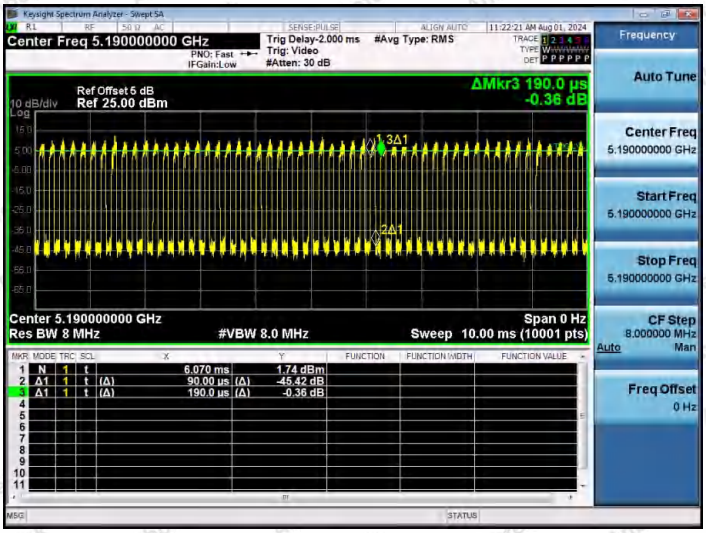
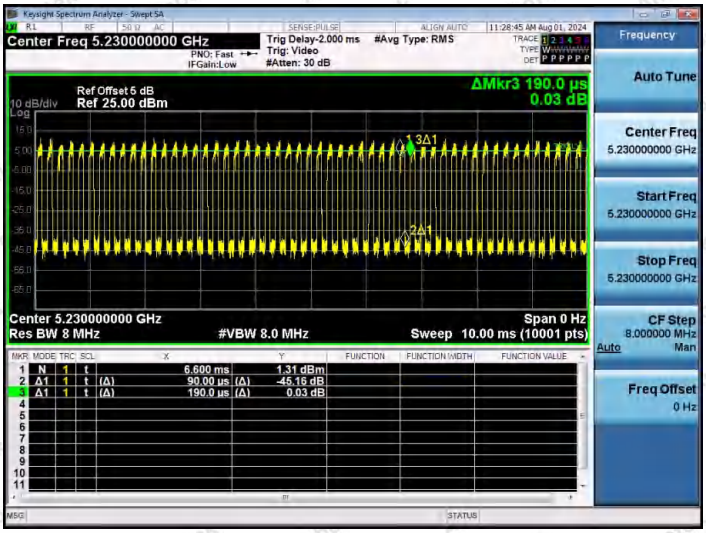


NTNV-11AX40MIMO-Ant2-5190



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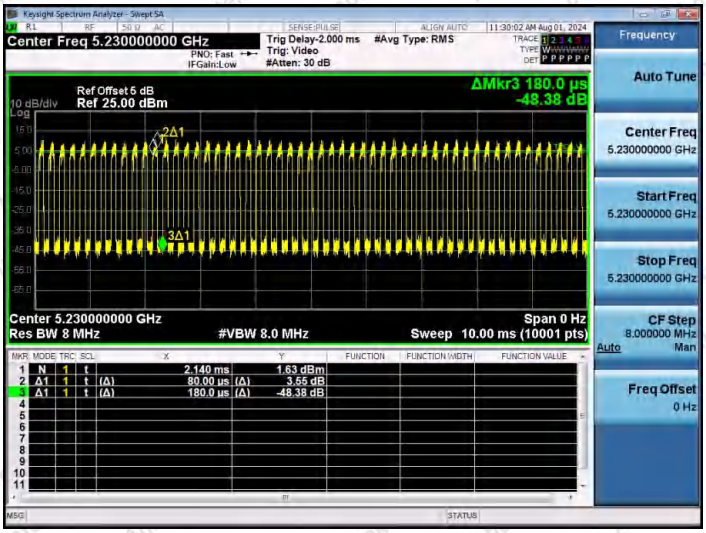

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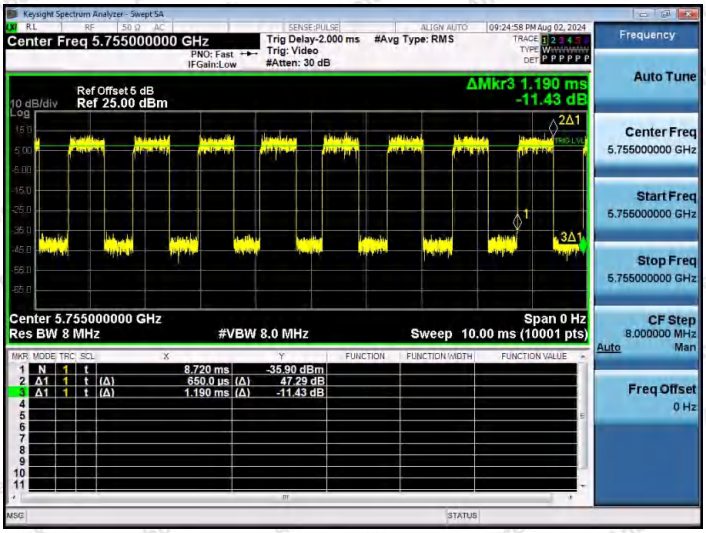

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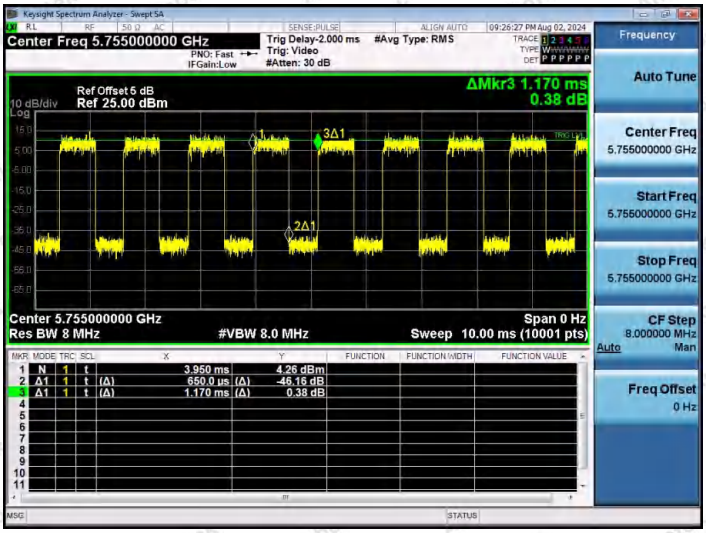

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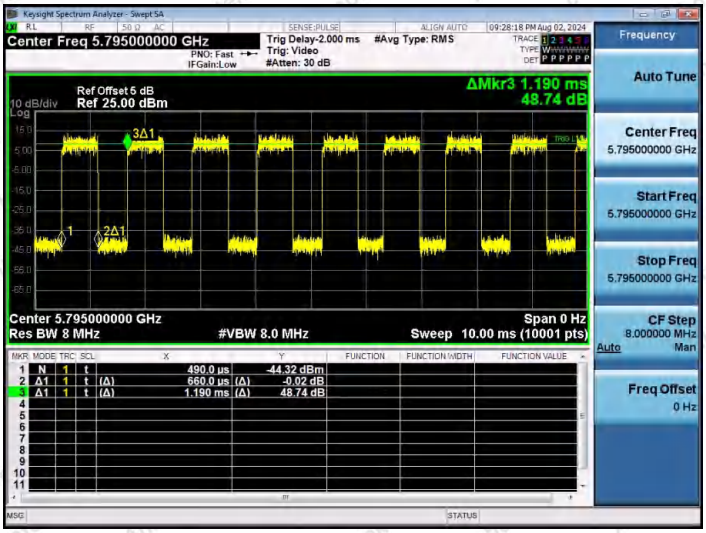

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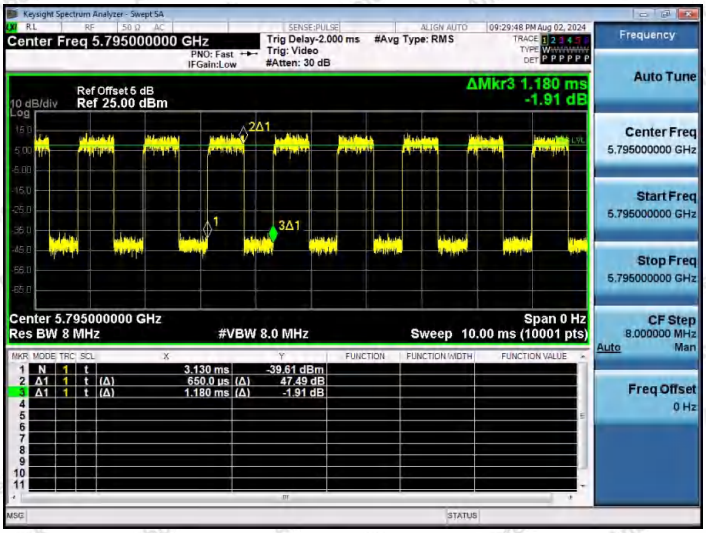

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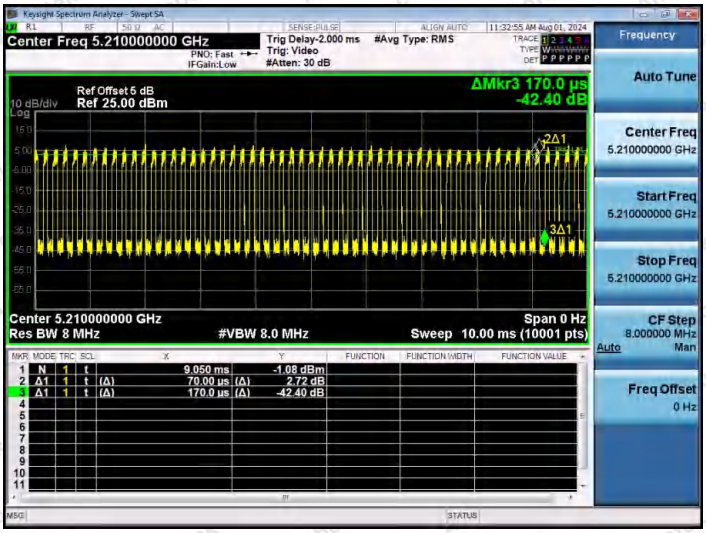

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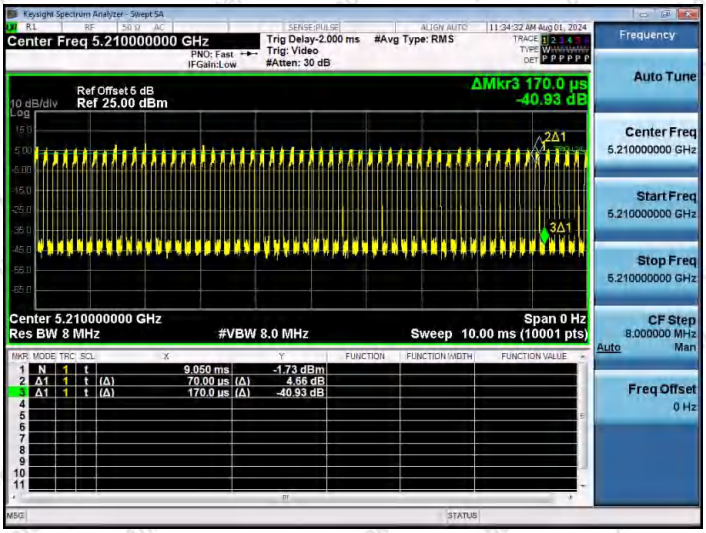

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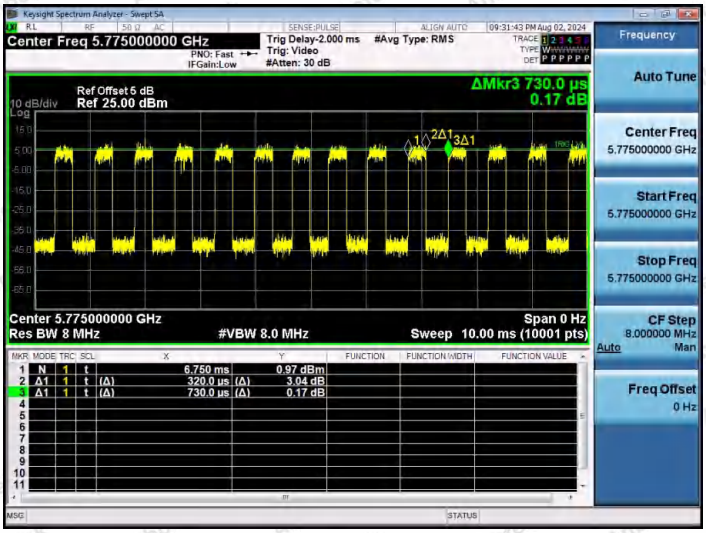
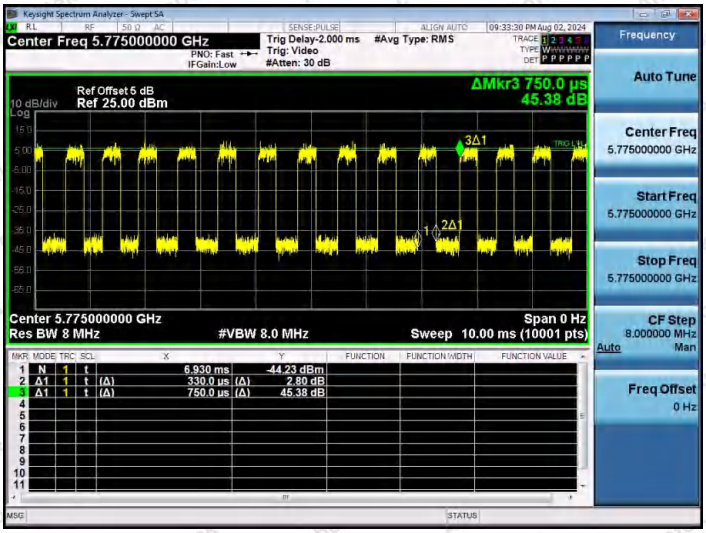


NTNV-11AX80MIMO-Ant1-5775



NTNV-11AX80MIMO-Ant2-5775

Appendix C: Maximum Conducted Output Power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	15.11	93.29	0.30	15.41	≤23.98	PASS
11A	Ant2	5180	---	12.25	93.33	0.30	12.55	≤23.98	PASS
11A	Ant1	5200	---	14.96	93.33	0.30	15.26	≤23.98	PASS
11A	Ant2	5200	---	12.40	93.29	0.30	12.70	≤23.98	PASS
11A	Ant1	5240	---	11.67	93.29	0.30	11.97	≤23.98	PASS
11A	Ant2	5240	---	14.68	93.96	0.27	14.95	≤23.98	PASS
11A	Ant1	5745	---	12.41	93.29	0.30	12.71	≤30.00	PASS
11A	Ant2	5745	---	10.79	93.29	0.30	11.09	≤30.00	PASS
11A	Ant1	5785	---	11.41	93.33	0.30	11.71	≤30.00	PASS
11A	Ant2	5785	---	11.44	93.33	0.30	11.74	≤30.00	PASS
11A	Ant1	5825	---	12.59	93.33	0.30	12.89	≤30.00	PASS
11A	Ant2	5825	---	10.77	93.33	0.30	11.07	≤30.00	PASS
11N20MIMO	Ant1	5180	---	16.22	92.91	0.32	16.54	≤23.98	PASS
11N20MIMO	Ant2	5180	---	16.40	92.91	0.32	16.72	≤23.98	PASS
11N20MIMO	total	5180	---	---	---	---	19.64	≤21.79	PASS
11N20MIMO	Ant1	5200	---	16.00	92.91	0.32	16.32	≤23.98	PASS
11N20MIMO	Ant2	5200	---	15.86	92.91	0.32	16.18	≤23.98	PASS
11N20MIMO	total	5200	---	---	---	---	19.26	≤21.79	PASS
11N20MIMO	Ant1	5240	---	15.07	92.91	0.32	15.39	≤23.98	PASS
11N20MIMO	Ant2	5240	---	15.09	92.86	0.32	15.41	≤23.98	PASS
11N20MIMO	total	5240	---	---	---	---	18.41	≤21.79	PASS
11N20MIMO	Ant1	5745	---	12.75	93.57	0.29	13.04	≤30.00	PASS
11N20MIMO	Ant2	5745	---	12.74	93.57	0.29	13.03	≤30.00	PASS

11N20MIMO	total	5745	---	---	---	---	16.05	≤27.95	PASS
11N20MIMO	Ant1	5785	---	12.80	37.50	4.26	17.06	≤30.00	PASS
11N20MIMO	Ant2	5785	---	13.05	93.57	0.29	13.34	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	---	18.60	≤27.95	PASS
11N20MIMO	Ant1	5825	---	13.69	92.86	0.32	14.01	≤30.00	PASS
11N20MIMO	Ant2	5825	---	13.62	92.91	0.32	13.94	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	---	16.99	≤27.95	PASS
11N40MIMO	Ant1	5190	---	16.18	90.48	0.43	16.61	≤23.98	PASS
11N40MIMO	Ant2	5190	---	14.12	90.48	0.43	14.55	≤23.98	PASS
11N40MIMO	total	5190	---	---	---	---	18.71	≤21.79	PASS
11N40MIMO	Ant1	5230	---	13.90	90.38	0.44	14.34	≤23.98	PASS
11N40MIMO	Ant2	5230	---	13.81	90.38	0.44	14.25	≤23.98	PASS
11N40MIMO	total	5230	---	---	---	---	17.31	≤21.79	PASS
11N40MIMO	Ant1	5755	---	12.90	90.38	0.44	13.34	≤30.00	PASS
11N40MIMO	Ant2	5755	---	12.68	90.38	0.44	13.12	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	---	16.24	≤27.95	PASS
11N40MIMO	Ant1	5795	---	13.23	90.48	0.43	13.66	≤30.00	PASS
11N40MIMO	Ant2	5795	---	13.20	90.38	0.44	13.64	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	---	16.66	≤27.95	PASS
11AC20MIMO	Ant1	5180	---	14.46	92.91	0.32	14.78	≤23.98	PASS
11AC20MIMO	Ant2	5180	---	14.41	92.91	0.32	14.73	≤23.98	PASS
11AC20M	total	5180	---	---	---	---	17.77	≤21.79	PASS

IMO									
11AC20M IMO	Ant1	5200	---	13.91	92.91	0.32	14.23	≤23.98	PASS
11AC20M IMO	Ant2	5200	---	13.77	92.91	0.32	14.09	≤23.98	PASS
11AC20M IMO	total	5200	---	---	---	---	17.17	≤21.79	PASS
11AC20M IMO	Ant1	5240	---	13.36	92.91	0.32	13.68	≤23.98	PASS
11AC20M IMO	Ant2	5240	---	13.36	92.96	0.32	13.68	≤23.98	PASS
11AC20M IMO	total	5240	---	---	---	---	16.69	≤21.79	PASS
11AC20M IMO	Ant1	5745	---	11.72	92.91	0.32	12.04	≤30.00	PASS
11AC20M IMO	Ant2	5745	---	11.64	92.96	0.32	11.96	≤30.00	PASS
11AC20M IMO	total	5745	---	---	---	---	15.01	≤27.95	PASS
11AC20M IMO	Ant1	5785	---	11.86	92.96	0.32	12.18	≤30.00	PASS
11AC20M IMO	Ant2	5785	---	11.93	92.96	0.32	12.25	≤30.00	PASS
11AC20M IMO	total	5785	---	---	---	---	15.23	≤27.95	PASS
11AC20M IMO	Ant1	5825	---	12.42	92.96	0.32	12.74	≤30.00	PASS
11AC20M IMO	Ant2	5825	---	12.46	92.96	0.32	12.78	≤30.00	PASS
11AC20M IMO	total	5825	---	---	---	---	15.77	≤27.95	PASS
11AC40M IMO	Ant1	5190	---	14.37	86.67	0.62	14.99	≤23.98	PASS
11AC40M IMO	Ant2	5190	---	14.29	86.84	0.61	14.90	≤23.98	PASS
11AC40M IMO	total	5190	---	---	---	---	17.96	≤21.79	PASS
11AC40M IMO	Ant1	5230	---	13.81	86.67	0.62	14.43	≤23.98	PASS
11AC40M IMO	Ant2	5230	---	13.78	86.84	0.61	14.39	≤23.98	PASS
11AC40M IMO	total	5230	---	---	---	---	17.42	≤21.79	PASS

11AC40M IMO	Ant1	5755	---	13.04	86.67	0.62	13.66	≤30.00	PASS
11AC40M IMO	Ant2	5755	---	12.97	86.67	0.62	13.59	≤30.00	PASS
11AC40M IMO	total	5755	---	---	---	---	16.64	≤27.95	PASS
11AC40M IMO	Ant1	5795	---	13.18	86.67	0.62	13.80	≤30.00	PASS
11AC40M IMO	Ant2	5795	---	13.21	86.67	0.62	13.83	≤30.00	PASS
11AC40M IMO	total	5795	---	---	---	---	16.83	≤27.95	PASS
11AC80M IMO	Ant1	5210	---	13.21	76.19	1.18	14.39	≤23.98	PASS
11AC80M IMO	Ant2	5210	---	13.15	76.74	1.15	14.30	≤23.98	PASS
11AC80M IMO	total	5210	---	---	---	---	17.36	≤21.79	PASS
11AC80M IMO	Ant1	5775	---	13.35	76.74	1.15	14.50	≤30.00	PASS
11AC80M IMO	Ant2	5775	---	13.37	76.19	1.18	14.55	≤30.00	PASS
11AC80M IMO	total	5775	---	---	---	---	17.54	≤27.95	PASS
11AX20M IMO	Ant1	5180	---	14.19	54.55	2.63	16.82	≤23.98	PASS
11AX20M IMO	Ant2	5180	---	14.37	54.55	2.63	17.00	≤23.98	PASS
11AX20M IMO	total	5180	---	---	---	---	19.92	≤21.79	PASS
11AX20M IMO	Ant1	5200	---	13.93	54.55	2.63	16.56	≤23.98	PASS
11AX20M IMO	Ant2	5200	---	13.82	54.55	2.63	16.45	≤23.98	PASS
11AX20M IMO	total	5200	---	---	---	---	19.52	≤21.79	PASS
11AX20M IMO	Ant1	5240	---	13.33	54.55	2.63	15.96	≤23.98	PASS
11AX20M IMO	Ant2	5240	---	13.32	54.55	2.63	15.95	≤23.98	PASS
11AX20M IMO	total	5240	---	---	---	---	18.97	≤21.79	PASS
11AX20M	Ant1	5745	---	14.73	70.81	1.50	16.23	≤30.00	PASS

IMO									
11AX20M IMO	Ant2	5745	---	14.61	70.81	1.50	16.11	≤30.00	PASS
11AX20M IMO	total	5745	---	---	---	---	19.18	≤27.95	PASS
11AX20M IMO	Ant1	5785	---	14.85	70.27	1.53	16.38	≤30.00	PASS
11AX20M IMO	Ant2	5785	---	14.85	71.58	1.45	16.30	≤30.00	PASS
11AX20M IMO	total	5785	---	---	---	---	19.35	≤27.95	PASS
11AX20M IMO	Ant1	5825	---	14.16	70.81	1.50	15.66	≤30.00	PASS
11AX20M IMO	Ant2	5825	---	14.13	70.81	1.50	15.63	≤30.00	PASS
11AX20M IMO	total	5825	---	---	---	---	18.66	≤28.95	PASS
11AX40M IMO	Ant1	5190	---	14.02	44.44	3.52	17.54	≤23.98	PASS
11AX40M IMO	Ant2	5190	---	14.03	47.37	3.24	17.27	≤23.98	PASS
11AX40M IMO	total	5190	---	---	---	---	20.42	≤21.79	PASS
11AX40M IMO	Ant1	5230	---	13.62	47.37	3.24	16.86	≤23.98	PASS
11AX40M IMO	Ant2	5230	---	13.68	44.44	3.52	17.20	≤23.98	PASS
11AX40M IMO	total	5230	---	---	---	---	20.04	≤21.79	PASS
11AX40M IMO	Ant1	5755	---	14.00	54.62	2.63	16.63	≤30.00	PASS
11AX40M IMO	Ant2	5755	---	14.00	55.56	2.55	16.55	≤30.00	PASS
11AX40M IMO	total	5755	---	---	---	---	19.60	≤27.95	PASS
11AX40M IMO	Ant1	5795	---	14.25	55.46	2.56	16.81	≤30.00	PASS
11AX40M IMO	Ant2	5795	---	14.27	55.08	2.59	16.86	≤30.00	PASS
11AX40M IMO	total	5795	---	---	---	---	19.85	≤27.95	PASS
11AX80M IMO	Ant1	5210	---	13.33	41.18	3.85	17.18	≤23.98	PASS

11AX80M IMO	Ant2	5210	---	13.32	41.18	3.85	17.17	≤23.98	PASS
11AX80M IMO	total	5210	---	---	---	---	20.19	≤21.79	PASS
11AX80M IMO	Ant1	5775	---	13.52	43.84	3.58	17.10	≤30.00	PASS
11AX80M IMO	Ant2	5775	---	13.56	44.00	3.57	17.13	≤30.00	PASS
11AX80M IMO	total	5775	---	---	---	---	20.13	≤27.95	PASS

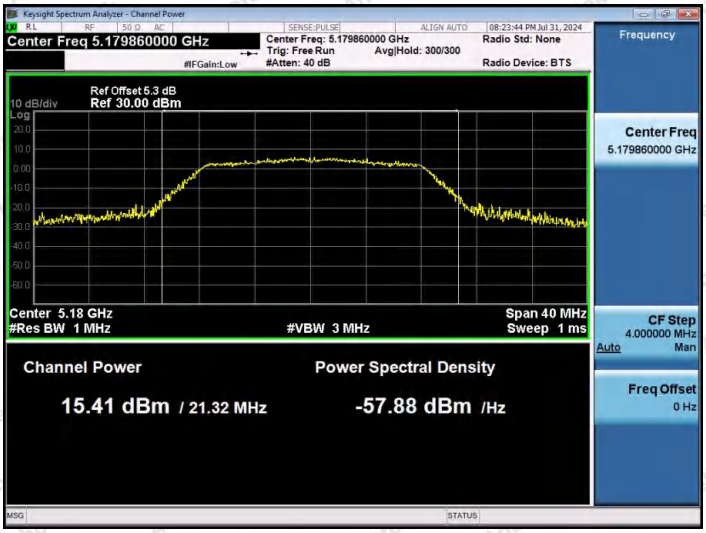
Note：1.The Duty Cycle Factor and cable loss are compensated in the graph.

2.Total (dBm)=10xlog($10^{(ANT1\ power(dBm)/10)}$ + $10^{(ANT2\ power(dBm)/10)}$)

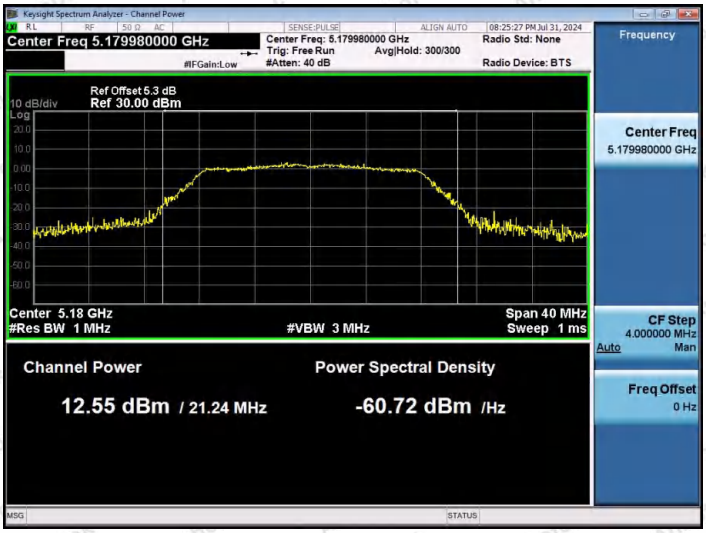
3.As Directional gain=10 log[($10^{G1/20}$ + $10^{G2/20}$) ^{2} /N_{ANT}] dBi,

so MIMO Limit (dBm/MHz)=$Limit_{B1/B2/B3}$-(Directional gain-6.00).

Test Graphs Channel Power



11A-Ant1-5180-PASS



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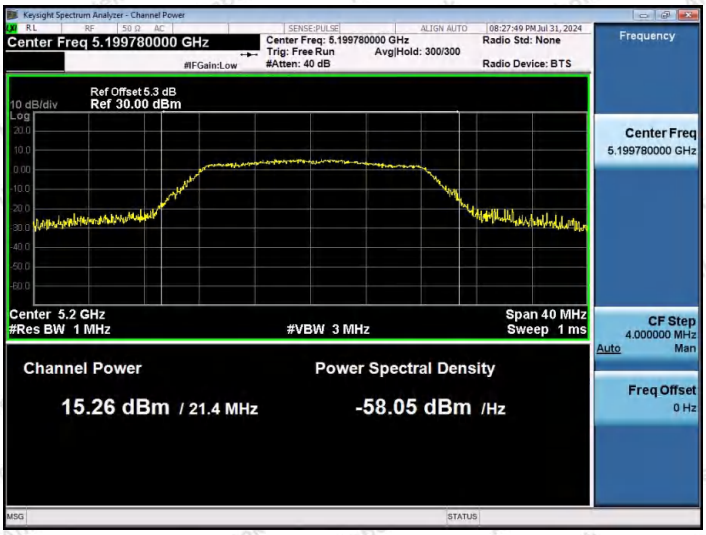
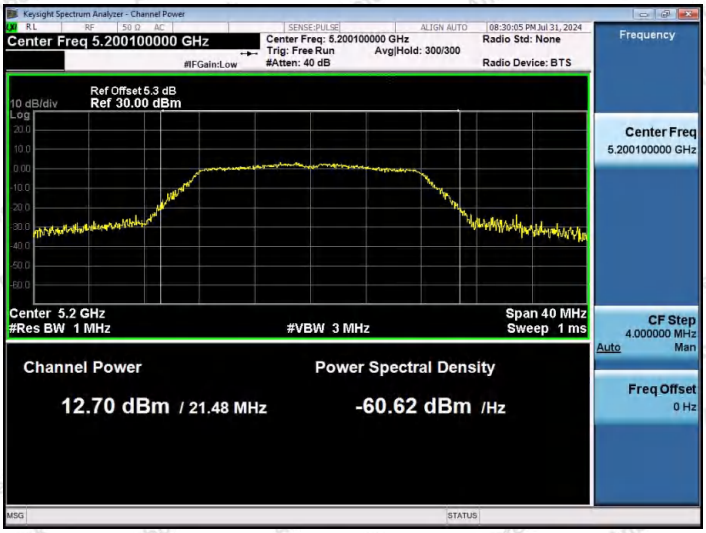
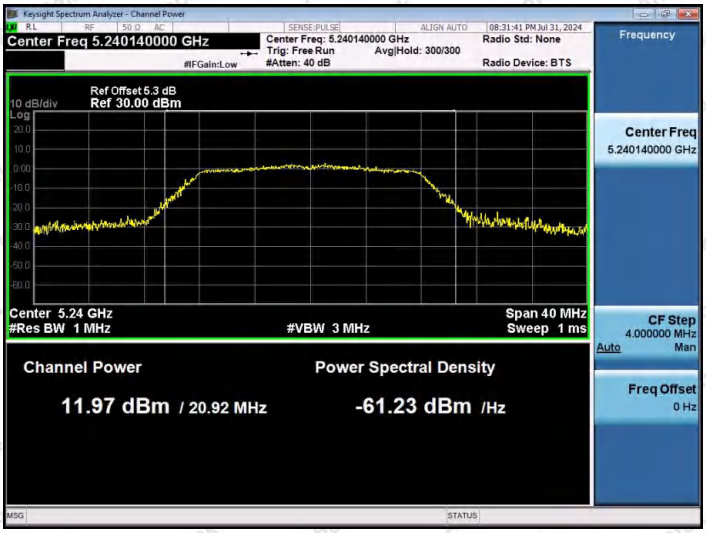


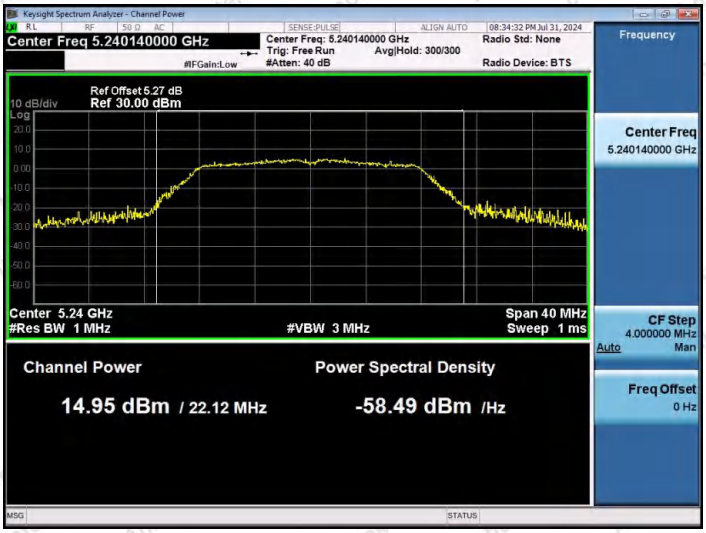
11A-Ant1-5200-PASS



11A-Ant2-5200-PASS



11A-Ant1-5240-PASS



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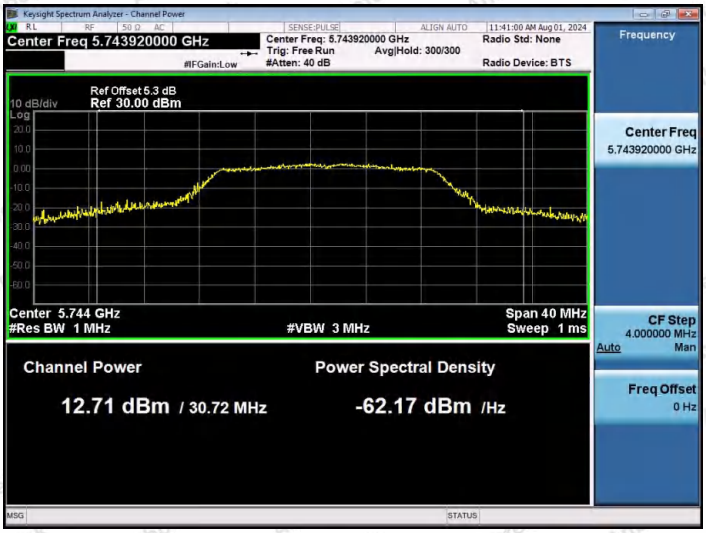

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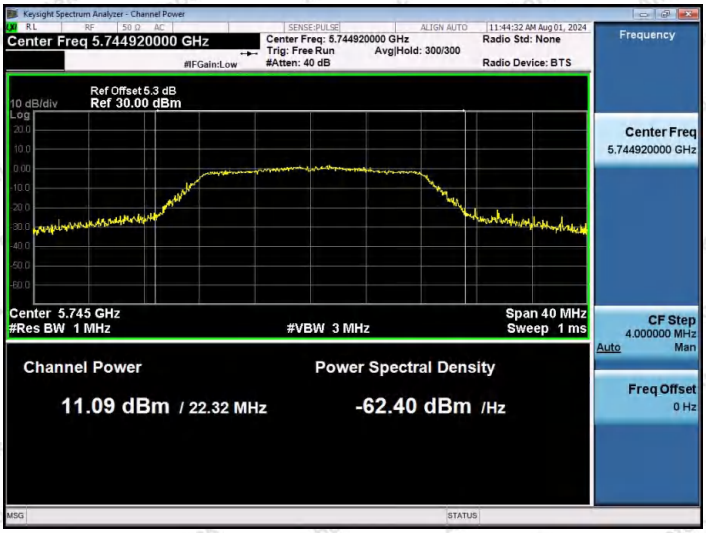
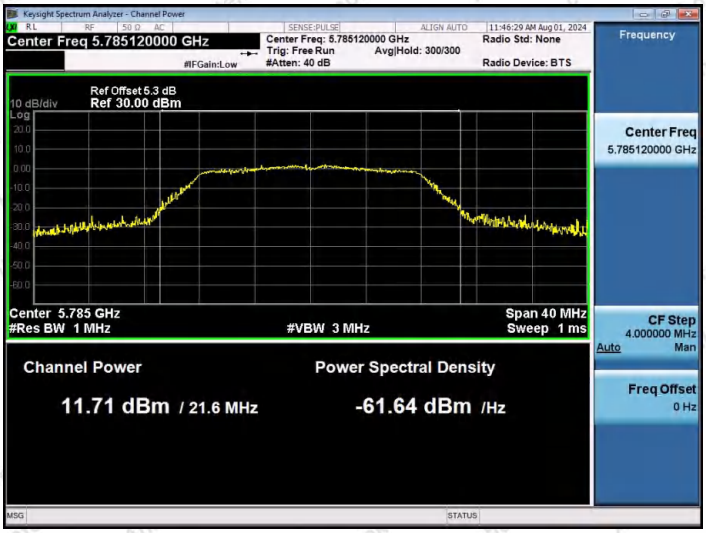
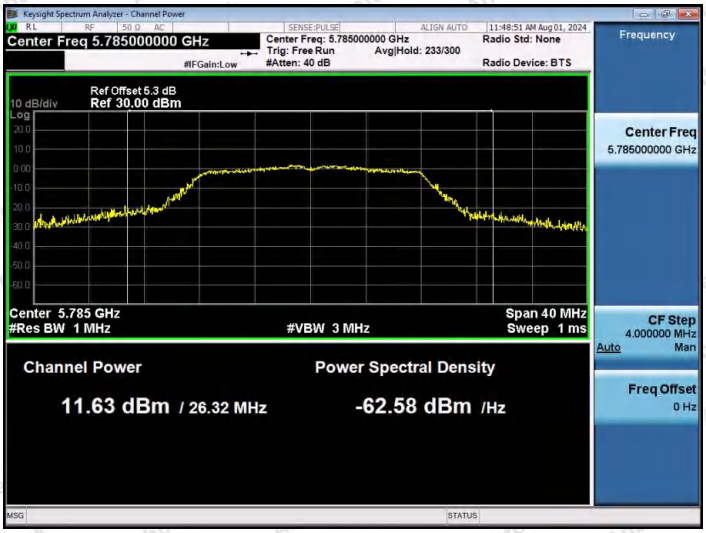


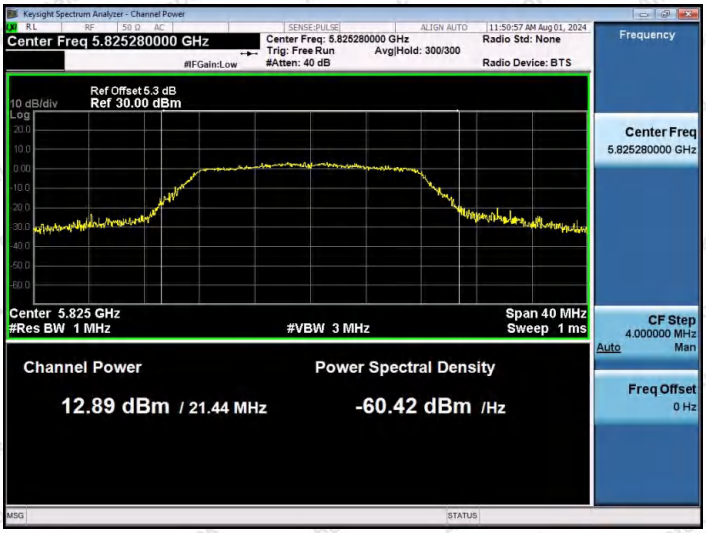
11A-Ant2-5745-PASS



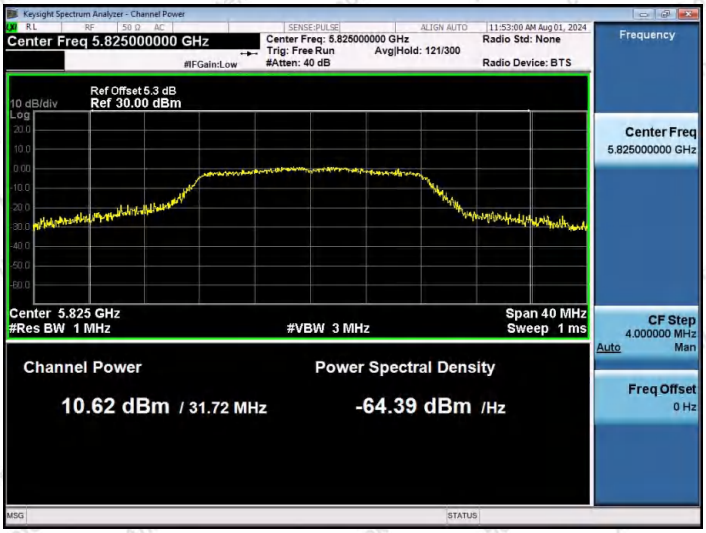
11A-Ant1-5785-PASS



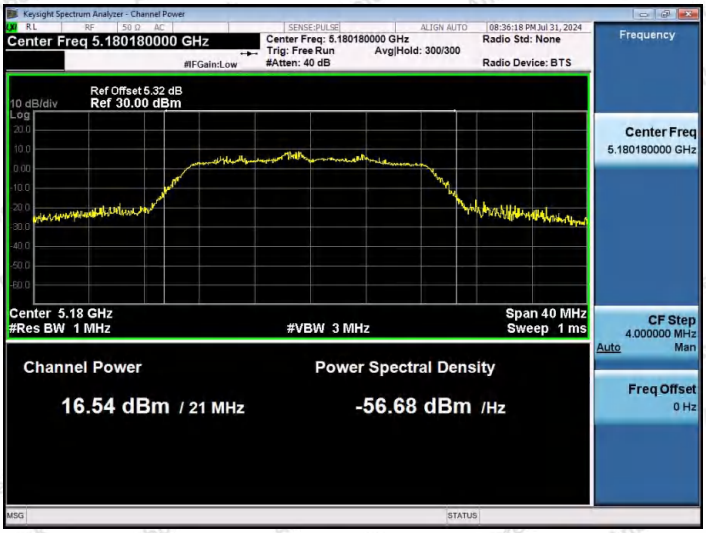
11A-Ant2-5785-PASS



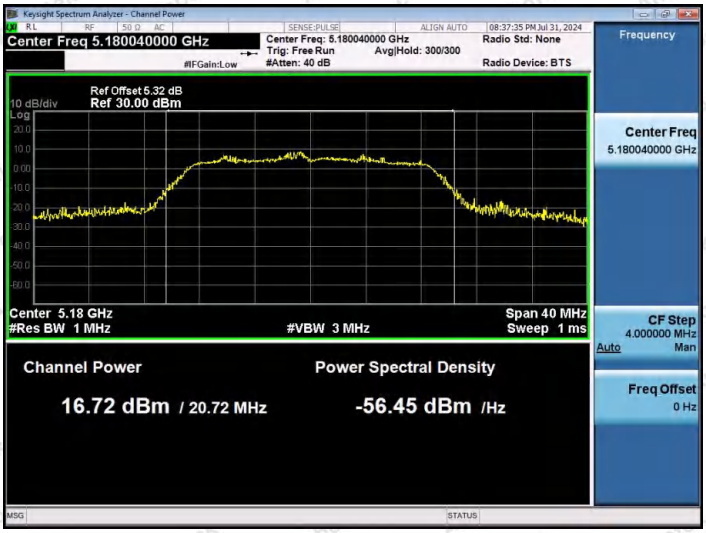
11A-Ant1-5825-PASS



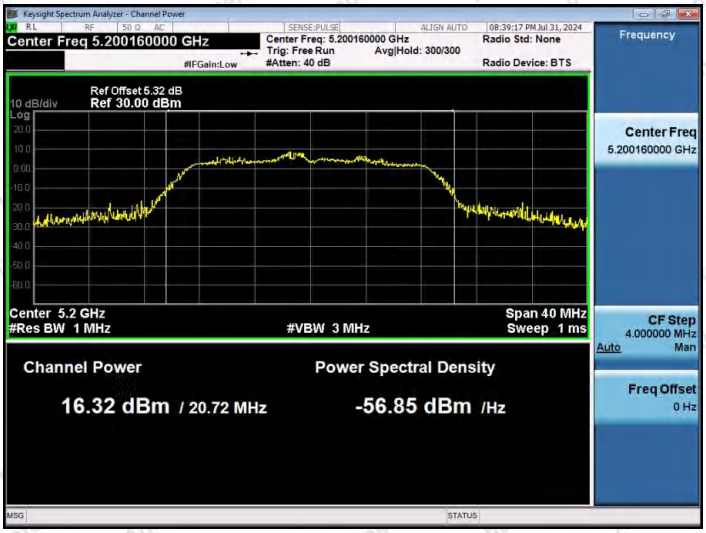
11A-Ant2-5825-PASS



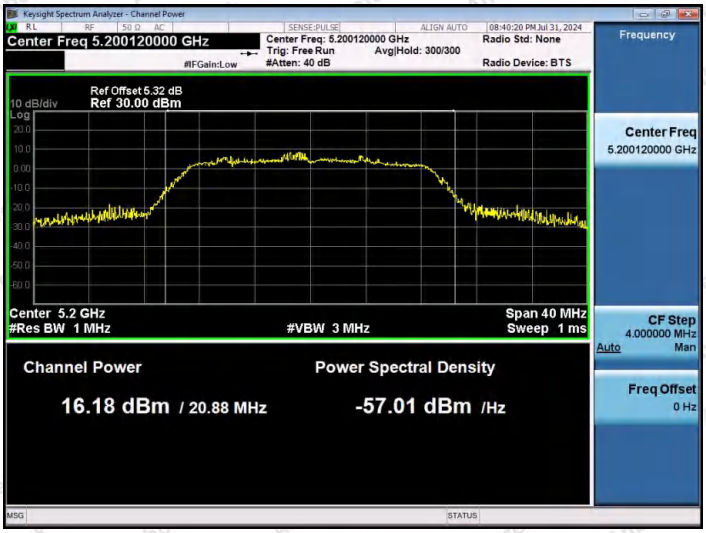
11N20MIMO-Ant1-5180-PASS



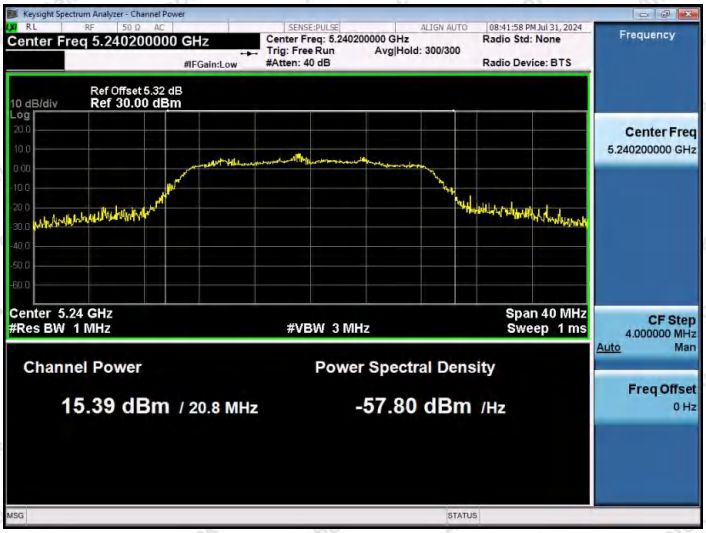
11N20MIMO-Ant2-5180-PASS



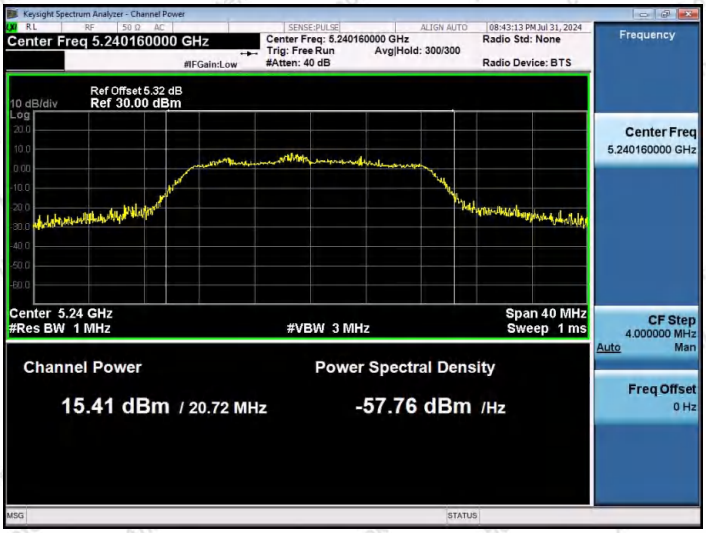
11N20MIMO-Ant1-5200-PASS



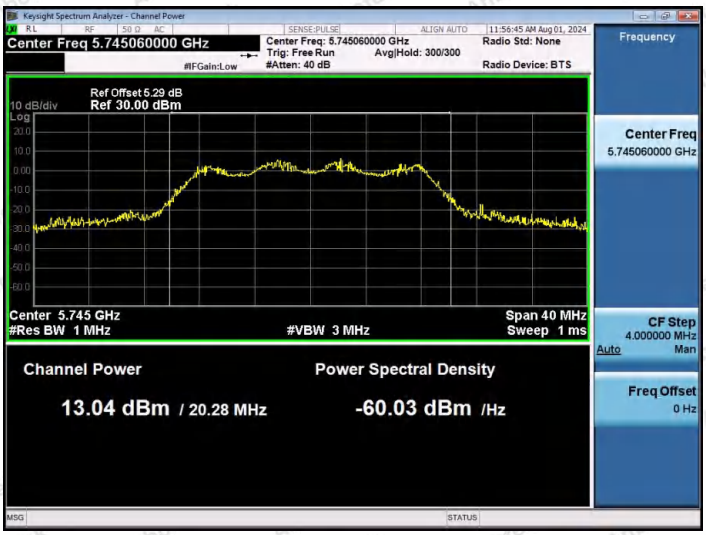
11N20MIMO-Ant2-5200-PASS



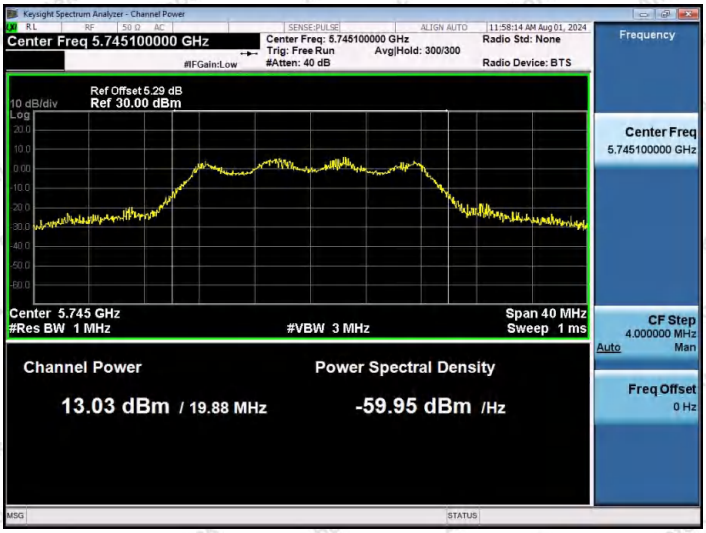
11N20MIMO-Ant1-5240-PASS



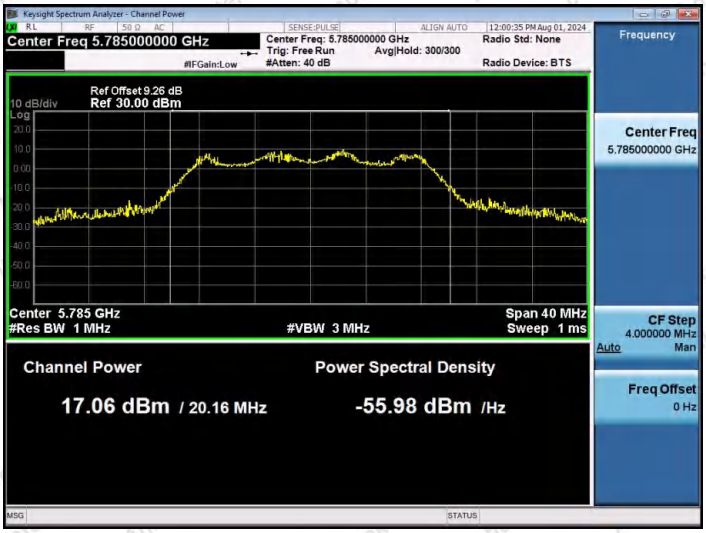
11N20MIMO-Ant2-5240-PASS



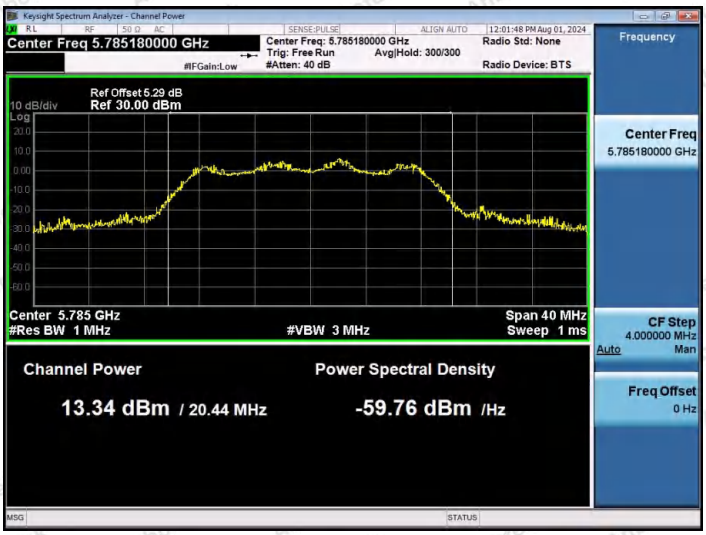
11N20MIMO-Ant1-5745-PASS



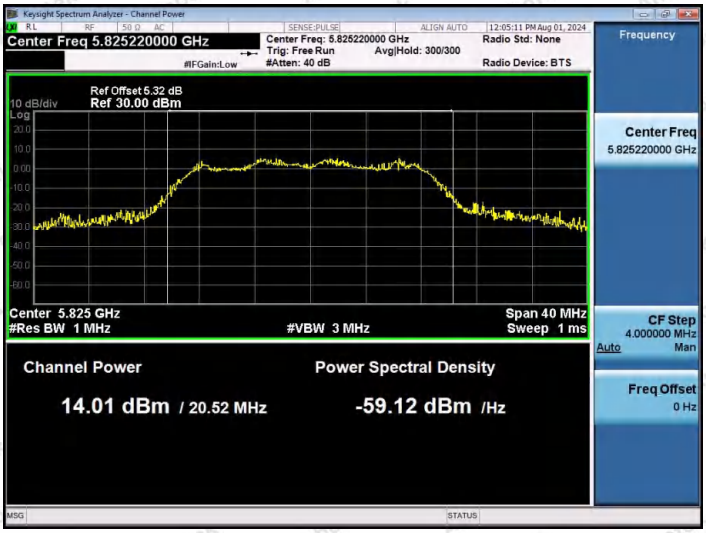
11N20MIMO-Ant2-5745-PASS



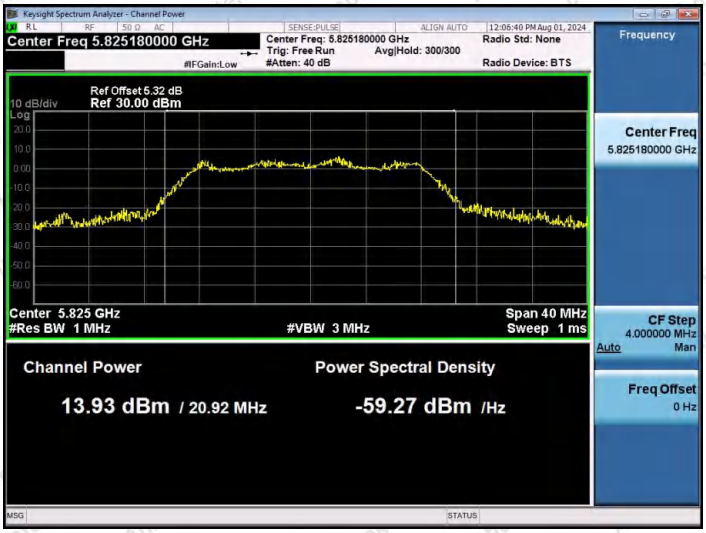
11N20MIMO-Ant1-5785-PASS



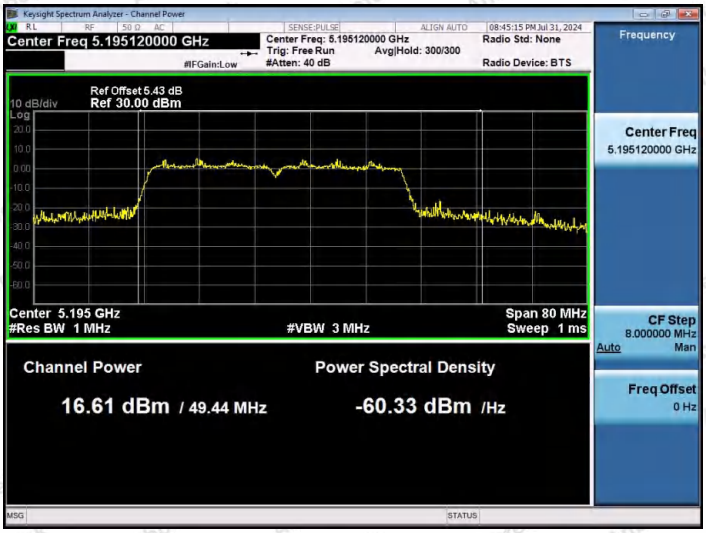
11N20MIMO-Ant2-5785-PASS



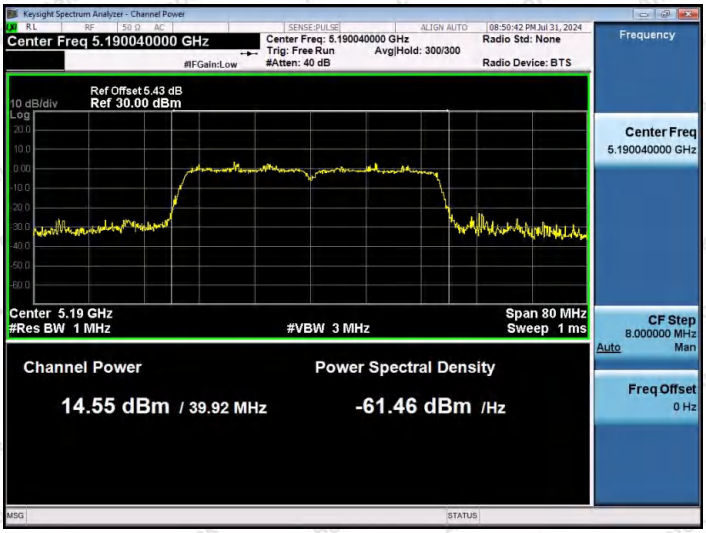
11N20MIMO-Ant1-5825-PASS



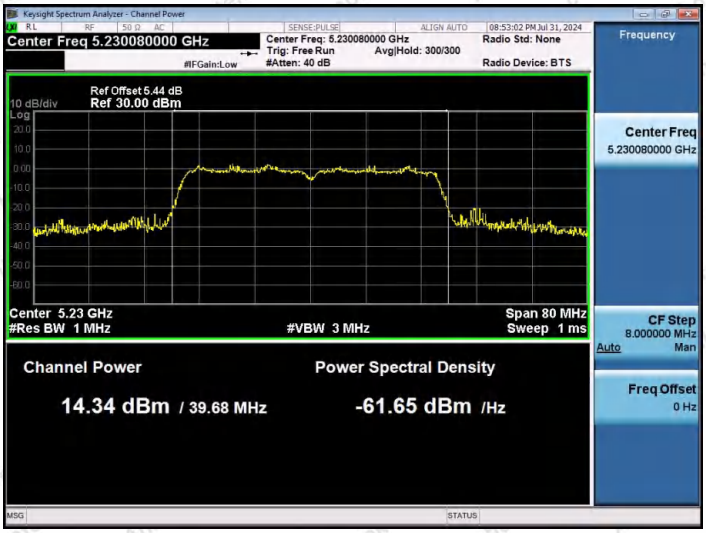
11N20MIMO-Ant2-5825-PASS



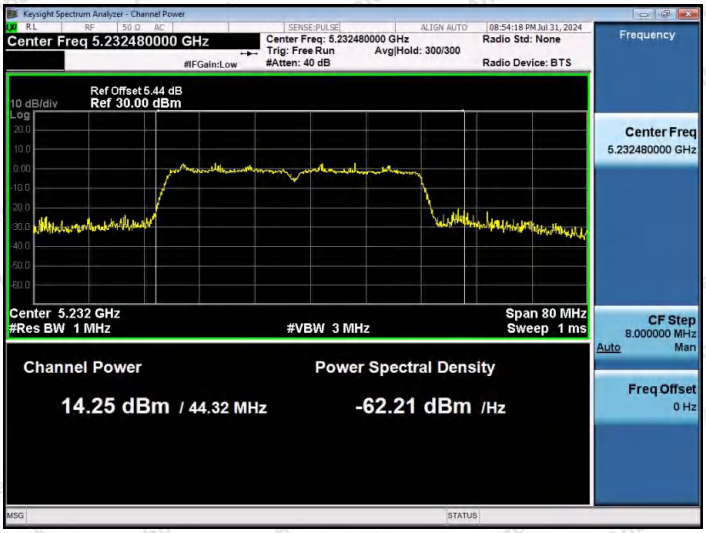
11N40MIMO-Ant1-5190-PASS



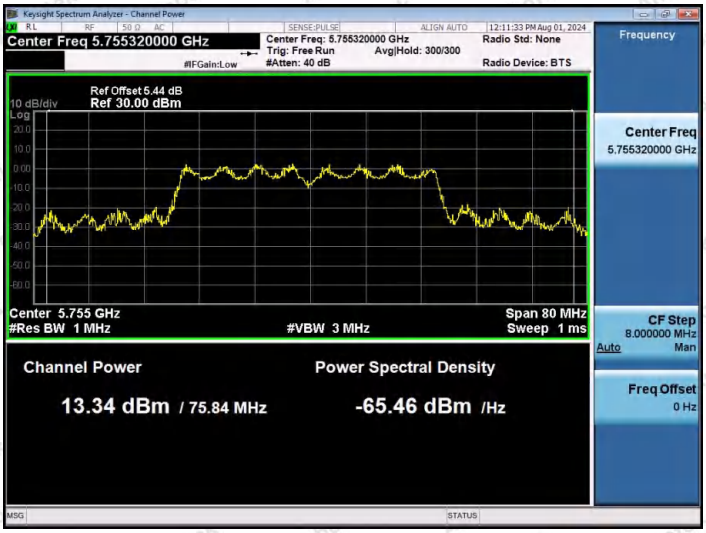
11N40MIMO-Ant2-5190-PASS



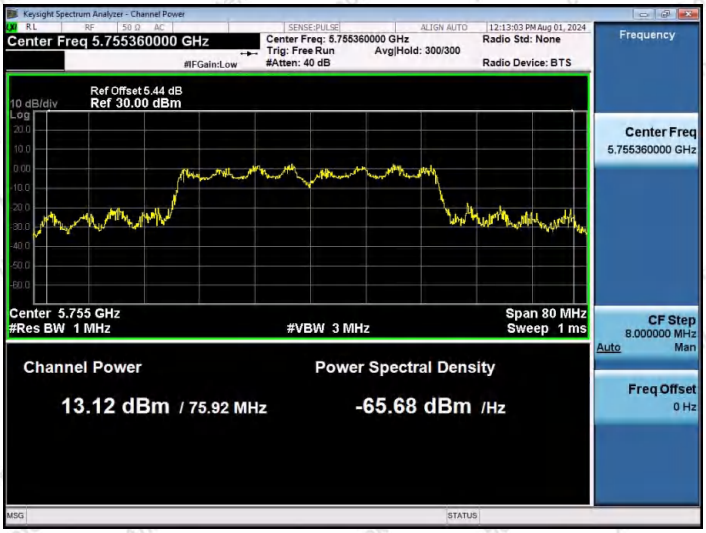
11N40MIMO-Ant1-5230-PASS



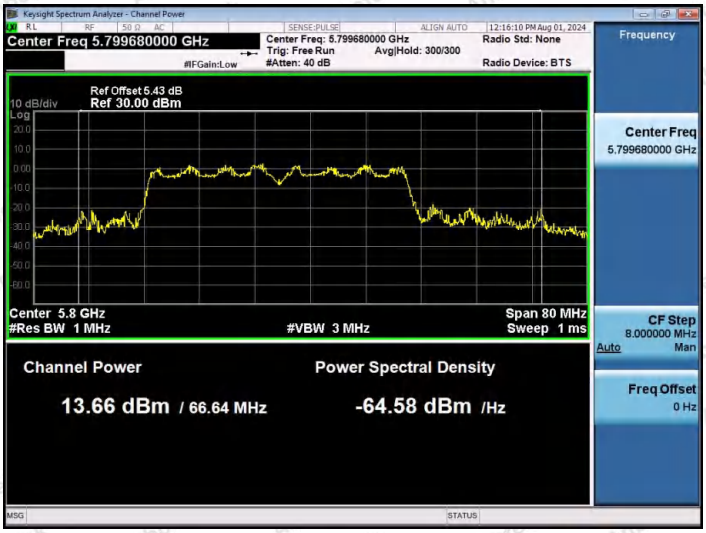
11N40MIMO-Ant2-5230-PASS



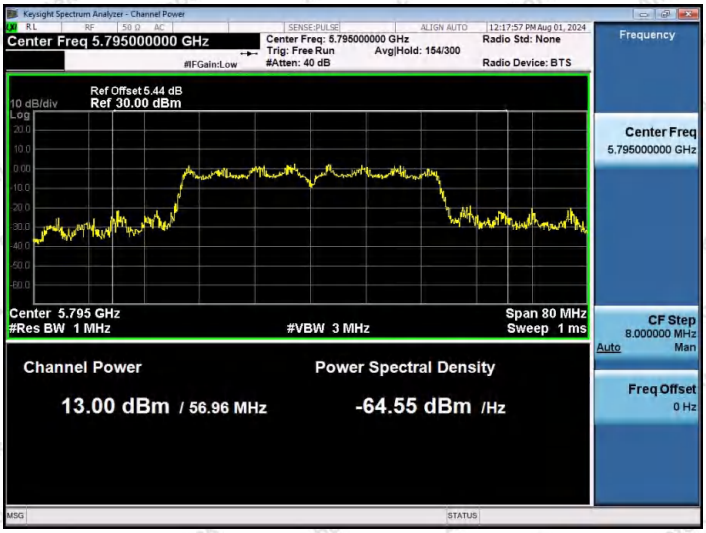
11N40MIMO-Ant1-5755-PASS



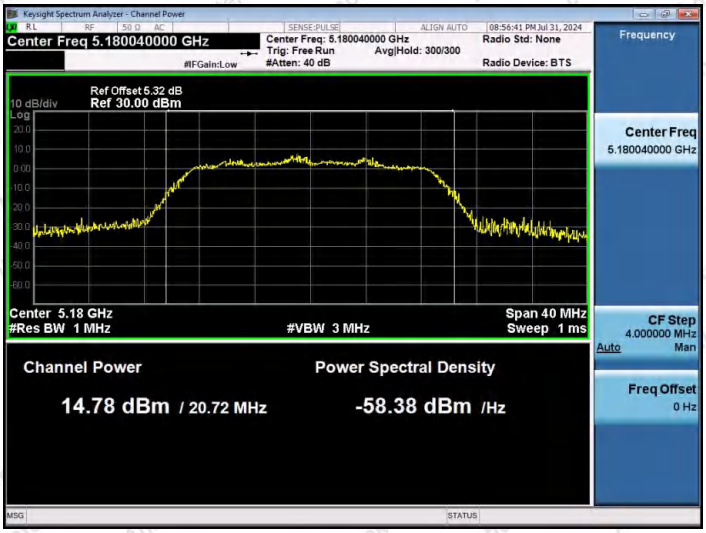
11N40MIMO-Ant2-5755-PASS



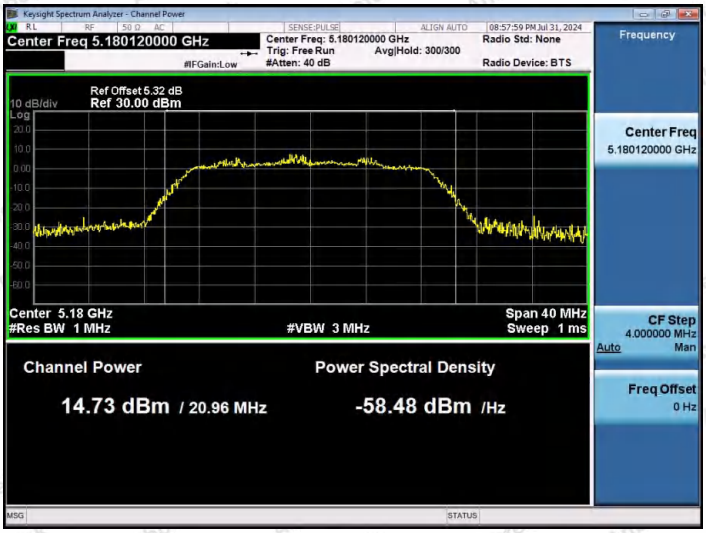
11N40MIMO-Ant1-5795-PASS



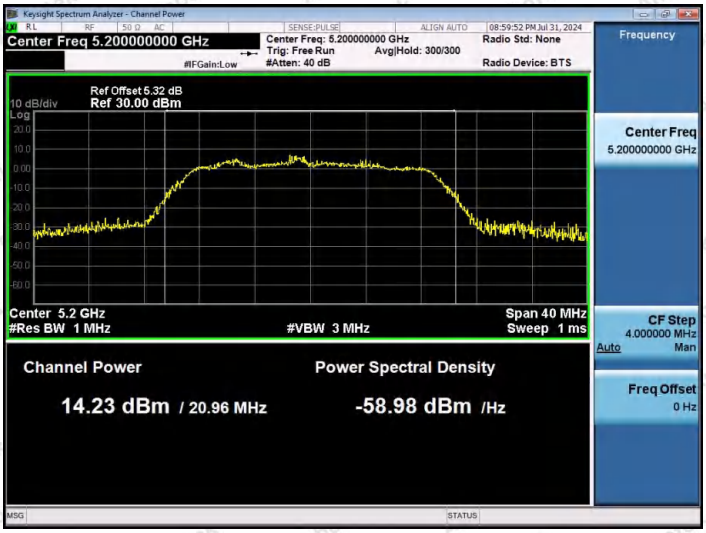
11N40MIMO-Ant2-5795-PASS



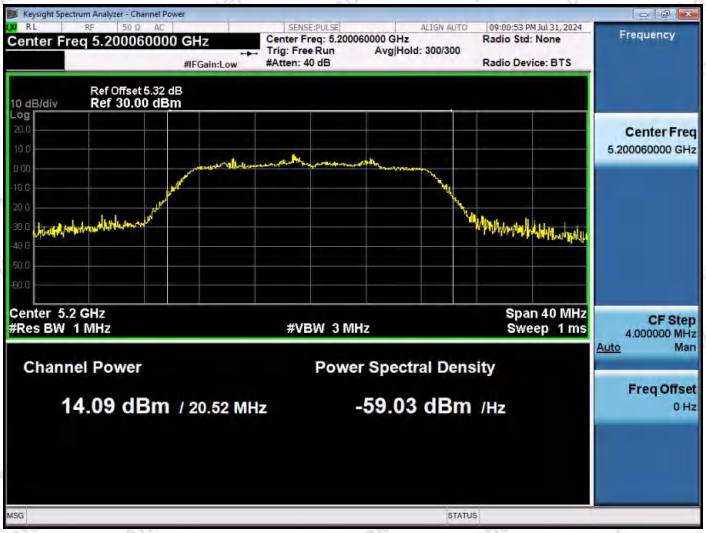
11AC20MIMO-Ant1-5180-PASS



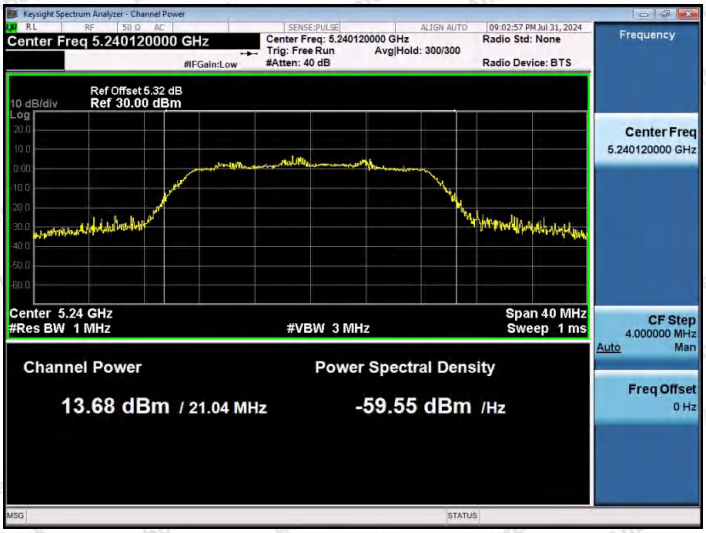
11AC20MIMO-Ant2-5180-PASS



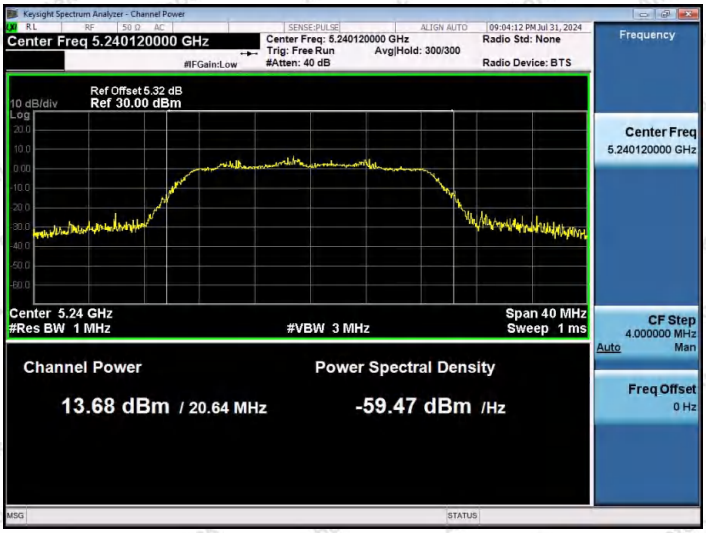
11AC20MIMO-Ant1-5200-PASS



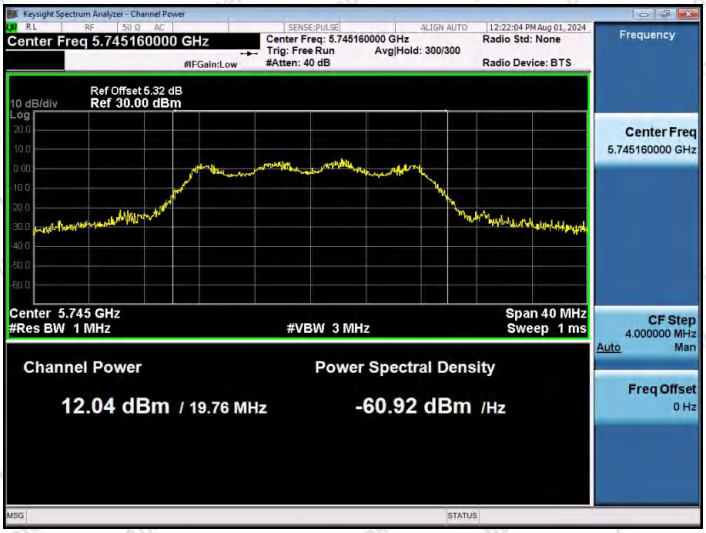
11AC20MIMO-Ant2-5200-PASS



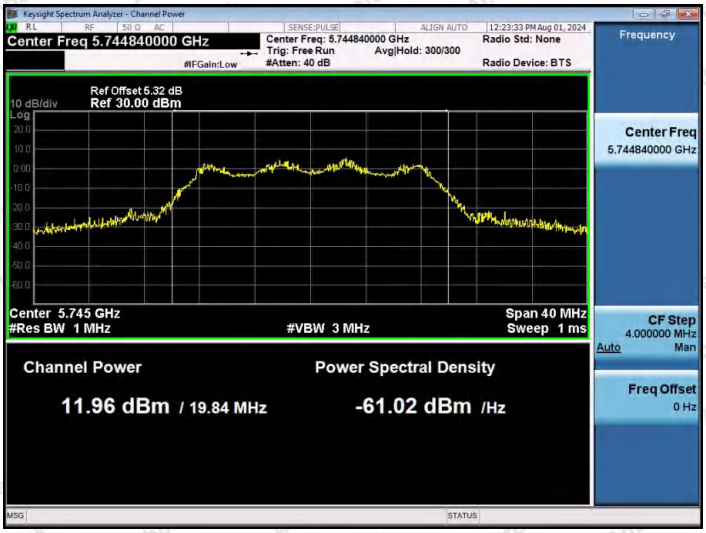
11AC20MIMO-Ant1-5240-PASS



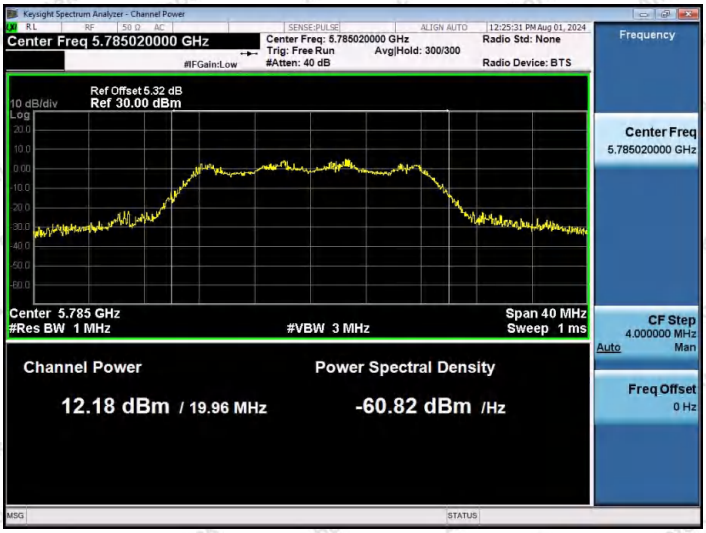
11AC20MIMO-Ant2-5240-PASS



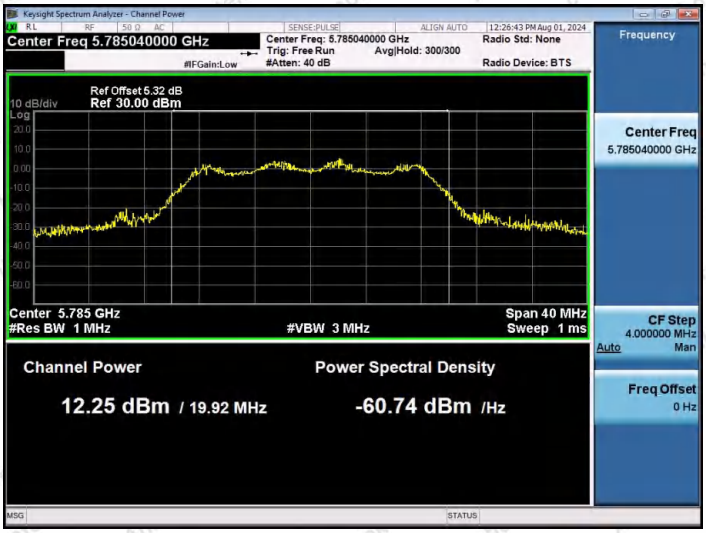
11AC20MIMO-Ant1-5745-PASS



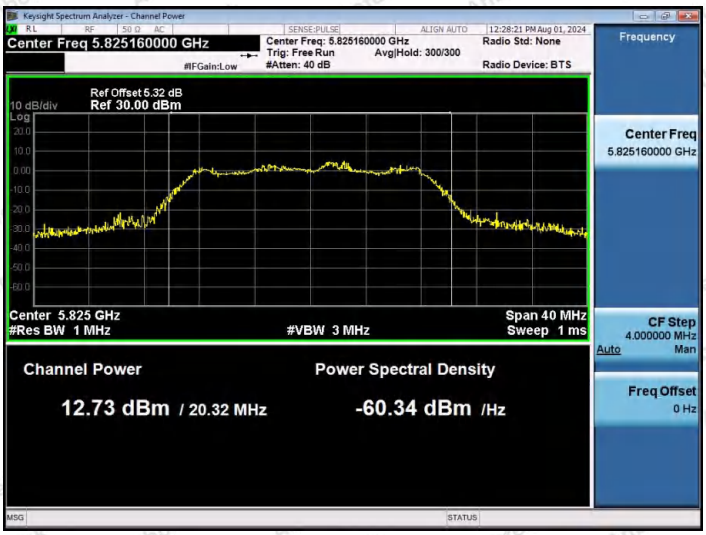
11AC20MIMO-Ant2-5745-PASS



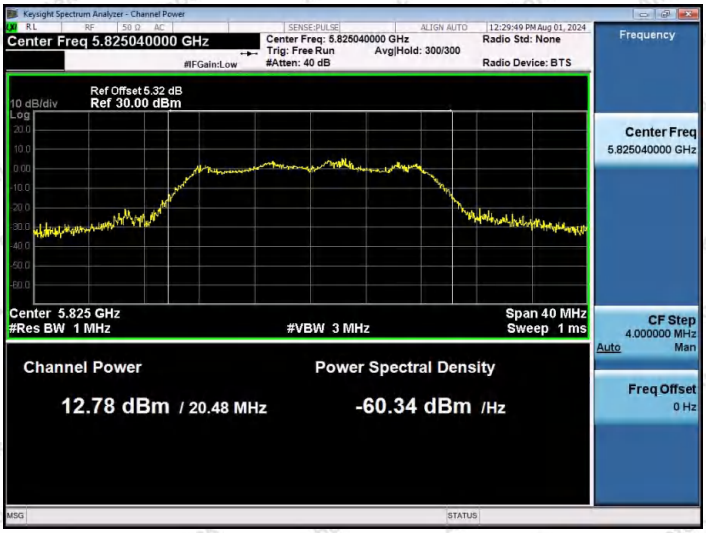
11AC20MIMO-Ant1-5785-PASS



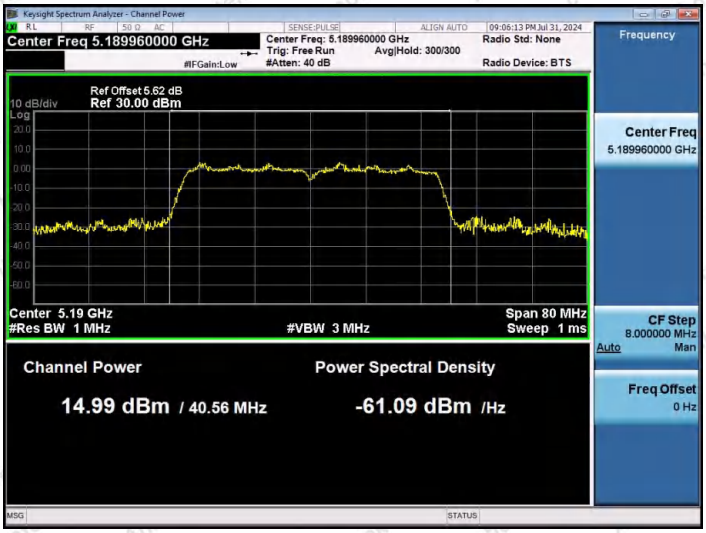
11AC20MIMO-Ant2-5785-PASS



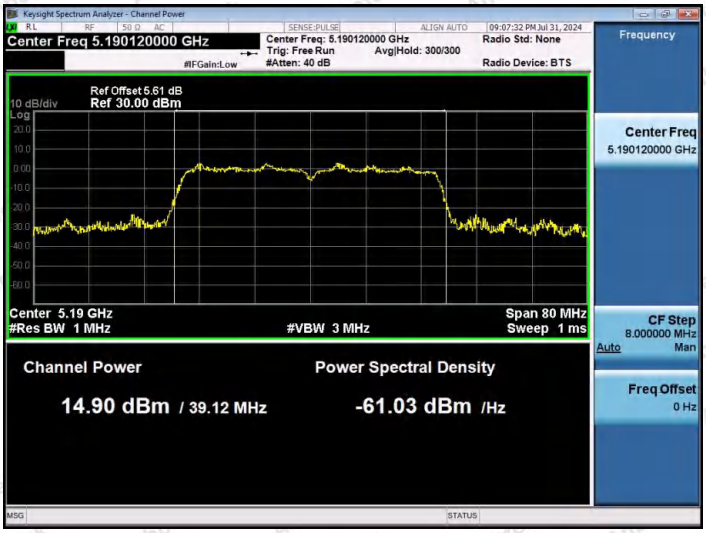
11AC20MIMO-Ant1-5825-PASS



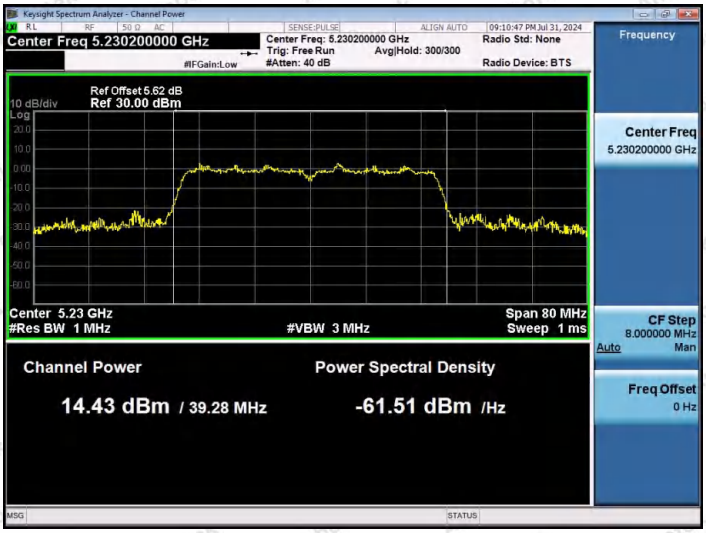
11AC20MIMO-Ant2-5825-PASS



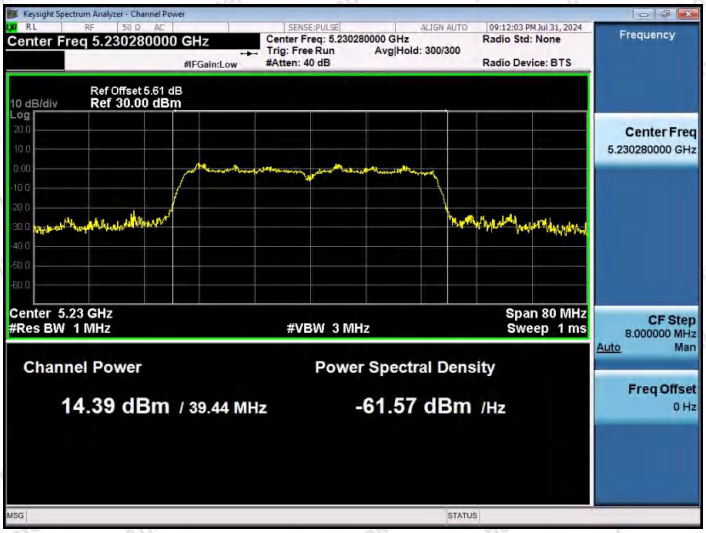
11AC40MIMO-Ant1-5190-PASS



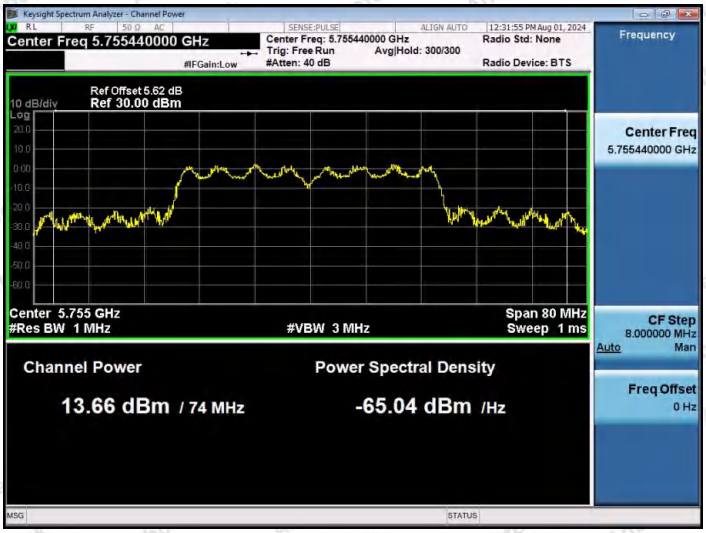
11AC40MIMO-Ant2-5190-PASS



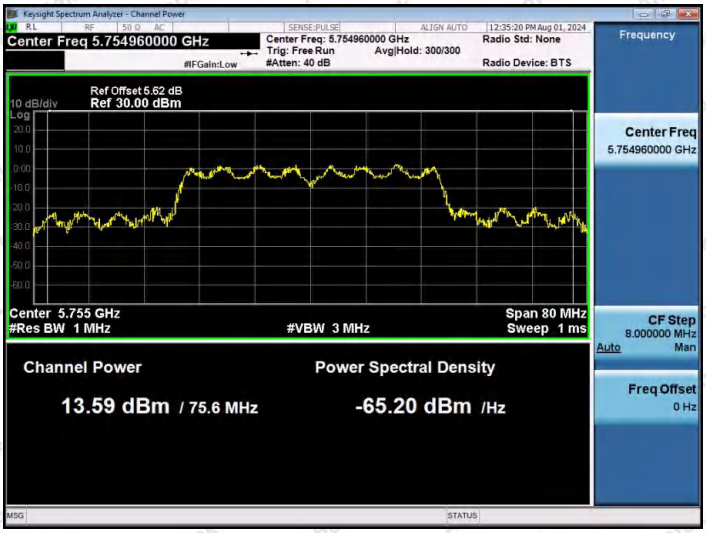
11AC40MIMO-Ant1-5230-PASS



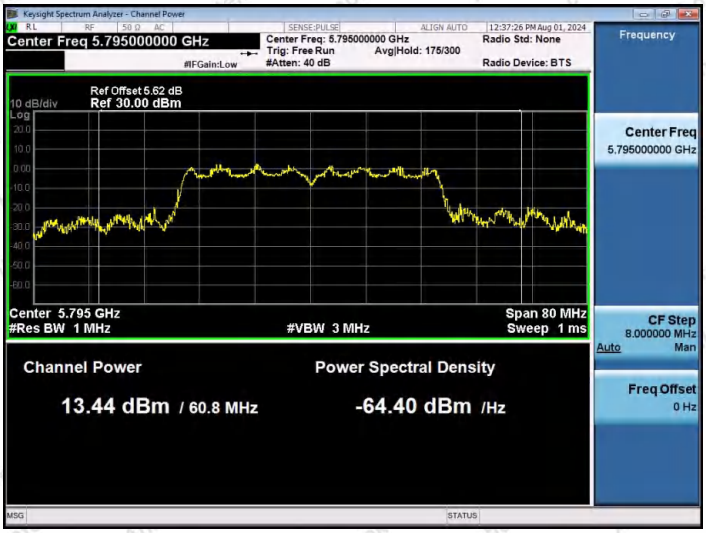
11AC40MIMO-Ant2-5230-PASS



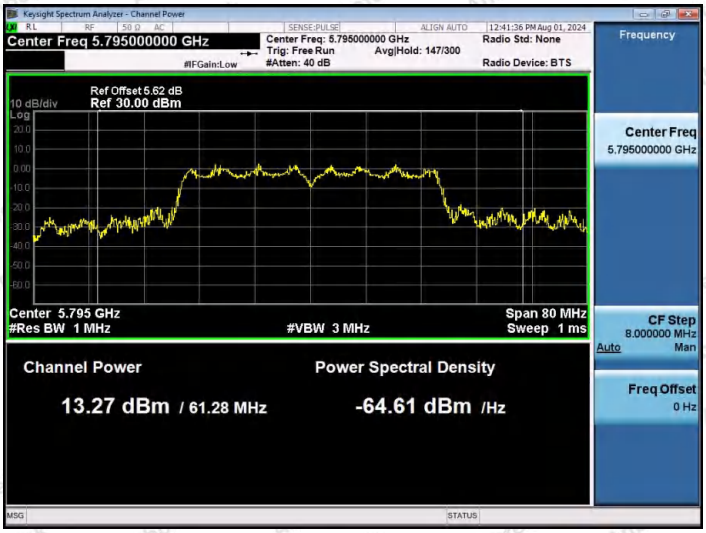
11AC40MIMO-Ant1-5755-PASS



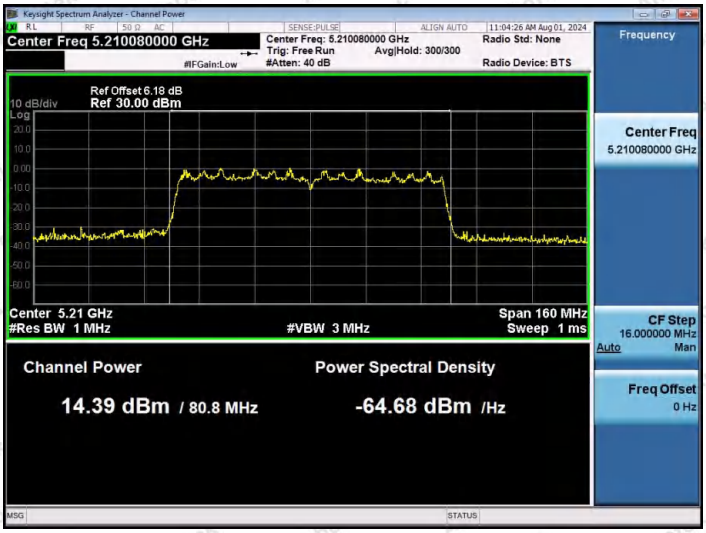
11AC40MIMO-Ant2-5755-PASS



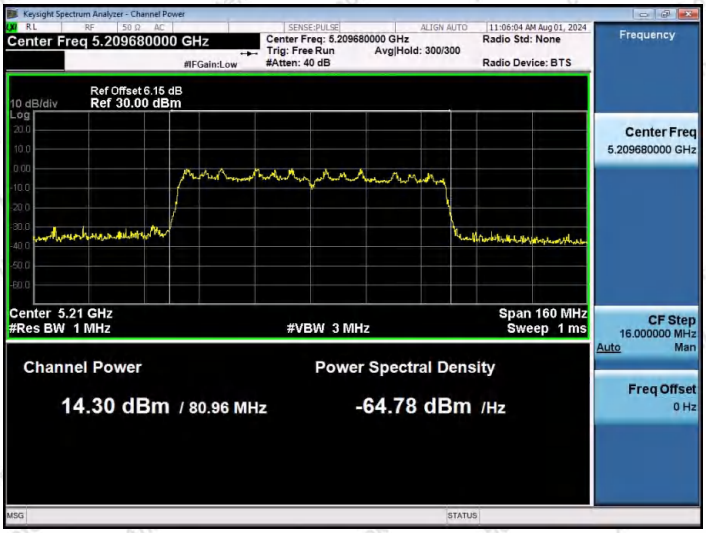
11AC40MIMO-Ant1-5795-PASS



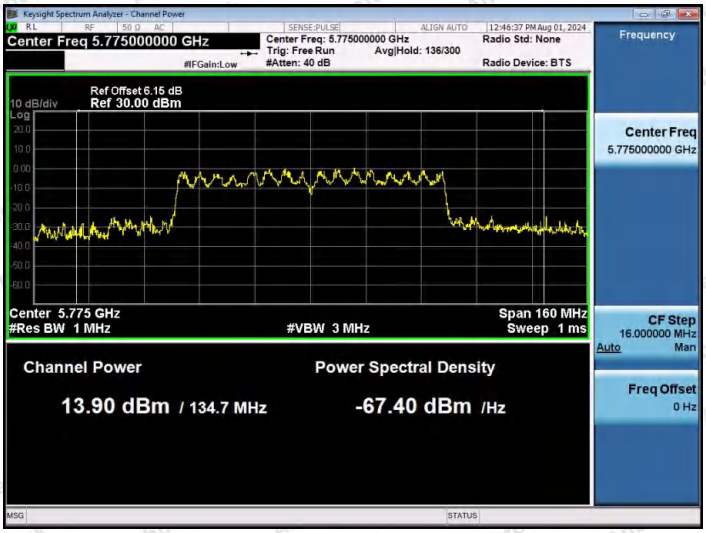
11AC40MIMO-Ant2-5795-PASS



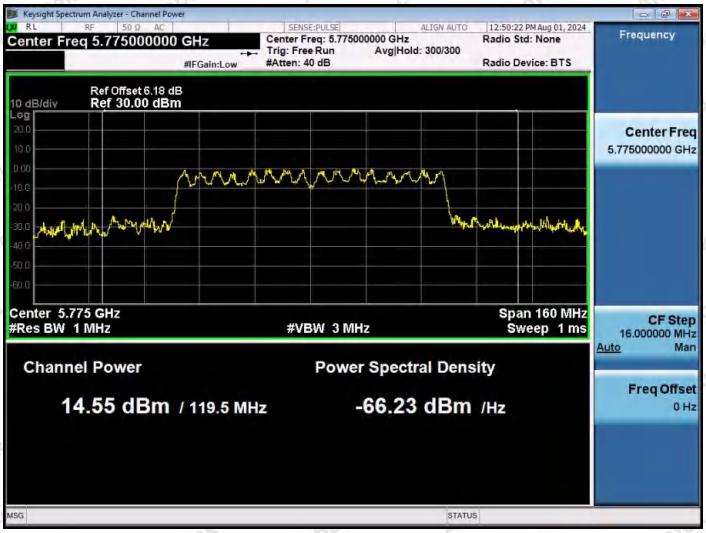
11AC80MIMO-Ant1-5210-PASS



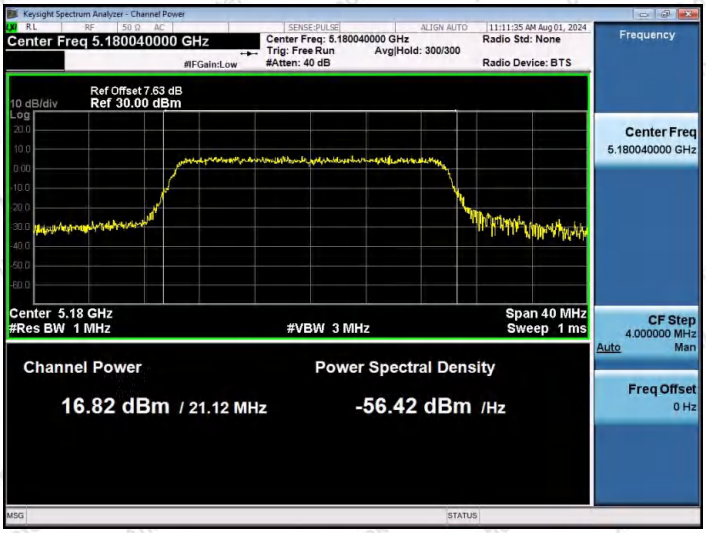
11AC80MIMO-Ant2-5210-PASS



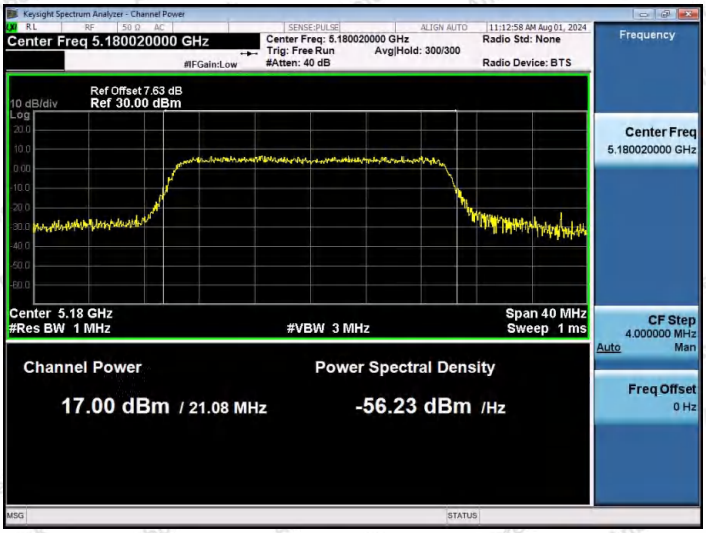
11AC80MIMO-Ant1-5775-PASS



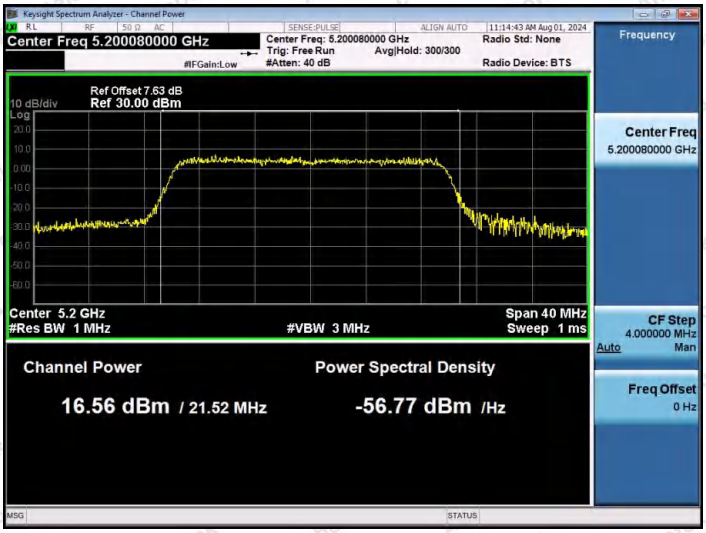
11AC80MIMO-Ant2-5775-PASS



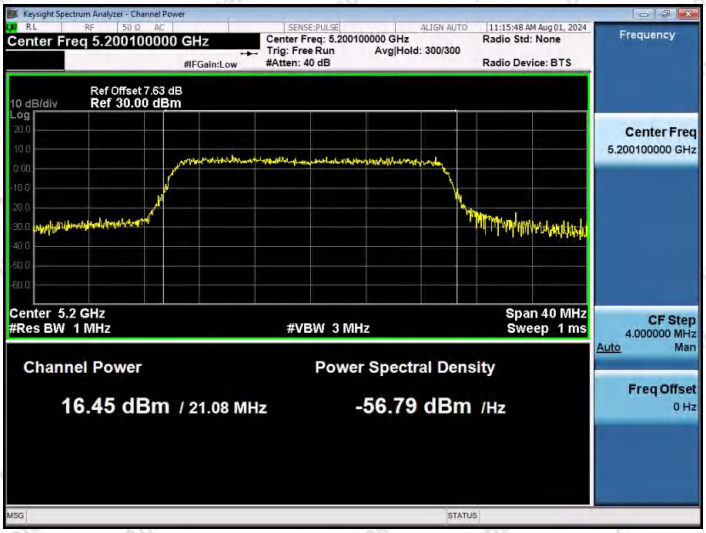
11AX20MIMO-Ant1-5180-PASS



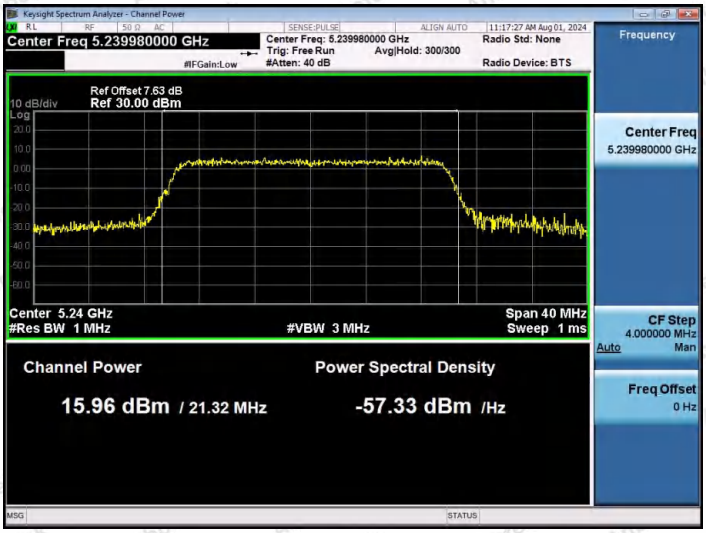
11AX20MIMO-Ant2-5180-PASS



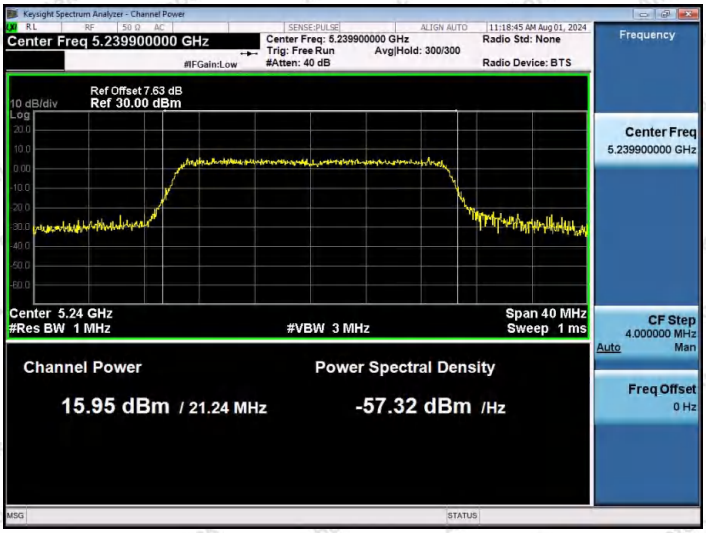
11AX20MIMO-Ant1-5200-PASS



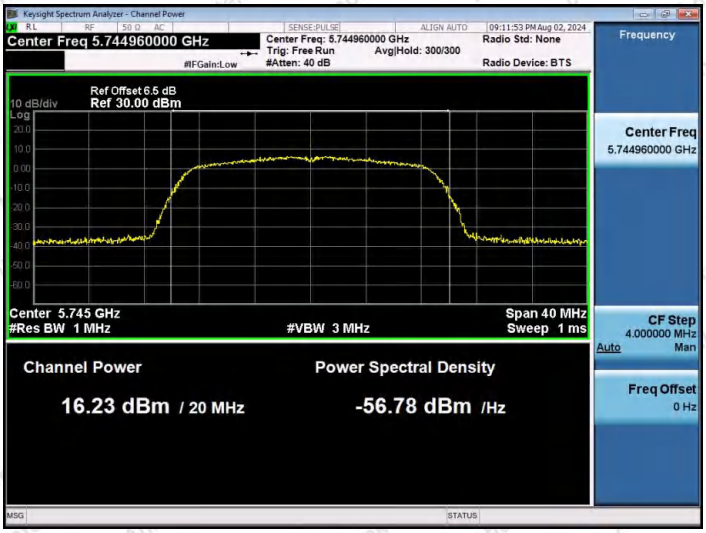
11AX20MIMO-Ant2-5200-PASS



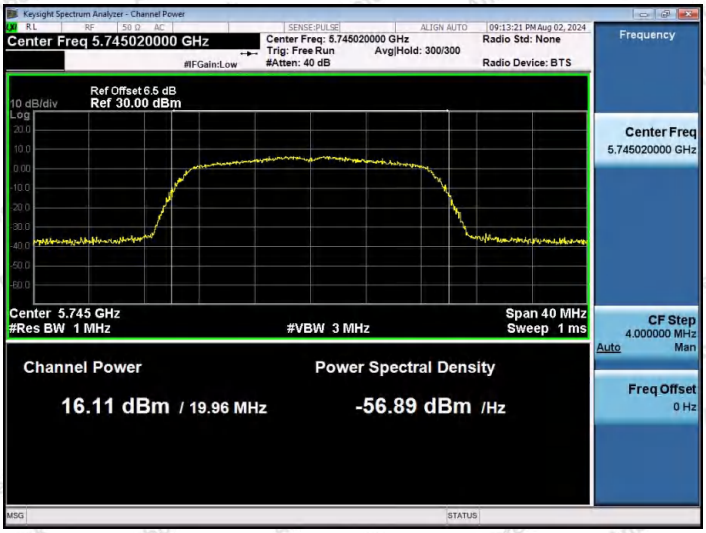
11AX20MIMO-Ant1-5240-PASS



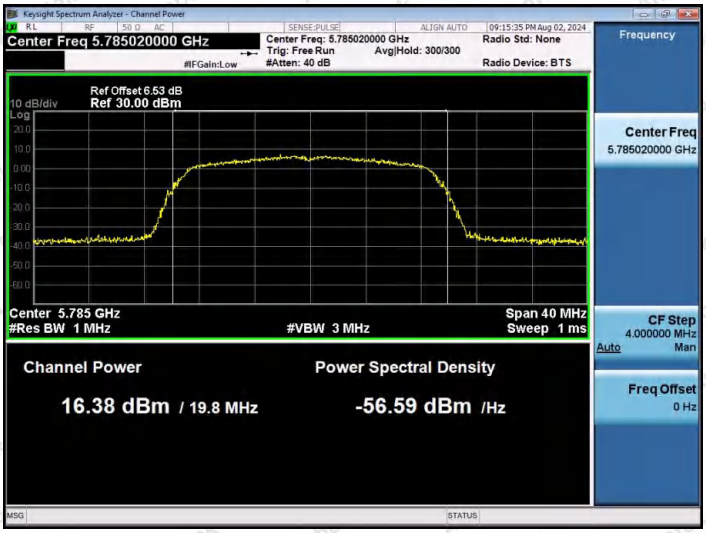
11AX20MIMO-Ant2-5240-PASS



11AX20MIMO-Ant1-5745-PASS



11AX20MIMO-Ant2-5745-PASS



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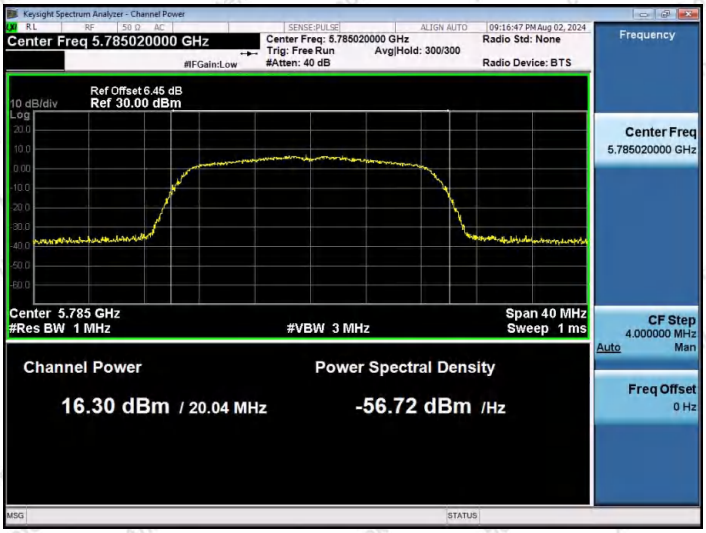

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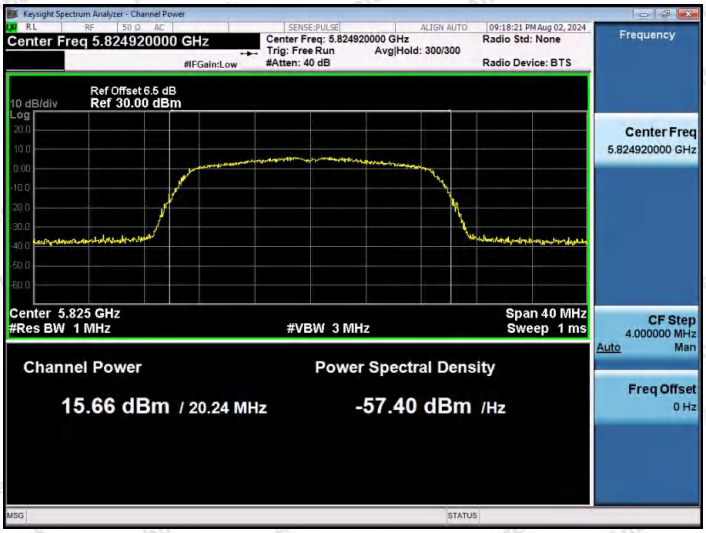

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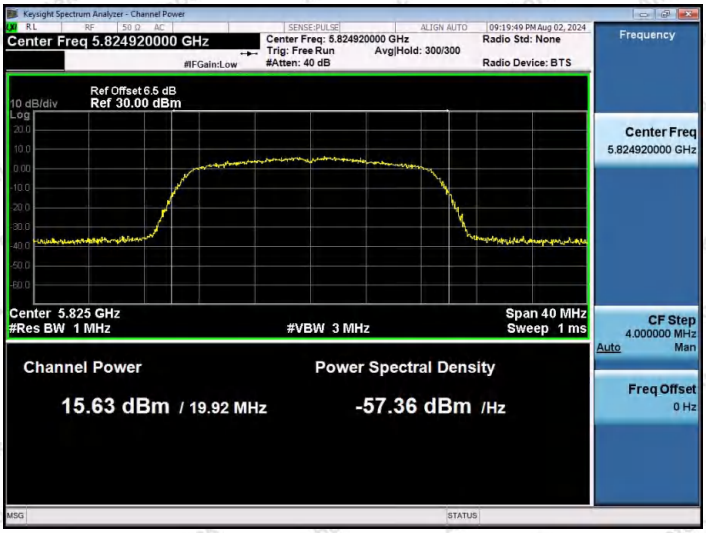
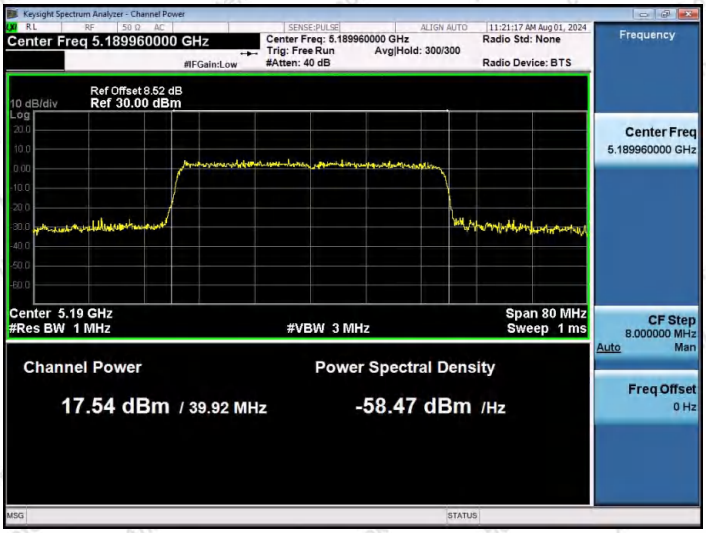
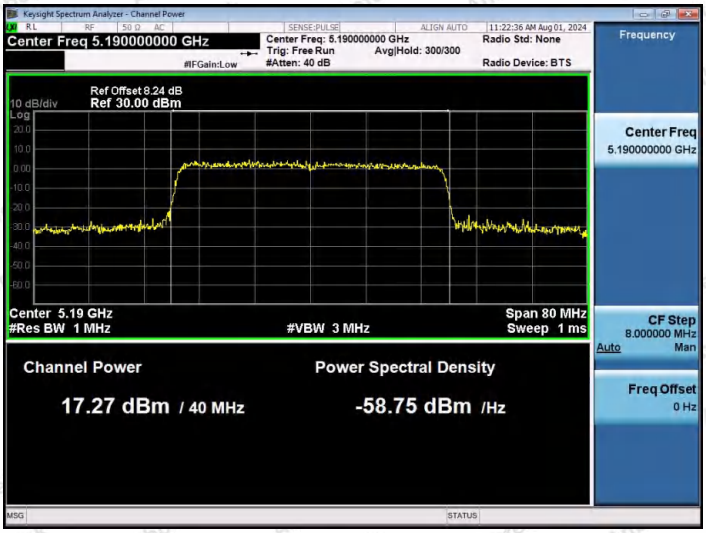


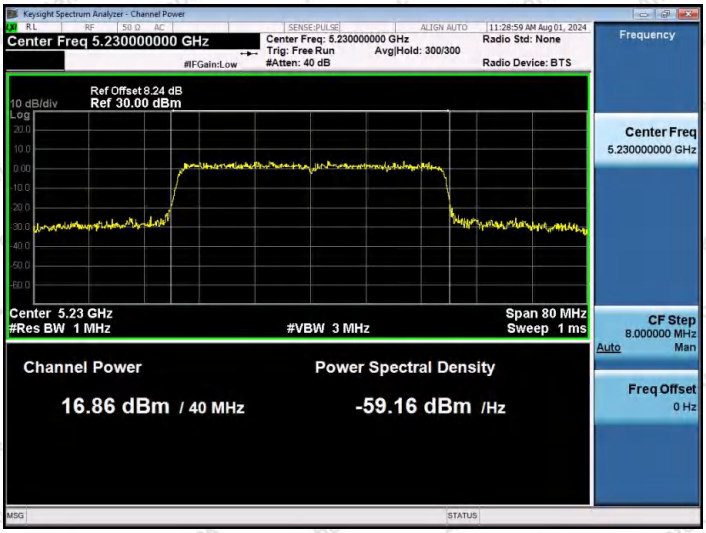
11AX20MIMO-Ant2-5825-PASS



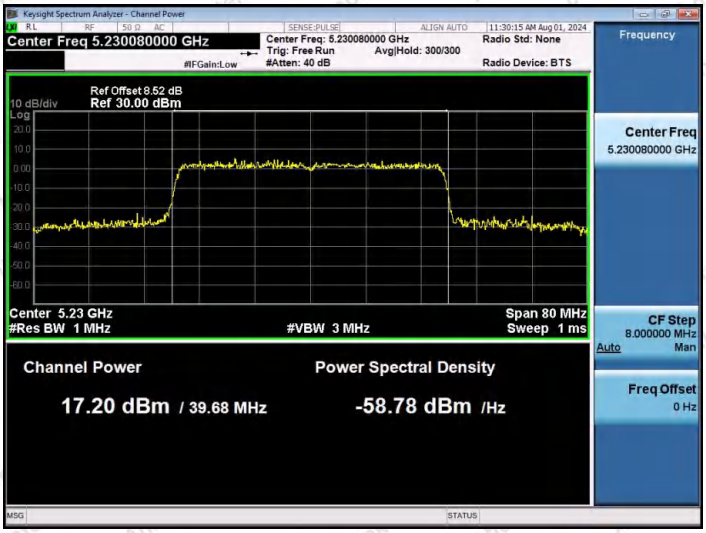
11AX40MIMO-Ant1-5190-PASS



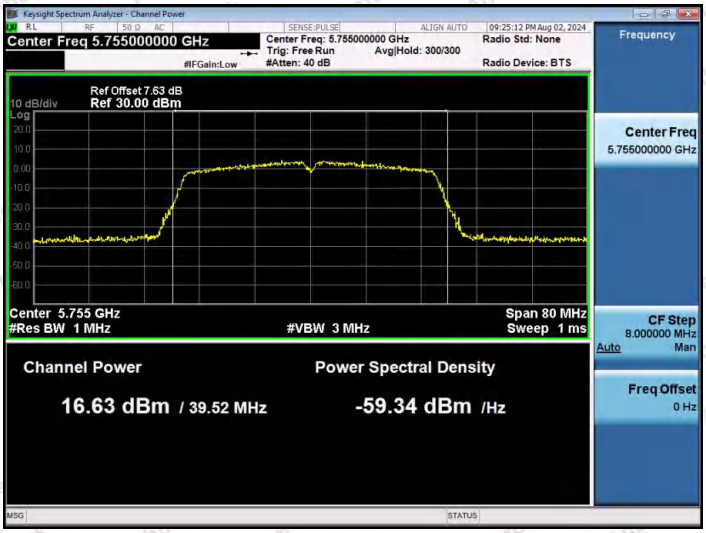
11AX40MIMO-Ant2-5190-PASS



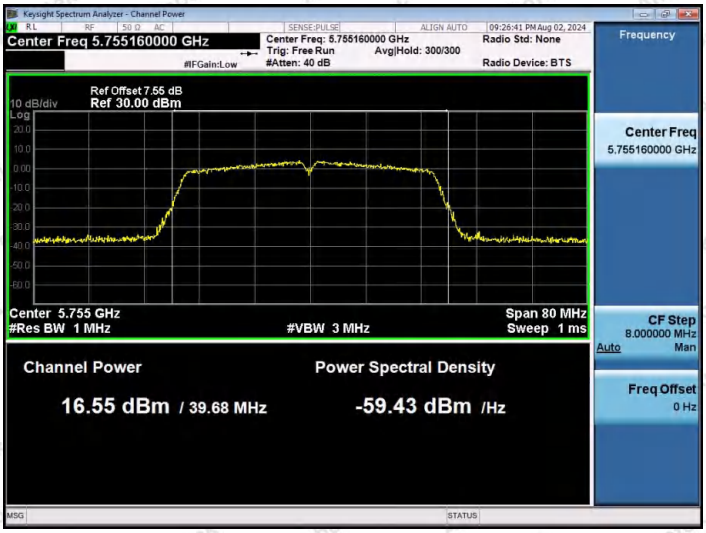
11AX40MIMO-Ant1-5230-PASS



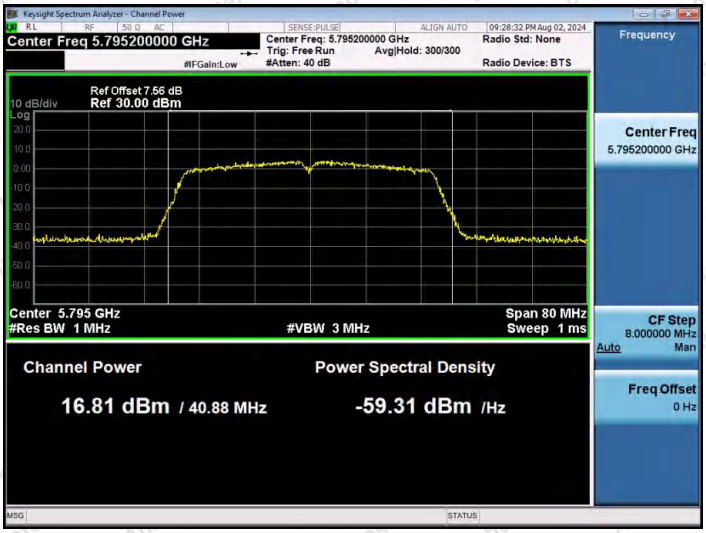
11AX40MIMO-Ant2-5230-PASS



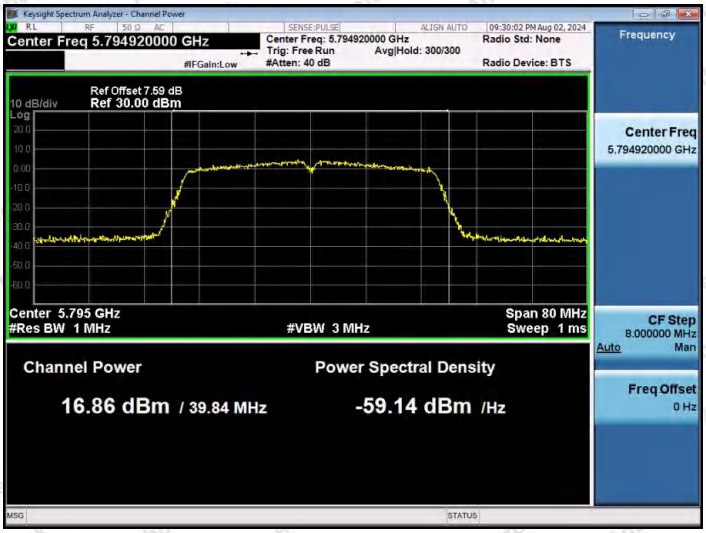
11AX40MIMO-Ant1-5755-PASS



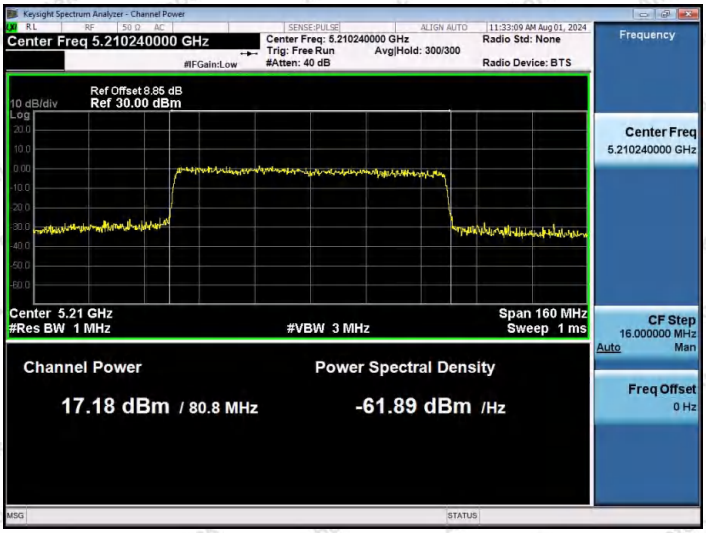
11AX40MIMO-Ant2-5755-PASS



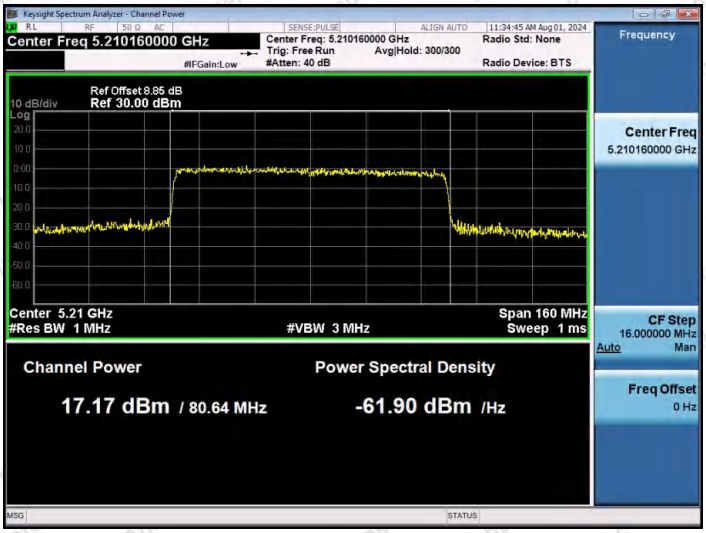
11AX40MIMO-Ant1-5795-PASS



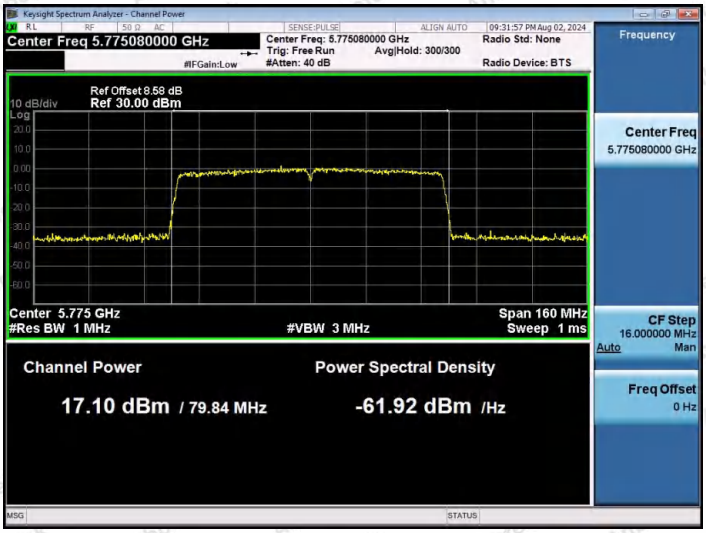
11AX40MIMO-Ant2-5795-PASS



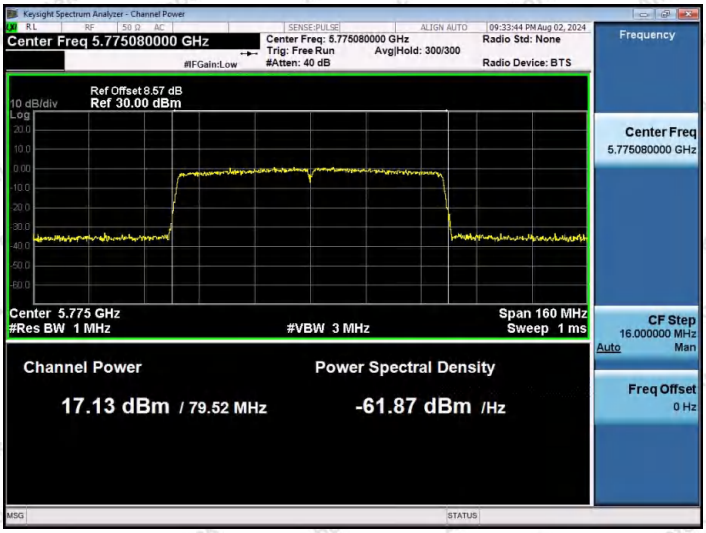
11AX80MIMO-Ant1-5210-PASS



11AX80MIMO-Ant2-5210-PASS



11AX80MIMO-Ant1-5775-PASS



11AX80MIMO-Ant2-5775-PASS

Appendix D: Maximum Power Spectral Density

Test Result 5.2G

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-0.07	≤11.00	PASS
11A	Ant2	5180	-2.67	≤11.00	PASS
11A	Ant1	5200	-0.16	≤11.00	PASS
11A	Ant2	5200	-2.73	≤11.00	PASS
11A	Ant1	5240	-3.31	≤11.00	PASS
11A	Ant2	5240	-0.45	≤11.00	PASS
11N20MIMO	Ant1	5180	0.43	≤11.00	PASS
11N20MIMO	Ant2	5180	0.68	≤11.00	PASS
11N20MIMO	total	5180	3.57	≤8.81	PASS
11N20MIMO	Ant1	5200	0.42	≤11.00	PASS
11N20MIMO	Ant2	5200	0.55	≤11.00	PASS
11N20MIMO	total	5200	3.50	≤8.81	PASS
11N20MIMO	Ant1	5240	-0.69	≤11.00	PASS
11N20MIMO	Ant2	5240	-0.61	≤11.00	PASS
11N20MIMO	total	5240	2.36	≤8.81	PASS
11N40MIMO	Ant1	5190	-5.72	≤11.00	PASS
11N40MIMO	Ant2	5190	-5.38	≤11.00	PASS
11N40MIMO	total	5190	-2.54	≤8.81	PASS
11N40MIMO	Ant1	5230	-5.61	≤11.00	PASS
11N40MIMO	Ant2	5230	-5.76	≤11.00	PASS
11N40MIMO	total	5230	-2.67	≤8.81	PASS
11AC20MIMO	Ant1	5180	-1.19	≤11.00	PASS
11AC20MIMO	Ant2	5180	-1.29	≤11.00	PASS
11AC20MIMO	total	5180	1.77	≤8.81	PASS
11AC20MIMO	Ant1	5200	-1.95	≤11.00	PASS
11AC20MIMO	Ant2	5200	-1.60	≤11.00	PASS
11AC20MIMO	total	5200	1.24	≤8.81	PASS
11AC20MIMO	Ant1	5240	-2.50	≤11.00	PASS
11AC20MIMO	Ant2	5240	-2.38	≤11.00	PASS
11AC20MIMO	total	5240	0.57	≤8.81	PASS
11AC40MIMO	Ant1	5190	-5.53	≤11.00	PASS
11AC40MIMO	Ant2	5190	-5.38	≤11.00	PASS
11AC40MIMO	total	5190	-2.44	≤8.81	PASS
11AC40MIMO	Ant1	5230	-5.95	≤11.00	PASS
11AC40MIMO	Ant2	5230	-5.48	≤11.00	PASS
11AC40MIMO	total	5230	-2.70	≤8.81	PASS
11AC80MIMO	Ant1	5210	-9.50	≤11.00	PASS

11AC80MIMO	Ant2	5210	-9.57	≤11.00	PASS
11AC80MIMO	total	5210	-6.52	≤8.81	PASS
11AX20MIMO	Ant1	5180	-2.59	≤11.00	PASS
11AX20MIMO	Ant2	5180	-2.04	≤11.00	PASS
11AX20MIMO	total	5180	0.70	≤8.81	PASS
11AX20MIMO	Ant1	5200	-2.78	≤11.00	PASS
11AX20MIMO	Ant2	5200	-2.89	≤11.00	PASS
11AX20MIMO	total	5200	0.18	≤8.81	PASS
11AX20MIMO	Ant1	5240	-3.48	≤11.00	PASS
11AX20MIMO	Ant2	5240	-3.14	≤11.00	PASS
11AX20MIMO	total	5240	-0.30	≤8.81	PASS
11AX40MIMO	Ant1	5190	-4.86	≤11.00	PASS
11AX40MIMO	Ant2	5190	-5.05	≤11.00	PASS
11AX40MIMO	total	5190	-1.94	≤8.81	PASS
11AX40MIMO	Ant1	5230	-5.73	≤11.00	PASS
11AX40MIMO	Ant2	5230	-5.23	≤11.00	PASS
11AX40MIMO	total	5230	-2.46	≤8.81	PASS
11AX80MIMO	Ant1	5210	-7.93	≤11.00	PASS
11AX80MIMO	Ant2	5210	-7.64	≤11.00	PASS
11AX80MIMO	total	5210	-4.77	≤8.81	PASS

Note：1.The Duty Cycle Factor and cable loss are compensated in the graph.

2.Total (dBm)=10xlog($10^{(ANT1\ power(dBm)/10)}$ + $10^{(ANT2\ power(dBm)/10)}$)

3.As Directional gain=10 log[($10^{G1/20}$ + $10^{G2/20}$) ^{2} /N_{ANT}] dBi,

so MIMO Limit (dBm/MHz)=$Limit_{B1/B2/B3}$-(Directional gain-6.00).

Test Result 5.8G

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-5.27	≤30.00	PASS
11A	Ant2	5745	-7.18	≤30.00	PASS
11A	Ant1	5785	-6.23	≤30.00	PASS
11A	Ant2	5785	-6.37	≤30.00	PASS
11A	Ant1	5825	-5.13	≤30.00	PASS
11A	Ant2	5825	-6.99	≤30.00	PASS
11N20MIMO	Ant1	5745	-7.19	≤30.00	PASS
11N20MIMO	Ant2	5745	-7.27	≤30.00	PASS
11N20MIMO	total	5745	-4.22	≤27.95	PASS
11N20MIMO	Ant1	5785	-3.02	≤30.00	PASS
11N20MIMO	Ant2	5785	-6.53	≤30.00	PASS
11N20MIMO	total	5785	-1.42	≤27.95	PASS
11N20MIMO	Ant1	5825	-4.96	≤30.00	PASS
11N20MIMO	Ant2	5825	-5.44	≤30.00	PASS

11N20MIMO	total	5825	-2.18	≤27.95	PASS
11N40MIMO	Ant1	5755	-10.80	≤30.00	PASS
11N40MIMO	Ant2	5755	-11.00	≤30.00	PASS
11N40MIMO	total	5755	-7.89	≤27.95	PASS
11N40MIMO	Ant1	5795	-10.43	≤30.00	PASS
11N40MIMO	Ant2	5795	-10.26	≤30.00	PASS
11N40MIMO	total	5795	-7.33	≤27.95	PASS
11AC20MIMO	Ant1	5745	-8.19	≤30.00	PASS
11AC20MIMO	Ant2	5745	-8.47	≤30.00	PASS
11AC20MIMO	total	5745	-5.32	≤27.95	PASS
11AC20MIMO	Ant1	5785	-7.66	≤30.00	PASS
11AC20MIMO	Ant2	5785	-7.38	≤30.00	PASS
11AC20MIMO	total	5785	-4.51	≤27.95	PASS
11AC20MIMO	Ant1	5825	-6.30	≤30.00	PASS
11AC20MIMO	Ant2	5825	-6.39	≤30.00	PASS
11AC20MIMO	total	5825	-3.33	≤27.95	PASS
11AC40MIMO	Ant1	5755	-10.46	≤30.00	PASS
11AC40MIMO	Ant2	5755	-10.75	≤30.00	PASS
11AC40MIMO	total	5755	-7.59	≤27.95	PASS
11AC40MIMO	Ant1	5795	-9.59	≤30.00	PASS
11AC40MIMO	Ant2	5795	-8.96	≤30.00	PASS
11AC40MIMO	total	5795	-6.25	≤27.95	PASS
11AC80MIMO	Ant1	5775	-12.10	≤30.00	PASS
11AC80MIMO	Ant2	5775	-12.30	≤30.00	PASS
11AC80MIMO	total	5775	-9.19	≤27.95	PASS
11AX20MIMO	Ant1	5745	-2.91	≤30.00	PASS
11AX20MIMO	Ant2	5745	-2.45	≤30.00	PASS
11AX20MIMO	total	5745	0.34	≤27.95	PASS
11AX20MIMO	Ant1	5785	-2.47	≤30.00	PASS
11AX20MIMO	Ant2	5785	-2.50	≤30.00	PASS
11AX20MIMO	total	5785	0.53	≤27.95	PASS
11AX20MIMO	Ant1	5825	-3.36	≤30.00	PASS
11AX20MIMO	Ant2	5825	-3.47	≤30.00	PASS
11AX20MIMO	total	5825	-0.40	≤27.95	PASS
11AX40MIMO	Ant1	5755	-6.85	≤30.00	PASS
11AX40MIMO	Ant2	5755	-5.87	≤30.00	PASS
11AX40MIMO	total	5755	-3.32	≤27.95	PASS
11AX40MIMO	Ant1	5795	-6.16	≤30.00	PASS
11AX40MIMO	Ant2	5795	-6.01	≤30.00	PASS
11AX40MIMO	total	5795	-3.07	≤27.95	PASS
11AX80MIMO	Ant1	5775	-10.61	≤30.00	PASS
11AX80MIMO	Ant2	5775	-10.78	≤30.00	PASS

11AX80MIMO	total	5775	-7.68	≤27.95	PASS

Note：1.The Duty Cycle Factor and cable loss are compensated in the graph.

2.Total (dBm)=10xlog($10^{(ANT1\ power(dBm)/10)}$ + $10^{(ANT2\ power(dBm)/10)}$)

3.As Directional gain=10 log[$(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}$] dBi,

so MIMO Limit (dBm/MHz)=$Limit_{B1/B2/B3}$-(Directional gain-6.00).

Test Graphs

11A-Ant1-5180-PASS

11A-Ant2-5180-PASS

11A-Ant1-5200-PASS

11A-Ant2-5200-PASS

11A-Ant1-5240-PASS

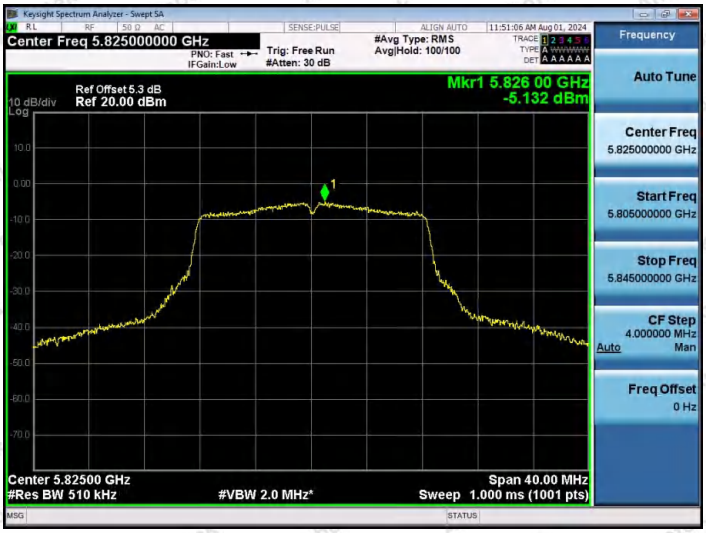
11A-Ant2-5240-PASS

11A-Ant1-5745-PASS

11A-Ant2-5745-PASS

11A-Ant1-5785-PASS

11A-Ant2-5785-PASS



11A-Ant1-5825-PASS

11A-Ant2-5825-PASS

11N20MIMO-Ant1-5180-PASS

11N20MIMO-Ant2-5180-PASS

11N20MIMO-Ant1-5200-PASS

11N20MIMO-Ant2-5200-PASS

11N20MIMO-Ant1-5240-PASS

11N20MIMO-Ant2-5240-PASS

11N20MIMO-Ant1-5745-PASS

11N20MIMO-Ant2-5745-PASS

11N20MIMO-Ant1-5785-PASS

11N20MIMO-Ant2-5785-PASS

11N20MIMO-Ant1-5825-PASS

11N20MIMO-Ant2-5825-PASS

11N40MIMO-Ant1-5190-PASS

11N40MIMO-Ant2-5190-PASS

11N40MIMO-Ant1-5230-PASS

11N40MIMO-Ant2-5230-PASS

11N40MIMO-Ant1-5755-PASS

11N40MIMO-Ant2-5755-PASS