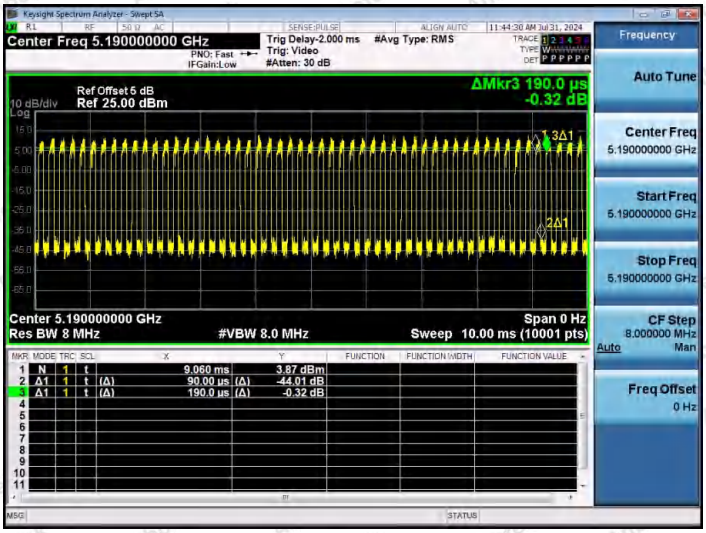
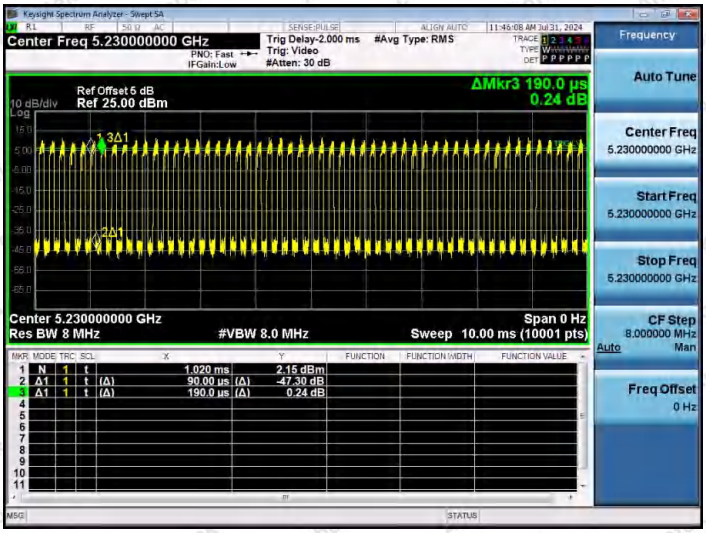


NTNV-11AX40MIMO-Ant2-5190



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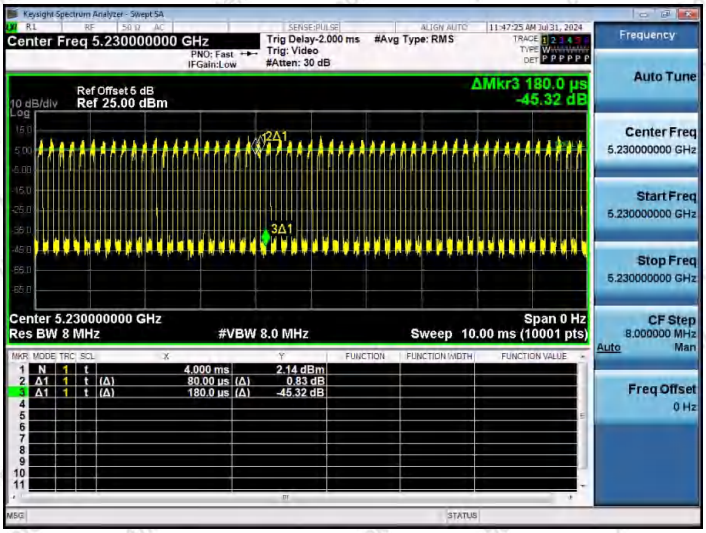

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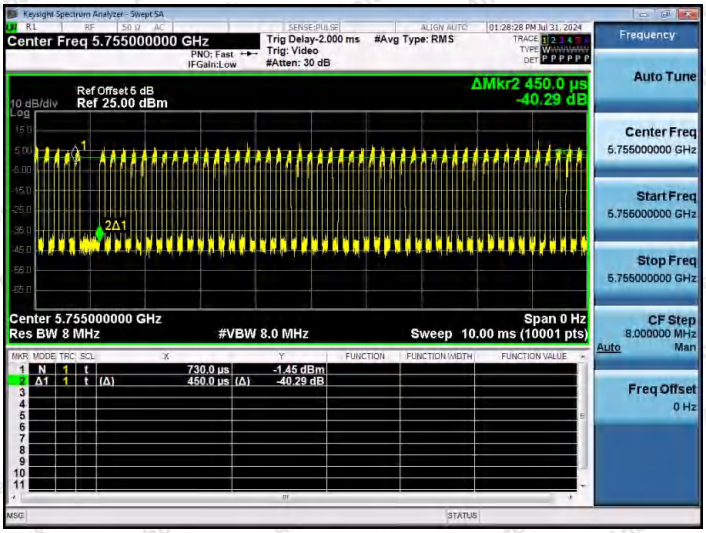

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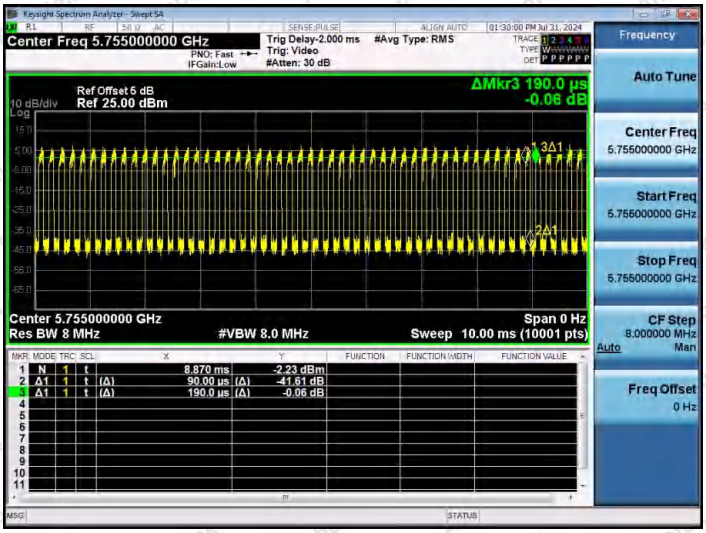

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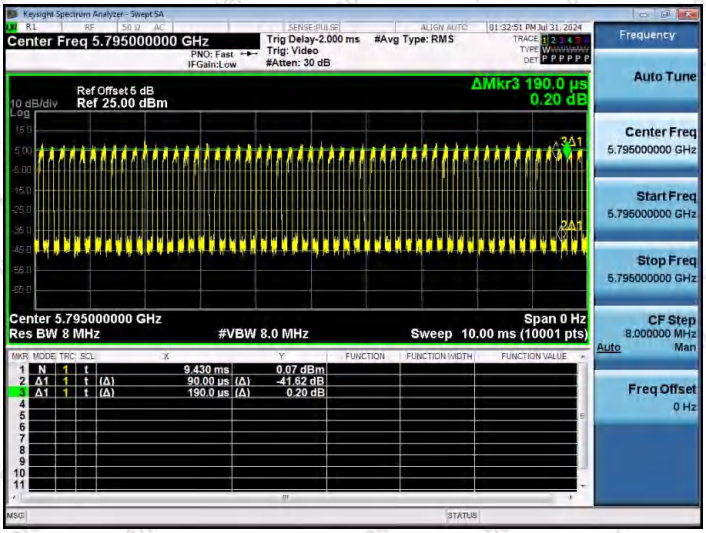

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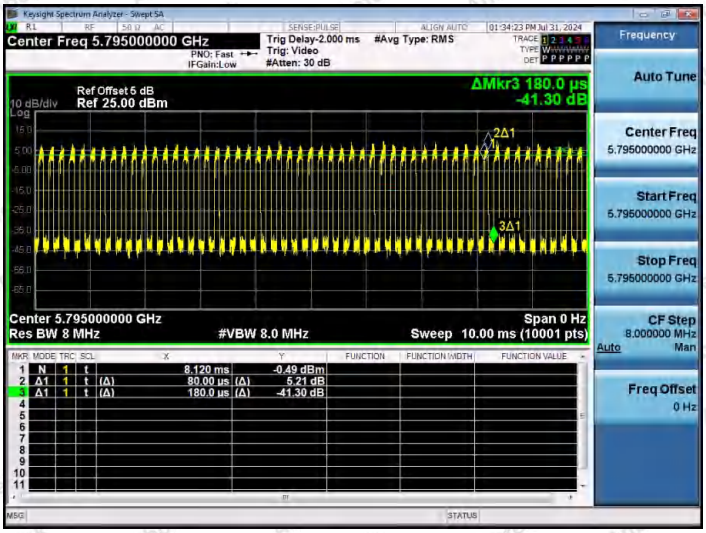

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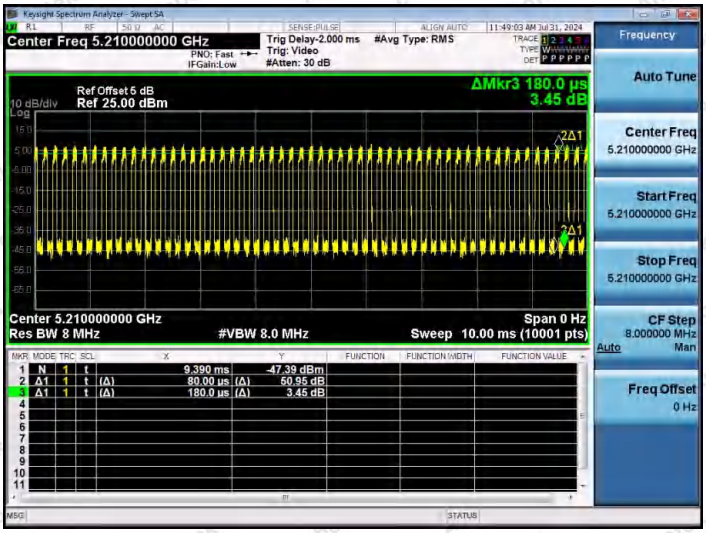

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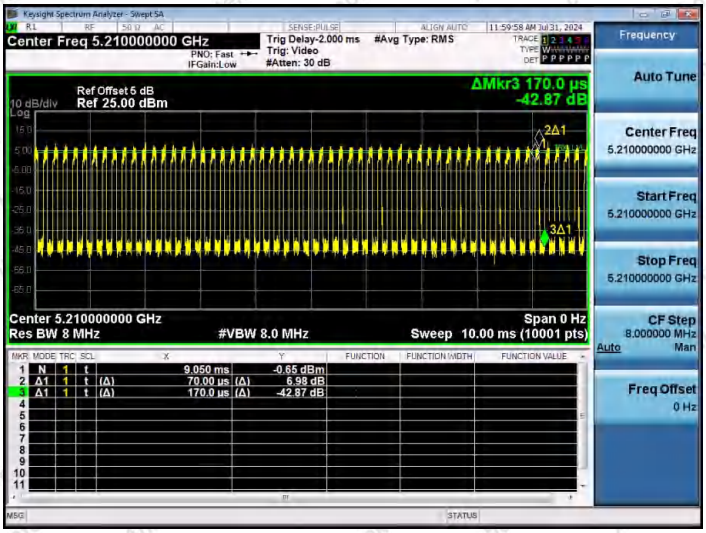

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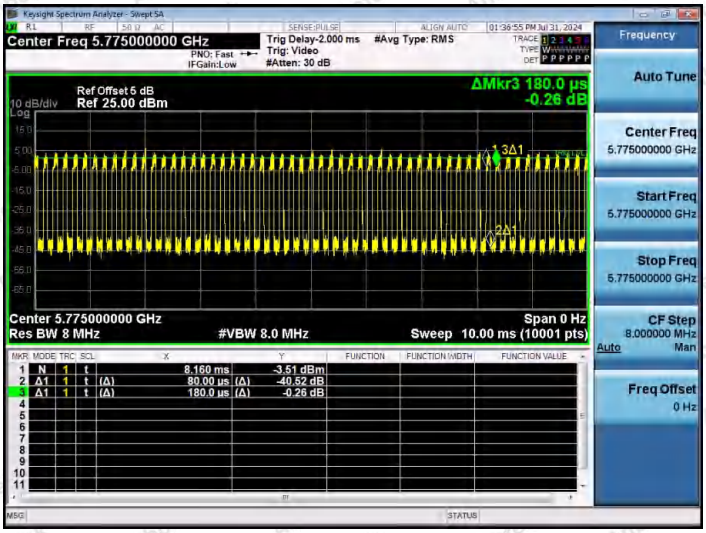
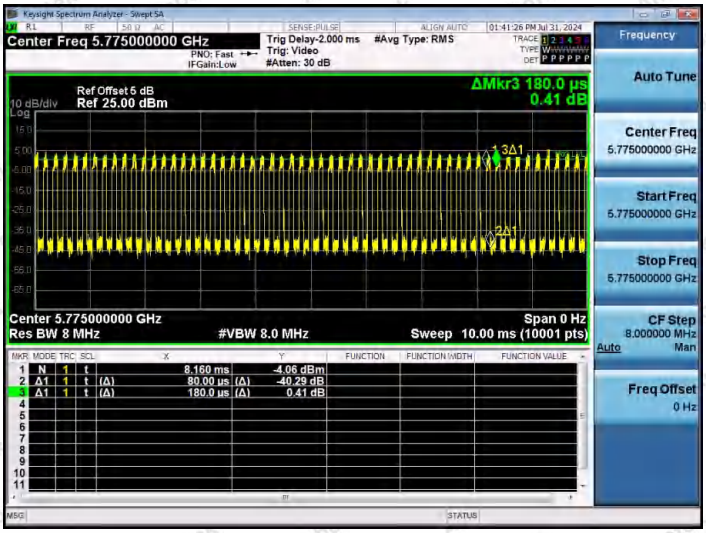


NTNV-11AX80MIMO-Ant1-5775



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	---	15.55	93.29	0.30	15.85	≤23.98	PASS
11A	Ant2	5180	---	10.98	93.33	0.30	11.28	≤23.98	PASS
11A	Ant1	5200	---	14.88	93.33	0.30	15.18	≤23.98	PASS
11A	Ant2	5200	---	10.95	93.29	0.30	11.25	≤23.98	PASS
11A	Ant1	5240	---	14.39	93.33	0.30	14.69	≤23.98	PASS
11A	Ant2	5240	---	10.74	93.96	0.27	11.01	≤23.98	PASS
11A	Ant1	5745	---	12.11	93.33	0.30	12.41	≤30.00	PASS
11A	Ant2	5745	---	11.90	93.29	0.30	12.20	≤30.00	PASS
11A	Ant1	5785	---	10.33	93.33	0.30	10.63	≤30.00	PASS
11A	Ant2	5785	---	10.64	93.33	0.30	10.94	≤30.00	PASS
11A	Ant1	5825	---	11.53	93.96	0.27	11.80	≤30.00	PASS
11A	Ant2	5825	---	9.92	93.33	0.30	10.22	≤30.00	PASS
11N20MIMO	Ant1	5180	---	15.21	92.91	0.32	15.53	≤23.98	PASS
11N20MIMO	Ant2	5180	---	15.20	92.91	0.32	15.52	≤23.98	PASS
11N20MIMO	total	5180	---	---	---	---	18.54	≤21.79	PASS
11N20MIMO	Ant1	5200	---	14.74	92.91	0.32	15.06	≤23.98	PASS
11N20MIMO	Ant2	5200	---	14.76	92.91	0.32	15.08	≤23.98	PASS
11N20MIMO	total	5200	---	---	---	---	18.08	≤21.79	PASS
11N20MIMO	Ant1	5240	---	14.31	92.86	0.32	14.63	≤23.98	PASS
11N20MIMO	Ant2	5240	---	14.33	92.86	0.32	14.65	≤23.98	PASS
11N20MIMO	total	5240	---	---	---	---	17.65	≤21.79	PASS
11N20MIMO	Ant1	5745	---	11.89	92.86	0.32	12.21	≤30.00	PASS
11N20MIMO	Ant2	5745	---	11.74	92.91	0.32	12.06	≤30.00	PASS

11N20MIMO	total	5745	---	---	---	---	15.15	≤27.95	PASS
11N20MIMO	Ant1	5785	---	12.04	93.57	0.29	12.33	≤30.00	PASS
11N20MIMO	Ant2	5785	---	11.93	92.91	0.32	12.25	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	---	15.30	≤27.95	PASS
11N20MIMO	Ant1	5825	---	12.61	92.91	0.32	12.93	≤30.00	PASS
11N20MIMO	Ant2	5825	---	12.49	92.91	0.32	12.81	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	---	15.88	≤27.95	PASS
11N40MIMO	Ant2	5190	---	15.59	90.38	0.44	16.03	≤23.98	PASS
11N40MIMO	Ant1	5190	---	13.41	90.48	0.43	13.84	≤23.98	PASS
11N40MIMO	total	5190	---	---	---	---	18.08	≤21.79	PASS
11N40MIMO	Ant1	5230	---	12.78	90.38	0.44	13.22	≤23.98	PASS
11N40MIMO	Ant2	5230	---	12.80	90.48	0.43	13.23	≤23.98	PASS
11N40MIMO	total	5230	---	---	---	---	16.24	≤21.79	PASS
11N40MIMO	Ant1	5755	---	11.56	90.38	0.44	12.00	≤30.00	PASS
11N40MIMO	Ant2	5755	---	11.64	90.38	0.44	12.08	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	---	15.05	≤27.95	PASS
11N40MIMO	Ant1	5795	---	11.43	90.38	0.44	11.87	≤30.00	PASS
11N40MIMO	Ant2	5795	---	11.51	90.38	0.44	11.95	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	---	14.92	≤27.95	PASS
11AC20MIMO	Ant1	5180	---	13.09	92.96	0.32	13.41	≤23.98	PASS
11AC20MIMO	Ant2	5180	---	13.06	92.96	0.32	13.38	≤23.98	PASS
11AC20M	total	5180	---	---	---	---	16.41	≤21.79	PASS

IMO									
11AC20M IMO	Ant1	5200	---	12.74	92.91	0.32	13.06	≤23.98	PASS
11AC20M IMO	Ant2	5200	---	12.77	92.96	0.32	13.09	≤23.98	PASS
11AC20M IMO	total	5200	---	---	---	---	16.09	≤21.79	PASS
11AC20M IMO	Ant1	5240	---	12.60	92.96	0.32	12.92	≤23.98	PASS
11AC20M IMO	Ant2	5240	---	12.53	92.96	0.32	12.85	≤23.98	PASS
11AC20M IMO	total	5240	---	---	---	---	15.90	≤21.79	PASS
11AC20M IMO	Ant1	5745	---	12.48	92.91	0.32	12.80	≤30.00	PASS
11AC20M IMO	Ant2	5745	---	12.51	60.00	2.22	14.73	≤30.00	PASS
11AC20M IMO	total	5745	---	---	---	---	16.88	≤27.95	PASS
11AC20M IMO	Ant1	5785	---	12.92	92.91	0.32	13.24	≤30.00	PASS
11AC20M IMO	Ant2	5785	---	12.74	92.91	0.32	13.06	≤30.00	PASS
11AC20M IMO	total	5785	---	---	---	---	16.16	≤27.95	PASS
11AC20M IMO	Ant1	5825	---	13.29	92.96	0.32	13.61	≤30.00	PASS
11AC20M IMO	Ant2	5825	---	13.26	92.96	0.32	13.58	≤30.00	PASS
11AC20M IMO	total	5825	---	---	---	---	16.61	≤27.95	PASS
11AC40M IMO	Ant1	5190	---	13.28	88.00	0.56	13.84	≤23.98	PASS
11AC40M IMO	Ant2	5190	---	13.32	86.84	0.61	13.93	≤23.98	PASS
11AC40M IMO	total	5190	---	---	---	---	16.90	≤21.79	PASS
11AC40M IMO	Ant1	5230	---	14.77	86.67	0.62	15.39	≤23.98	PASS
11AC40M IMO	Ant2	5230	---	14.68	86.67	0.62	15.30	≤23.98	PASS
11AC40M IMO	total	5230	---	---	---	---	18.36	≤21.79	PASS

11AC40M IMO	Ant1	5755	---	13.86	86.84	0.61	14.47	≤30.00	PASS
11AC40M IMO	Ant2	5755	---	13.90	86.67	0.62	14.52	≤30.00	PASS
11AC40M IMO	total	5755	---	---	---	---	17.51	≤27.95	PASS
11AC40M IMO	Ant1	5795	---	14.00	86.67	0.62	14.62	≤30.00	PASS
11AC40M IMO	Ant2	5795	---	14.68	86.67	0.62	15.30	≤30.00	PASS
11AC40M IMO	total	5795	---	---	---	---	17.98	≤27.95	PASS
11AC80M IMO	Ant1	5210	---	15.32	76.74	1.15	16.47	≤23.98	PASS
11AC80M IMO	Ant2	5210	---	15.07	76.19	1.18	16.25	≤23.98	PASS
11AC80M IMO	total	5210	---	---	---	---	19.37	≤21.79	PASS
11AC80M IMO	Ant1	5775	---	14.26	76.19	1.18	15.44	≤30.00	PASS
11AC80M IMO	Ant2	5775	---	14.01	76.19	1.18	15.19	≤30.00	PASS
11AC80M IMO	total	5775	---	---	---	---	18.33	≤27.95	PASS
11AX20M IMO	Ant1	5180	---	15.11	54.55	2.63	17.74	≤23.98	PASS
11AX20M IMO	Ant2	5180	---	15.36	54.55	2.63	17.99	≤23.98	PASS
11AX20M IMO	total	5180	---	---	---	---	20.88	≤21.79	PASS
11AX20M IMO	Ant1	5200	---	14.92	54.55	2.63	17.55	≤23.98	PASS
11AX20M IMO	Ant2	5200	---	15.02	54.55	2.63	17.65	≤23.98	PASS
11AX20M IMO	total	5200	---	---	---	---	20.61	≤21.79	PASS
11AX20M IMO	Ant1	5240	---	14.46	54.55	2.63	17.09	≤23.98	PASS
11AX20M IMO	Ant2	5240	---	14.42	54.55	2.63	17.05	≤23.98	PASS
11AX20M IMO	total	5240	---	---	---	---	20.08	≤21.79	PASS
11AX20M	Ant1	5745	---	9.74	54.55	2.63	12.37	≤30.00	PASS

IMO									
11AX20M IMO	Ant2	5745	---	9.79	54.55	2.63	12.42	≤30.00	PASS
11AX20M IMO	total	5745	---	---	---	---	15.41	≤27.95	PASS
11AX20M IMO	Ant1	5785	---	10.79	54.55	2.63	13.42	≤30.00	PASS
11AX20M IMO	Ant2	5785	---	10.71	54.55	2.63	13.34	≤30.00	PASS
11AX20M IMO	total	5785	---	---	---	---	16.39	≤27.95	PASS
11AX20M IMO	Ant1	5825	---	12.11	54.55	2.63	14.74	≤30.00	PASS
11AX20M IMO	Ant2	5825	---	12.05	54.55	2.63	14.68	≤30.00	PASS
11AX20M IMO	total	5825	---	---	---	---	17.72	≤27.95	PASS
11AX40M IMO	Ant1	5190	---	15.40	47.37	3.24	18.64	≤23.98	PASS
11AX40M IMO	Ant2	5190	---	15.41	47.37	3.24	18.65	≤23.98	PASS
11AX40M IMO	total	5190	---	---	---	---	21.66	≤21.79	PASS
11AX40M IMO	Ant1	5230	---	14.61	47.37	3.24	17.85	≤23.98	PASS
11AX40M IMO	Ant2	5230	---	14.62	44.44	3.52	18.14	≤23.98	PASS
11AX40M IMO	total	5230	---	---	---	---	21.01	≤21.79	PASS
11AX40M IMO	Ant1	5755	---	10.73	20.00	6.99	17.72	≤30.00	PASS
11AX40M IMO	Ant2	5755	---	10.71	47.37	3.24	13.95	≤30.00	PASS
11AX40M IMO	total	5755	---	---	---	---	19.24	≤27.95	PASS
11AX40M IMO	Ant1	5795	---	11.65	47.37	3.24	14.89	≤30.00	PASS
11AX40M IMO	Ant2	5795	---	11.65	44.44	3.52	15.17	≤30.00	PASS
11AX40M IMO	total	5795	---	---	---	---	18.04	≤27.95	PASS
11AX80M IMO	Ant1	5210	---	14.44	44.44	3.52	17.96	≤23.98	PASS

11AX80M IMO	Ant2	5210	---	14.40	41.18	3.85	18.25	≤23.98	PASS
11AX80M IMO	total	5210	---	---	---	---	21.12	≤21.79	PASS
11AX80M IMO	Ant1	5775	---	10.75	44.44	3.52	14.27	≤30.00	PASS
11AX80M IMO	Ant2	5775	---	10.76	44.44	3.52	14.28	≤30.00	PASS
11AX80M IMO	total	5775	---	---	---	---	17.29	≤27.95	PASS

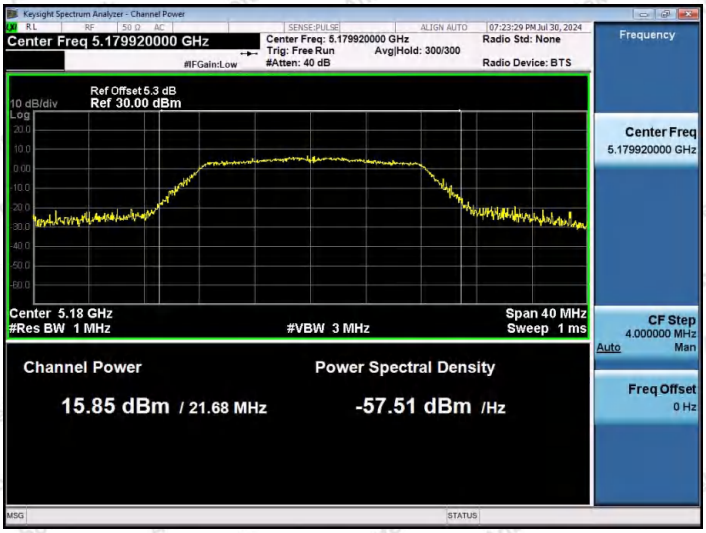
Note：1.The Duty Cycle Factor and cable loss are compensated in the graph.

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

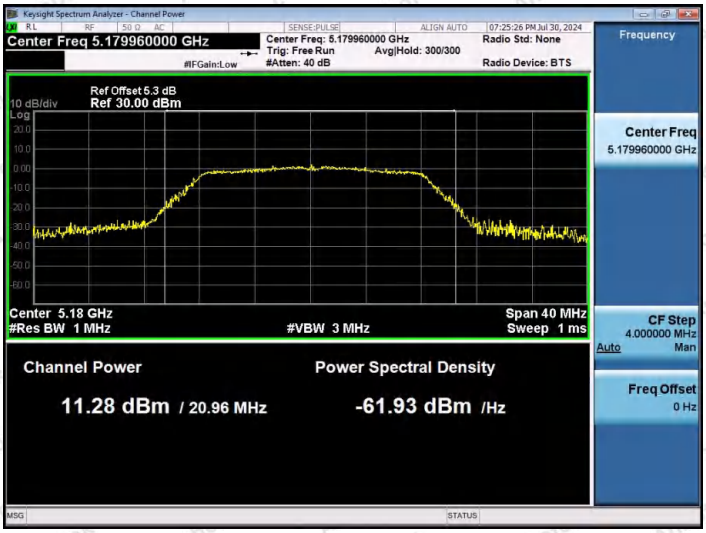
3.As Directional gain=10 log[($10^{G1/20}$ + $10^{G2/20}$) ^{2} /N_{ANT}] dBi,

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

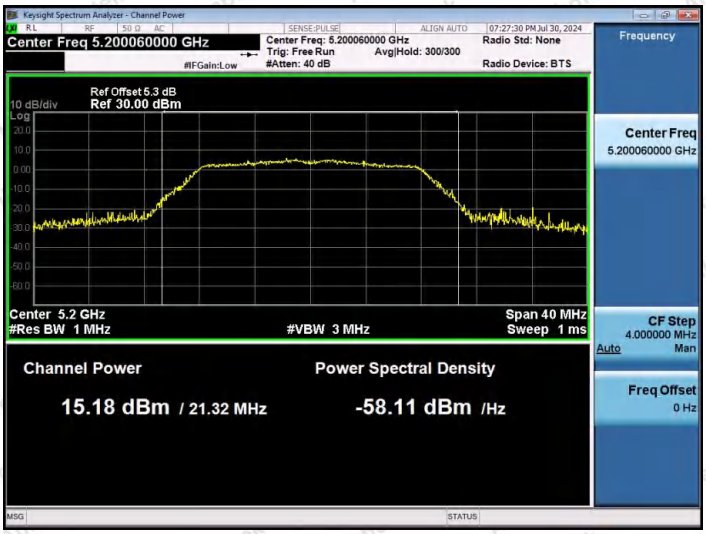
Test Graphs Channel Power



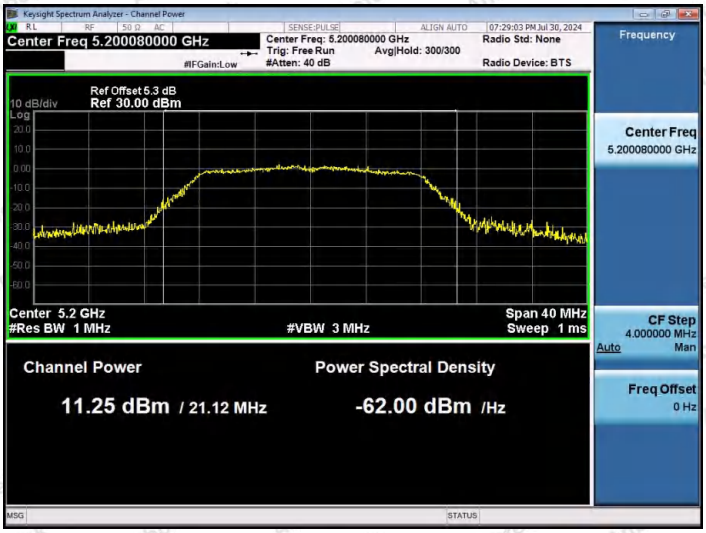
11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



11A-Ant1-5200-PASS



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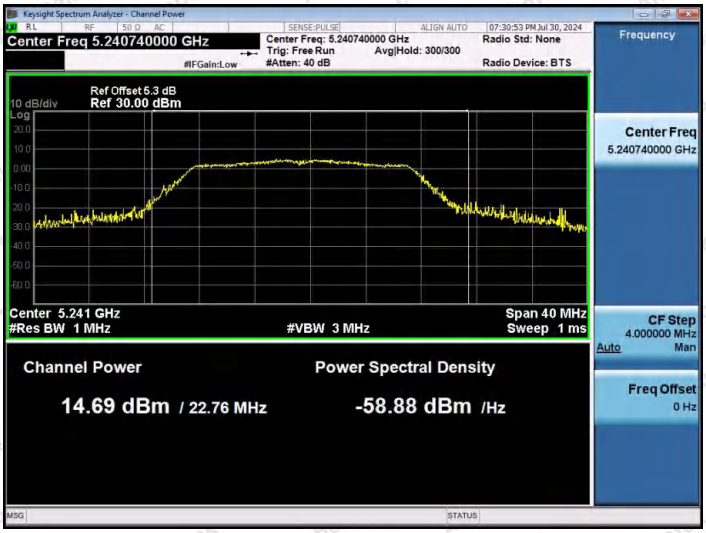
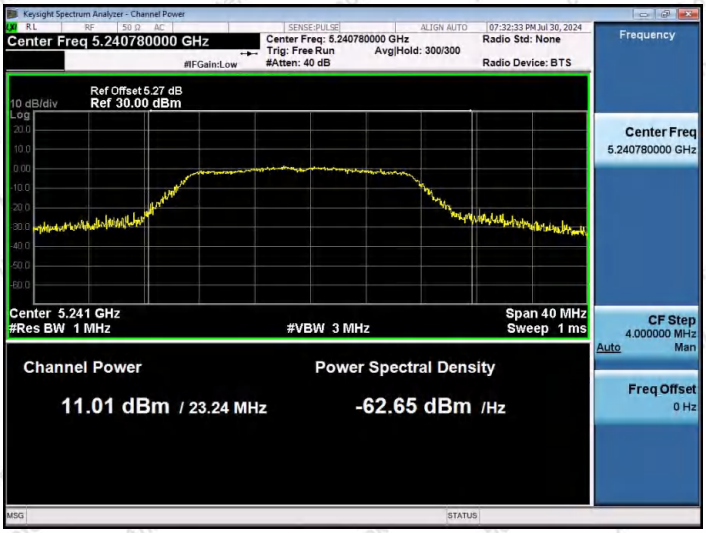
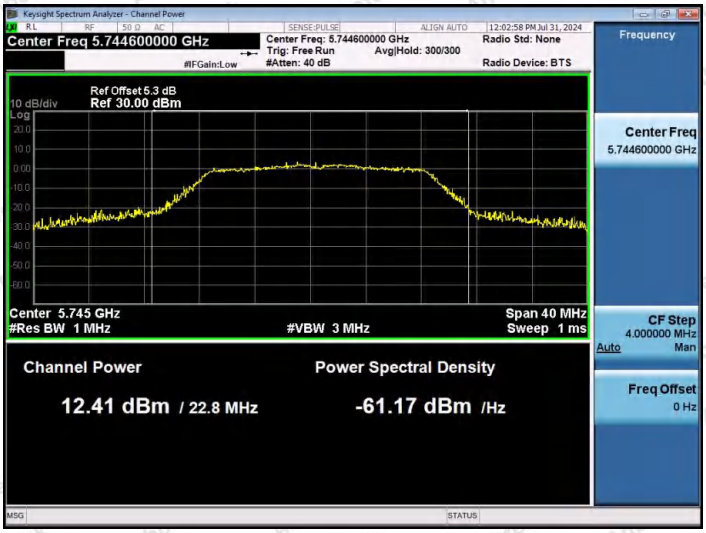


11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



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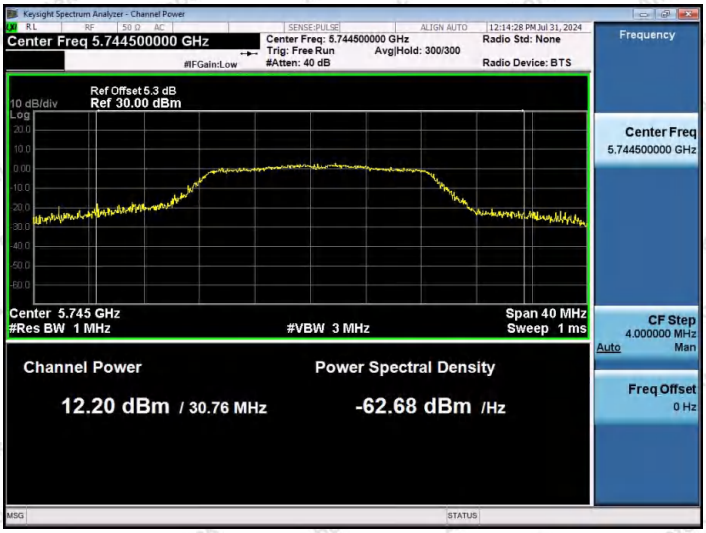
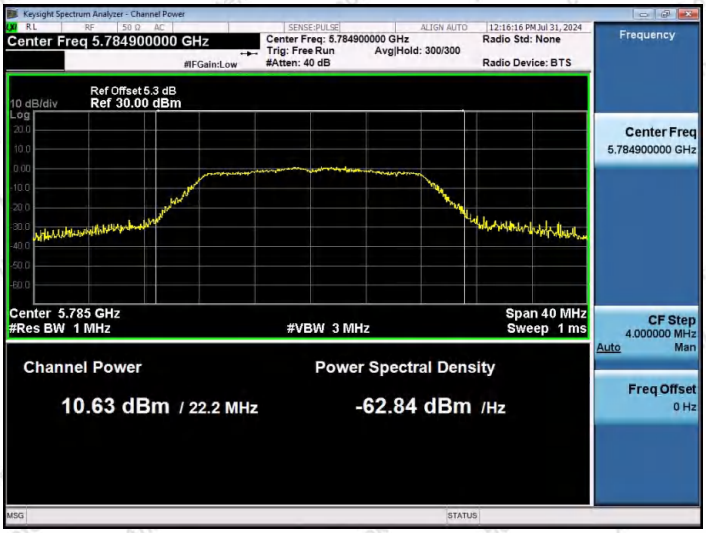
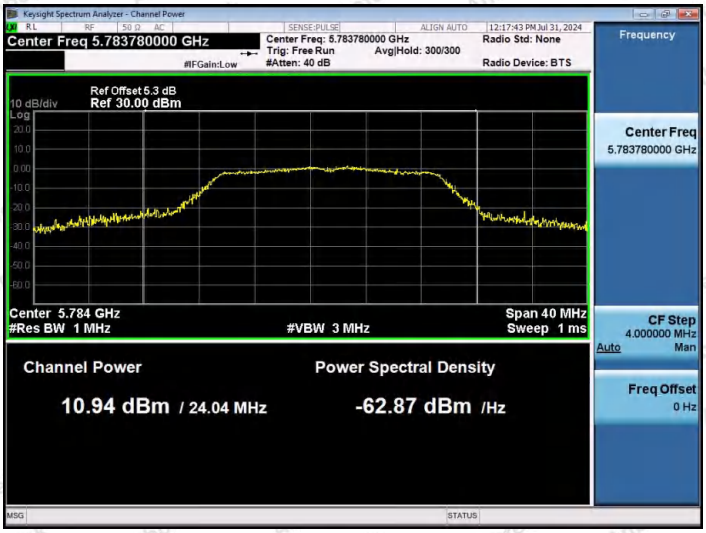


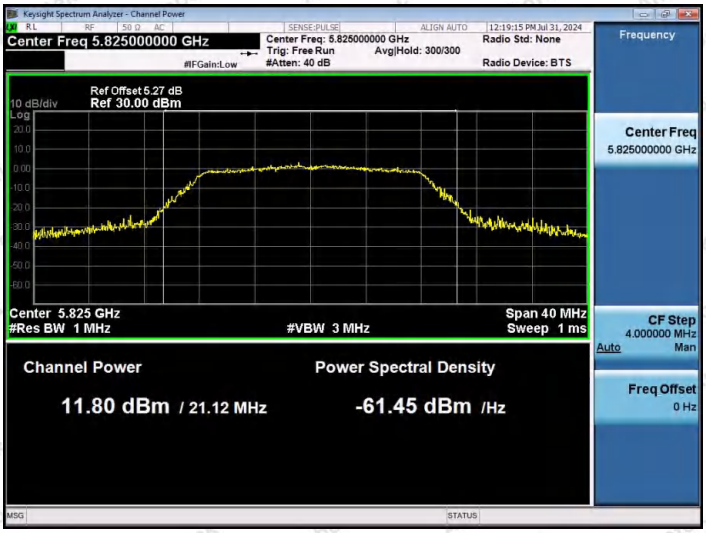
11A-Ant2-5745-PASS



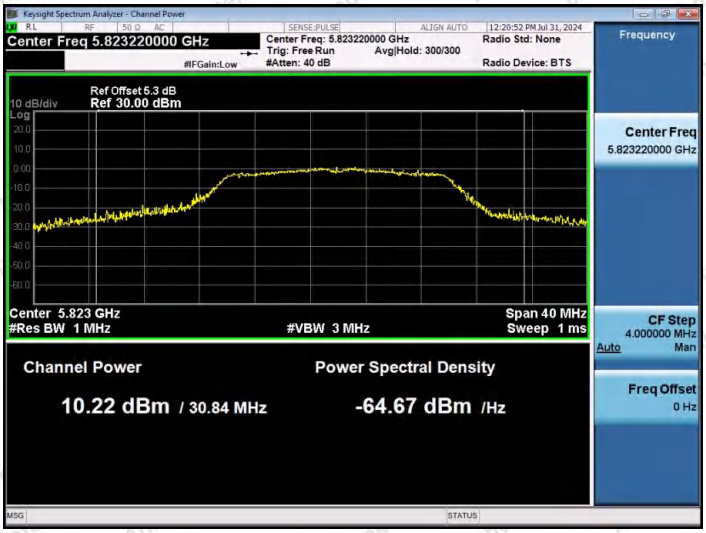
11A-Ant1-5785-PASS



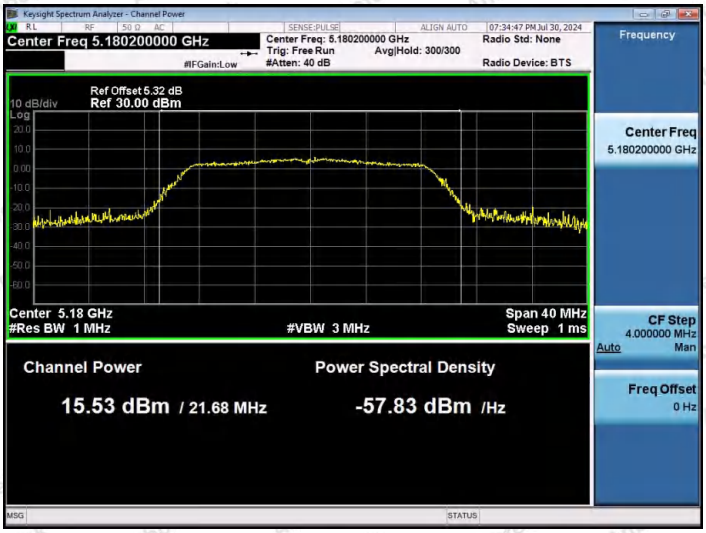
11A-Ant2-5785-PASS



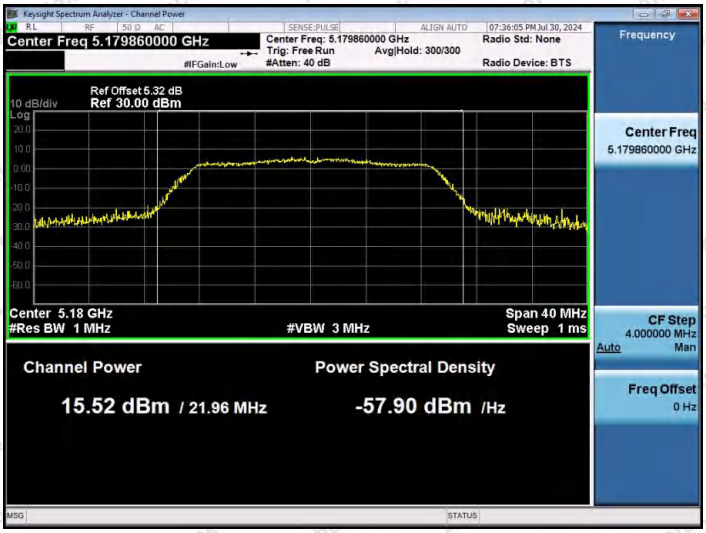
11A-Ant1-5825-PASS



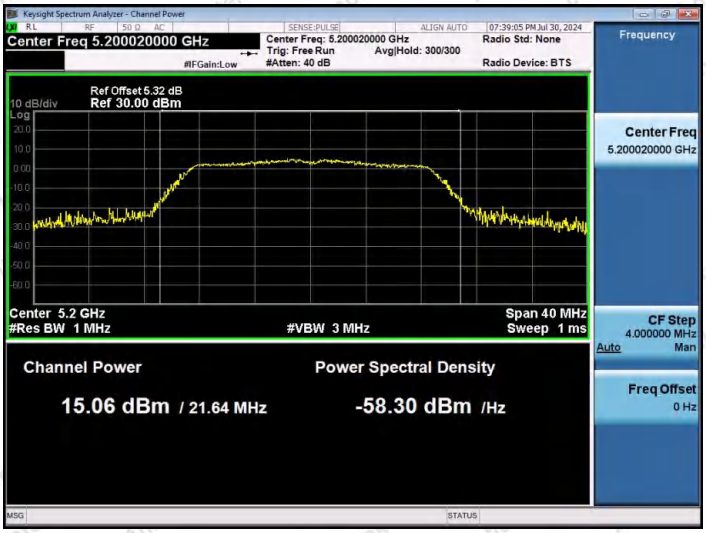
11A-Ant2-5825-PASS



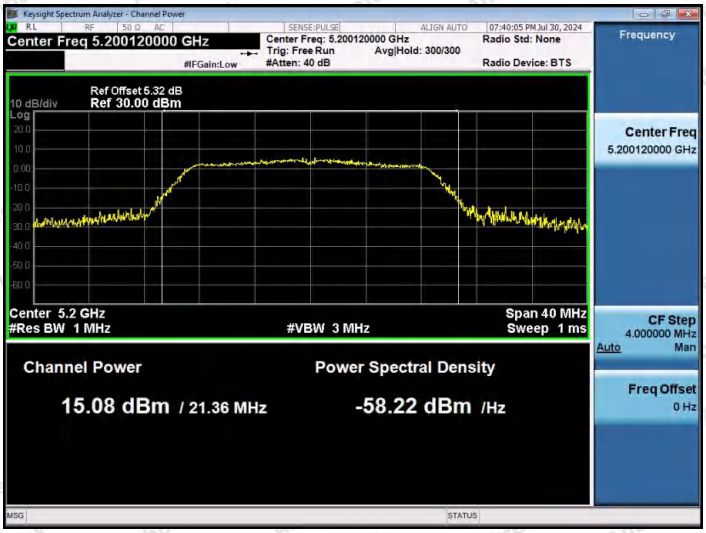
11N20MIMO-Ant1-5180-PASS



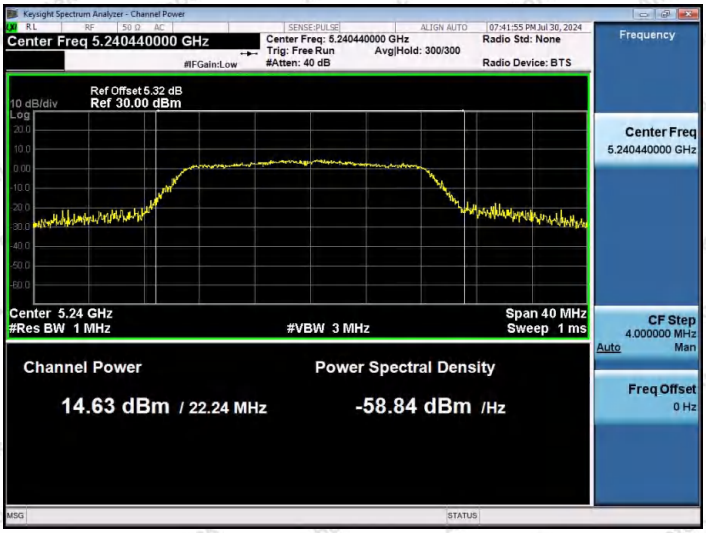
11N20MIMO-Ant2-5180-PASS



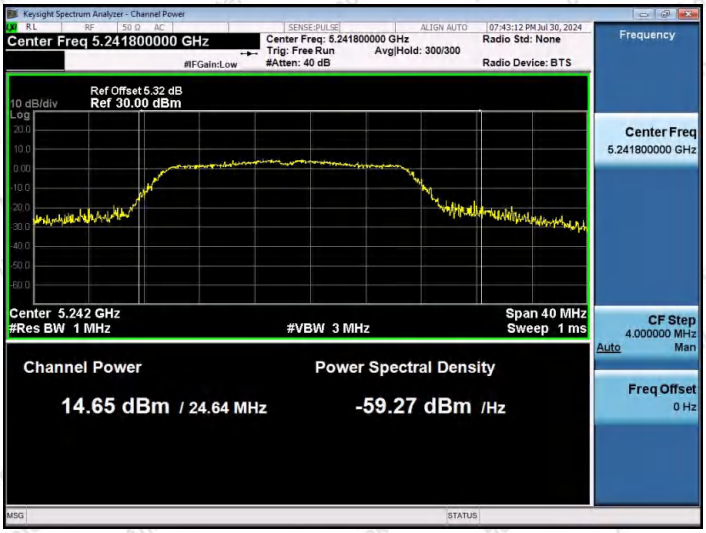
11N20MIMO-Ant1-5200-PASS



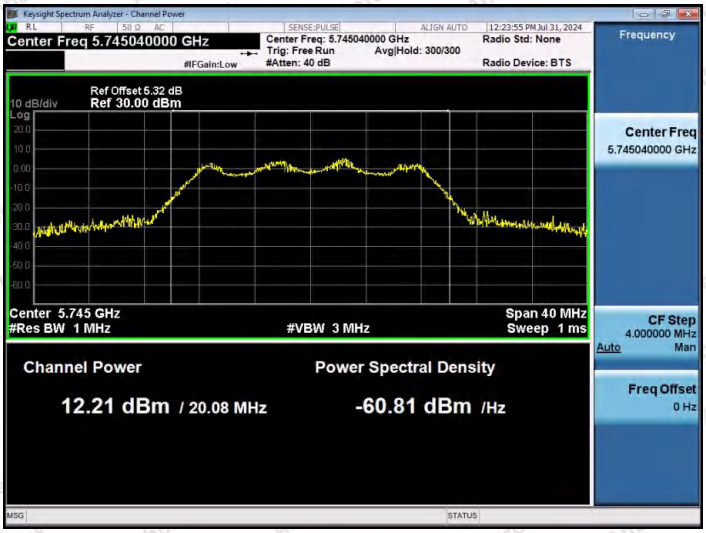
11N20MIMO-Ant2-5200-PASS



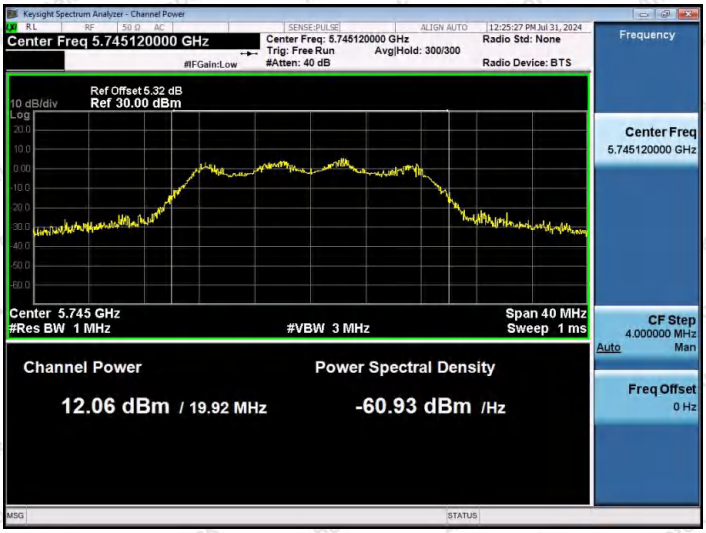
11N20MIMO-Ant1-5240-PASS



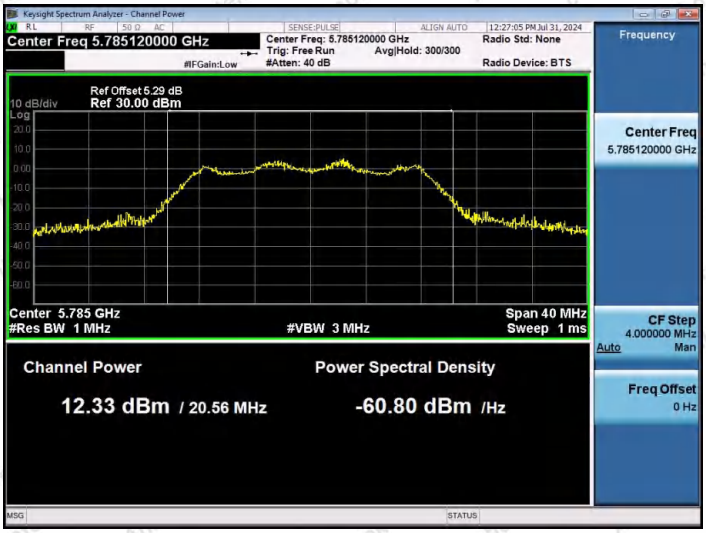
11N20MIMO-Ant2-5240-PASS



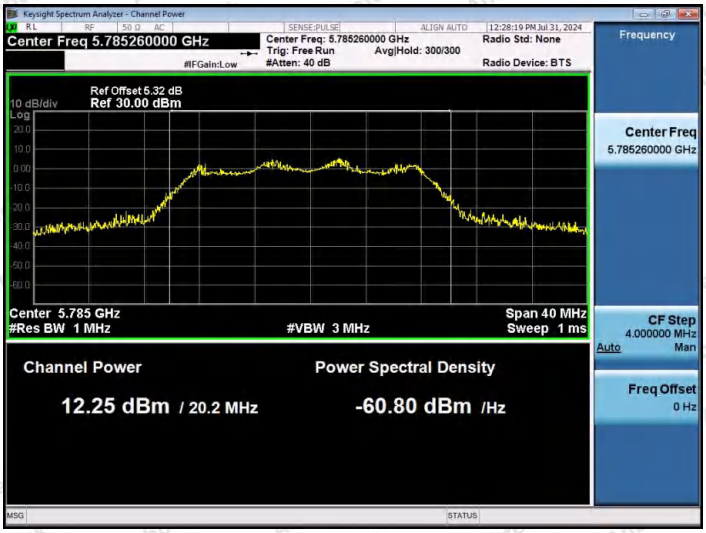
11N20MIMO-Ant1-5745-PASS



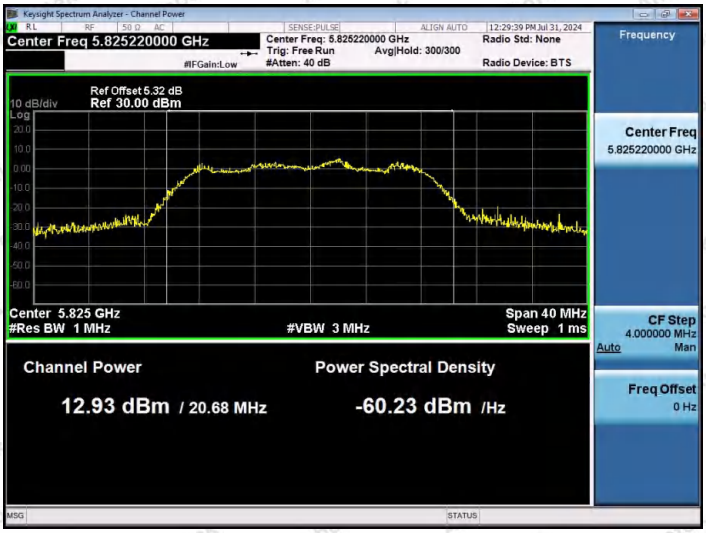
11N20MIMO-Ant2-5745-PASS



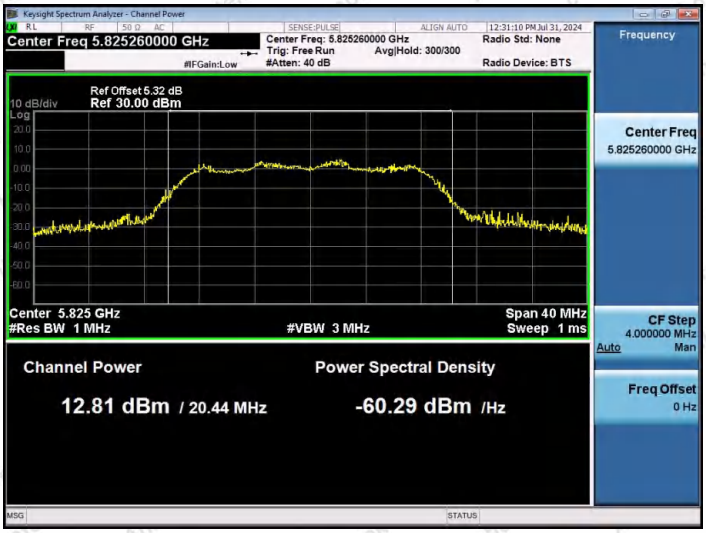
11N20MIMO-Ant1-5785-PASS



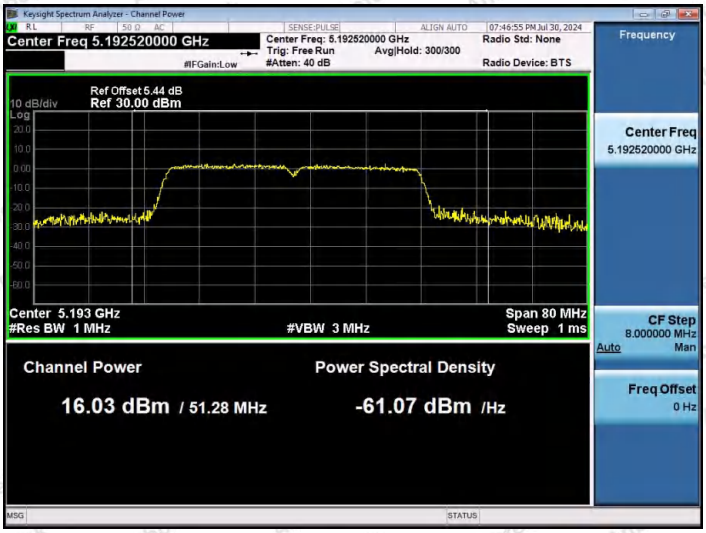
11N20MIMO-Ant2-5785-PASS



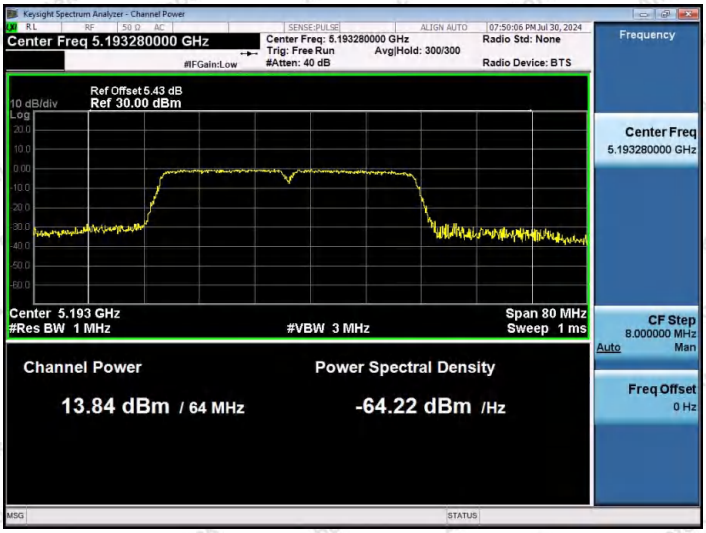
11N20MIMO-Ant1-5825-PASS



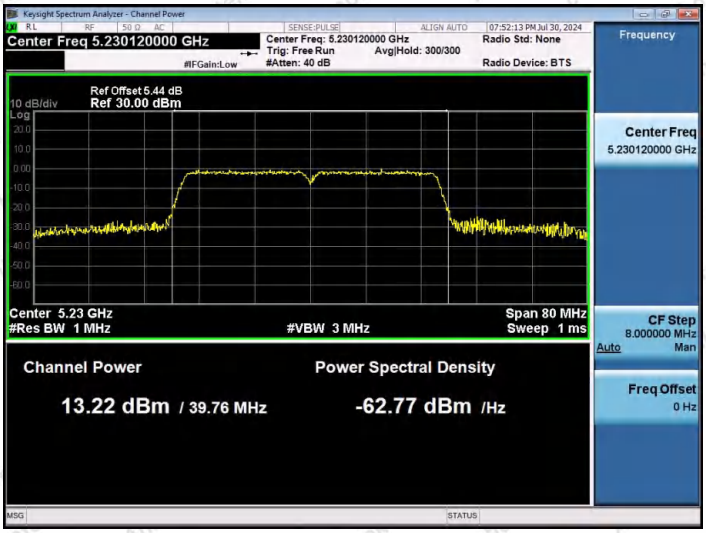
11N20MIMO-Ant2-5825-PASS



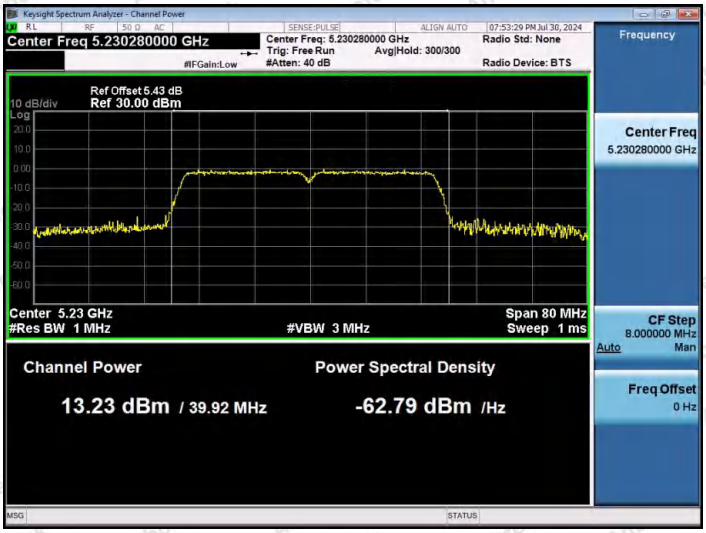
11N40MIMO-Ant2-5190-PASS



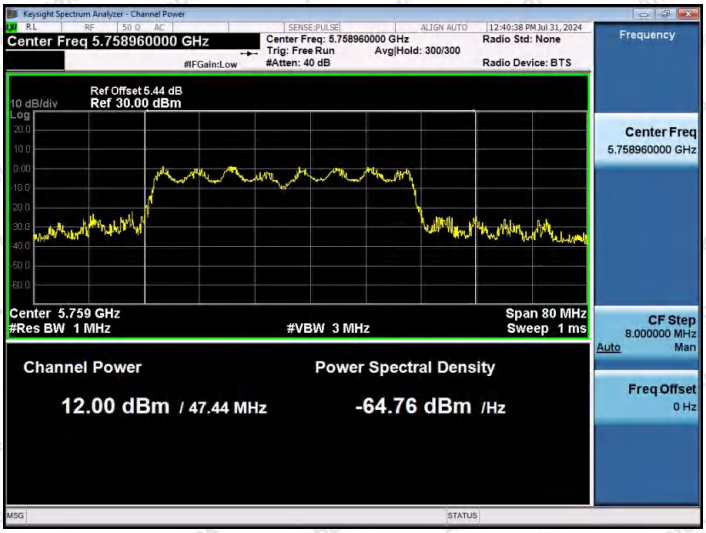
11N40MIMO-Ant1-5190-PASS



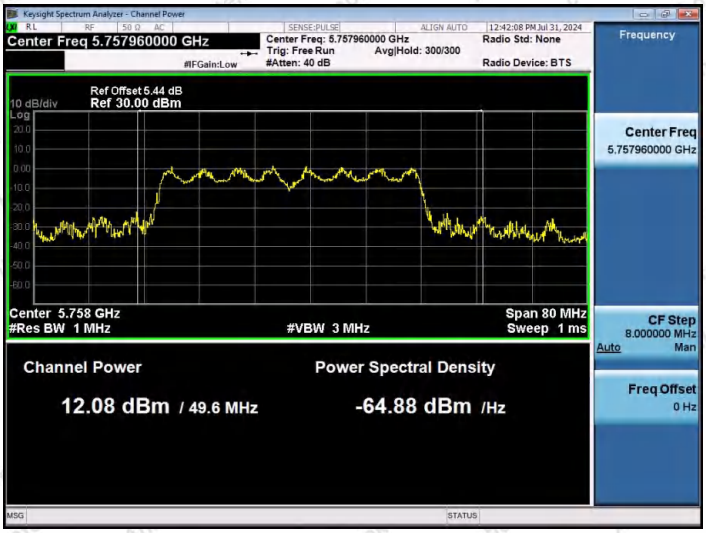
11N40MIMO-Ant1-5230-PASS



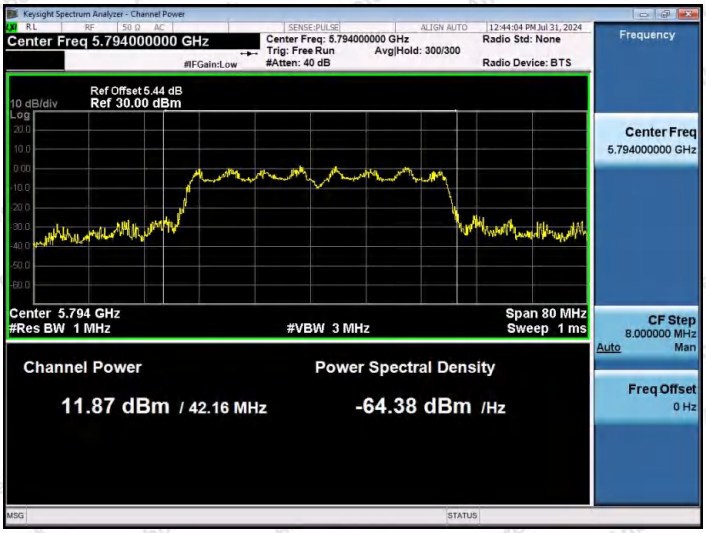
11N40MIMO-Ant2-5230-PASS



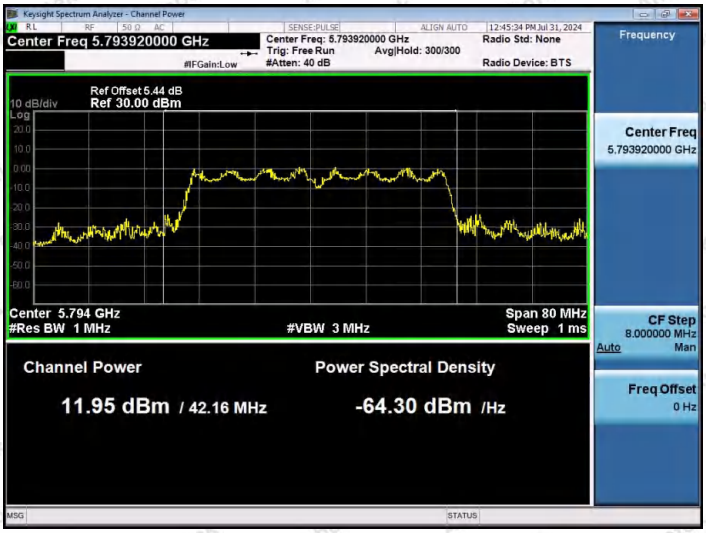
11N40MIMO-Ant1-5755-PASS



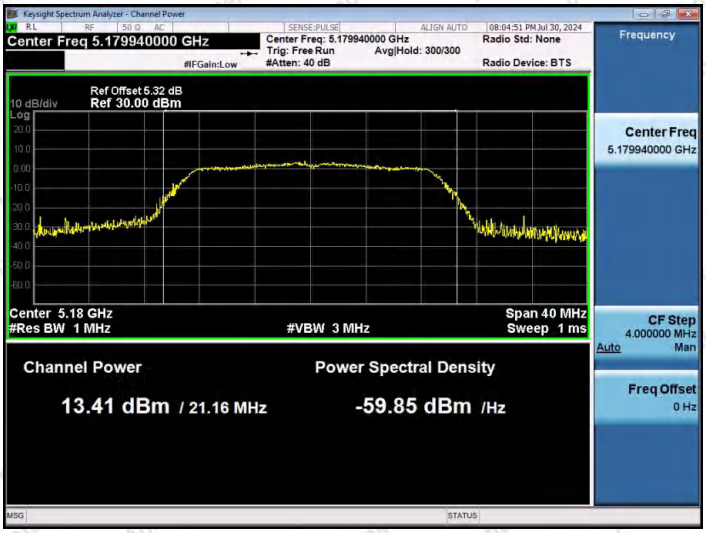
11N40MIMO-Ant2-5755-PASS



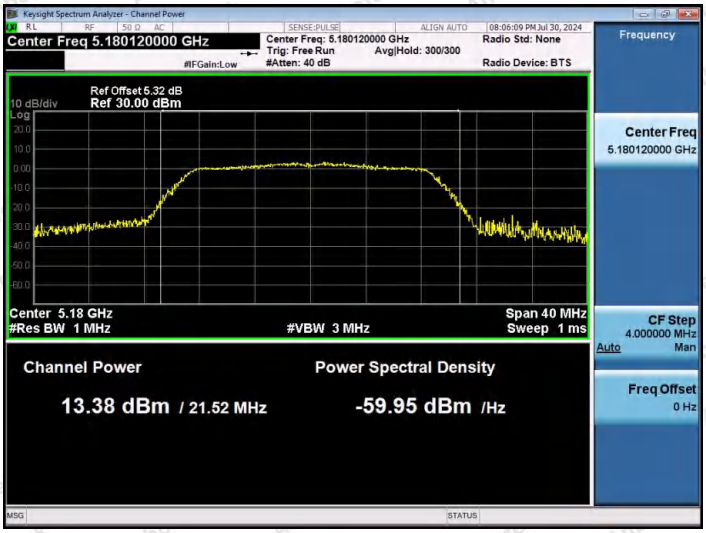
11N40MIMO-Ant1-5795-PASS



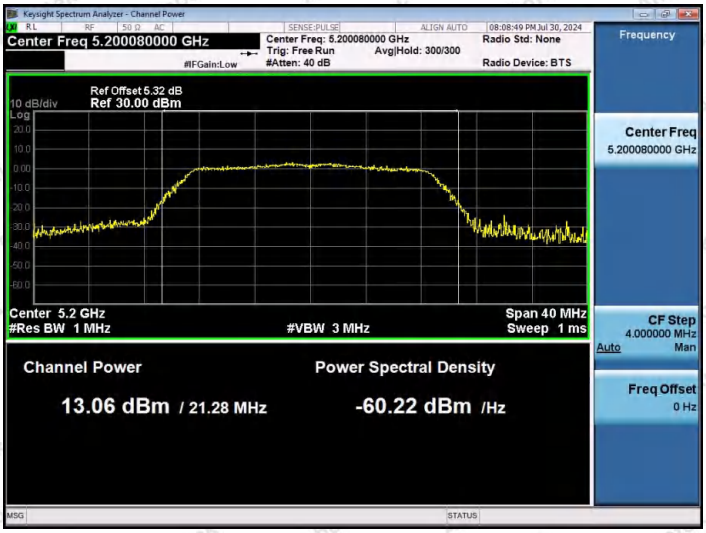
11N40MIMO-Ant2-5795-PASS



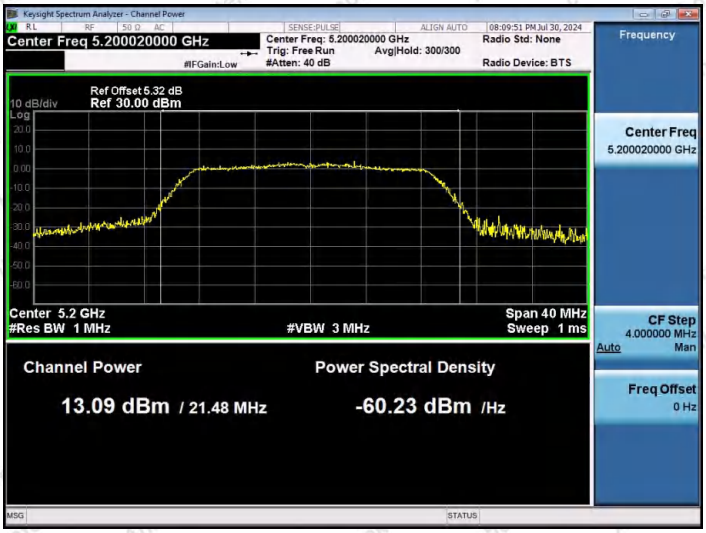
11AC20MIMO-Ant1-5180-PASS



11AC20MIMO-Ant2-5180-PASS



11AC20MIMO-Ant1-5200-PASS



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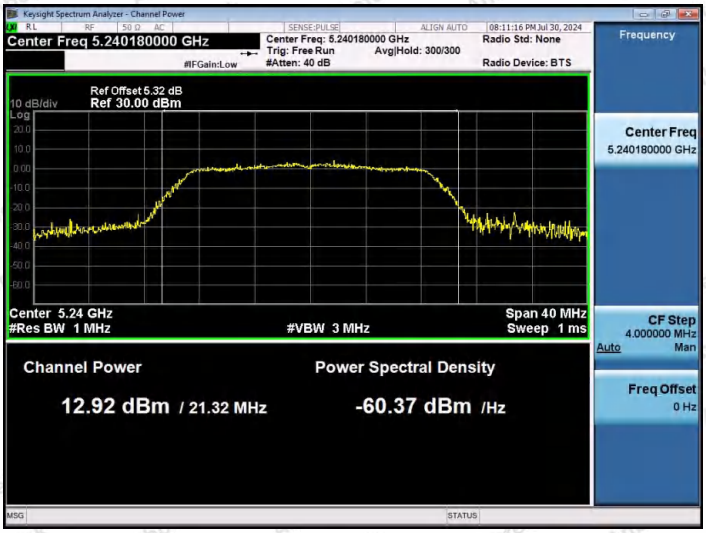
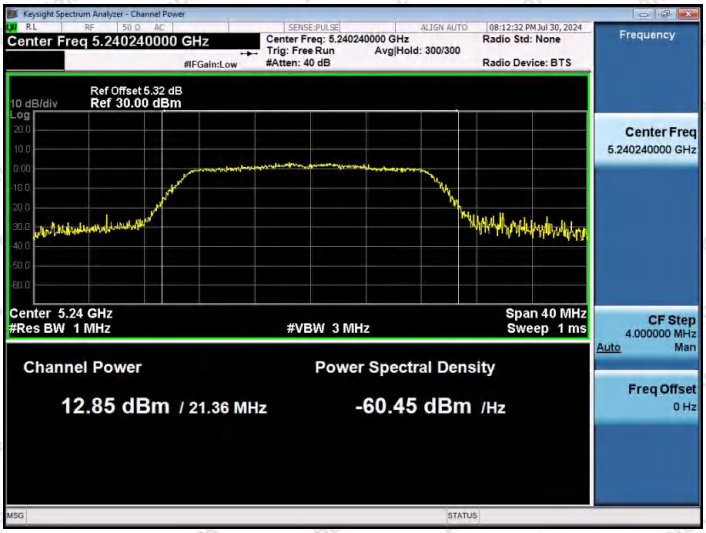
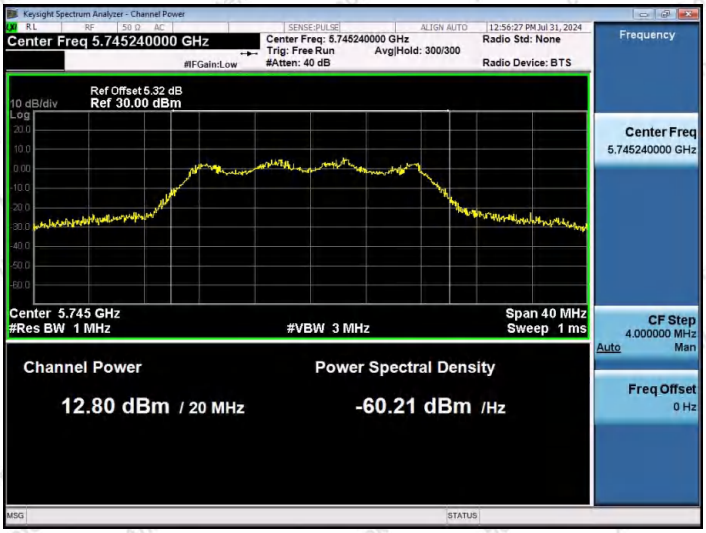


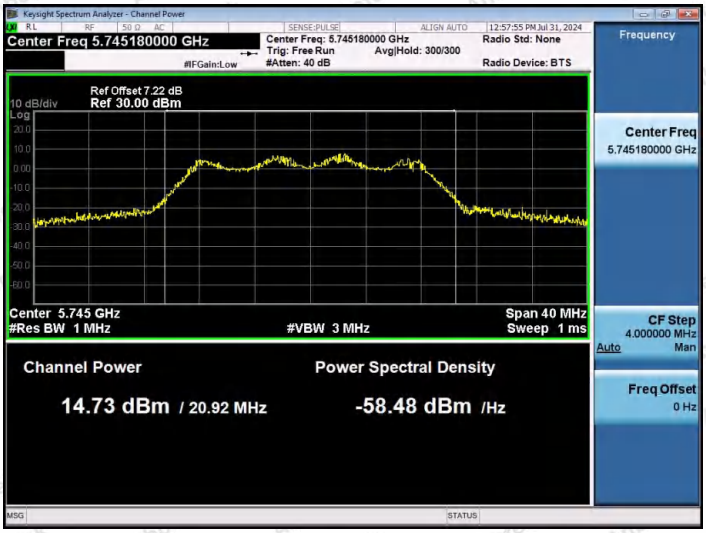
11AC20MIMO-Ant1-5240-PASS



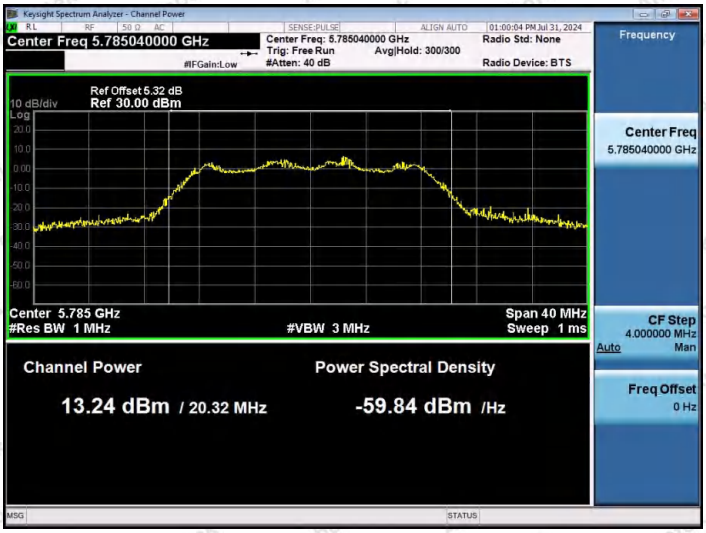
11AC20MIMO-Ant2-5240-PASS



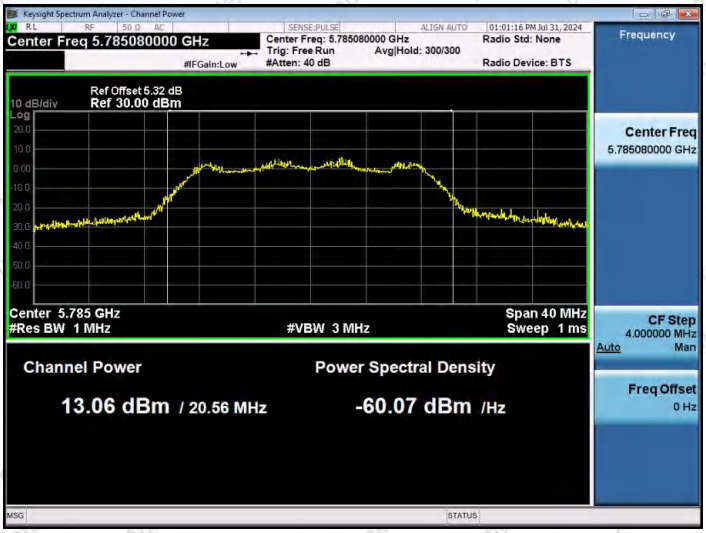
11AC20MIMO-Ant1-5745-PASS



11AC20MIMO-Ant2-5745-PASS



11AC20MIMO-Ant1-5785-PASS



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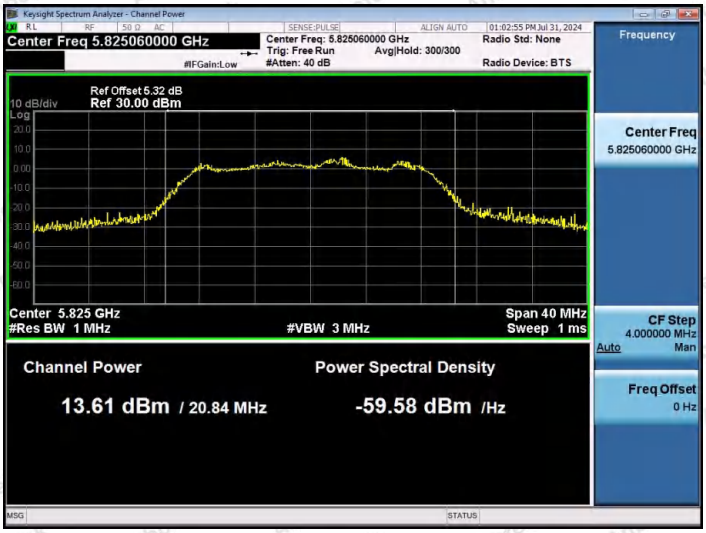
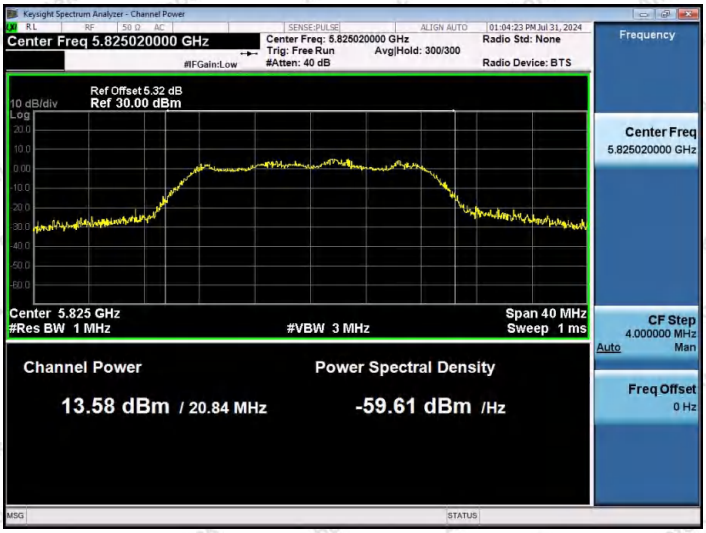
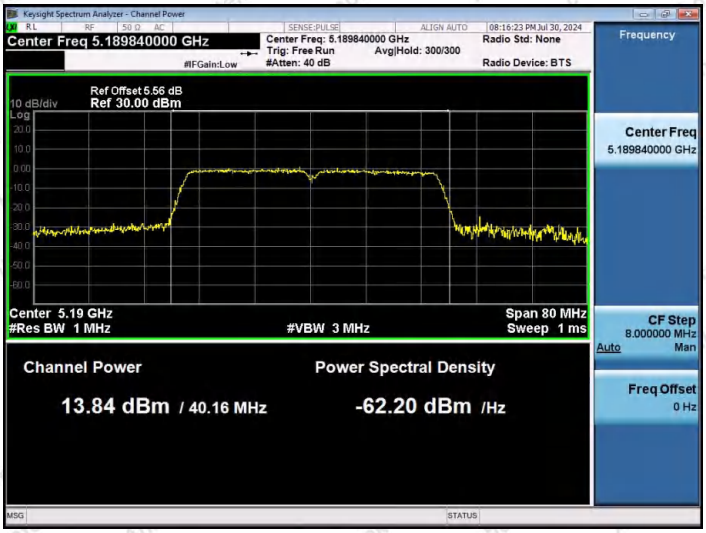


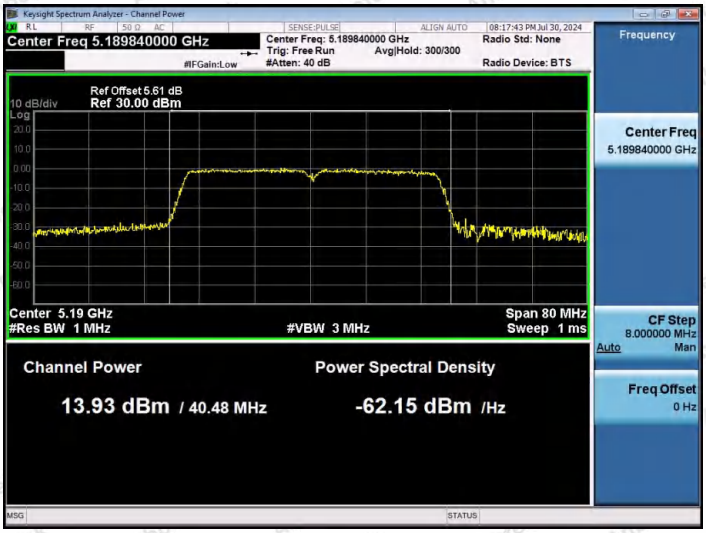
11AC20MIMO-Ant1-5825-PASS



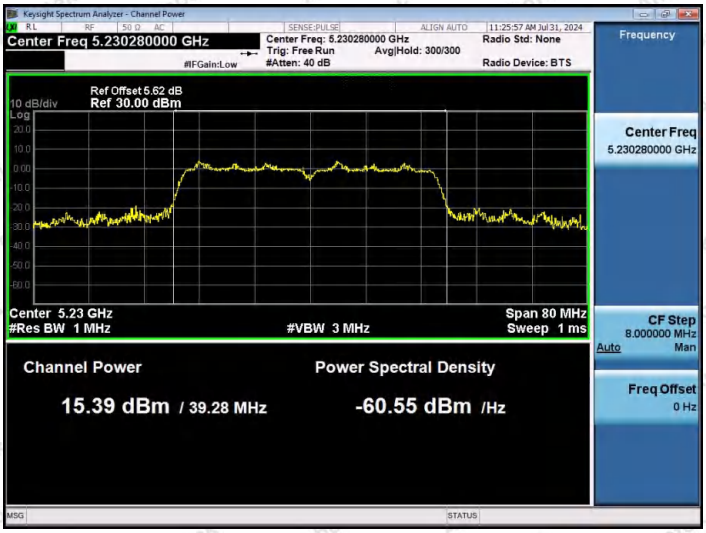
11AC20MIMO-Ant2-5825-PASS



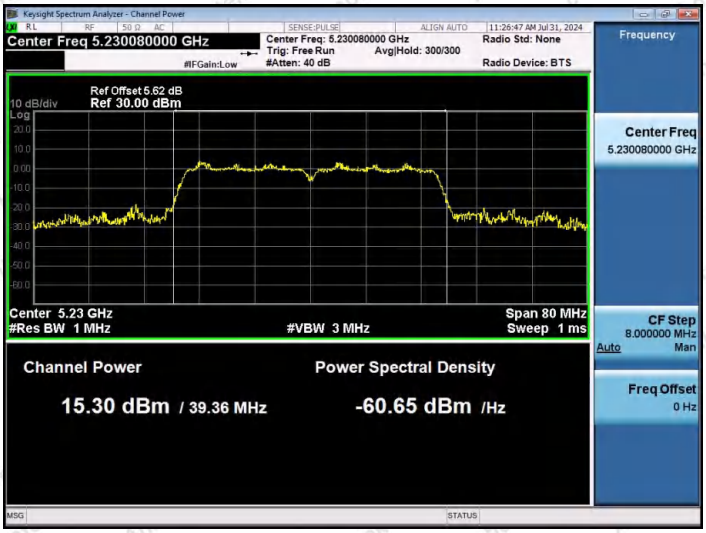
11AC40MIMO-Ant1-5190-PASS



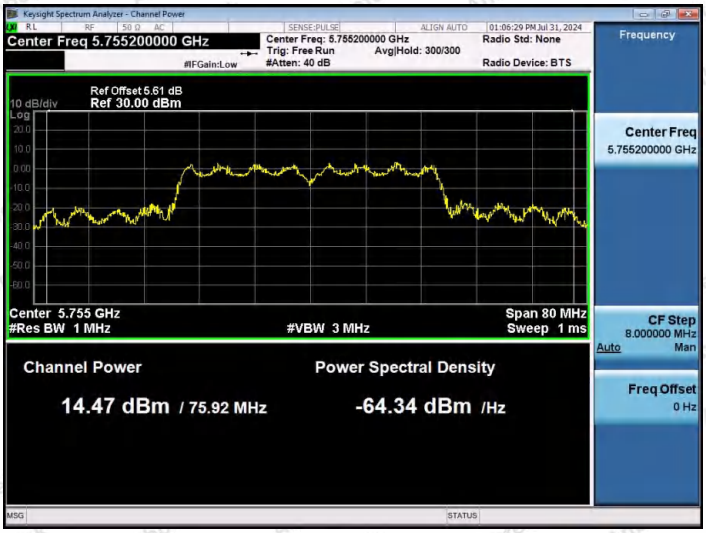
11AC40MIMO-Ant2-5190-PASS



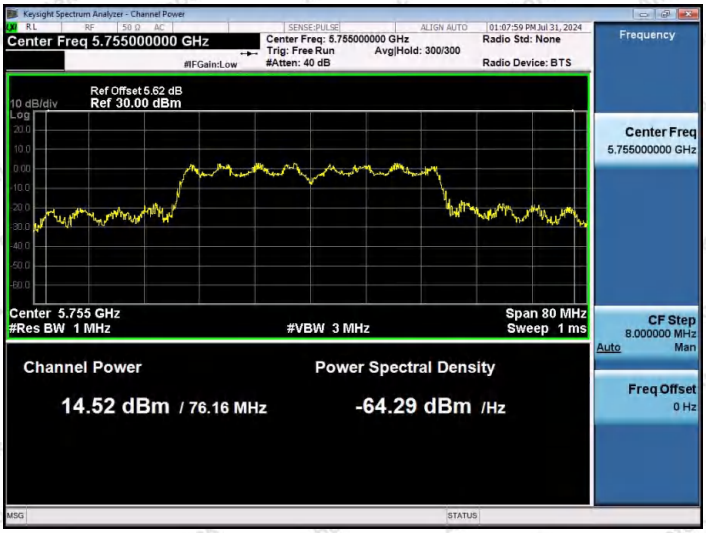
11AC40MIMO-Ant1-5230-PASS



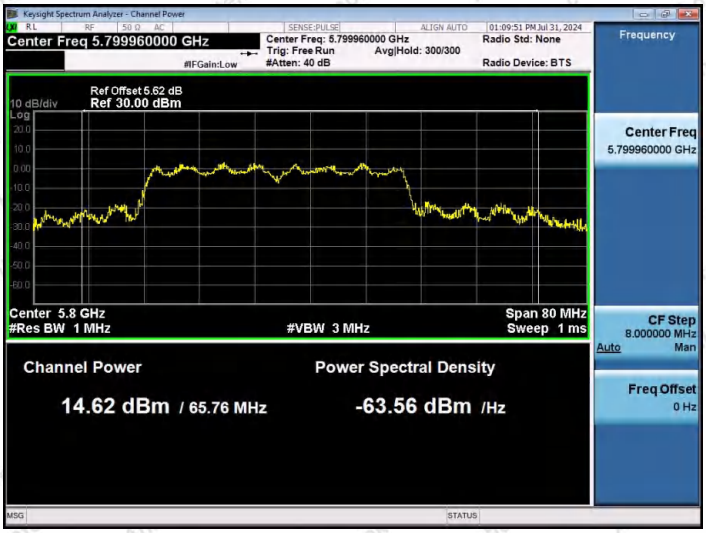
11AC40MIMO-Ant2-5230-PASS



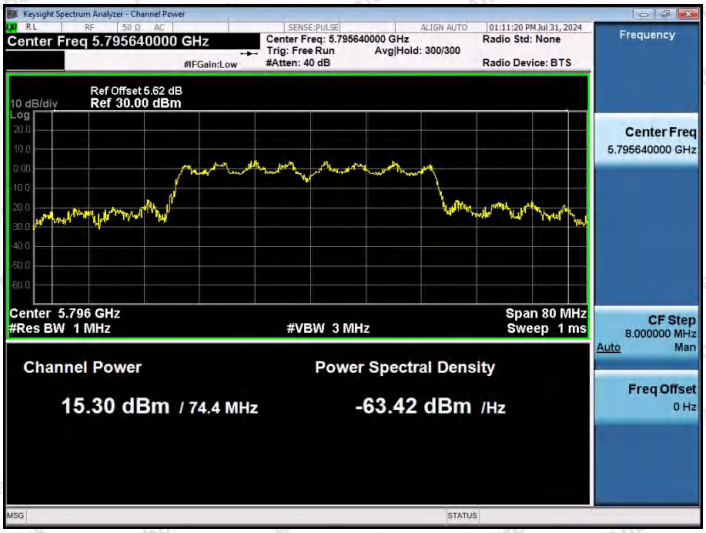
11AC40MIMO-Ant1-5755-PASS



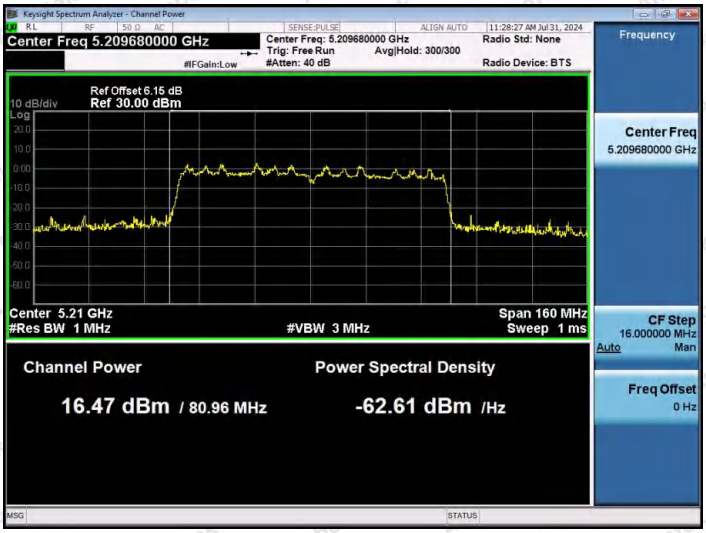
11AC40MIMO-Ant2-5755-PASS



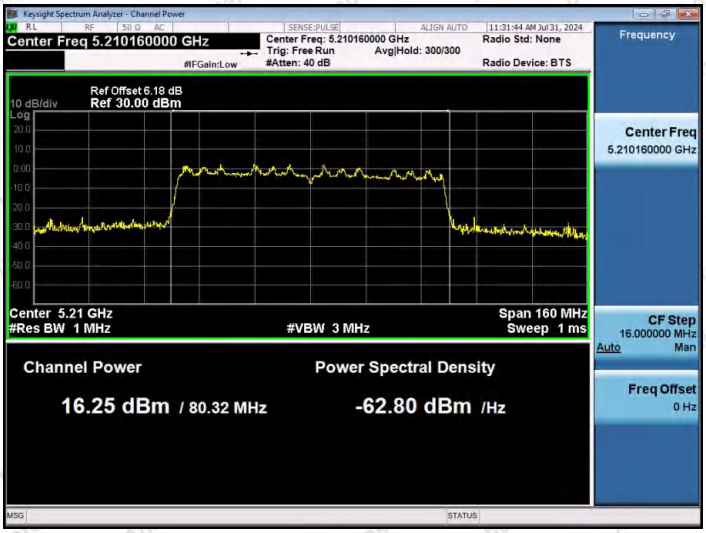
11AC40MIMO-Ant1-5795-PASS



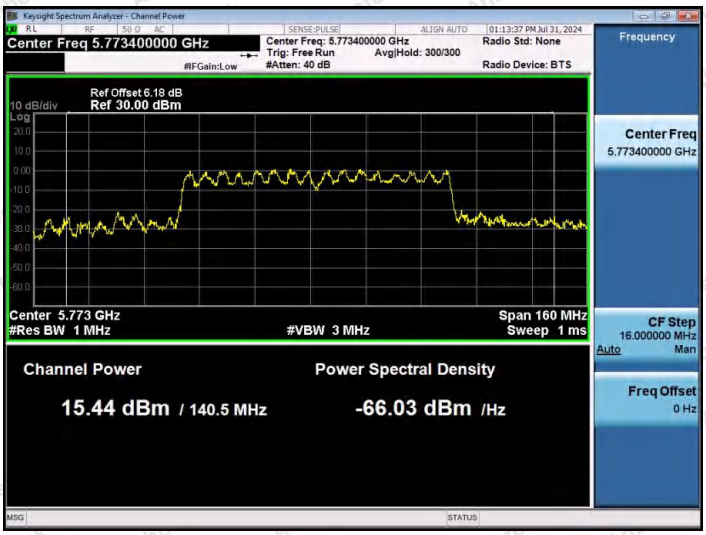
11AC40MIMO-Ant2-5795-PASS



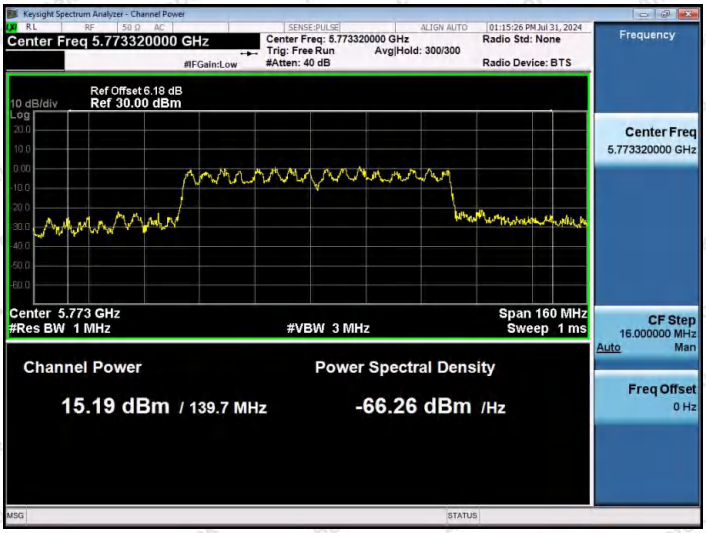
11AC80MIMO-Ant1-5210-PASS



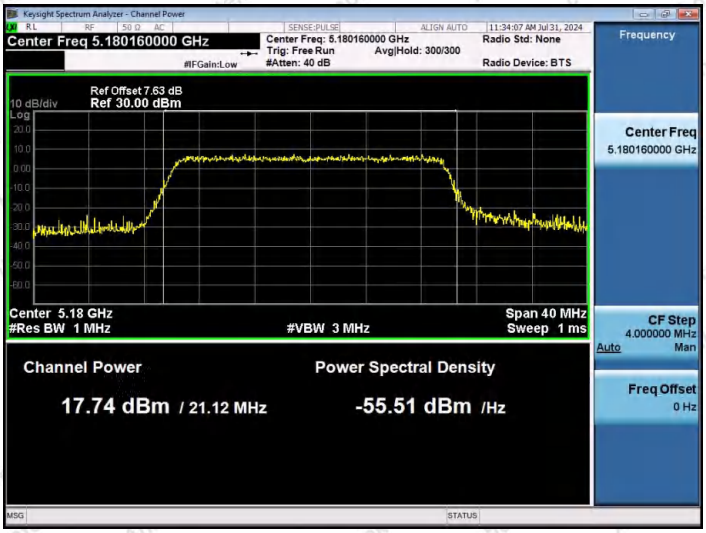
11AC80MIMO-Ant2-5210-PASS



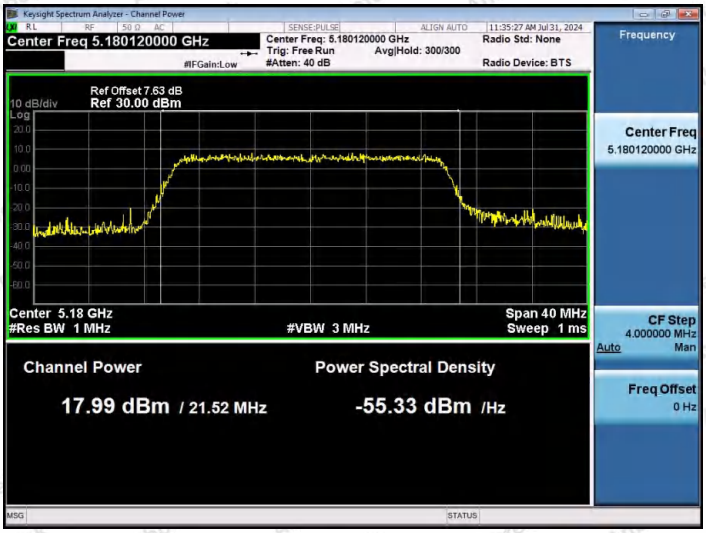
11AC80MIMO-Ant1-5775-PASS



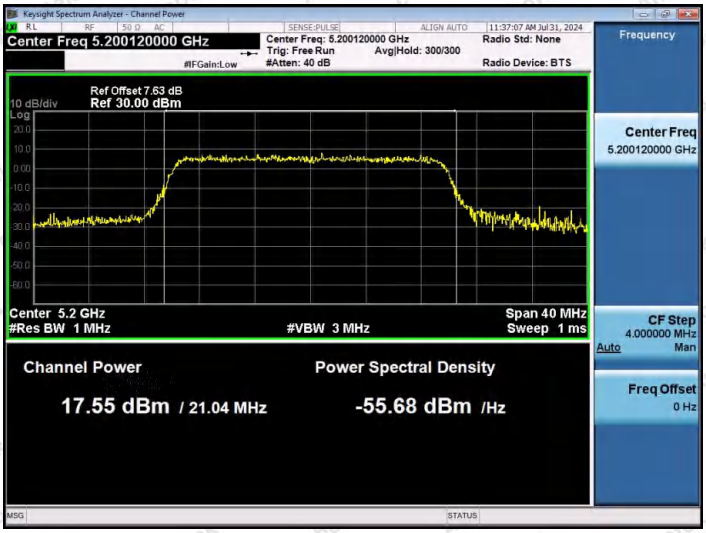
11AC80MIMO-Ant2-5775-PASS



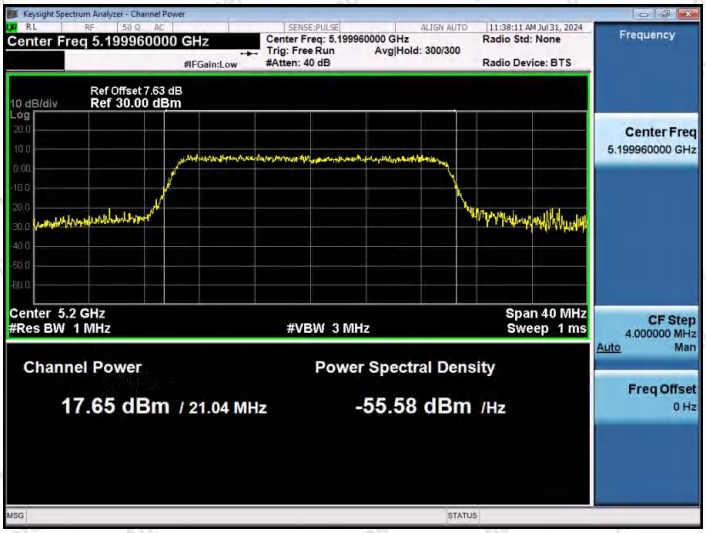
11AX20MIMO-Ant1-5180-PASS



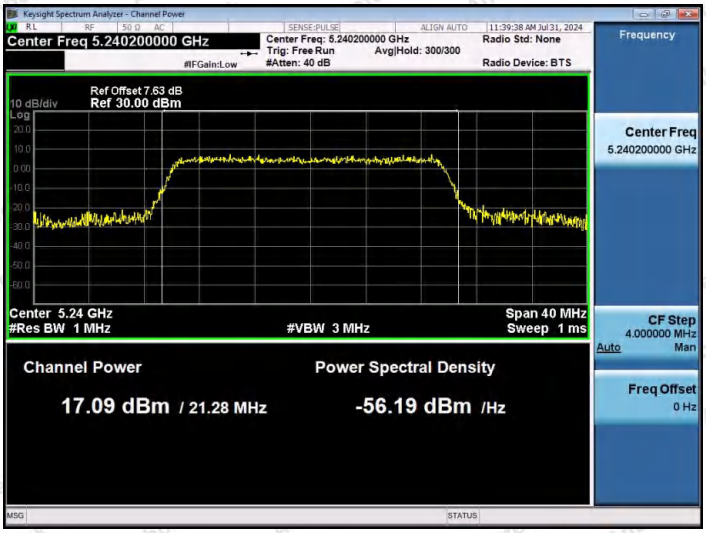
11AX20MIMO-Ant2-5180-PASS



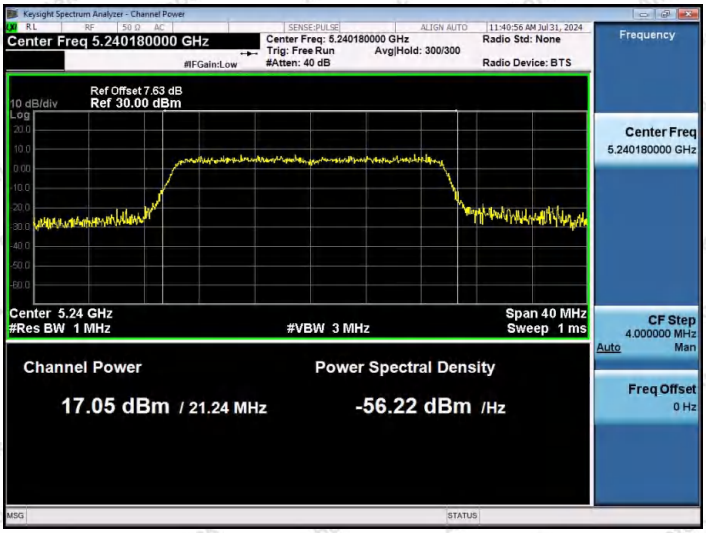
11AX20MIMO-Ant1-5200-PASS



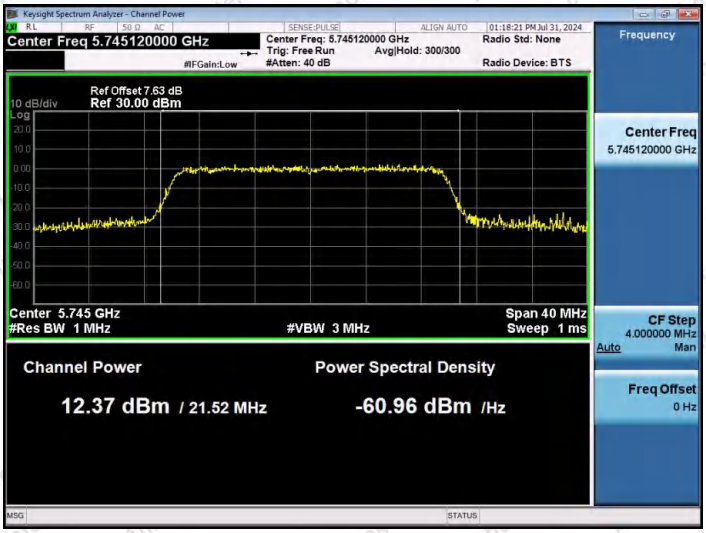
11AX20MIMO-Ant2-5200-PASS



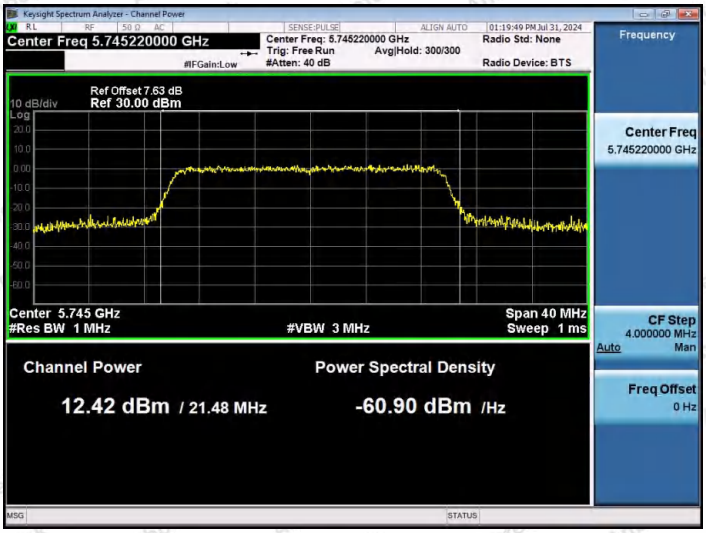
11AX20MIMO-Ant1-5240-PASS



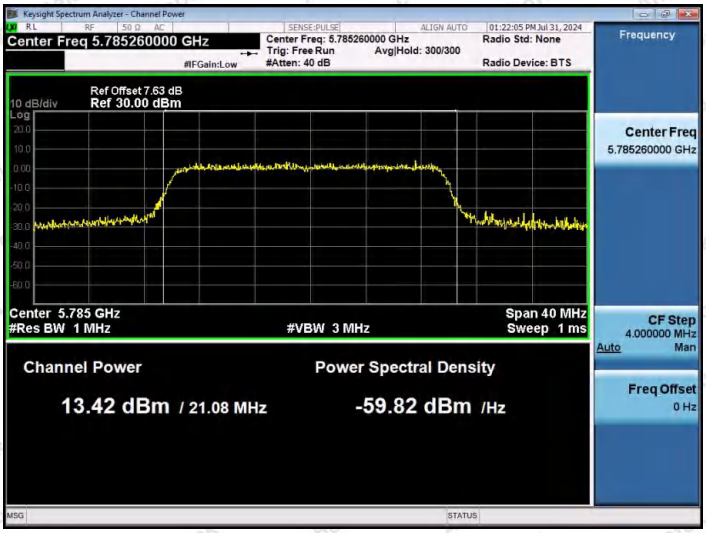
11AX20MIMO-Ant2-5240-PASS



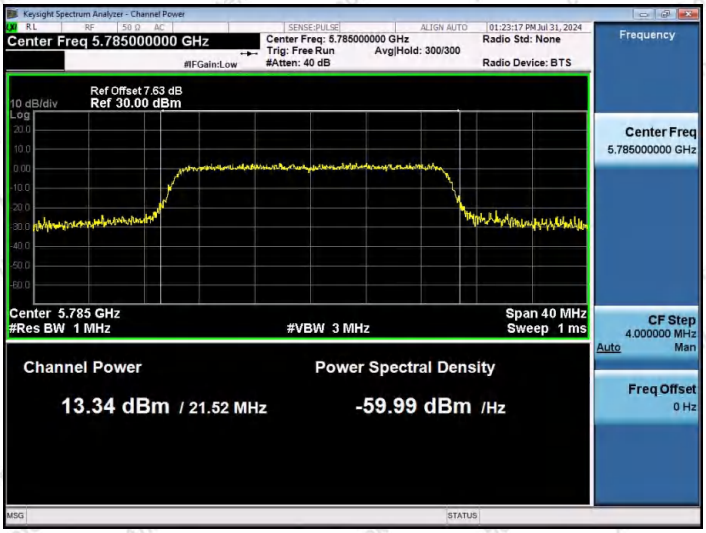
11AX20MIMO-Ant1-5745-PASS



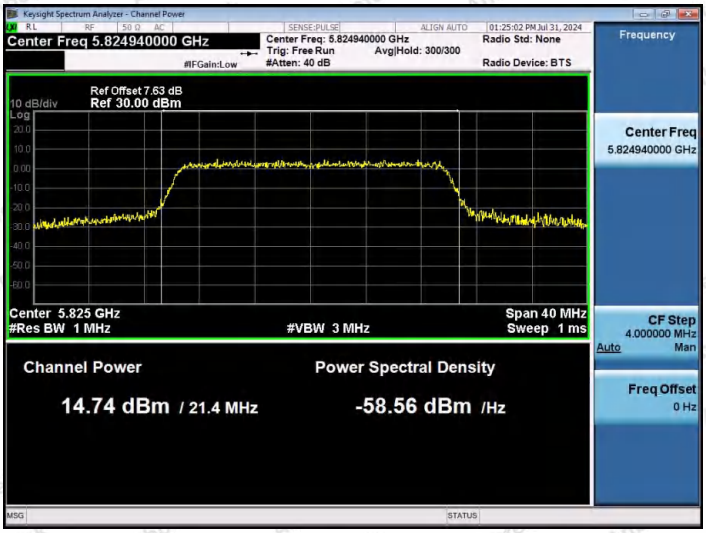
11AX20MIMO-Ant2-5745-PASS



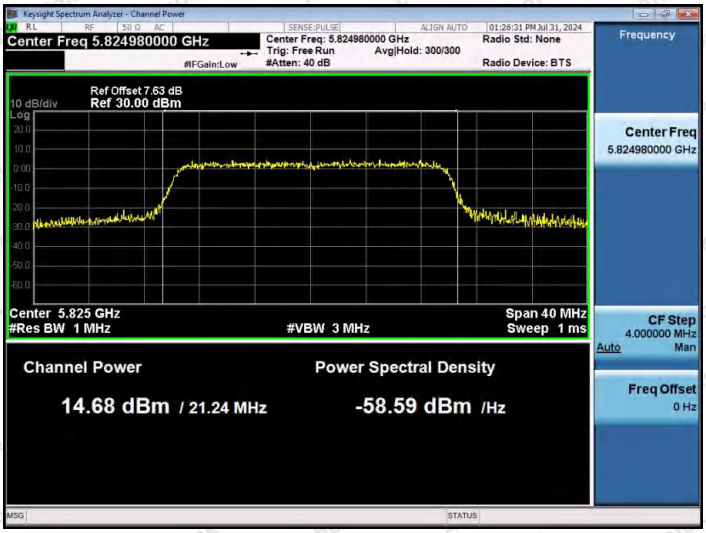
11AX20MIMO-Ant1-5785-PASS



11AX20MIMO-Ant2-5785-PASS



11AX20MIMO-Ant1-5825-PASS



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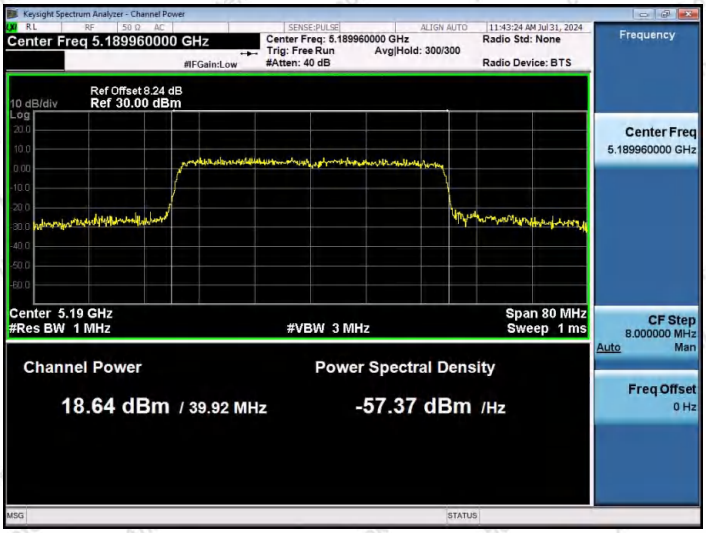
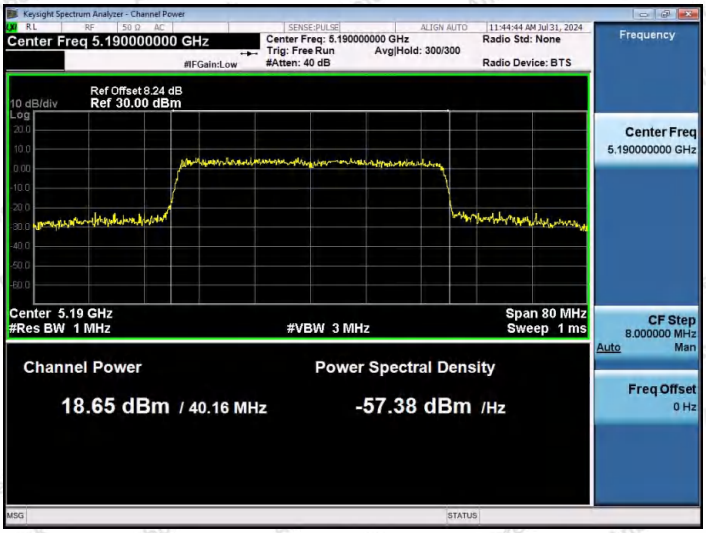
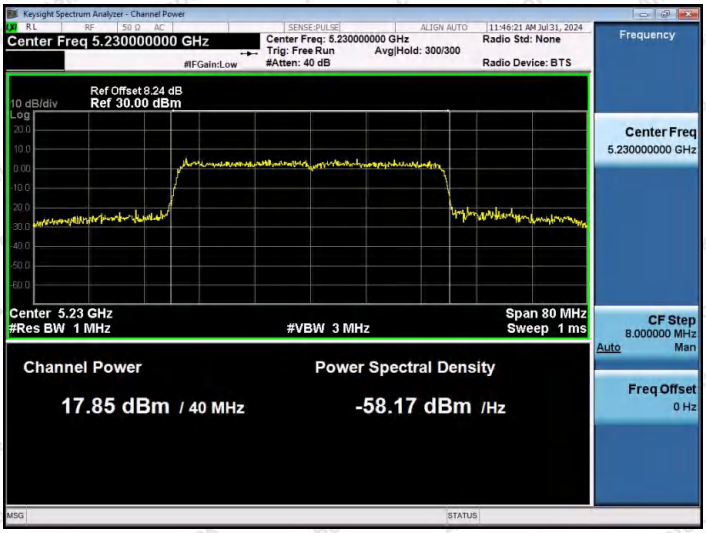


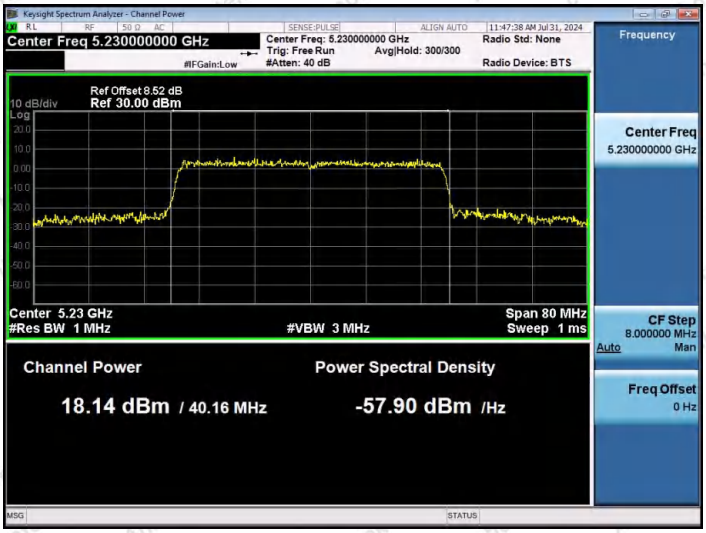
11AX40MIMO-Ant1-5190-PASS



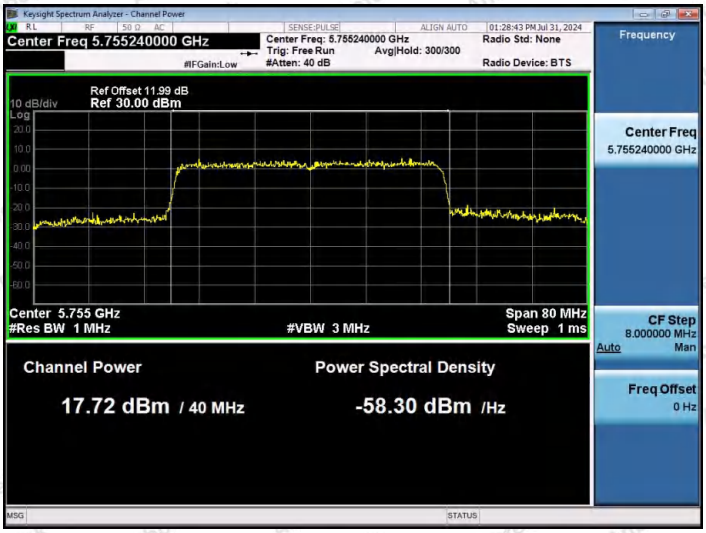
11AX40MIMO-Ant2-5190-PASS



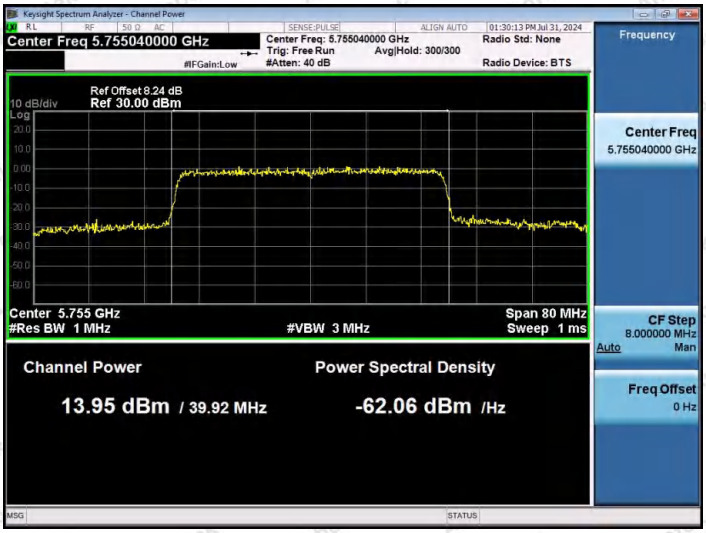
11AX40MIMO-Ant1-5230-PASS



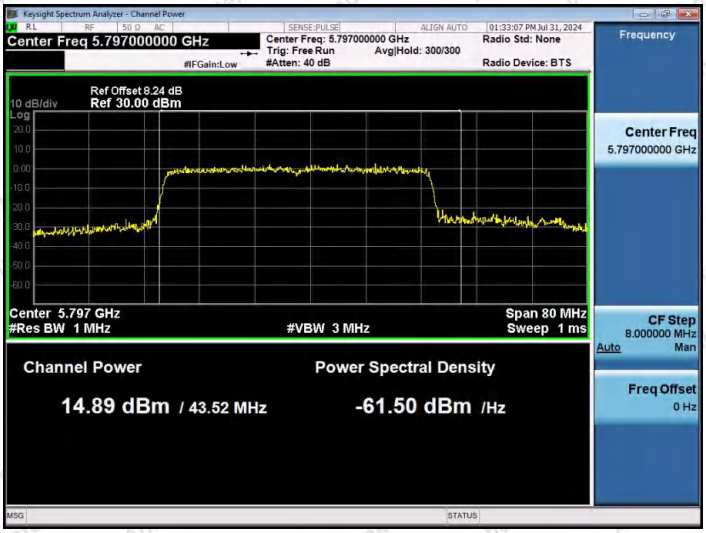
11AX40MIMO-Ant2-5230-PASS



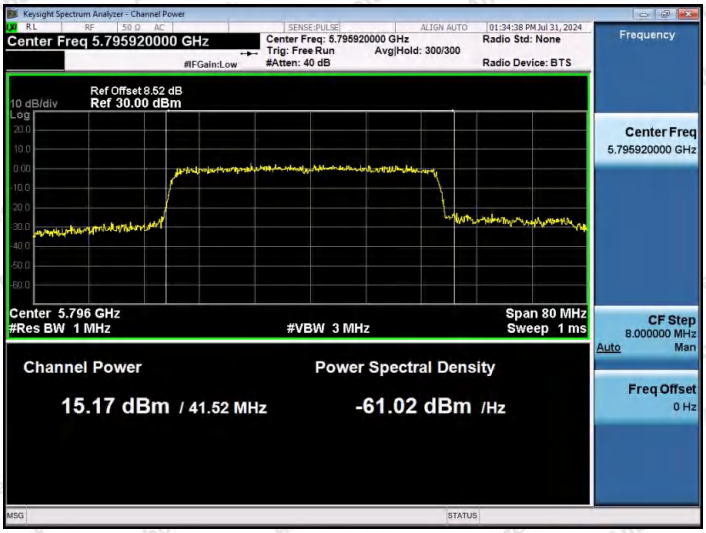
11AX40MIMO-Ant1-5755-PASS



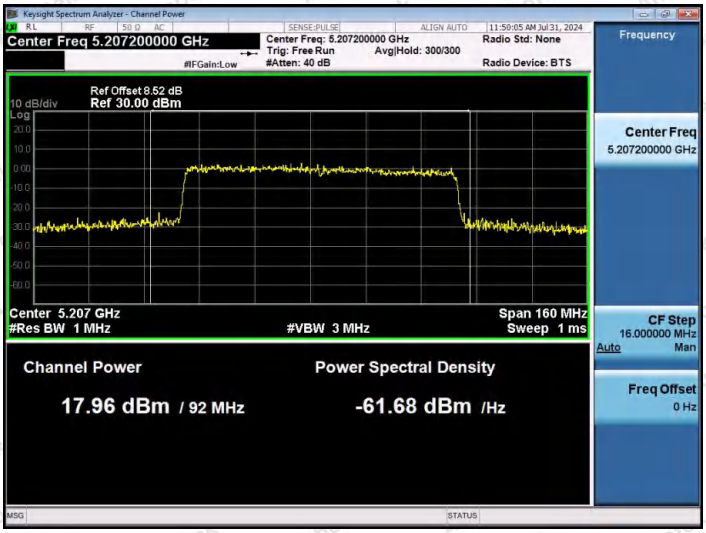
11AX40MIMO-Ant2-5755-PASS



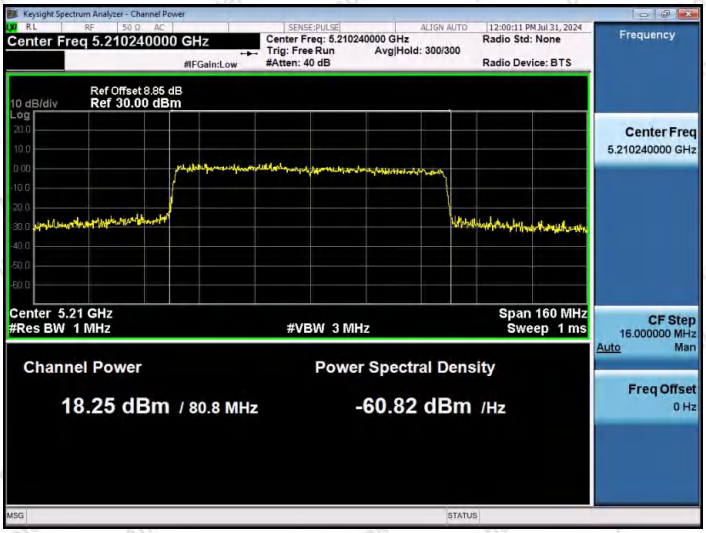
11AX40MIMO-Ant1-5795-PASS



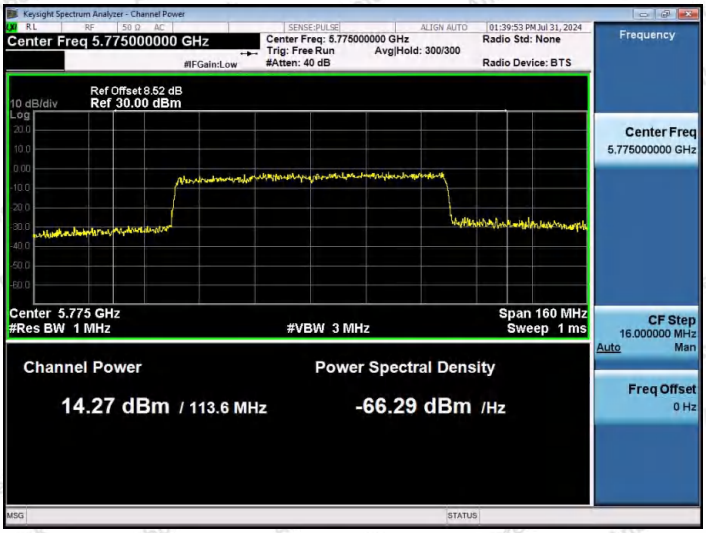
11AX40MIMO-Ant2-5795-PASS



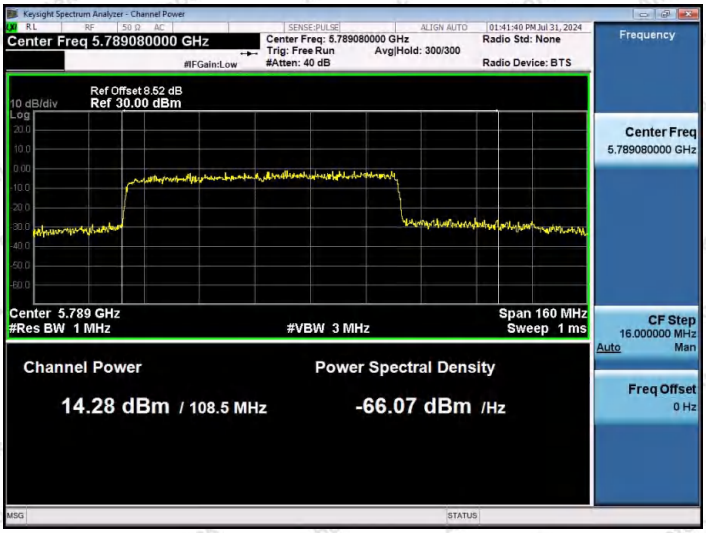
11AX80MIMO-Ant1-5210-PASS



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	0.45	≤11.00	PASS
11A	Ant2	5180	-4.09	≤11.00	PASS
11A	Ant1	5200	-0.05	≤11.00	PASS
11A	Ant2	5200	-4.36	≤11.00	PASS
11A	Ant1	5240	-0.68	≤11.00	PASS
11A	Ant2	5240	-4.46	≤11.00	PASS
11N20MIMO	Ant1	5180	0.05	≤11.00	PASS
11N20MIMO	Ant2	5180	-0.09	≤11.00	PASS
11N20MIMO	total	5180	2.99	≤8.81	PASS
11N20MIMO	Ant1	5200	-0.42	≤11.00	PASS
11N20MIMO	Ant2	5200	-0.38	≤11.00	PASS
11N20MIMO	total	5200	2.61	≤8.81	PASS
11N20MIMO	Ant1	5240	-0.73	≤11.00	PASS
11N20MIMO	Ant2	5240	-1.08	≤11.00	PASS
11N20MIMO	total	5240	2.11	≤8.81	PASS
11N40MIMO	Ant1	5190	-5.82	≤11.00	PASS
11N40MIMO	Ant2	5190	-5.79	≤11.00	PASS
11N40MIMO	total	5190	-2.79	≤8.81	PASS
11N40MIMO	Ant1	5230	-6.54	≤11.00	PASS
11N40MIMO	Ant2	5230	-6.68	≤11.00	PASS
11N40MIMO	total	5230	-3.60	≤8.81	PASS
11AC20MIMO	Ant1	5180	-2.29	≤11.00	PASS
11AC20MIMO	Ant2	5180	-2.00	≤11.00	PASS
11AC20MIMO	total	5180	0.87	≤8.81	PASS
11AC20MIMO	Ant1	5200	-2.74	≤11.00	PASS
11AC20MIMO	Ant2	5200	-2.58	≤11.00	PASS
11AC20MIMO	total	5200	0.35	≤8.81	PASS
11AC20MIMO	Ant1	5240	-2.84	≤11.00	PASS
11AC20MIMO	Ant2	5240	-2.80	≤11.00	PASS
11AC20MIMO	total	5240	0.19	≤8.81	PASS
11AC40MIMO	Ant1	5190	-5.86	≤11.00	PASS
11AC40MIMO	Ant2	5190	-5.91	≤11.00	PASS
11AC40MIMO	total	5190	-2.87	≤8.81	PASS
11AC40MIMO	Ant1	5230	-5.00	≤11.00	PASS
11AC40MIMO	Ant2	5230	-5.18	≤11.00	PASS
11AC40MIMO	total	5230	-2.08	≤8.81	PASS
11AC80MIMO	Ant1	5210	-6.58	≤11.00	PASS

11AC80MIMO	Ant2	5210	-7.02	≤11.00	PASS
11AC80MIMO	total	5210	-3.78	≤8.81	PASS
11AX20MIMO	Ant1	5180	-1.58	≤11.00	PASS
11AX20MIMO	Ant2	5180	-1.26	≤11.00	PASS
11AX20MIMO	total	5180	1.59	≤8.81	PASS
11AX20MIMO	Ant1	5200	-1.61	≤11.00	PASS
11AX20MIMO	Ant2	5200	-2.01	≤11.00	PASS
11AX20MIMO	total	5200	1.20	≤8.81	PASS
11AX20MIMO	Ant1	5240	-2.05	≤11.00	PASS
11AX20MIMO	Ant2	5240	-2.32	≤11.00	PASS
11AX20MIMO	total	5240	0.83	≤8.81	PASS
11AX40MIMO	Ant1	5190	-3.75	≤11.00	PASS
11AX40MIMO	Ant2	5190	-3.53	≤11.00	PASS
11AX40MIMO	total	5190	-0.63	≤8.81	PASS
11AX40MIMO	Ant1	5230	-4.81	≤11.00	PASS
11AX40MIMO	Ant2	5230	-4.67	≤11.00	PASS
11AX40MIMO	total	5230	-1.73	≤8.81	PASS
11AX80MIMO	Ant1	5210	-6.93	≤11.00	PASS
11AX80MIMO	Ant2	5210	-6.30	≤11.00	PASS
11AX80MIMO	total	5210	-3.59	≤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/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	-5.57	≤30.00	PASS
11A	Ant2	5745	-5.76	≤30.00	PASS
11A	Ant1	5785	-7.05	≤30.00	PASS
11A	Ant2	5785	-6.96	≤30.00	PASS
11A	Ant1	5825	-6.13	≤30.00	PASS
11A	Ant2	5825	-7.64	≤30.00	PASS
11N20MIMO	Ant1	5745	-8.06	≤30.00	PASS
11N20MIMO	Ant2	5745	-8.12	≤30.00	PASS
11N20MIMO	total	5745	-5.08	≤27.95	PASS
11N20MIMO	Ant1	5785	-7.61	≤30.00	PASS
11N20MIMO	Ant2	5785	-7.40	≤30.00	PASS
11N20MIMO	total	5785	-4.49	≤27.95	PASS
11N20MIMO	Ant1	5825	-6.26	≤30.00	PASS
11N20MIMO	Ant2	5825	-6.34	≤30.00	PASS

11N20MIMO	total	5825	-3.29	≤27.95	PASS
11N40MIMO	Ant1	5755	-11.76	≤30.00	PASS
11N40MIMO	Ant2	5755	-12.66	≤30.00	PASS
11N40MIMO	total	5755	-9.18	≤27.95	PASS
11N40MIMO	Ant1	5795	-12.31	≤30.00	PASS
11N40MIMO	Ant2	5795	-11.64	≤30.00	PASS
11N40MIMO	total	5795	-8.95	≤27.95	PASS
11AC20MIMO	Ant1	5745	-7.39	≤30.00	PASS
11AC20MIMO	Ant2	5745	-5.33	≤30.00	PASS
11AC20MIMO	total	5745	-3.23	≤27.95	PASS
11AC20MIMO	Ant1	5785	-6.25	≤30.00	PASS
11AC20MIMO	Ant2	5785	-6.17	≤30.00	PASS
11AC20MIMO	total	5785	-3.20	≤27.95	PASS
11AC20MIMO	Ant1	5825	-5.17	≤30.00	PASS
11AC20MIMO	Ant2	5825	-5.64	≤30.00	PASS
11AC20MIMO	total	5825	-2.39	≤27.95	PASS
11AC40MIMO	Ant1	5755	-8.90	≤30.00	PASS
11AC40MIMO	Ant2	5755	-9.23	≤30.00	PASS
11AC40MIMO	total	5755	-6.05	≤27.95	PASS
11AC40MIMO	Ant1	5795	-8.89	≤30.00	PASS
11AC40MIMO	Ant2	5795	-8.12	≤30.00	PASS
11AC40MIMO	total	5795	-5.48	≤27.95	PASS
11AC80MIMO	Ant1	5775	-11.37	≤30.00	PASS
11AC80MIMO	Ant2	5775	-11.91	≤30.00	PASS
11AC80MIMO	total	5775	-8.62	≤27.95	PASS
11AX20MIMO	Ant1	5745	-9.41	≤30.00	PASS
11AX20MIMO	Ant2	5745	-9.53	≤30.00	PASS
11AX20MIMO	total	5745	-6.46	≤27.95	PASS
11AX20MIMO	Ant1	5785	-8.63	≤30.00	PASS
11AX20MIMO	Ant2	5785	-8.72	≤30.00	PASS
11AX20MIMO	total	5785	-5.66	≤27.95	PASS
11AX20MIMO	Ant1	5825	-7.37	≤30.00	PASS
11AX20MIMO	Ant2	5825	-6.65	≤30.00	PASS
11AX20MIMO	total	5825	-3.98	≤27.95	PASS
11AX40MIMO	Ant1	5755	-7.01	≤30.00	PASS
11AX40MIMO	Ant2	5755	-10.84	≤30.00	PASS
11AX40MIMO	total	5755	-5.51	≤27.95	PASS
11AX40MIMO	Ant1	5795	-9.56	≤30.00	PASS
11AX40MIMO	Ant2	5795	-9.83	≤30.00	PASS
11AX40MIMO	total	5795	-6.68	≤27.95	PASS
11AX80MIMO	Ant1	5775	-12.18	≤30.00	PASS
11AX80MIMO	Ant2	5775	-12.73	≤30.00	PASS

11AX80MIMO	total	5775	-9.44	≤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).

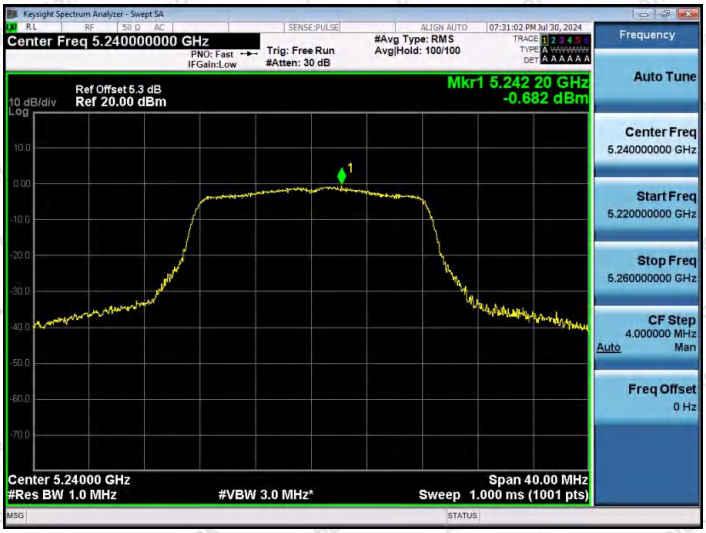
Test Graphs

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

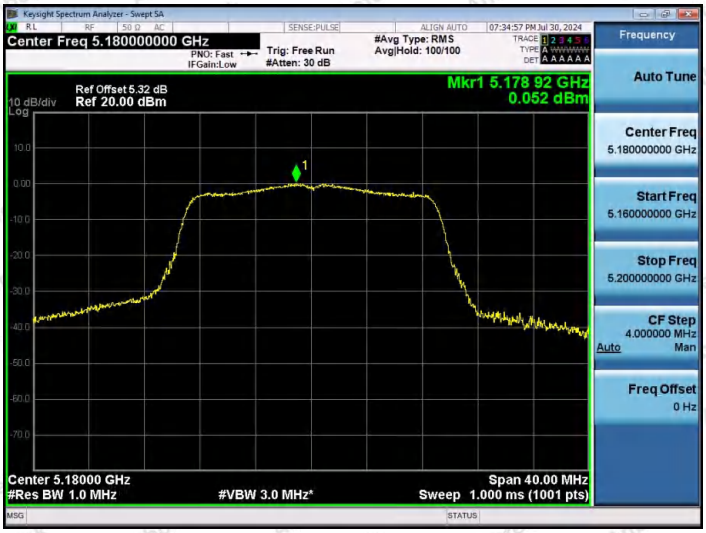
11A-Ant2-5745-PASS

11A-Ant1-5785-PASS

11A-Ant2-5785-PASS

11A-Ant1-5825-PASS

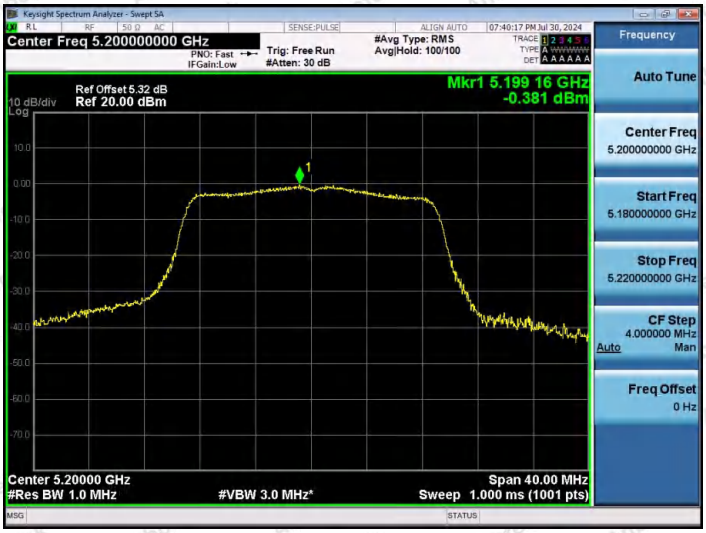
11A-Ant2-5825-PASS



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