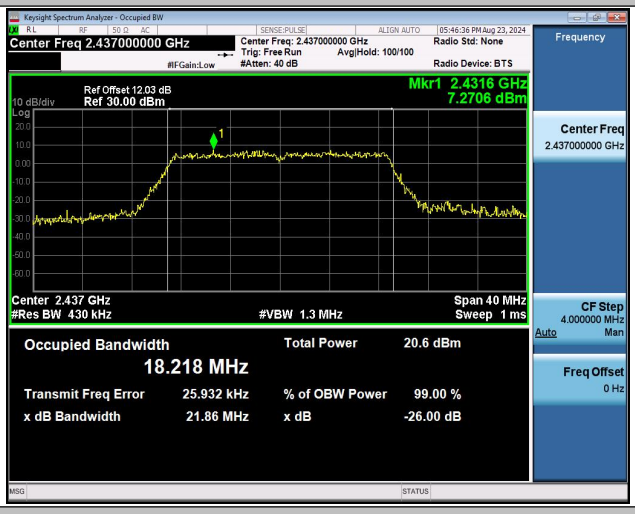
11N20MIMO_Ant2_2412

11N20MIMO_Ant1_2437



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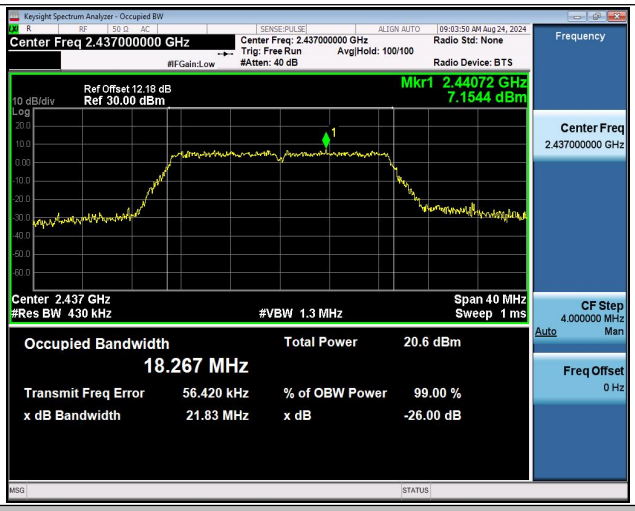
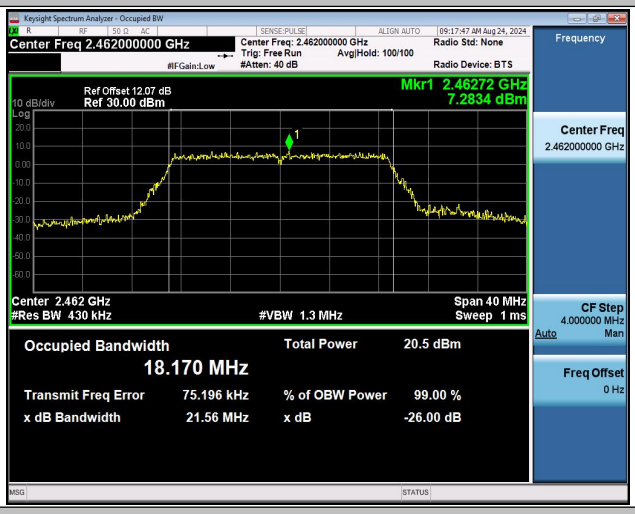


11N20MIMO_Ant1_2462



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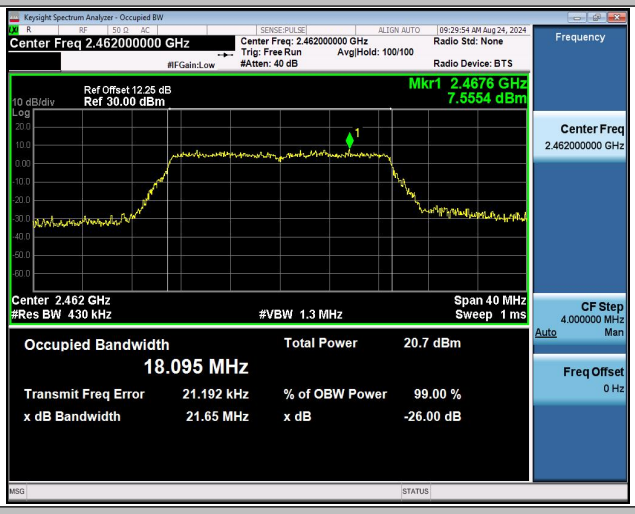
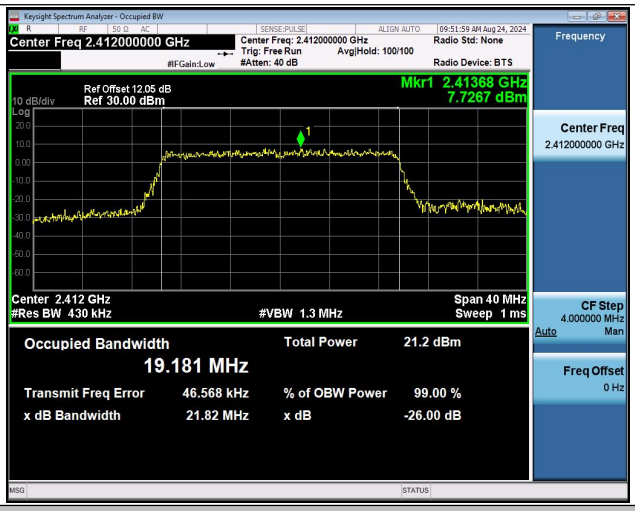


11AX20MIMO_Ant1_2412



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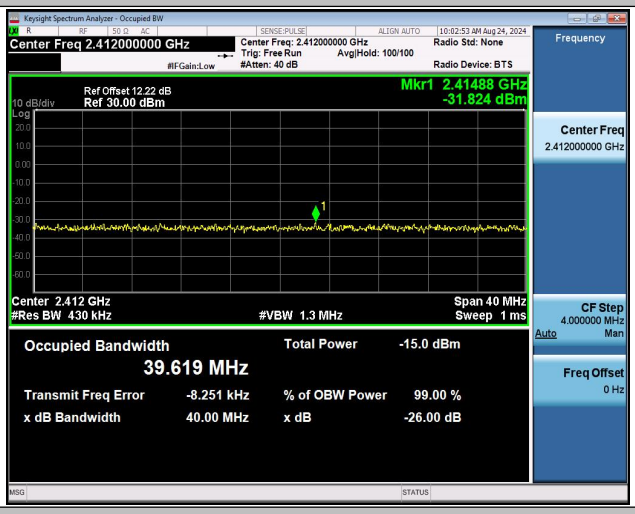

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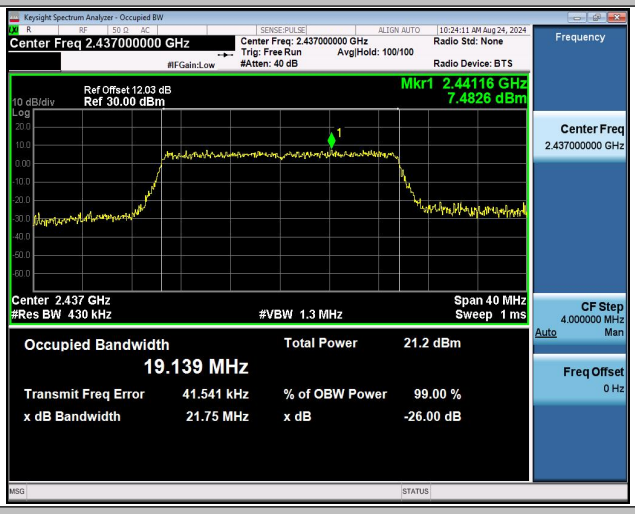

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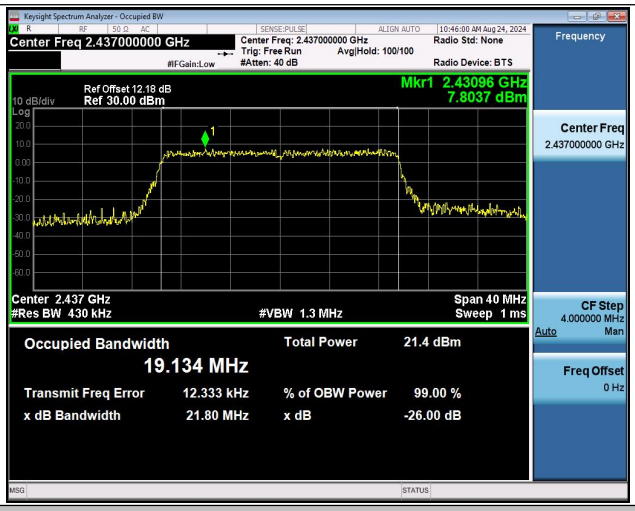

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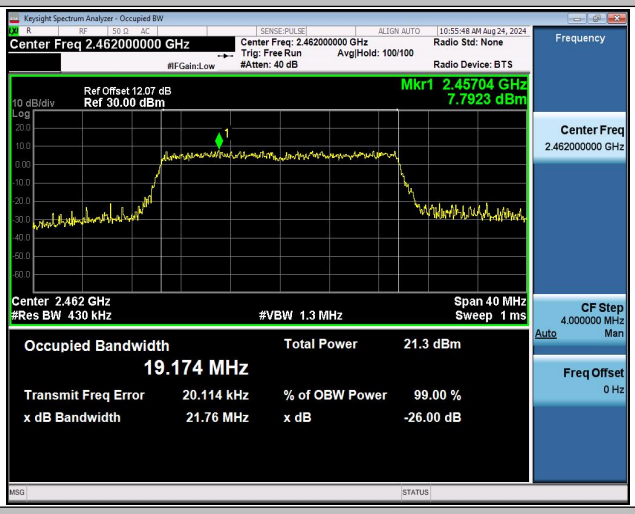

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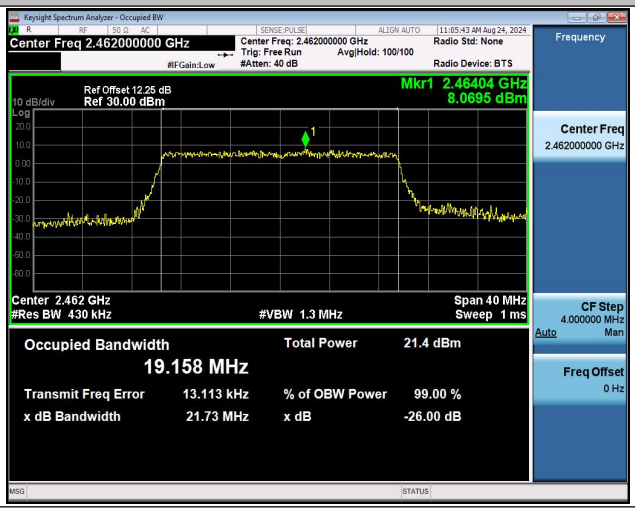


Appendix C: Maximum conducted output power

Test Result Duty Cycle

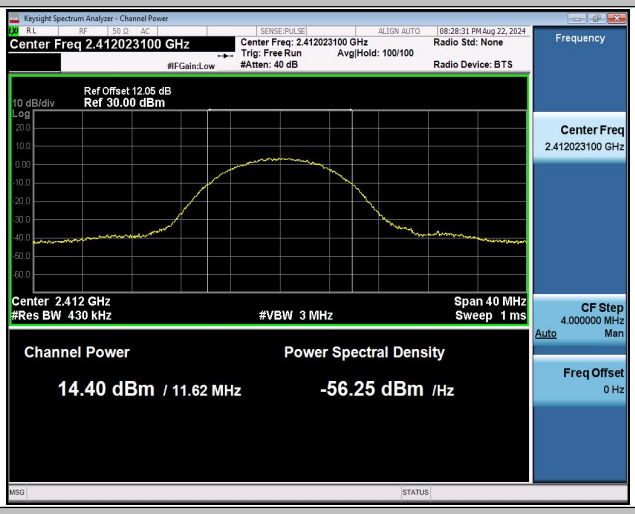
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	0.85	0.94	90.43
	Ant2	2412	0.84	0.93	90.32
	Ant1	2437	0.18	0.28	64.29
	Ant2	2437	0.85	0.94	90.43
	Ant1	2462	0.85	0.94	90.43
	Ant2	2462	0.85	0.94	90.43
11G	Ant1	2412	0.18	0.28	64.29
	Ant2	2412	0.00	0.06	100
	Ant1	2437	0.18	0.28	64.29
	Ant2	2437	0.18	0.28	64.29
	Ant1	2462	0.18	0.28	64.29
	Ant2	2462	0.18	0.28	64.29
11N20MIMO	Ant1	2412	0.16	0.27	59.26
	Ant2	2412	0.16	0.26	61.54
	Ant1	2437	0.16	0.26	61.54
	Ant2	2437	0.17	0.27	62.96
	Ant1	2462	0.16	0.26	61.54
	Ant2	2462	0.16	0.26	61.54
11AX20MIMO	Ant1	2412	0.14	0.24	58.33
	Ant2	2412	19.00	19.00	100.00
	Ant1	2437	0.14	0.24	58.33
	Ant2	2437	0.14	0.24	58.33
	Ant1	2462	0.14	0.24	58.33
	Ant2	2462	0.13	0.23	56.52

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Verdict
11B	Ant1	2412	14.40	90.43	0.44	14.84	PASS
	Ant2	2412	13.75	90.32	0.44	14.19	PASS
	Ant1	2437	14.67	90.32	0.44	15.11	PASS
	Ant2	2437	14.66	90.43	0.44	15.10	PASS
	Ant1	2462	14.77	90.43	0.44	15.21	PASS
	Ant2	2462	14.41	90.43	0.44	14.85	PASS
11G	Ant1	2412	12.57	64.29	1.92	14.49	PASS
	Ant2	2412	12.18	100.00	0.00	12.18	PASS
	Ant1	2437	11.96	64.29	1.92	13.88	PASS
	Ant2	2437	12.36	64.29	1.92	14.28	PASS
	Ant1	2462	12.12	64.29	1.92	14.04	PASS
	Ant2	2462	12.45	64.29	1.92	14.37	PASS
11N20MIMO	Ant1	2412	12.11	59.26	2.27	14.38	PASS
	Ant2	2412	11.95	61.54	2.11	14.06	PASS
	total	2412	---	---	---	17.23	PASS
	Ant1	2437	11.99	61.54	2.11	14.10	PASS
	Ant2	2437	12.34	62.96	2.01	14.35	PASS
	total	2437	---	---	---	17.24	PASS
	Ant1	2462	11.97	61.54	2.11	14.08	PASS
	Ant2	2462	12.24	61.54	2.11	14.35	PASS
	total	2462	---	---	---	17.23	PASS
11AX20MIMO	Ant1	2412	11.99	58.33	2.34	14.33	PASS
	Ant2	2412	11.91	100.00	0.00	11.91	PASS
	total	2412	---	---	---	16.30	PASS
	Ant1	2437	11.90	58.33	2.34	14.24	PASS
	Ant2	2437	12.14	58.33	2.34	14.48	PASS
	total	2437	---	---	---	17.37	PASS
	Ant1	2462	11.96	58.33	2.34	14.30	PASS
	Ant2	2462	12.15	56.52	2.48	14.63	PASS
	total	2462	---	---	---	17.48	PASS

Test Graphs Average

11B_Ant1_2412



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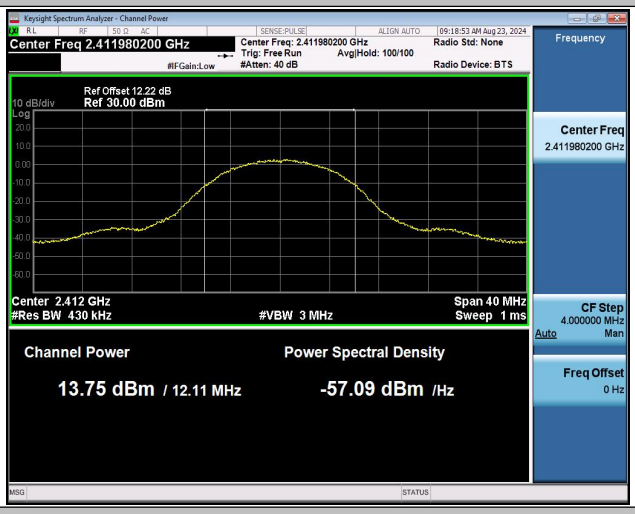
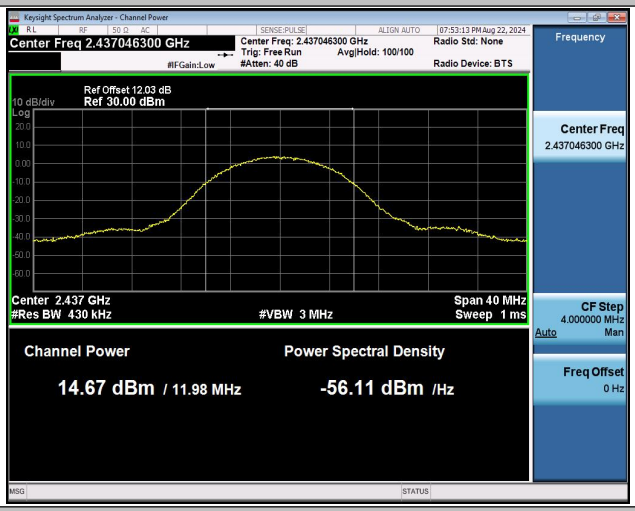


11B_Ant1_2437



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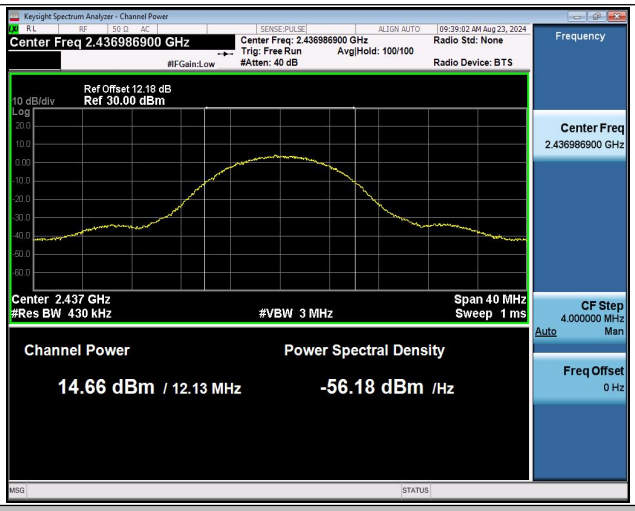

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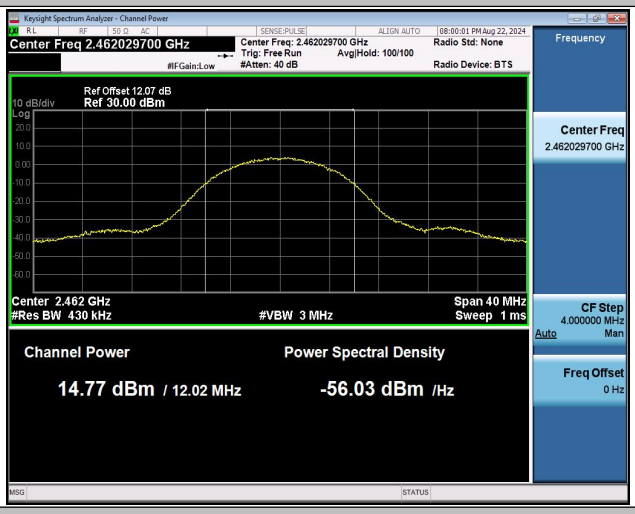

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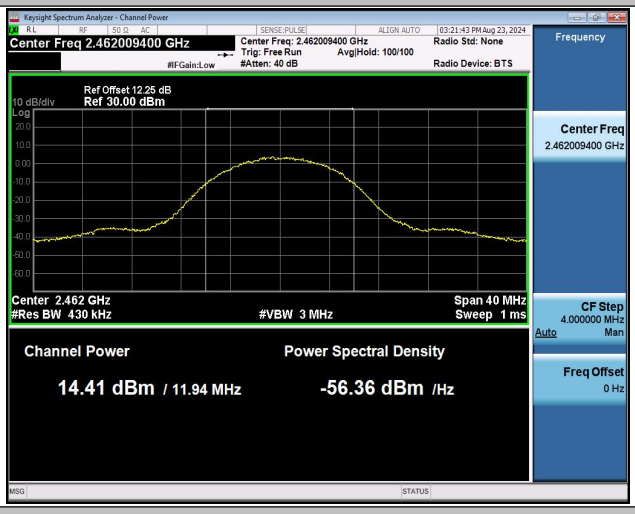
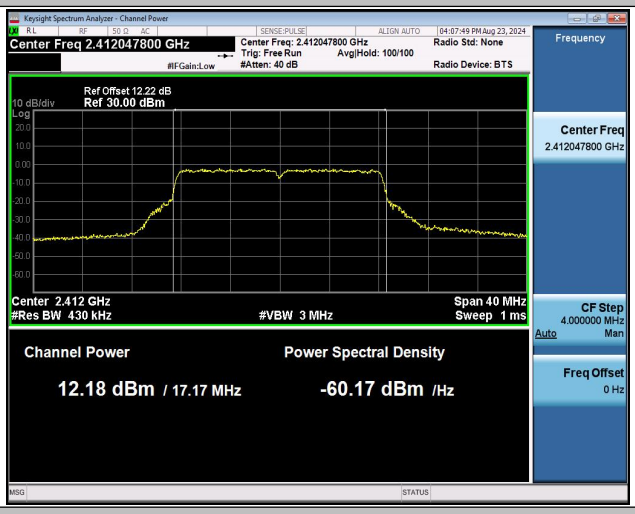


11G_Ant1_2412

11G_Ant2_2412



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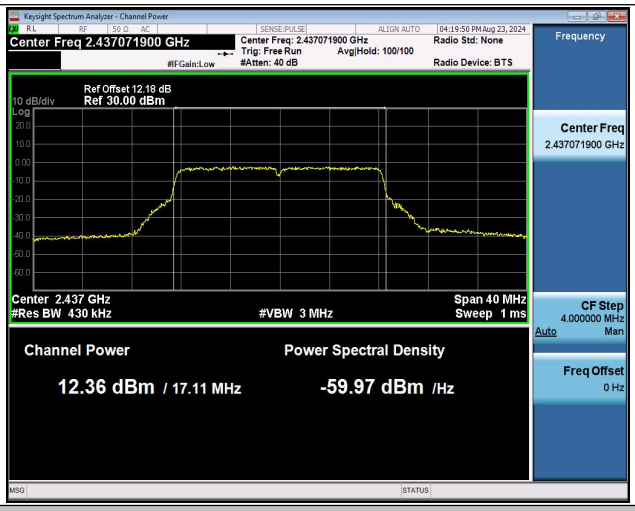
11G_Ant2_2437



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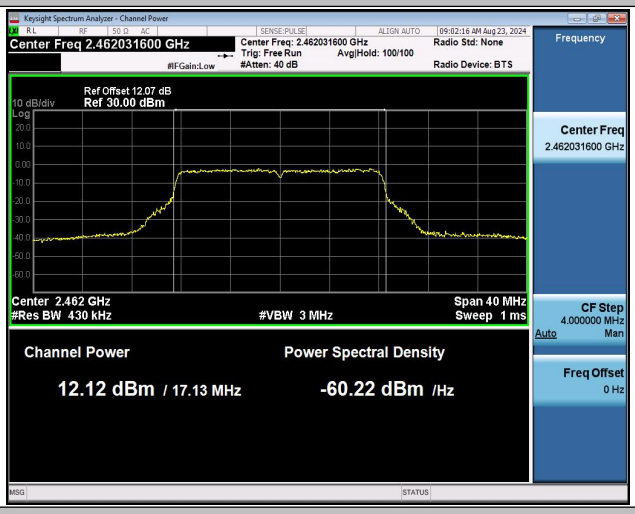

11G_Ant2_2462

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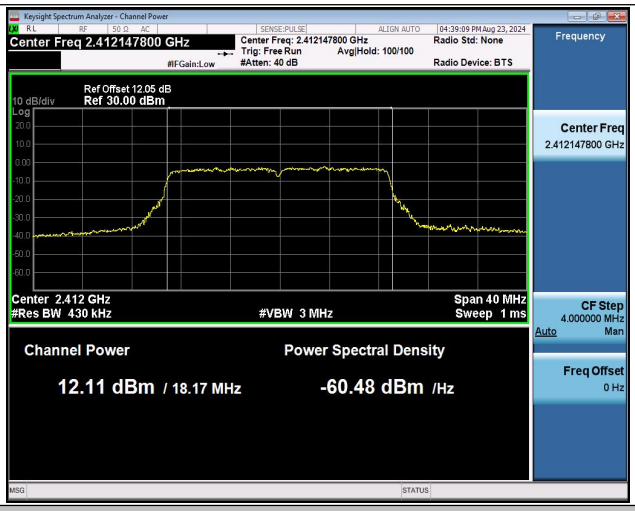

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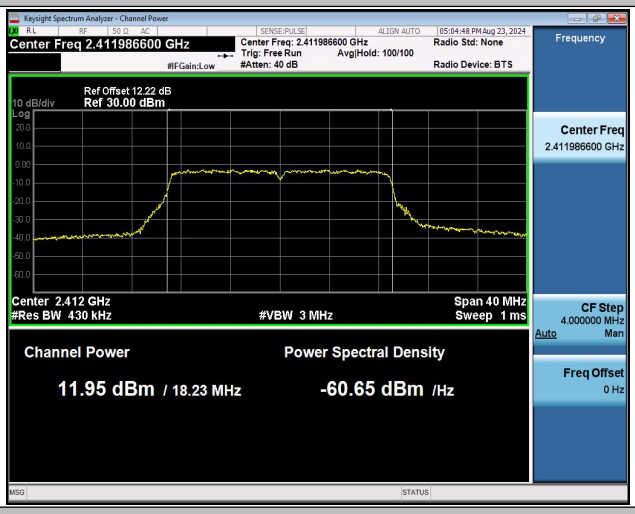

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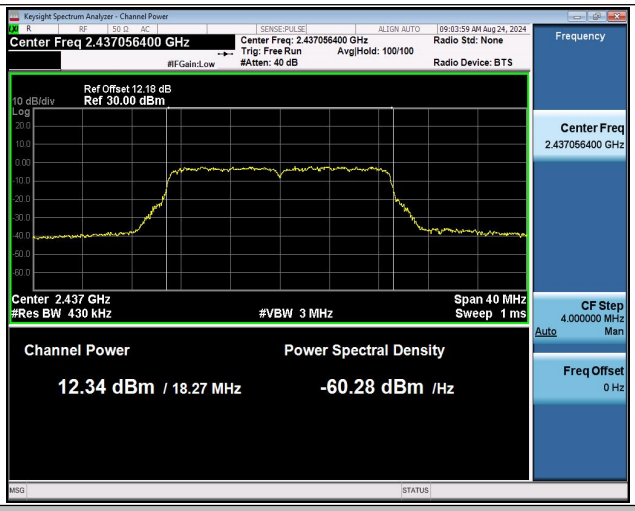
11N20MIMO_Ant2_2437



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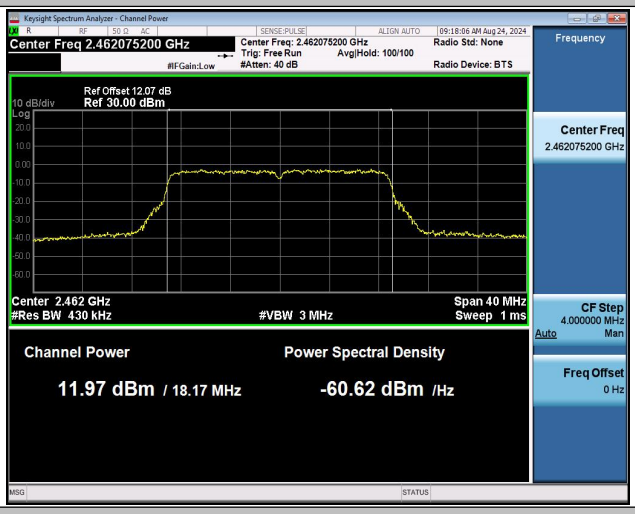

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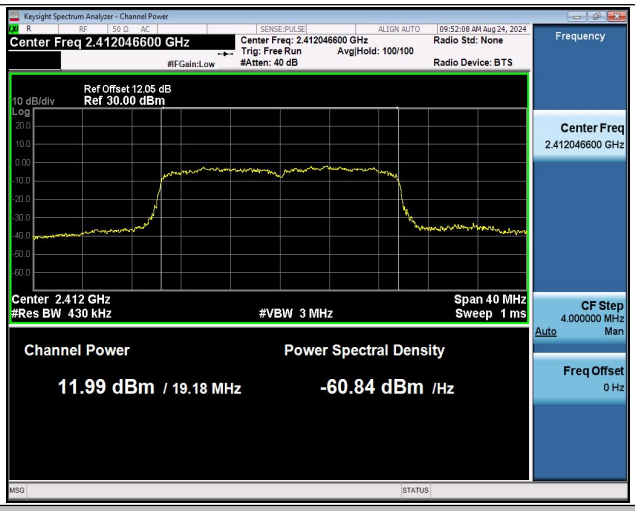
11AX20MIMO_Ant1_2412



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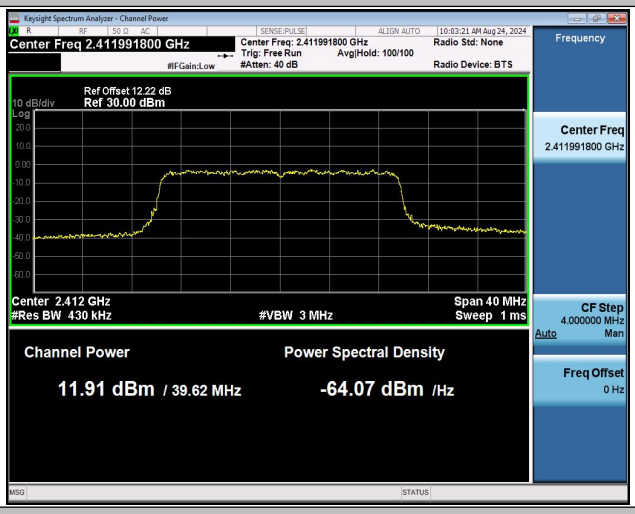

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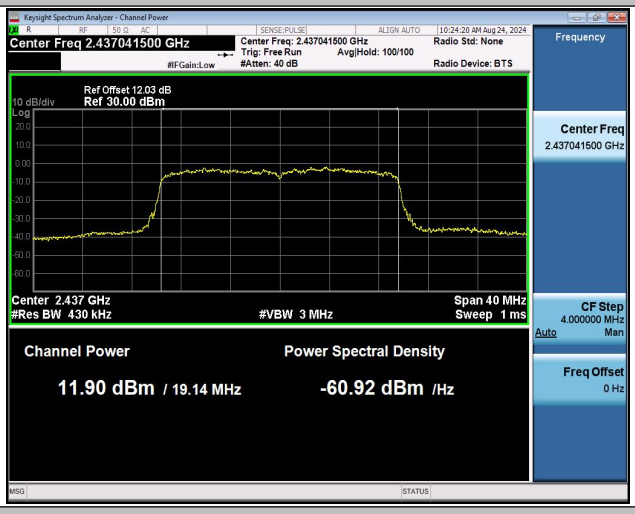

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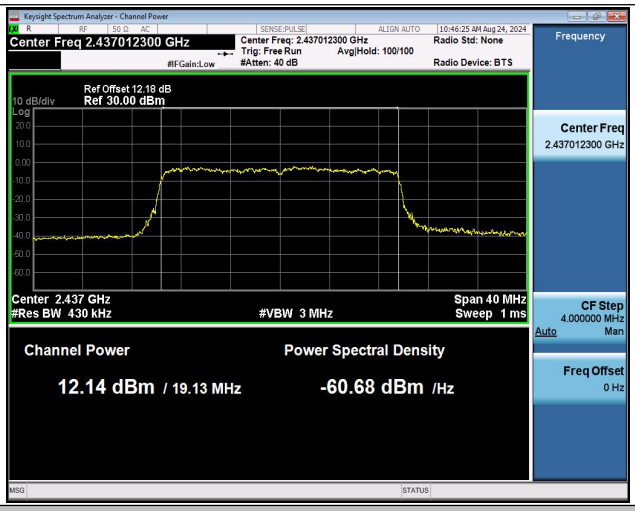

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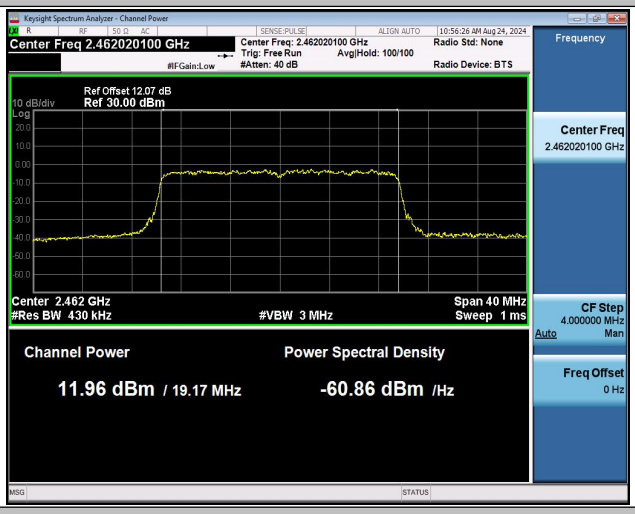


11AX20MIMO_Ant2_2462

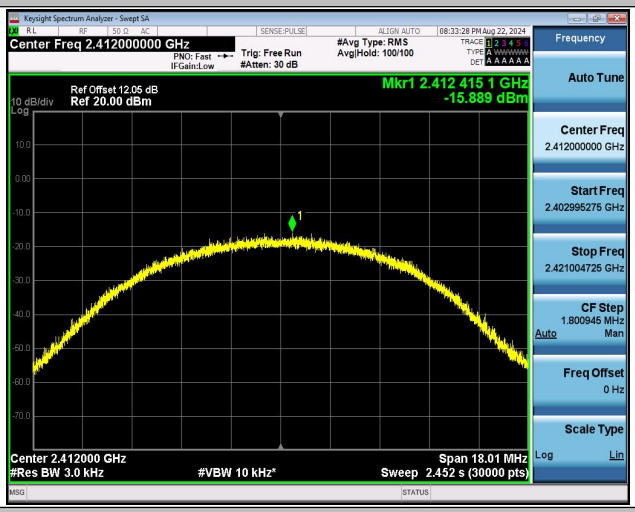
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.45	≤8.00	PASS
	Ant2	2412	-16.37	≤8.00	PASS
	Ant1	2437	-15.61	≤8.00	PASS
	Ant2	2437	-15.65	≤8.00	PASS
	Ant1	2462	-15.26	≤8.00	PASS
	Ant2	2462	-15.36	≤8.00	PASS
11G	Ant1	2412	-16.12	≤8.00	PASS
	Ant2	2412	-18.34	≤8.00	PASS
	Ant1	2437	-17.03	≤8.00	PASS
	Ant2	2437	-15.99	≤8.00	PASS
	Ant1	2462	-16.63	≤8.00	PASS
	Ant2	2462	-16.29	≤8.00	PASS
11N20MIMO	Ant1	2412	-15.80	≤8.00	PASS
	Ant2	2412	-16.35	≤8.00	PASS
	total	2412	-13.06	≤8.00	PASS
	Ant1	2437	-16.18	≤8.00	PASS
	Ant2	2437	-16.58	≤8.00	PASS
	total	2437	-13.37	≤8.00	PASS
	Ant1	2462	-16.22	≤8.00	PASS
	Ant2	2462	-15.93	≤8.00	PASS
	total	2462	-13.06	≤8.00	PASS
11AX20MIMO	Ant1	2412	-14.42	≤8.00	PASS
	Ant2	2412	-17.44	≤8.00	PASS
	total	2412	-12.66	≤8.00	PASS
	Ant1	2437	-14.45	≤8.00	PASS
	Ant2	2437	-14.15	≤8.00	PASS
	total	2437	-11.29	≤8.00	PASS
	Ant1	2462	-14.46	≤8.00	PASS
	Ant2	2462	-14.20	≤8.00	PASS
	total	2462	-11.32	≤8.00	PASS

Test Graphs

11B_Ant1_2412



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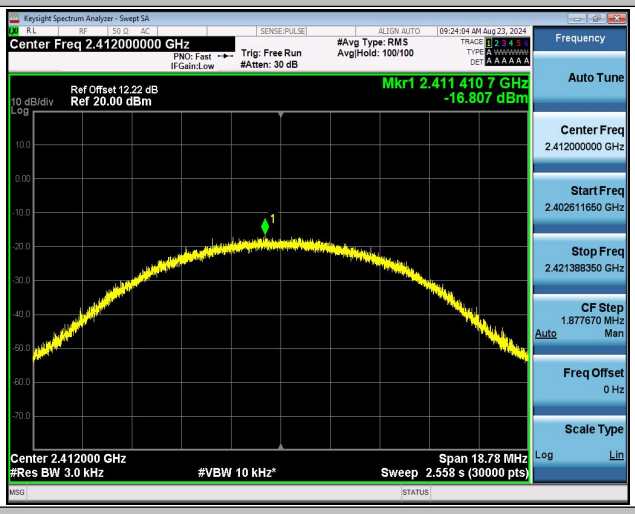
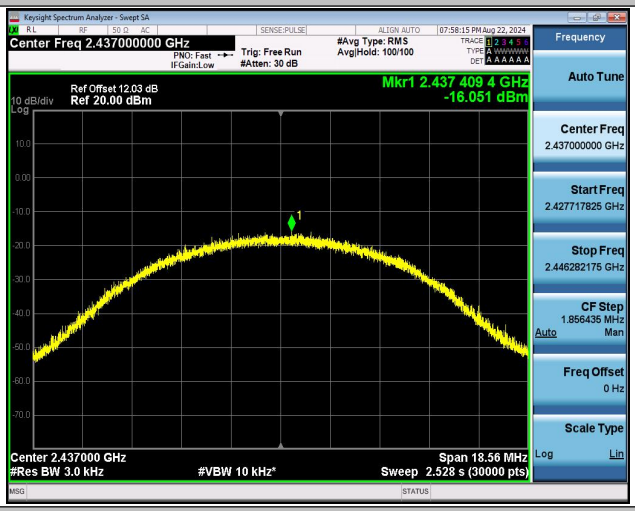


11B_Ant1_2437



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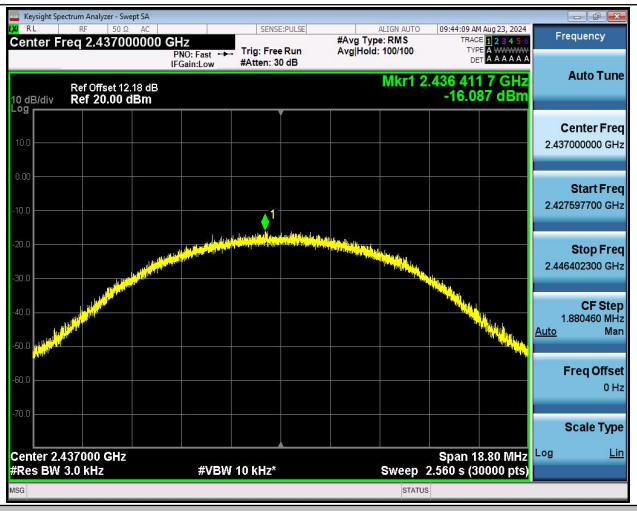
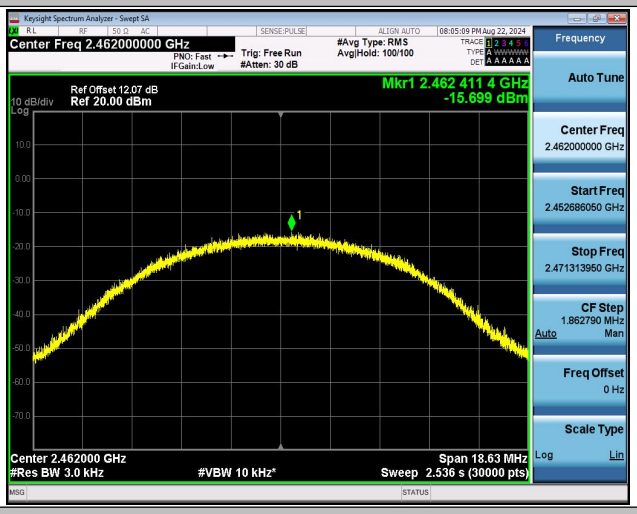


11B_Ant1_2462



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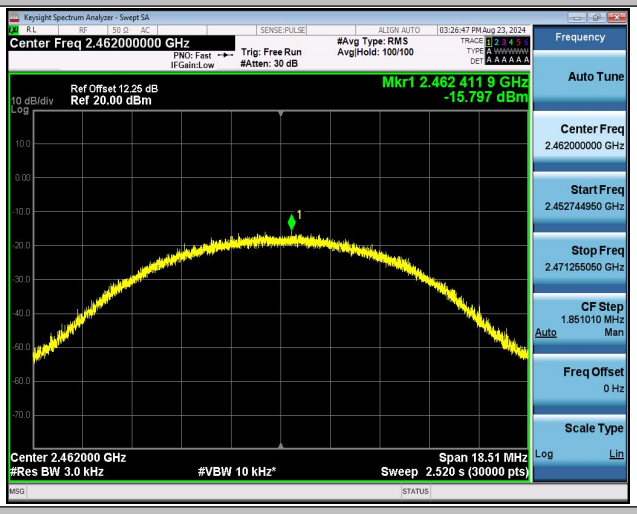
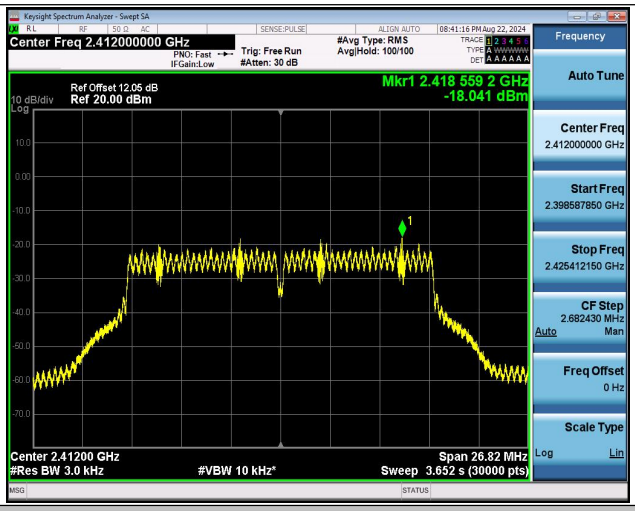


11G_Ant1_2412



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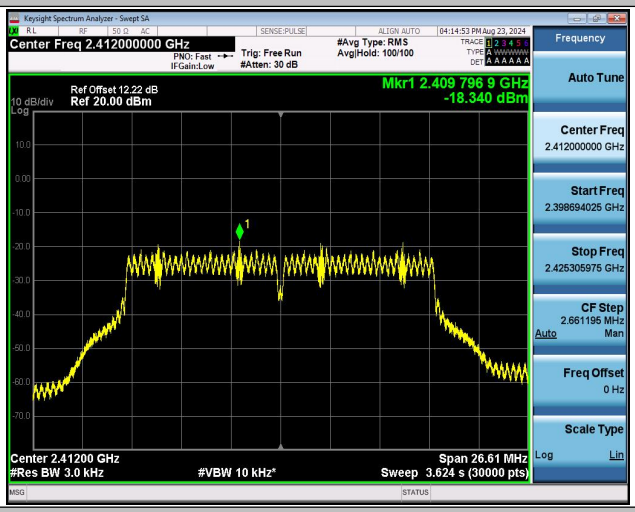

11G_Ant1_2437

11G_Ant2_2437