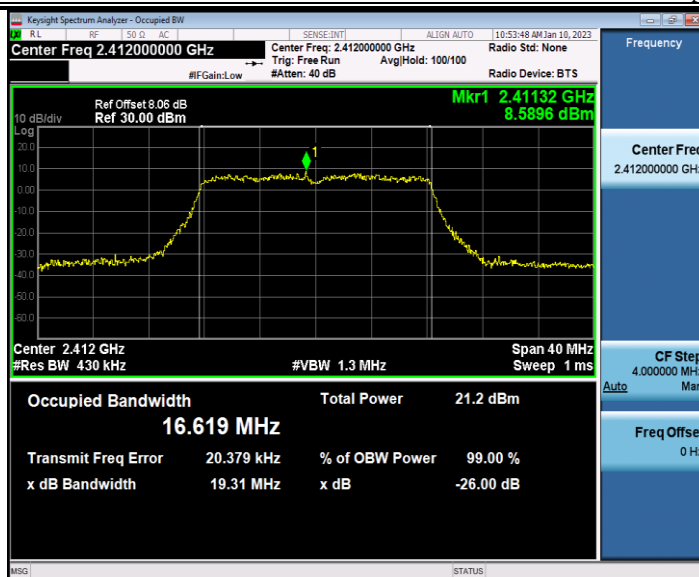
11B_Ant1_2462



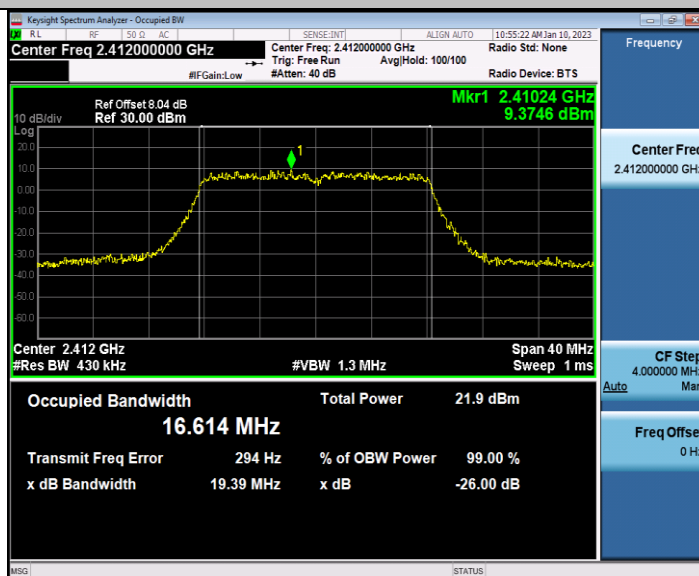
11B_Ant2_2462



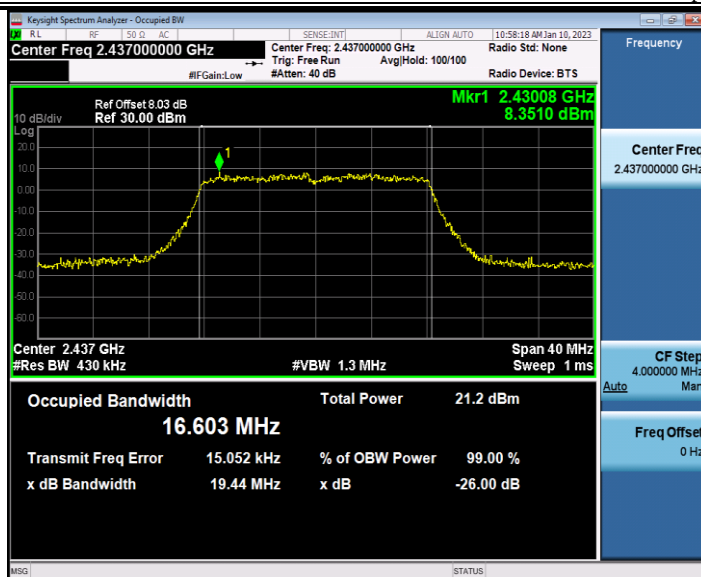
11G-CDD_Ant1_2412



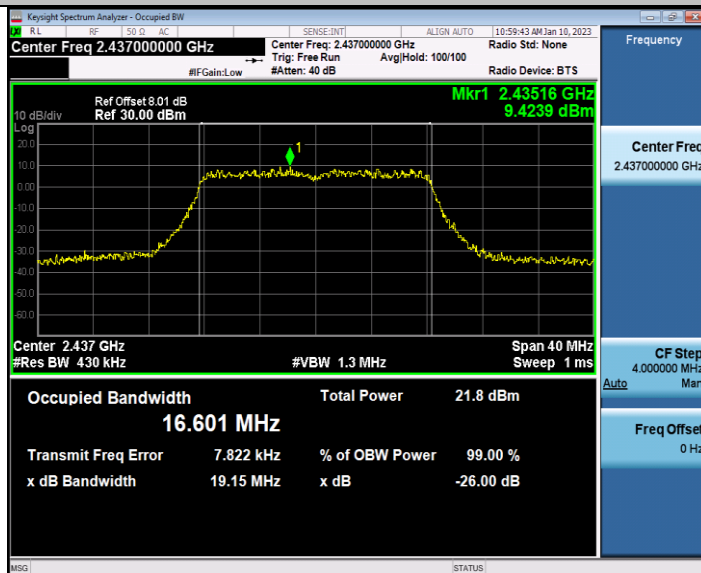
11G-CDD_Ant2_2412



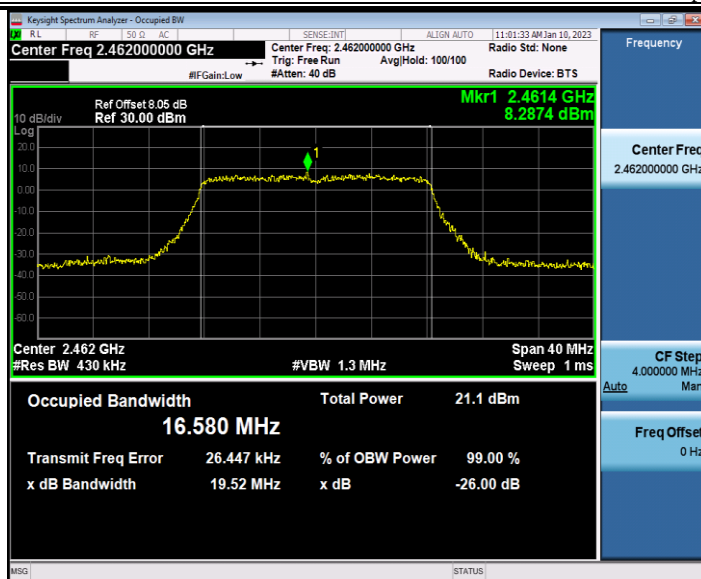
11G-CDD_Ant1_2437



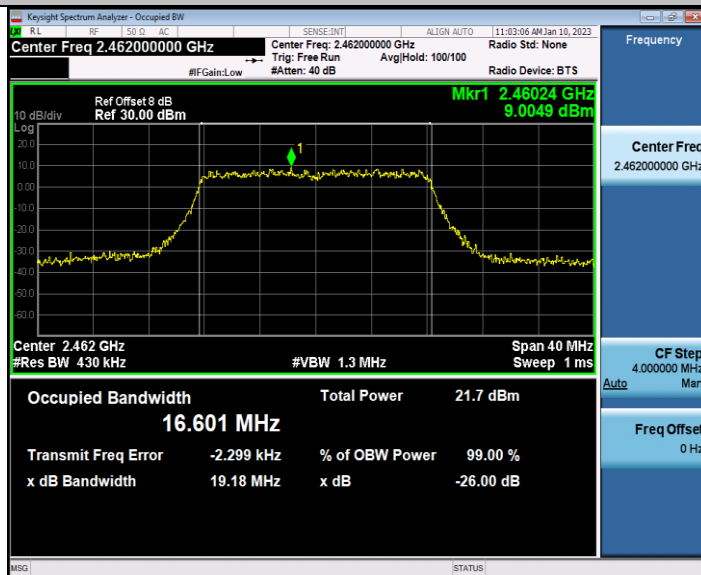
11G-CDD_Ant2_2437



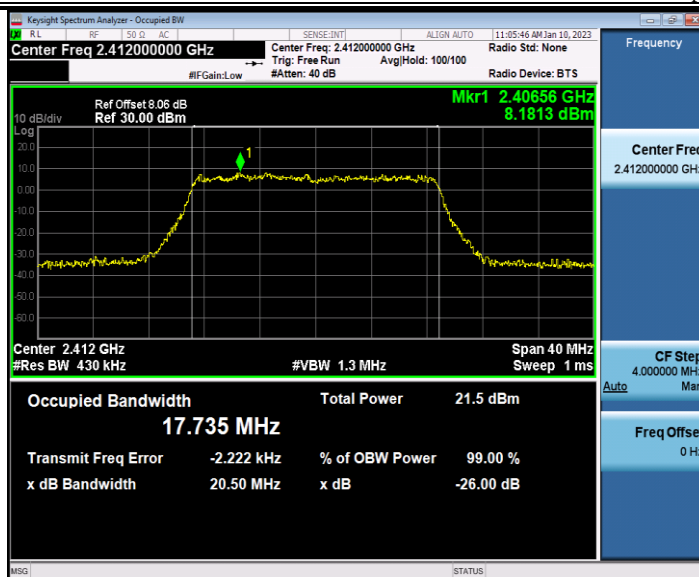
11G-CDD_Ant1_2462



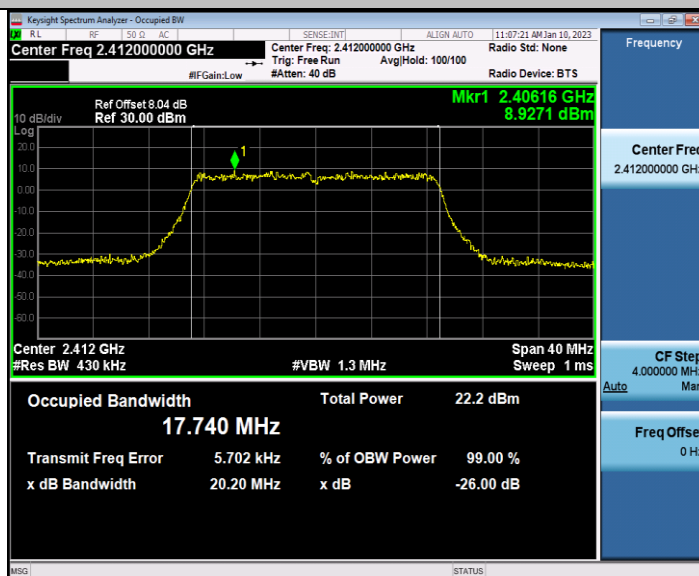
11G-CDD_Ant2_2462



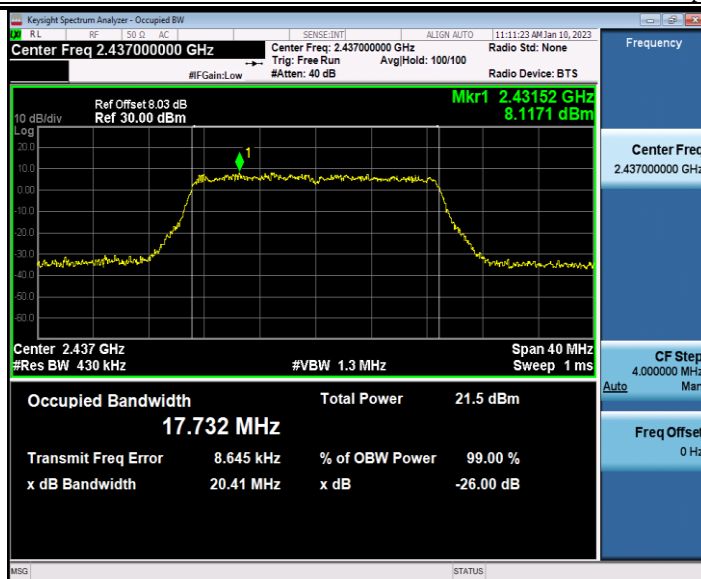
11N20MIMO_Ant1_2412



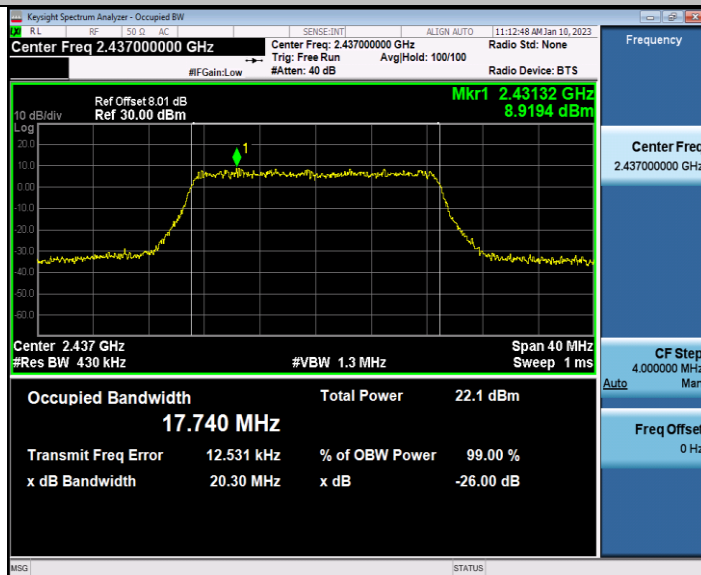
11N20MIMO_Ant2_2412



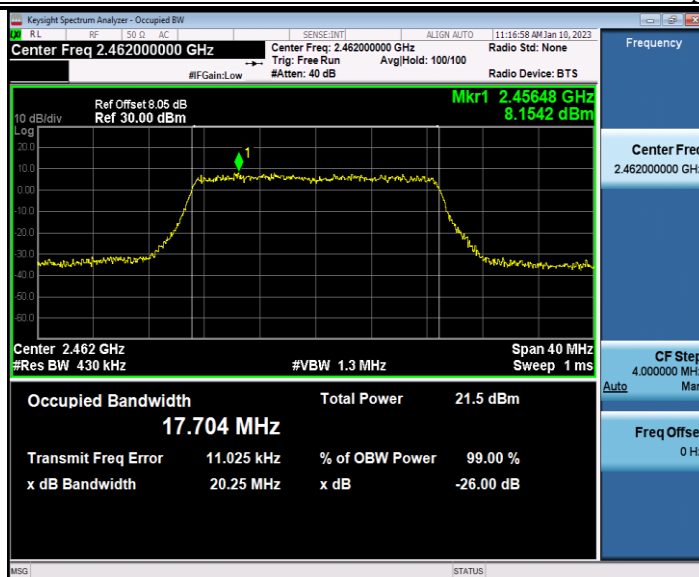
11N20MIMO_Ant1_2437



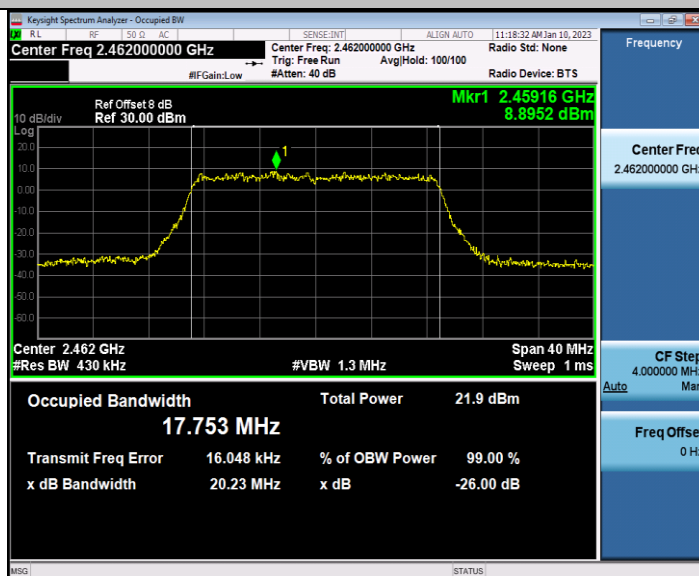
11N20MIMO_Ant2_2437



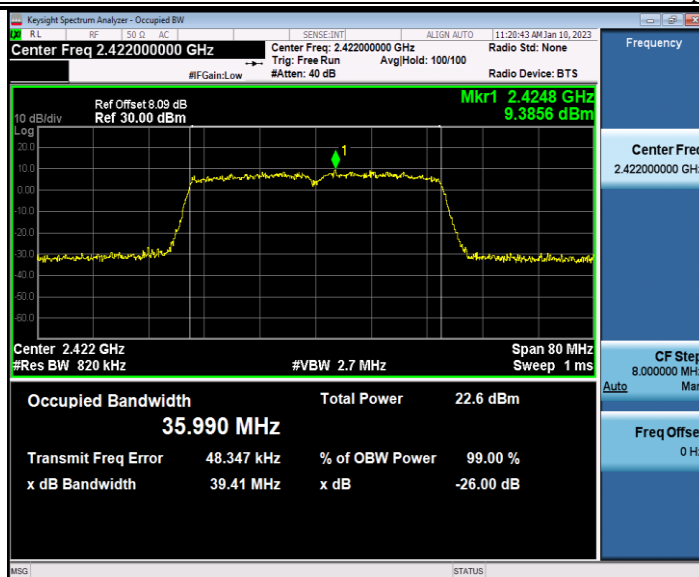
11N20MIMO_Ant1_2462



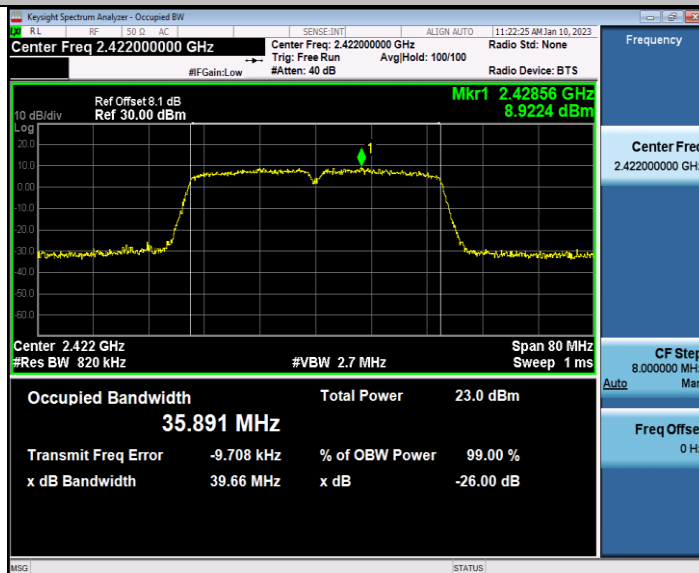
11N20MIMO_Ant2_2462



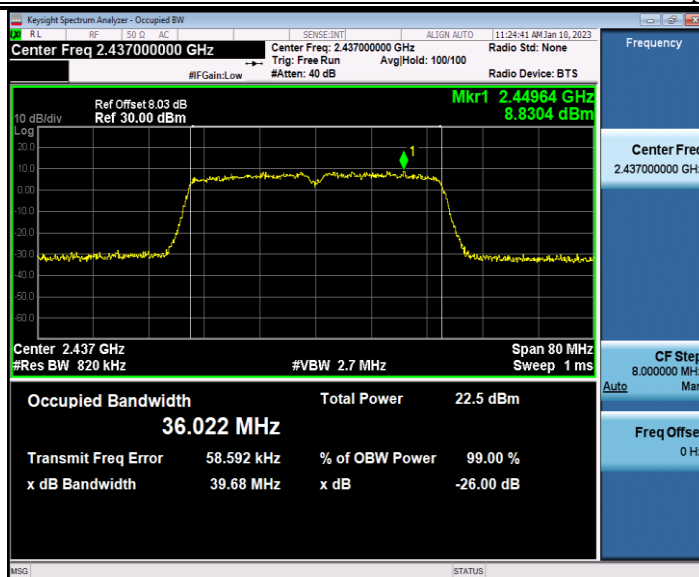
11N40MIMO_Ant1_2422



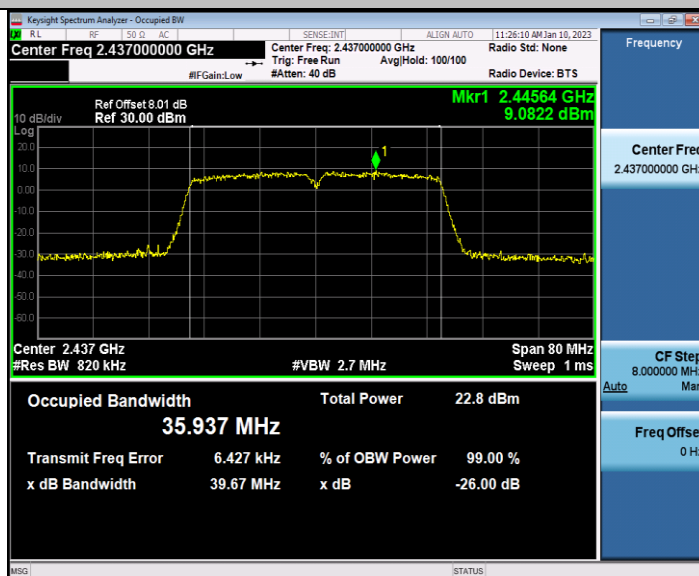
11N40MIMO_Ant2_2422



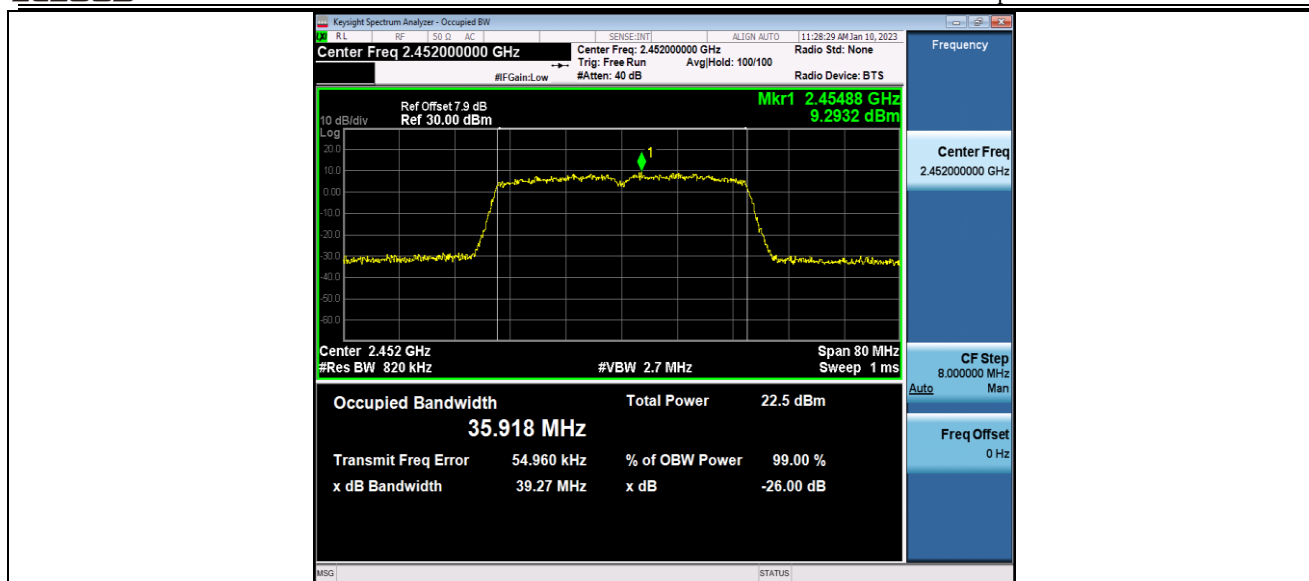
11N40MIMO_Ant1_2437



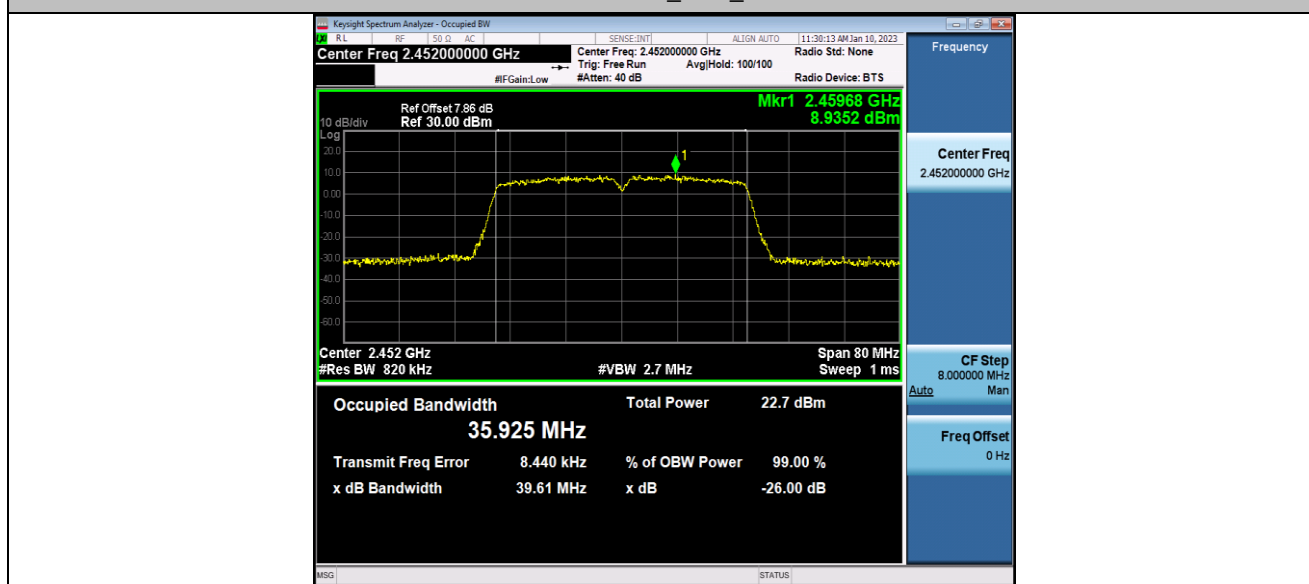
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



Appendix C: Maximum conducted output power

Test Result

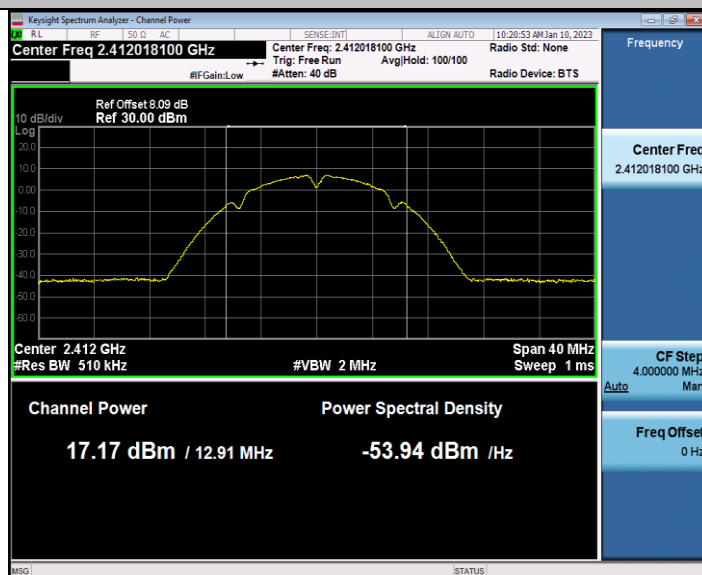
TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor (dB)	Result[dBm]	Limit[dBm]	E.I.R.P. [dBm]	E.I.R.P. Limit [dBm]	Verdict
11B	Ant1	2412	99.2	0.03	17.17	≤30.00	19.89	36.02	PASS
	Ant2	2412	99.2	0.03	17.42	≤30.00	20.14	36.02	PASS
	Ant1	2437	99.2	0.03	17.09	≤30.00	19.81	36.02	PASS
	Ant2	2437	99.2	0.03	17.22	≤30.00	19.94	36.02	PASS
	Ant1	2462	99.2	0.03	17.13	≤30.00	19.85	36.02	PASS
	Ant2	2462	99.2	0.03	17.19	≤30.00	19.91	36.02	PASS
11G-CDD	Ant1	2412	95.81	0.19	15.07	≤30.00	17.79	36.02	PASS
	Ant2	2412	95.81	0.19	15.58	≤30.00	18.3	36.02	PASS
	total	2412	95.81	0.19	18.34	≤30.00	21.06	36.02	PASS
	Ant1	2437	95.81	0.19	15.05	≤30.00	17.77	36.02	PASS
	Ant2	2437	95.81	0.19	15.36	≤30.00	18.08	36.02	PASS
	total	2437	95.81	0.19	18.22	≤30.00	20.94	36.02	PASS
	Ant1	2462	95.81	0.19	14.99	≤30.00	17.71	36.02	PASS
	Ant2	2462	95.81	0.19	16.3	≤30.00	19.02	36.02	PASS
	total	2462	95.81	0.19	18.7	≤30.00	21.42	36.02	PASS
11N20MIMO	Ant1	2412	98.03	0.09	14.94	≤30.00	17.66	36.02	PASS
	Ant2	2412	98.03	0.09	15.56	≤30.00	18.28	36.02	PASS
	total	2412	98.03	0.09	18.27	≤30.00	20.99	36.02	PASS
	Ant1	2437	98.03	0.09	15	≤30.00	17.72	36.02	PASS
	Ant2	2437	98.03	0.09	15.4	≤30.00	18.12	36.02	PASS
	total	2437	98.03	0.09	18.21	≤30.00	20.93	36.02	PASS
	Ant1	2462	98.03	0.09	15.04	≤30.00	17.76	36.02	PASS
	Ant2	2462	98.03	0.09	15.31	≤30.00	18.03	36.02	PASS
	total	2462	98.03	0.09	18.19	≤30.00	20.91	36.02	PASS
11N40MIMO	Ant1	2422	97.32	0.12	15.12	≤30.00	17.84	36.02	PASS
	Ant2	2422	97.32	0.12	16.21	≤30.00	18.93	36.02	PASS
	total	2422	97.32	0.12	18.71	≤30.00	21.43	36.02	PASS
	Ant1	2437	97.32	0.12	15.12	≤30.00	17.84	36.02	PASS

	Ant2	2437	97.32	0.12	15.58	≤30.00	18.3	36.02	PASS
	total	2437	97.32	0.12	18.37	≤30.00	21.09	36.02	PASS
	Ant1	2452	97.32	0.12	15.74	≤30.00	18.46	36.02	PASS
	Ant2	2452	97.32	0.12	15.99	≤30.00	18.71	36.02	PASS
	total	2452	97.32	0.12	18.88	≤30.00	21.6	36.02	PASS

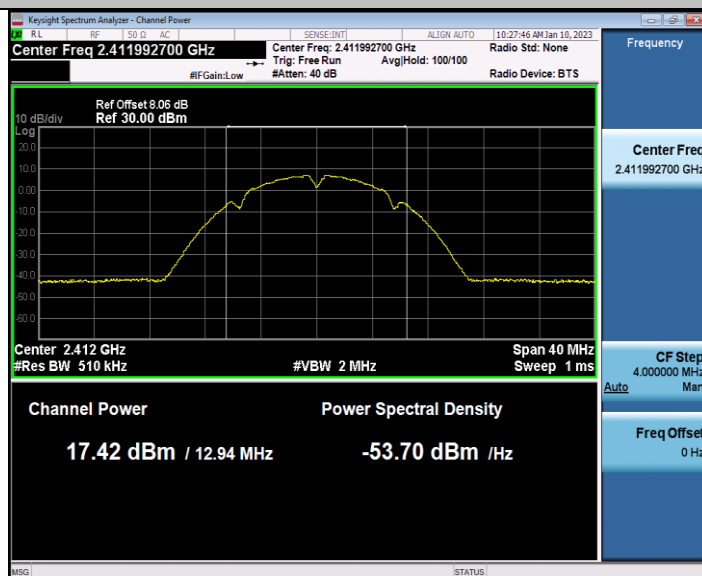
Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs

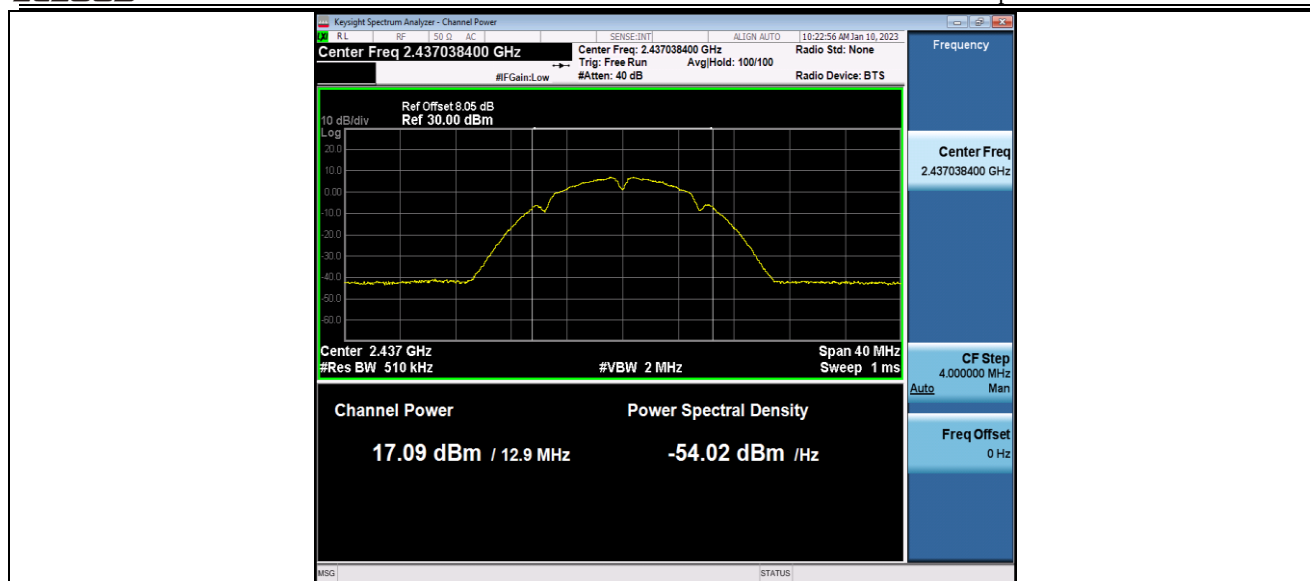
11B_Ant1_2412



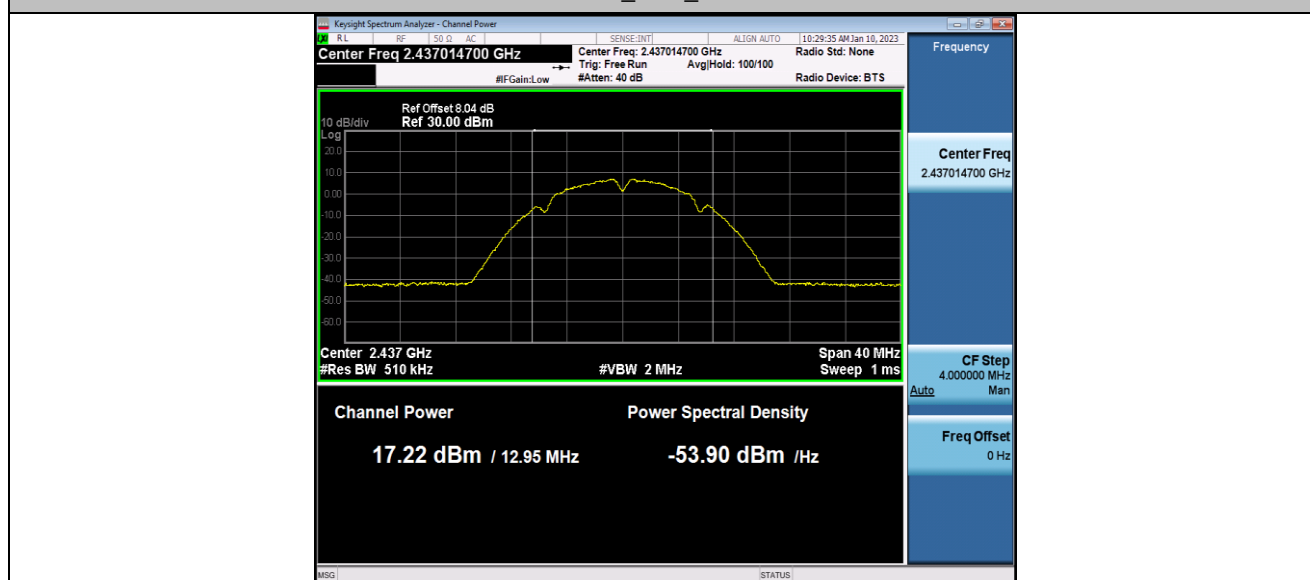
11B_Ant2_2412



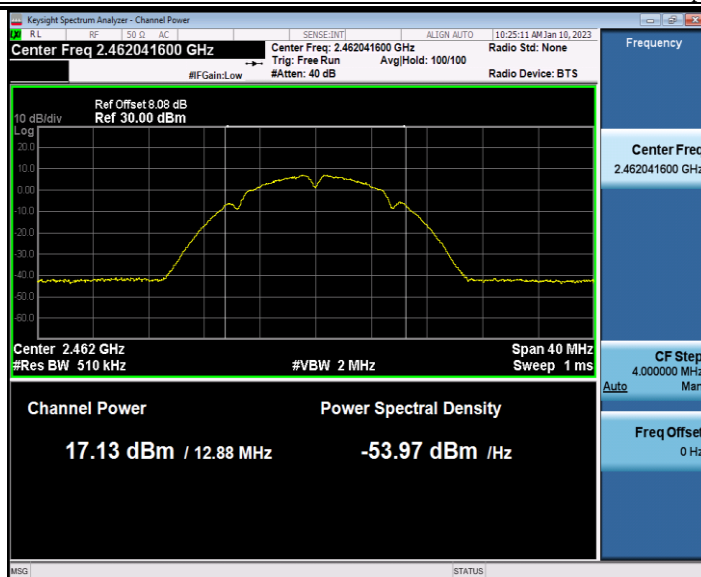
11B_Ant1_2437



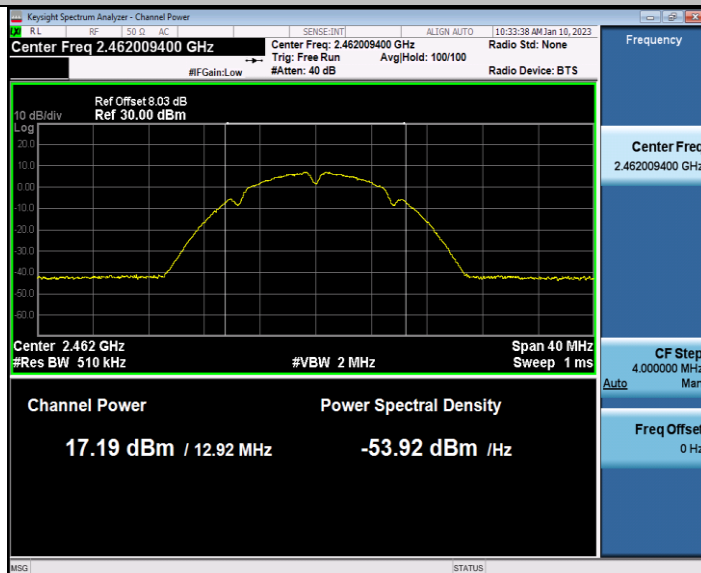
11B_Ant2_2437



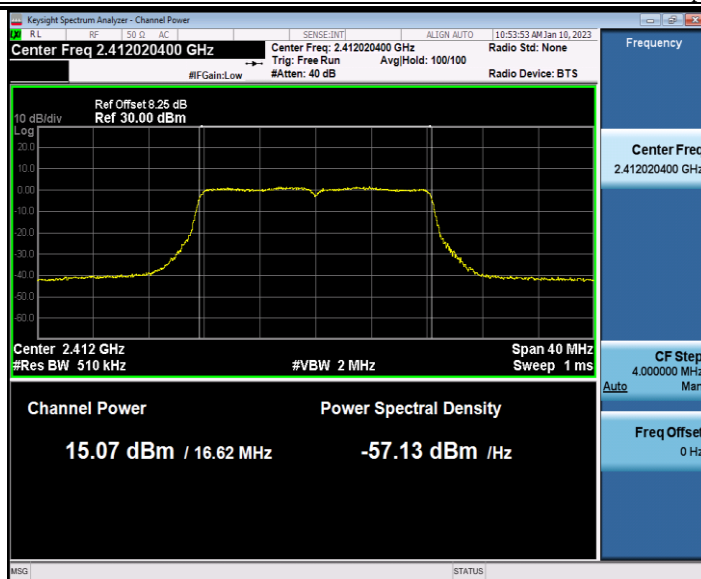
11B_Ant1_2462



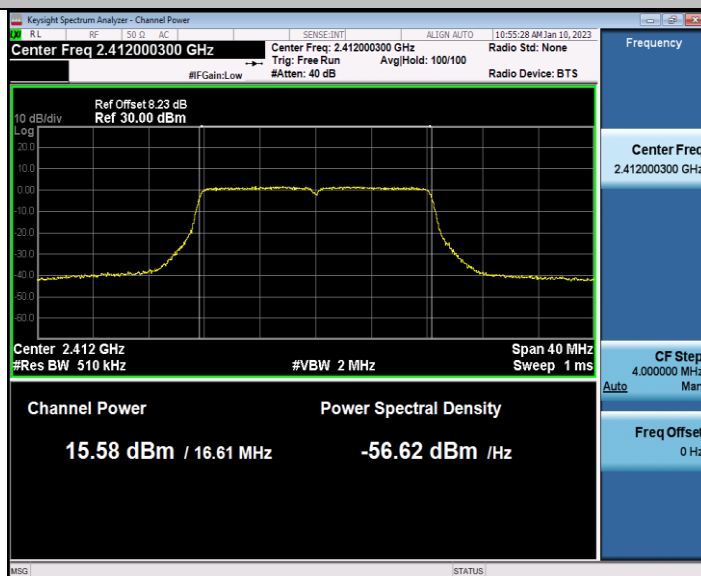
11B_Ant2_2462



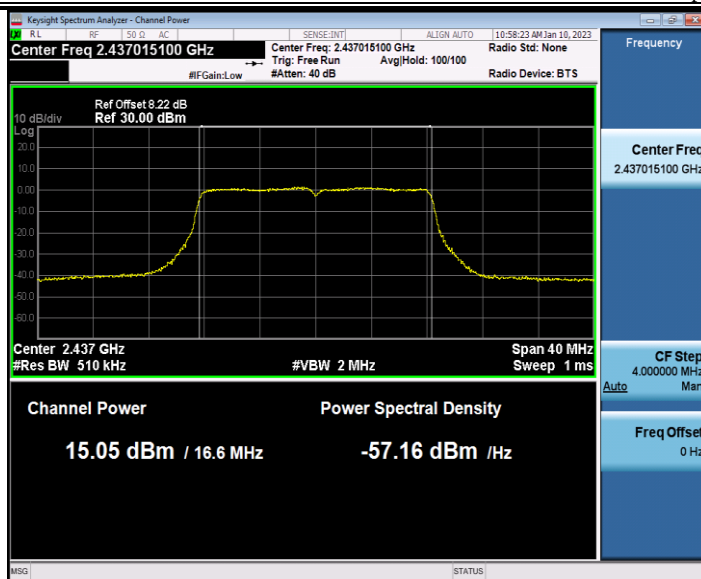
11G-CDD_Ant1_2412



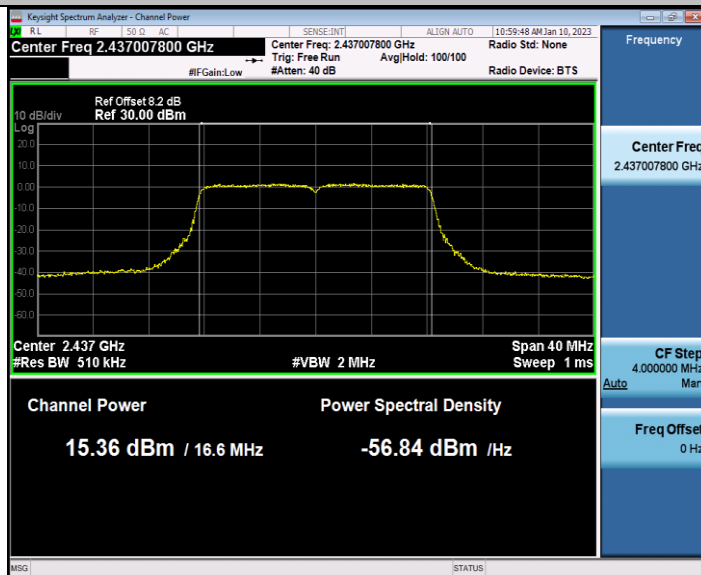
11G-CDD_Ant2_2412



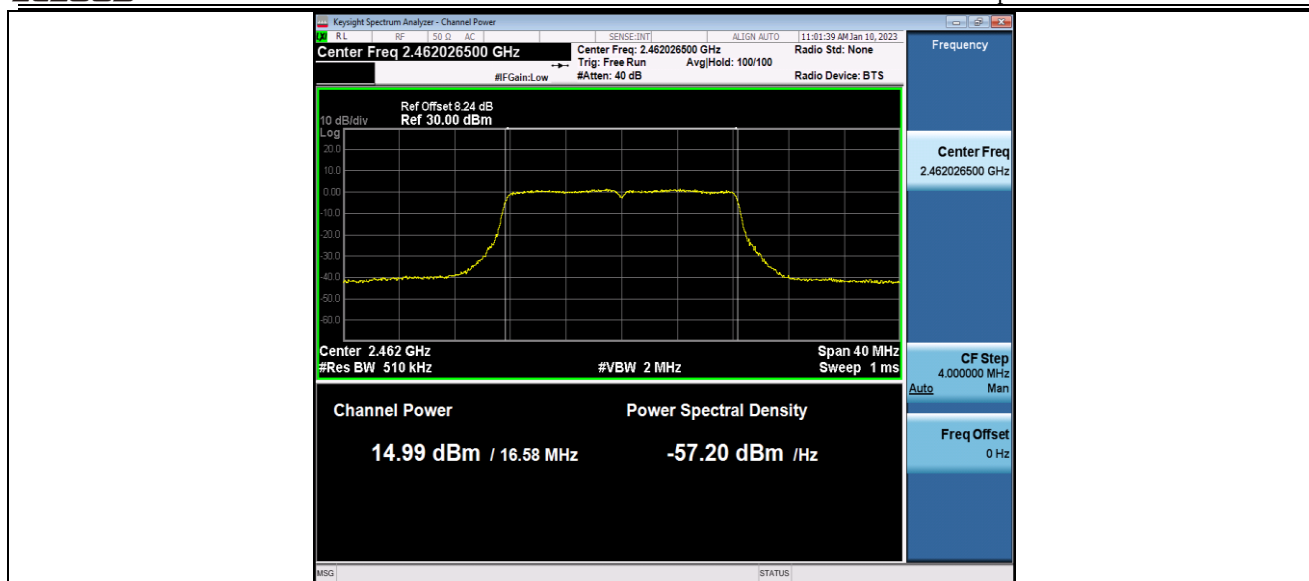
11G-CDD_Ant1_2437



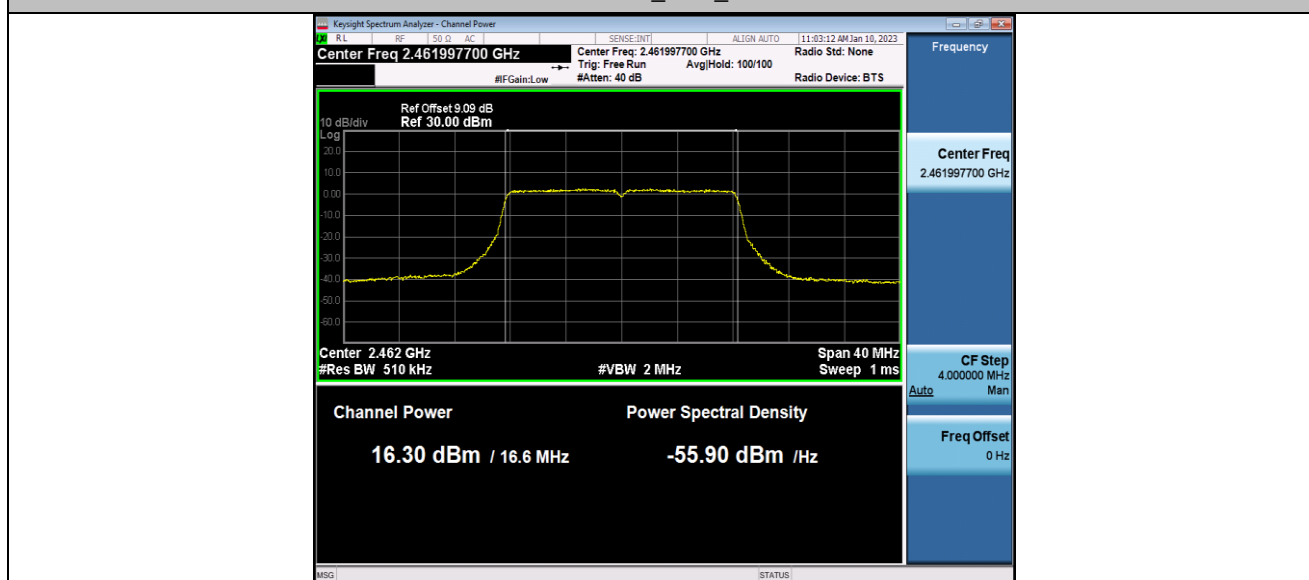
11G-CDD_Ant2_2437



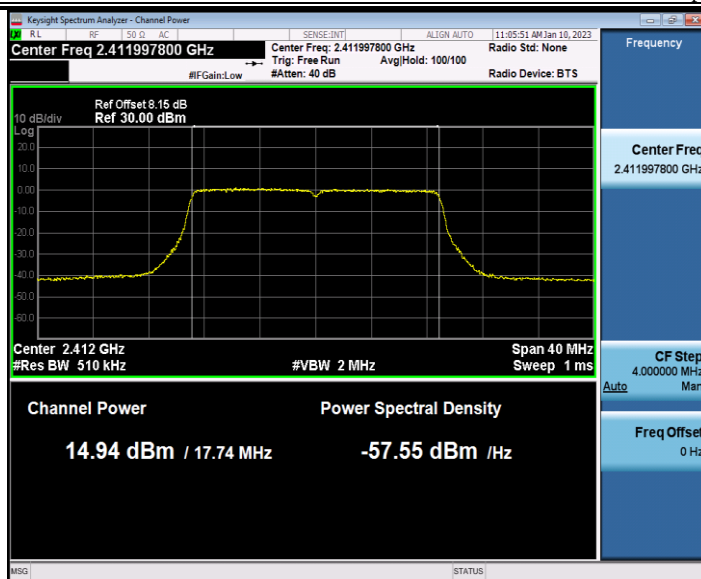
11G-CDD_Ant1_2462



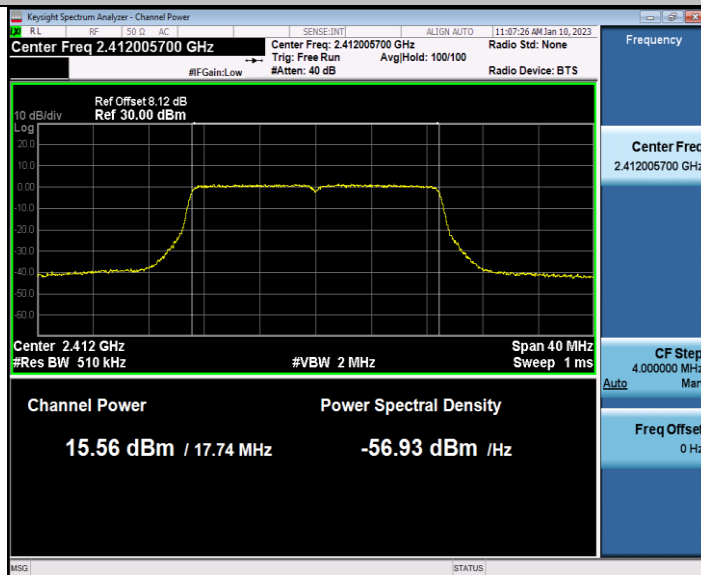
11G-CDD_Ant2_2462



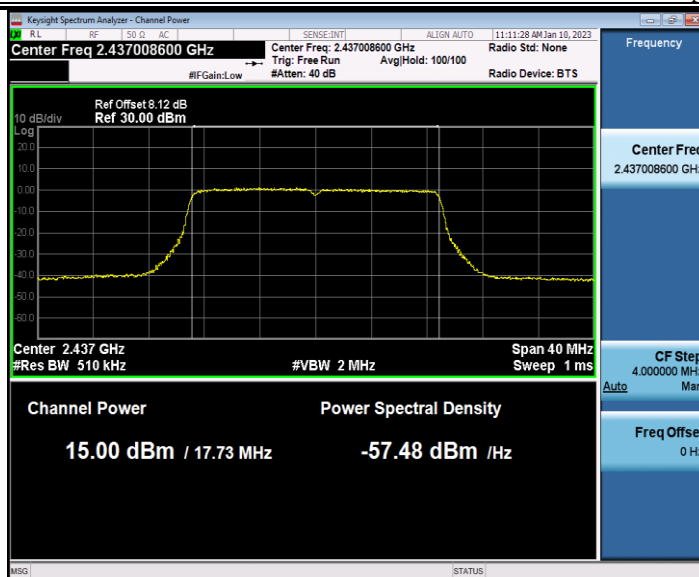
11N20MIMO_Ant1_2412



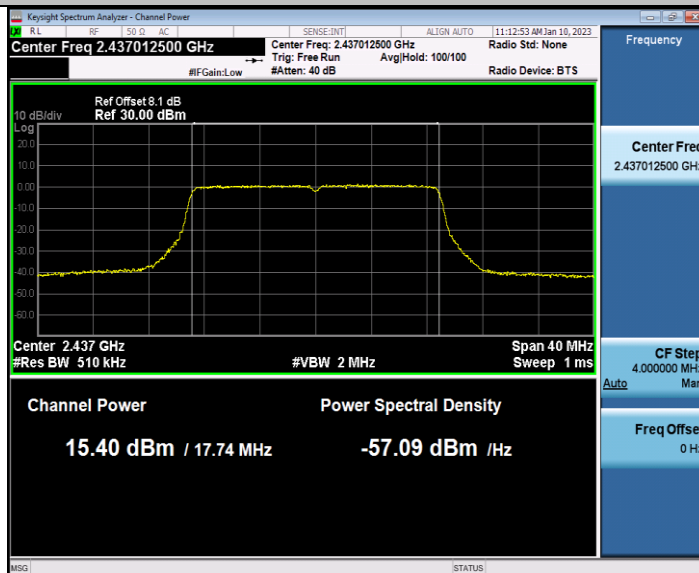
11N20MIMO_Ant2_2412



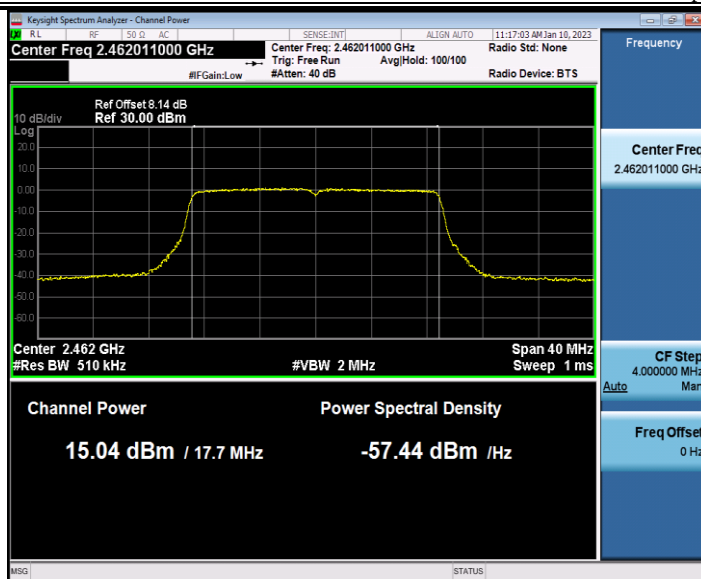
11N20MIMO_Ant1_2437



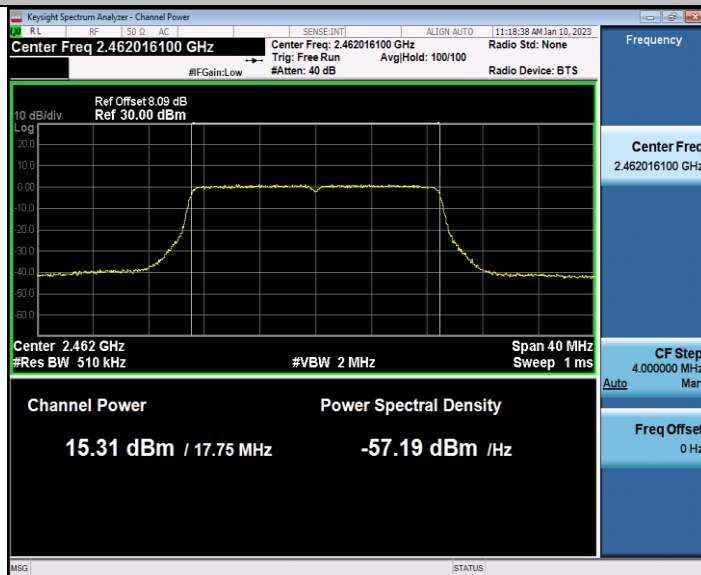
11N20MIMO_Ant2_2437



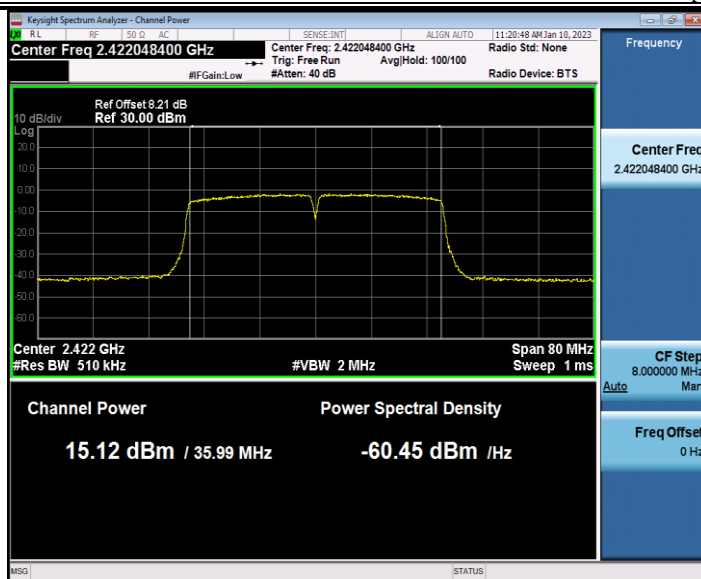
11N20MIMO_Ant1_2462



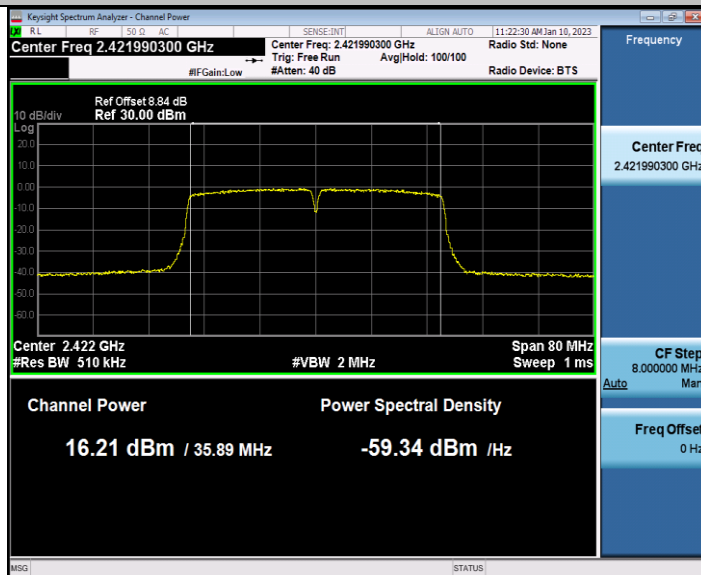
11N20MIMO_Ant2_2462



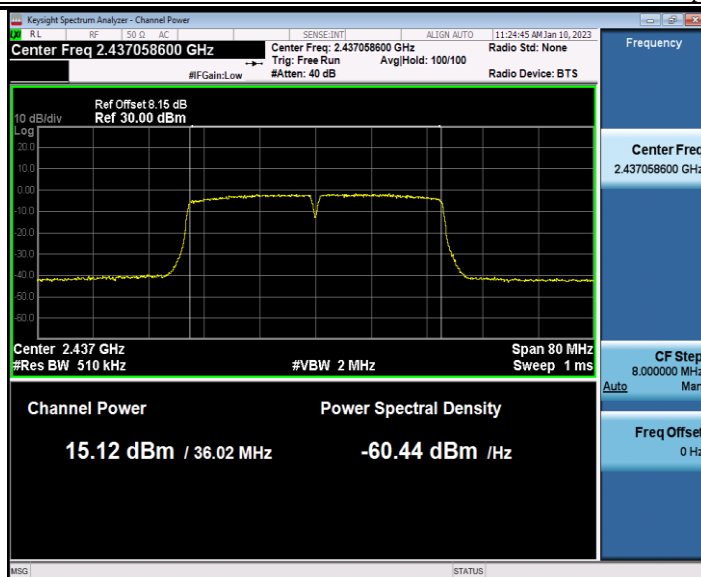
11N40MIMO_Ant1_2422



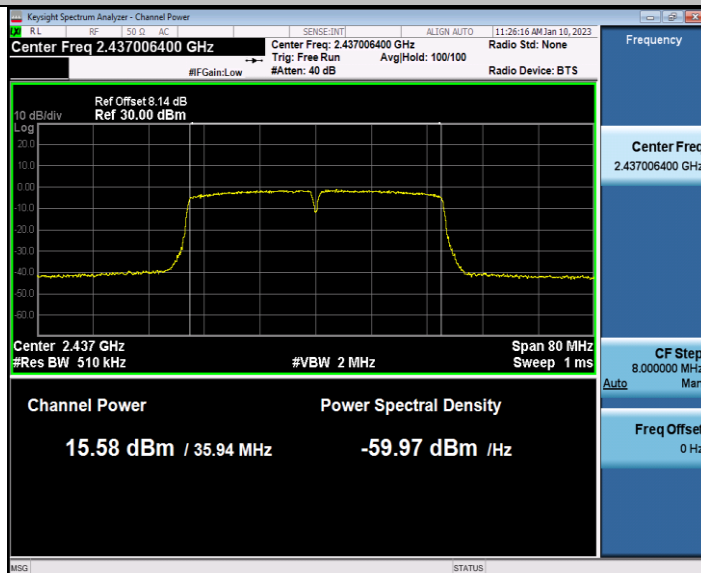
11N40MIMO_Ant2_2422



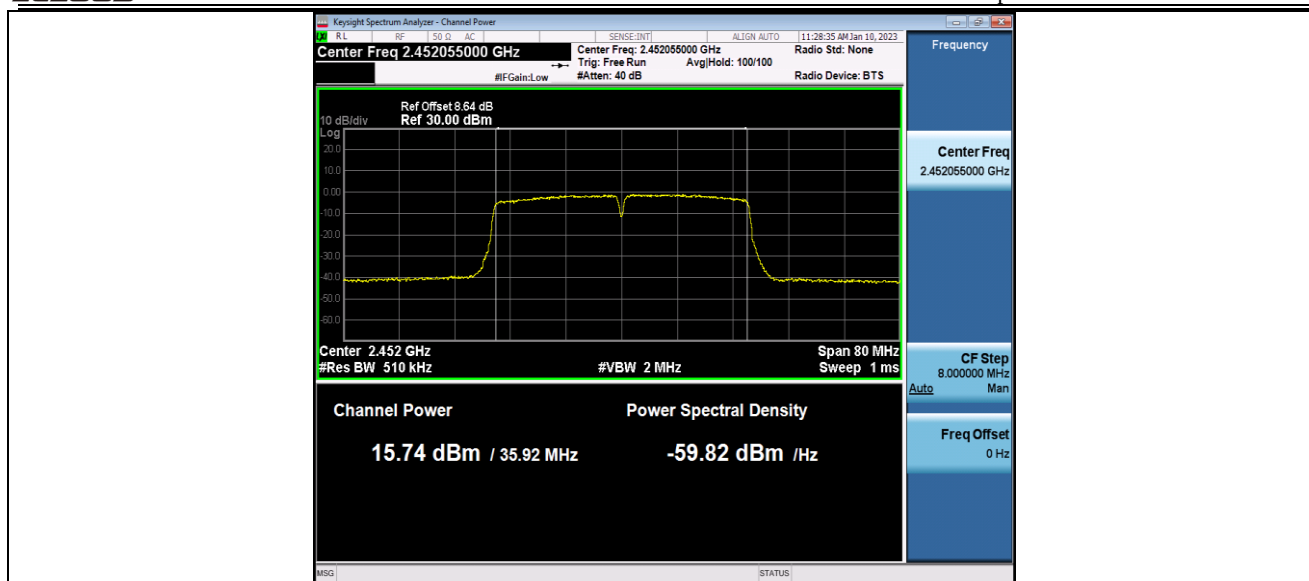
11N40MIMO_Ant1_2437



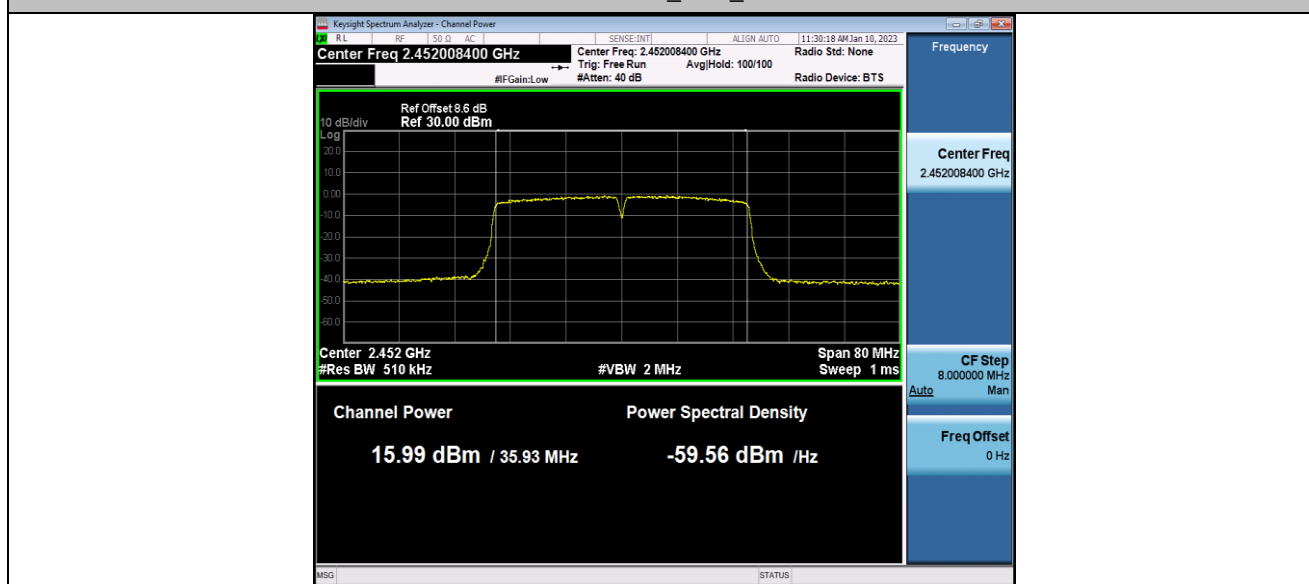
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



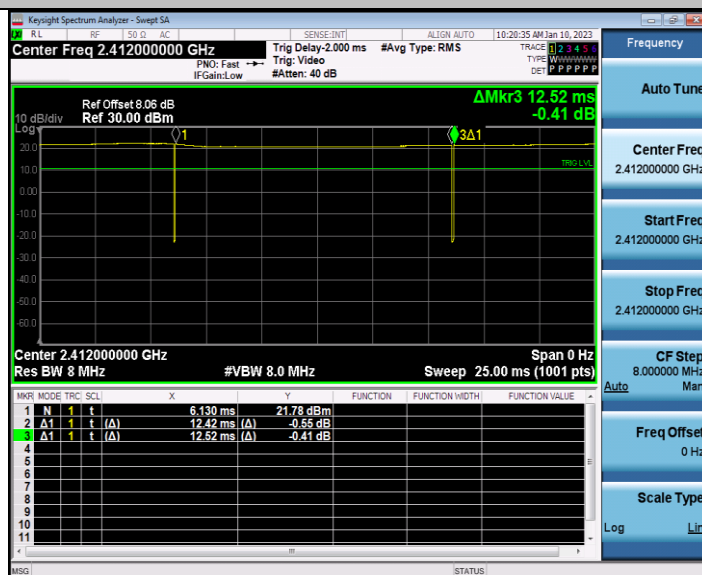
Appendix D: Duty Cycle

Test Result

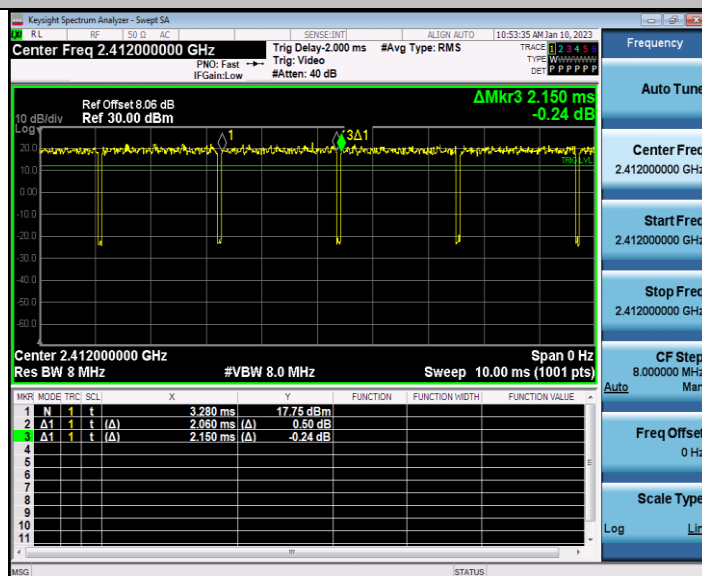
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.42	12.52	99.20	---	---
11G-CDD	Ant1	2412	2.06	2.15	95.81	---	---
11N20MIMO	Ant1	2412	4.49	4.58	98.03	---	---
11N40MIMO	Ant1	2422	3.27	3.36	97.32	---	---

Test Graphs

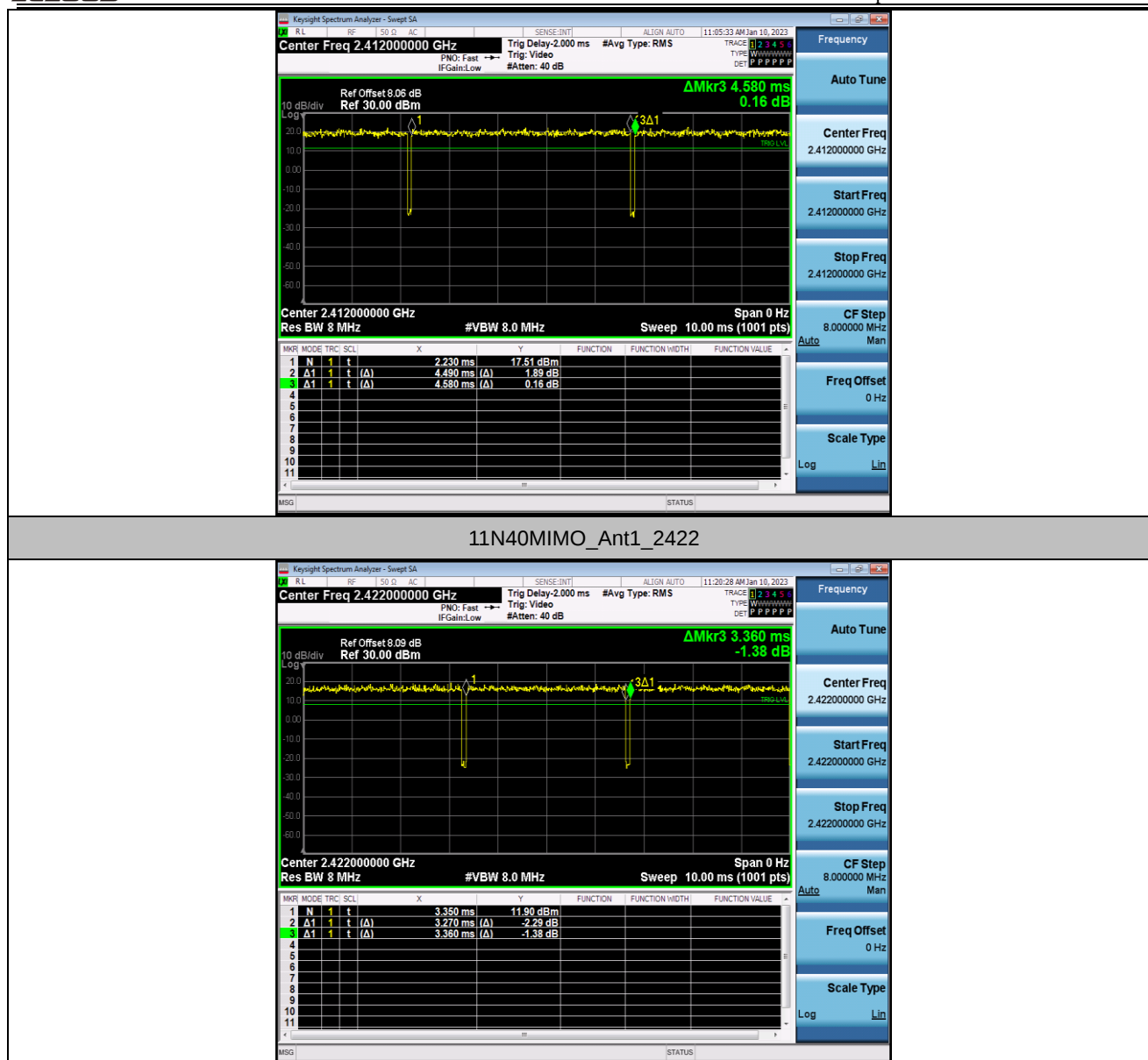
11B_Ant1_2412



11G-CDD_Ant1_2412



11N20MIMO_Ant1_2412



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	99.2	0.03	-4.03	-14.03	≤8.00	PASS
	Ant2	2412	99.2	0.03	-4.03	-14.03	≤8.00	PASS
	Ant1	2437	99.2	0.03	-4.21	-14.21	≤8.00	PASS
	Ant2	2437	99.2	0.03	-3.94	-13.94	≤8.00	PASS
	Ant1	2462	99.2	0.03	-4.33	-14.33	≤8.00	PASS
	Ant2	2462	99.2	0.03	-3.98	-13.98	≤8.00	PASS
11G-CDD	Ant1	2412	95.81	0.19	-9.09	-19.09	≤8.00	PASS
	Ant2	2412	95.81	0.19	-8.62	-18.62	≤8.00	PASS
	total	2412	95.81	0.19	-5.84	-15.84	≤8.00	PASS
	Ant1	2437	95.81	0.19	-8.83	-18.83	≤8.00	PASS
	Ant2	2437	95.81	0.19	-9.14	-19.14	≤8.00	PASS
	total	2437	95.81	0.19	-5.97	-15.97	≤8.00	PASS
	Ant1	2462	95.81	0.19	-9.38	-19.38	≤8.00	PASS
	Ant2	2462	95.81	0.19	-7.81	-17.81	≤8.00	PASS
	total	2462	95.81	0.19	-5.51	-15.51	≤8.00	PASS
11N20MIMO	Ant1	2412	98.03	0.09	-9.09	-19.09	≤8.00	PASS
	Ant2	2412	98.03	0.09	-8.79	-18.79	≤8.00	PASS
	total	2412	98.03	0.09	-5.93	-15.93	≤8.00	PASS
	Ant1	2437	98.03	0.09	-8.82	-18.82	≤8.00	PASS
	Ant2	2437	98.03	0.09	-8.81	-18.81	≤8.00	PASS
	total	2437	98.03	0.09	-5.8	-15.8	≤8.00	PASS
	Ant1	2462	98.03	0.09	-8.75	-18.75	≤8.00	PASS
	Ant2	2462	98.03	0.09	-8.95	-18.95	≤8.00	PASS
	total	2462	98.03	0.09	-5.84	-15.84	≤8.00	PASS
11N40MIMO	Ant1	2422	97.32	0.12	-12.3	-22.3	≤8.00	PASS
	Ant2	2422	97.32	0.12	-11.21	-21.21	≤8.00	PASS
	total	2422	97.32	0.12	-8.71	-18.71	≤8.00	PASS

	Ant1	2437	97.32	0.12	-12.15	-22.15	≤8.00	PASS
	Ant2	2437	97.32	0.12	-12.18	-22.18	≤8.00	PASS
	total	2437	97.32	0.12	-9.15	-19.15	≤8.00	PASS
	Ant1	2452	97.32	0.12	-11.63	-21.63	≤8.00	PASS
	Ant2	2452	97.32	0.12	-11.61	-21.61	≤8.00	PASS
	total	2452	97.32	0.12	-8.61	-18.61	≤8.00	PASS

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

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