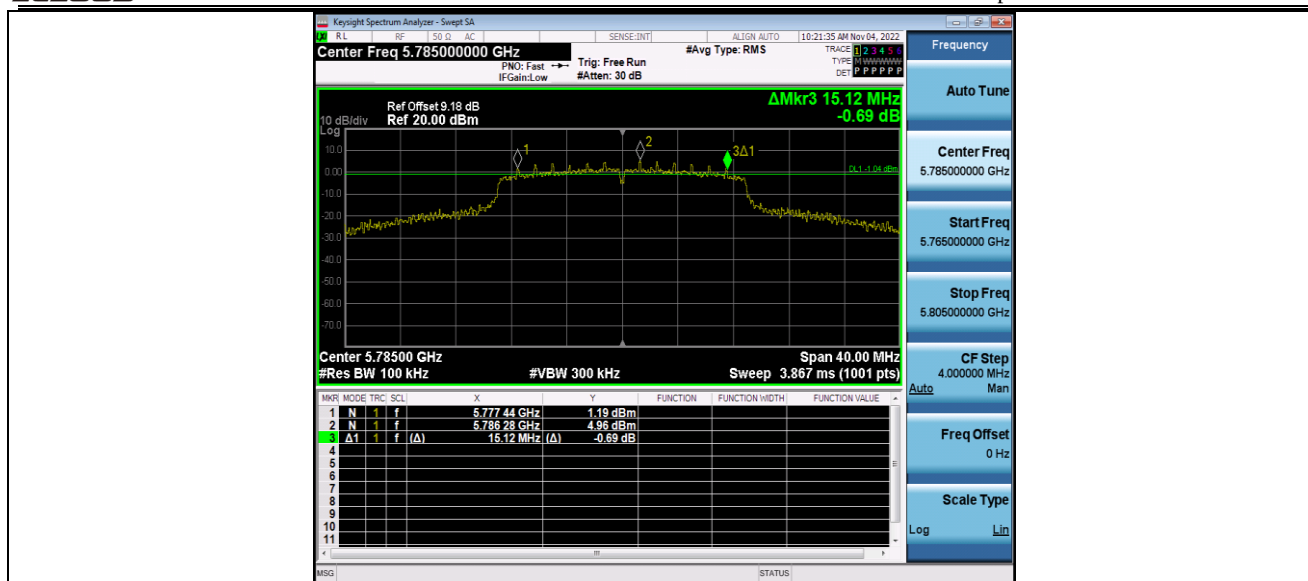




11N20MIMO_Ant2_5785



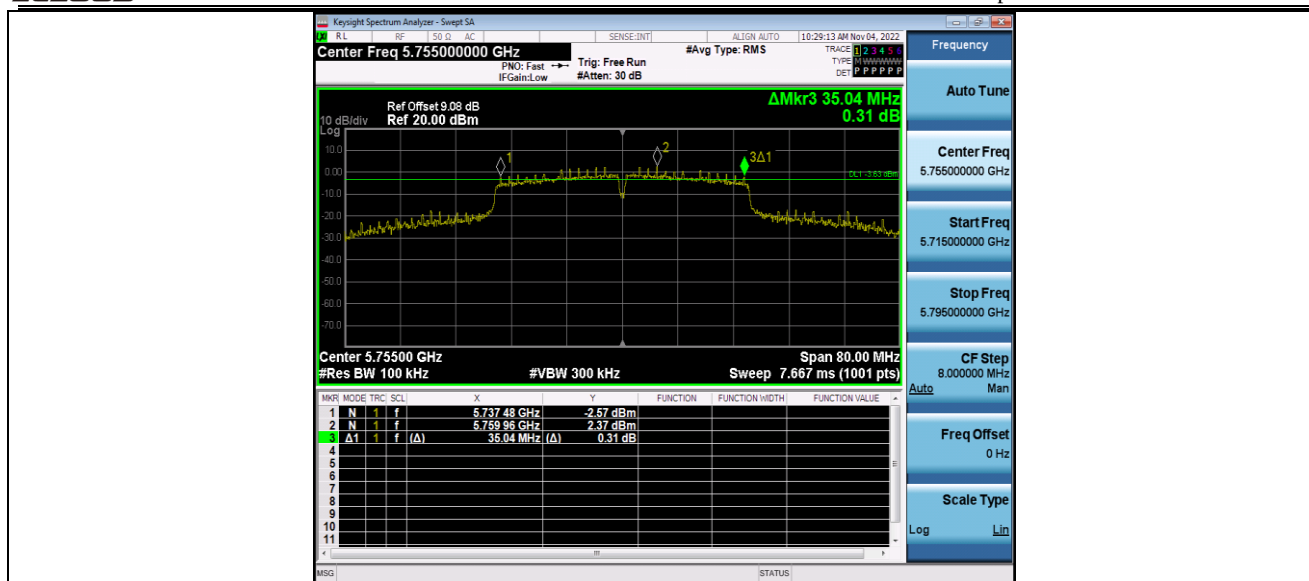
11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



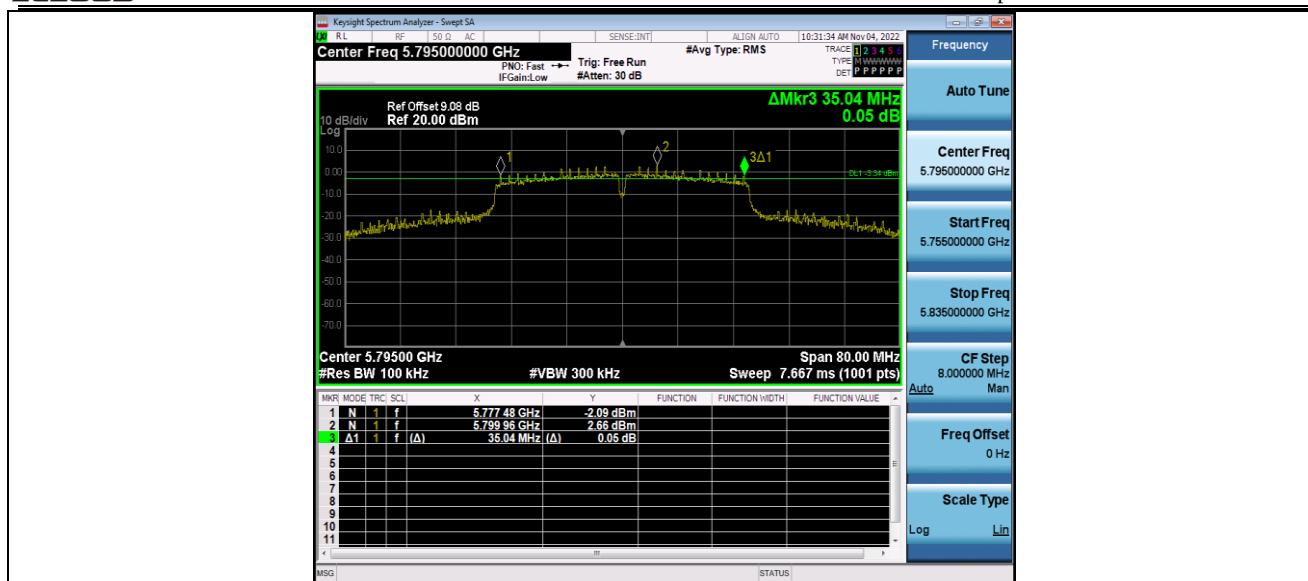
11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



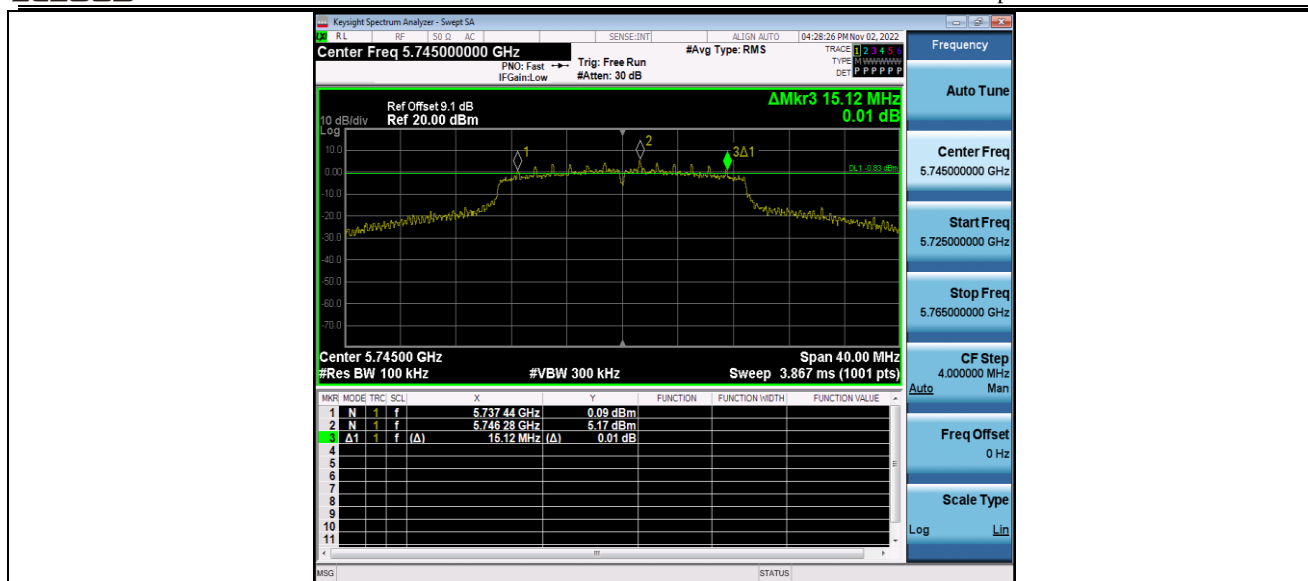
11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



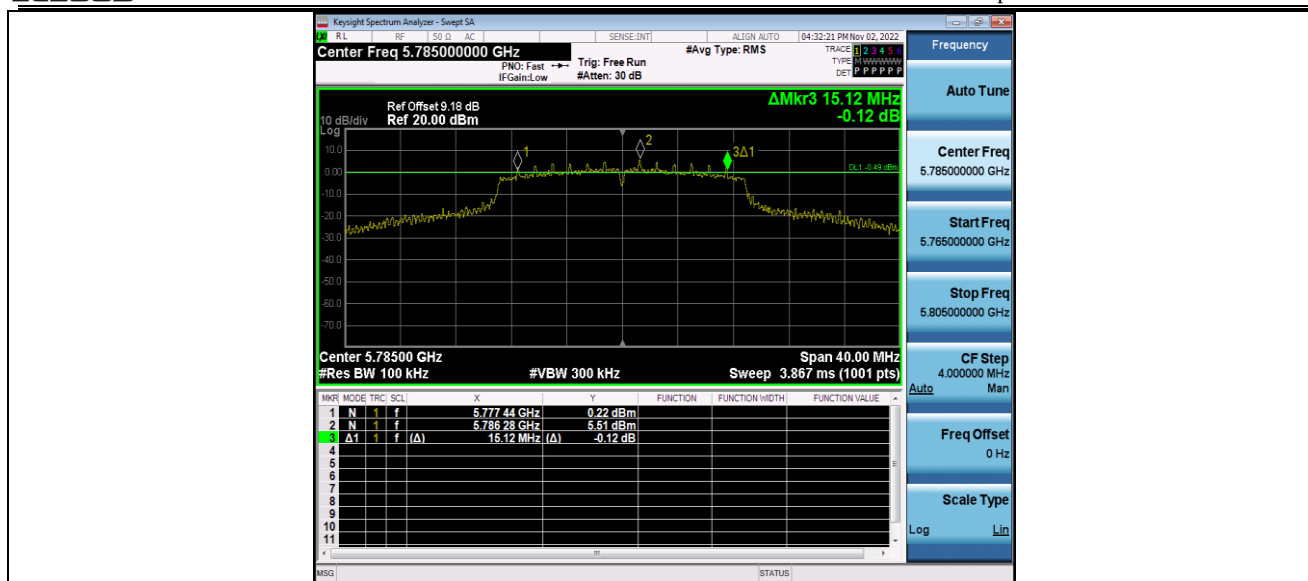
11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



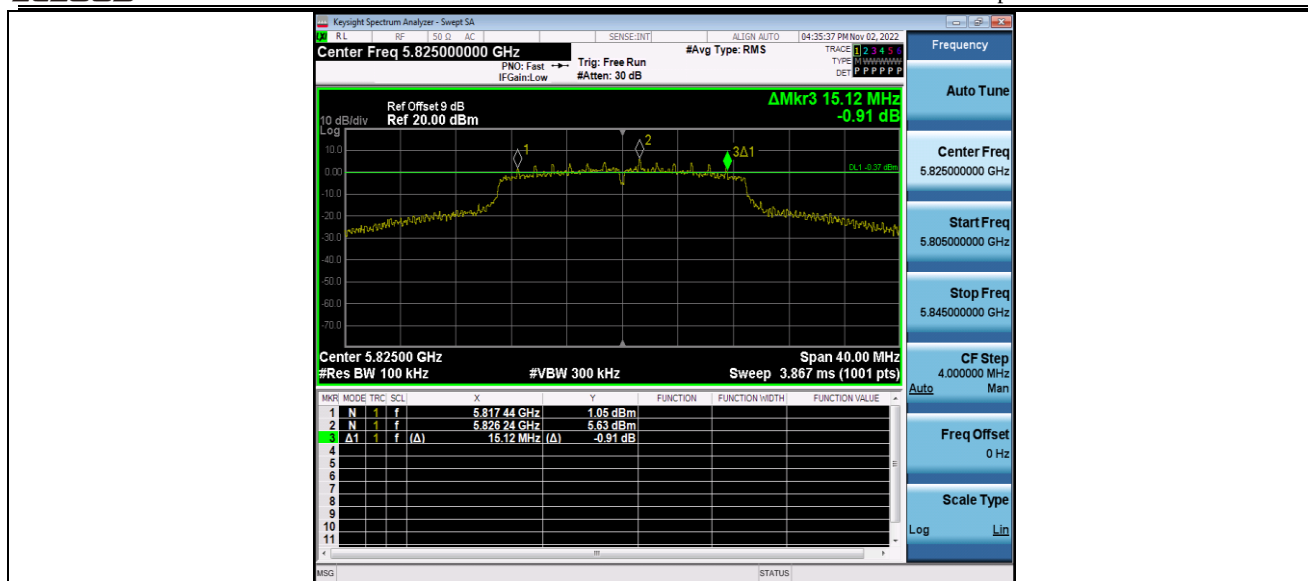
11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



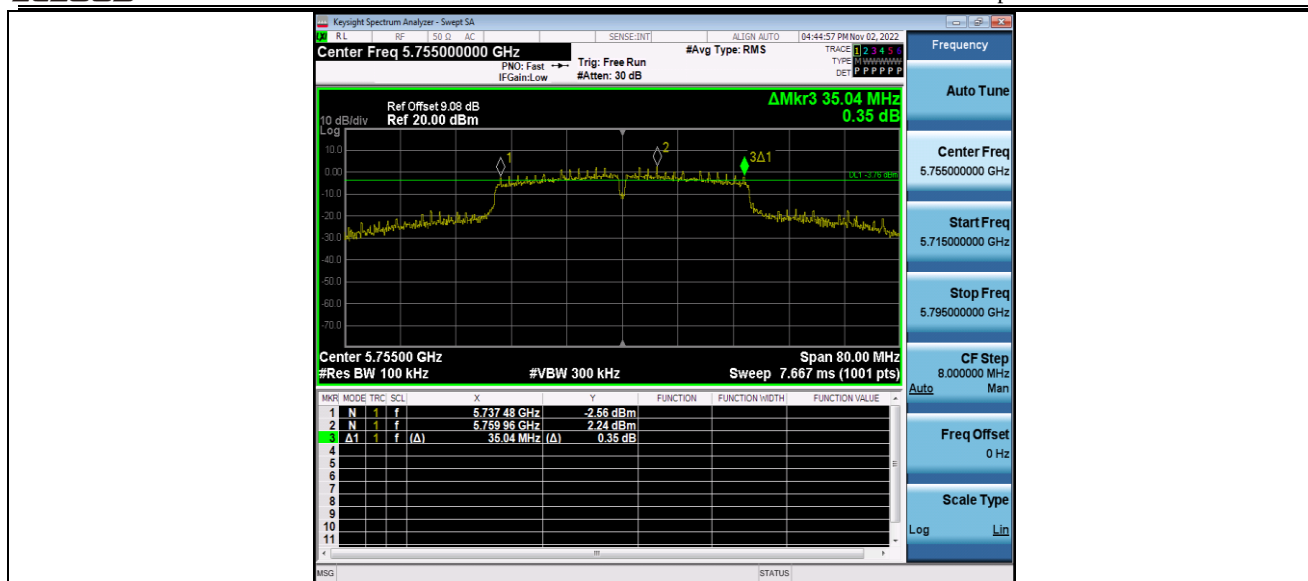
11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



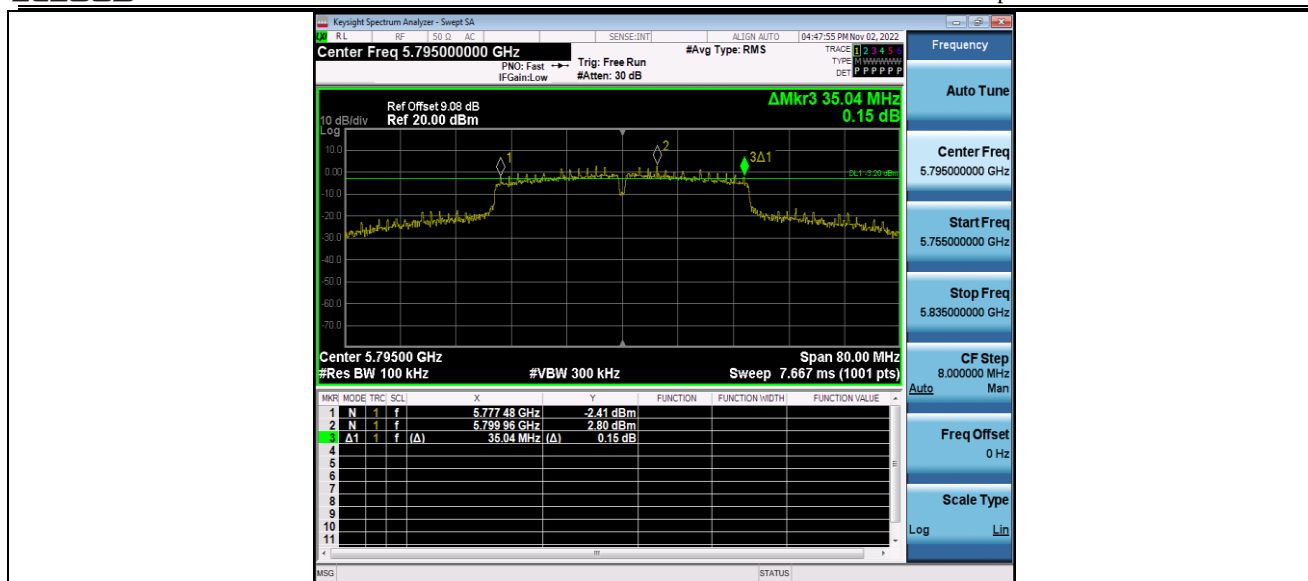
11AC40MIMO_Ant1_5755



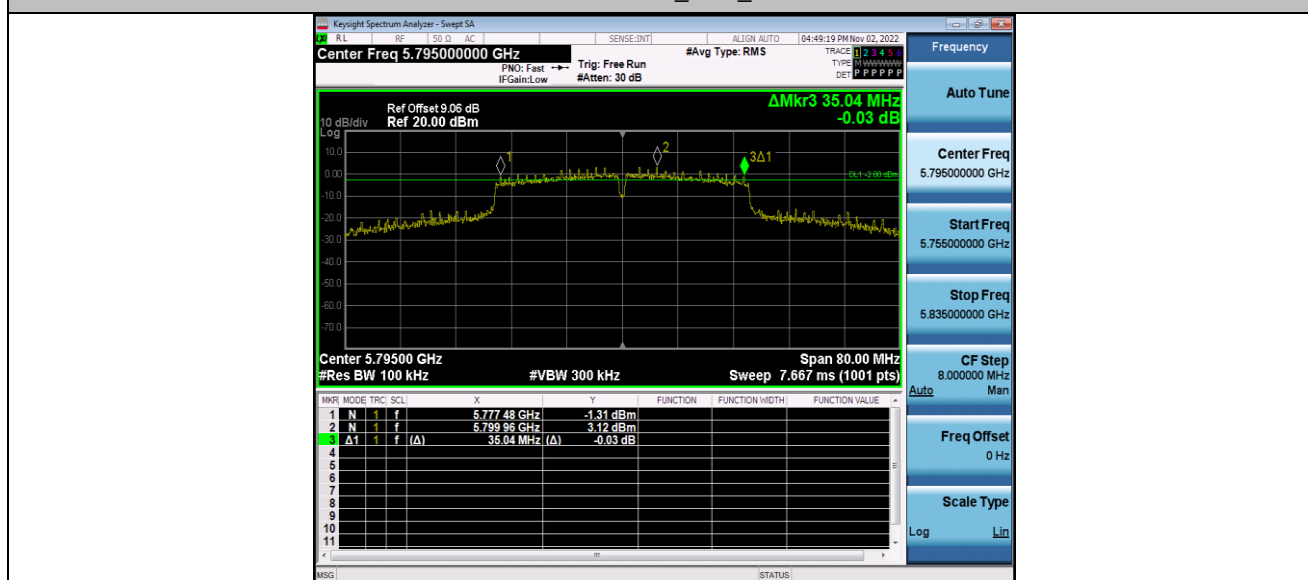
11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix B: Maximum conducted output power

Test Result

FCC

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	95.86	0.18	17.12	≤23.98	PASS
	Ant2	5180	95.86	0.18	17.06	≤23.98	PASS
	Ant1	5220	95.86	0.18	17.56	≤23.98	PASS
	Ant2	5220	95.86	0.18	17.41	≤23.98	PASS
	Ant1	5240	95.86	0.18	17.66	≤23.98	PASS
	Ant2	5240	95.86	0.18	17.63	≤23.98	PASS
	Ant1	5745	95.86	0.18	13.6	≤30.00	PASS
	Ant2	5745	95.86	0.18	14.46	≤30.00	PASS
	Ant1	5785	95.86	0.18	14.1	≤30.00	PASS
	Ant2	5785	95.86	0.18	14.42	≤30.00	PASS
	Ant1	5825	95.86	0.18	14.12	≤30.00	PASS
	Ant2	5825	95.86	0.18	14.38	≤30.00	PASS
11N20MIMO	Ant1	5180	94.89	0.23	14.57	≤23.98	PASS
	Ant2	5180	94.89	0.23	15.69	≤23.98	PASS
	total	5180	94.89	0.23	18.18	≤23.98	PASS
	Ant1	5220	94.89	0.23	14.99	≤23.98	PASS
	Ant2	5220	94.89	0.23	15.8	≤23.98	PASS
	total	5220	94.89	0.23	18.42	≤23.98	PASS
	Ant1	5240	94.89	0.23	15.06	≤23.98	PASS
	Ant2	5240	94.89	0.23	15.78	≤23.98	PASS
	total	5240	94.89	0.23	18.45	≤23.98	PASS
	Ant1	5745	94.89	0.23	13.53	≤30.00	PASS
	Ant2	5745	94.89	0.23	14.37	≤30.00	PASS
	total	5745	94.89	0.23	16.98	≤30.00	PASS
	Ant1	5785	94.89	0.23	13.96	≤30.00	PASS
	Ant2	5785	94.89	0.23	14.38	≤30.00	PASS
	total	5785	94.89	0.23	17.19	≤30.00	PASS
	Ant1	5825	94.89	0.23	13.59	≤30.00	PASS
	Ant2	5825	94.89	0.23	13.94	≤30.00	PASS

	total	5825	94.89	0.23	16.78	≤30.00	PASS
11N40MIMO	Ant1	5190	91.43	0.39	14.6	≤23.98	PASS
	Ant2	5190	91.43	0.39	15.85	≤23.98	PASS
	total	5190	91.43	0.39	18.28	≤23.98	PASS
	Ant1	5230	91.43	0.39	15.23	≤23.98	PASS
	Ant2	5230	91.43	0.39	15.92	≤23.98	PASS
	total	5230	91.43	0.39	18.6	≤23.98	PASS
	Ant1	5755	91.43	0.39	11.7	≤30.00	PASS
	Ant2	5755	91.43	0.39	12.37	≤30.00	PASS
	total	5755	91.43	0.39	15.06	≤30.00	PASS
	Ant1	5795	91.43	0.39	12.03	≤30.00	PASS
	Ant2	5795	91.43	0.39	12.37	≤30.00	PASS
	total	5795	91.43	0.39	15.21	≤30.00	PASS
11AC20MIMO	Ant1	5180	90.67	0.43	14.7	≤23.98	PASS
	Ant2	5180	90.67	0.43	15.74	≤23.98	PASS
	total	5180	90.67	0.43	18.26	≤23.98	PASS
	Ant1	5220	90.67	0.43	15.16	≤23.98	PASS
	Ant2	5220	90.67	0.43	15.87	≤23.98	PASS
	total	5220	90.67	0.43	18.54	≤23.98	PASS
	Ant1	5240	90.67	0.43	15.2	≤23.98	PASS
	Ant2	5240	90.67	0.43	15.93	≤23.98	PASS
	total	5240	90.67	0.43	18.59	≤23.98	PASS
	Ant1	5745	90.67	0.43	13.19	≤30.00	PASS
	Ant2	5745	90.67	0.43	13.9	≤30.00	PASS
	total	5745	90.67	0.43	16.57	≤30.00	PASS
	Ant1	5785	90.67	0.43	13.59	≤30.00	PASS
	Ant2	5785	90.67	0.43	13.93	≤30.00	PASS
	total	5785	90.67	0.43	16.77	≤30.00	PASS
	Ant1	5825	90.67	0.43	13.7	≤30.00	PASS
	Ant2	5825	90.67	0.43	13.8	≤30.00	PASS
	total	5825	90.67	0.43	16.76	≤30.00	PASS
11AC40MIMO	Ant1	5190	85.37	0.69	14.75	≤23.98	PASS
	Ant2	5190	85.37	0.69	16.06	≤23.98	PASS
	total	5190	85.37	0.69	18.46	≤23.98	PASS
	Ant1	5230	85.37	0.69	15.32	≤23.98	PASS

	Ant2	5230	85.37	0.69	16.06	≤23.98	PASS
	total	5230	85.37	0.69	18.72	≤23.98	PASS
	Ant1	5755	85.37	0.69	11.27	≤30.00	PASS
	Ant2	5755	85.37	0.69	11.86	≤30.00	PASS
	total	5755	85.37	0.69	14.59	≤30.00	PASS
	Ant1	5795	85.37	0.69	11.5	≤30.00	PASS
	Ant2	5795	85.37	0.69	11.84	≤30.00	PASS
	total	5795	85.37	0.69	14.68	≤30.00	PASS
11AC80MIMO	Ant1	5210	75	1.25	14.84	≤23.98	PASS
	Ant2	5210	75	1.25	15.98	≤23.98	PASS
	total	5210	75	1.25	18.46	≤23.98	PASS
	Ant1	5775	75	1.25	11.16	≤30.00	PASS
	Ant2	5775	75	1.25	11.65	≤30.00	PASS
	total	5775	75	1.25	14.42	≤30.00	PASS

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

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Test Mode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Power[dBm]	Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
11A	Ant1	5180	95.86	0.18	17.12	---	17.14	22.55	PASS
	Ant2	5180	95.86	0.18	17.06	---	17.08	22.33	PASS
	Ant1	5220	95.86	0.18	17.56	---	17.58	22.57	PASS
	Ant2	5220	95.86	0.18	17.41	---	17.43	22.33	PASS
	Ant1	5240	95.86	0.18	17.66	---	17.68	22.61	PASS
	Ant2	5240	95.86	0.18	17.63	---	17.65	22.35	PASS
	Ant1	5745	95.86	0.18	13.6	30.00	13.62	---	PASS
	Ant2	5745	95.86	0.18	14.46	30.00	14.48	---	PASS
	Ant1	5785	95.86	0.18	14.1	30.00	14.12	---	PASS
	Ant2	5785	95.86	0.18	14.42	30.00	14.44	---	PASS
	Ant1	5825	95.86	0.18	14.12	30.00	14.14	---	PASS
	Ant2	5825	95.86	0.18	14.38	30.00	14.4	---	PASS
11N20MIMO	Ant1	5180	94.89	0.23	14.57	---	14.59	22.55	PASS
	Ant2	5180	94.89	0.23	15.69	---	15.71	22.49	PASS
	total	5180	94.89	0.23	18.18	---	18.2	22.55	PASS

	Ant1	5220	94.8 9	0.23	14.99	---	15.01	22.55	PASS
	Ant2	5220	94.8 9	0.23	15.8	---	15.82	22.50	PASS
	total	5220	94.8 9	0.23	18.42	---	18.44	22.55	PASS
	Ant1	5240	94.8 9	0.23	15.06	---	15.08	22.57	PASS
	Ant2	5240	94.8 9	0.23	15.78	---	15.8	22.49	PASS
	total	5240	94.8 9	0.23	18.45	---	18.47	22.57	PASS
	Ant1	5745	94.8 9	0.23	13.53	30	13.55	---	PASS
	Ant2	5745	94.8 9	0.23	14.37	30	14.39	---	PASS
	total	5745	94.8 9	0.23	16.98	30	17	---	PASS
	Ant1	5785	94.8 9	0.23	13.96	30	13.98	---	PASS
	Ant2	5785	94.8 9	0.23	14.38	30	14.4	---	PASS
	total	5785	94.8 9	0.23	17.19	30	17.21	---	PASS
	Ant1	5825	94.8 9	0.23	13.59	30	13.61	---	PASS
	Ant2	5825	94.8 9	0.23	13.94	30	13.96	---	PASS
	total	5825	94.8 9	0.23	16.78	30	16.8	---	PASS
11N40MIMO	Ant1	5190	91.4 3	0.39	14.6	---	14.62	23.01	PASS
	Ant2	5190	91.4 3	0.39	15.85	---	15.87	23.01	PASS
	total	5190	91.4 3	0.39	18.28	---	18.3	23.01	PASS

	Ant1	5230	91.4 3	0.39	15.23	---	15.25	23.01	PASS
	Ant2	5230	91.4 3	0.39	15.92	---	15.94	23.01	PASS
	total	5230	91.4 3	0.39	18.6	---	18.62	23.01	PASS
	Ant1	5755	91.4 3	0.39	11.7	30.00	11.72	---	PASS
	Ant2	5755	91.4 3	0.39	12.37	30.00	12.39	---	PASS
	total	5755	91.4 3	0.39	15.06	30.00	15.08	---	PASS
	Ant1	5795	91.4 3	0.39	12.03	30.00	12.05	---	PASS
	Ant2	5795	91.4 3	0.39	12.37	30.00	12.39	---	PASS
	total	5795	91.4 3	0.39	15.21	30.00	15.23	---	PASS
11AC20MIM O	Ant1	5180	90.6 7	0.43	14.7	---	14.72	22.56	PASS
	Ant2	5180	90.6 7	0.43	15.74	---	15.76	22.49	PASS
	total	5180	90.6 7	0.43	18.26	---	18.28	22.56	PASS
	Ant1	5220	90.6 7	0.43	15.16	---	15.18	22.55	PASS
	Ant2	5220	90.6 7	0.43	15.87	---	15.89	22.49	PASS
	total	5220	90.6 7	0.43	18.54	---	18.56	22.55	PASS
	Ant1	5240	90.6 7	0.43	15.2	---	15.22	22.57	PASS
	Ant2	5240	90.6 7	0.43	15.93	---	15.95	22.49	PASS
	total	5240	90.6 7	0.43	18.59	---	18.61	22.57	PASS

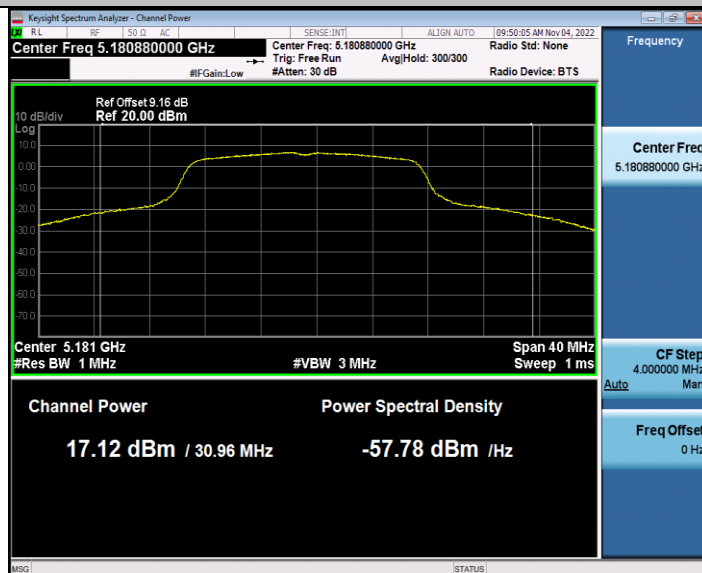
	Ant1	5745	90.6 7	0.43	13.19	30	13.21	---	PASS
	Ant2	5745	90.6 7	0.43	13.9	30	13.92	---	PASS
	total	5745	90.6 7	0.43	16.57	30	16.59	---	PASS
	Ant1	5785	90.6 7	0.43	13.59	30	13.61	---	PASS
	Ant2	5785	90.6 7	0.43	13.93	30	13.95	---	PASS
	total	5785	90.6 7	0.43	16.77	30	16.79	---	PASS
	Ant1	5825	90.6 7	0.43	13.7	30	13.72	---	PASS
	Ant2	5825	90.6 7	0.43	13.8	30	13.82	---	PASS
	total	5825	90.6 7	0.43	16.76	30	16.78	---	PASS
11AC40MIM O	Ant1	5190	85.3 7	0.69	14.75	---	14.77	23.01	PASS
	Ant2	5190	85.3 7	0.69	16.06	---	16.08	23.01	PASS
	total	5190	85.3 7	0.69	18.46	---	18.48	23.01	PASS
	Ant1	5230	85.3 7	0.69	15.32	---	15.34	23.01	PASS
	Ant2	5230	85.3 7	0.69	16.06	---	16.08	23.01	PASS
	total	5230	85.3 7	0.69	18.72	---	18.74	23.01	PASS
	Ant1	5755	85.3 7	0.69	11.27	30	11.29	---	PASS
	Ant2	5755	85.3 7	0.69	11.86	30	11.88	---	PASS
	total	5755	85.3 7	0.69	14.59	30	14.61	---	PASS

	Ant1	5795	85.3 7	0.69	11.5	30	11.52	---	PASS
	Ant2	5795	85.3 7	0.69	11.84	30	11.86	---	PASS
	total	5795	85.3 7	0.69	14.68	30	14.7	---	PASS
11AC80MIM O	Ant1	5210	75	1.25	14.84	---	14.86	23.01	PASS
	Ant2	5210	75	1.25	15.98	---	16	23.01	PASS
	total	5210	75	1.25	18.46	---	18.48	23.01	PASS
	Ant1	5775	75	1.25	11.16	30	11.18	---	PASS
	Ant2	5775	75	1.25	11.65	30	11.67	---	PASS
	total	5775	75	1.25	14.42	30	14.44	---	PASS

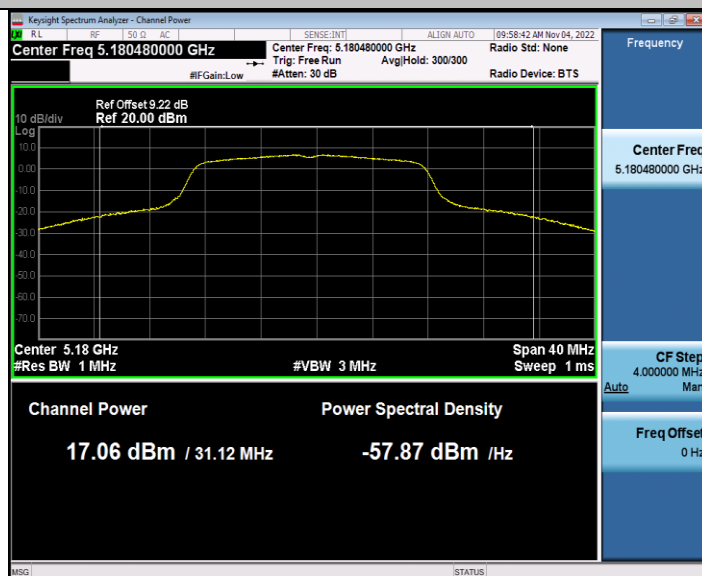
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

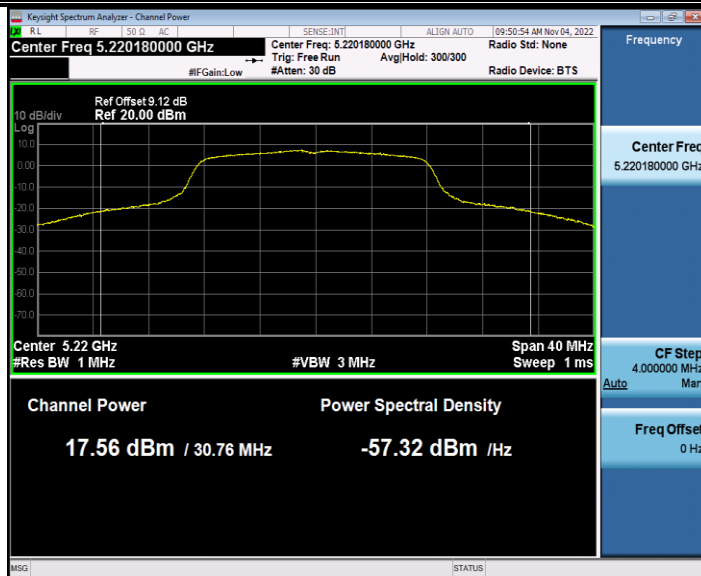
11A_Ant1_5180



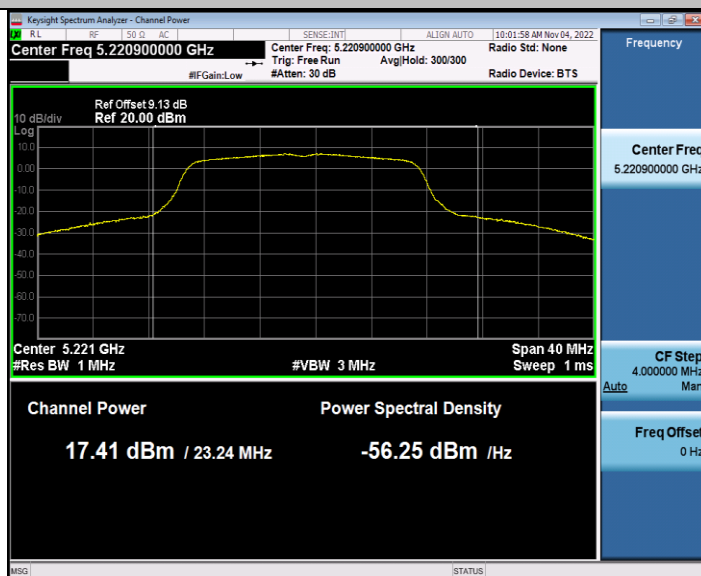
11A_Ant2_5180



11A_Ant1_5220



11A_Ant2_5220



11A_Ant1_5240



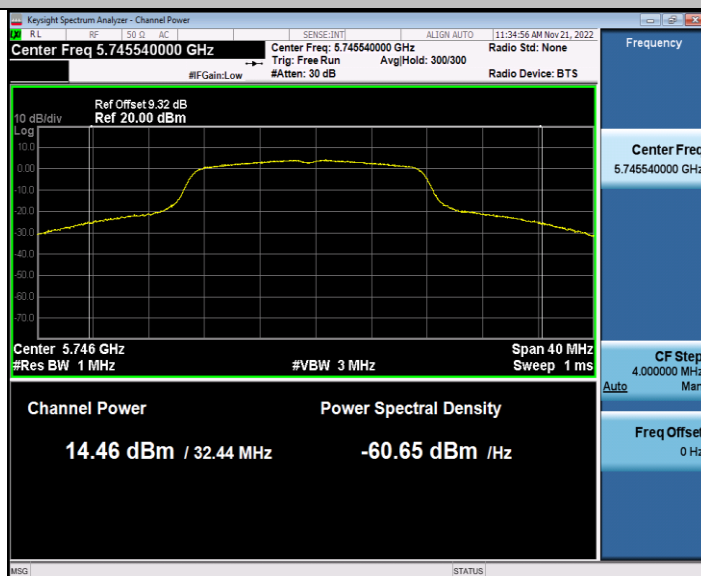
11A_Ant2_5240



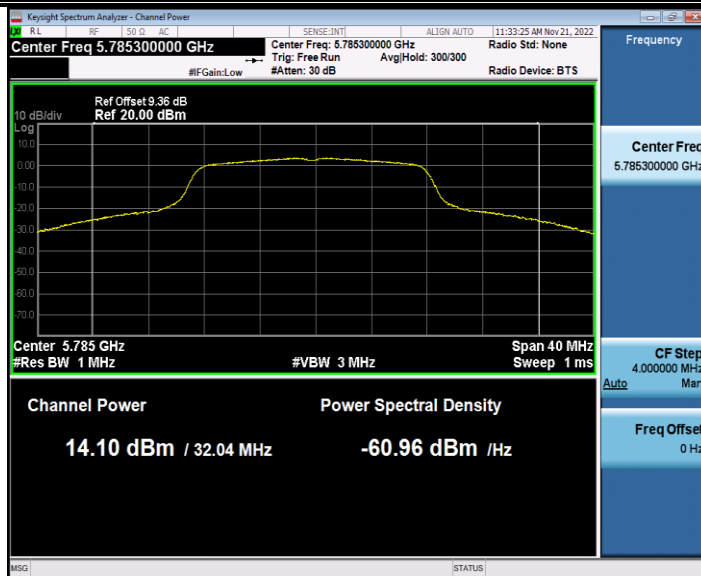
11A_Ant1_5745



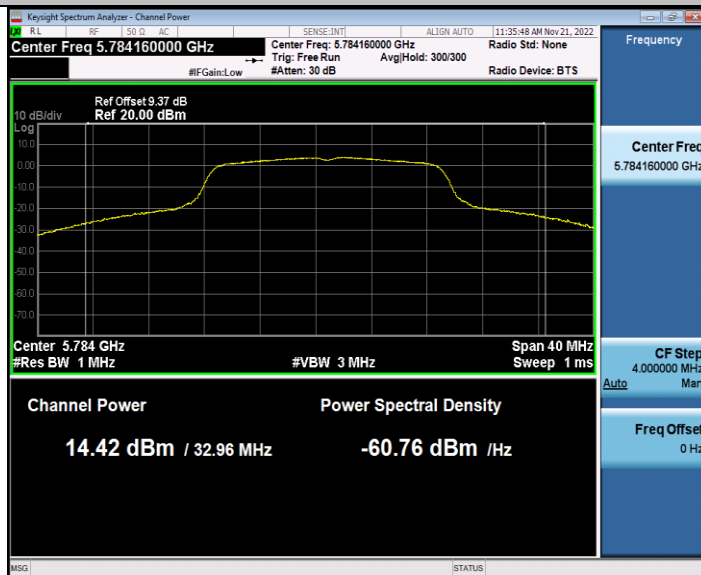
11A_Ant2_5745



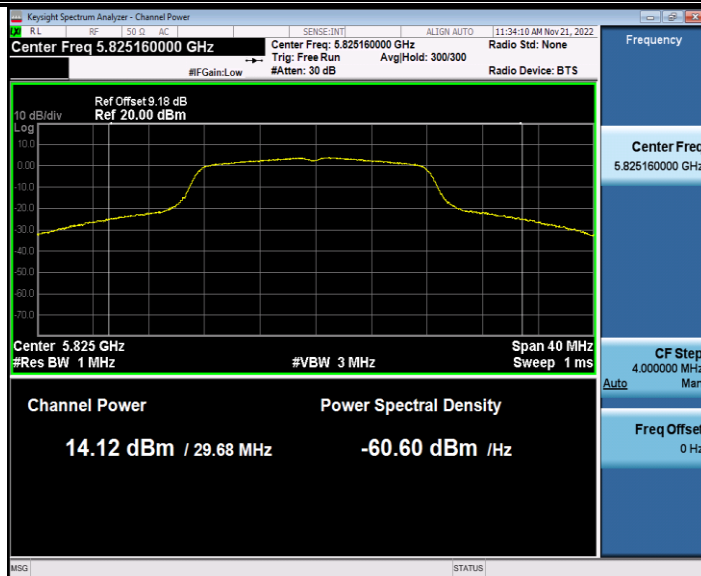
11A_Ant1_5785



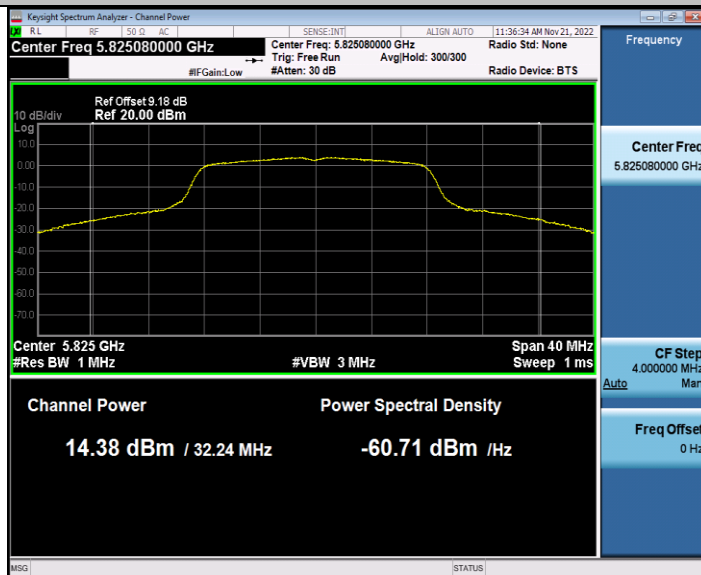
11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



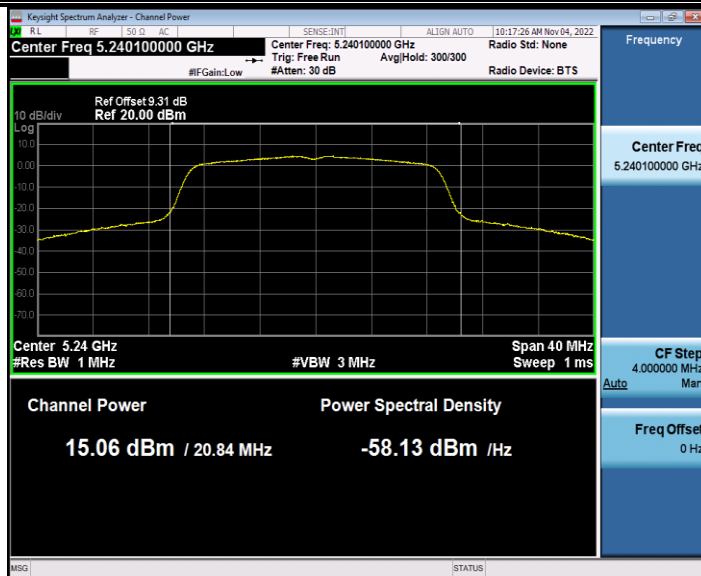
11N20MIMO_Ant1_5220



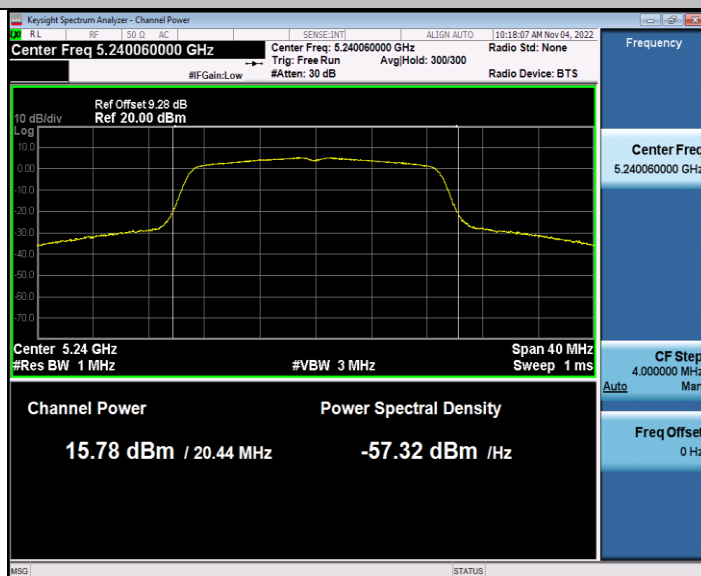
11N20MIMO_Ant2_5220



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



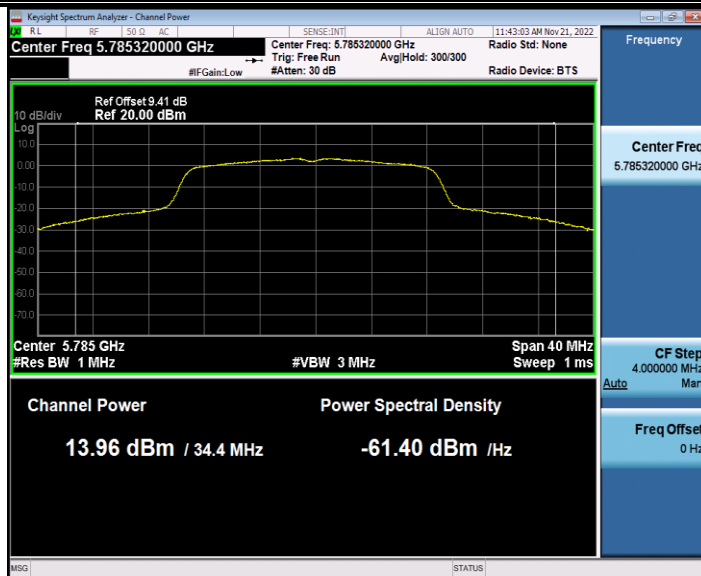
11N20MIMO_Ant1_5745



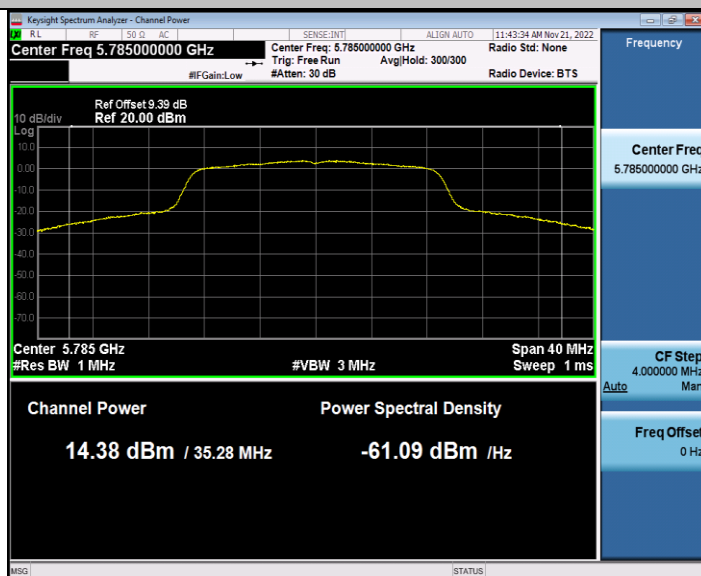
11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



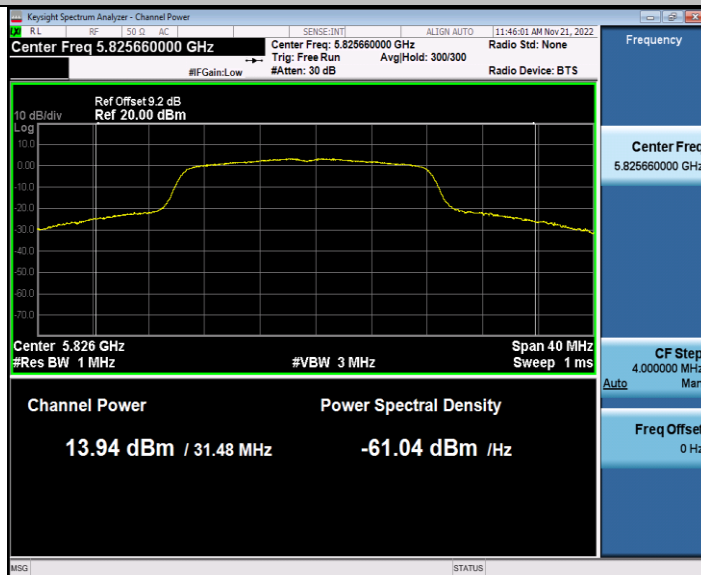
11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



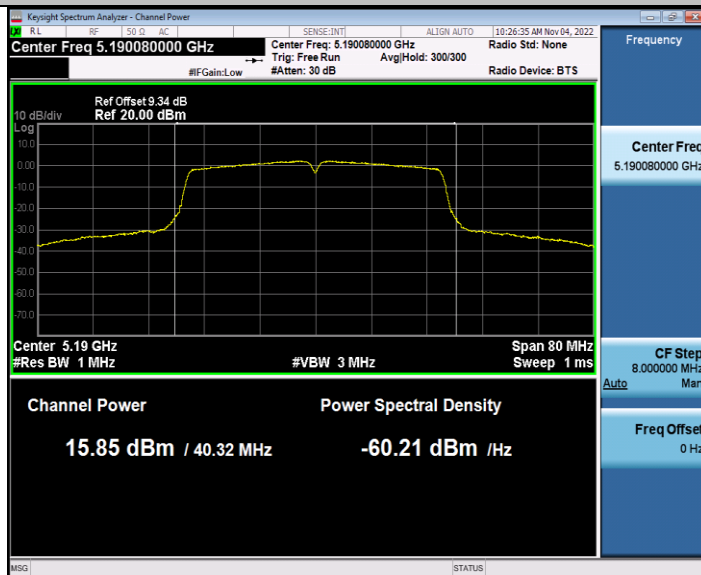
11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



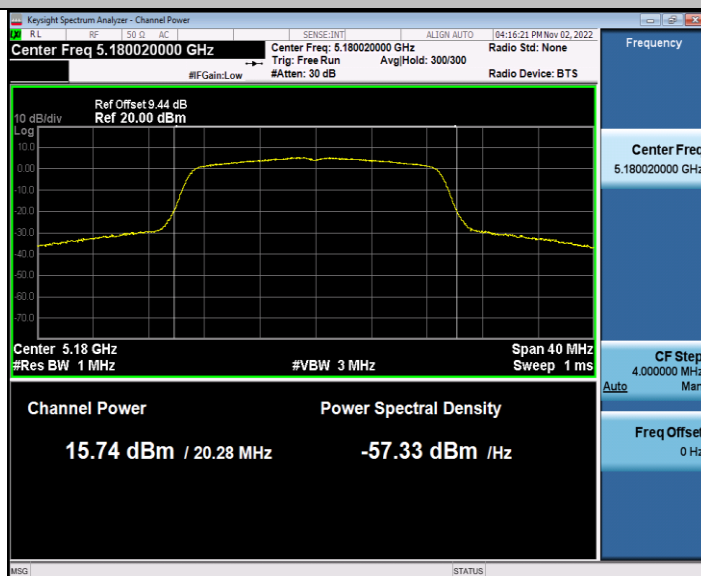
11N40MIMO_Ant2_5795



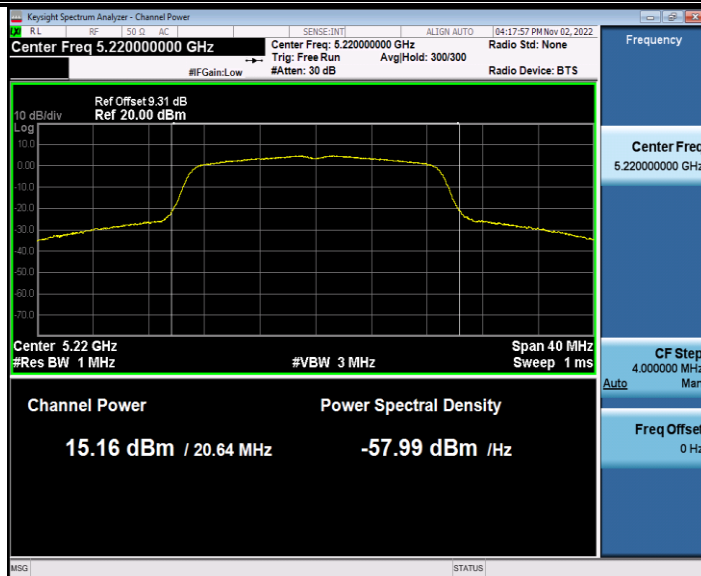
11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



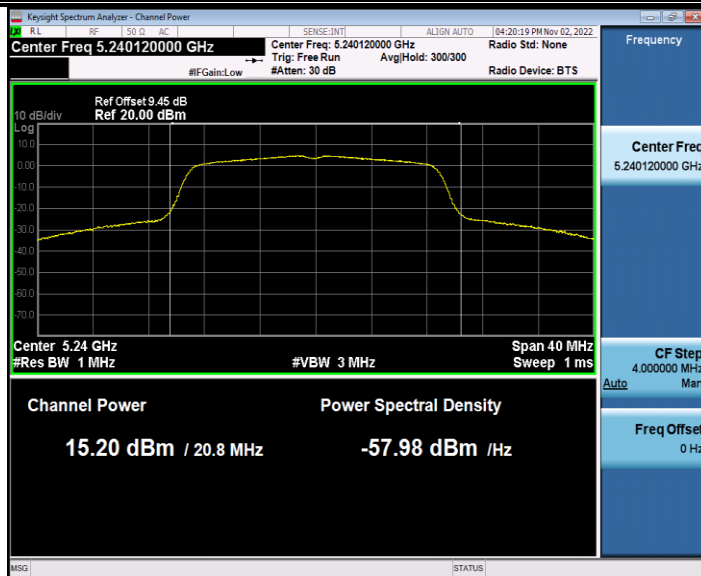
11AC20MIMO_Ant1_5220



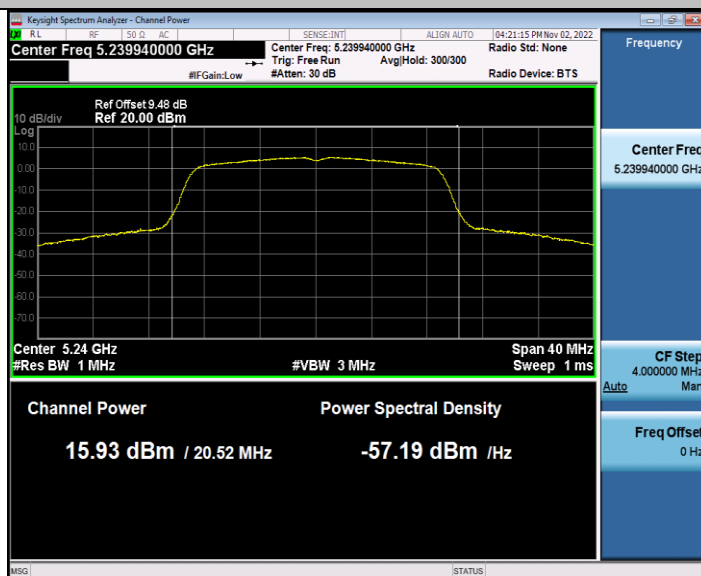
11AC20MIMO_Ant2_5220



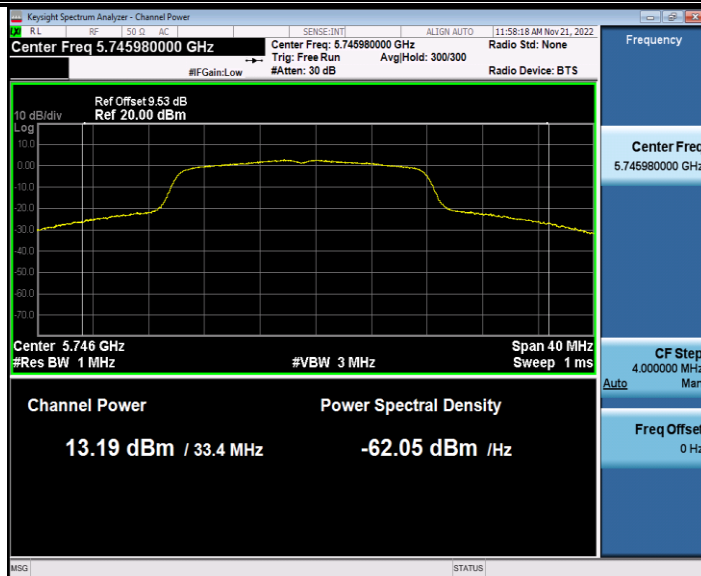
11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745



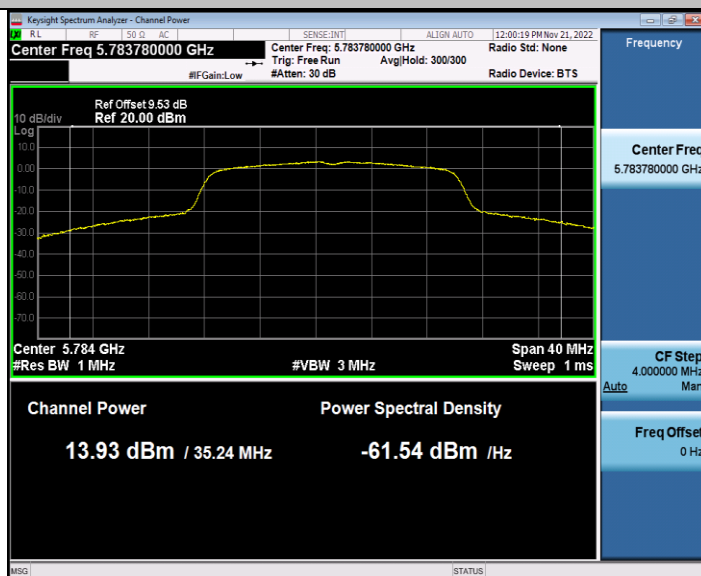
11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190