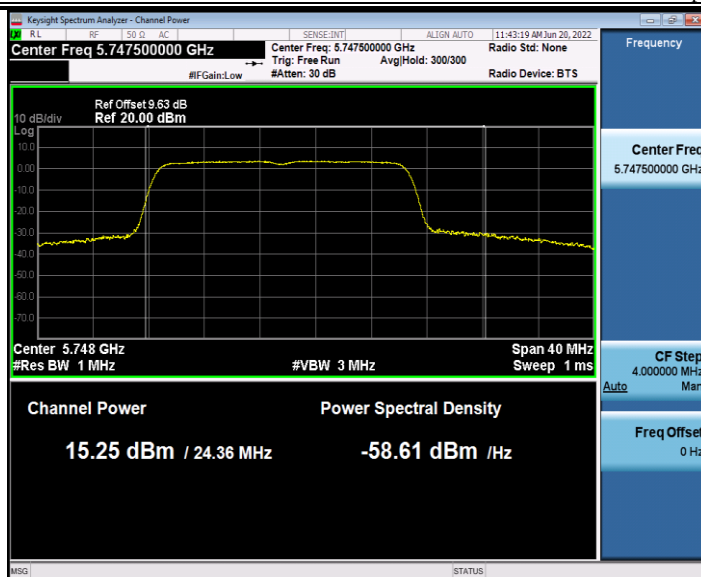
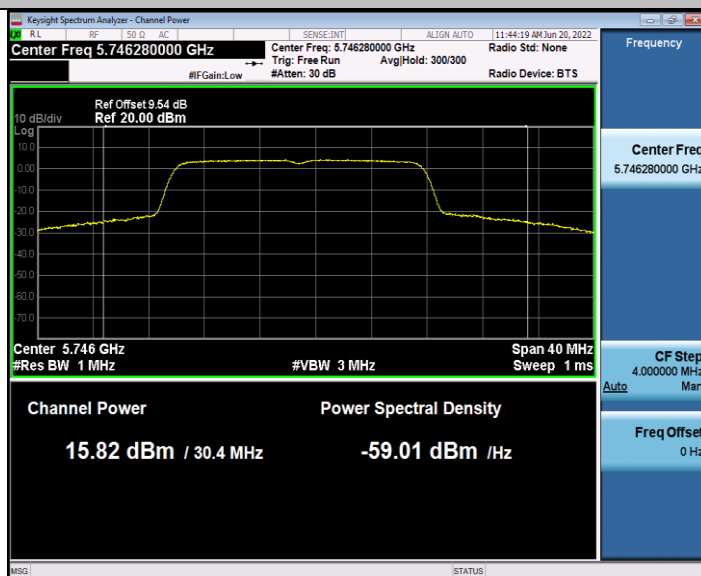
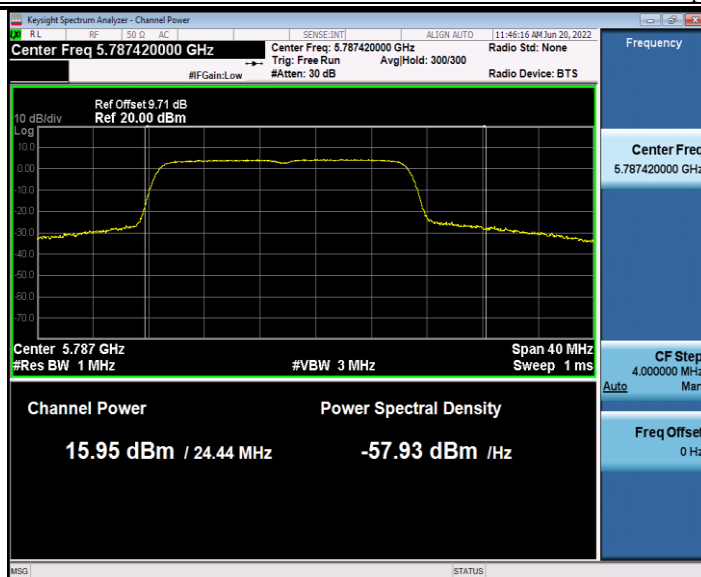




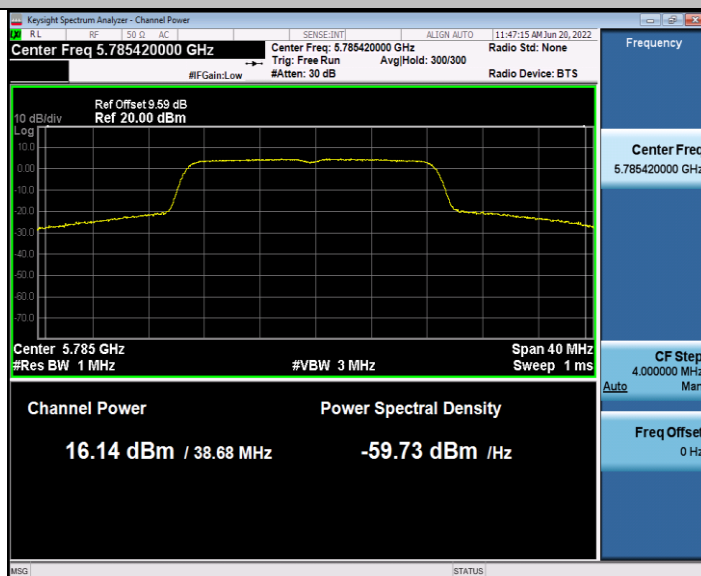
11AC20MIMO_Ant2_5745



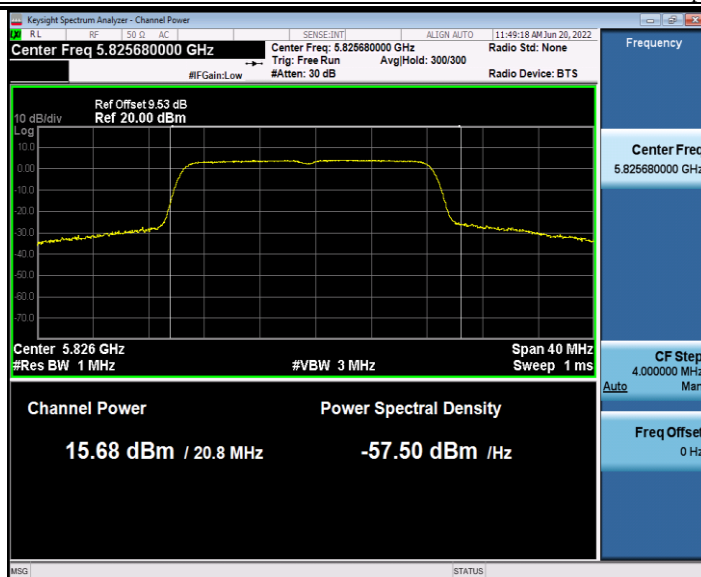
11AC20MIMO_Ant1_5785



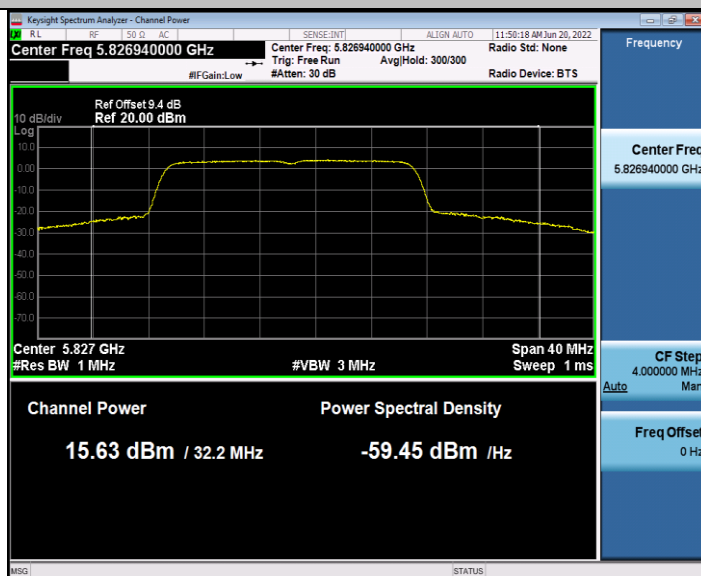
11AC20MIMO_Ant2_5785



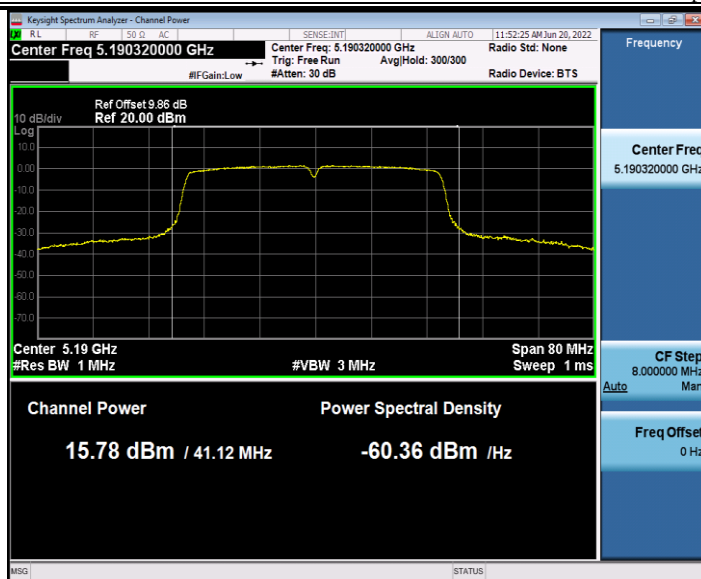
11AC20MIMO_Ant1_5825



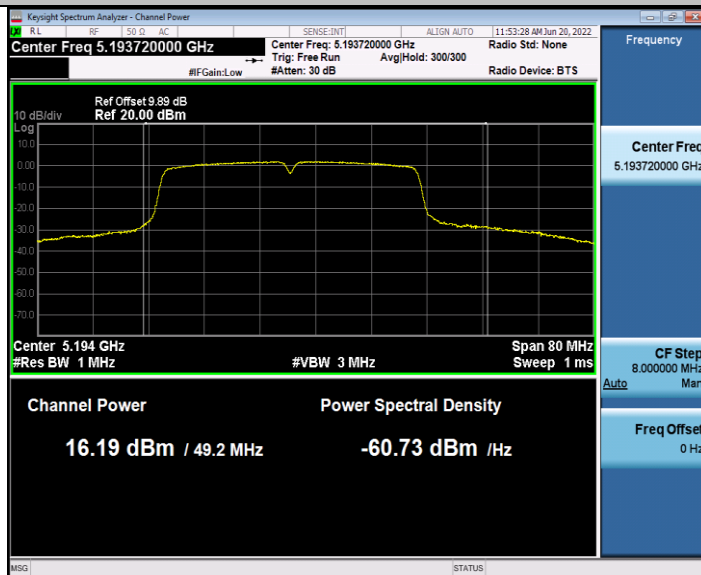
11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



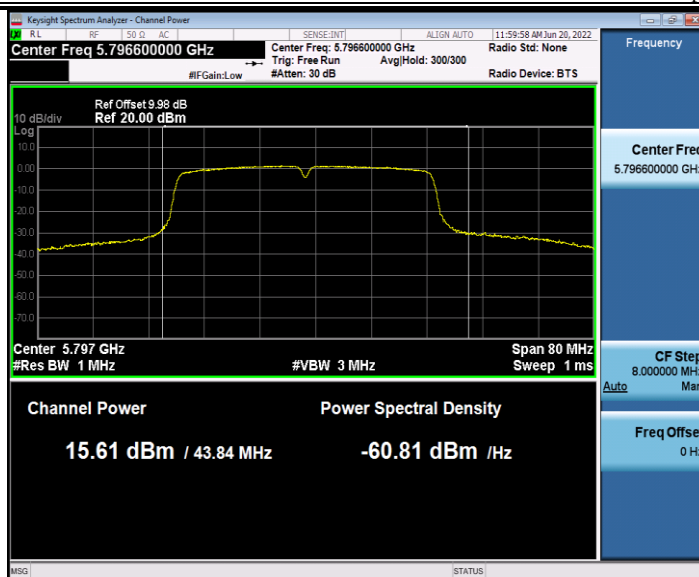
11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



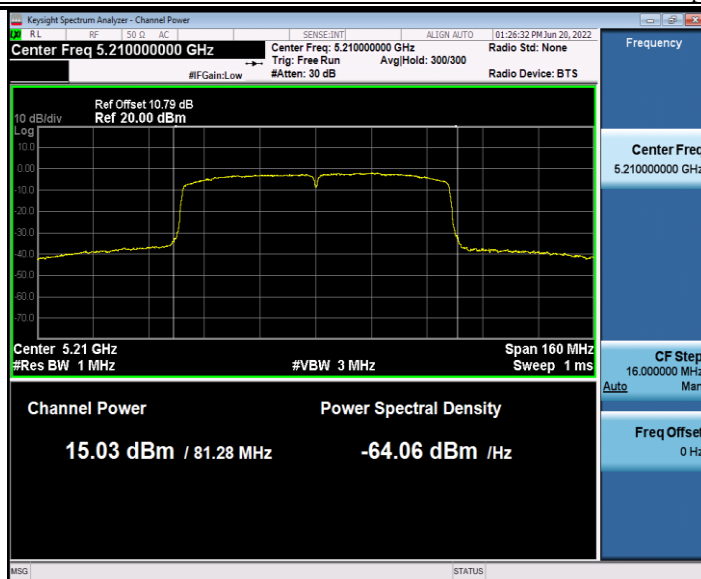
11AC40MIMO_Ant1_5795



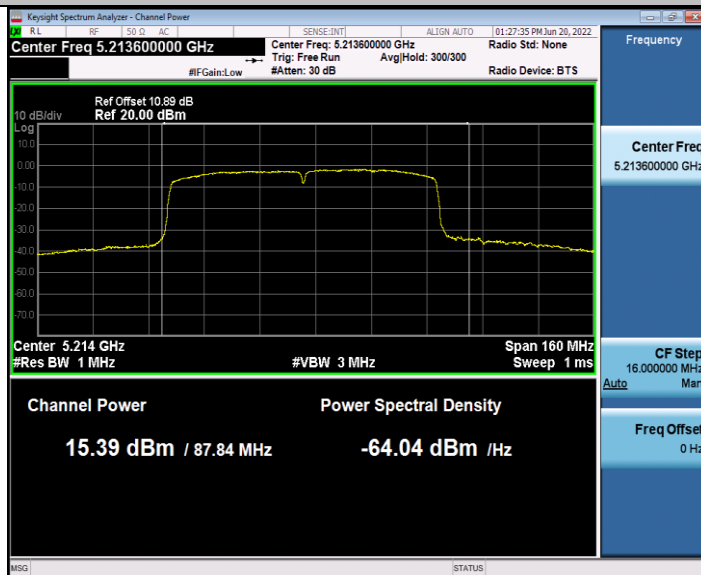
11AC40MIMO_Ant2_5795



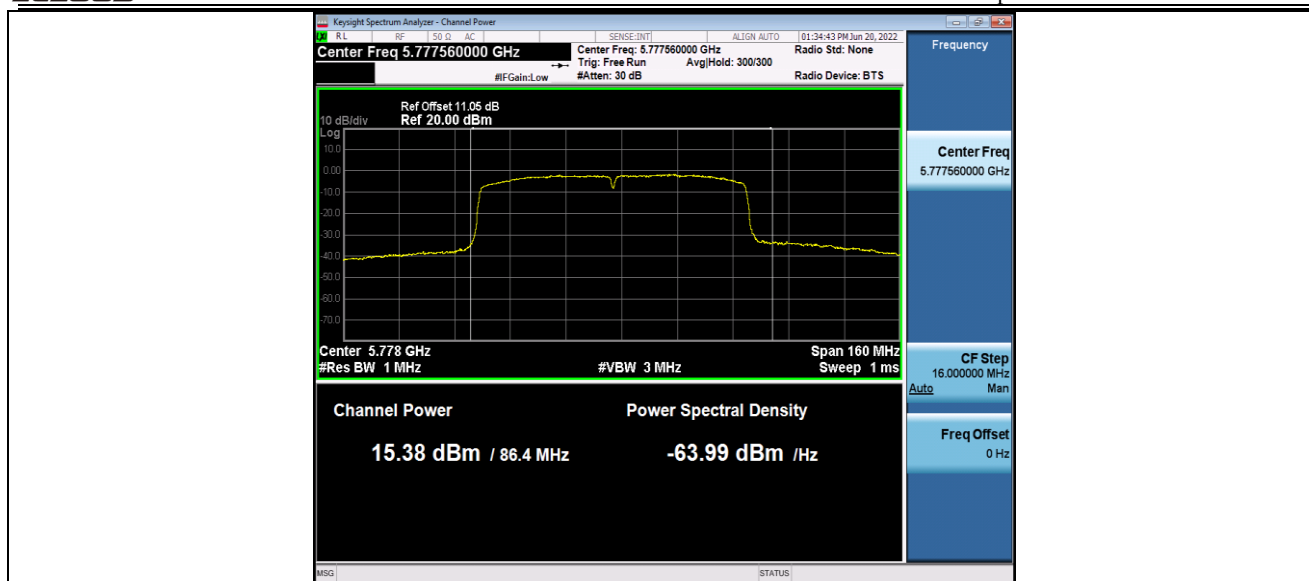
11AC80MIMO_Ant1_5210



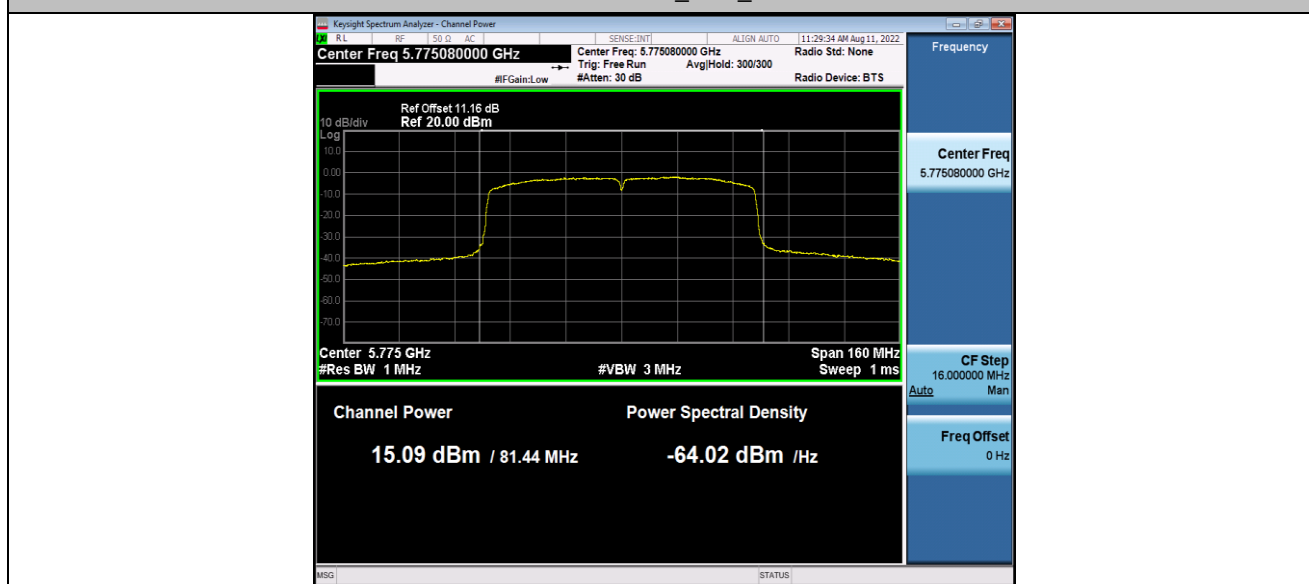
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix C1: Maximum power spectral density

Test Result

FCC Access Point

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	90.00	0.46	5.69	≤17.00	PASS
	Ant2	5180	90.00	0.46	5.56	≤17.00	PASS
	Ant1	5220	90.00	0.46	5.53	≤17.00	PASS
	Ant2	5220	90.00	0.46	5.64	≤17.00	PASS
	Ant1	5240	90.00	0.46	5.31	≤17.00	PASS
	Ant2	5240	90.00	0.46	5.58	≤17.00	PASS
	Ant1	5745	90.00	0.46	3.06	≤30.00	PASS
	Ant2	5745	90.00	0.46	2.26	≤30.00	PASS
	Ant1	5785	90.00	0.46	2.89	≤30.00	PASS
	Ant2	5785	90.00	0.46	2.87	≤30.00	PASS
	Ant1	5825	90.00	0.46	3.29	≤30.00	PASS
	Ant2	5825	90.00	0.46	1.71	≤30.00	PASS
11N20MIMO	Ant1	5180	91.00	0.41	3.5	≤17.00	PASS
	Ant2	5180	91.00	0.41	3.03	≤17.00	PASS
	total	5180	91.00	0.41	6.28	≤17.00	PASS
	Ant1	5220	91.00	0.41	3.86	≤17.00	PASS
	Ant2	5220	91.00	0.41	3.84	≤17.00	PASS
	total	5220	91.00	0.41	6.86	≤17.00	PASS
	Ant1	5240	91.00	0.41	3.79	≤17.00	PASS
	Ant2	5240	91.00	0.41	3.82	≤17.00	PASS
	total	5240	91.00	0.41	6.82	≤17.00	PASS
	Ant1	5745	91.00	0.41	0.7	≤30.00	PASS
	Ant2	5745	91.00	0.41	0.61	≤30.00	PASS
	total	5745	91.00	0.41	3.67	≤30.00	PASS
	Ant1	5785	91.00	0.41	1.51	≤30.00	PASS
	Ant2	5785	91.00	0.41	1.33	≤30.00	PASS
	total	5785	91.00	0.41	4.43	≤30.00	PASS

	Ant1	5825	91.00	0.41	1.08	≤30.00	PASS
	Ant2	5825	91.00	0.41	1.56	≤30.00	PASS
	total	5825	91.00	0.41	4.34	≤30.00	PASS
11N40MIMO	Ant1	5190	81.03	0.91	1.46	≤17.00	PASS
	Ant2	5190	81.03	0.91	1.78	≤17.00	PASS
	total	5190	81.03	0.91	4.63	≤17.00	PASS
	Ant1	5230	81.03	0.91	2.37	≤17.00	PASS
	Ant2	5230	81.03	0.91	1.71	≤17.00	PASS
	total	5230	81.03	0.91	5.06	≤17.00	PASS
	Ant1	5755	81.03	0.91	-1.39	≤30.00	PASS
	Ant2	5755	81.03	0.91	-1.23	≤30.00	PASS
	total	5755	81.03	0.91	1.7	≤30.00	PASS
	Ant1	5795	81.03	0.91	-1.34	≤30.00	PASS
	Ant2	5795	81.03	0.91	0.25	≤30.00	PASS
	total	5795	81.03	0.91	2.54	≤30.00	PASS
11AC20MIMO	Ant1	5180	88.53	0.53	3.5	≤17.00	PASS
	Ant2	5180	88.53	0.53	3.8	≤17.00	PASS
	total	5180	88.53	0.53	6.66	≤17.00	PASS
	Ant1	5220	88.53	0.53	3.88	≤17.00	PASS
	Ant2	5220	88.53	0.53	3.64	≤17.00	PASS
	total	5220	88.53	0.53	6.77	≤17.00	PASS
	Ant1	5240	88.53	0.53	4.03	≤17.00	PASS
	Ant2	5240	88.53	0.53	3.75	≤17.00	PASS
	total	5240	88.53	0.53	6.9	≤17.00	PASS
	Ant1	5745	88.53	0.53	0.68	≤30.00	PASS
	Ant2	5745	88.53	0.53	1.4	≤30.00	PASS
	total	5745	88.53	0.53	4.07	≤30.00	PASS
	Ant1	5785	88.53	0.53	1.17	≤30.00	PASS
	Ant2	5785	88.53	0.53	1.49	≤30.00	PASS
	total	5785	88.53	0.53	4.34	≤30.00	PASS
	Ant1	5825	88.53	0.53	1.22	≤30.00	PASS
	Ant2	5825	88.53	0.53	1.2	≤30.00	PASS
	total	5825	88.53	0.53	4.22	≤30.00	PASS
11AC40MIMO	Ant1	5190	81.20	0.90	2.06	≤17.00	PASS
	Ant2	5190	81.20	0.90	2.16	≤17.00	PASS

	total	5190	81.20	0.90	5.12	≤17.00	PASS
	Ant1	5230	81.20	0.90	1.86	≤17.00	PASS
	Ant2	5230	81.20	0.90	1.69	≤17.00	PASS
	total	5230	81.20	0.90	4.79	≤17.00	PASS
	Ant1	5755	81.20	0.90	-1.14	≤30.00	PASS
	Ant2	5755	81.20	0.90	-1.41	≤30.00	PASS
	total	5755	81.20	0.90	1.74	≤30.00	PASS
	Ant1	5795	81.20	0.90	-1.64	≤30.00	PASS
	Ant2	5795	81.20	0.90	-1.43	≤30.00	PASS
	total	5795	81.20	0.90	1.48	≤30.00	PASS
11AC80MIMO	Ant1	5210	65.71	1.82	-1.46	≤17.00	PASS
	Ant2	5210	65.71	1.82	-1.17	≤17.00	PASS
	total	5210	65.71	1.82	1.7	≤17.00	PASS
	Ant1	5775	65.71	1.82	-4.23	≤30.00	PASS
	Ant2	5775	65.71	1.82	-4.71	≤30.00	PASS
	total	5775	65.71	1.82	-1.45	≤30.00	PASS

FCC Client Device

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	90.00	0.46	5.69	≤17.00	PASS
	Ant2	5180	90.00	0.46	5.56	≤17.00	PASS
	Ant1	5220	90.00	0.46	5.53	≤17.00	PASS
	Ant2	5220	90.00	0.46	5.64	≤17.00	PASS
	Ant1	5240	90.00	0.46	5.31	≤17.00	PASS
	Ant2	5240	90.00	0.46	5.58	≤17.00	PASS
	Ant1	5745	90.00	0.46	3.06	≤30.00	PASS
	Ant2	5745	90.00	0.46	2.26	≤30.00	PASS
	Ant1	5785	90.00	0.46	2.89	≤30.00	PASS
	Ant2	5785	90.00	0.46	2.87	≤30.00	PASS
	Ant1	5825	90.00	0.46	3.29	≤30.00	PASS
	Ant2	5825	90.00	0.46	1.71	≤30.00	PASS
11N20MIMO	Ant1	5180	91.00	0.41	3.5	≤17.00	PASS
	Ant2	5180	91.00	0.41	3.03	≤17.00	PASS

	total	5180	91.00	0.41	6.28	≤17.00	PASS
	Ant1	5220	91.00	0.41	3.86	≤17.00	PASS
	Ant2	5220	91.00	0.41	3.84	≤17.00	PASS
	total	5220	91.00	0.41	6.86	≤17.00	PASS
	Ant1	5240	91.00	0.41	3.79	≤17.00	PASS
	Ant2	5240	91.00	0.41	3.82	≤17.00	PASS
	total	5240	91.00	0.41	6.82	≤17.00	PASS
	Ant1	5745	91.00	0.41	0.7	≤30.00	PASS
	Ant2	5745	91.00	0.41	0.61	≤30.00	PASS
	total	5745	91.00	0.41	3.67	≤30.00	PASS
	Ant1	5785	91.00	0.41	1.51	≤30.00	PASS
	Ant2	5785	91.00	0.41	1.33	≤30.00	PASS
	total	5785	91.00	0.41	4.43	≤30.00	PASS
	Ant1	5825	91.00	0.41	1.08	≤30.00	PASS
	Ant2	5825	91.00	0.41	1.56	≤30.00	PASS
	total	5825	91.00	0.41	4.34	≤30.00	PASS
11N40MIMO	Ant1	5190	81.03	0.91	1.46	≤17.00	PASS
	Ant2	5190	81.03	0.91	1.78	≤17.00	PASS
	total	5190	81.03	0.91	4.63	≤17.00	PASS
	Ant1	5230	81.03	0.91	2.37	≤17.00	PASS
	Ant2	5230	81.03	0.91	1.71	≤17.00	PASS
	total	5230	81.03	0.91	5.06	≤17.00	PASS
	Ant1	5755	81.03	0.91	-1.39	≤30.00	PASS
	Ant2	5755	81.03	0.91	-1.23	≤30.00	PASS
	total	5755	81.03	0.91	1.7	≤30.00	PASS
	Ant1	5795	81.03	0.91	-1.34	≤30.00	PASS
	Ant2	5795	81.03	0.91	0.25	≤30.00	PASS
	total	5795	81.03	0.91	2.54	≤30.00	PASS
11AC20MIMO	Ant1	5180	88.53	0.53	3.5	≤17.00	PASS
	Ant2	5180	88.53	0.53	3.8	≤17.00	PASS
	total	5180	88.53	0.53	6.66	≤17.00	PASS
	Ant1	5220	88.53	0.53	3.88	≤17.00	PASS
	Ant2	5220	88.53	0.53	3.64	≤17.00	PASS
	total	5220	88.53	0.53	6.77	≤17.00	PASS
	Ant1	5240	88.53	0.53	4.03	≤17.00	PASS

	Ant2	5240	88.53	0.53	3.75	≤17.00	PASS
	total	5240	88.53	0.53	6.9	≤17.00	PASS
	Ant1	5745	88.53	0.53	0.68	≤30.00	PASS
	Ant2	5745	88.53	0.53	1.4	≤30.00	PASS
	total	5745	88.53	0.53	4.07	≤30.00	PASS
	Ant1	5785	88.53	0.53	1.17	≤30.00	PASS
	Ant2	5785	88.53	0.53	1.49	≤30.00	PASS
	total	5785	88.53	0.53	4.34	≤30.00	PASS
	Ant1	5825	88.53	0.53	1.22	≤30.00	PASS
	Ant2	5825	88.53	0.53	1.2	≤30.00	PASS
	total	5825	88.53	0.53	4.22	≤30.00	PASS
11AC40MIMO	Ant1	5190	81.20	0.90	2.06	≤17.00	PASS
	Ant2	5190	81.20	0.90	2.16	≤17.00	PASS
	total	5190	81.20	0.90	5.12	≤17.00	PASS
	Ant1	5230	81.20	0.90	1.86	≤17.00	PASS
	Ant2	5230	81.20	0.90	1.69	≤17.00	PASS
	total	5230	81.20	0.90	4.79	≤17.00	PASS
	Ant1	5755	81.20	0.90	-1.14	≤30.00	PASS
	Ant2	5755	81.20	0.90	-1.41	≤30.00	PASS
	total	5755	81.20	0.90	1.74	≤30.00	PASS
	Ant1	5795	81.20	0.90	-1.64	≤30.00	PASS
	Ant2	5795	81.20	0.90	-1.43	≤30.00	PASS
	total	5795	81.20	0.90	1.48	≤30.00	PASS
11AC80MIMO	Ant1	5210	65.71	1.82	-1.46	≤17.00	PASS
	Ant2	5210	65.71	1.82	-1.17	≤17.00	PASS
	total	5210	65.71	1.82	1.7	≤17.00	PASS
	Ant1	5775	65.71	1.82	-4.23	≤30.00	PASS
	Ant2	5775	65.71	1.82	-4.71	≤30.00	PASS
	total	5775	65.71	1.82	-1.45	≤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/MHz]	Conducted PSD [dBm/470 kHz]	Conducted PSD [dBm/500 kHz]	Conducted Limit [dBm/500 kHz]	e.i.r.p. PSD [dBm/MHz]	e.i.r.p. PSD Limit [dBm/MHz]	Verdict
11A	Ant1	5180	90.00	0.46	5.69	--	--	--	8.69	10	PASS
	Ant2	5180	90.00	0.46	5.56	--	--	--	8.56	10	PASS
	Ant1	5220	90.00	0.46	5.53	--	--	--	8.53	10	PASS
	Ant2	5220	90.00	0.46	5.64	--	--	--	8.64	10	PASS
	Ant1	5240	90.00	0.46	5.31	--	--	--	8.31	10	PASS
	Ant2	5240	90.00	0.46	5.58	--	--	--	8.58	10	PASS
	Ant1	5745	90.00	0.46	--	3.06	3.33	30	--	--	PASS
	Ant2	5745	90.00	0.46	--	2.26	2.53	30	--	--	PASS
	Ant1	5785	90.00	0.46	--	2.89	3.16	30	--	--	PASS
	Ant2	5785	90.00	0.46	--	2.87	3.14	30	--	--	PASS
	Ant1	5825	90.00	0.46	--	3.29	3.56	30	--	--	PASS
	Ant2	5825	90.00	0.46	--	1.71	1.98	30	--	--	PASS
11N20MI MO	Ant1	5180	91.00	0.41	3.5	--	--	--	6.5	10	PASS
	Ant2	5180	91.00	0.41	3.03	--	--	--	6.03	10	PASS
	total	5180	91.00	0.41	6.28	--	--	--	9.28	10	PASS

			00								S
	Ant1	5220	91. 00	0.41	3.86	--	--	--	6.86	10	PAS S
	Ant2	5220	91. 00	0.41	3.84	--	--	--	6.84	10	PAS S
	total	5220	91. 00	0.41	6.86	--	--	--	9.86	10	PAS S
	Ant1	5240	91. 00	0.41	3.79	--	--	--	6.79	10	PAS S
	Ant2	5240	91. 00	0.41	3.82	--	--	--	6.82	10	PAS S
	total	5240	91. 00	0.41	6.82	--	--	--	9.82	10	PAS S
	Ant1	5745	91. 00	0.41	--	0.7	0.97	30	--	--	PAS S
	Ant2	5745	91. 00	0.41	--	0.61	0.88	30	--	--	PAS S
	total	5745	91. 00	0.41	--	3.67	3.94	30	--	--	PAS S
	Ant1	5785	91. 00	0.41	--	1.51	1.78	30	--	--	PAS S
	Ant2	5785	91. 00	0.41	--	1.33	1.6	30	--	--	PAS S
	total	5785	91. 00	0.41	--	4.43	4.7	30	--	--	PAS S
	Ant1	5825	91. 00	0.41	--	1.08	1.35	30	--	--	PAS S
	Ant2	5825	91. 00	0.41	--	1.56	1.83	30	--	--	PAS S
	total	5825	91. 00	0.41	--	4.34	4.61	30	--	--	PAS S
11N40MI MO	Ant1	5190	81. 03	0.91	1.46	--	--	--	4.46	10	PAS S
	Ant2	5190	81. 03	0.91	1.78	--	--	--	4.78	10	PAS S
	total	5190	81.	0.91	4.63	--	--	--	7.63	10	PAS

			03								S
	Ant1	5230	81. 03	0.91	2.37	--	--	--	5.37	10	PAS S
	Ant2	5230	81. 03	0.91	1.71	--	--	--	4.71	10	PAS S
	total	5230	81. 03	0.91	5.06	--	--	--	8.06	10	PAS S
	Ant1	5755	81. 03	0.91	--	-1.39	-1.12	30	--	--	PAS S
	Ant2	5755	81. 03	0.91	--	-1.23	-0.96	30	--	--	PAS S
	total	5755	81. 03	0.91	--	1.7	1.97	30	--	--	PAS S
	Ant1	5795	81. 03	0.91	--	-1.34	-1.07	30	--	--	PAS S
	Ant2	5795	81. 03	0.91	--	0.25	0.52	30	--	--	PAS S
	total	5795	81. 03	0.91	--	2.54	2.81	30	--	--	PAS S
11AC20 MIMO	Ant1	5180	88. 53	0.53	3.5	--	--	--	6.5	10	PAS S
	Ant2	5180	88. 53	0.53	3.8	--	--	--	6.8	10	PAS S
	total	5180	88. 53	0.53	6.66	--	--	--	9.66	10	PAS S
	Ant1	5220	88. 53	0.53	3.88	--	--	--	6.88	10	PAS S
	Ant2	5220	88. 53	0.53	3.64	--	--	--	6.64	10	PAS S
	total	5220	88. 53	0.53	6.77	--	--	--	9.77	10	PAS S
	Ant1	5240	88. 53	0.53	4.03	--	--	--	7.03	10	PAS S
	Ant2	5240	88. 53	0.53	3.75	--	--	--	6.75	10	PAS S
	total	5240	88.	0.53	6.9	--	--	--	9.9	10	PAS

			53								S
	Ant1	5745	88. 53	0.53	--	0.68	0.95	30	--	--	PAS S
	Ant2	5745	88. 53	0.53	--	1.4	1.67	30	--	--	PAS S
	total	5745	88. 53	0.53	--	4.07	4.34	30	--	--	PAS S
	Ant1	5785	88. 53	0.53	--	1.17	1.44	30	--	--	PAS S
	Ant2	5785	88. 53	0.53	--	1.49	1.76	30	--	--	PAS S
	total	5785	88. 53	0.53	--	4.34	4.61	30	--	--	PAS S
	Ant1	5825	88. 53	0.53	--	1.22	1.49	30	--	--	PAS S
	Ant2	5825	88. 53	0.53	--	1.2	1.47	30	--	--	PAS S
	total	5825	88. 53	0.53	--	4.22	4.49	30	--	--	PAS S
11AC40 MIMO	Ant1	5190	81. 20	0.90	2.06	--	--	--	5.06	10	PAS S
	Ant2	5190	81. 20	0.90	2.16	--	--	--	5.16	10	PAS S
	total	5190	81. 20	0.90	5.12	--	--	--	8.12	10	PAS S
	Ant1	5230	81. 20	0.90	1.86	--	--	--	4.86	10	PAS S
	Ant2	5230	81. 20	0.90	1.69	--	--	--	4.69	10	PAS S
	total	5230	81. 20	0.90	4.79	--	--	--	7.79	10	PAS S
	Ant1	5755	81. 20	0.90	--	-1.14	-0.87	30	--	--	PAS S
	Ant2	5755	81. 20	0.90	--	-1.41	-1.14	30	--	--	PAS S
	total	5755	81.	0.90	--	1.74	2.01	30	--	--	PAS

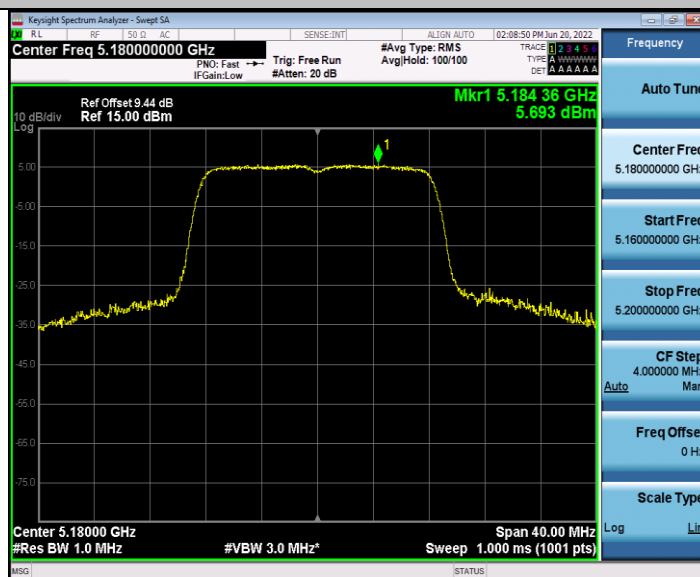
			20								S
	Ant1	5795	81. 20	0.90	--	-1.64	-1.37	30	--	--	PAS S
	Ant2	5795	81. 20	0.90	--	-1.43	-1.16	30	--	--	PAS S
	total	5795	81. 20	0.90	--	1.48	1.75	30	--	--	PAS S
11AC80 MIMO	Ant1	5210	65. 71	1.82	-1.46	--	--	--	1.54	10	PAS S
	Ant2	5210	65. 71	1.82	-1.17	--	--	--	1.83	10	PAS S
	total	5210	65. 71	1.82	1.7	--	--	--	4.7	10	PAS S
	Ant1	5775	65. 71	1.82	--	-4.23	-3.96	30	--	--	PAS S
	Ant2	5775	65. 71	1.82	--	-4.71	-4.44	30	--	--	PAS S
	total	5775	65. 71	1.82	--	-1.45	-1.18	30	--	--	PAS S

Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

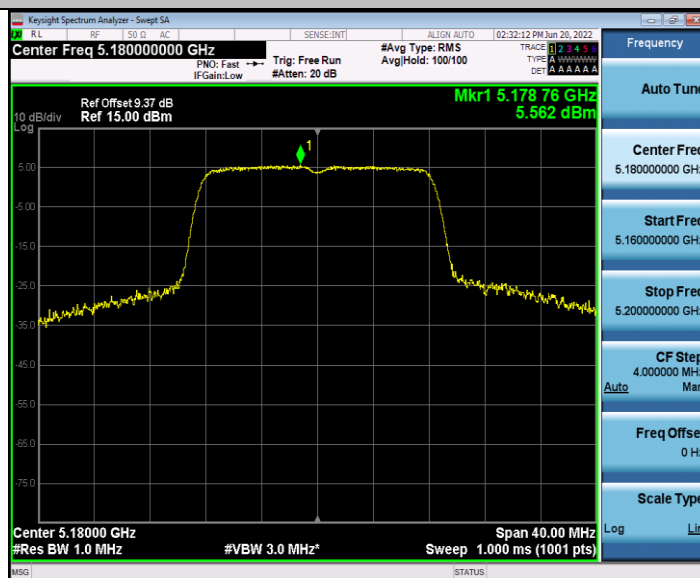
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

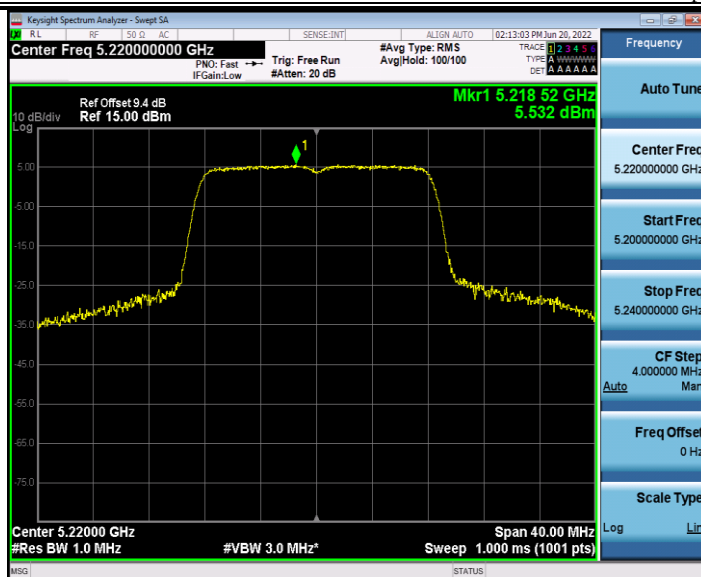
11A_Ant1_5180



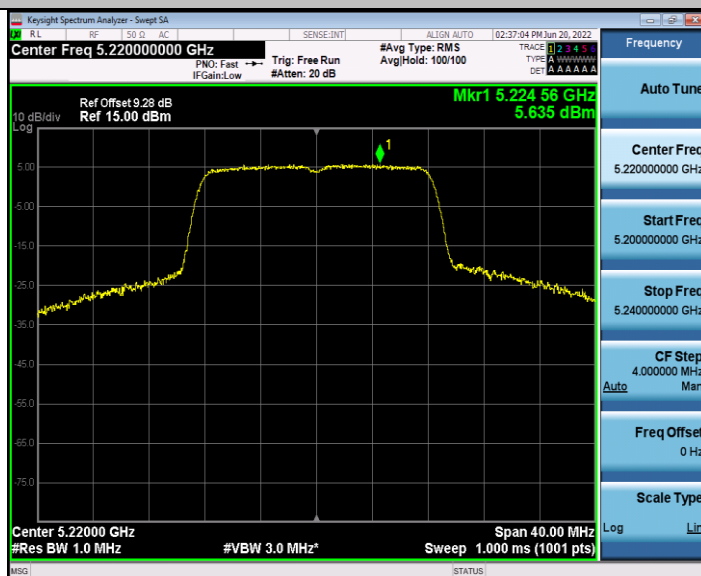
11A_Ant2_5180



11A_Ant1_5220



11A_Ant2_5220



11A_Ant1_5240



11A_Ant2_5240



11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



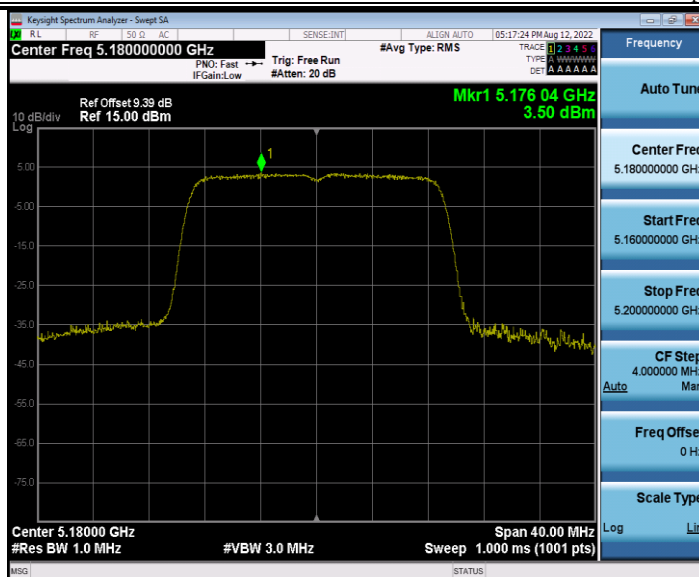
11A_Ant1_5825



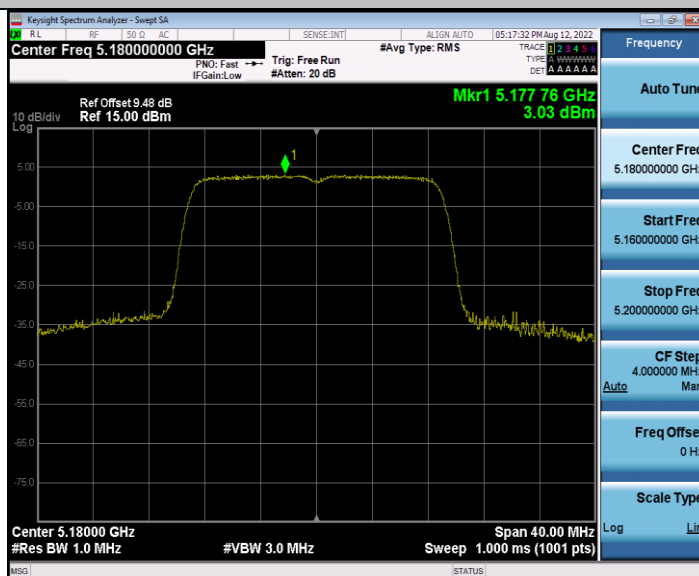
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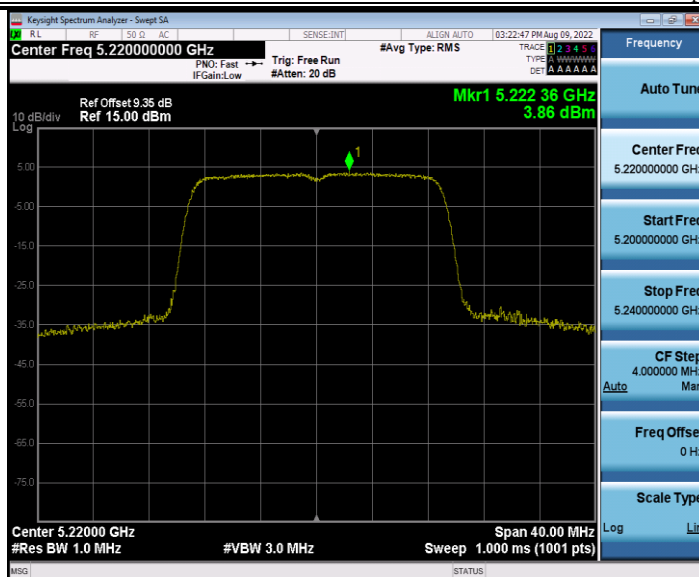
11N20MIMO_Ant1_5180



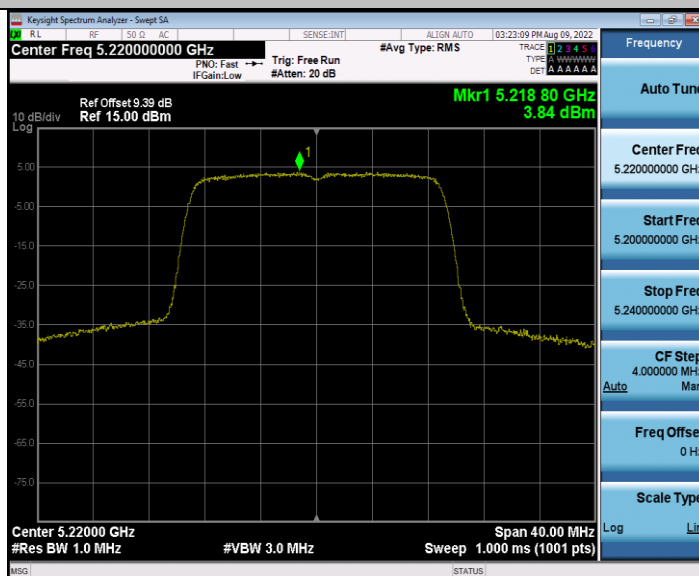
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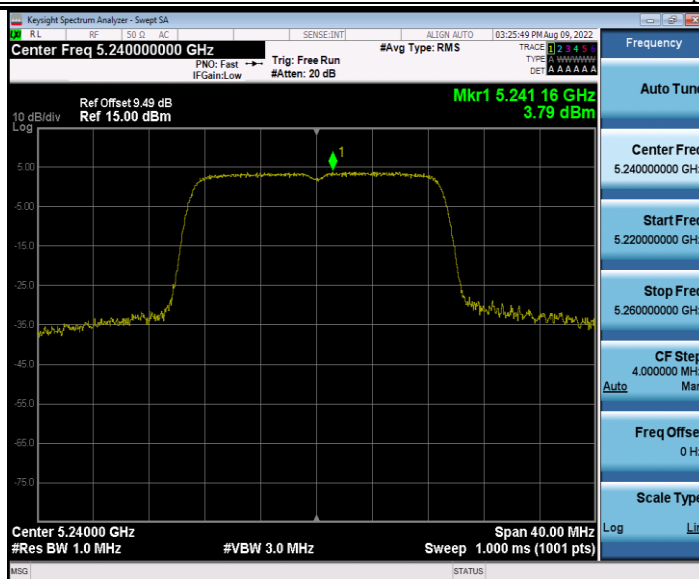
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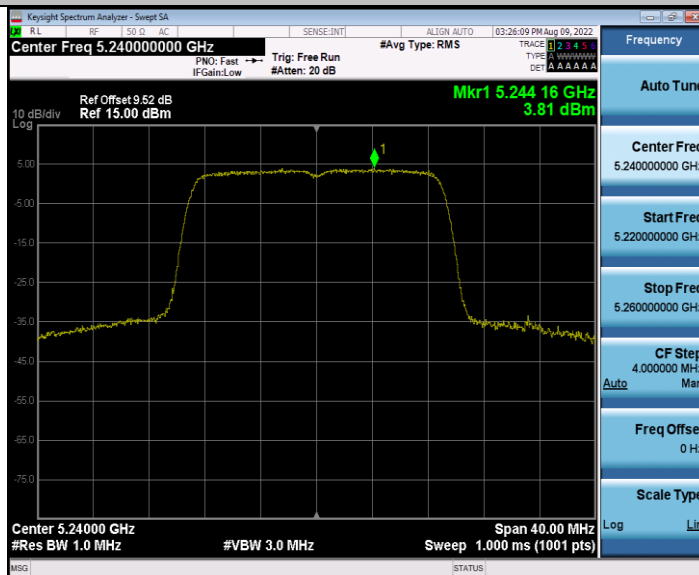
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11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



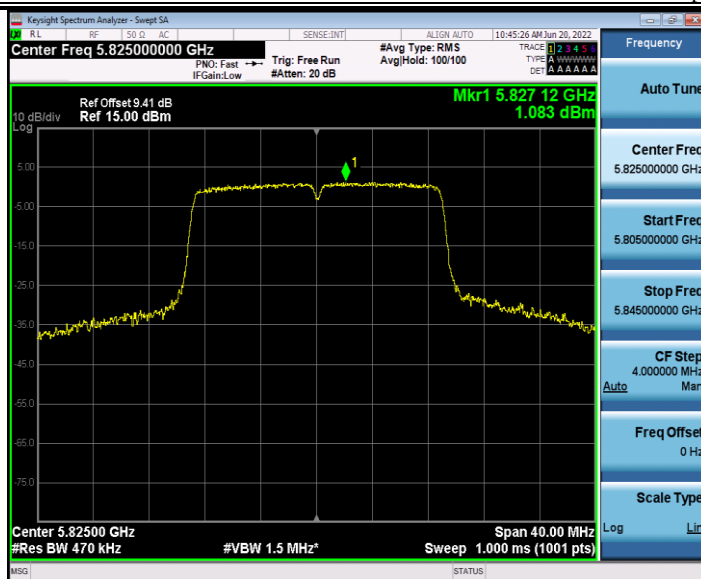
11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



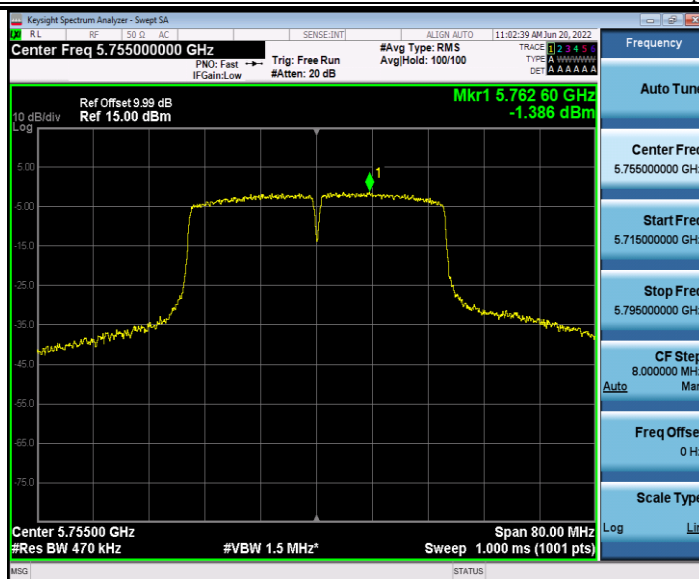
11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5755



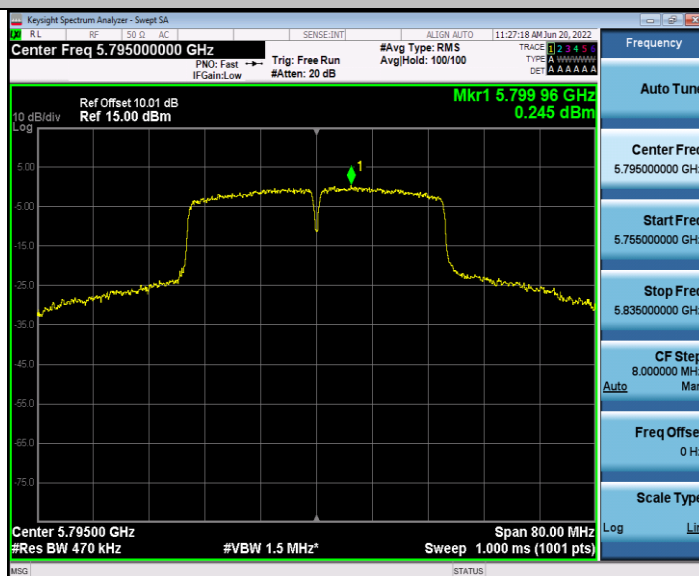
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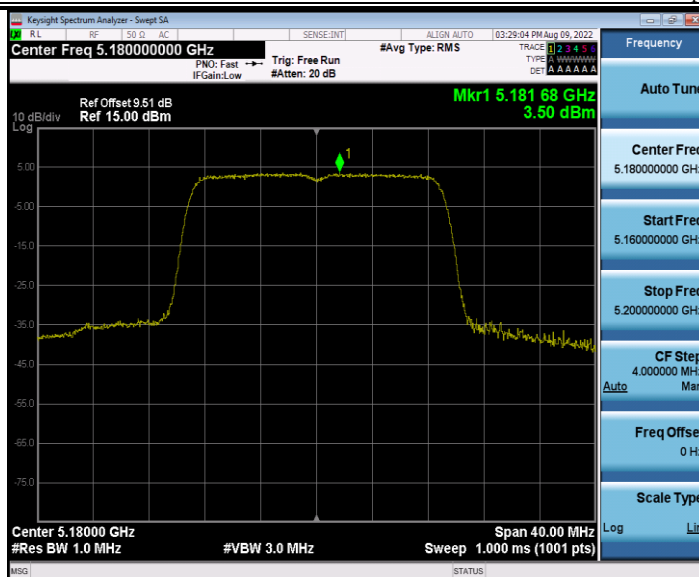
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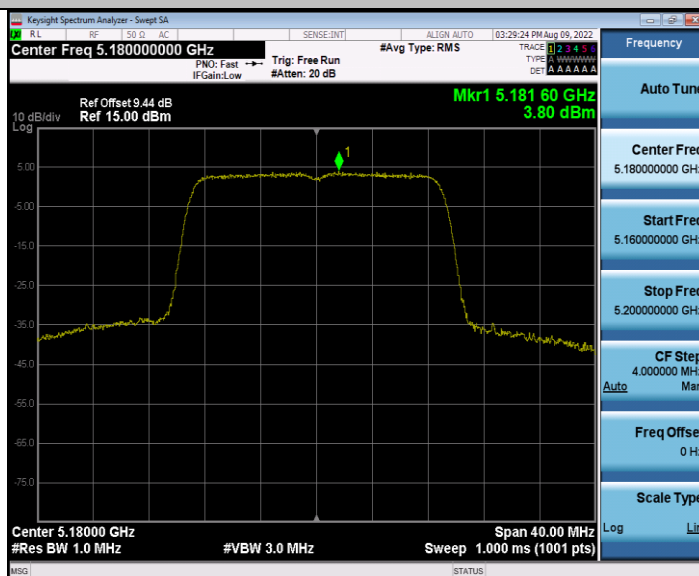
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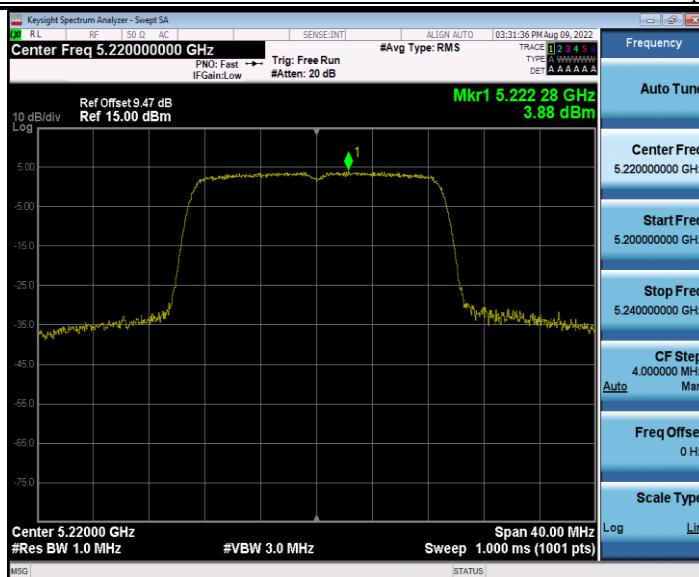
11AC20MIMO_Ant1_5180



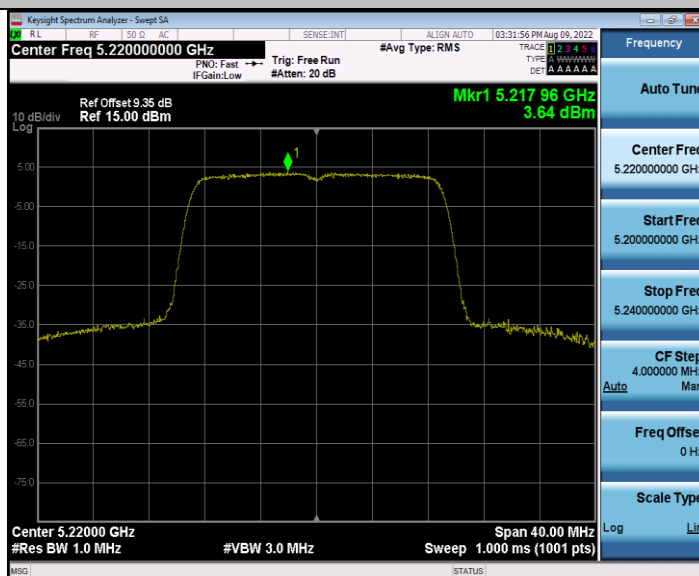
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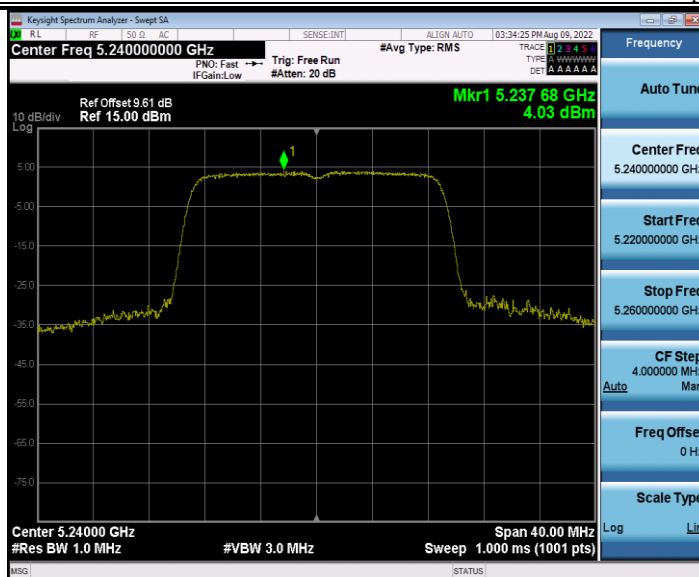
11AC20MIMO_Ant1_5220



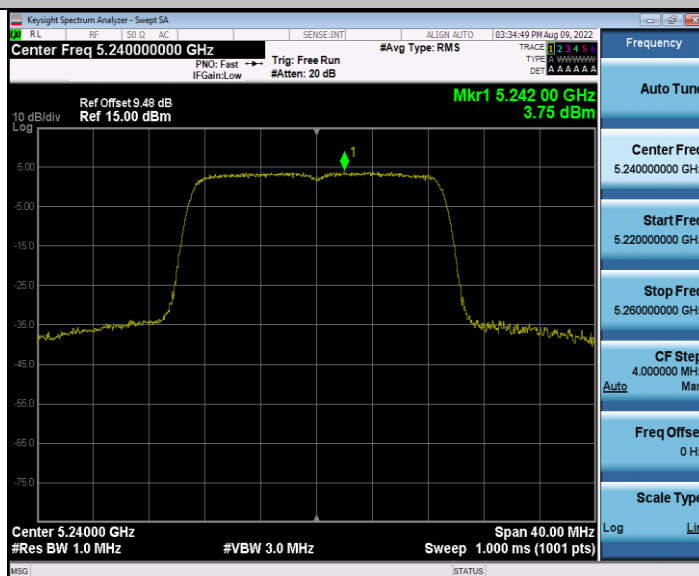
11AC20MIMO_Ant2_5220



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785