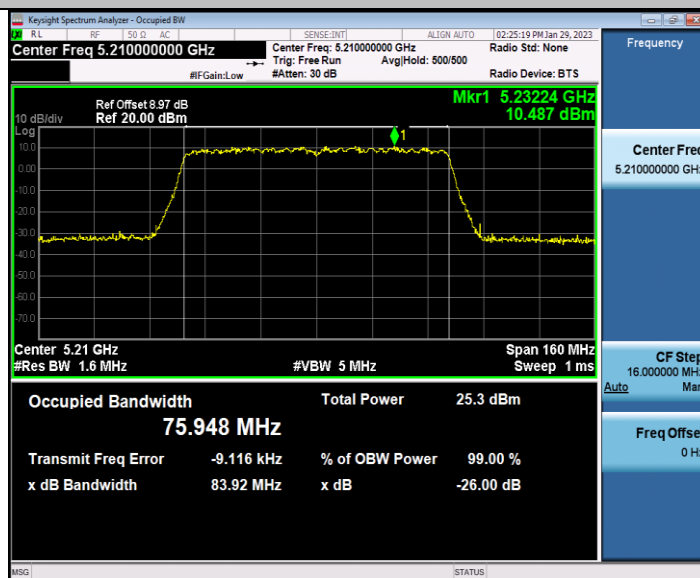
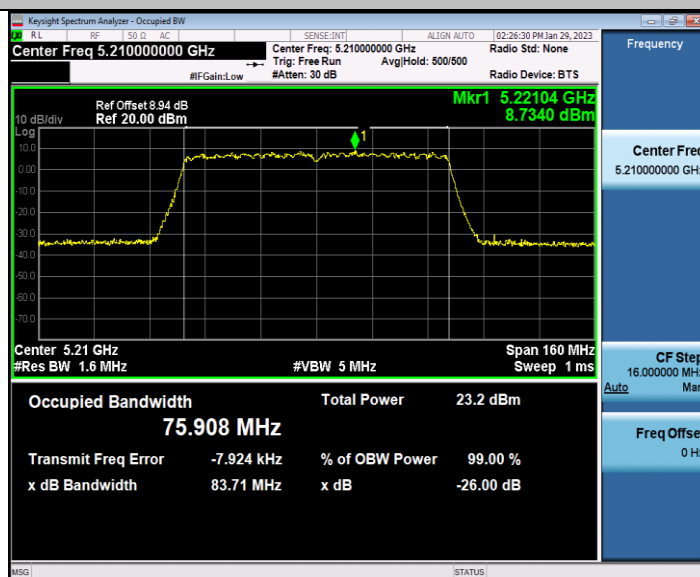


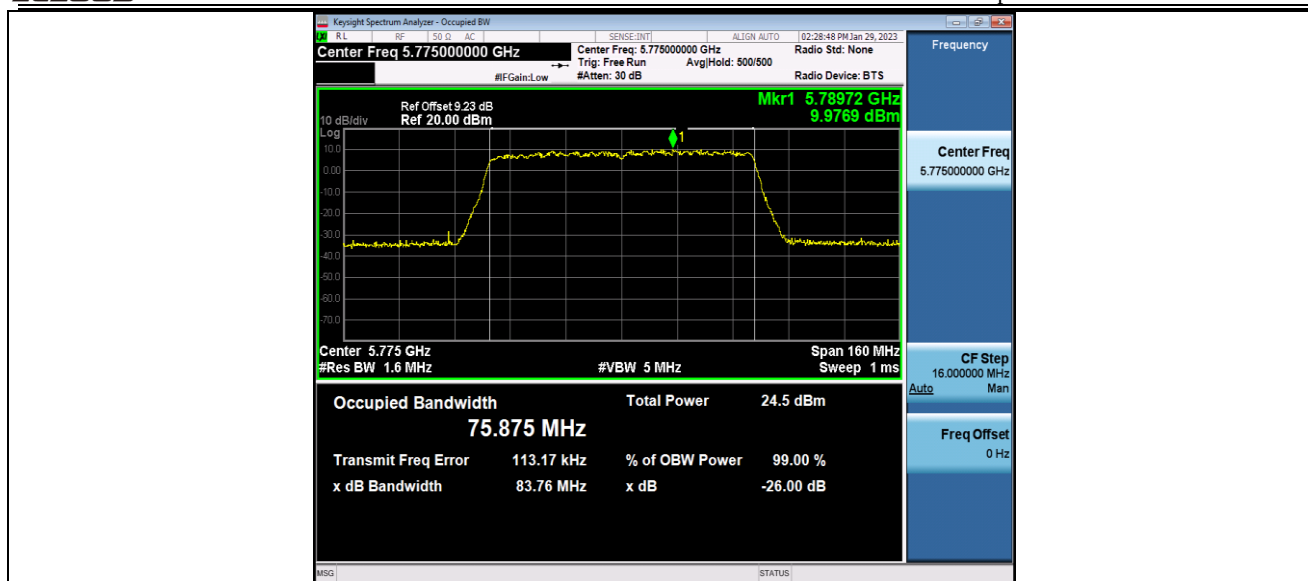
11AC80MIMO_Ant1_5210



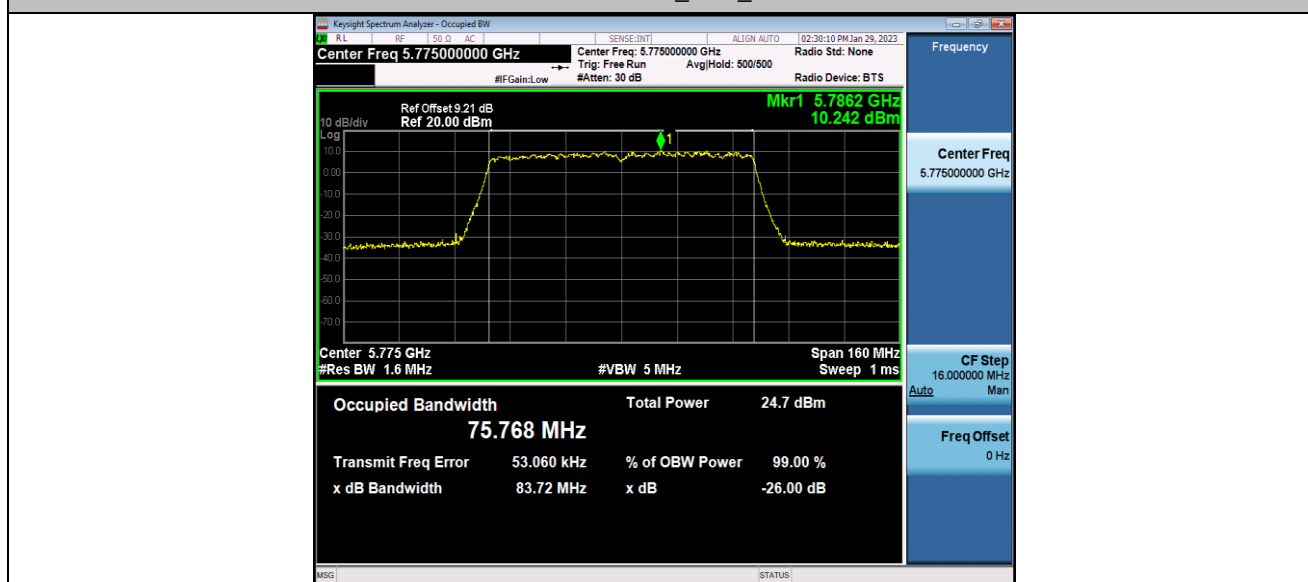
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



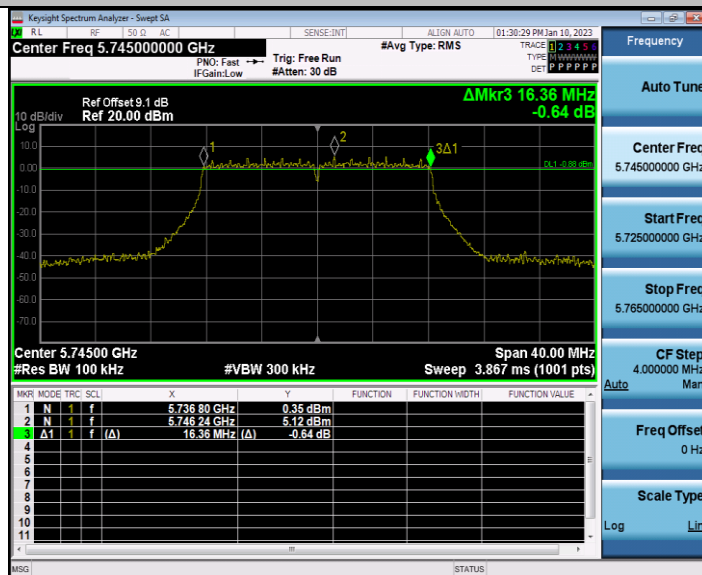
Appendix A3: Min emission bandwidth

Test Result

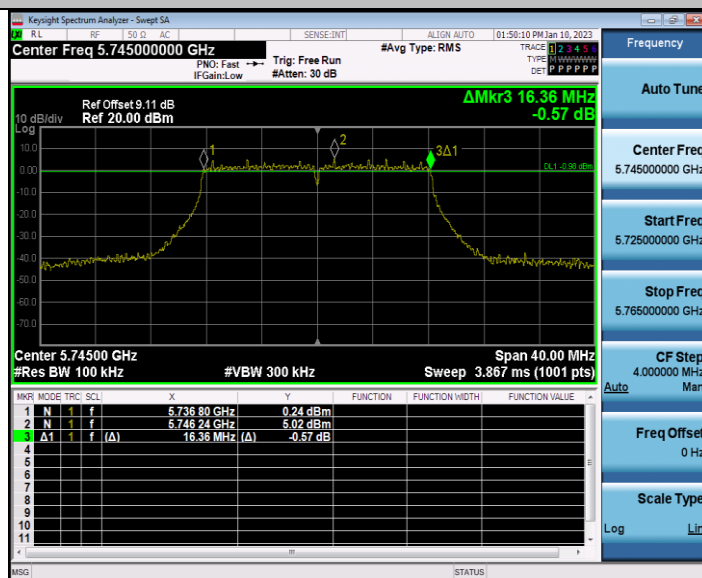
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
	Ant2	5745	16.360	5736.800	5753.160	0.5	PASS
	Ant1	5785	16.360	5776.800	5793.160	0.5	PASS
	Ant2	5785	16.360	5776.800	5793.160	0.5	PASS
	Ant1	5825	16.360	5816.800	5833.160	0.5	PASS
	Ant2	5825	16.360	5816.800	5833.160	0.5	PASS
11N20MIMO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
	Ant2	5745	17.640	5736.160	5753.800	0.5	PASS
	Ant1	5785	17.600	5776.160	5793.760	0.5	PASS
	Ant2	5785	17.640	5776.160	5793.800	0.5	PASS
	Ant1	5825	17.640	5816.160	5833.800	0.5	PASS
	Ant2	5825	17.680	5816.120	5833.800	0.5	PASS
11N40MIMO	Ant1	5755	35.600	5737.400	5773.000	0.5	PASS
	Ant2	5755	34.560	5737.960	5772.520	0.5	PASS
	Ant1	5795	35.120	5777.400	5812.520	0.5	PASS
	Ant2	5795	35.120	5777.400	5812.520	0.5	PASS
11AC20MIMO	Ant1	5745	17.560	5736.200	5753.760	0.5	PASS
	Ant2	5745	17.600	5736.160	5753.760	0.5	PASS
	Ant1	5785	17.560	5776.200	5793.760	0.5	PASS
	Ant2	5785	17.560	5776.200	5793.760	0.5	PASS
	Ant1	5825	17.560	5816.200	5833.760	0.5	PASS
	Ant2	5825	17.560	5816.200	5833.760	0.5	PASS
11AC40MIMO	Ant1	5755	35.520	5737.400	5772.920	0.5	PASS
	Ant2	5755	35.360	5737.160	5772.520	0.5	PASS
	Ant1	5795	35.120	5777.400	5812.520	0.5	PASS
	Ant2	5795	35.120	5777.400	5812.520	0.5	PASS
11AC80MIMO	Ant1	5775	75.520	5737.560	5813.080	0.5	PASS
	Ant2	5775	74.560	5738.200	5812.760	0.5	PASS

Test Graphs

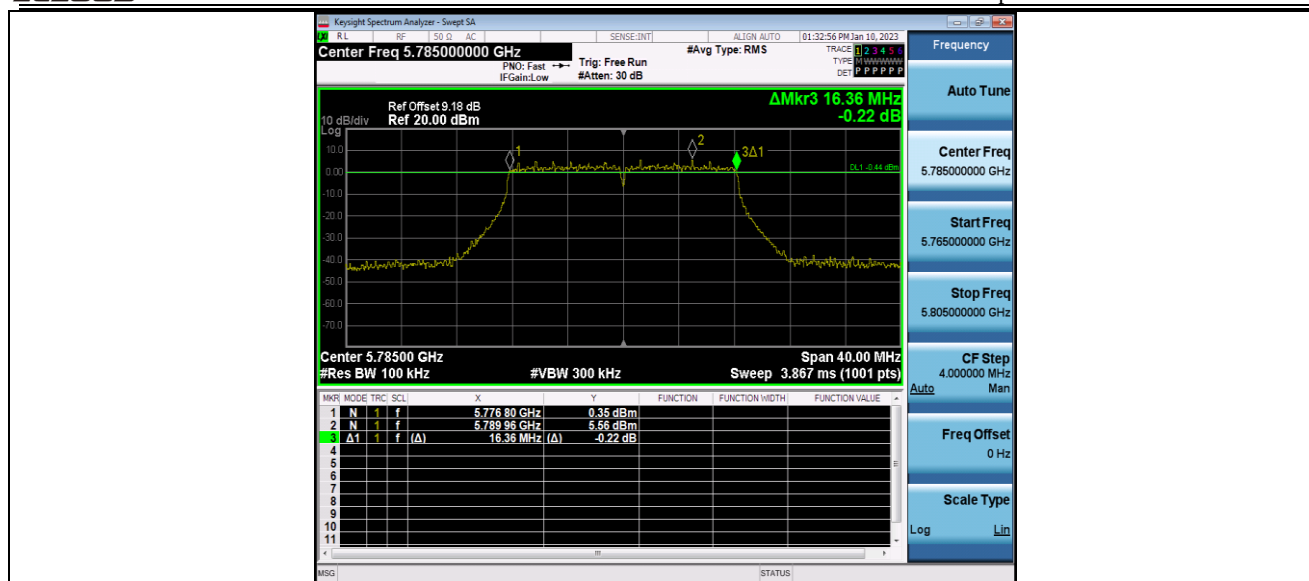
11A_Ant1_5745



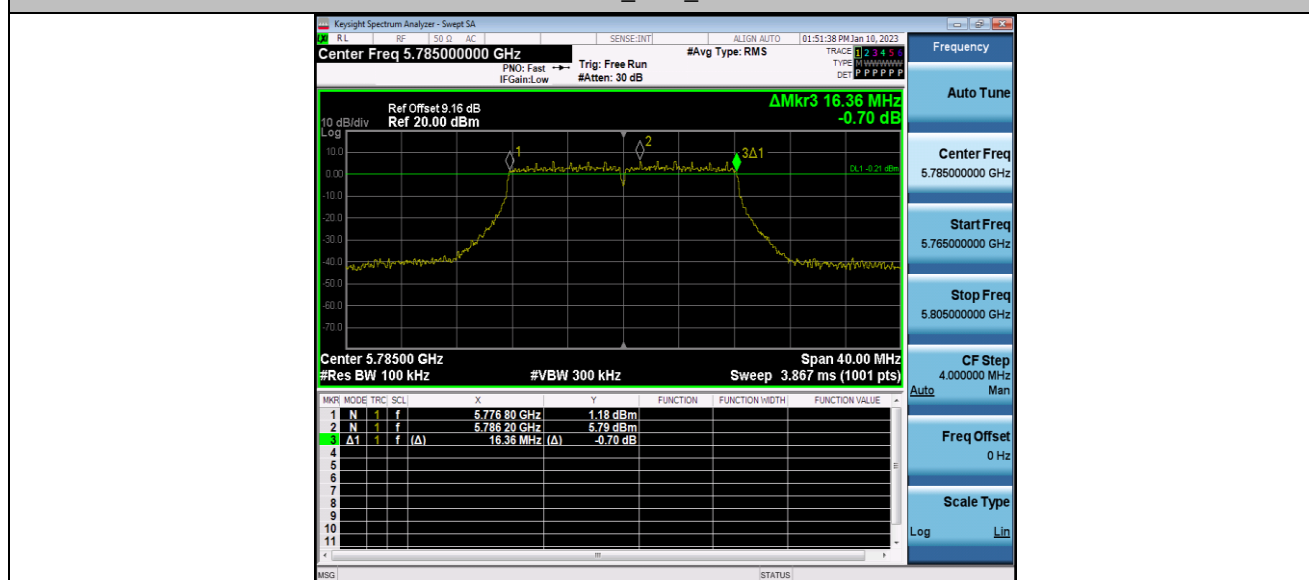
11A_Ant2_5745



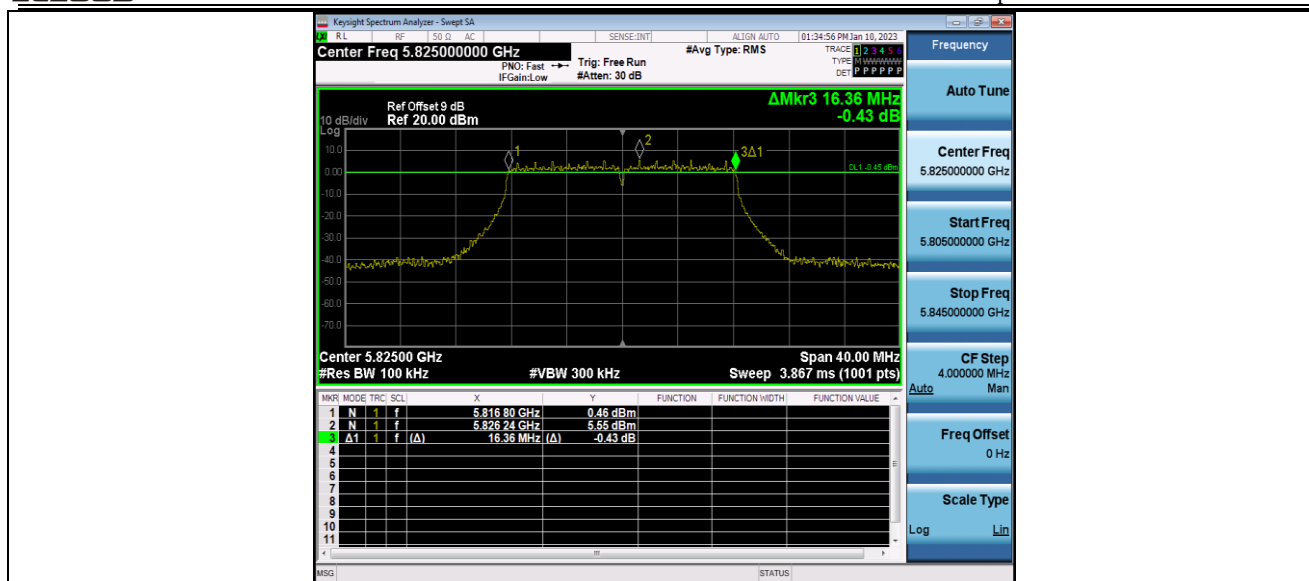
11A_Ant1_5785



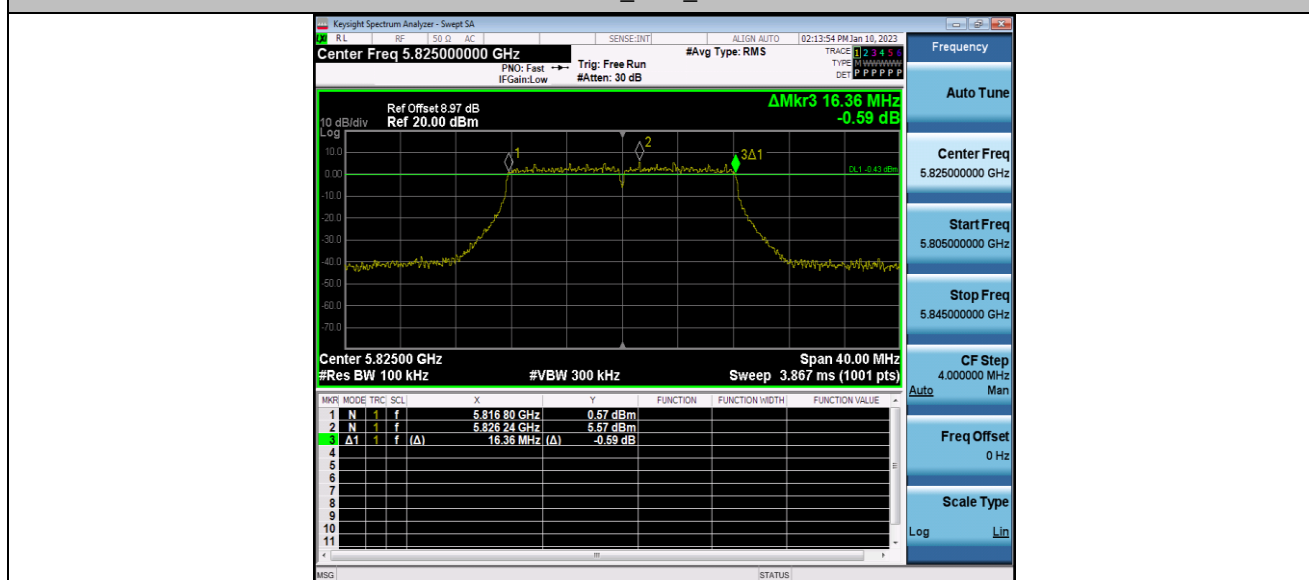
11A_Ant2_5785



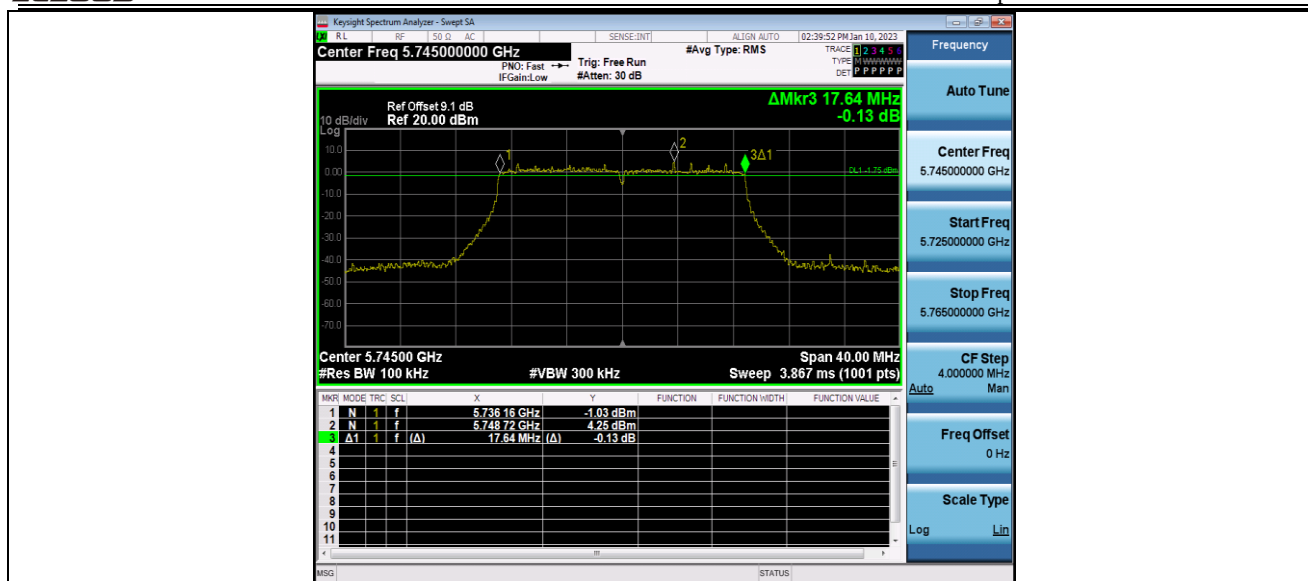
11A_Ant1_5825



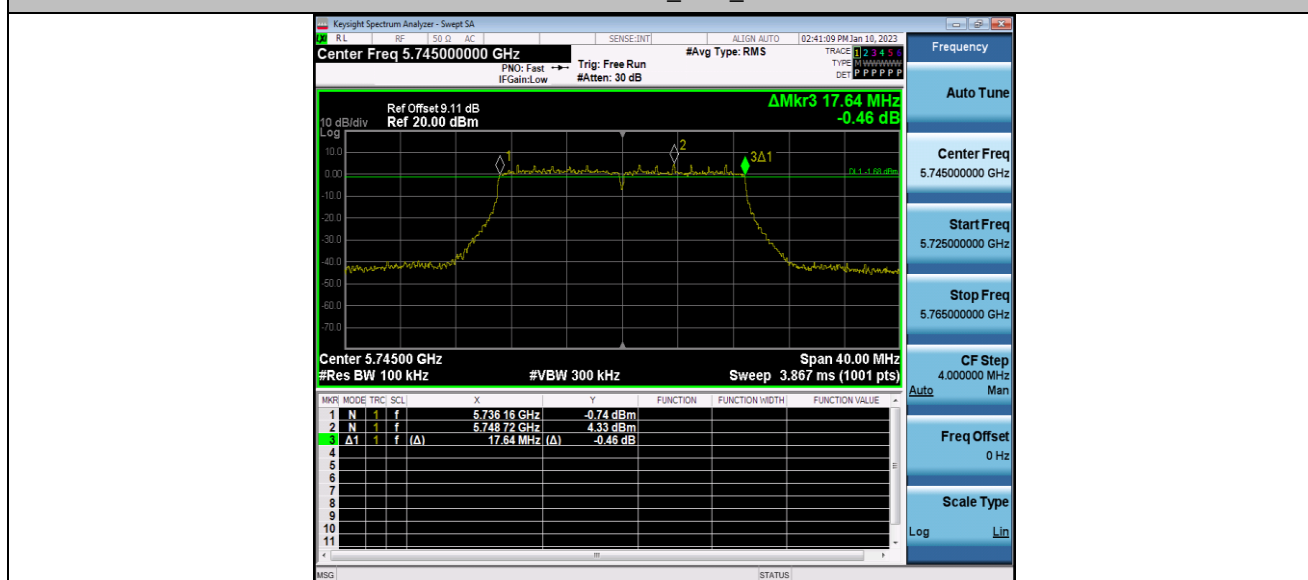
11A_Ant2_5825



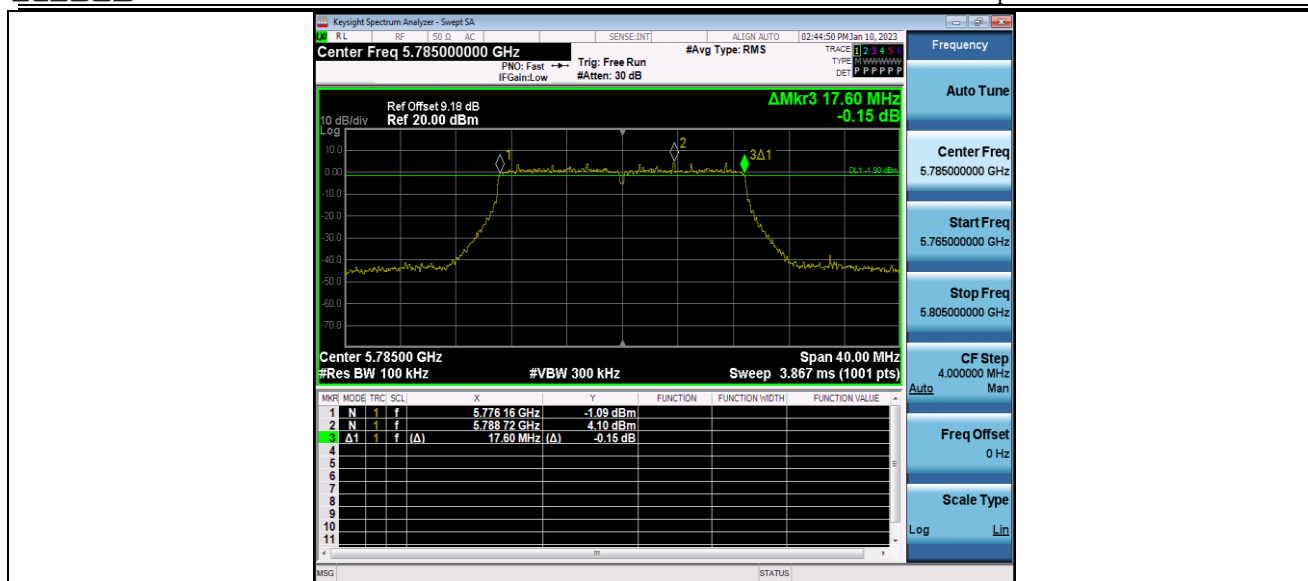
11N20MIMO_Ant1_5745



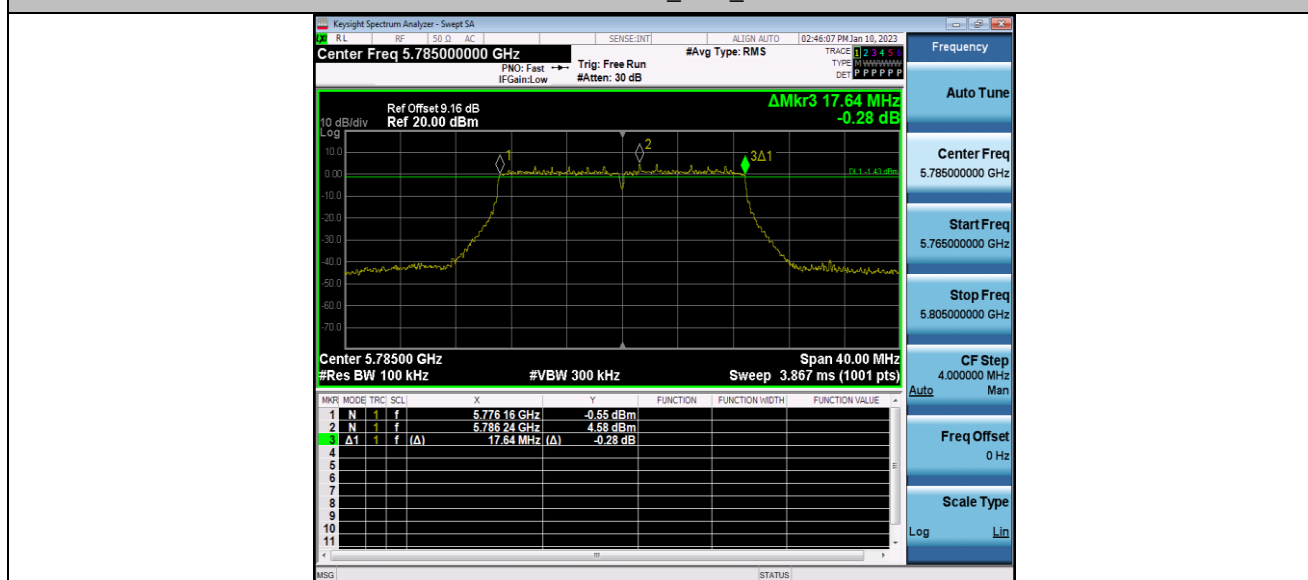
11N20MIMO_Ant2_5745



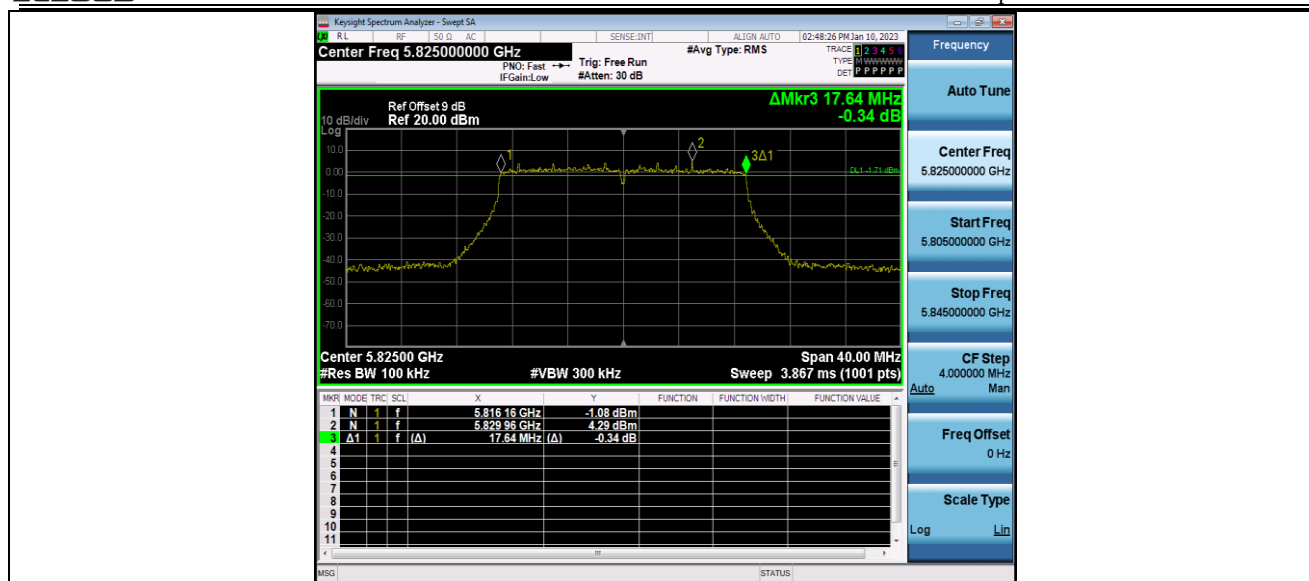
11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



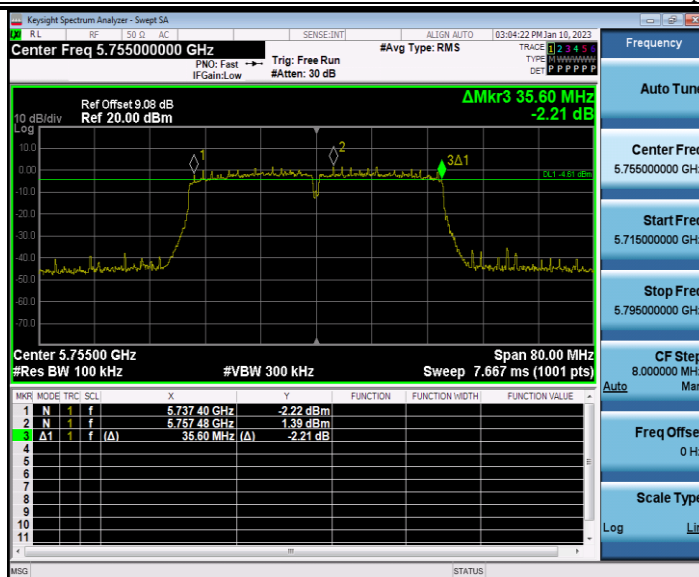
11N20MIMO_Ant1_5825



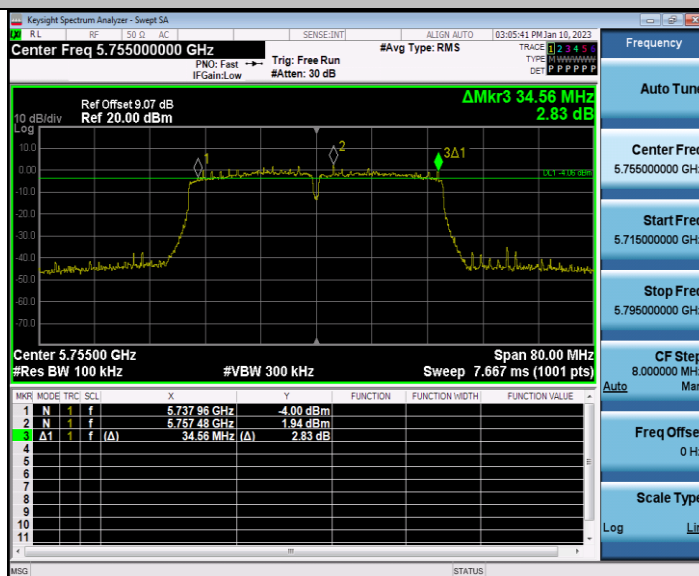
11N20MIMO_Ant2_5825



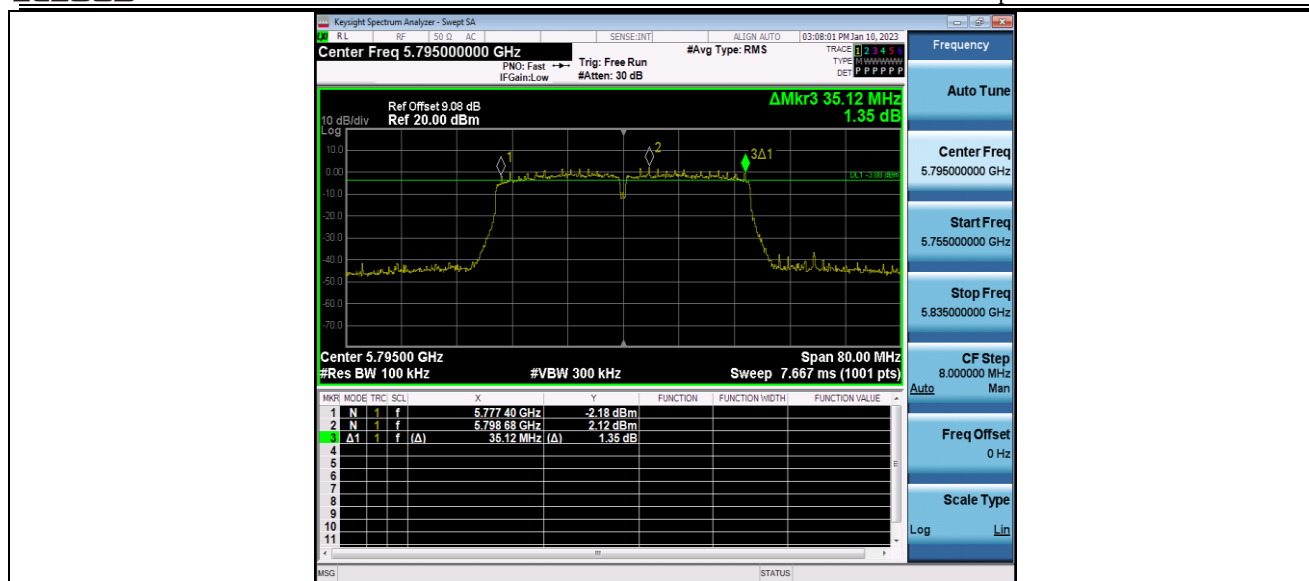
11N40MIMO_Ant1_5755



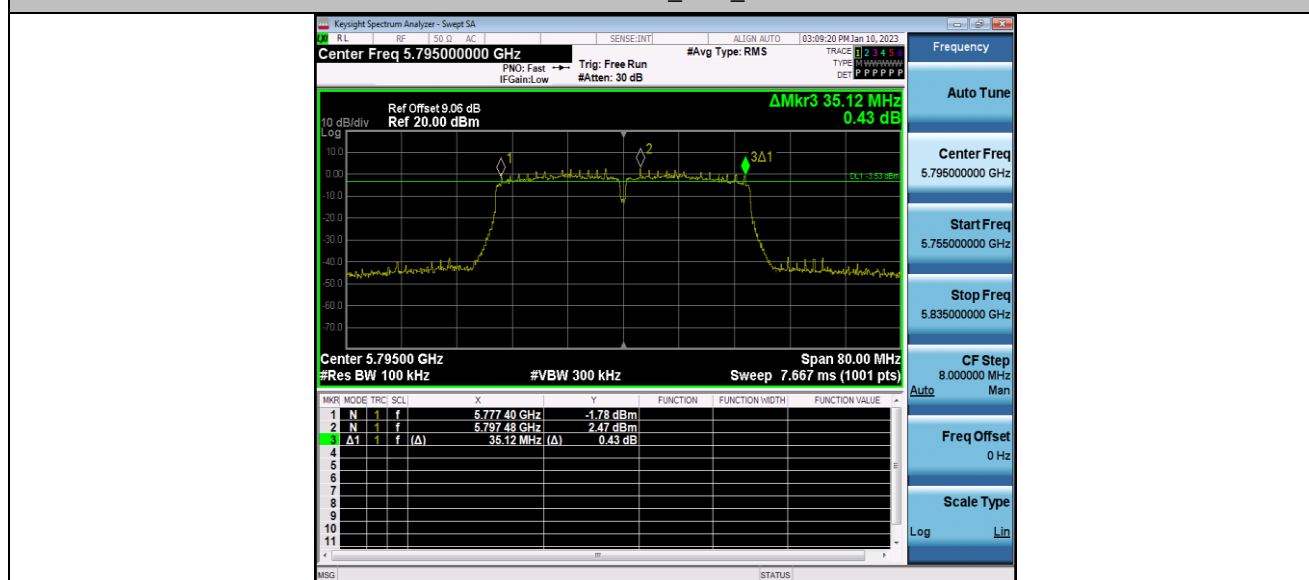
11N40MIMO_Ant2_5755



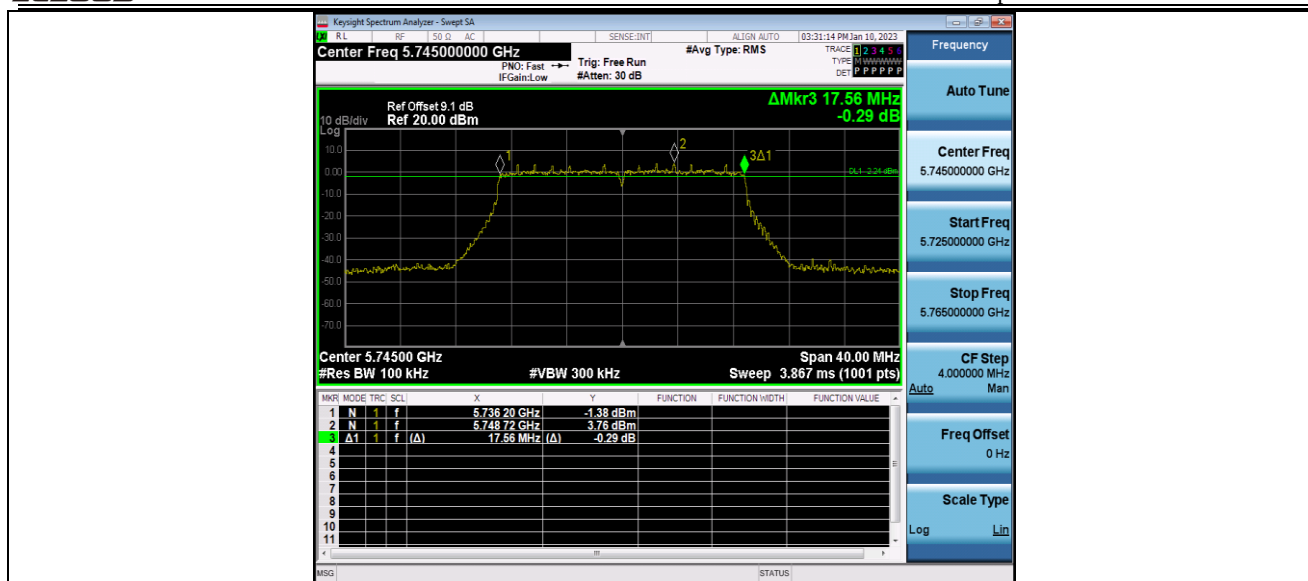
11N40MIMO_Ant1_5795



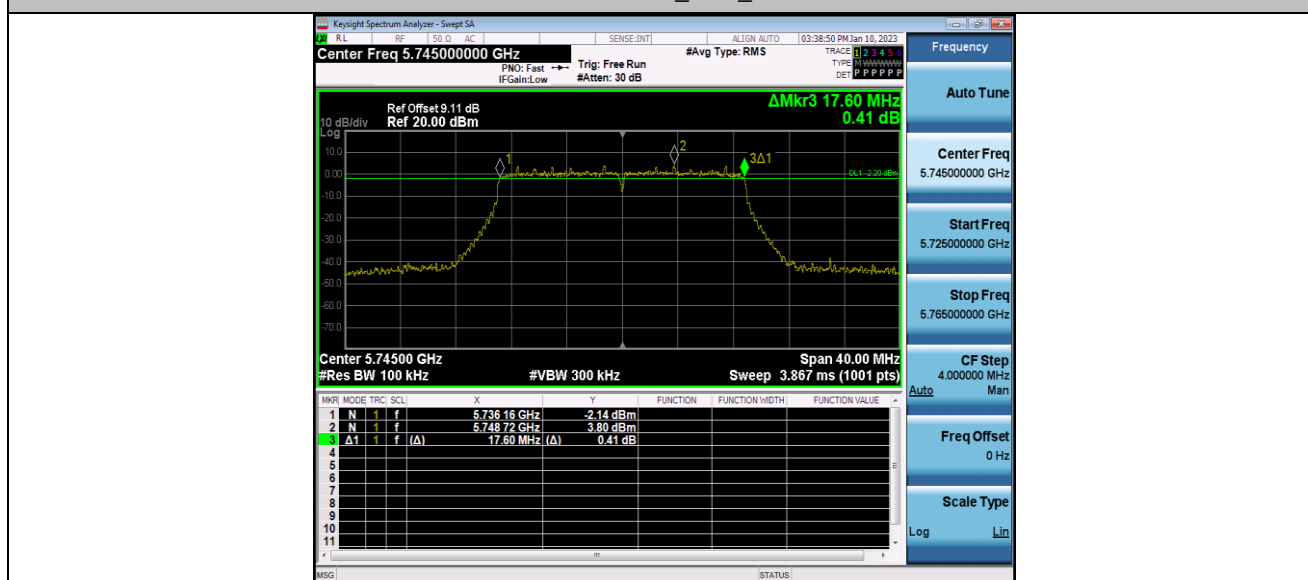
11N40MIMO_Ant2_5795



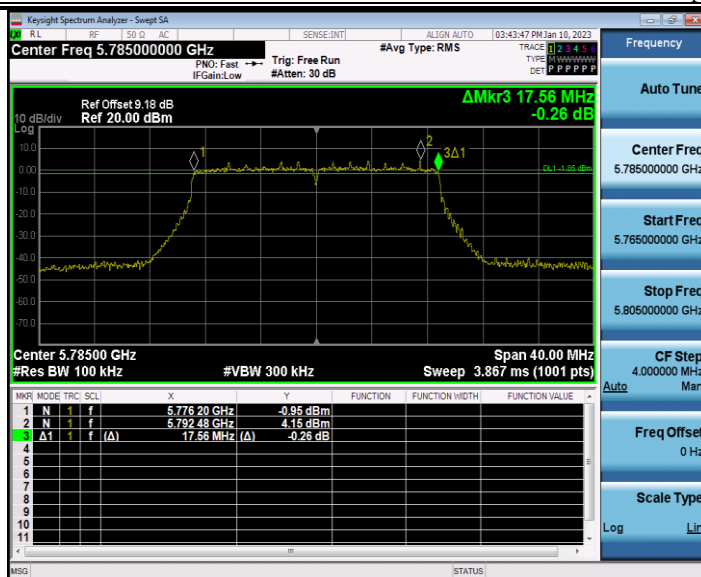
11A20MIMO_Ant1_5745



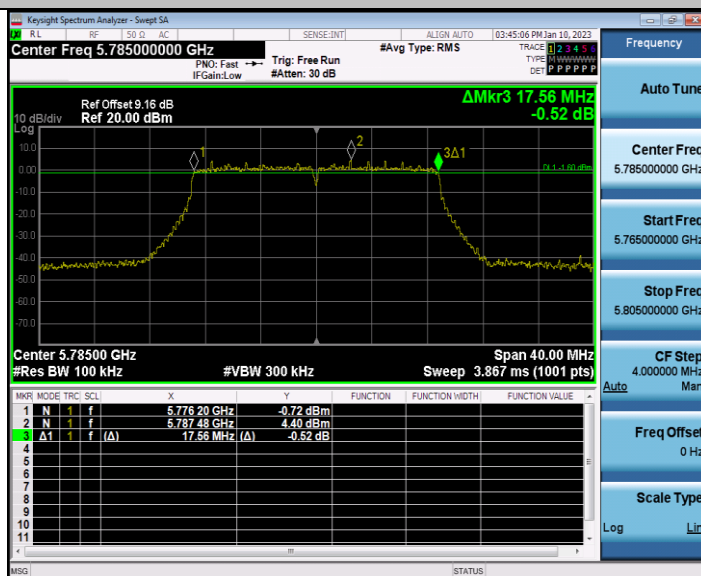
11AC20MIMO_Ant2_5745



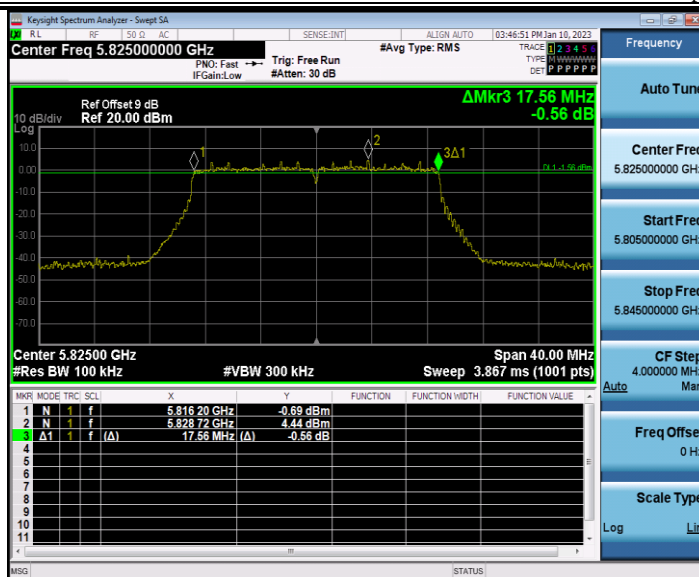
11AC20MIMO_Ant1_5785



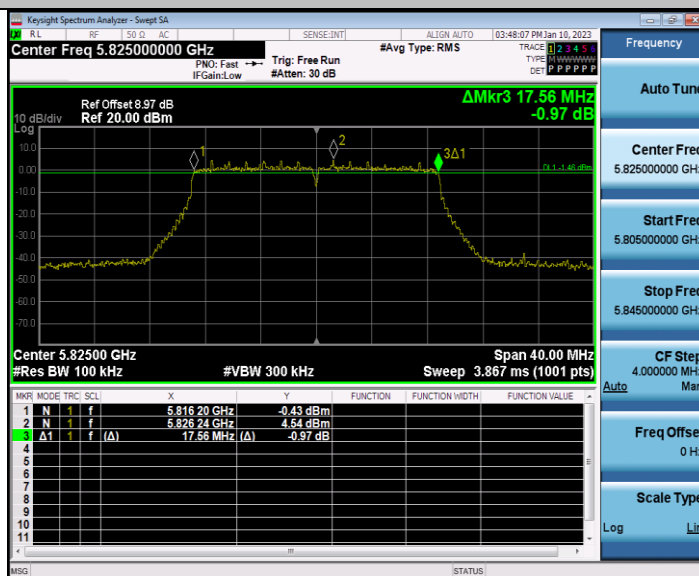
11AC20MIMO_Ant2_5785



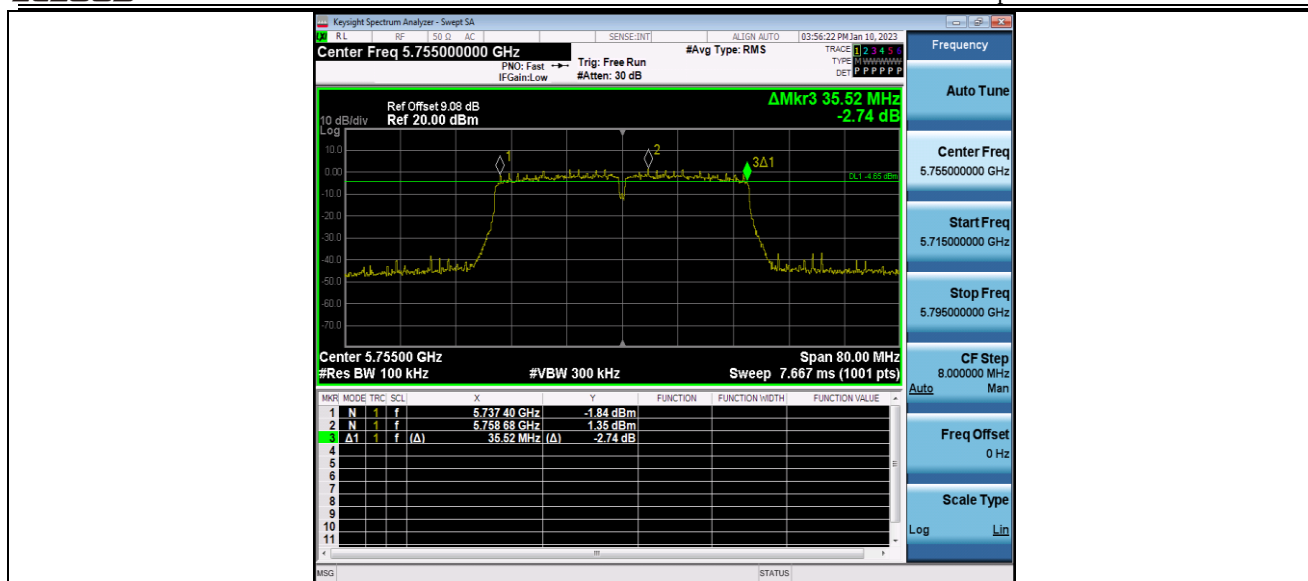
11AC20MIMO_Ant1_5825



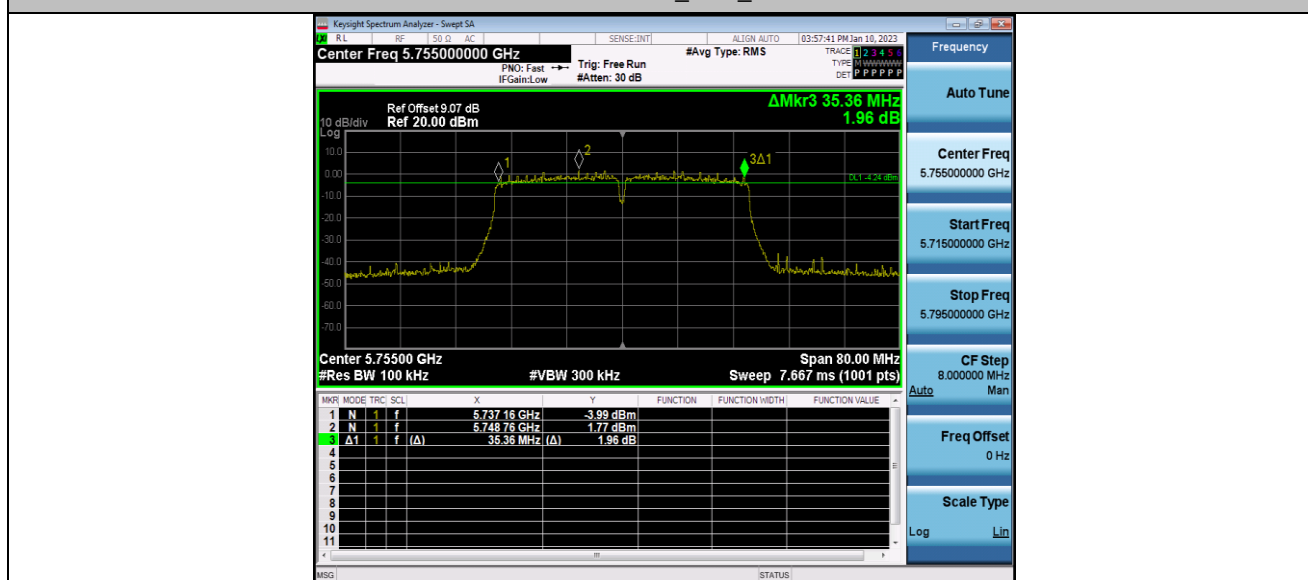
11AC20MIMO Ant2 5825



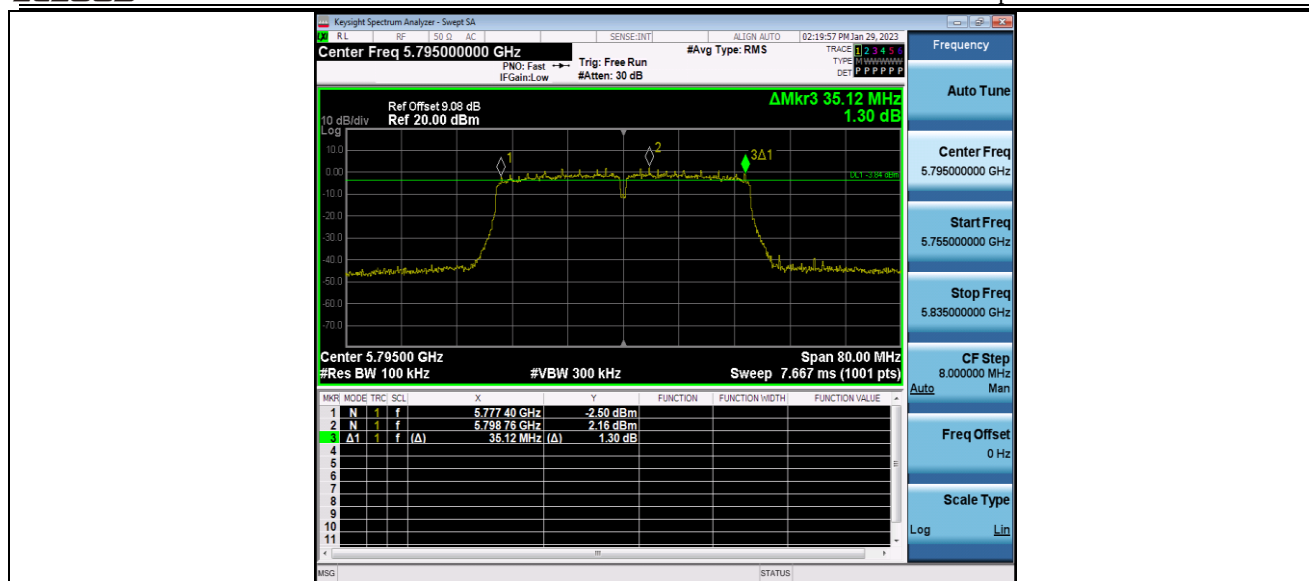
11AC40MIMO Ant1 5755



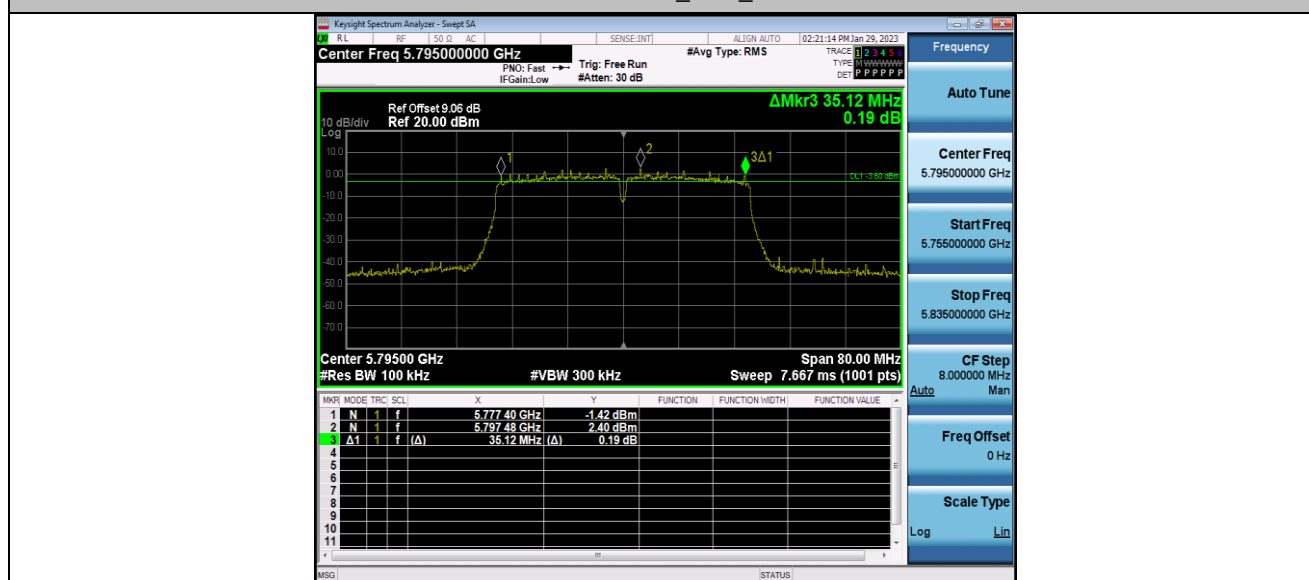
11AC40MIMO_Ant2_5755



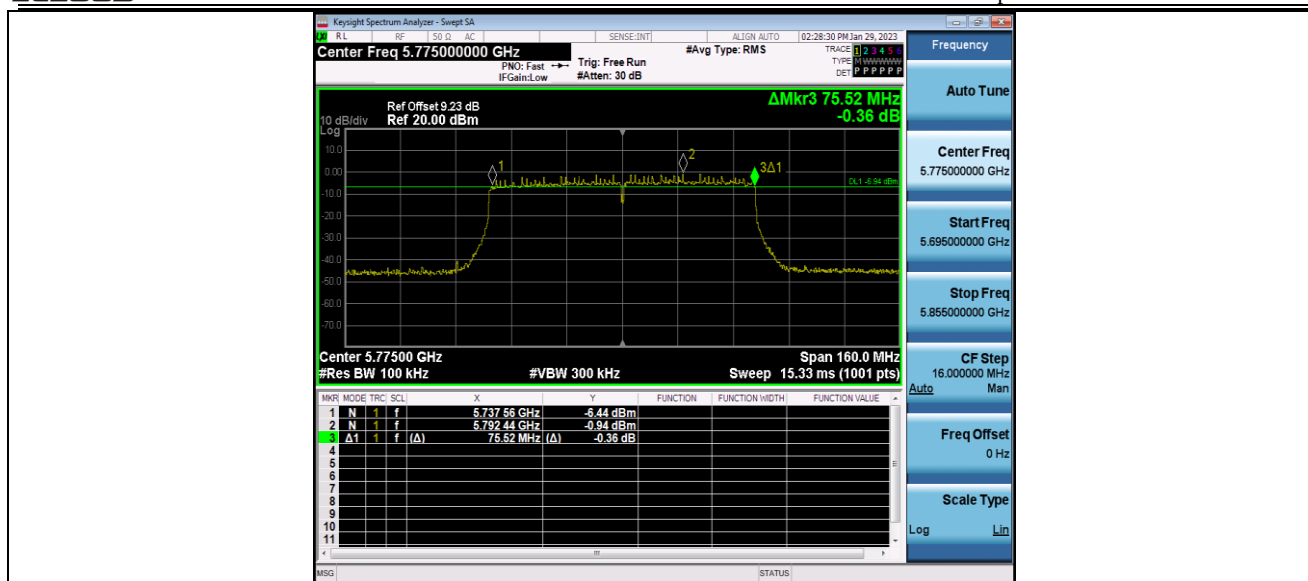
11AC40MIMO_Ant1_5795



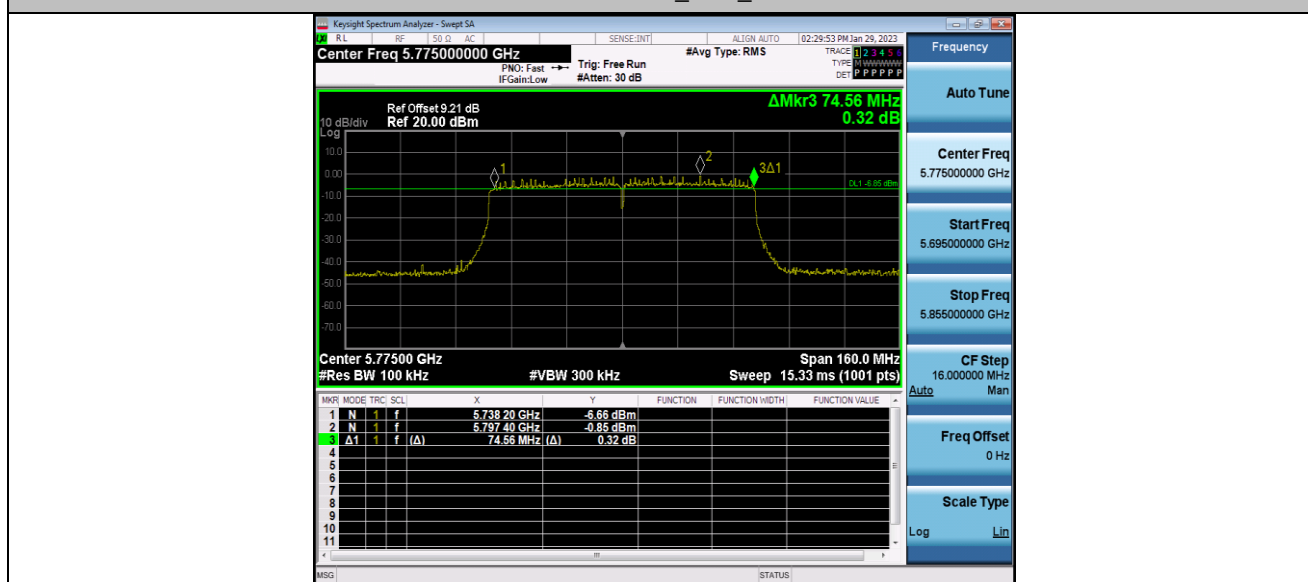
11AC40MIMO_Ant2_5795



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	95.81	0.19	17.21	≤23.98	PASS
	Ant2	5180	95.81	0.19	17.47	≤23.98	PASS
	Ant1	5220	95.81	0.19	16.85	≤23.98	PASS
	Ant2	5220	95.81	0.19	17.19	≤23.98	PASS
	Ant1	5240	95.81	0.19	16.72	≤23.98	PASS
	Ant2	5240	95.81	0.19	17.26	≤23.98	PASS
	Ant1	5745	95.81	0.19	16.71	≤30.00	PASS
	Ant2	5745	95.81	0.19	16.7	≤30.00	PASS
	Ant1	5785	95.81	0.19	17.25	≤30.00	PASS
	Ant2	5785	95.81	0.19	17.7	≤30.00	PASS
	Ant1	5825	95.81	0.19	17.15	≤30.00	PASS
	Ant2	5825	95.81	0.19	17.26	≤30.00	PASS
11N20MIMO	Ant1	5180	98.25	0.08	16.94	≤23.98	PASS
	Ant2	5180	98.25	0.08	14.97	≤23.98	PASS
	total	5180	98.25	0.08	19.08	≤23.98	PASS
	Ant1	5220	98.25	0.08	16.69	≤23.98	PASS
	Ant2	5220	98.25	0.08	14.62	≤23.98	PASS
	total	5220	98.25	0.08	18.79	≤23.98	PASS
	Ant1	5240	98.25	0.08	16.52	≤23.98	PASS
	Ant2	5240	98.25	0.08	14.55	≤23.98	PASS
	total	5240	98.25	0.08	18.66	≤23.98	PASS
	Ant1	5745	98.25	0.08	15.9	≤30.00	PASS
	Ant2	5745	98.25	0.08	16.19	≤30.00	PASS
	total	5745	98.25	0.08	19.06	≤30.00	PASS
	Ant1	5785	98.25	0.08	15.82	≤30.00	PASS
	Ant2	5785	98.25	0.08	16.11	≤30.00	PASS
	total	5785	98.25	0.08	18.98	≤30.00	PASS
	Ant1	5825	98.25	0.08	16	≤30.00	PASS

	Ant2	5825	98.25	0.08	16.11	≤30.00	PASS
	total	5825	98.25	0.08	19.07	≤30.00	PASS
11N40MIMO	Ant1	5190	97.03	0.13	16.98	≤23.98	PASS
	Ant2	5190	97.03	0.13	14.97	≤23.98	PASS
	total	5190	97.03	0.13	19.1	≤23.98	PASS
	Ant1	5230	97.03	0.13	16.8	≤23.98	PASS
	Ant2	5230	97.03	0.13	14.72	≤23.98	PASS
	total	5230	97.03	0.13	18.89	≤23.98	PASS
	Ant1	5755	97.03	0.13	15.6	≤30.00	PASS
	Ant2	5755	97.03	0.13	15.81	≤30.00	PASS
	total	5755	97.03	0.13	18.72	≤30.00	PASS
	Ant1	5795	97.03	0.13	16	≤30.00	PASS
	Ant2	5795	97.03	0.13	16.22	≤30.00	PASS
	total	5795	97.03	0.13	19.12	≤30.00	PASS
11AC20MIMO	Ant1	5180	77.82	1.09	17.16	≤23.98	PASS
	Ant2	5180	77.82	1.09	14.81	≤23.98	PASS
	total	5180	77.82	1.09	19.15	≤23.98	PASS
	Ant1	5220	77.82	1.09	16.43	≤23.98	PASS
	Ant2	5220	77.82	1.09	14.37	≤23.98	PASS
	total	5220	77.82	1.09	18.53	≤23.98	PASS
	Ant1	5240	77.82	1.09	16.35	≤23.98	PASS
	Ant2	5240	77.82	1.09	14.47	≤23.98	PASS
	total	5240	77.82	1.09	18.52	≤23.98	PASS
	Ant1	5745	77.82	1.09	15.31	≤30.00	PASS
	Ant2	5745	77.82	1.09	15.44	≤30.00	PASS
	total	5745	77.82	1.09	18.39	≤30.00	PASS
	Ant1	5785	77.82	1.09	15.81	≤30.00	PASS
	Ant2	5785	77.82	1.09	16.13	≤30.00	PASS
	total	5785	77.82	1.09	18.98	≤30.00	PASS
	Ant1	5825	77.82	1.09	15.99	≤30.00	PASS
	Ant2	5825	77.82	1.09	16	≤30.00	PASS
	total	5825	77.82	1.09	19.01	≤30.00	PASS
11AC40MIMO	Ant1	5190	83.67	0.77	17.04	≤23.98	PASS
	Ant2	5190	83.67	0.77	14.92	≤23.98	PASS
	total	5190	83.67	0.77	19.12	≤23.98	PASS

	Ant1	5230	83.67	0.77	16.87	≤23.98	PASS
	Ant2	5230	83.67	0.77	14.76	≤23.98	PASS
	total	5230	83.67	0.77	18.95	≤23.98	PASS
	Ant1	5755	83.67	0.77	15.62	≤30.00	PASS
	Ant2	5755	83.67	0.77	15.96	≤30.00	PASS
	total	5755	83.67	0.77	18.8	≤30.00	PASS
	Ant1	5795	83.67	0.77	15.83	≤30.00	PASS
	Ant2	5795	83.67	0.77	16.17	≤30.00	PASS
	total	5795	83.67	0.77	19.01	≤30.00	PASS
11AC80MIMO	Ant1	5210	84.41	0.74	16.97	≤23.98	PASS
	Ant2	5210	84.41	0.74	14.74	≤23.98	PASS
	total	5210	84.41	0.74	19.01	≤23.98	PASS
	Ant1	5775	84.41	0.74	16.08	≤30.00	PASS
	Ant2	5775	84.41	0.74	16.27	≤30.00	PASS
	total	5775	84.41	0.74	19.19	≤30.00	PASS

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

IC

Test Mode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Power[dBm]	Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
11A	Ant1	5180	95.81	0.19	17.21	---	17.42	22.20	PASS
	Ant2	5180	95.81	0.19	17.47	---	17.68	22.20	PASS
	Ant1	5220	95.81	0.19	16.85	---	17.06	22.20	PASS
	Ant2	5220	95.81	0.19	17.19	---	17.4	22.20	PASS
	Ant1	5240	95.81	0.19	16.72	---	16.93	22.20	PASS
	Ant2	5240	95.81	0.19	17.26	---	17.47	22.20	PASS
	Ant1	5745	95.81	0.19	16.71	30.00	16.92	---	PASS
	Ant2	5745	95.81	0.19	16.7	30.00	16.91	---	PASS
	Ant1	5785	95.81	0.19	17.25	30.00	17.46	---	PASS
	Ant2	5785	95.81	0.19	17.7	30.00	17.91	---	PASS
	Ant1	5825	95.81	0.19	17.15	30.00	17.36	---	PASS
	Ant2	5825	95.81	0.19	17.26	30.00	17.47	---	PASS
11N20MIMO	Ant1	5180	98.25	0.08	16.94	---	17.15	22.48	PASS
	Ant2	5180	98.25	0.08	14.97	---	15.18	22.46	PASS
	total	5180	98.25	0.08	19.08	---	19.29	22.48	PASS
	Ant1	5220	98.25	0.08	16.69	---	16.9	22.48	PASS
	Ant2	5220	98.25	0.08	14.62	---	14.83	22.46	PASS
	total	5220	98.25	0.08	18.79	---	19	22.48	PASS
	Ant1	5240	98.25	0.08	16.52	---	16.73	22.48	PASS
	Ant2	5240	98.25	0.08	14.55	---	14.76	22.47	PASS
	total	5240	98.25	0.08	18.66	---	18.87	22.48	PASS
	Ant1	5745	98.25	0.08	15.9	30	16.11	---	PASS
	Ant2	5745	98.25	0.08	16.19	30	16.4	---	PASS
	total	5745	98.25	0.08	19.06	30	19.27	---	PASS
	Ant1	5785	98.25	0.08	15.82	30	16.03	---	PASS
	Ant2	5785	98.25	0.08	16.11	30	16.32	---	PASS
	total	5785	98.25	0.08	18.98	30	19.19	---	PASS
	Ant1	5825	98.25	0.08	16	30	16.21	---	PASS
	Ant2	5825	98.25	0.08	16.11	30	16.32	---	PASS
	total	5825	98.25	0.08	19.07	30	19.28	---	PASS

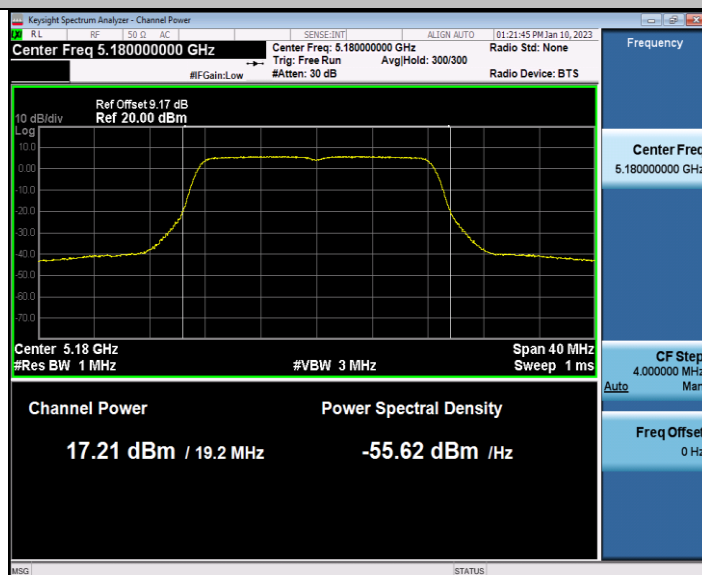
11N40MIMO	Ant1	5190	97.03	0.13	16.98	---	17.19	23.01	PASS
	Ant2	5190	97.03	0.13	14.97	---	15.18	23.01	PASS
	total	5190	97.03	0.13	19.1	---	19.31	23.01	PASS
	Ant1	5230	97.03	0.13	16.8	---	17.01	23.01	PASS
	Ant2	5230	97.03	0.13	14.72	---	14.93	23.01	PASS
	total	5230	97.03	0.13	18.89	---	19.1	23.01	PASS
	Ant1	5755	97.03	0.13	15.6	30.00	15.81	---	PASS
	Ant2	5755	97.03	0.13	15.81	30.00	16.02	---	PASS
	total	5755	97.03	0.13	18.72	30.00	18.93	---	PASS
	Ant1	5795	97.03	0.13	16	30.00	16.21	---	PASS
	Ant2	5795	97.03	0.13	16.22	30.00	16.43	---	PASS
	total	5795	97.03	0.13	19.12	30.00	19.33	---	PASS
11AC20MIMO	Ant1	5180	77.82	1.09	17.16	---	17.37	22.49	PASS
	Ant2	5180	77.82	1.09	14.81	---	15.02	22.48	PASS
	total	5180	77.82	1.09	19.15	---	19.36	22.49	PASS
	Ant1	5220	77.82	1.09	16.43	---	16.64	22.49	PASS
	Ant2	5220	77.82	1.09	14.37	---	14.58	22.48	PASS
	total	5220	77.82	1.09	18.53	---	18.74	22.49	PASS
	Ant1	5240	77.82	1.09	16.35	---	16.56	22.49	PASS
	Ant2	5240	77.82	1.09	14.47	---	14.68	22.48	PASS
	total	5240	77.82	1.09	18.52	---	18.73	22.49	PASS
	Ant1	5745	77.82	1.09	15.31	30	15.52	---	PASS
	Ant2	5745	77.82	1.09	15.44	30	15.65	---	PASS
	total	5745	77.82	1.09	18.39	30	18.6	---	PASS
	Ant1	5785	77.82	1.09	15.81	30	16.02	---	PASS
	Ant2	5785	77.82	1.09	16.13	30	16.34	---	PASS
	total	5785	77.82	1.09	18.98	30	19.19	---	PASS
	Ant1	5825	77.82	1.09	15.99	30	16.2	---	PASS
	Ant2	5825	77.82	1.09	16	30	16.21	---	PASS
	total	5825	77.82	1.09	19.01	30	19.22	---	PASS
11AC40MIMO	Ant1	5190	83.67	0.77	17.04	---	17.25	23.01	PASS
	Ant2	5190	83.67	0.77	14.92	---	15.13	23.01	PASS
	total	5190	83.67	0.77	19.12	---	19.33	23.01	PASS
	Ant1	5230	83.67	0.77	16.87	---	17.08	23.01	PASS
	Ant2	5230	83.67	0.77	14.76	---	14.97	23.01	PASS

	total	5230	83.67	0.77	18.95	---	19.16	23.01	PASS
	Ant1	5755	83.67	0.77	15.62	30	15.83	---	PASS
	Ant2	5755	83.67	0.77	15.96	30	16.17	---	PASS
	total	5755	83.67	0.77	18.8	30	19.01	---	PASS
	Ant1	5795	83.67	0.77	15.83	30	16.04	---	PASS
	Ant2	5795	83.67	0.77	16.17	30	16.38	---	PASS
	total	5795	83.67	0.77	19.01	30	19.22	---	PASS
11AC80MIMO	Ant1	5210	84.41	0.74	16.97	---	17.18	23.01	PASS
	Ant2	5210	84.41	0.74	14.74	---	14.95	23.01	PASS
	total	5210	84.41	0.74	19.01	---	19.22	23.01	PASS
	Ant1	5775	84.41	0.74	16.08	30	16.29	---	PASS
	Ant2	5775	84.41	0.74	16.27	30	16.48	---	PASS
	total	5775	84.41	0.74	19.19	30	19.21	---	PASS

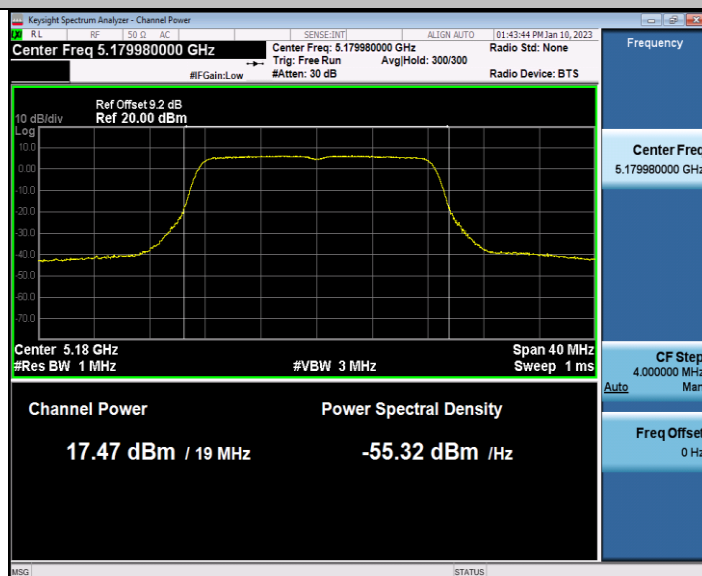
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

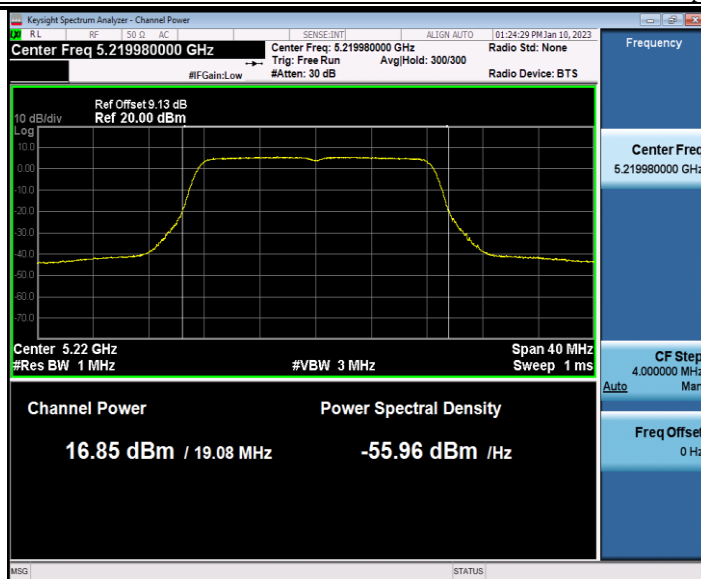
11A_Ant1_5180



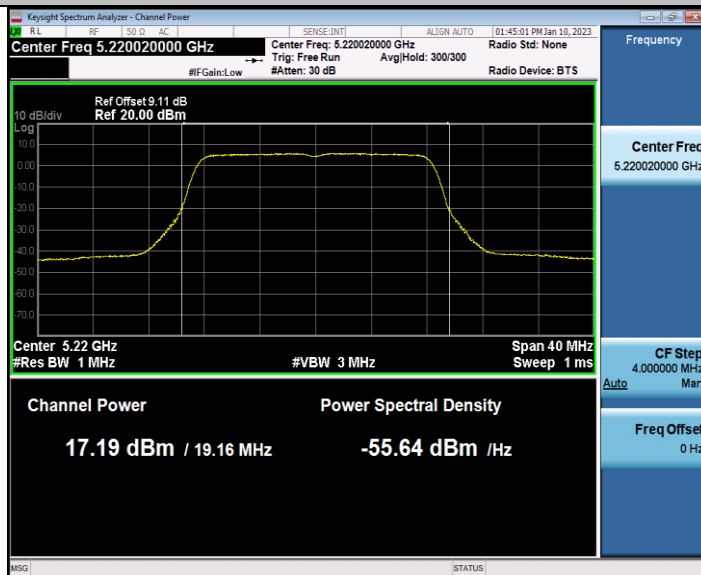
11A_Ant2_5180



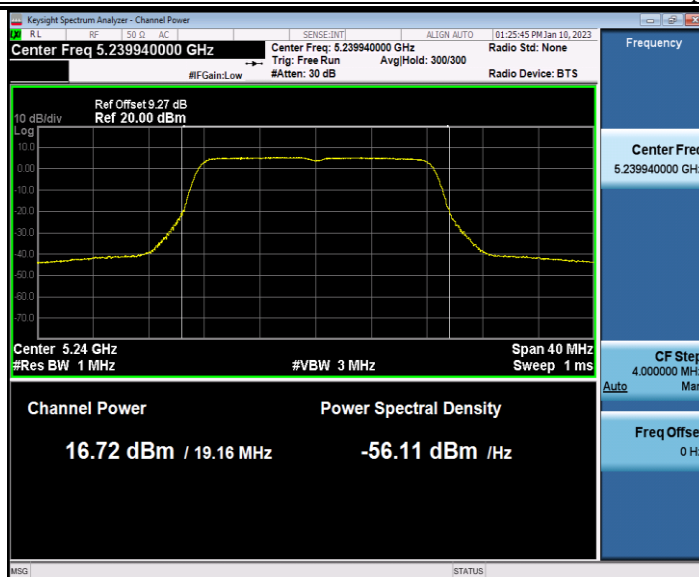
11A_Ant1_5220



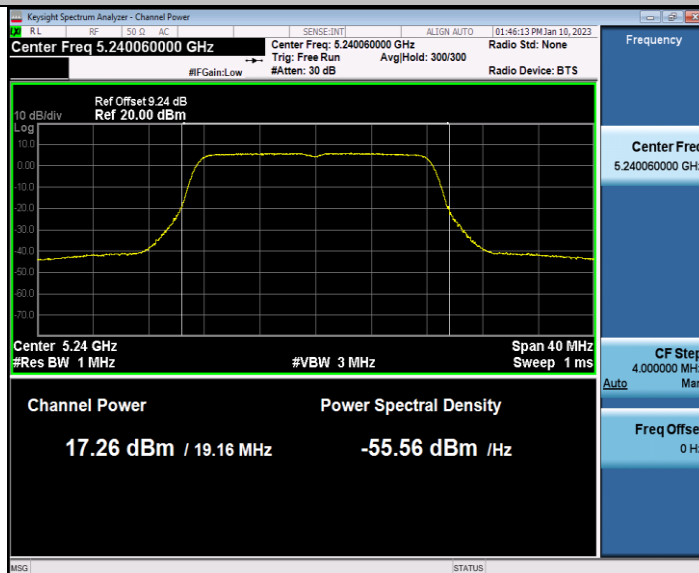
11A_Ant2_5220



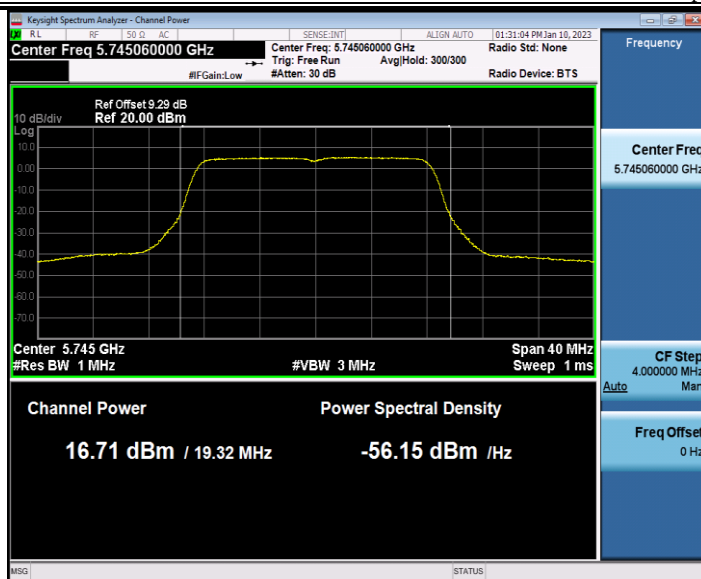
11A_Ant1_5240



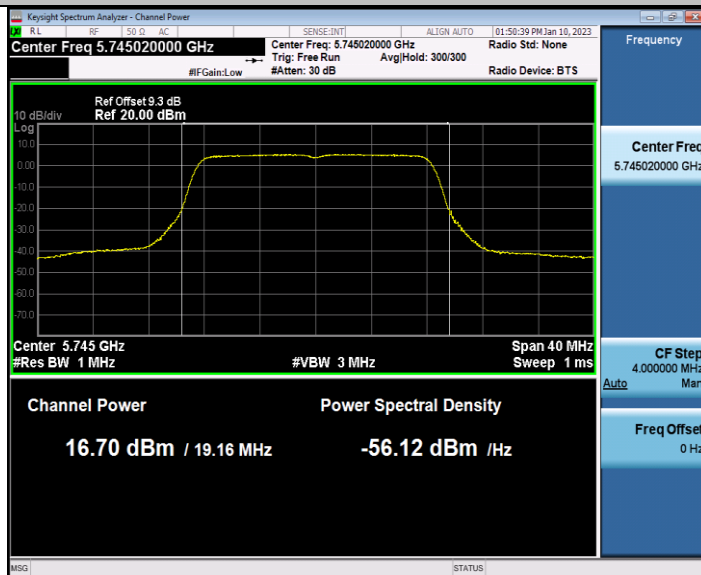
11A_Ant2_5240



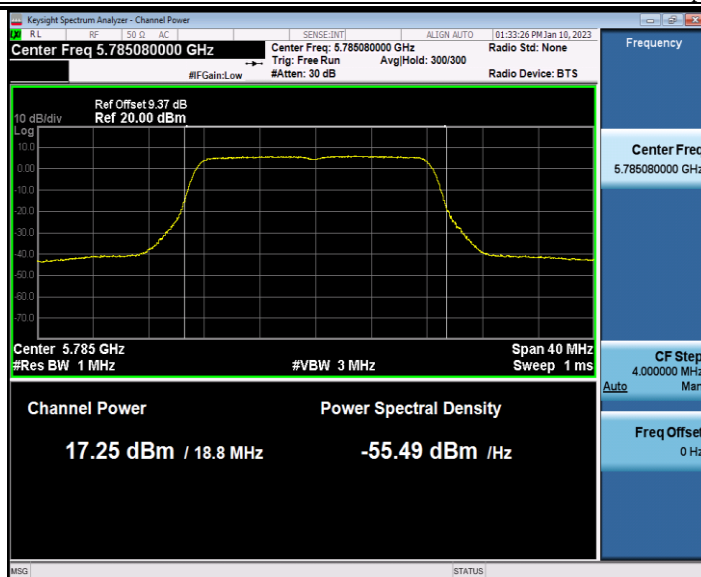
11A_Ant1_5745



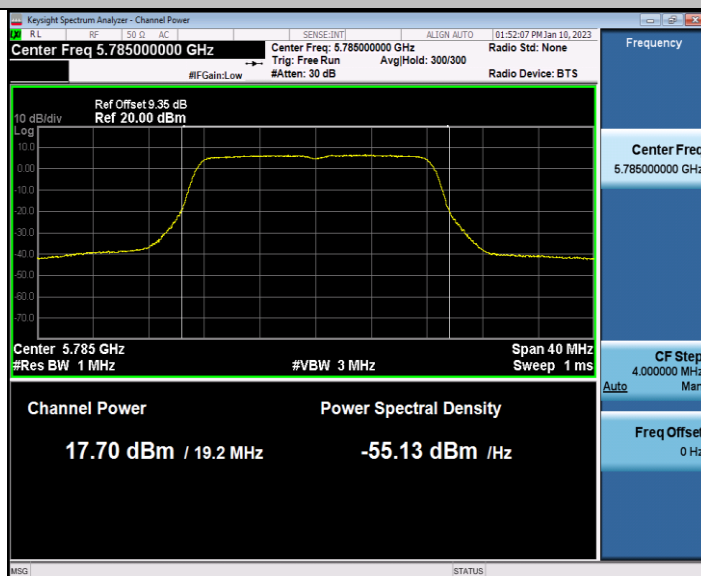
11A_Ant2_5745



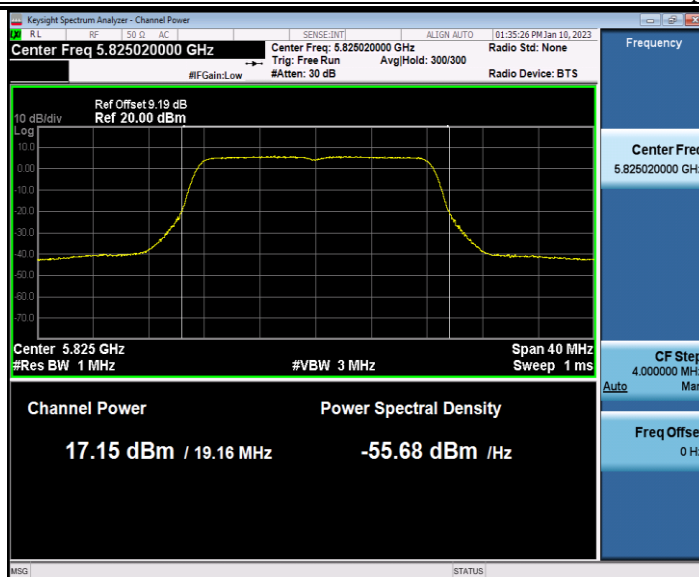
11A_Ant1_5785



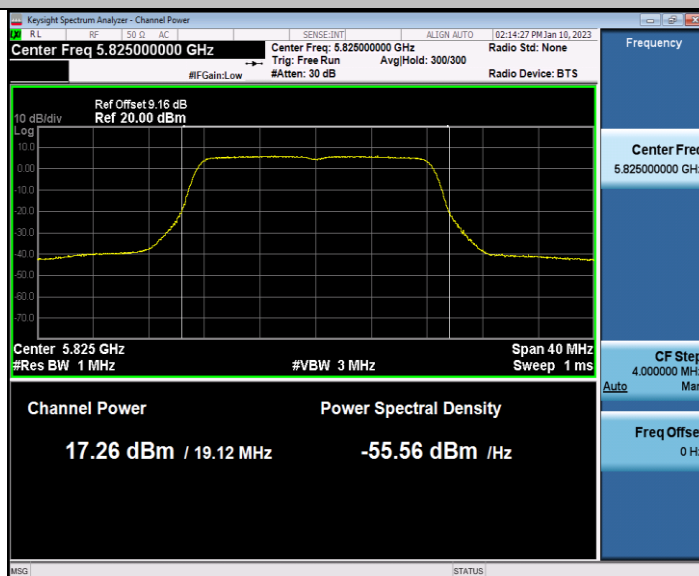
11A_Ant2_5785



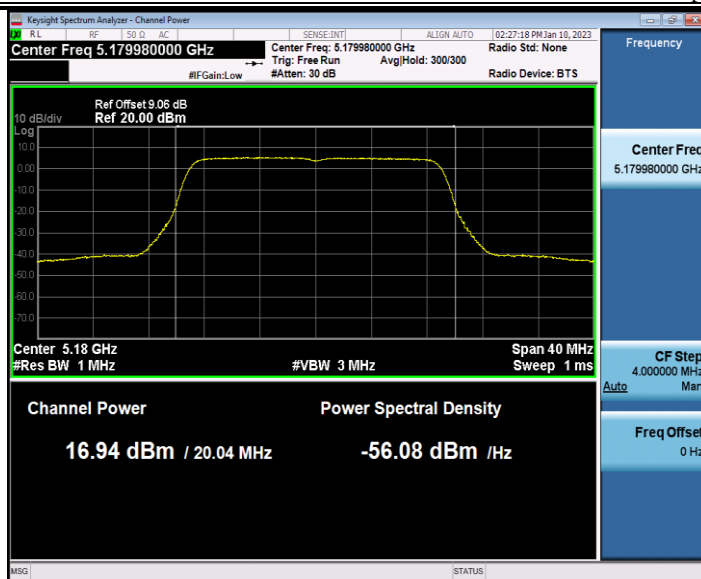
11A_Ant1_5825



11A_Ant2_5825



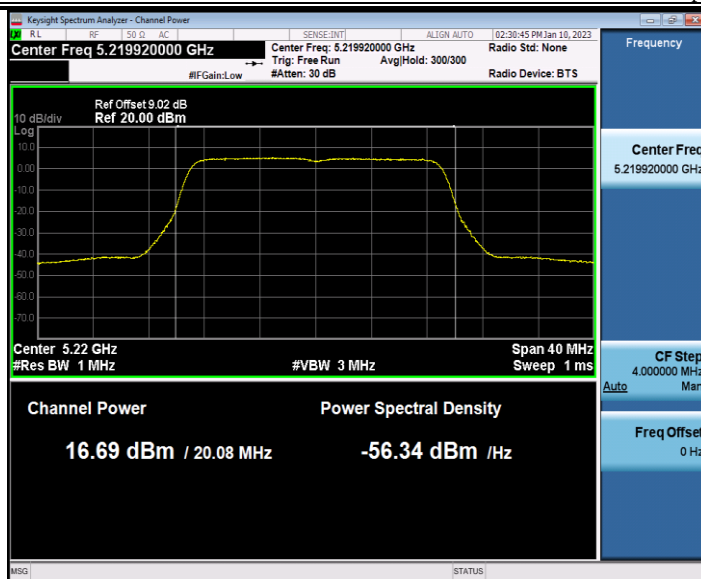
11N20MIMO_Ant1_5180



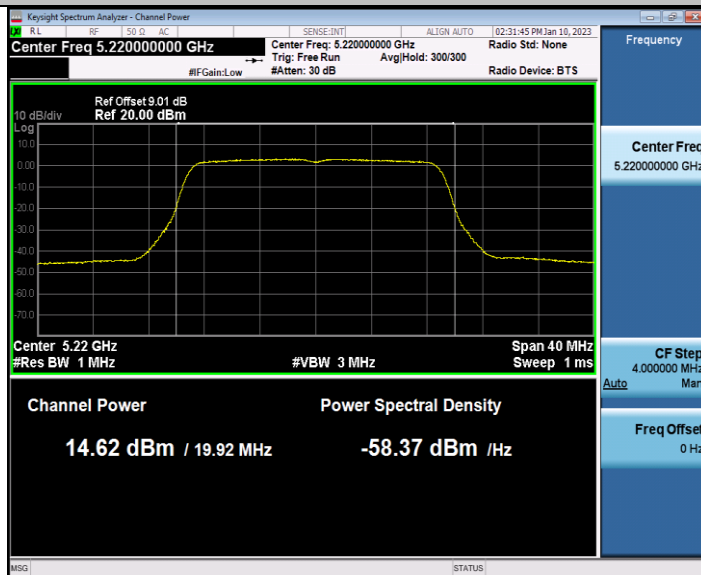
11N20MIMO_Ant2_5180



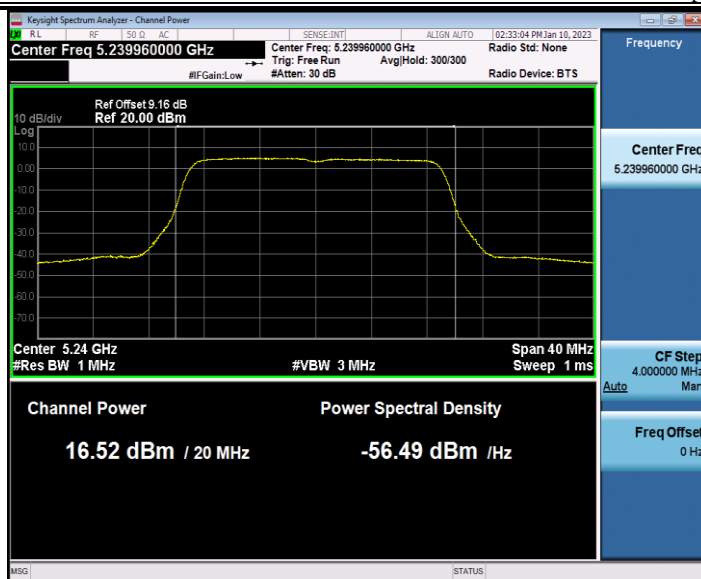
11N20MIMO_Ant1_5220



11N20MIMO_Ant2_5220



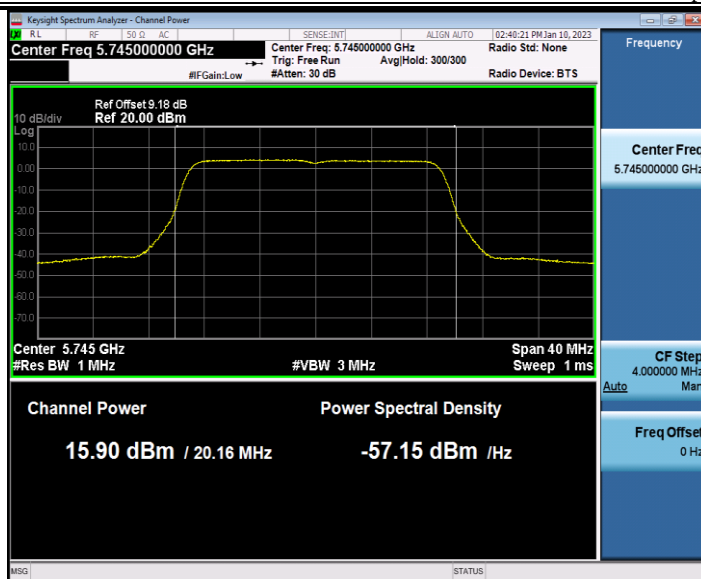
11N20MIMO_Ant1_5240



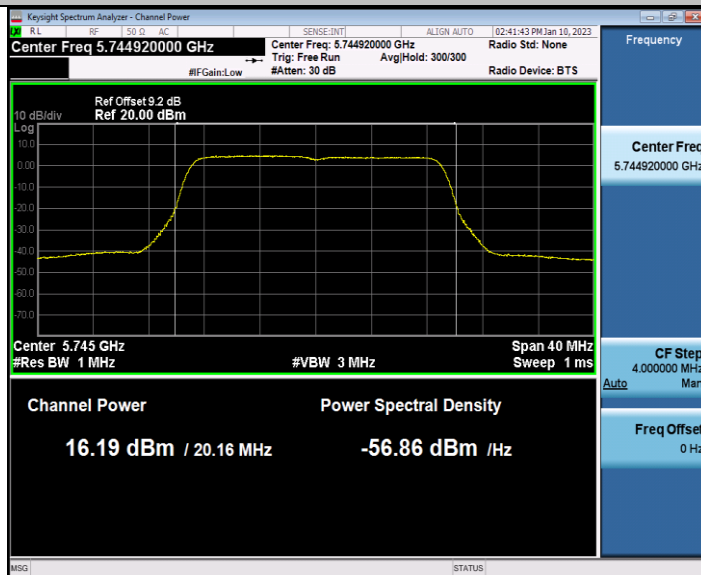
11N20MIMO_Ant2_5240



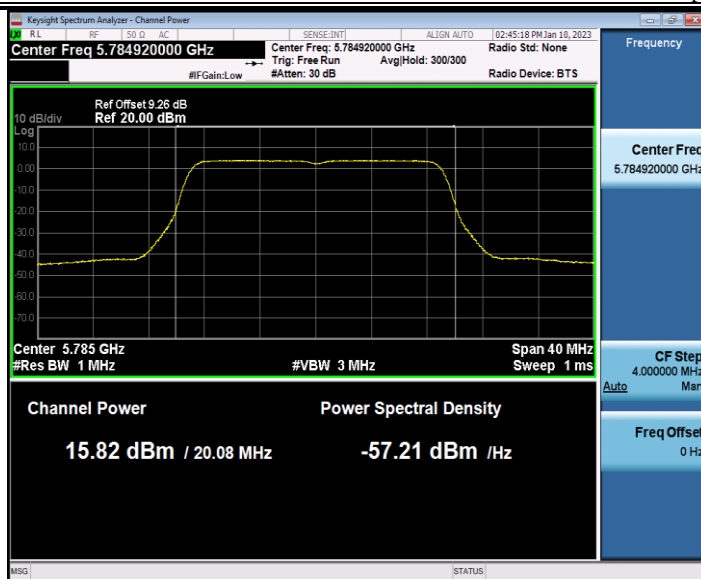
11N20MIMO_Ant1_5745



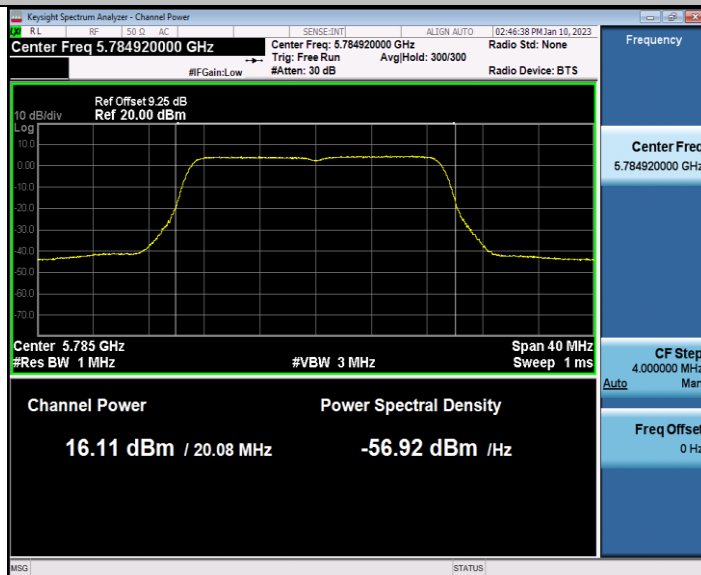
11N20MIMO_Ant2_5745



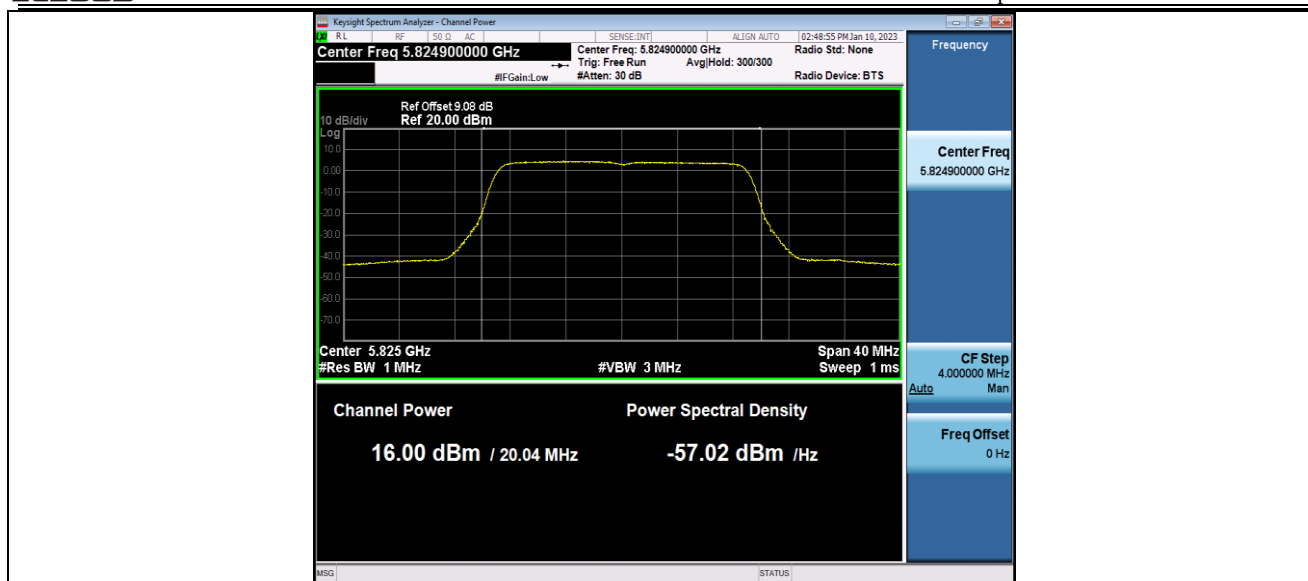
11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825

