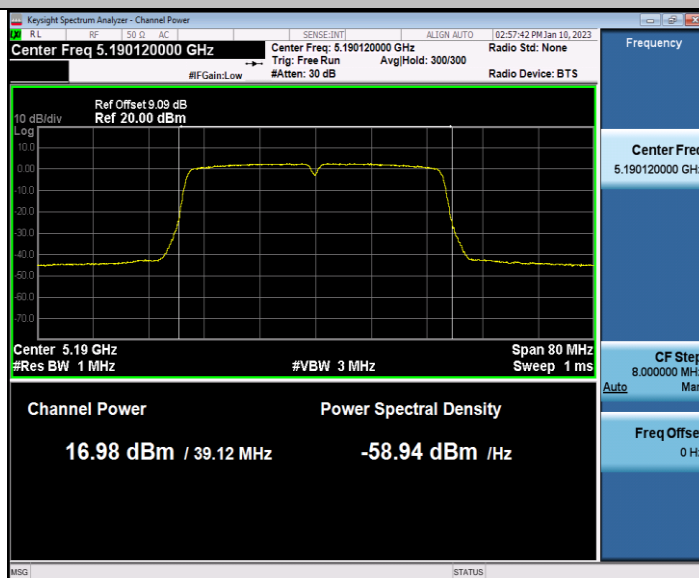


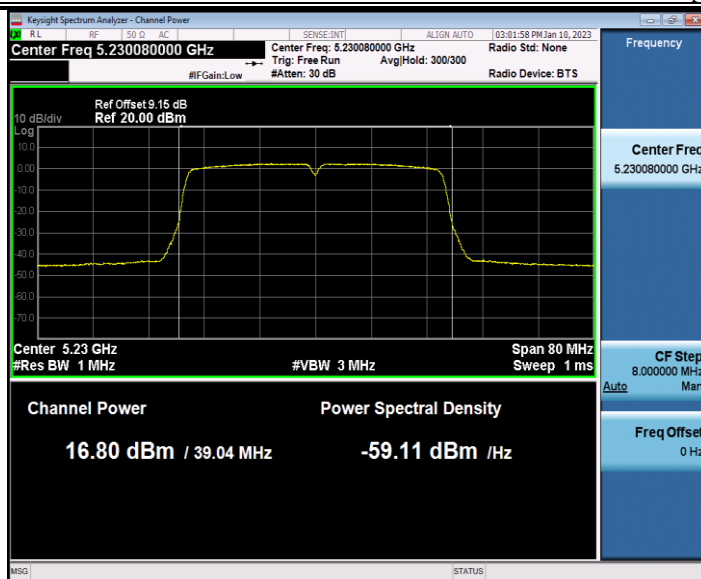
11N40MIMO_Ant1_5190



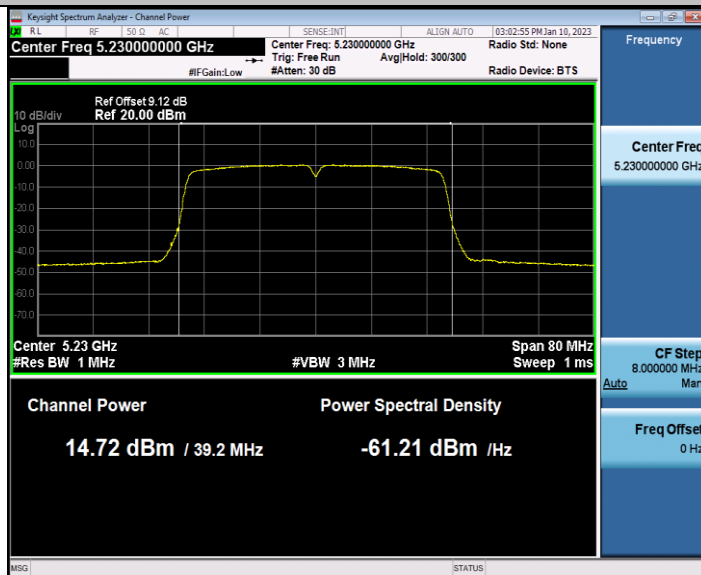
11N40MIMO_Ant2_5190



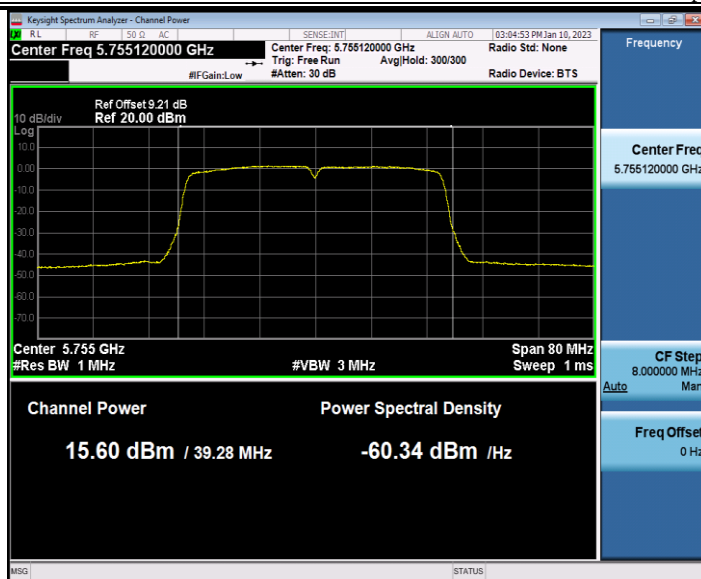
11N40MIMO_Ant1_5230



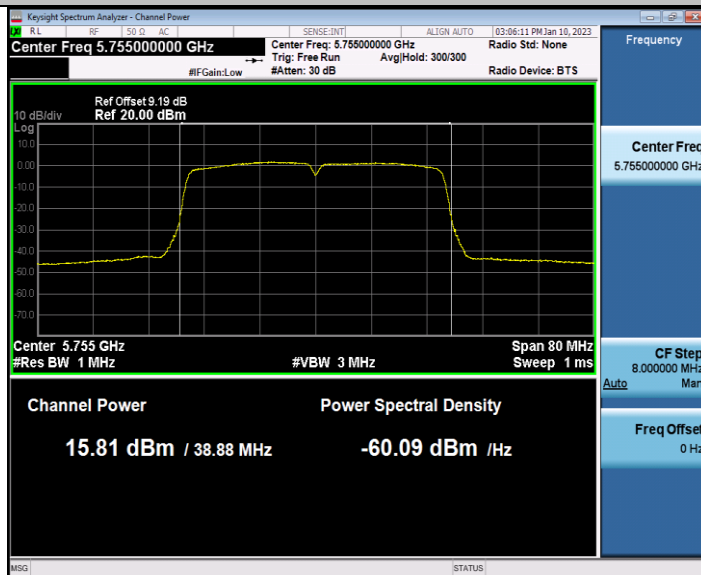
11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5755



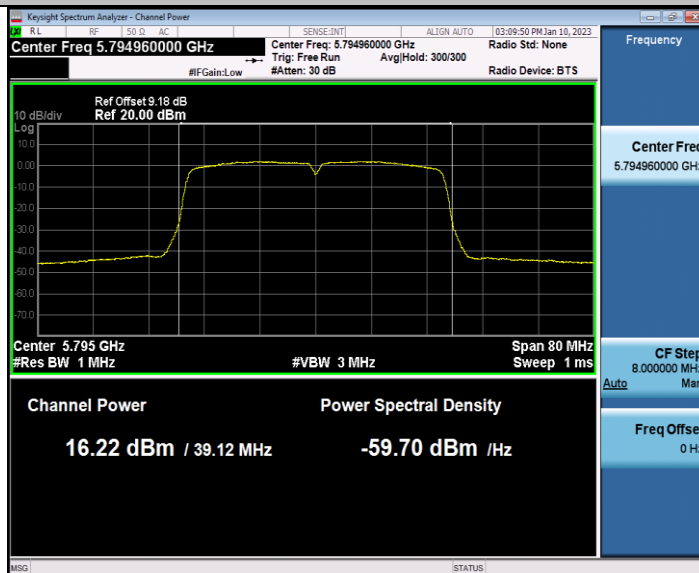
11N40MIMO_Ant2_5755



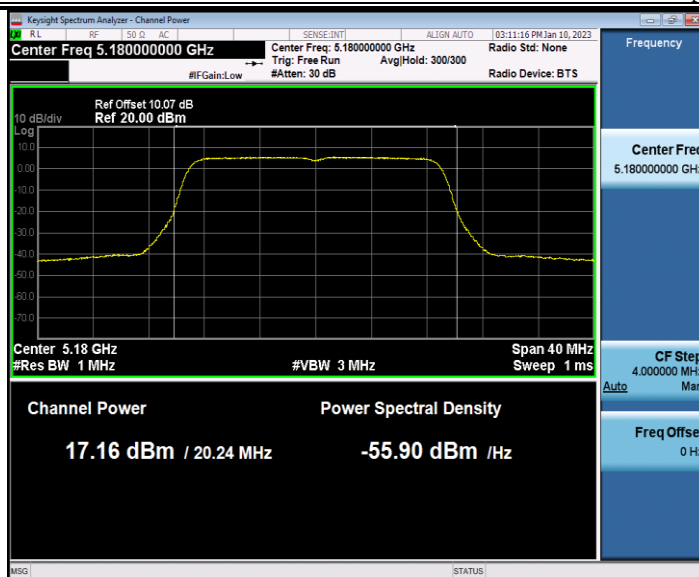
11N40MIMO_Ant1_5795



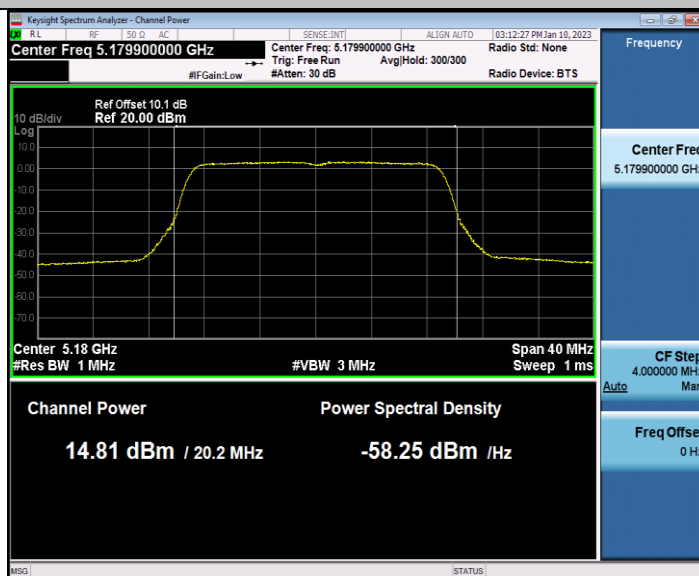
11N40MIMO_Ant2_5795



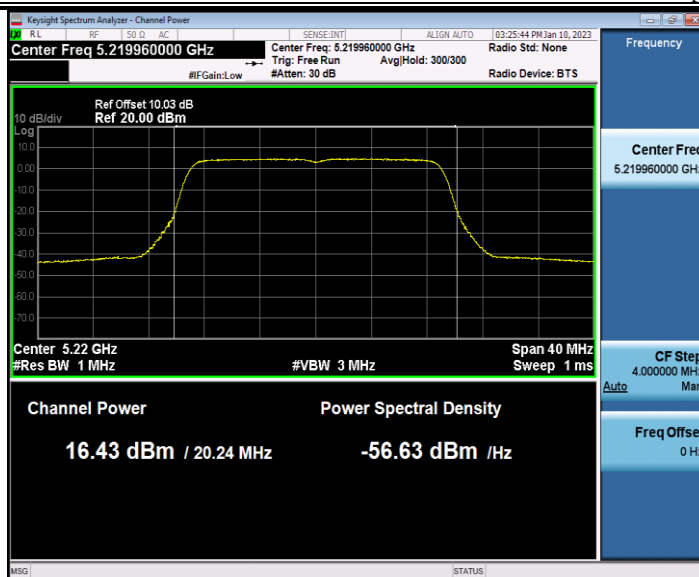
11AC20MIMO_Ant1_5180



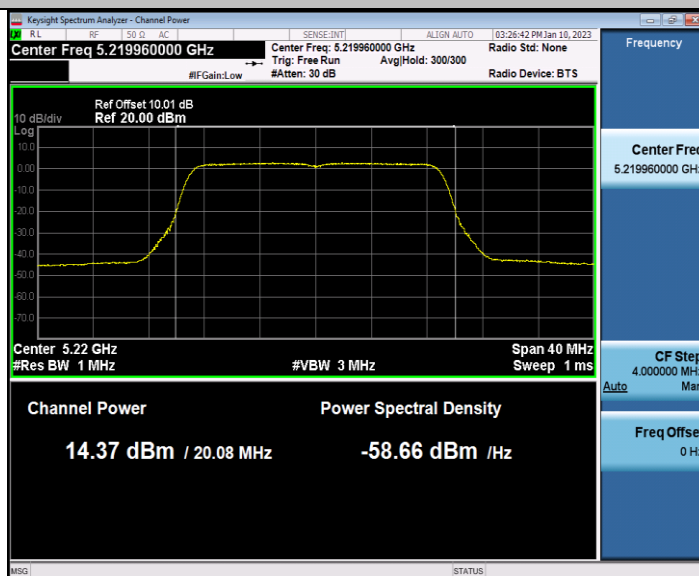
11AC20MIMO_Ant2_5180



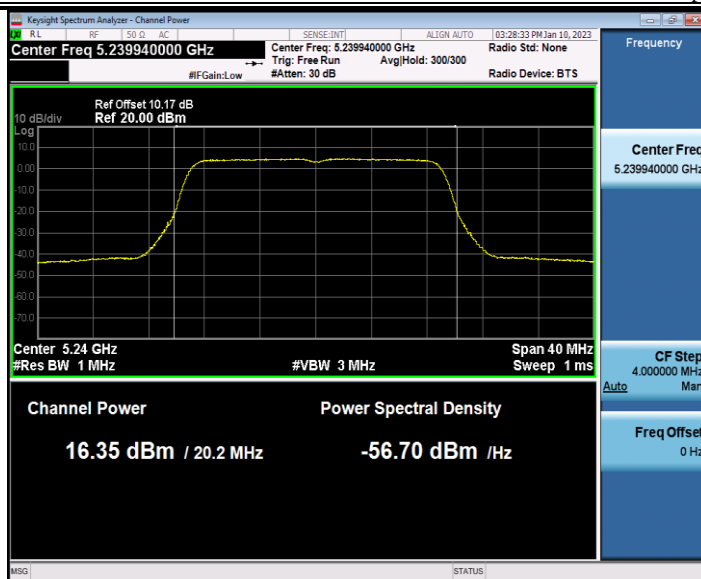
11AC20MIMO_Ant1_5220



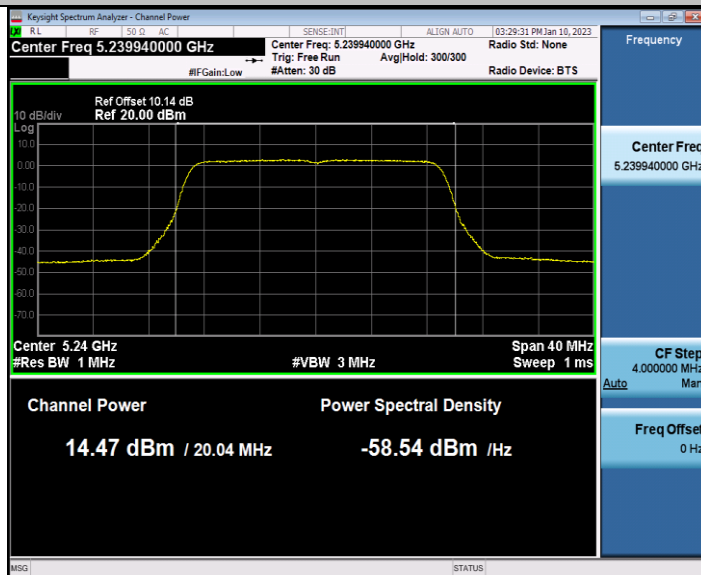
11AC20MIMO_Ant2_5220



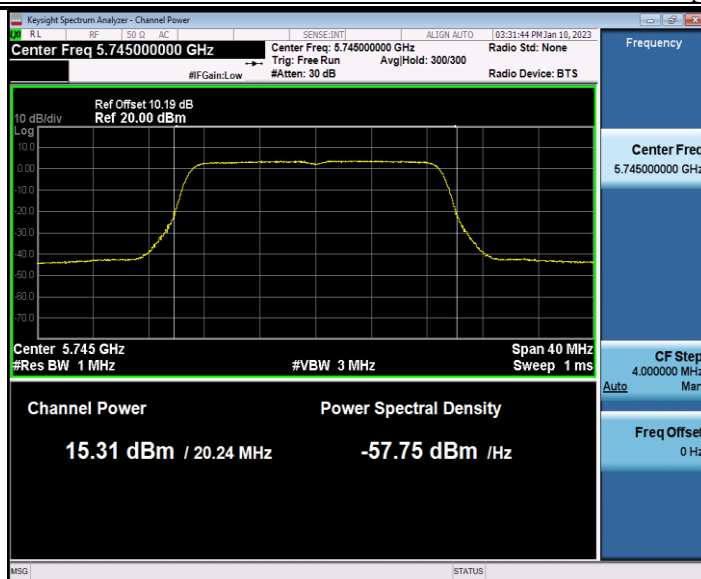
11AC20MIMO_Ant1_5240



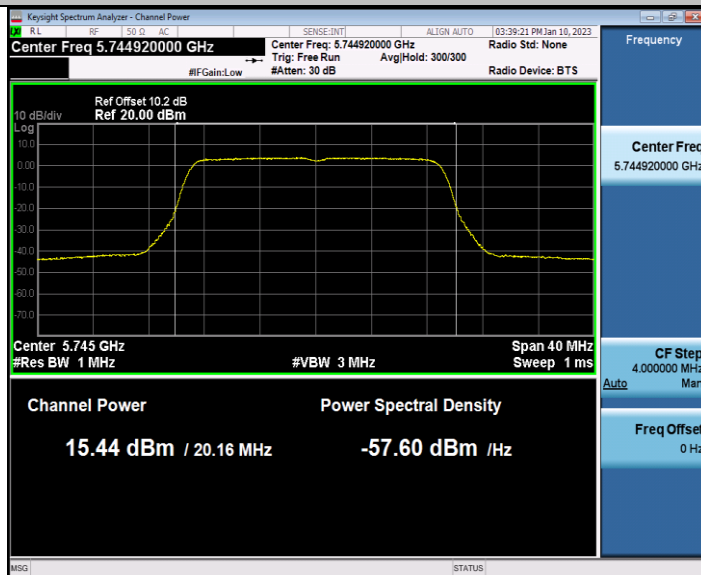
11AC20MIMO_Ant2_5240



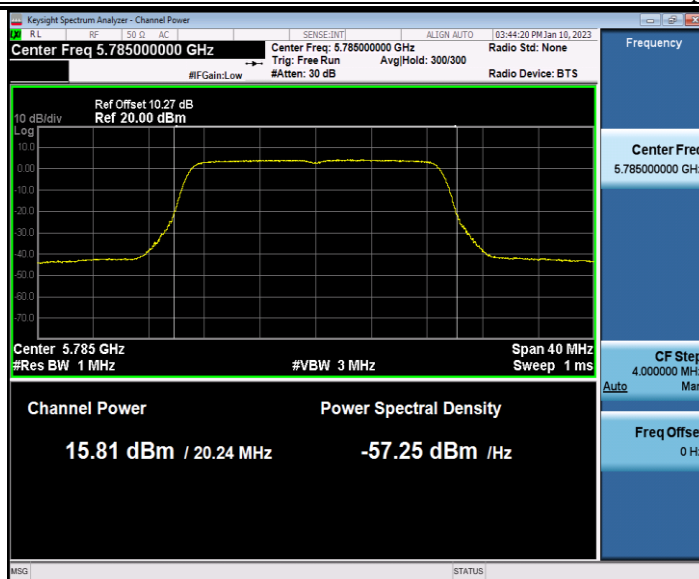
11AC20MIMO_Ant1_5745



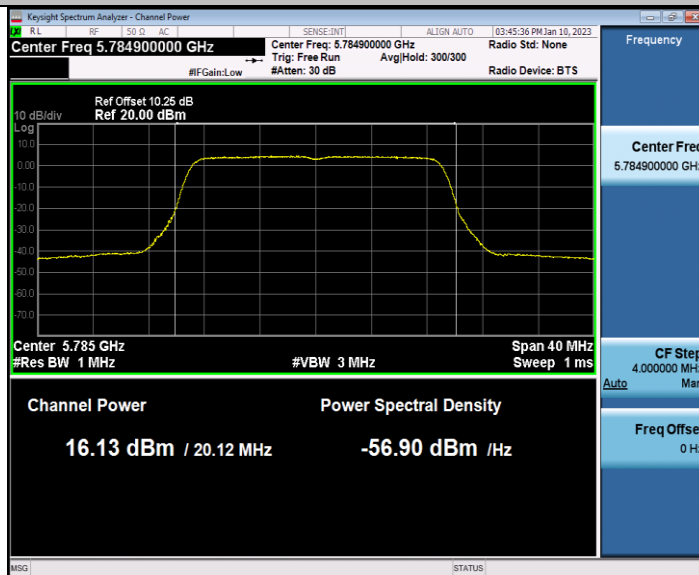
11AC20MIMO_Ant2_5745



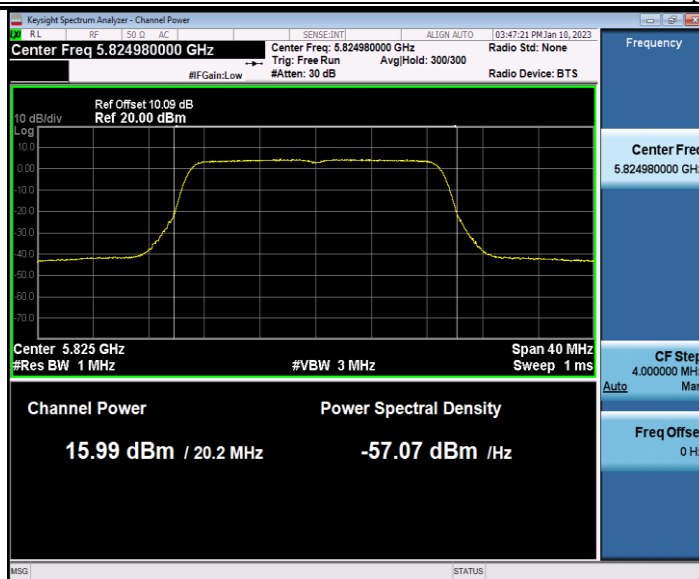
11AC20MIMO_Ant1_5785



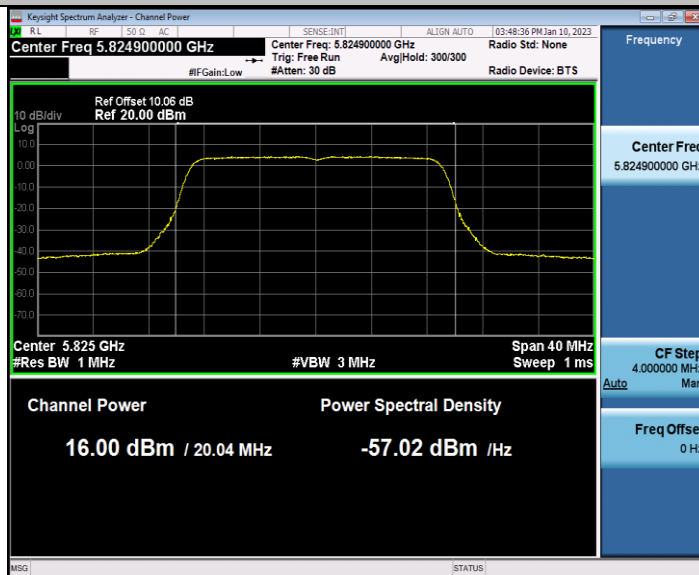
11AC20MIMO_Ant2_5785



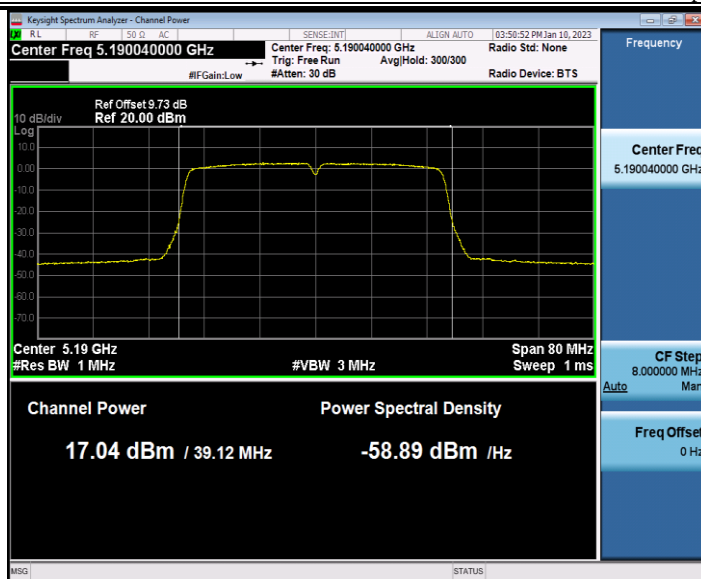
11AC20MIMO_Ant1_5825



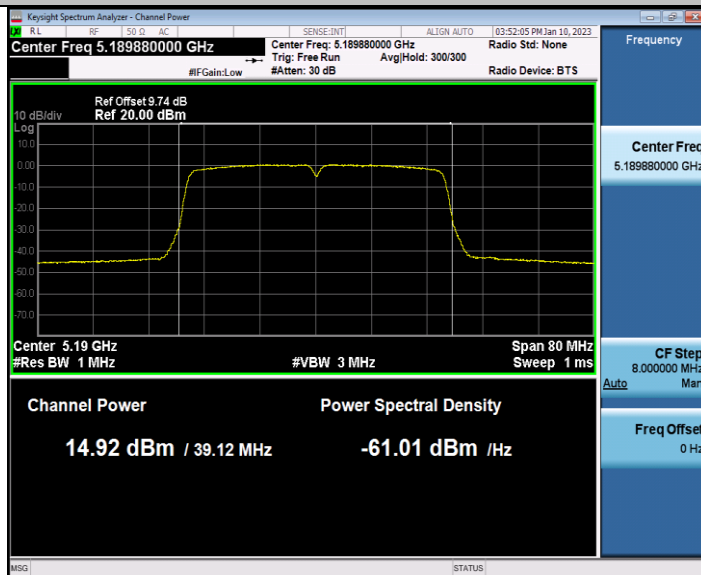
11AC20MIMO_Ant2_5825



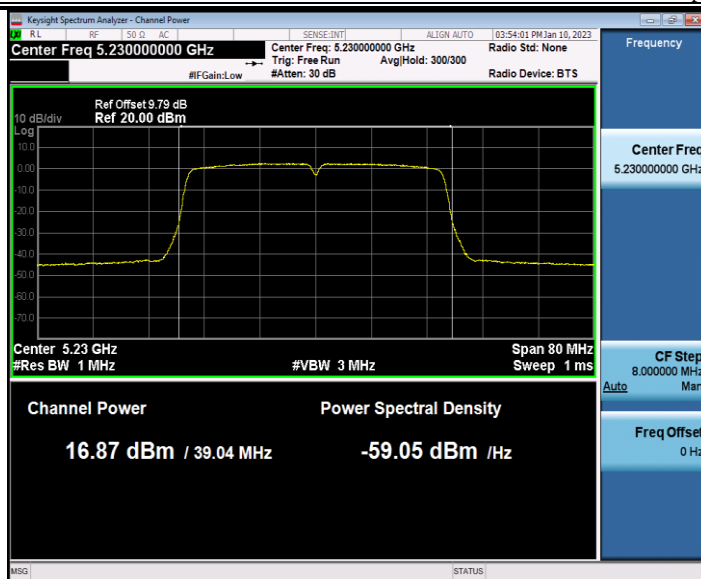
11AC40MIMO_Ant1_5190



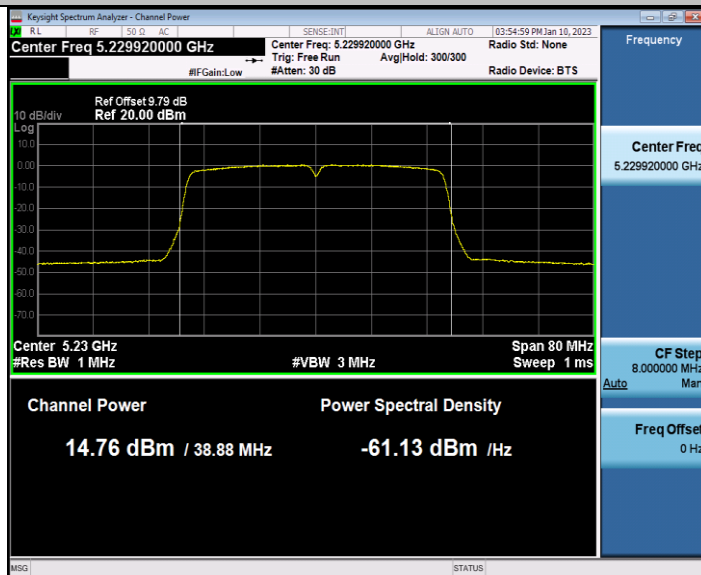
11AC40MIMO_Ant2_5190



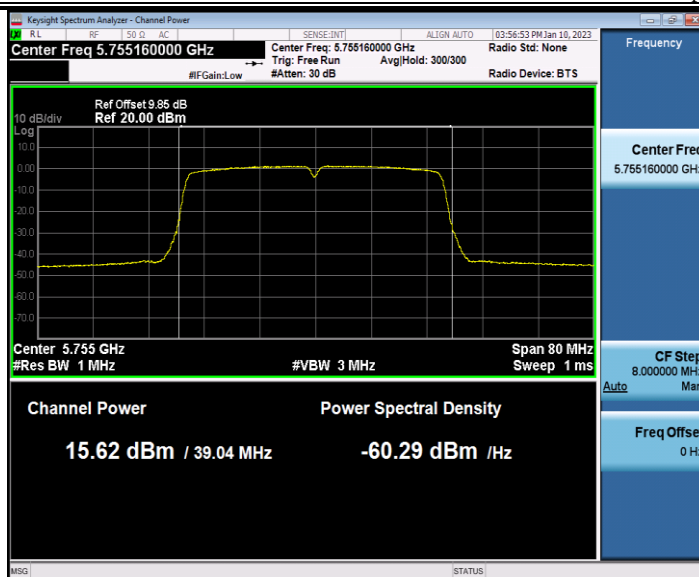
11AC40MIMO_Ant1_5230



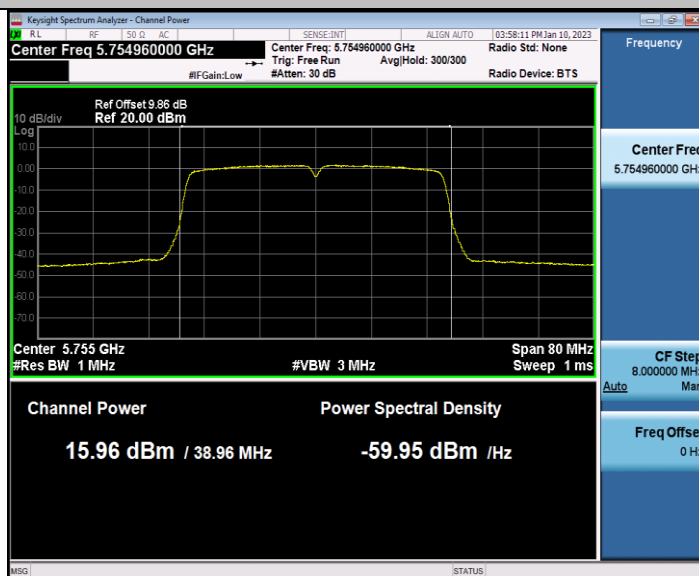
11AC40MIMO_Ant2_5230



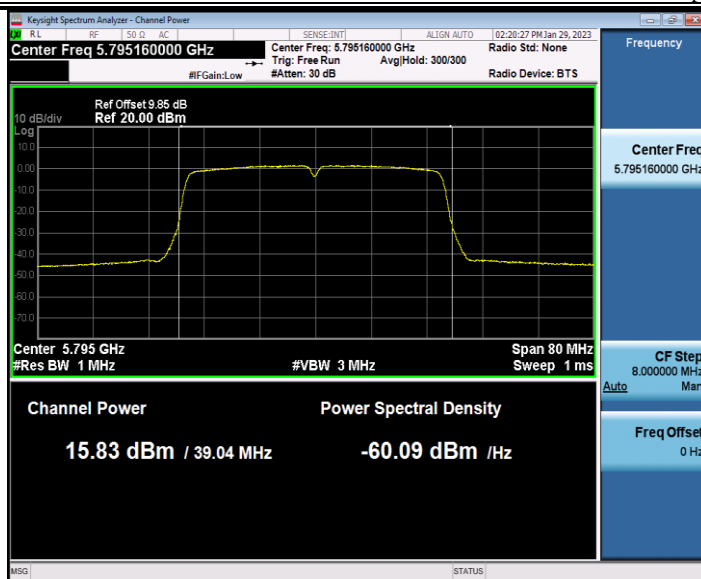
11AC40MIMO_Ant1_5755



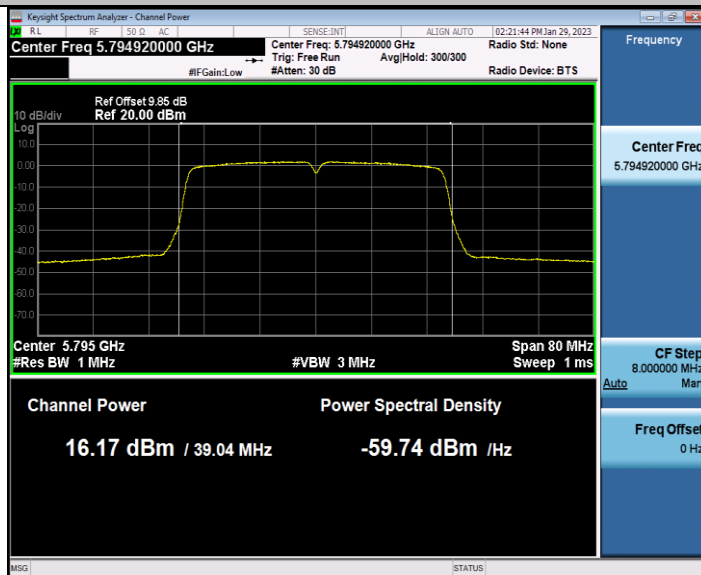
11AC40MIMO_Ant2_5755



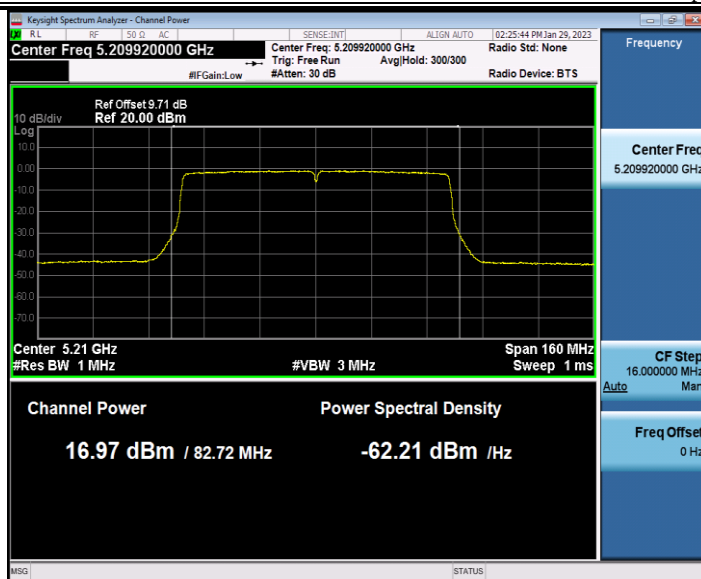
11AC40MIMO_Ant1_5795



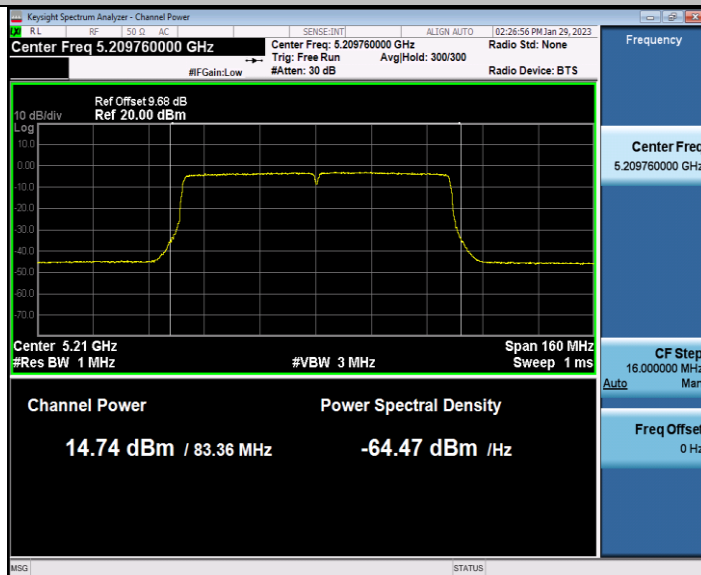
11AC40MIMO_Ant2_5795



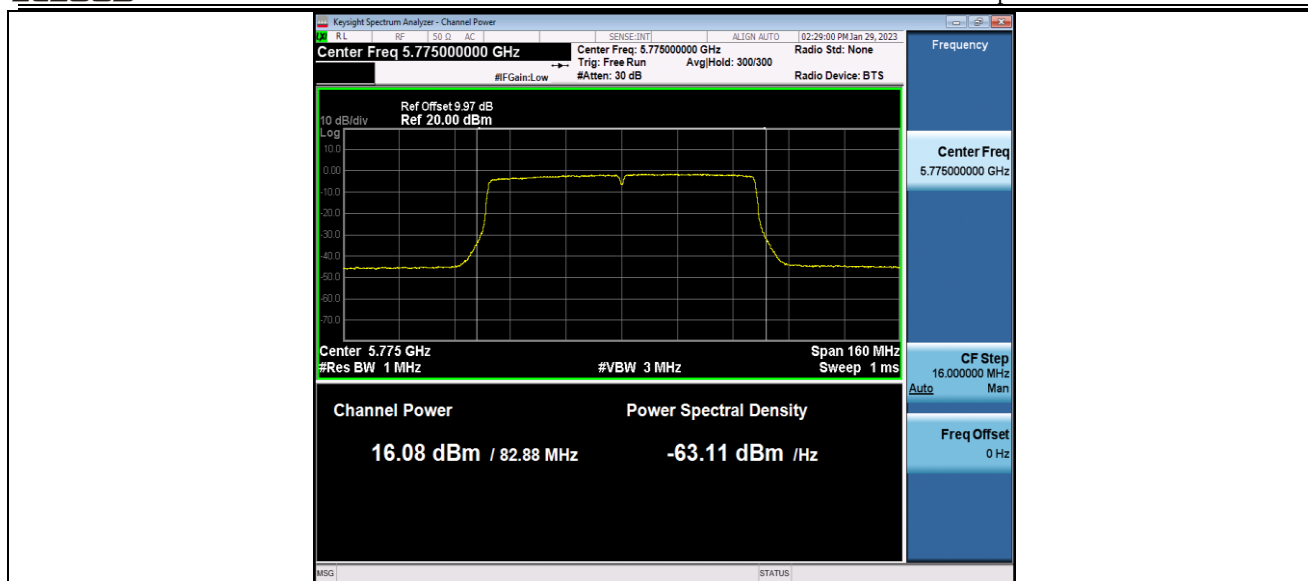
11AC80MIMO_Ant1_5210



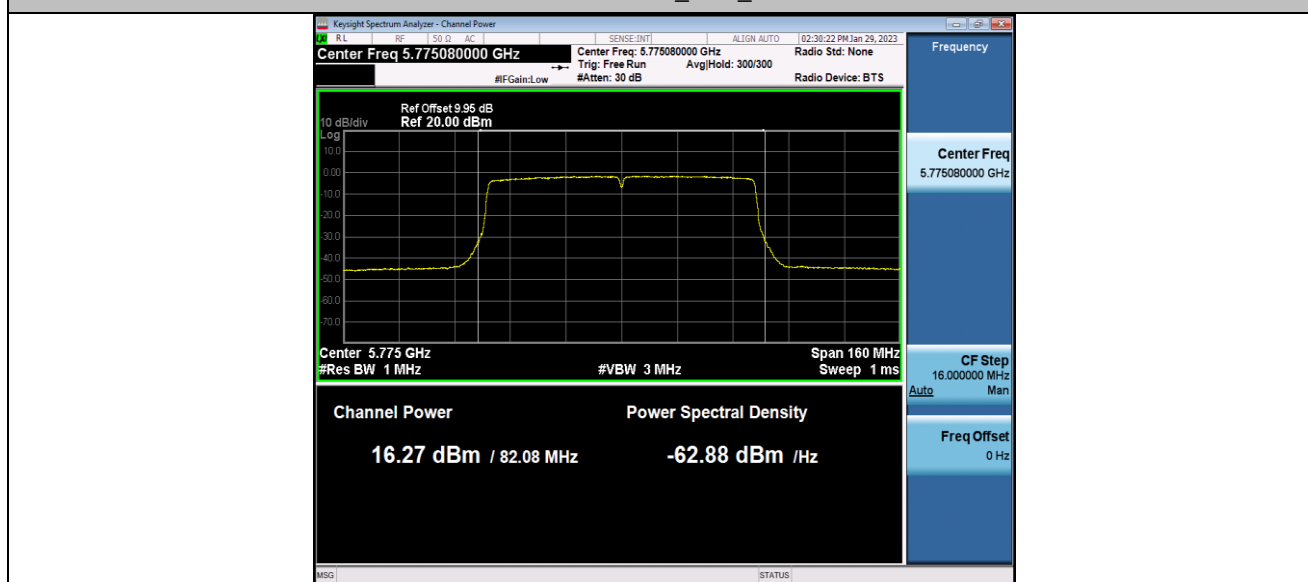
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix C: Maximum power spectral density

Test Result

FCC

TestMode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor (dB)	Result [dBm/MHz]	Result [dBm/470kHz]	Result [dBm/5000kHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	95.81	0.19	6.13	---	---	≤11.00	PASS
	Ant2	5180	95.81	0.19	6.43	---	---	≤11.00	PASS
	Ant1	5220	95.81	0.19	5.93	---	---	≤11.00	PASS
	Ant2	5220	95.81	0.19	6.24	---	---	≤11.00	PASS
	Ant1	5240	95.81	0.19	5.66	---	---	≤11.00	PASS
	Ant2	5240	95.81	0.19	6.16	---	---	≤11.00	PASS
	Ant1	5745	95.81	0.19	---	2.69	2.96	≤30.00	PASS
	Ant2	5745	95.81	0.19	---	2.44	2.71	≤30.00	PASS
	Ant1	5785	95.81	0.19	---	3.01	3.28	≤30.00	PASS
	Ant2	5785	95.81	0.19	---	3.63	3.90	≤30.00	PASS
	Ant1	5825	95.81	0.19	---	2.79	3.06	≤30.00	PASS
	Ant2	5825	95.81	0.19	---	2.89	3.16	≤30.00	PASS
11N20MIMO	Ant1	5180	98.25	0.08	5.77	---	---	≤11.00	PASS
	Ant2	5180	98.2	0.08	3.8	---	---	≤11.00	PASS

			5						
	total	5180	98.2 5	0.08	7.91	---	---	≤11.00	PASS
	Ant1	5220	98.2 5	0.08	5.36	---	---	≤11.00	PASS
	Ant2	5220	98.2 5	0.08	3.31	---	---	≤11.00	PASS
	total	5220	98.2 5	0.08	7.47	---	---	≤11.00	PASS
	Ant1	5240	98.2 5	0.08	5.19	---	---	≤11.00	PASS
	Ant2	5240	98.2 5	0.08	3.65	---	---	≤11.00	PASS
	total	5240	98.2 5	0.08	7.5	---	---	≤11.00	PASS
	Ant1	5745	98.2 5	0.08	---	1.45	1.72	≤30.00	PASS
	Ant2	5745	98.2 5	0.08	---	1.95	2.22	≤30.00	PASS
	total	5745	98.2 5	0.08	---	---	4.99	≤30.00	PASS
	Ant1	5785	98.2 5	0.08	---	1.06	1.33	≤30.00	PASS
	Ant2	5785	98.2 5	0.08	---	1.63	1.90	≤30.00	PASS
	total	5785	98.2 5	0.08	---	---	4.63	≤30.00	PASS
	Ant1	5825	98.2 5	0.08	---	1.36	1.63	≤30.00	PASS
	Ant2	5825	98.2 5	0.08	---	1.61	1.88	≤30.00	PASS
	total	5825	98.2 5	0.08	---	---	4.77	≤30.00	PASS
11N40MIM O	Ant1	5190	97.0 3	0.13	2.63	---	---	≤11.00	PASS
	Ant2	5190	97.0	0.13	0.88	---	---	≤11.00	PASS

			3						
	total	5190	97.0 3	0.13	4.85	---	---	≤11.00	PASS
	Ant1	5230	97.0 3	0.13	2.51	---	---	≤11.00	PASS
	Ant2	5230	97.0 3	0.13	0.55	---	---	≤11.00	PASS
	total	5230	97.0 3	0.13	4.65	---	---	≤11.00	PASS
	Ant1	5755	97.0 3	0.13	---	-1.54	-1.27	≤30.00	PASS
	Ant2	5755	97.0 3	0.13	---	-0.92	-0.65	≤30.00	PASS
	total	5755	97.0 3	0.13	---	---	2.06	≤30.00	PASS
	Ant1	5795	97.0 3	0.13	---	-1.4	-1.13	≤30.00	PASS
	Ant2	5795	97.0 3	0.13	---	-0.98	-0.71	≤30.00	PASS
	total	5795	97.0 3	0.13	---	---	2.09	≤30.00	PASS
11AC20MI MO	Ant1	5180	77.8 2	1.09	5.53	---	---	≤11.00	PASS
	Ant2	5180	77.8 2	1.09	3.83	---	---	≤11.00	PASS
	total	5180	77.8 2	1.09	7.77	---	---	≤11.00	PASS
	Ant1	5220	77.8 2	1.09	5.4	---	---	≤11.00	PASS
	Ant2	5220	77.8 2	1.09	3.25	---	---	≤11.00	PASS
	total	5220	77.8 2	1.09	7.47	---	---	≤11.00	PASS
	Ant1	5240	77.8 2	1.09	5	---	---	≤11.00	PASS
	Ant2	5240	77.8	1.09	3.21	---	---	≤11.00	PASS

			2						
	total	5240	77.8 2	1.09	7.21	---	---	≤11.00	PASS
	Ant1	5745	77.8 2	1.09	---	0.87	1.14	≤30.00	PASS
	Ant2	5745	77.8 2	1.09	---	1.04	1.31	≤30.00	PASS
	total	5745	77.8 2	1.09	---	---	4.23	≤30.00	PASS
	Ant1	5785	77.8 2	1.09	---	1.17	1.44	≤30.00	PASS
	Ant2	5785	77.8 2	1.09	---	1.36	1.63	≤30.00	PASS
	total	5785	77.8 2	1.09	---	---	4.55	≤30.00	PASS
	Ant1	5825	77.8 2	1.09	---	1.46	1.73	≤30.00	PASS
	Ant2	5825	77.8 2	1.09	---	1.63	1.90	≤30.00	PASS
	total	5825	77.8 2	1.09	---	---	4.82	≤30.00	PASS
11AC40MI MO	Ant1	5190	83.6 7	0.77	2.7	---	---	≤11.00	PASS
	Ant2	5190	83.6 7	0.77	1.12	---	---	≤11.00	PASS
	total	5190	83.6 7	0.77	4.99	---	---	≤11.00	PASS
	Ant1	5230	83.6 7	0.77	2.87	---	---	≤11.00	PASS
	Ant2	5230	83.6 7	0.77	0.95	---	---	≤11.00	PASS
	total	5230	83.6 7	0.77	5.03	---	---	≤11.00	PASS
	Ant1	5755	83.6 7	0.77	---	-1.51	-1.24	≤30.00	PASS
	Ant2	5755	83.6	0.77	---	-0.87	-0.60	≤30.00	PASS

			7						
	total	5755	83.6 7	0.77	---	---	2.10	≤30.00	PASS
	Ant1	5795	83.6 7	0.77	---	-1.2	-0.93	≤30.00	PASS
	Ant2	5795	83.6 7	0.77	---	-1.22	-0.95	≤30.00	PASS
	total	5795	83.6 7	0.77	---	---	2.07	≤30.00	PASS
11AC80MI MO	Ant1	5210	84.4 1	0.74	-0.66	---	---	≤11.00	PASS
	Ant2	5210	84.4 1	0.74	-2.73	---	---	≤11.00	PASS
	total	5210	84.4 1	0.74	1.44	---	---	≤11.00	PASS
	Ant1	5775	84.4 1	0.74	---	-4.58	-4.31	≤30.00	PASS
	Ant2	5775	84.4 1	0.74	---	-4.55	-4.28	≤30.00	PASS
	total	5775	84.4 1	0.74	---	---	-1.29	≤30.00	PASS

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

IC

Test Mode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor (dB)	Result	Result	Result	Limit	EIRP	EIRPLimit	Verdict
					[dBm/MHz]	[dBm/470kHz]	[dBm/500kHz]	[dBm/500kHz]	[dBm/MHz]	[dBm/MHz]	
11A	Ant1	5180	95.81	0.19	6.13	---	---	---	6.34	≤10	PASS
	Ant2	5180	95.81	0.19	6.43	---	---	---	6.64	≤10	PASS
	Ant1	5220	95.81	0.19	5.93	---	---	---	6.14	≤10	PASS
	Ant2	5220	95.81	0.19	6.24	---	---	---	6.45	≤10	PASS
	Ant1	5240	95.81	0.19	5.66	---	---	---	5.87	≤10	PASS
	Ant2	5240	95.81	0.19	6.16	---	---	---	6.37	≤10	PASS
	Ant1	5745	95.81	0.19	---	2.69	2.96	30	3.17	---	PASS
	Ant2	5745	95.81	0.19	---	2.44	2.71	30	2.92	---	PASS
	Ant1	5785	95.81	0.19	---	3.01	3.28	30	3.49	---	PASS
	Ant2	5785	95.81	0.19	---	3.63	3.90	30	4.11	---	PASS
	Ant1	5825	95.81	0.19	---	2.79	3.06	30	3.27	---	PASS
	Ant2	5825	95.81	0.19	---	2.89	3.16	30	3.37	---	PASS
11N20MI MO	Ant1	5180	98.25	0.08	5.77	---	---	---	5.98	≤10	PASS
	Ant2	5180	98.25	0.08	3.8	---	---	---	4.01	≤10	PASS
	total	5180	98.25	0.08	7.91	---	---	---	8.12	≤10	PASS

	Ant1	5220	98.25	0.08	5.36	---	---	---	5.57	≤10	PAS S
	Ant2	5220	98.25	0.08	3.31	---	---	---	3.52	≤10	PAS S
	total	5220	98.25	0.08	7.47	---	---	---	7.68	≤10	PAS S
	Ant1	5240	98.25	0.08	5.19	---	---	---	5.40	≤10	PAS S
	Ant2	5240	98.25	0.08	3.65	---	---	---	3.86	≤10	PAS S
	total	5240	98.25	0.08	7.5	---	---	---	7.71	≤10	PAS S
	Ant1	5745	98.25	0.08	---	1.45	1.72	30	1.93	---	PAS S
	Ant2	5745	98.25	0.08	---	1.95	2.22	30	2.43	---	PAS S
	total	5745	98.25	0.08	---	---	4.99	30	5.20	---	PAS S
	Ant1	5785	98.25	0.08	---	1.06	1.33	30	1.54	---	PAS S
	Ant2	5785	98.25	0.08	---	1.63	1.90	30	2.11	---	PAS S
	total	5785	98.25	0.08	---	---	4.63	30	4.84	---	PAS S
	Ant1	5825	98.25	0.08	---	1.36	1.63	30	1.84	---	PAS S
	Ant2	5825	98.25	0.08	---	1.61	1.88	30	2.09	---	PAS S
	total	5825	98.25	0.08	---	---	4.77	30	4.98	---	PAS S
11N40MI MO	Ant1	5190	97.03	0.13	2.63	---	---	---	2.84	≤10	PAS S
	Ant2	5190	97.03	0.13	0.88	---	---	---	1.09	≤10	PAS S
	total	5190	97.03	0.13	4.85	---	---	---	5.06	≤10	PAS S

	Ant1	5230	97.03	0.13	2.51	---	---	---	2.72	≤10	PAS S
	Ant2	5230	97.03	0.13	0.55	---	---	---	0.76	≤10	PAS S
	total	5230	97.03	0.13	4.65	---	---	---	4.86	≤10	PAS S
	Ant1	5755	97.03	0.13	---	-1.54	-1.27	30	-1.06	---	PAS S
	Ant2	5755	97.03	0.13	---	-0.92	-0.65	30	-0.44	---	PAS S
	total	5755	97.03	0.13	---	---	2.06	30	2.27	---	PAS S
	Ant1	5795	97.03	0.13	---	-1.4	-1.13	30	-0.92	---	PAS S
	Ant2	5795	97.03	0.13	---	-0.98	-0.71	30	-0.50	---	PAS S
	total	5795	97.03	0.13	---	---	2.09	30	2.30	---	PAS S
11AC20 MIMO	Ant1	5180	77.82	1.09	5.53	---	---	---	5.74	≤10	PAS S
	Ant2	5180	77.82	1.09	3.83	---	---	---	4.04	≤10	PAS S
	total	5180	77.82	1.09	7.77	---	---	---	7.98	≤10	PAS S
	Ant1	5220	77.82	1.09	5.4	---	---	---	5.61	≤10	PAS S
	Ant2	5220	77.82	1.09	3.25	---	---	---	3.46	≤10	PAS S
	total	5220	77.82	1.09	7.47	---	---	---	7.68	≤10	PAS S
	Ant1	5240	77.82	1.09	5	---	---	---	5.21	≤10	PAS S
	Ant2	5240	77.82	1.09	3.21	---	---	---	3.42	≤10	PAS S
	total	5240	77.82	1.09	7.21	---	---	---	7.42	≤10	PAS S

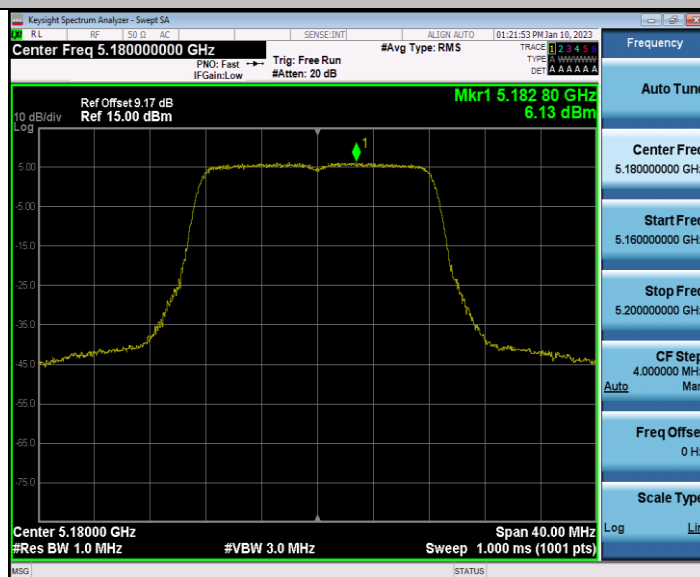
	Ant1	5745	77.82	1.09	---	0.87	1.14	30	1.35	---	PAS S
	Ant2	5745	77.82	1.09	---	1.04	1.31	30	1.52	---	PAS S
	total	5745	77.82	1.09	---	---	4.23	30	4.44	---	PAS S
	Ant1	5785	77.82	1.09	---	1.17	1.44	30	1.65	---	PAS S
	Ant2	5785	77.82	1.09	---	1.36	1.63	30	1.84	---	PAS S
	total	5785	77.82	1.09	---	---	4.55	30	4.76	---	PAS S
	Ant1	5825	77.82	1.09	---	1.46	1.73	30	1.94	---	PAS S
	Ant2	5825	77.82	1.09	---	1.63	1.90	30	2.11	---	PAS S
	total	5825	77.82	1.09	---	---	4.82	30	5.03	---	PAS S
11AC40 MIMO	Ant1	5190	83.67	0.77	2.7	---	---	---	2.91	≤10	PAS S
	Ant2	5190	83.67	0.77	1.12	---	---	---	1.33	≤10	PAS S
	total	5190	83.67	0.77	4.99	---	---	---	5.20	≤10	PAS S
	Ant1	5230	83.67	0.77	2.87	---	---	---	3.08	≤10	PAS S
	Ant2	5230	83.67	0.77	0.95	---	---	---	1.16	≤10	PAS S
	total	5230	83.67	0.77	5.03	---	---	---	5.24	≤10	PAS S
	Ant1	5755	83.67	0.77	---	-1.51	-1.24	30	-1.03	---	PAS S
	Ant2	5755	83.67	0.77	---	-0.87	-0.60	30	-0.39	---	PAS S
	total	5755	83.67	0.77	---	---	2.10	30	2.31	---	PAS S

	Ant1	5795	83.67	0.77	---	-1.2	-0.93	30	-0.72	---	PAS S
	Ant2	5795	83.67	0.77	---	-1.22	-0.95	30	-0.74	---	PAS S
	total	5795	83.67	0.77	---	---	2.07	30	2.28	---	PAS S
11AC80 MIMO	Ant1	5210	84.41	0.74	-0.66	---	---	---	-0.45	≤10	PAS S
	Ant2	5210	84.41	0.74	-2.73	---	---	---	-2.52	≤10	PAS S
	total	5210	84.41	0.74	1.44	---	---	---	1.65	≤10	PAS S
	Ant1	5775	84.41	0.74	---	-4.58	-4.31	30	-4.10	---	PAS S
	Ant2	5775	84.41	0.74	---	-4.55	-4.28	30	-4.07	---	PAS S
	total	5775	84.41	0.74	---	---	-1.29	30	-1.08	---	PAS S

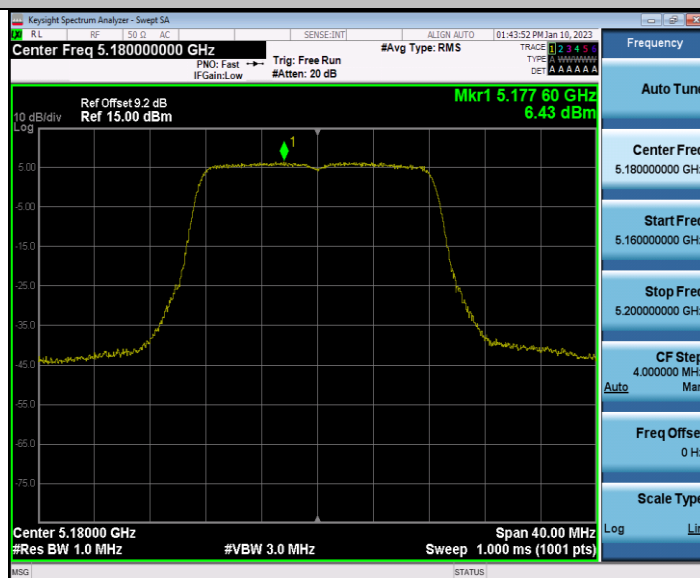
Note : The Duty Cycle Factor is compensated in the graph.

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



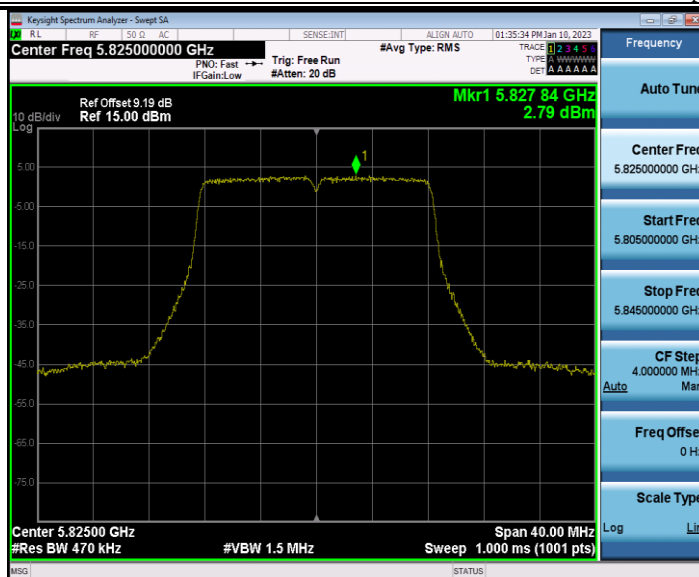
11A_Ant1_5785



11A_Ant2_5785



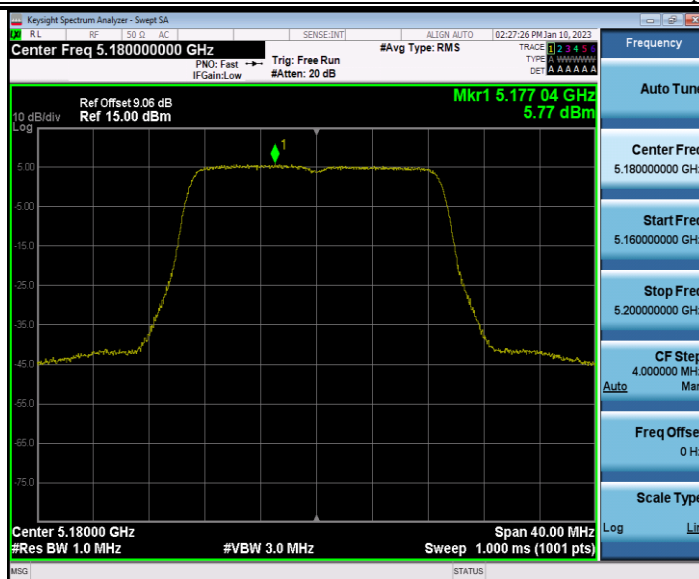
11A_Ant1_5825



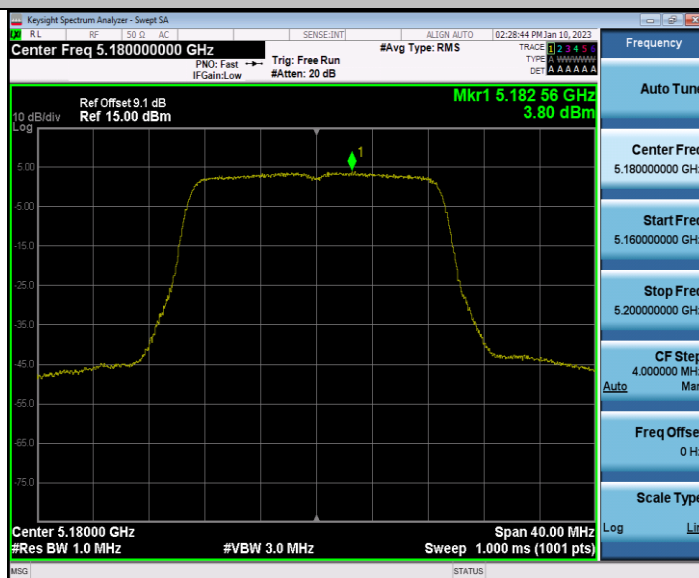
11A_Ant2_5825



11N20MIMO_Ant1_5180



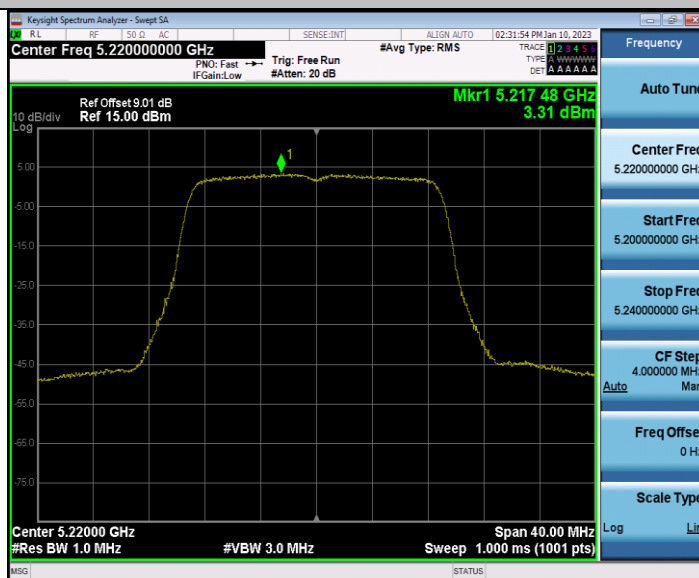
11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5220



11N20MIMO_Ant2_5220



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



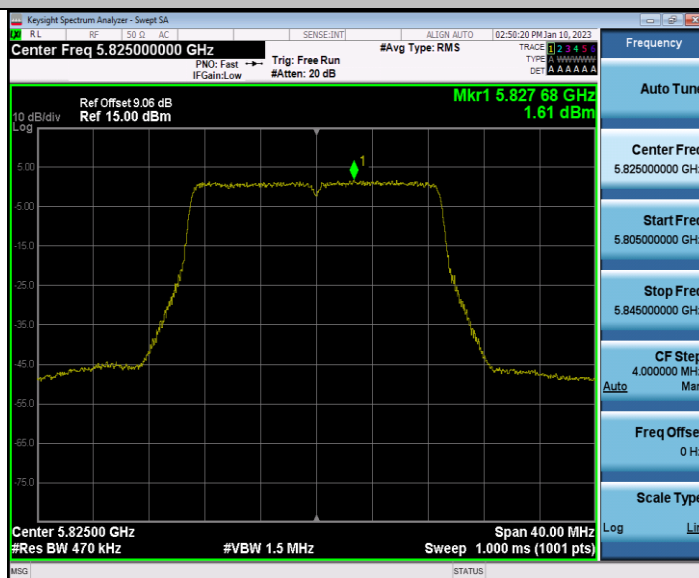
11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



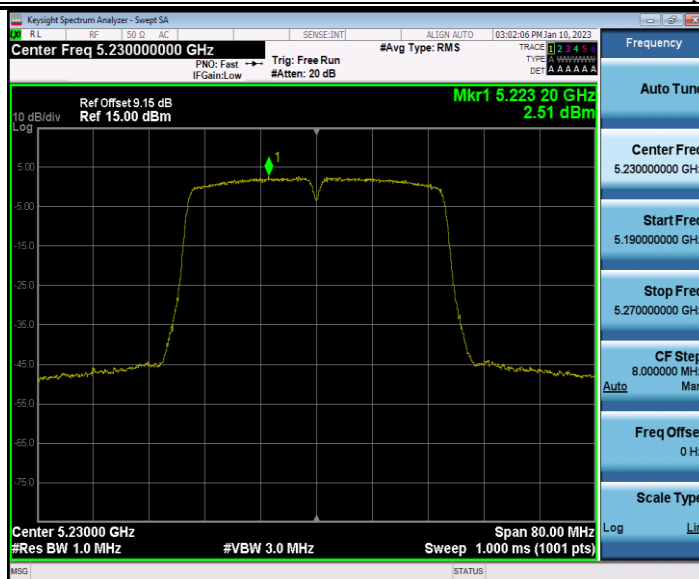
11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755

