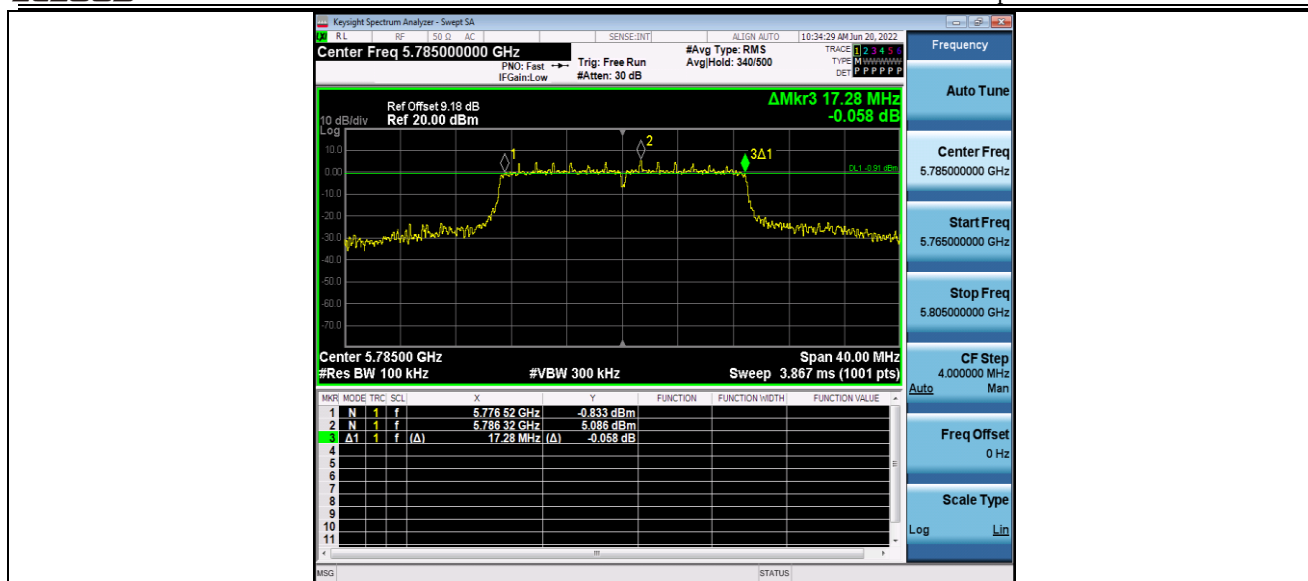
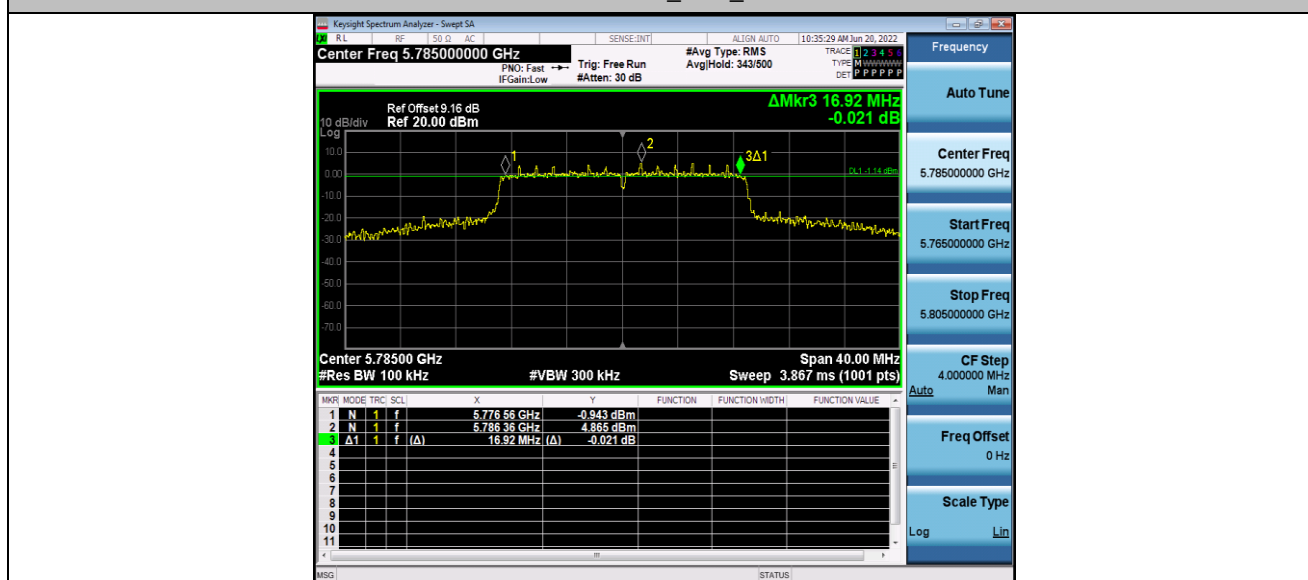
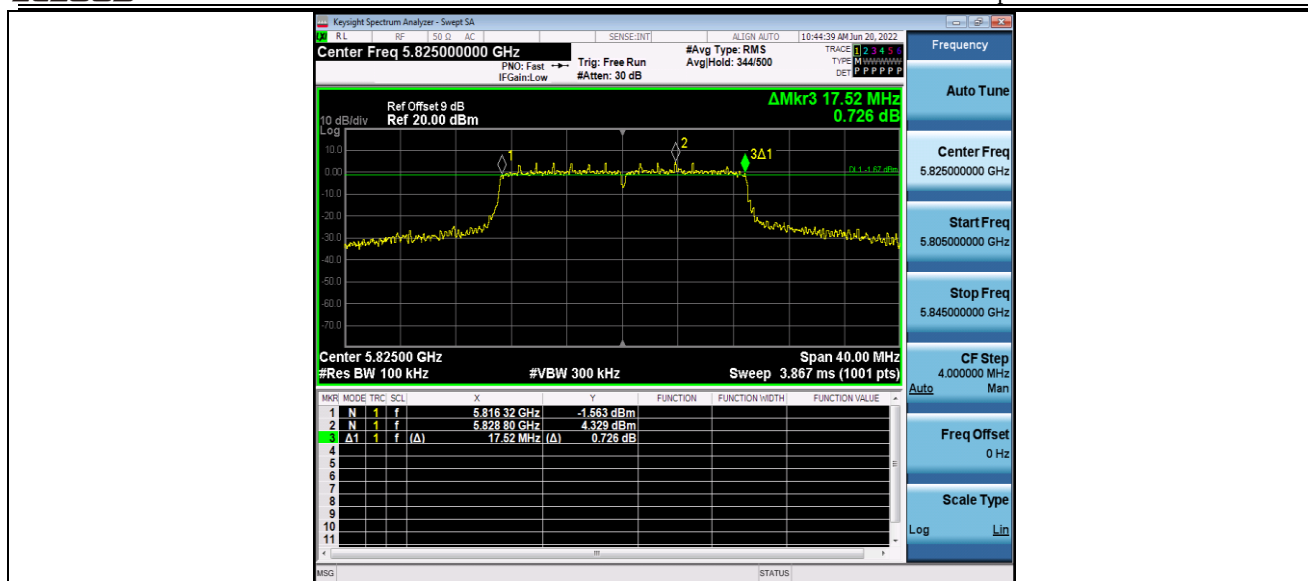




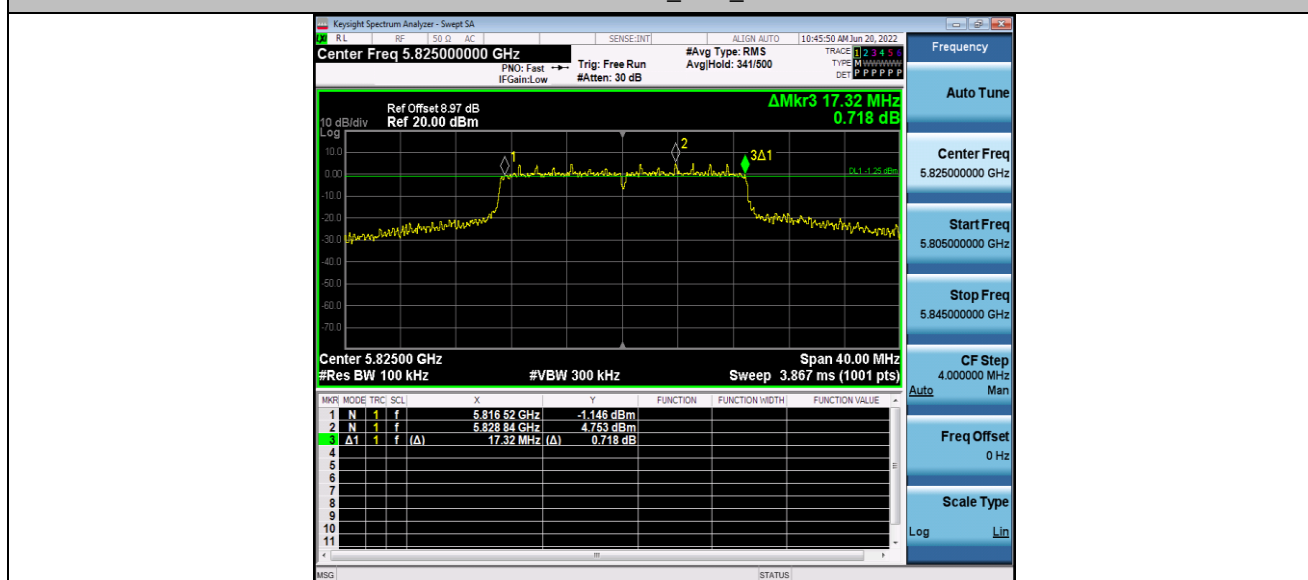
11N20MIMO_Ant2_5785



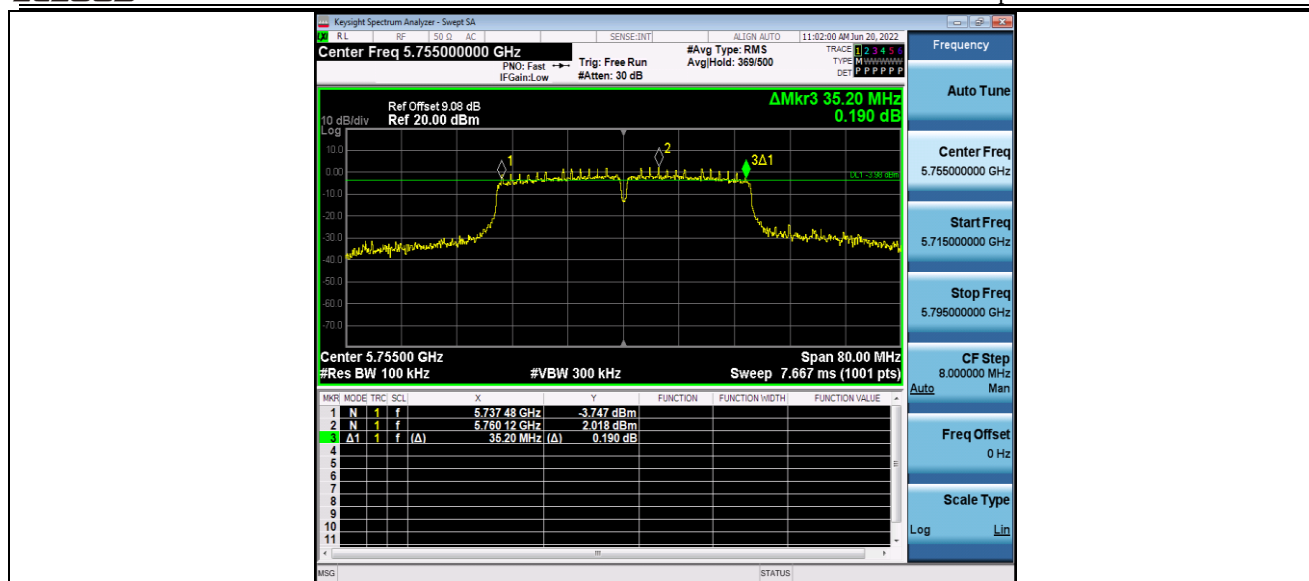
11N20MIMO_Ant1_5825



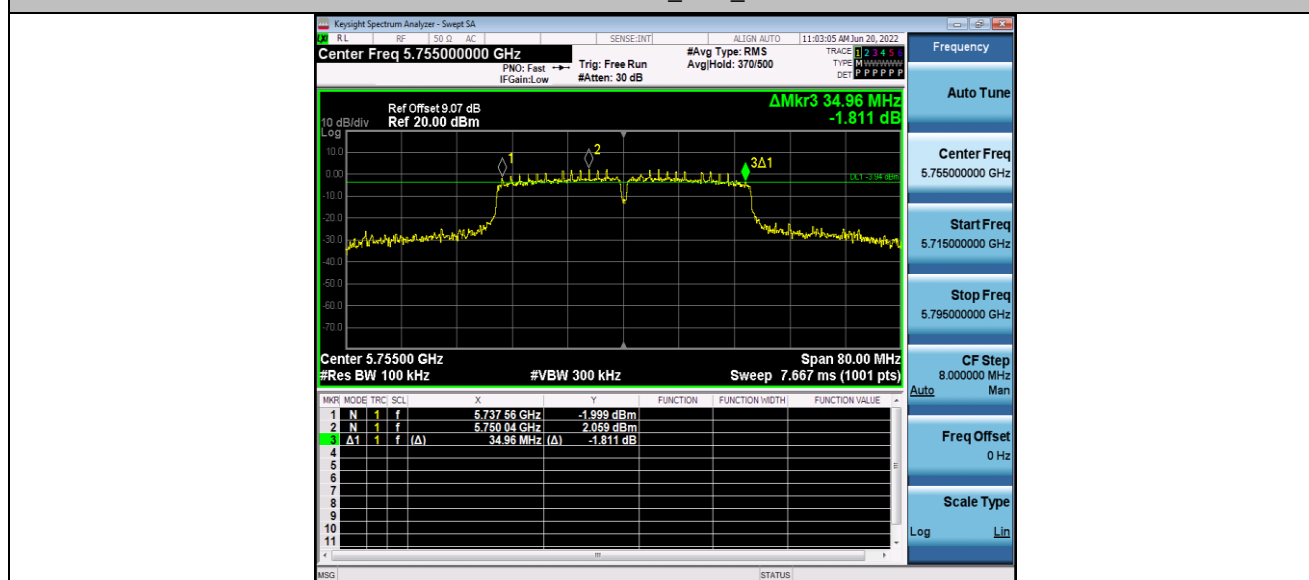
11N20MIMO_Ant2_5825



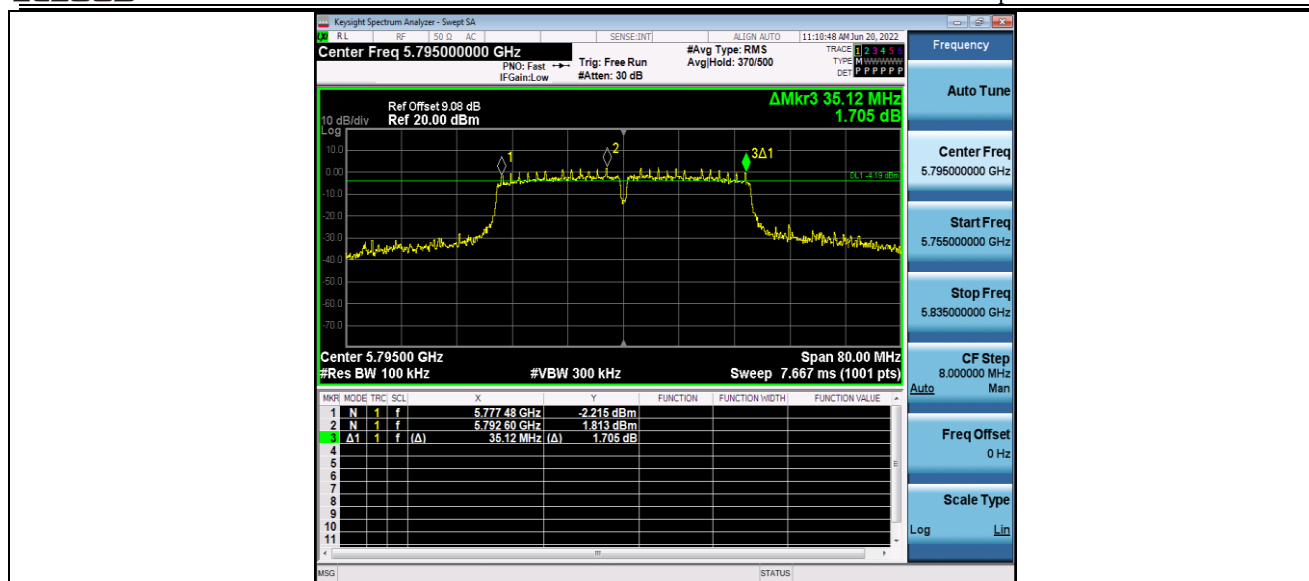
11N40MIMO_Ant1_5755



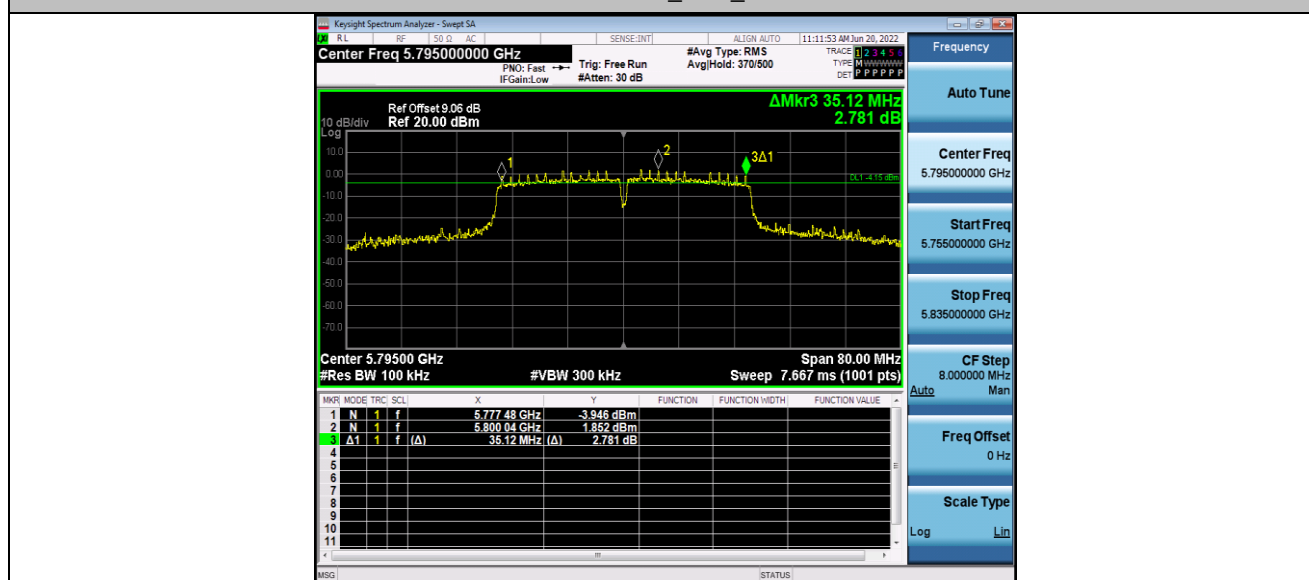
11N40MIMO_Ant2_5755



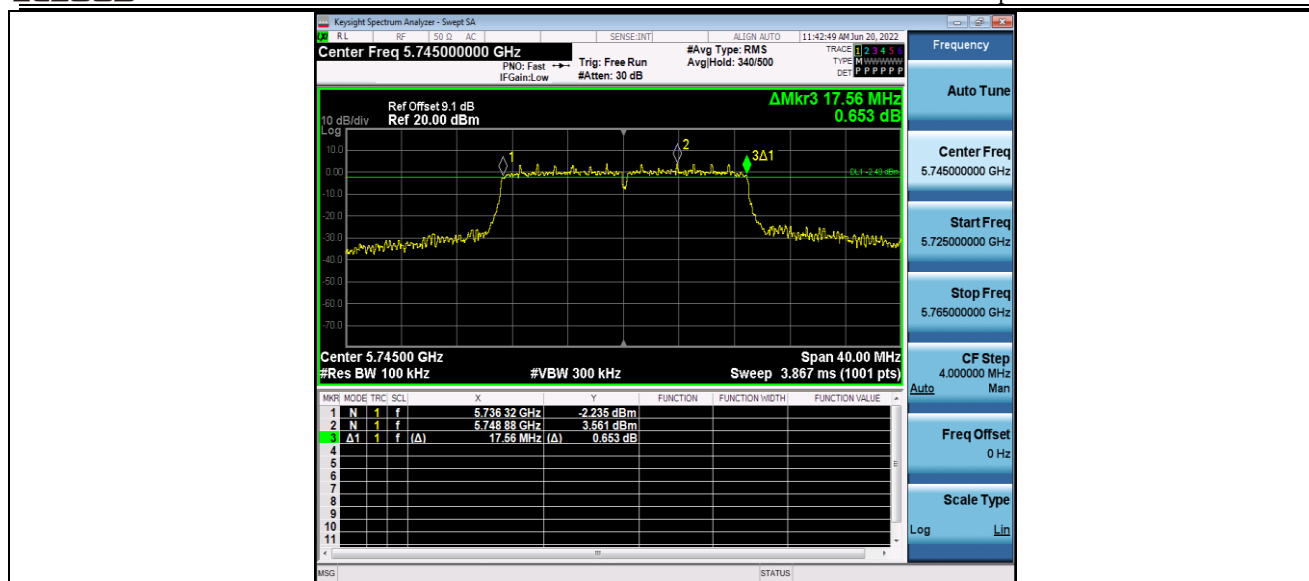
11N40MIMO_Ant1_5795



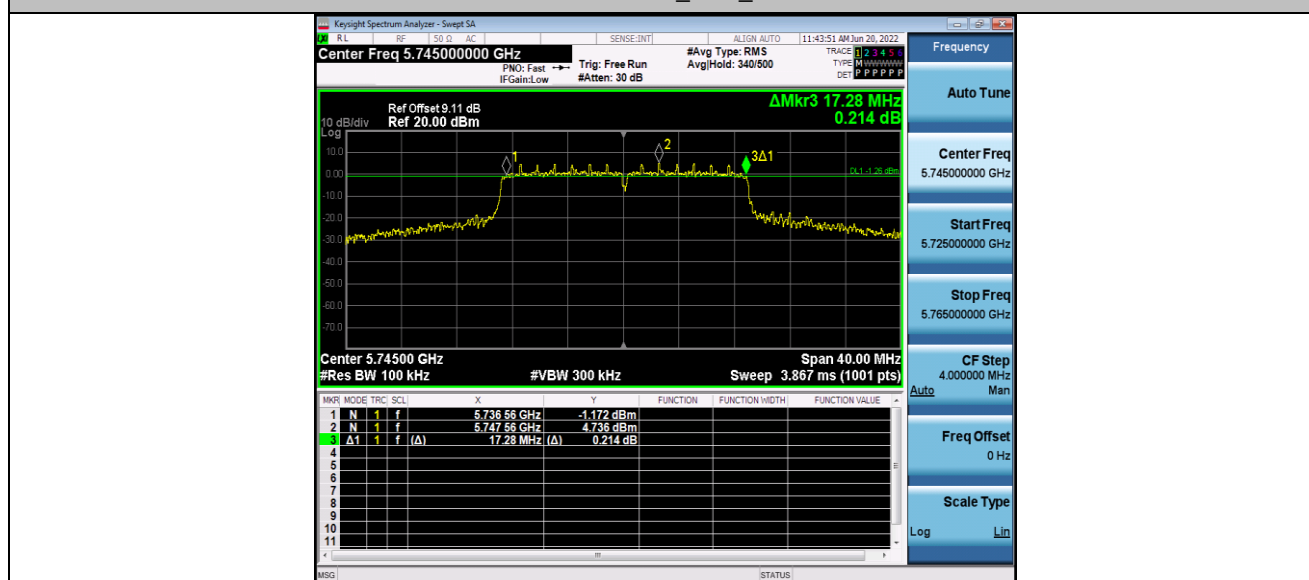
11N40MIMO_Ant2_5795



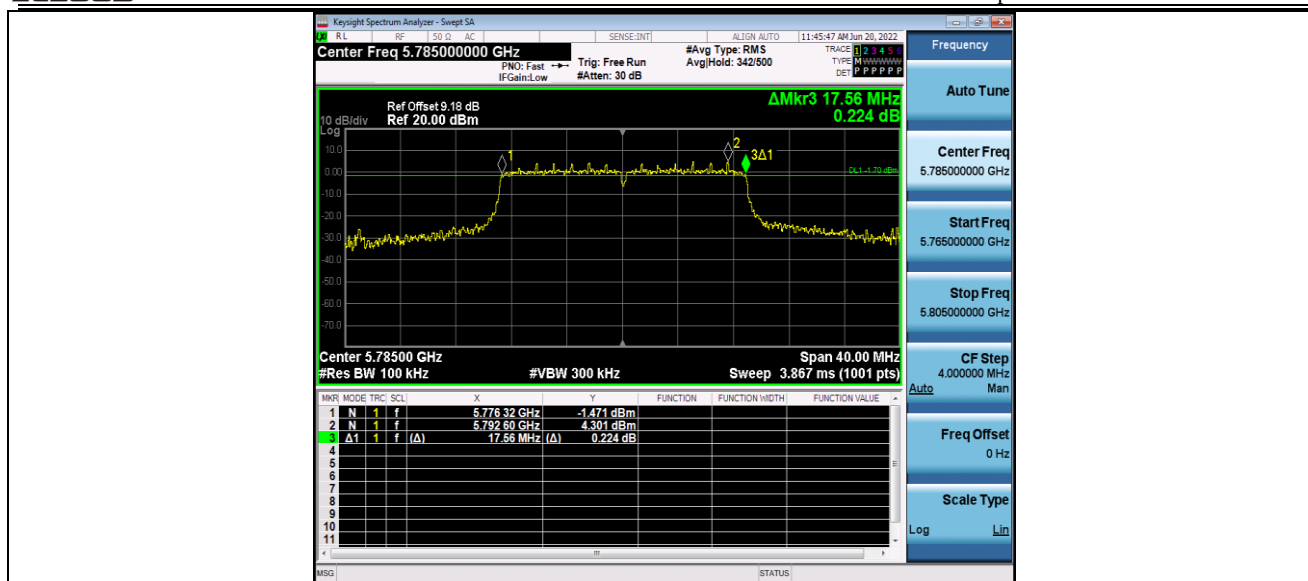
11AC20MIMO_Ant1_5745



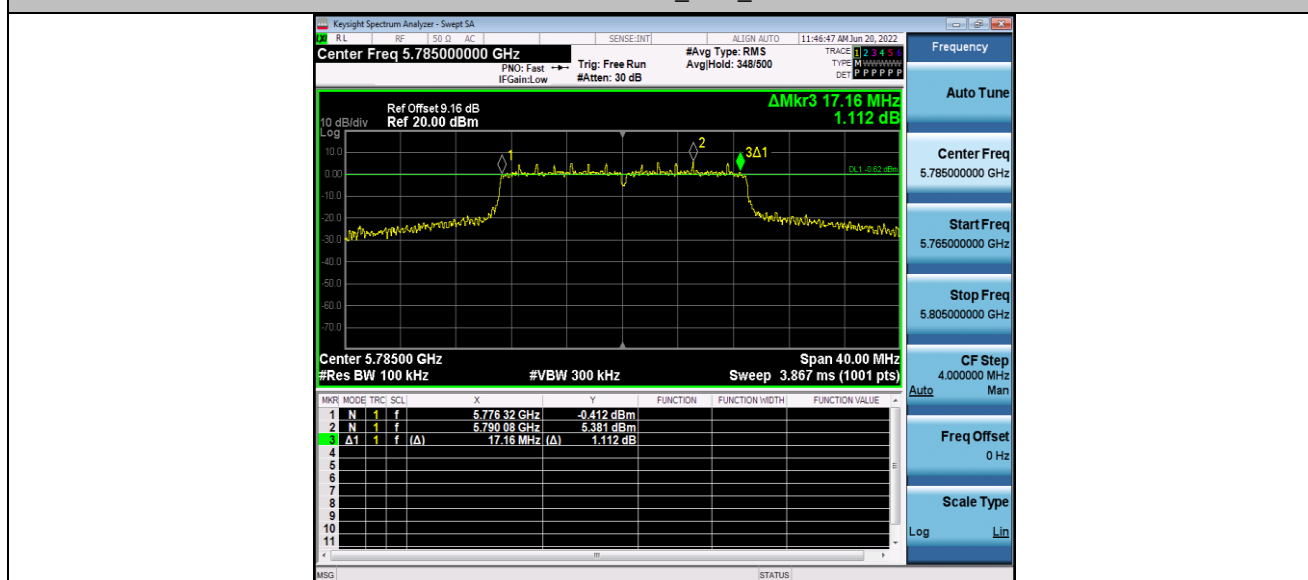
11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



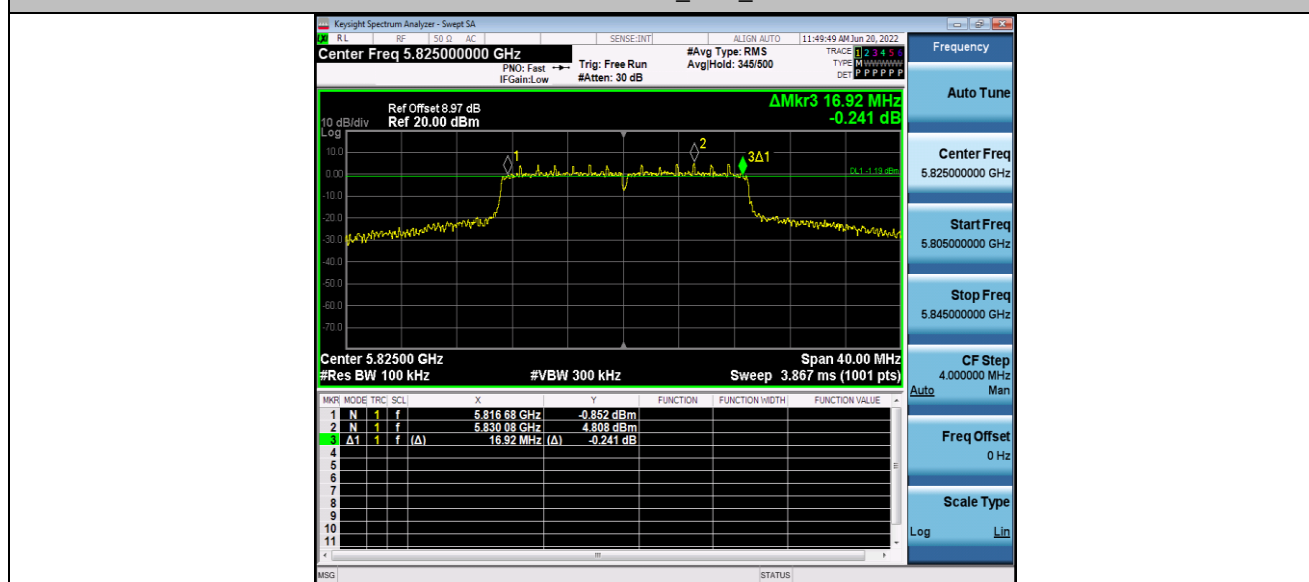
11AC20MIMO_Ant2_5785



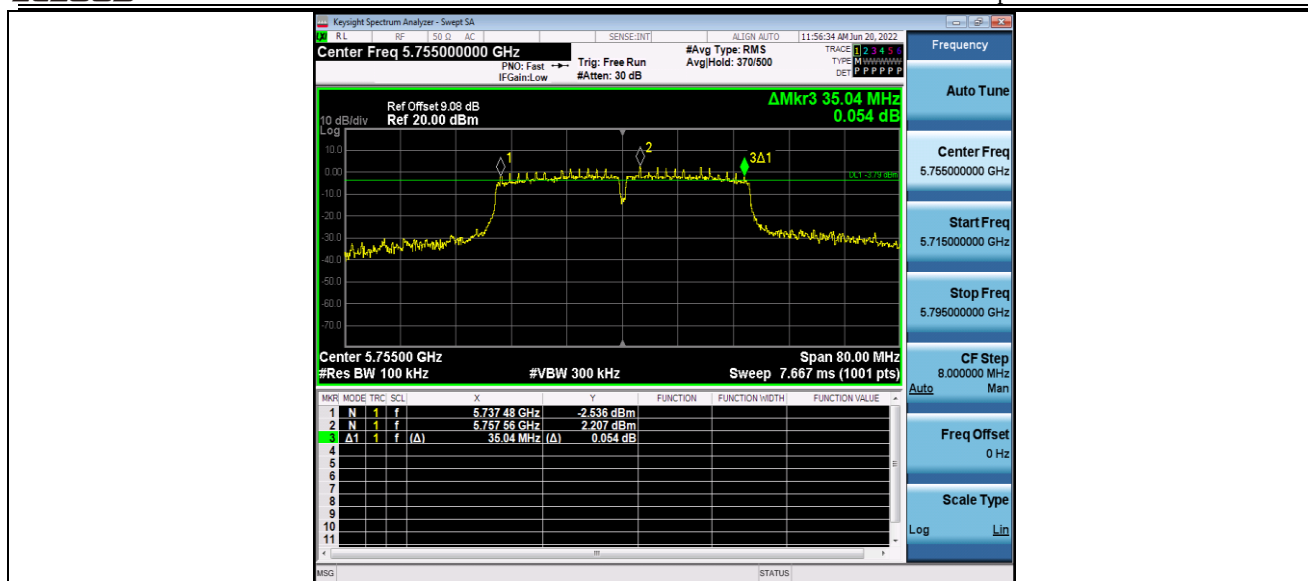
11AC20MIMO_Ant1_5825



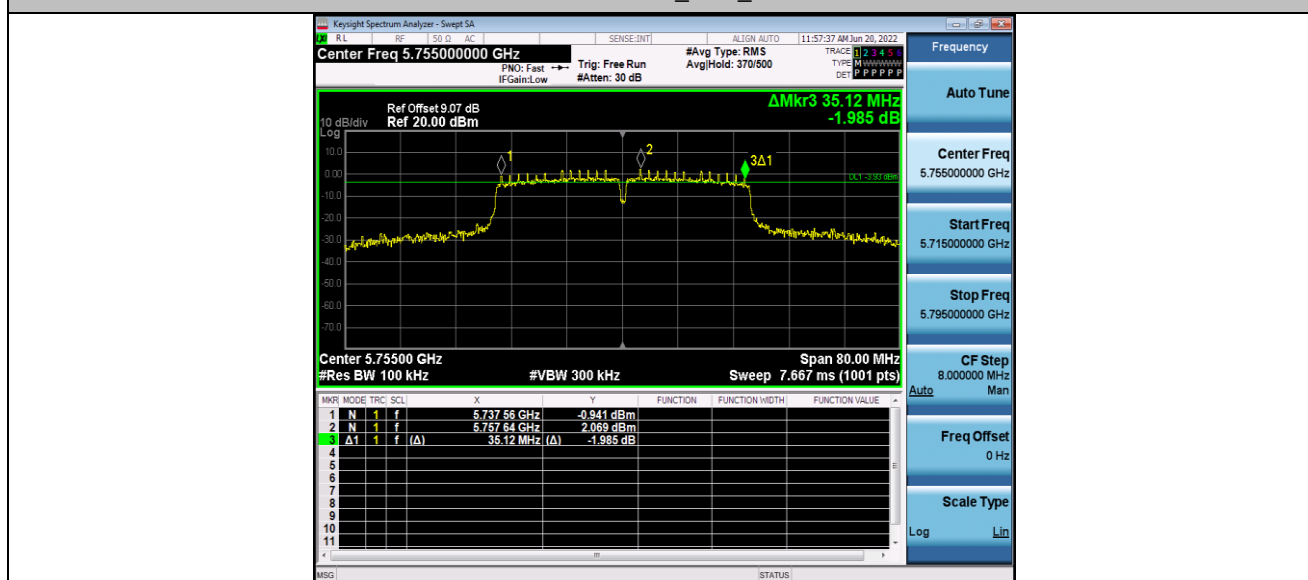
11AC20MIMO_Ant2_5825



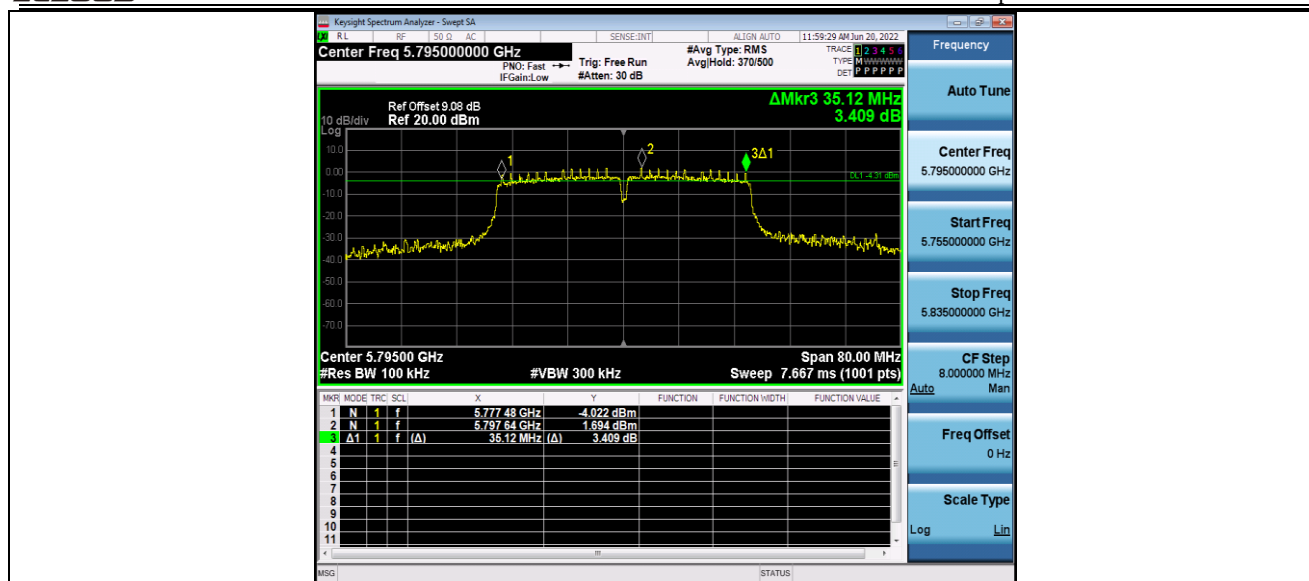
11AC40MIMO_Ant1_5755



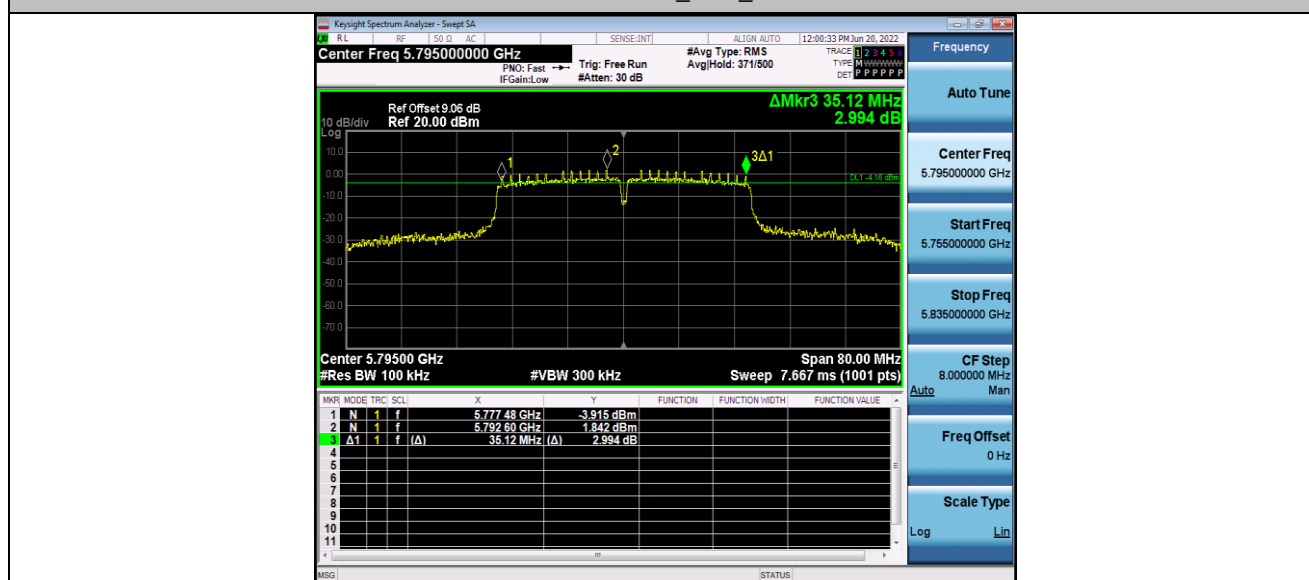
11AC40MIMO_Ant2_5755



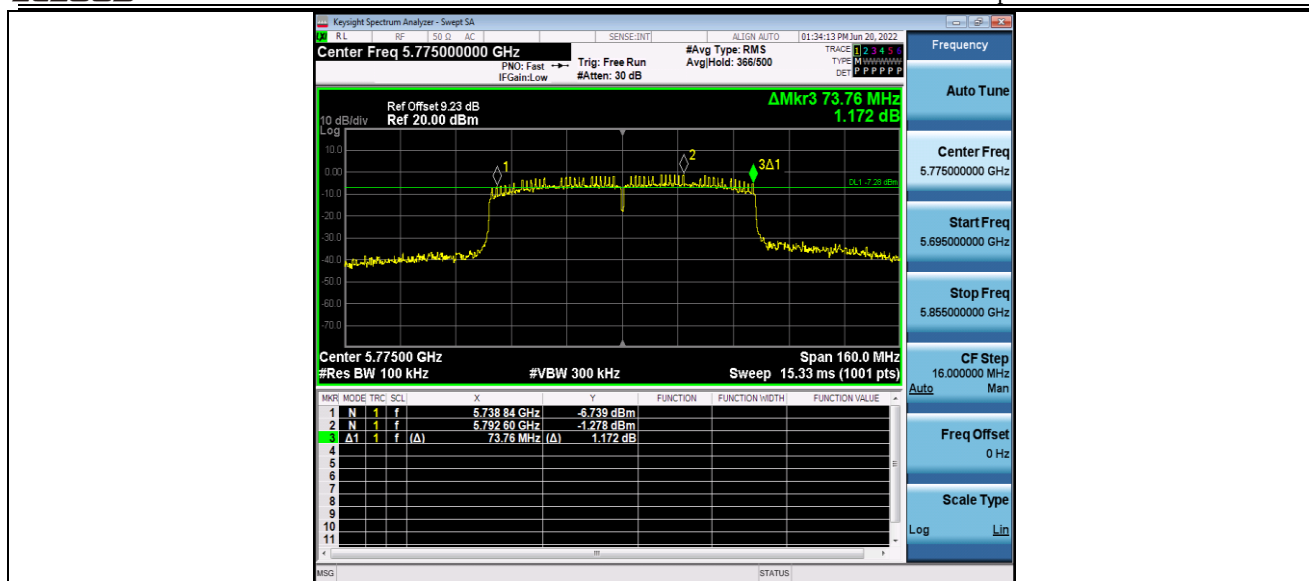
11AC40MIMO_Ant1_5795



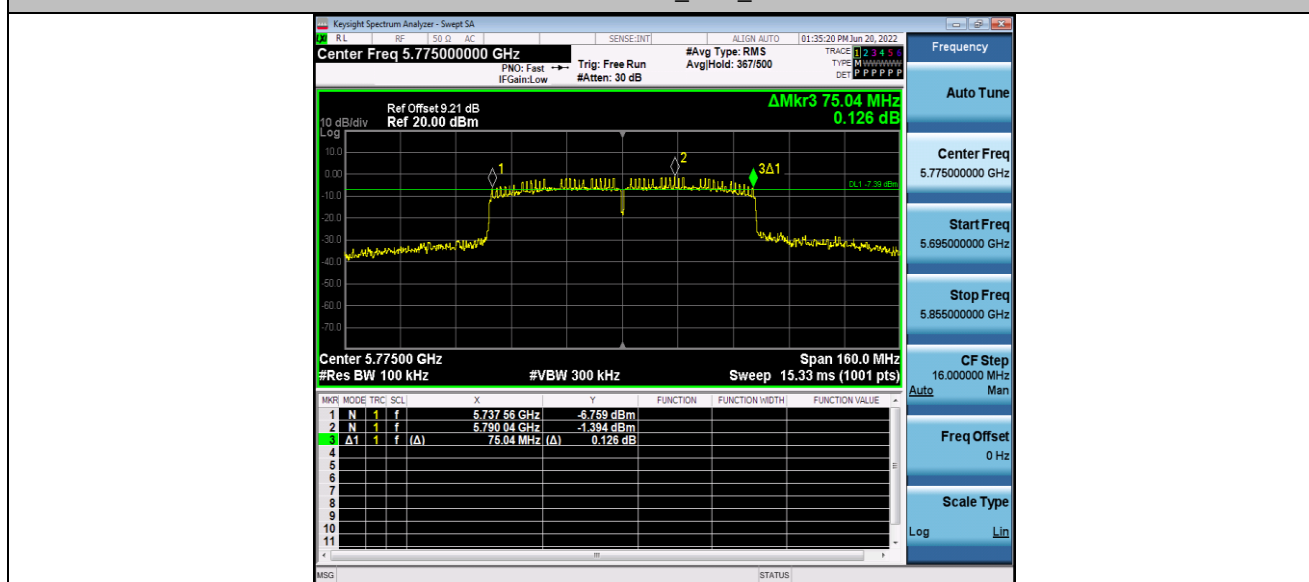
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix B1: Maximum conducted output power

Test Result

FCC Access Point

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	90	0.46	16.68	≤30.00	PASS
	Ant2	5180	90	0.46	16.68	≤30.00	PASS
	Ant1	5220	90	0.46	16.69	≤30.00	PASS
	Ant2	5220	90	0.46	16.66	≤30.00	PASS
	Ant1	5240	90	0.46	16.3	≤30.00	PASS
	Ant2	5240	90	0.46	16.61	≤30.00	PASS
	Ant1	5745	90	0.46	17.01	≤30.00	PASS
	Ant2	5745	90	0.46	16.37	≤30.00	PASS
	Ant1	5785	90	0.46	17.02	≤30.00	PASS
	Ant2	5785	90	0.46	16.96	≤30.00	PASS
	Ant1	5825	90	0.46	17.42	≤30.00	PASS
	Ant2	5825	90	0.46	16.13	≤30.00	PASS
11N20MIMO	Ant1	5180	91	0.41	14.99	≤30.00	PASS
	Ant2	5180	91	0.41	15.3	≤30.00	PASS
	total	5180	91	0.41	18.16	≤30.00	PASS
	Ant1	5220	91	0.41	15	≤30.00	PASS
	Ant2	5220	91	0.41	14.95	≤30.00	PASS
	total	5220	91	0.41	17.99	≤30.00	PASS
	Ant1	5240	91	0.41	15.2	≤30.00	PASS
	Ant2	5240	91	0.41	15.07	≤30.00	PASS
	total	5240	91	0.41	18.15	≤30.00	PASS
	Ant1	5745	91	0.41	15.36	≤30.00	PASS
	Ant2	5745	91	0.41	15.29	≤30.00	PASS
	total	5745	91	0.41	18.34	≤30.00	PASS
	Ant1	5785	91	0.41	15.82	≤30.00	PASS
	Ant2	5785	91	0.41	15.45	≤30.00	PASS
	total	5785	91	0.41	18.65	≤30.00	PASS
	Ant1	5825	91	0.41	15.63	≤30.00	PASS

	Ant2	5825	91	0.41	15.74	≤30.00	PASS
	total	5825	91	0.41	18.7	≤30.00	PASS
11N40MIMO	Ant1	5190	81.03	0.91	15.7	≤30.00	PASS
	Ant2	5190	81.03	0.91	16.13	≤30.00	PASS
	total	5190	81.03	0.91	18.93	≤30.00	PASS
	Ant1	5230	81.03	0.91	15.84	≤30.00	PASS
	Ant2	5230	81.03	0.91	15.51	≤30.00	PASS
	total	5230	81.03	0.91	18.69	≤30.00	PASS
	Ant1	5755	81.03	0.91	15.78	≤30.00	PASS
	Ant2	5755	81.03	0.91	15.76	≤30.00	PASS
	total	5755	81.03	0.91	18.78	≤30.00	PASS
	Ant1	5795	81.03	0.91	15.69	≤30.00	PASS
	Ant2	5795	81.03	0.91	15.64	≤30.00	PASS
	total	5795	81.03	0.91	18.68	≤30.00	PASS
11AC20MIMO	Ant1	5180	88.53	0.53	14.93	≤30.00	PASS
	Ant2	5180	88.53	0.53	15.05	≤30.00	PASS
	total	5180	88.53	0.53	18	≤30.00	PASS
	Ant1	5220	88.53	0.53	14.98	≤30.00	PASS
	Ant2	5220	88.53	0.53	14.96	≤30.00	PASS
	total	5220	88.53	0.53	17.98	≤30.00	PASS
	Ant1	5240	88.53	0.53	15.44	≤30.00	PASS
	Ant2	5240	88.53	0.53	15.08	≤30.00	PASS
	total	5240	88.53	0.53	18.27	≤30.00	PASS
	Ant1	5745	88.53	0.53	15.25	≤30.00	PASS
	Ant2	5745	88.53	0.53	15.82	≤30.00	PASS
	total	5745	88.53	0.53	18.55	≤30.00	PASS
	Ant1	5785	88.53	0.53	15.95	≤30.00	PASS
	Ant2	5785	88.53	0.53	16.14	≤30.00	PASS
	total	5785	88.53	0.53	19.06	≤30.00	PASS
	Ant1	5825	88.53	0.53	15.68	≤30.00	PASS
	Ant2	5825	88.53	0.53	15.63	≤30.00	PASS
	total	5825	88.53	0.53	18.67	≤30.00	PASS
11AC40MIMO	Ant1	5190	81.2	0.90	15.78	≤30.00	PASS
	Ant2	5190	81.2	0.90	16.19	≤30.00	PASS
	total	5190	81.2	0.90	19	≤30.00	PASS

	Ant1	5230	81.2	0.90	15.84	≤30.00	PASS
	Ant2	5230	81.2	0.90	15.45	≤30.00	PASS
	total	5230	81.2	0.90	18.66	≤30.00	PASS
	Ant1	5755	81.2	0.90	15.81	≤30.00	PASS
	Ant2	5755	81.2	0.90	15.76	≤30.00	PASS
	total	5755	81.2	0.90	18.8	≤30.00	PASS
	Ant1	5795	81.2	0.90	15.61	≤30.00	PASS
	Ant2	5795	81.2	0.90	15.51	≤30.00	PASS
	total	5795	81.2	0.90	18.57	≤30.00	PASS
11AC80MIMO	Ant1	5210	65.71	1.82	15.04	≤30.00	PASS
	Ant2	5210	65.71	1.82	15.39	≤30.00	PASS
	total	5210	65.71	1.82	18.23	≤30.00	PASS
	Ant1	5775	65.71	1.82	15.38	≤30.00	PASS
	Ant2	5775	65.71	1.82	15.09	≤30.00	PASS
	total	5775	65.71	1.82	18.25	≤30.00	PASS

FCC Client Device

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	90	0.46	16.68	≤23.98	PASS
	Ant2	5180	90	0.46	16.68	≤23.98	PASS
	Ant1	5220	90	0.46	16.69	≤23.98	PASS
	Ant2	5220	90	0.46	16.66	≤23.98	PASS
	Ant1	5240	90	0.46	16.3	≤23.98	PASS
	Ant2	5240	90	0.46	16.61	≤23.98	PASS
	Ant1	5745	90	0.46	17.01	≤30.00	PASS
	Ant2	5745	90	0.46	16.37	≤30.00	PASS
	Ant1	5785	90	0.46	17.02	≤30.00	PASS
	Ant2	5785	90	0.46	16.96	≤30.00	PASS
	Ant1	5825	90	0.46	17.42	≤30.00	PASS
	Ant2	5825	90	0.46	16.13	≤30.00	PASS
11N20MIMO	Ant1	5180	91	0.41	14.99	≤23.98	PASS
	Ant2	5180	91	0.41	15.3	≤23.98	PASS
	total	5180	91	0.41	18.16	≤23.98	PASS
	Ant1	5220	91	0.41	15	≤23.98	PASS

	Ant2	5220	91	0.41	14.95	≤23.98	PASS
	total	5220	91	0.41	17.99	≤23.98	PASS
	Ant1	5240	91	0.41	15.2	≤23.98	PASS
	Ant2	5240	91	0.41	15.07	≤23.98	PASS
	total	5240	91	0.41	18.15	≤23.98	PASS
	Ant1	5745	91	0.41	15.36	≤30.00	PASS
	Ant2	5745	91	0.41	15.29	≤30.00	PASS
	total	5745	91	0.41	18.34	≤30.00	PASS
	Ant1	5785	91	0.41	15.82	≤30.00	PASS
	Ant2	5785	91	0.41	15.45	≤30.00	PASS
	total	5785	91	0.41	18.65	≤30.00	PASS
	Ant1	5825	91	0.41	15.63	≤30.00	PASS
	Ant2	5825	91	0.41	15.74	≤30.00	PASS
	total	5825	91	0.41	18.7	≤30.00	PASS
11N40MIMO	Ant1	5190	81.03	0.91	15.7	≤23.98	PASS
	Ant2	5190	81.03	0.91	16.13	≤23.98	PASS
	total	5190	81.03	0.91	18.93	≤23.98	PASS
	Ant1	5230	81.03	0.91	15.84	≤23.98	PASS
	Ant2	5230	81.03	0.91	15.51	≤23.98	PASS
	total	5230	81.03	0.91	18.69	≤23.98	PASS
	Ant1	5755	81.03	0.91	15.78	≤30.00	PASS
	Ant2	5755	81.03	0.91	15.76	≤30.00	PASS
	total	5755	81.03	0.91	18.78	≤30.00	PASS
	Ant1	5795	81.03	0.91	15.69	≤30.00	PASS
	Ant2	5795	81.03	0.91	15.64	≤30.00	PASS
	total	5795	81.03	0.91	18.68	≤30.00	PASS
11AC20MIMO	Ant1	5180	88.53	0.53	14.93	≤23.98	PASS
	Ant2	5180	88.53	0.53	15.05	≤23.98	PASS
	total	5180	88.53	0.53	18	≤23.98	PASS
	Ant1	5220	88.53	0.53	14.98	≤23.98	PASS
	Ant2	5220	88.53	0.53	14.96	≤23.98	PASS
	total	5220	88.53	0.53	17.98	≤23.98	PASS
	Ant1	5240	88.53	0.53	15.44	≤23.98	PASS
	Ant2	5240	88.53	0.53	15.08	≤23.98	PASS
	total	5240	88.53	0.53	18.27	≤23.98	PASS

	Ant1	5745	88.53	0.53	15.25	≤30.00	PASS
	Ant2	5745	88.53	0.53	15.82	≤30.00	PASS
	total	5745	88.53	0.53	18.55	≤30.00	PASS
	Ant1	5785	88.53	0.53	15.95	≤30.00	PASS
	Ant2	5785	88.53	0.53	16.14	≤30.00	PASS
	total	5785	88.53	0.53	19.06	≤30.00	PASS
	Ant1	5825	88.53	0.53	15.68	≤30.00	PASS
	Ant2	5825	88.53	0.53	15.63	≤30.00	PASS
	total	5825	88.53	0.53	18.67	≤30.00	PASS
11AC40MIMO	Ant1	5190	81.2	0.90	15.78	≤23.98	PASS
	Ant2	5190	81.2	0.90	16.19	≤23.98	PASS
	total	5190	81.2	0.90	19	≤23.98	PASS
	Ant1	5230	81.2	0.90	15.84	≤23.98	PASS
	Ant2	5230	81.2	0.90	15.45	≤23.98	PASS
	total	5230	81.2	0.90	18.66	≤23.98	PASS
	Ant1	5755	81.2	0.90	15.81	≤30.00	PASS
	Ant2	5755	81.2	0.90	15.76	≤30.00	PASS
	total	5755	81.2	0.90	18.8	≤30.00	PASS
	Ant1	5795	81.2	0.90	15.61	≤30.00	PASS
	Ant2	5795	81.2	0.90	15.51	≤30.00	PASS
	total	5795	81.2	0.90	18.57	≤30.00	PASS
11AC80MIMO	Ant1	5210	65.71	1.82	15.04	≤23.98	PASS
	Ant2	5210	65.71	1.82	15.39	≤23.98	PASS
	total	5210	65.71	1.82	18.23	≤23.98	PASS
	Ant1	5775	65.71	1.82	15.38	≤30.00	PASS
	Ant2	5775	65.71	1.82	15.09	≤30.00	PASS
	total	5775	65.71	1.82	18.25	≤30.00	PASS

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

IC

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Result [dBm]	Conducted Limit [dBm]	e.i.r.p. [dBm]	e.i.r.p. Limit [dBm]	Verdict
11A	Ant1	5180	90.00	0.46	16.68	---	19.68	22.22	PASS
	Ant2	5180	90.00	0.46	16.68	---	19.68	22.25	PASS
	Ant1	5220	90.00	0.46	16.69	---	19.69	22.25	PASS
	Ant2	5220	90.00	0.46	16.66	---	19.66	22.3	PASS
	Ant1	5240	90.00	0.46	16.3	---	19.3	22.22	PASS
	Ant2	5240	90.00	0.46	16.61	---	19.61	22.29	PASS
	Ant1	5745	90.00	0.46	17.01	30	20.01	---	PASS
	Ant2	5745	90.00	0.46	16.37	30	19.37	---	PASS
	Ant1	5785	90.00	0.46	17.02	30	20.02	---	PASS
	Ant2	5785	90.00	0.46	16.96	30	19.96	---	PASS
	Ant1	5825	90.00	0.46	17.42	30	20.42	---	PASS
	Ant2	5825	90.00	0.46	16.13	30	19.13	---	PASS
11N20MIMO	Ant1	5180	91.00	0.41	14.99	---	17.99	22.48	PASS
	Ant2	5180	91.00	0.41	15.3	---	18.3	22.5	PASS
	total	5180	91.00	0.41	18.16	---	21.16	22.48	PASS
	Ant1	5220	91.00	0.41	15	---	18	22.5	PASS
	Ant2	5220	91.00	0.41	14.95	---	17.95	22.55	PASS
	total	5220	91.00	0.41	17.99	---	20.99	22.5	PASS
	Ant1	5240	91.00	0.41	15.2	---	18.2	22.54	PASS
	Ant2	5240	91.00	0.41	15.07	---	18.07	22.58	PASS
	total	5240	91.00	0.41	18.15	---	21.15	22.54	PASS
	Ant1	5745	91.00	0.41	15.36	30	18.36	---	PASS
	Ant2	5745	91.00	0.41	15.29	30	18.29	---	PASS
	total	5745	91.00	0.41	18.34	30	21.34	---	PASS
	Ant1	5785	91.00	0.41	15.82	30	18.82	---	PASS
	Ant2	5785	91.00	0.41	15.45	30	18.45	---	PASS
	total	5785	91.00	0.41	18.65	30	21.65	---	PASS
	Ant1	5825	91.00	0.41	15.63	30	18.63	---	PASS
	Ant2	5825	91.00	0.41	15.74	30	18.74	---	PASS
	total	5825	91.00	0.41	18.7	30	21.7	---	PASS

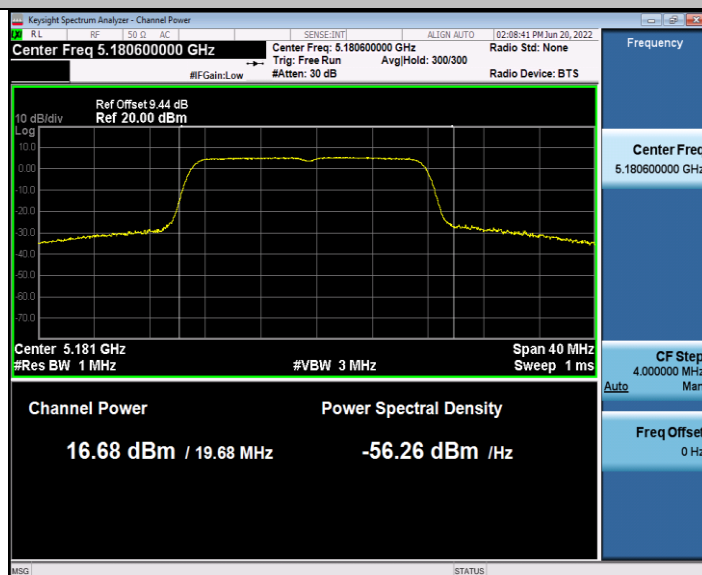
11N40MIMO	Ant1	5190	81.03	0.91	15.7	---	18.7	23.01	PASS
	Ant2	5190	81.03	0.91	16.13	---	19.13	23.01	PASS
	total	5190	81.03	0.91	18.93	---	21.93	23.01	PASS
	Ant1	5230	81.03	0.91	15.84	---	18.84	23.01	PASS
	Ant2	5230	81.03	0.91	15.51	---	18.51	23.01	PASS
	total	5230	81.03	0.91	18.69	---	21.69	23.01	PASS
	Ant1	5755	81.03	0.91	15.78	30	18.78	---	PASS
	Ant2	5755	81.03	0.91	15.76	30	18.76	---	PASS
	total	5755	81.03	0.91	18.78	30	21.78	---	PASS
	Ant1	5795	81.03	0.91	15.69	30	18.69	---	PASS
	Ant2	5795	81.03	0.91	15.64	30	18.64	---	PASS
	total	5795	81.03	0.91	18.68	30	21.68	---	PASS
11AC20MIMO	Ant1	5180	88.53	0.53	14.93	---	17.93	22.49	PASS
	Ant2	5180	88.53	0.53	15.05	---	18.05	22.49	PASS
	total	5180	88.53	0.53	18	---	21	22.49	PASS
	Ant1	5220	88.53	0.53	14.98	---	17.98	22.49	PASS
	Ant2	5220	88.53	0.53	14.96	---	17.96	22.53	PASS
	total	5220	88.53	0.53	17.98	---	20.98	22.49	PASS
	Ant1	5240	88.53	0.53	15.44	---	18.44	22.53	PASS
	Ant2	5240	88.53	0.53	15.08	---	18.08	22.56	PASS
	total	5240	88.53	0.53	18.27	---	21.27	22.53	PASS
	Ant1	5745	88.53	0.53	15.25	30	18.25	---	PASS
	Ant2	5745	88.53	0.53	15.82	30	18.82	---	PASS
	total	5745	88.53	0.53	18.55	30	21.55	---	PASS
	Ant1	5785	88.53	0.53	15.95	30	18.95	---	PASS
	Ant2	5785	88.53	0.53	16.14	30	19.14	---	PASS
	total	5785	88.53	0.53	19.06	30	22.06	---	PASS
	Ant1	5825	88.53	0.53	15.68	30	18.68	---	PASS
	Ant2	5825	88.53	0.53	15.63	30	18.63	---	PASS
	total	5825	88.53	0.53	18.67	30	21.67	---	PASS
11AC40MIMO	Ant1	5190	81.20	0.90	15.78	---	18.78	23.01	PASS
	Ant2	5190	81.20	0.90	16.19	---	19.19	23.01	PASS
	total	5190	81.20	0.90	19	---	22	23.01	PASS
	Ant1	5230	81.20	0.90	15.84	---	18.84	23.01	PASS
	Ant2	5230	81.20	0.90	15.45	---	18.45	23.01	PASS

	total	5230	81.20	0.90	18.66	---	21.66	23.01	PASS
	Ant1	5755	81.20	0.90	15.81	30	18.81	---	PASS
	Ant2	5755	81.20	0.90	15.76	30	18.76	---	PASS
	total	5755	81.20	0.90	18.8	30	21.8	---	PASS
	Ant1	5795	81.20	0.90	15.61	30	18.61	---	PASS
	Ant2	5795	81.20	0.90	15.51	30	18.51	---	PASS
	total	5795	81.20	0.90	18.57	30	21.57	---	PASS
11AC80MIMO	Ant1	5210	65.71	1.82	15.04	---	18.04	23.01	PASS
	Ant2	5210	65.71	1.82	15.39	---	18.39	23.01	PASS
	total	5210	65.71	1.82	18.23	---	21.23	23.01	PASS
	Ant1	5775	65.71	1.82	15.38	30	18.38	---	PASS
	Ant2	5775	65.71	1.82	15.09	30	18.09	---	PASS
	total	5775	65.71	1.82	18.25	30	21.25	---	PASS

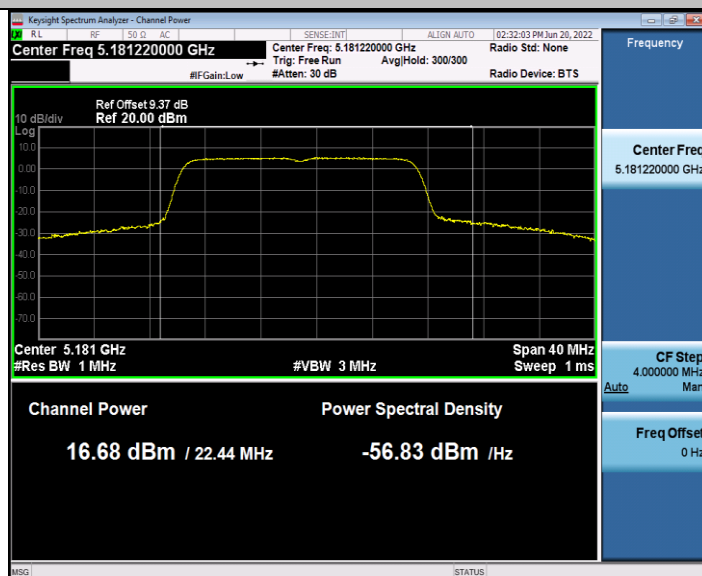
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

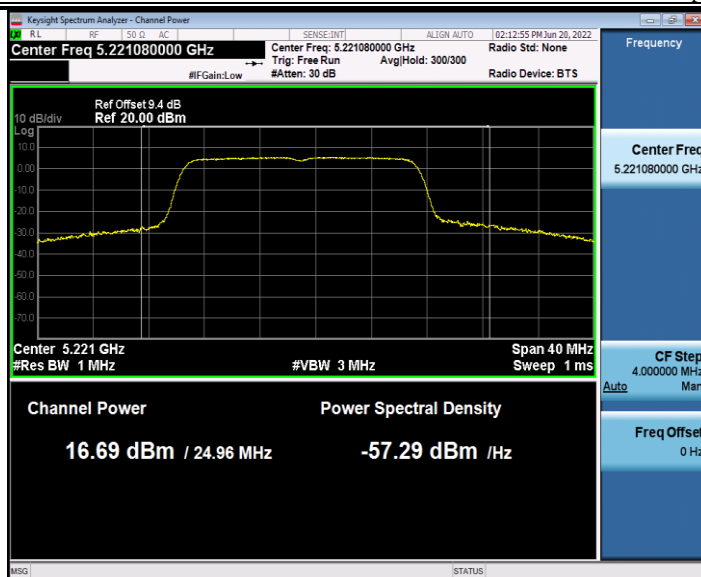
11A_Ant1_5180



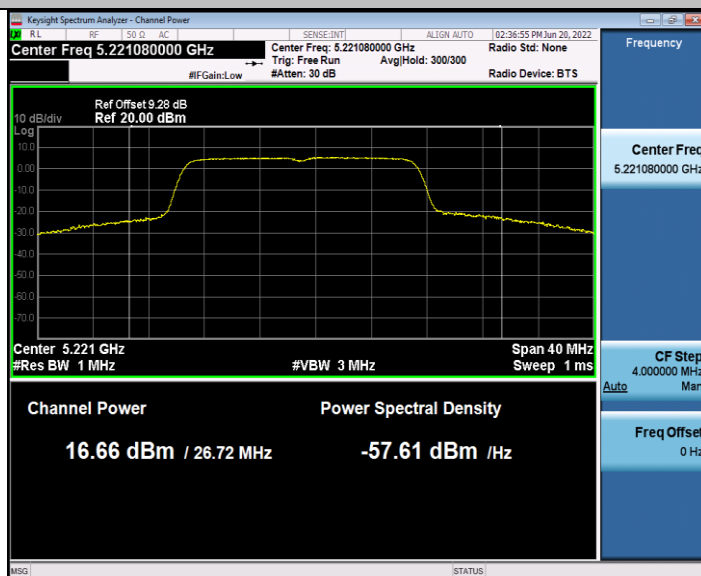
11A_Ant2_5180



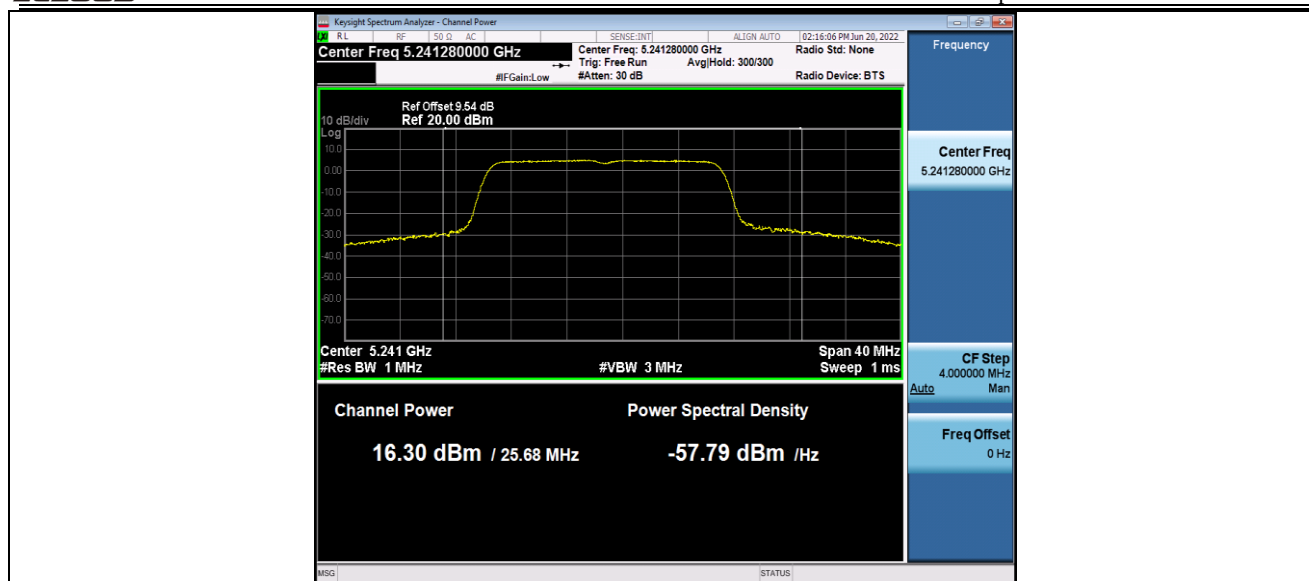
11A_Ant1_5220



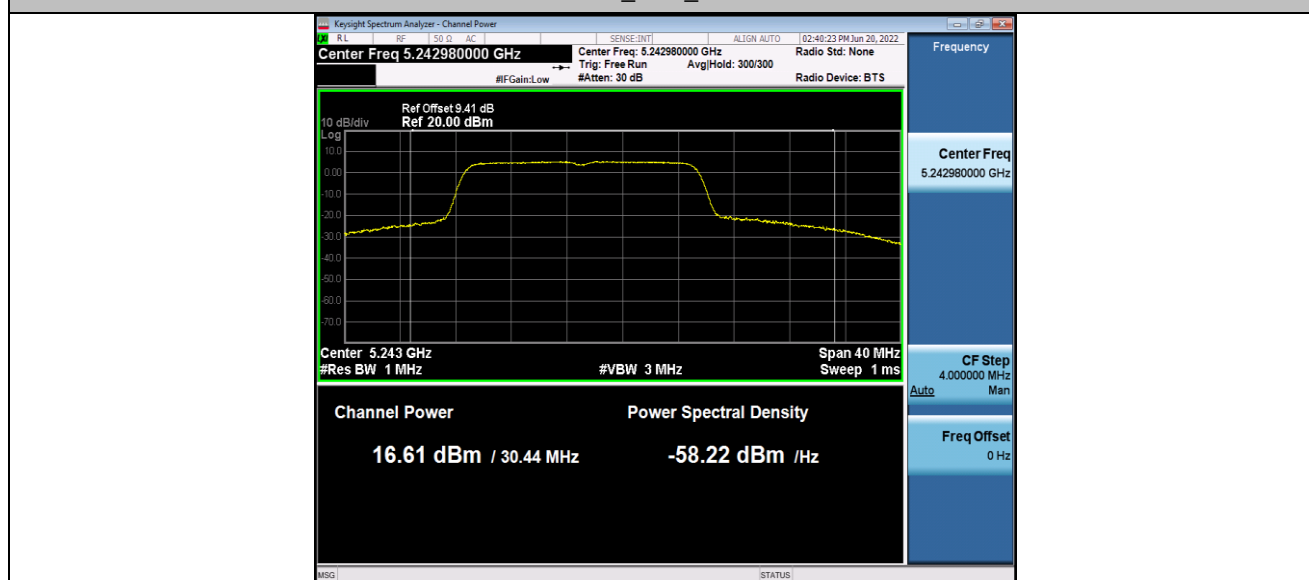
11A_Ant2_5220



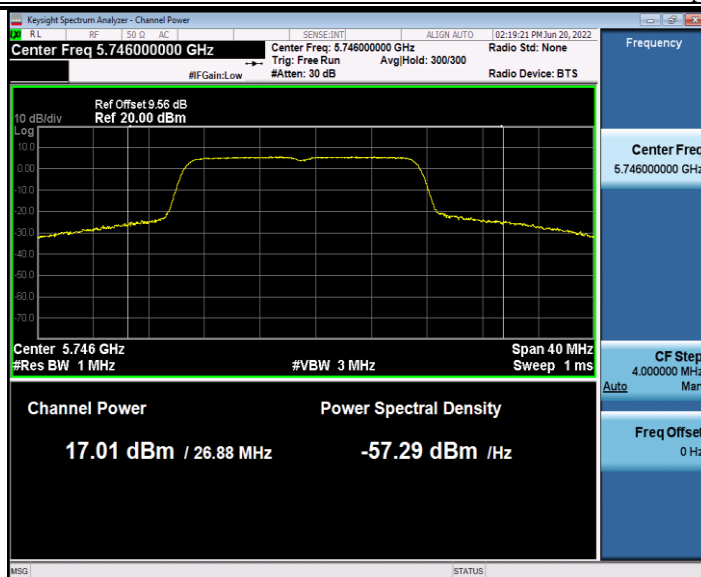
11A_Ant1_5240



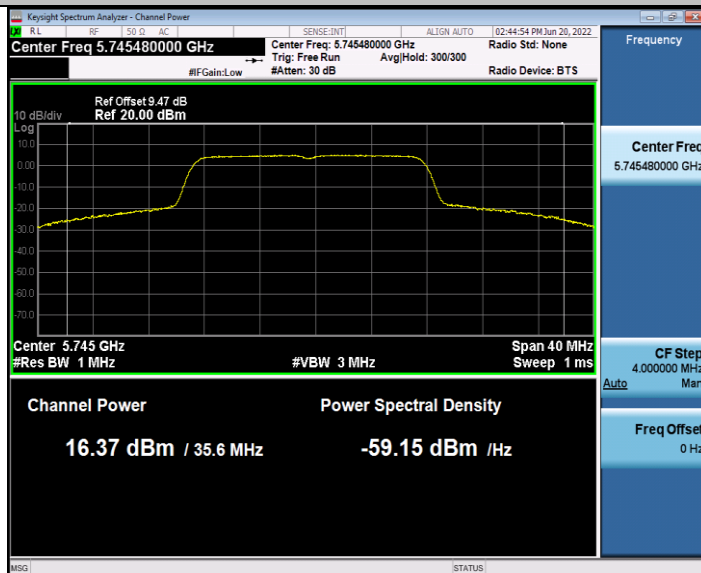
11A_Ant2_5240



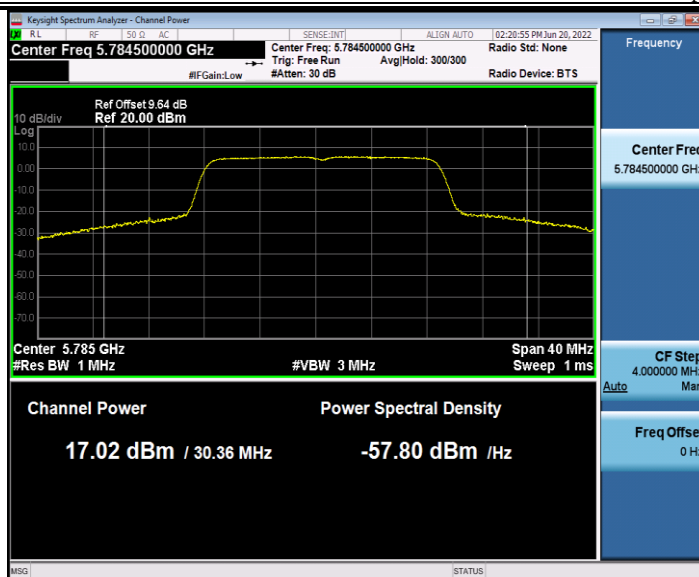
11A_Ant1_5745



11A_Ant2_5745



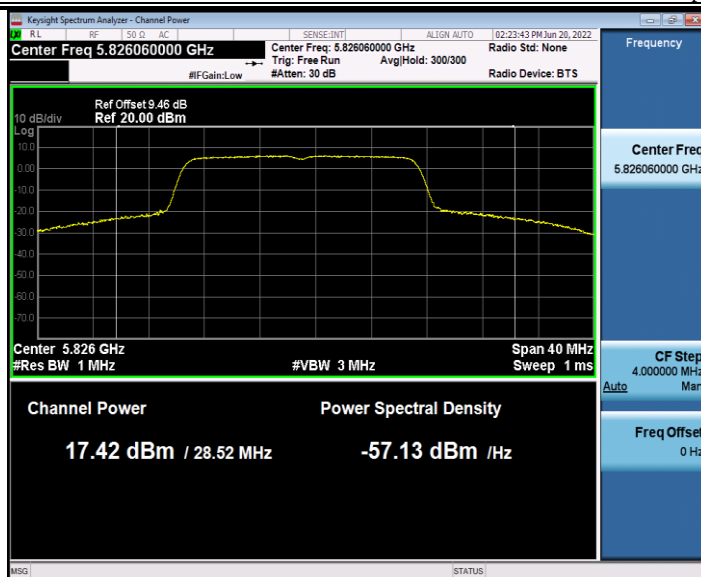
11A_Ant1_5785



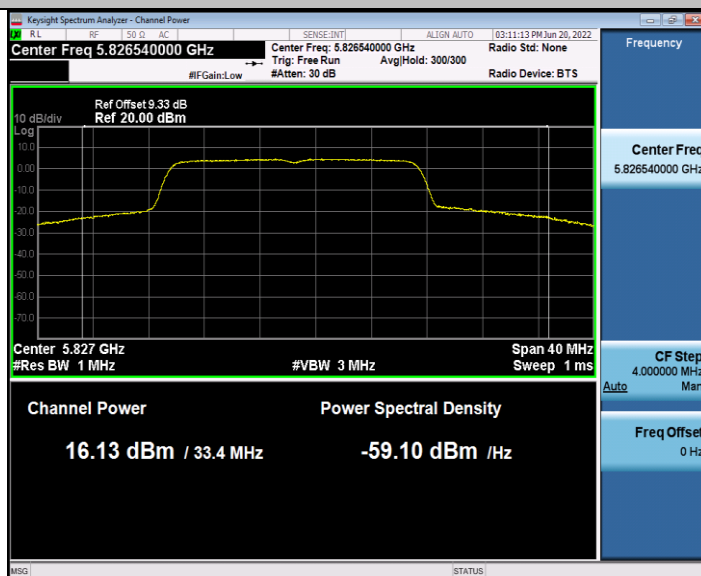
11A_Ant2_5785



11A_Ant1_5825



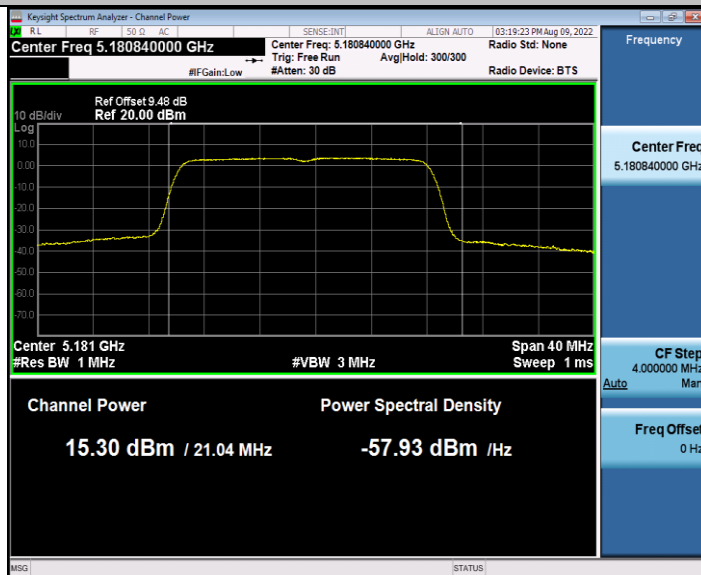
11A_Ant2_5825



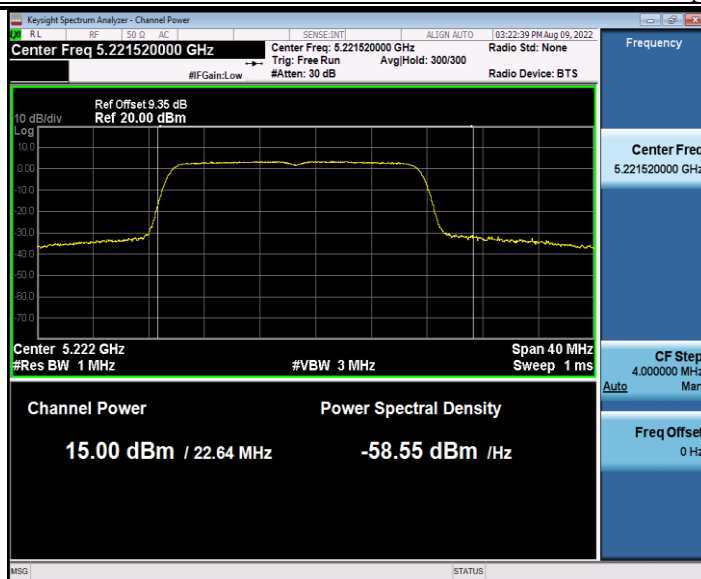
11N20MIMO_Ant1_5180



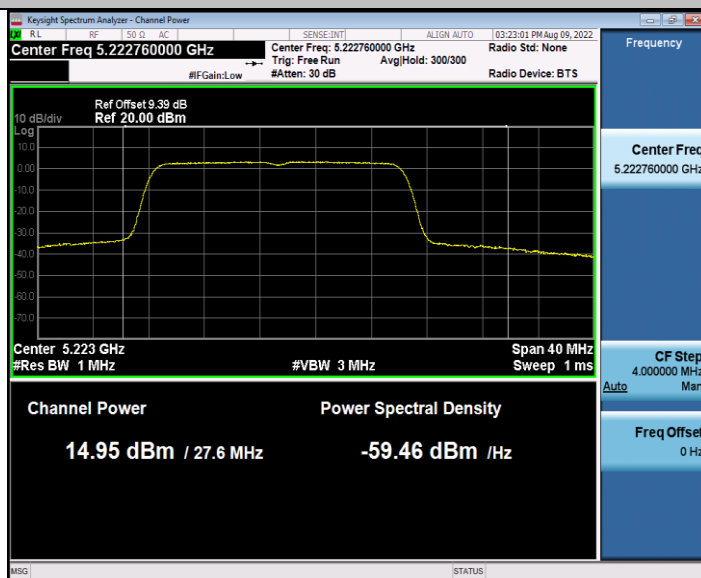
11N20MIMO_Ant2_5180



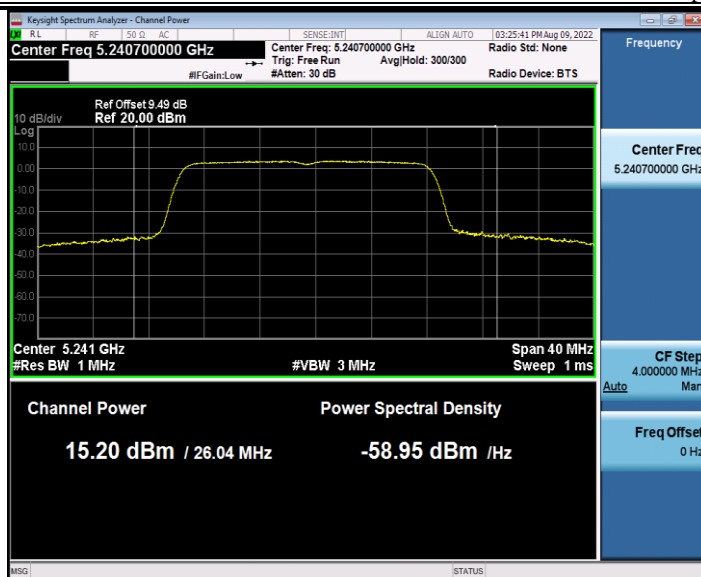
11N20MIMO_Ant1_5220



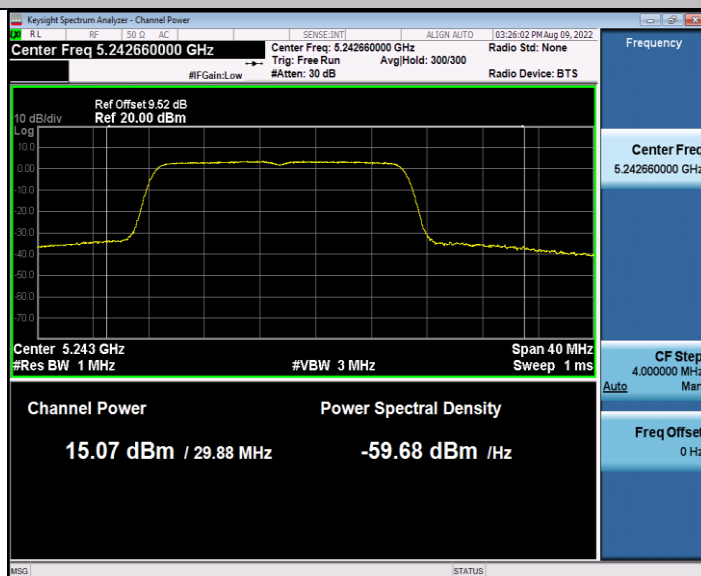
11N20MIMO_Ant2_5220



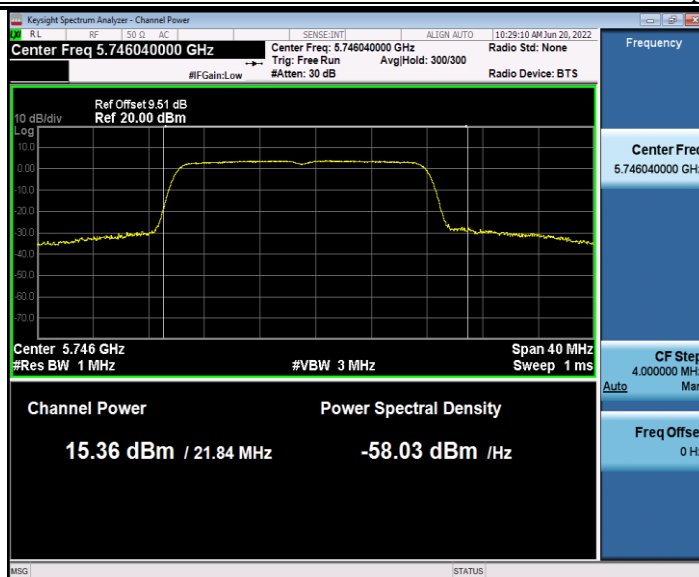
11N20MIMO_Ant1_5240



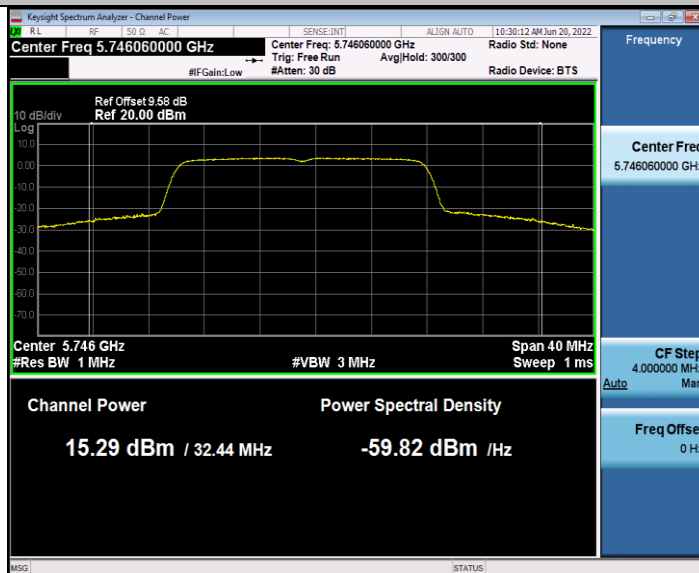
11N20MIMO_Ant2_5240



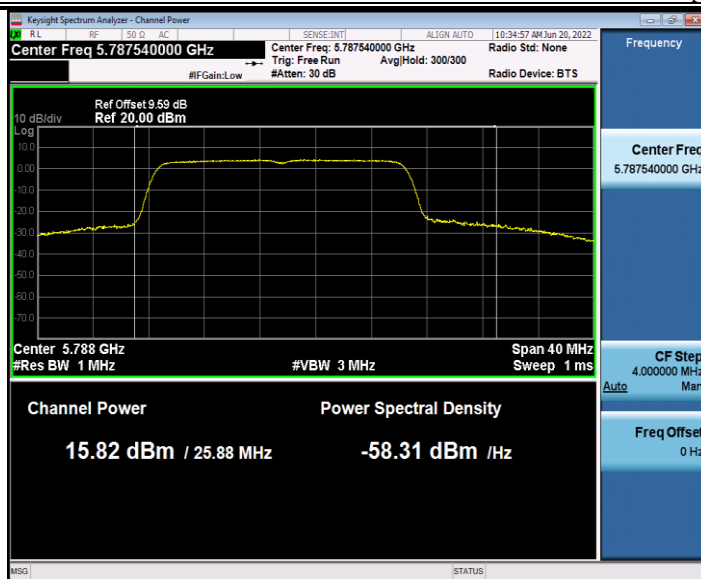
11N20MIMO_Ant1_5745



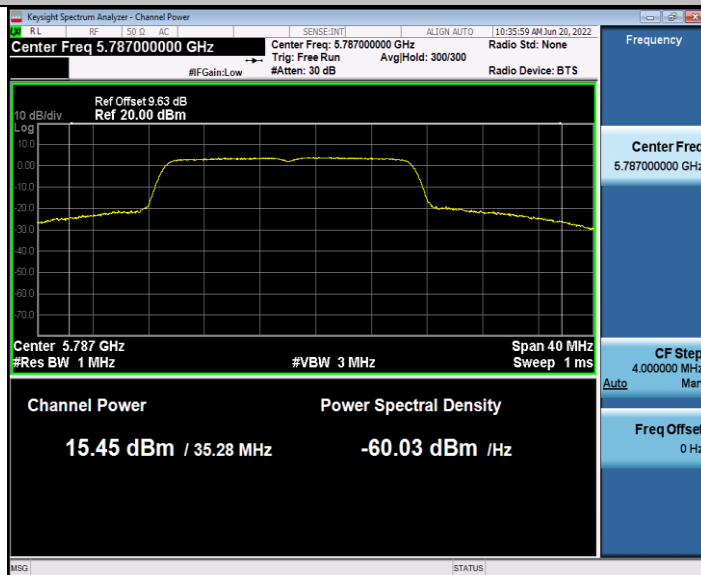
11N20MIMO_Ant2_5745



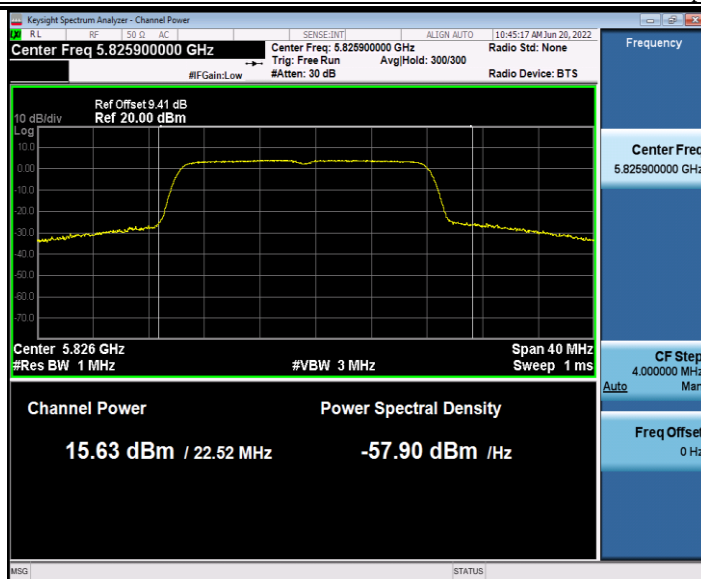
11N20MIMO_Ant1_5785



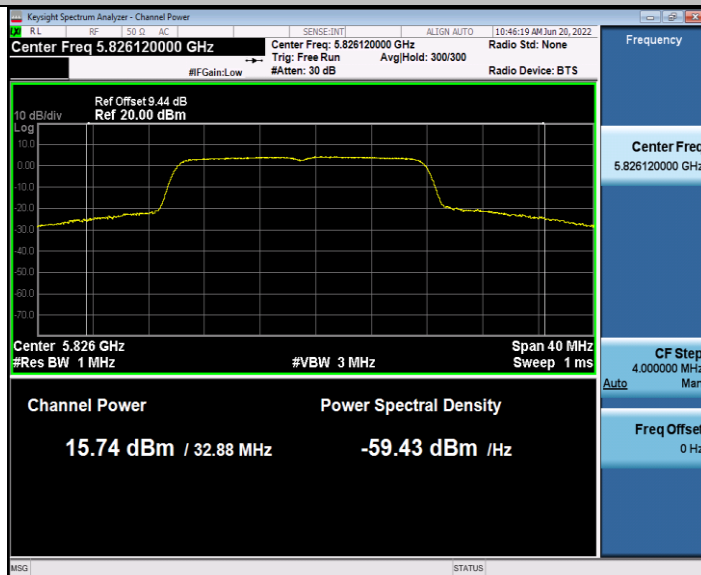
11N20MIMO_Ant2_5785



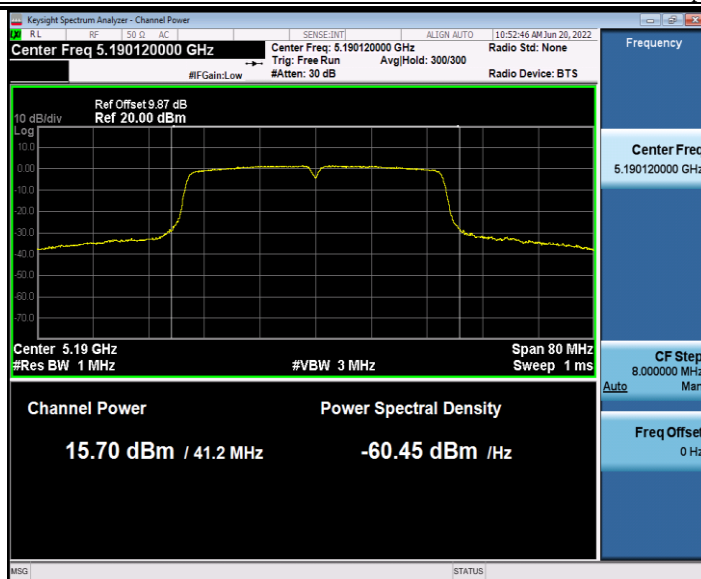
11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



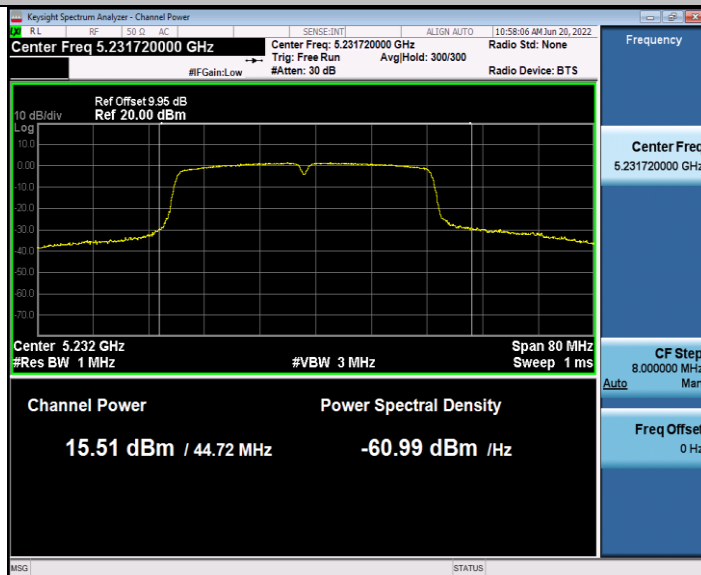
11N40MIMO_Ant2_5190



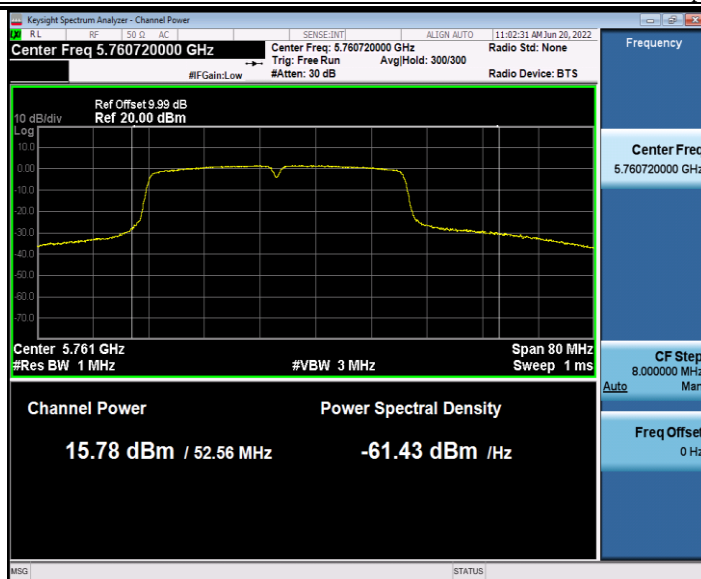
11N40MIMO_Ant1_5230



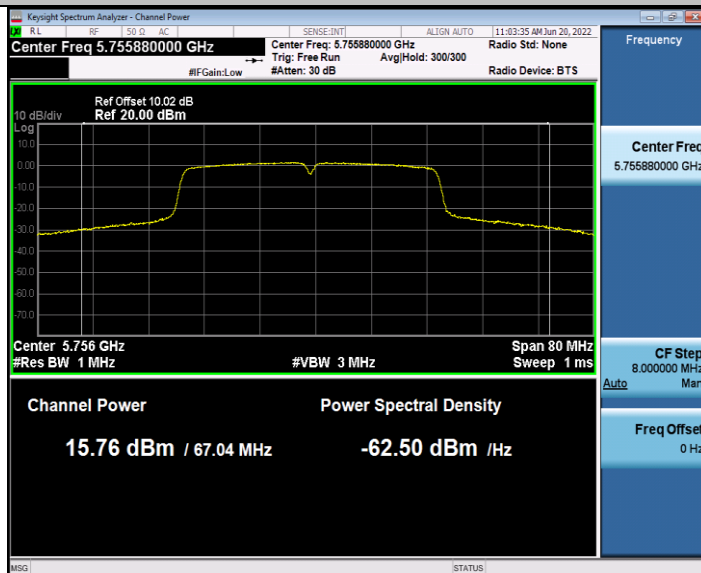
11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5755



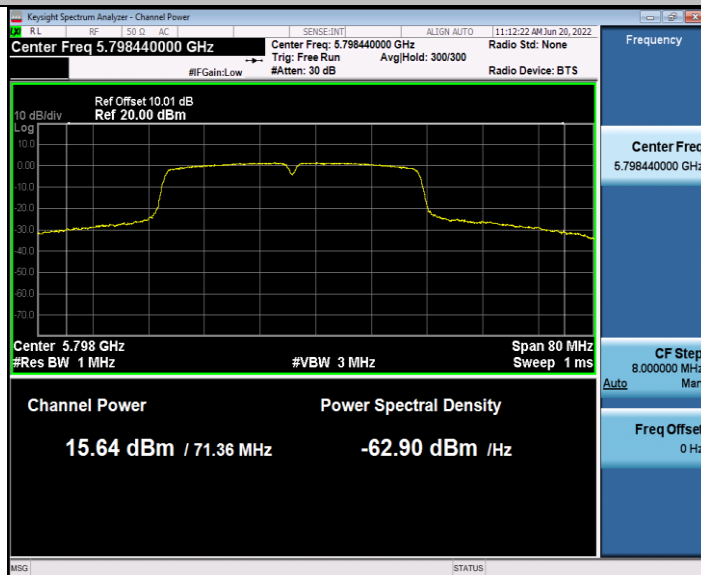
11N40MIMO_Ant2_5755



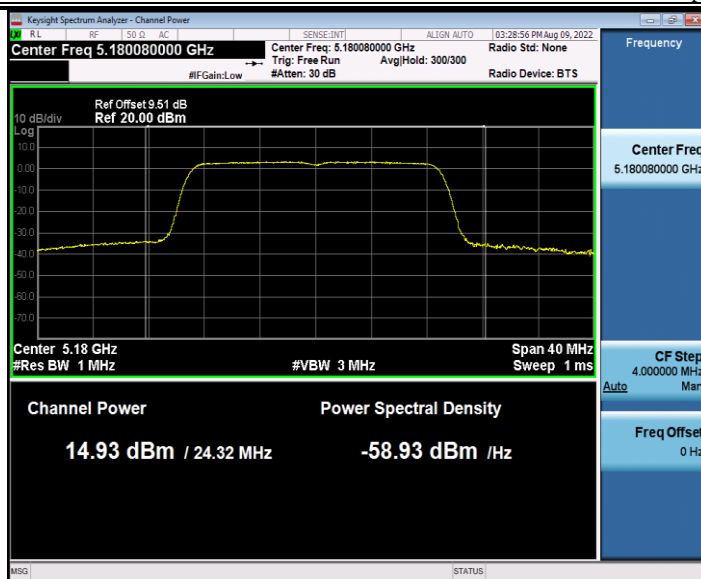
11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



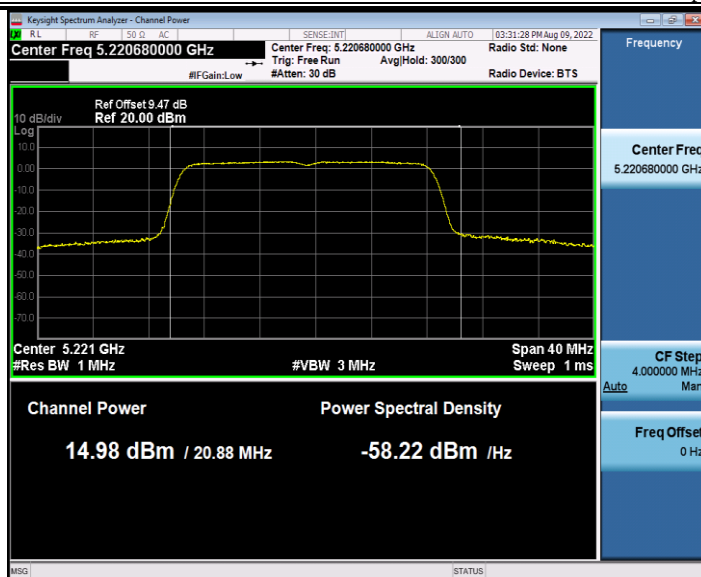
11AC20MIMO_Ant1_5180



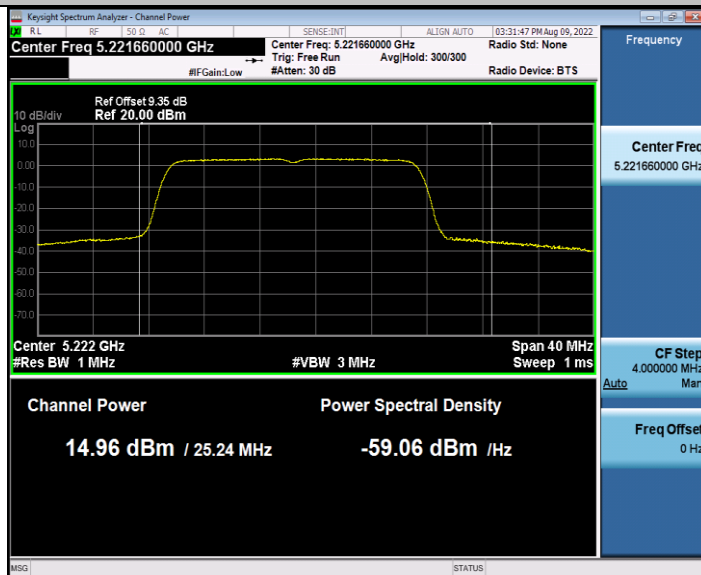
11AC20MIMO_Ant2_5180



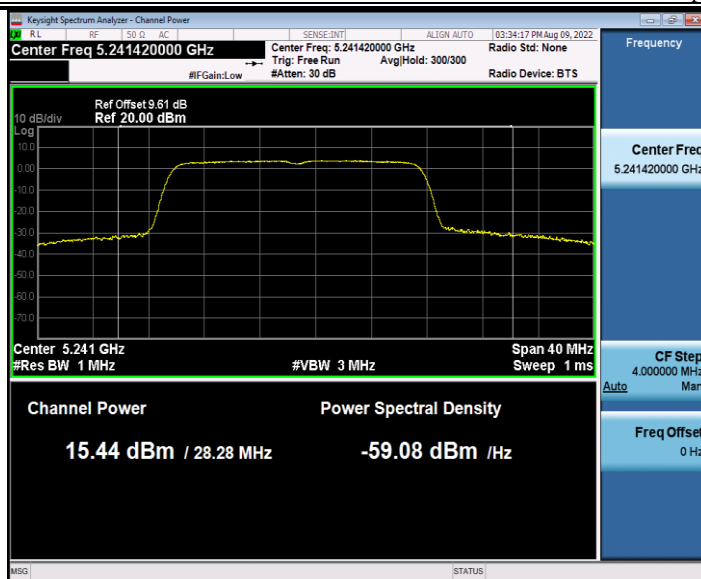
11AC20MIMO_Ant1_5220



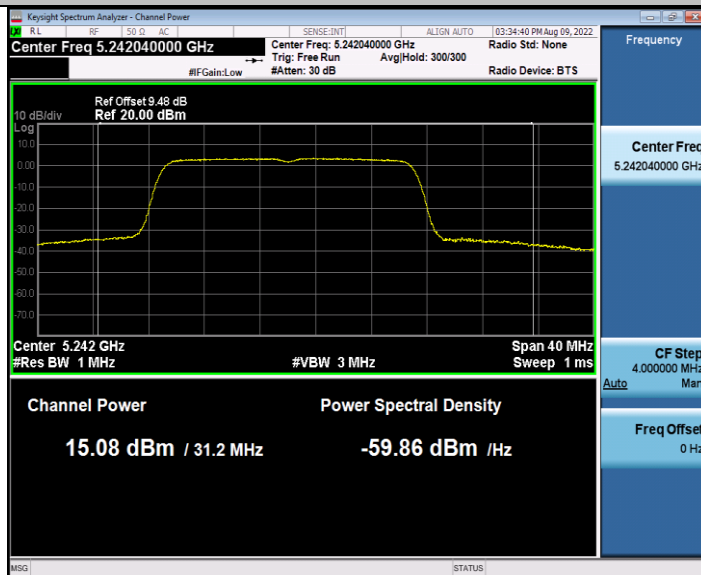
11AC20MIMO_Ant2_5220



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745