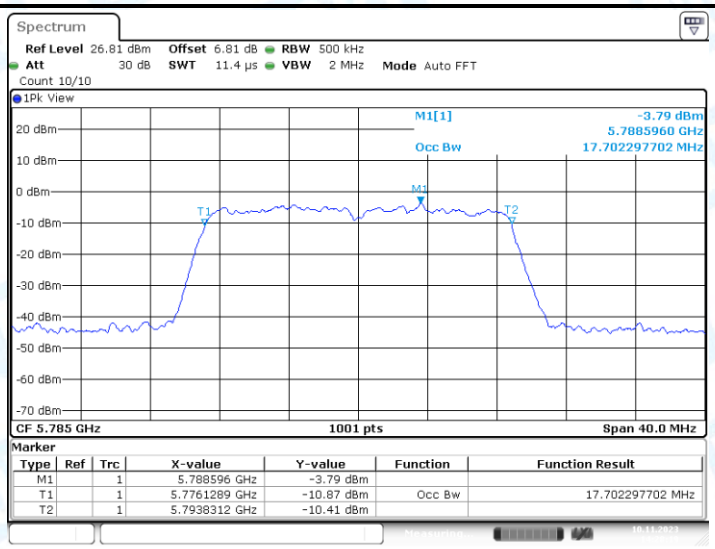
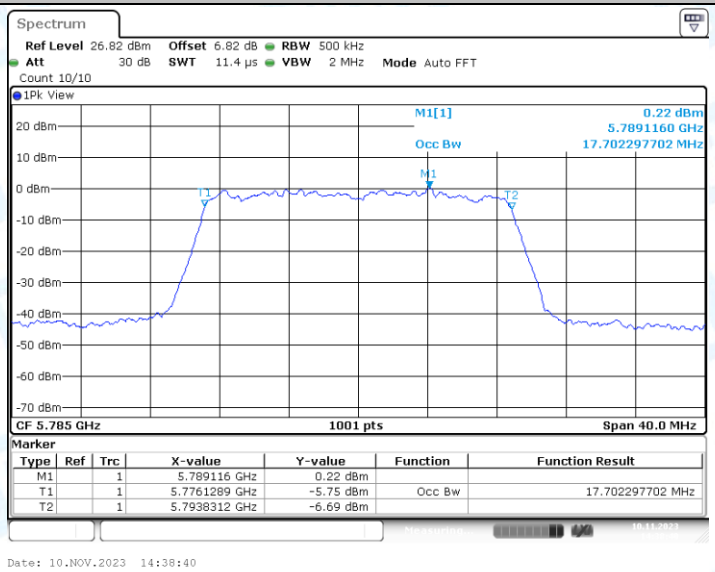
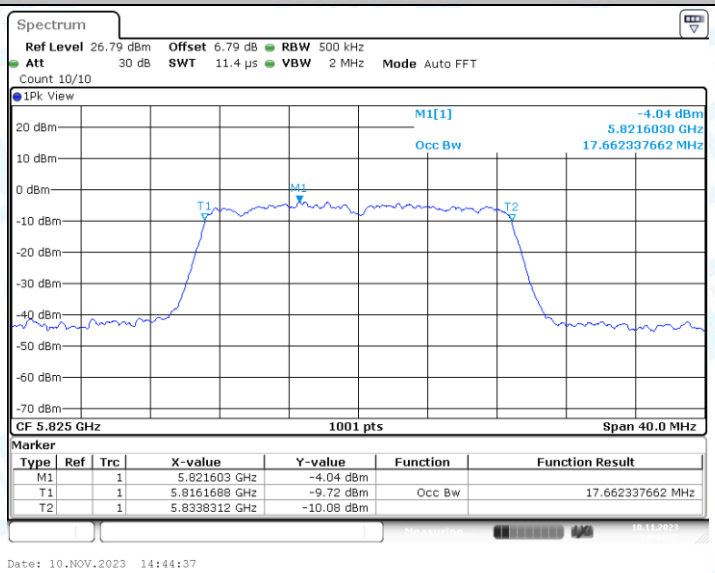


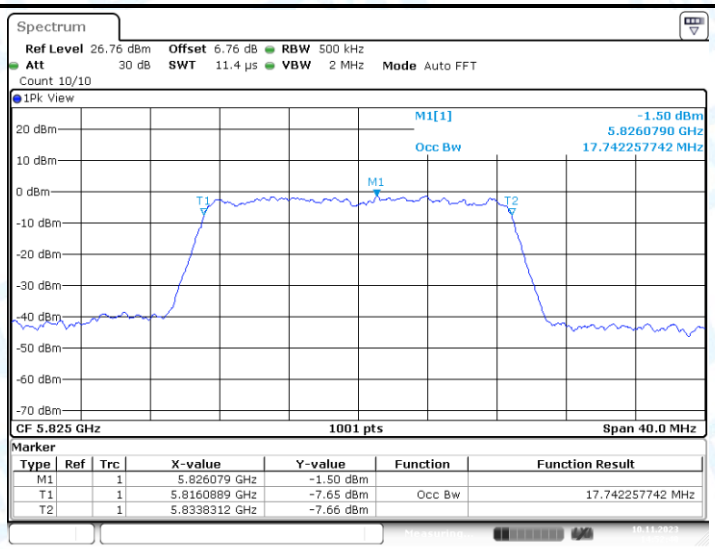
11N20MIMO_Ant2_5785



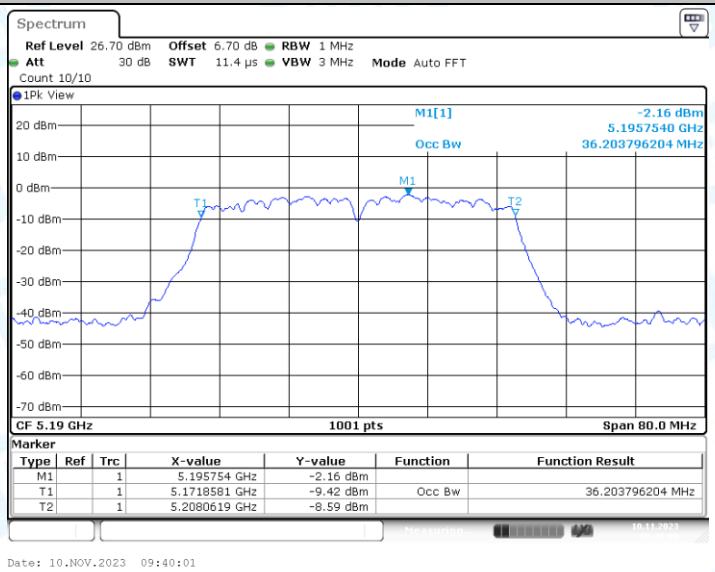
11N20MIMO_Ant1_5825



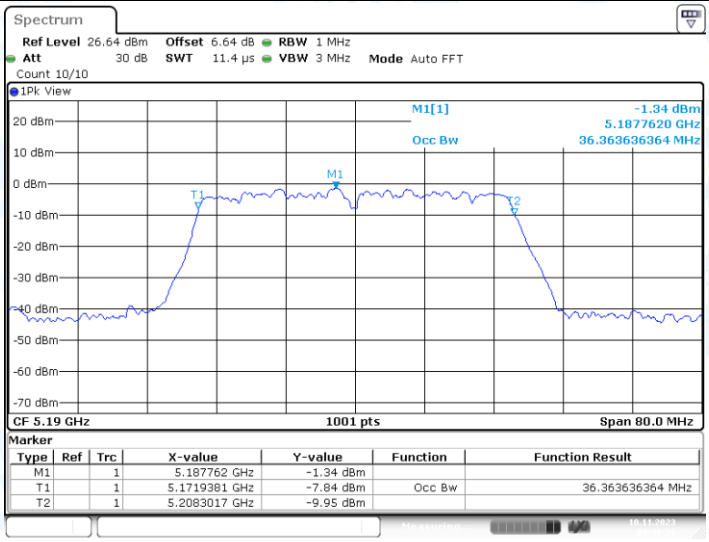
11N20MIMO_Ant2_5825



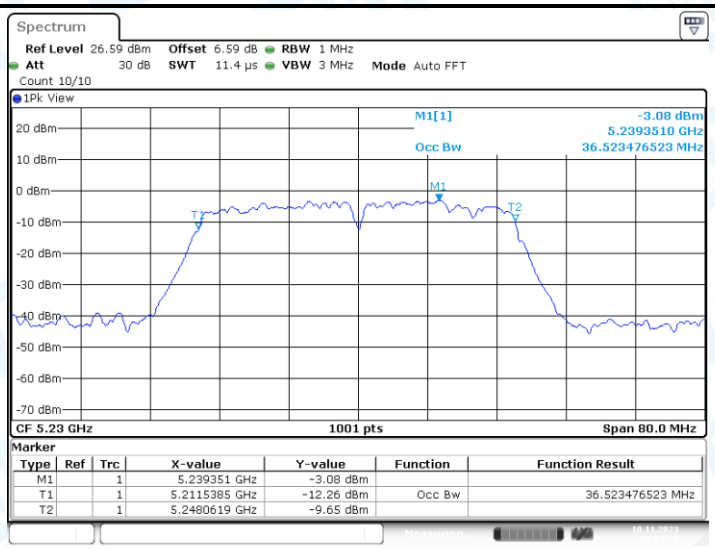
11N40MIMO_Ant1_5190



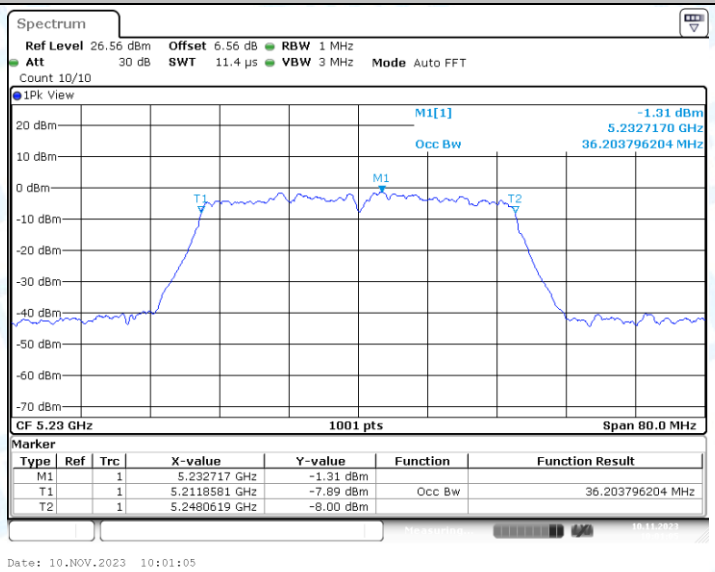
11N40MIMO_Ant2_5190



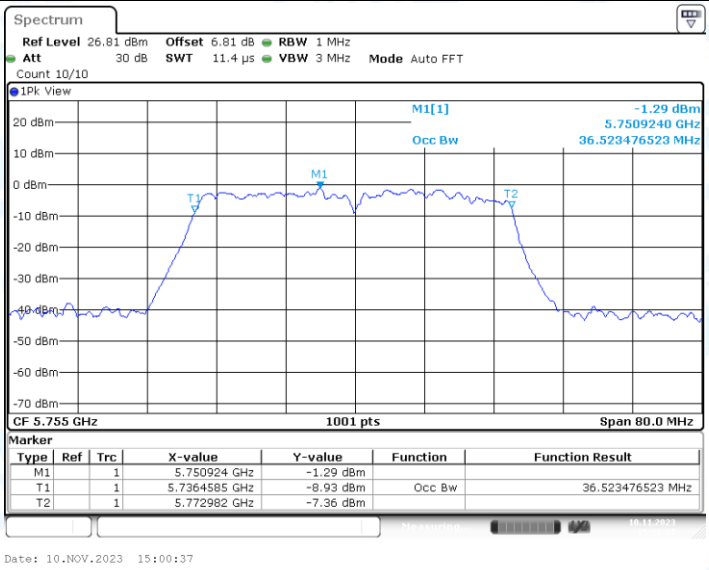
11N40MIMO_Ant1_5230



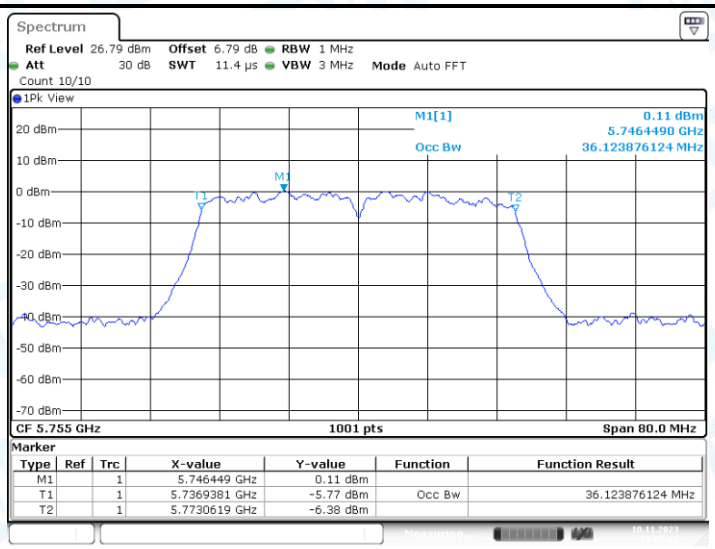
11N40MIMO_Ant2_5230



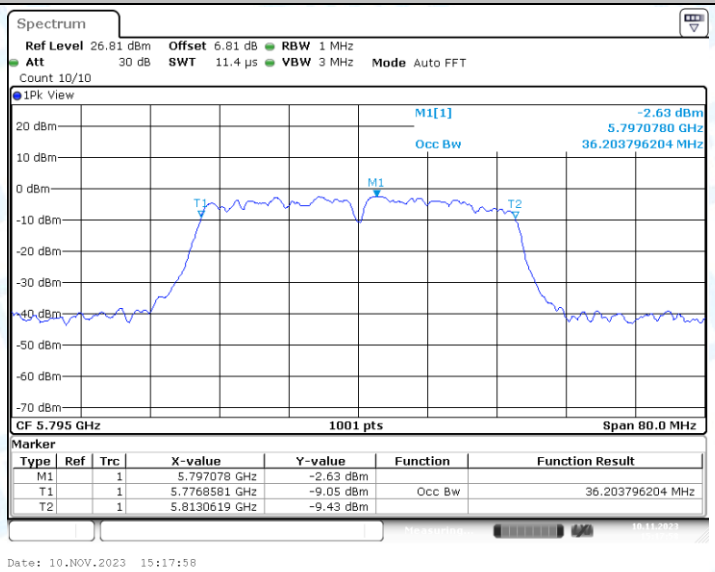
11N40MIMO_Ant1_5755



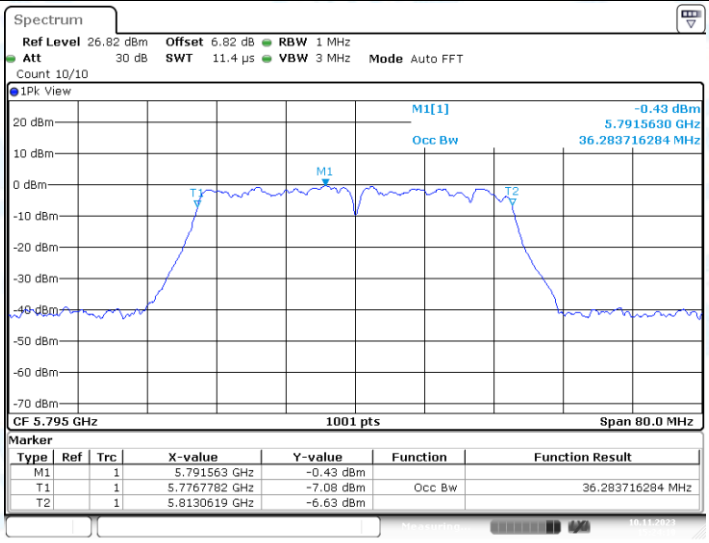
11N40MIMO_Ant2_5755



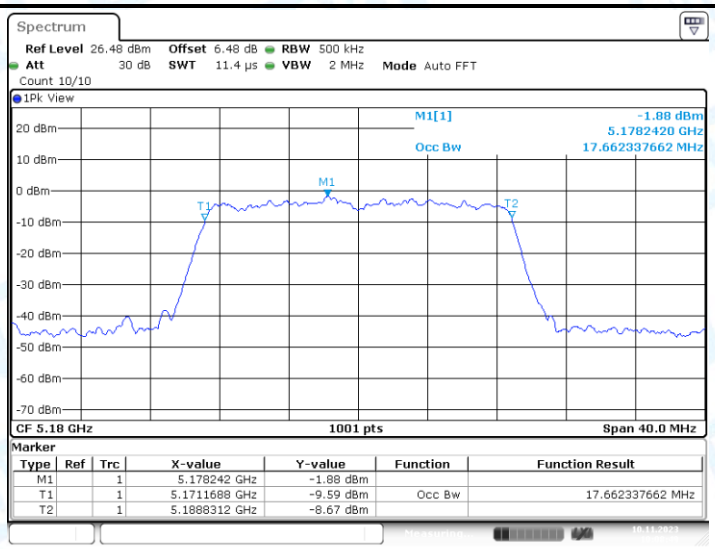
11N40MIMO_Ant1_5795



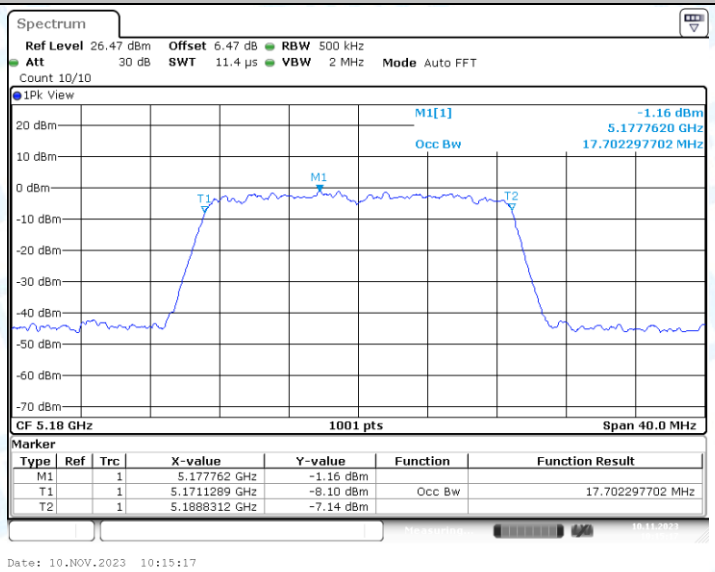
11N40MIMO_Ant2_5795



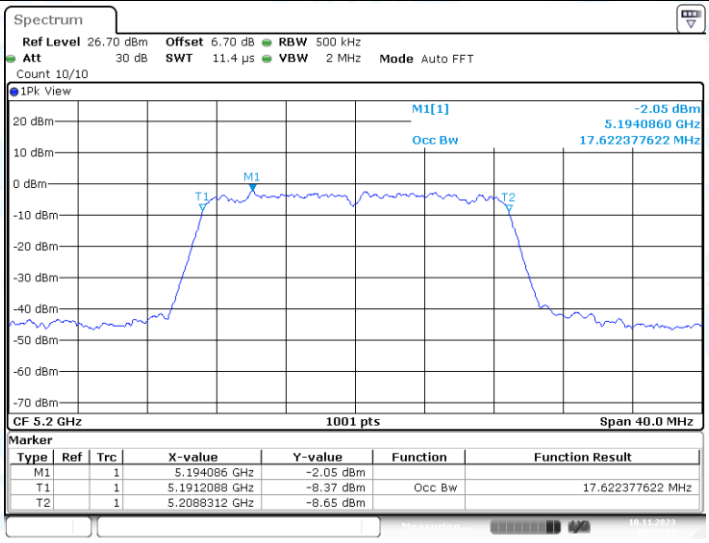
11AC20MIMO_Ant1_5180



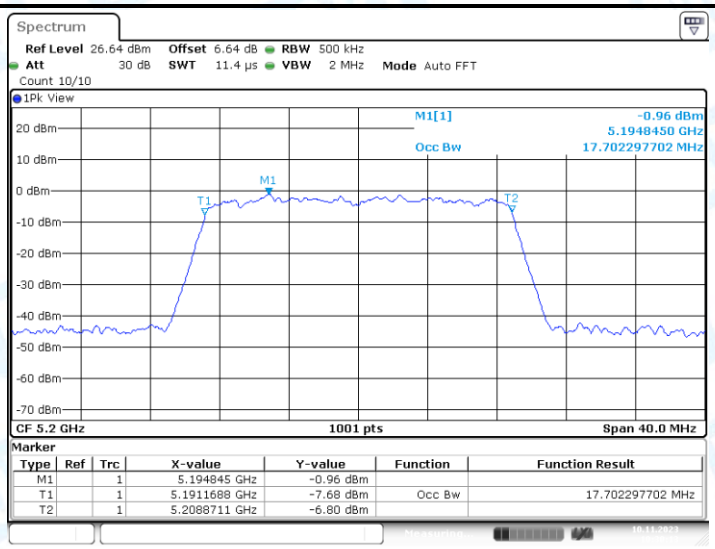
11AC20MIMO_Ant2_5180



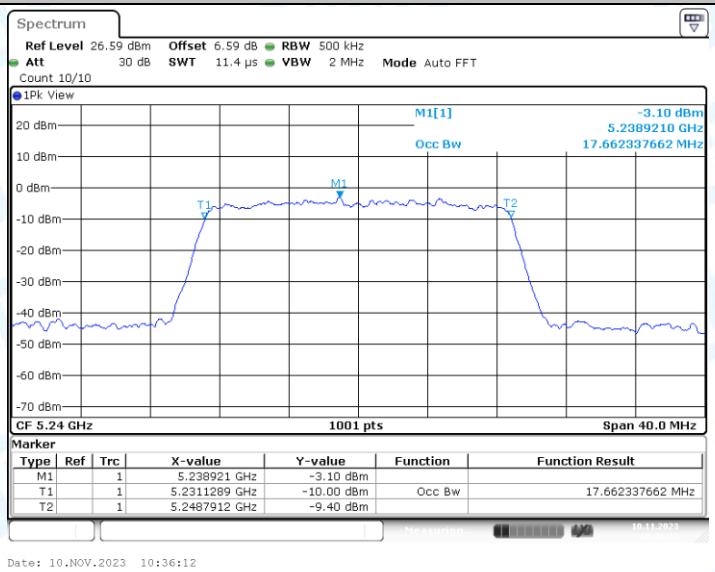
11AC20MIMO_Ant1_5200



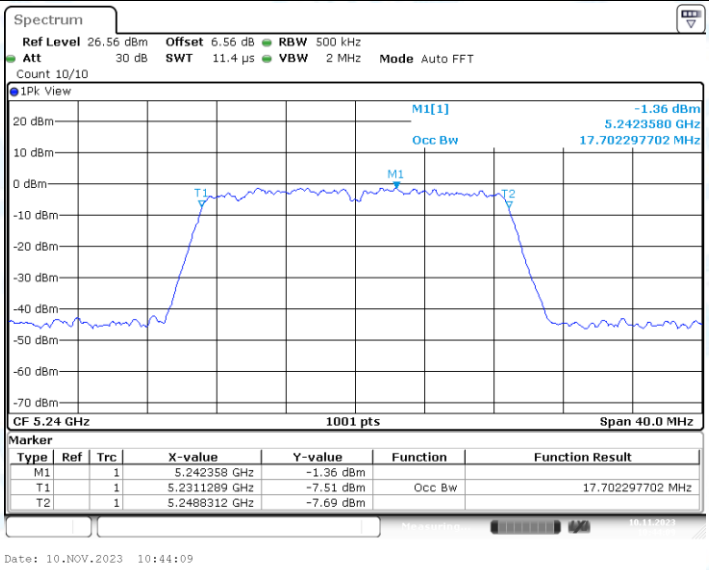
11AC20MIMO_Ant2_5200



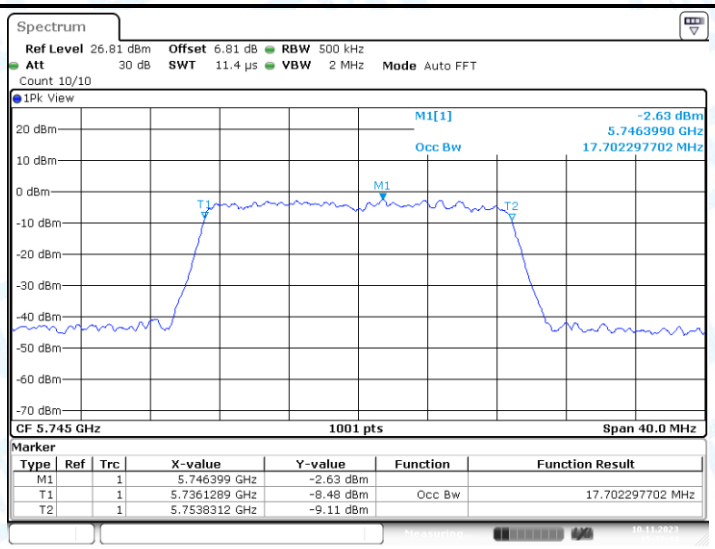
11AC20MIMO_Ant1_5240



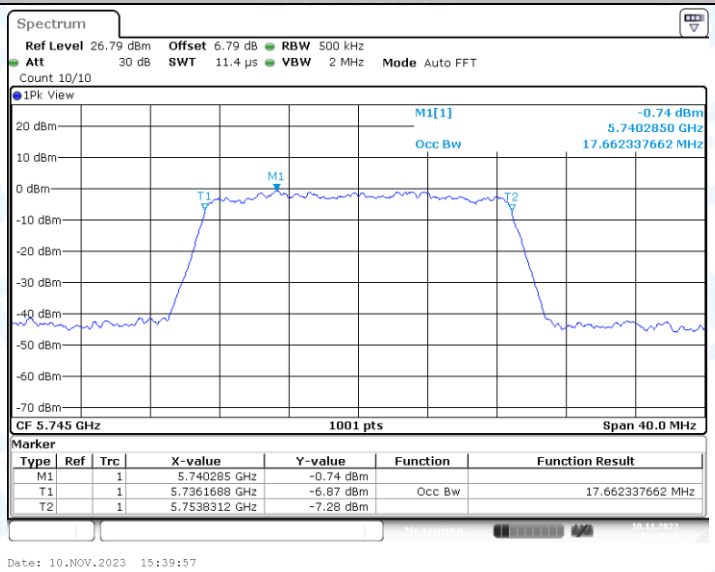
11AC20MIMO_Ant2_5240



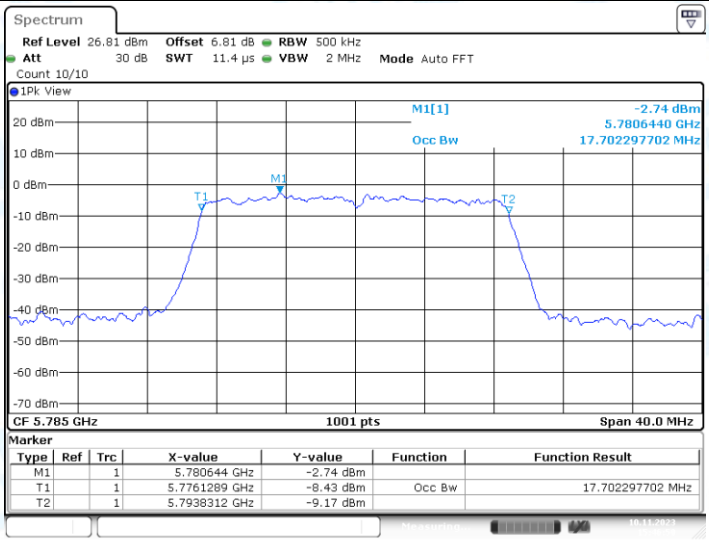
11AC20MIMO_Ant1_5745



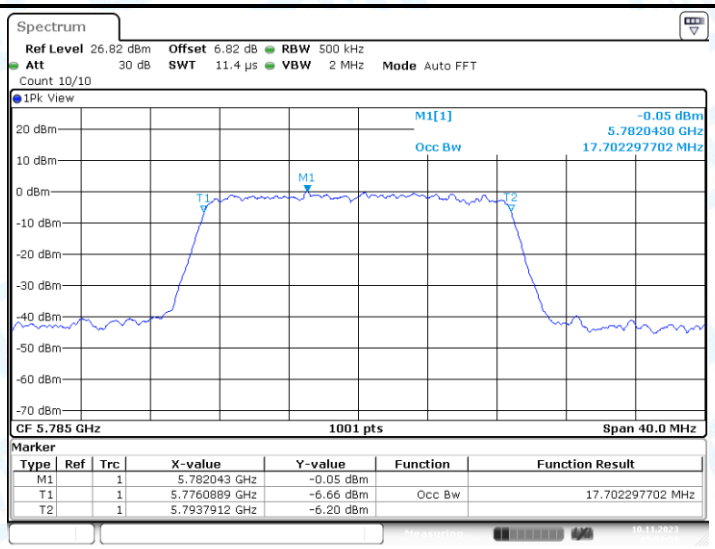
11AC20MIMO_Ant2_5745



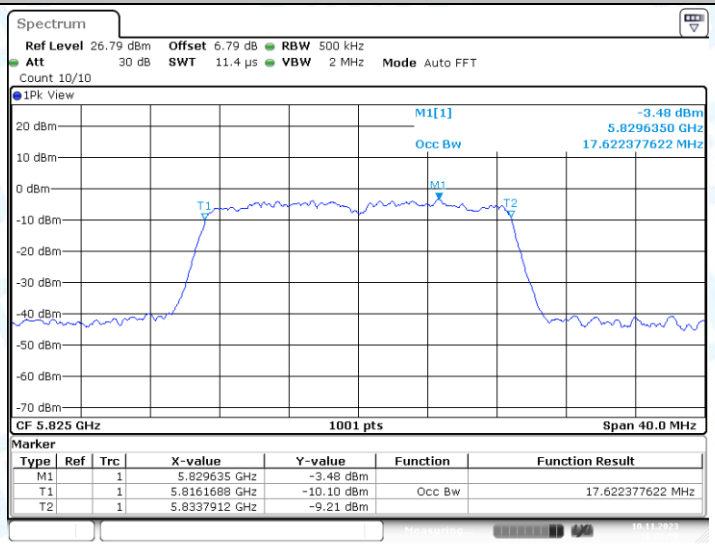
11AC20MIMO_Ant1_5785



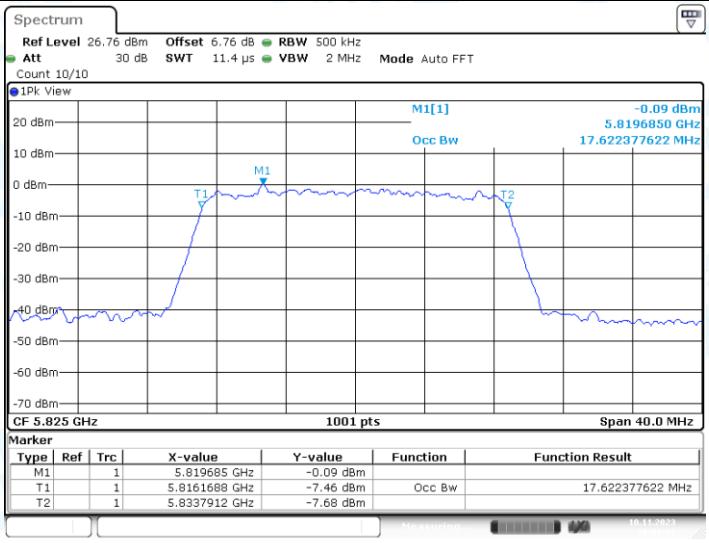
11AC20MIMO_Ant2_5785



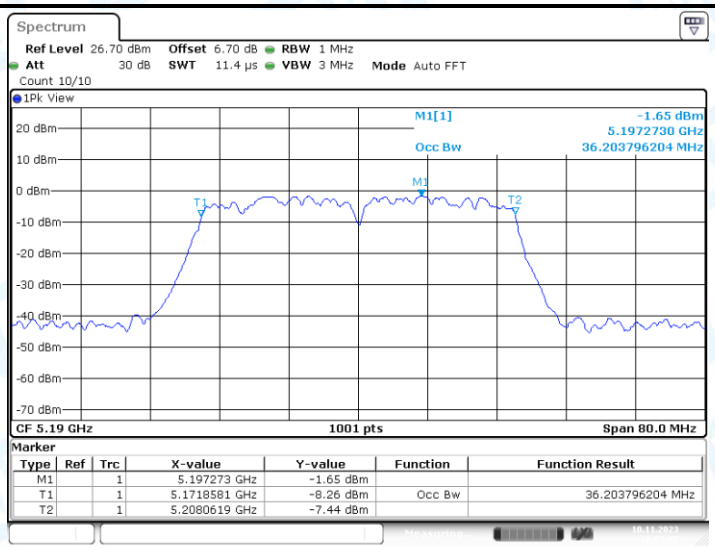
11AC20MIMO_Ant1_5825



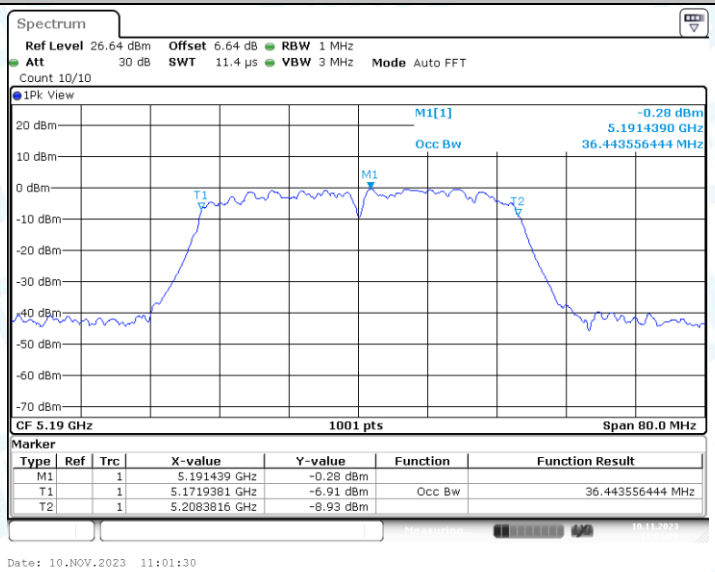
11AC20MIMO_Ant2_5825



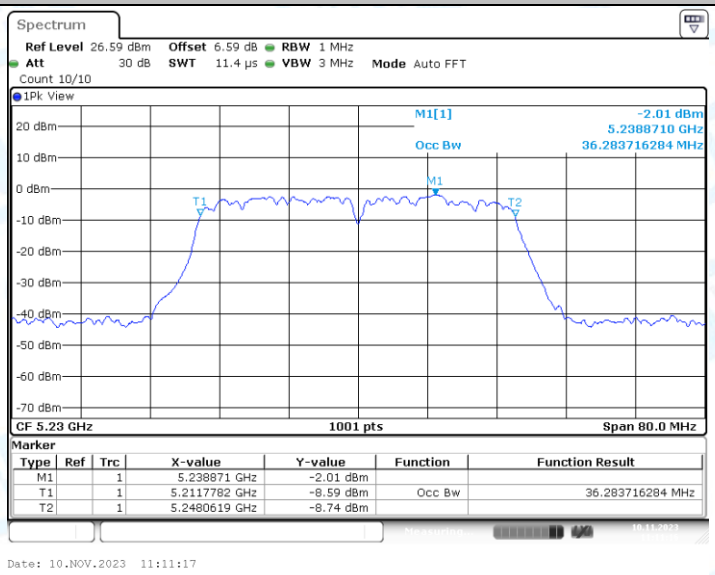
11AC40MIMO_Ant1_5190



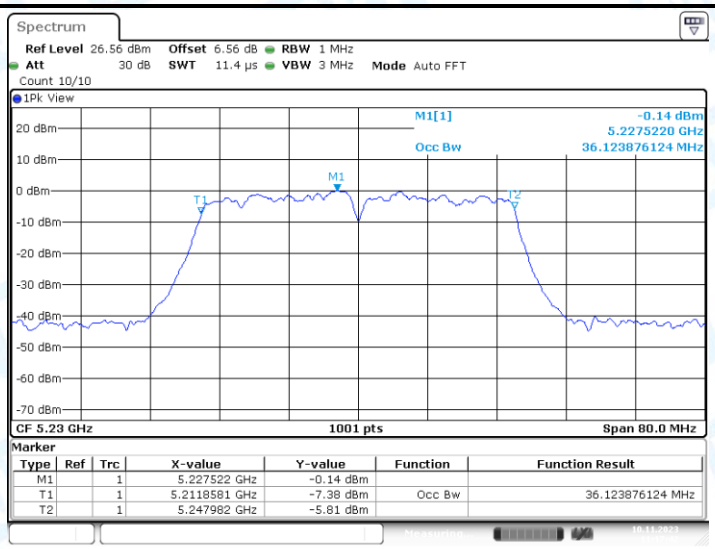
11AC40MIMO_Ant2_5190



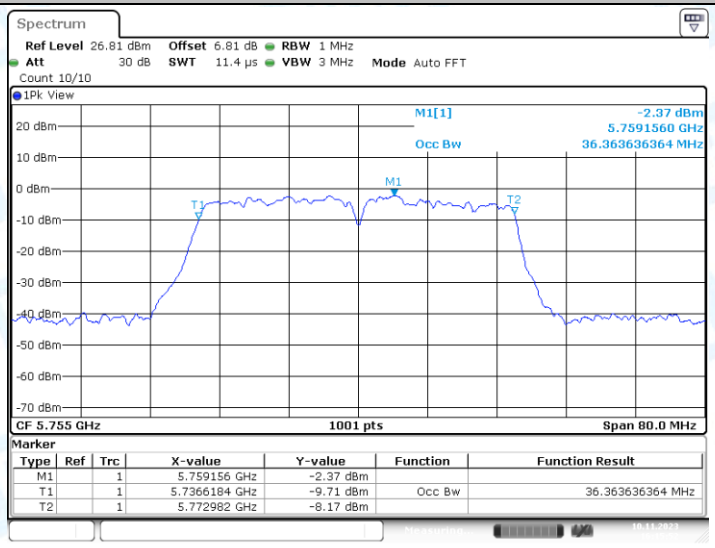
11AC40MIMO_Ant1_5230



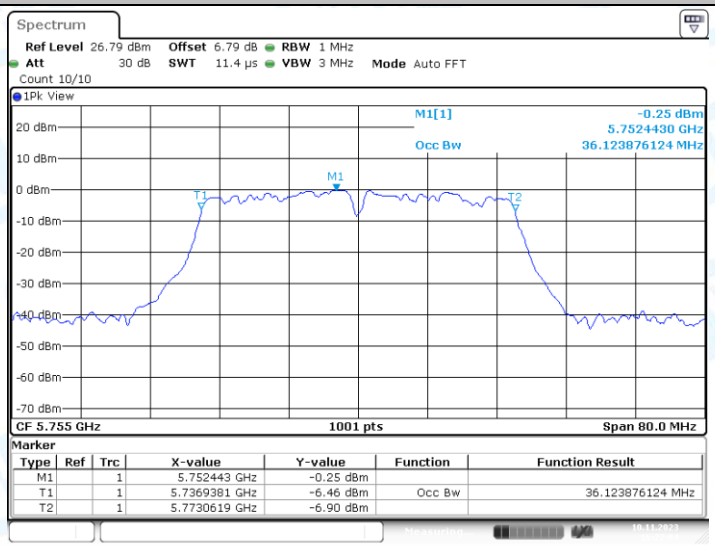
11AC40MIMO_Ant2_5230



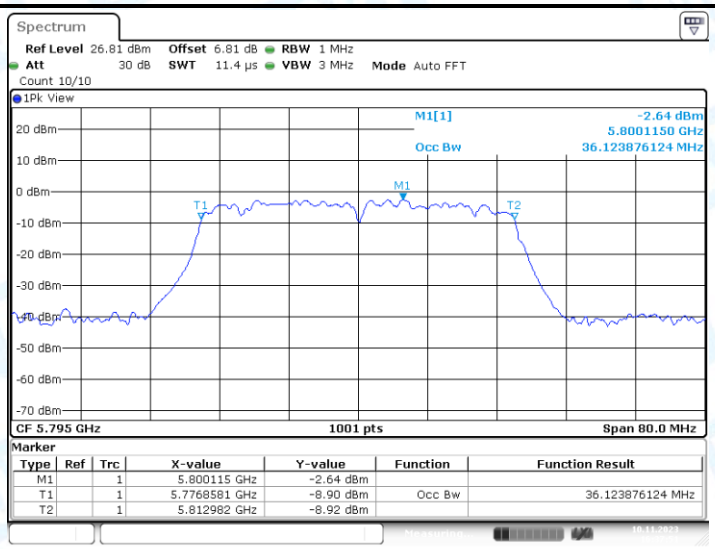
11AC40MIMO_Ant1_5755



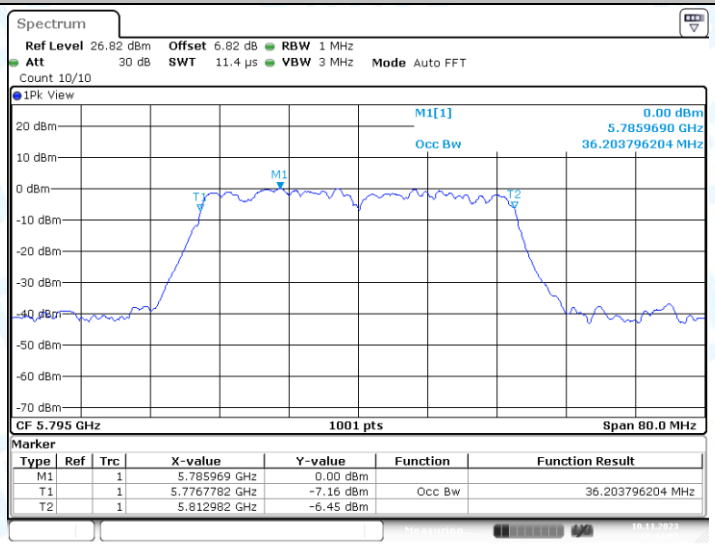
11AC40MIMO_Ant2_5755



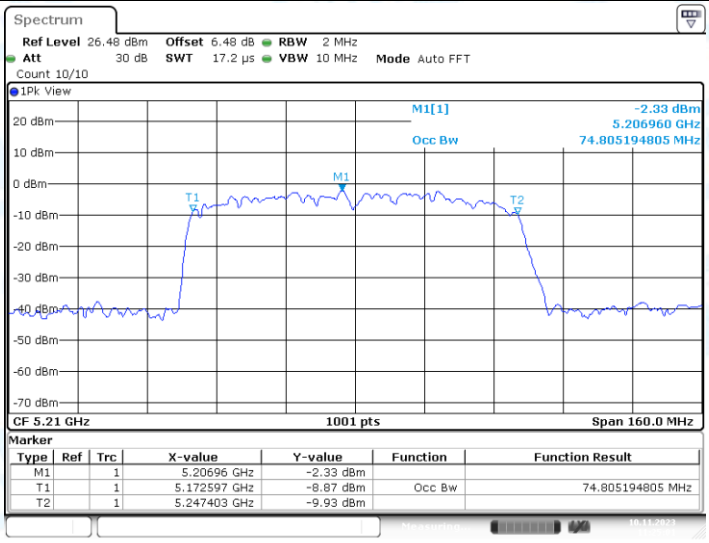
11AC40MIMO_Ant1_5795



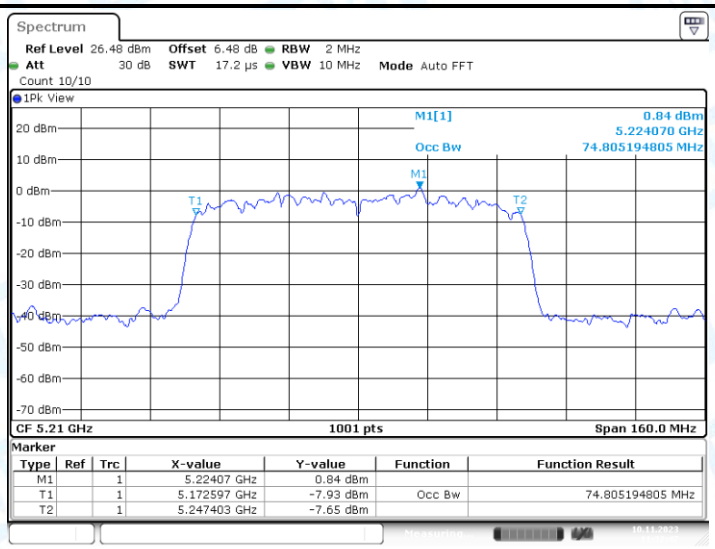
11AC40MIMO_Ant2_5795



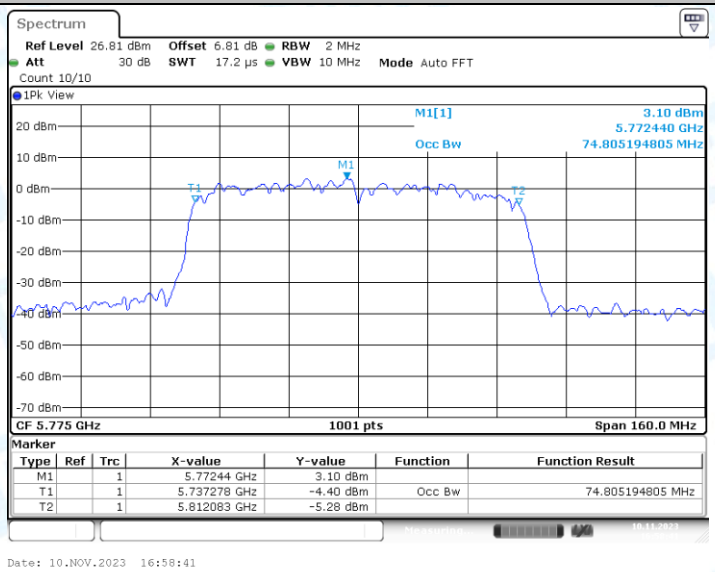
11AC80MIMO_Ant1_5210



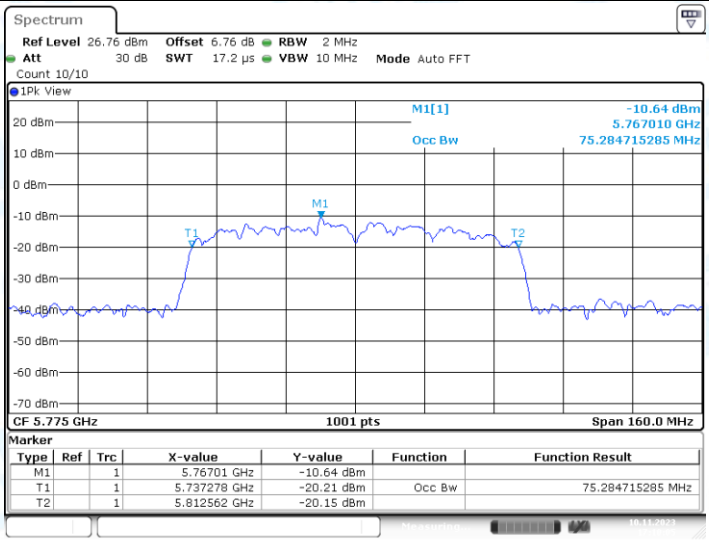
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



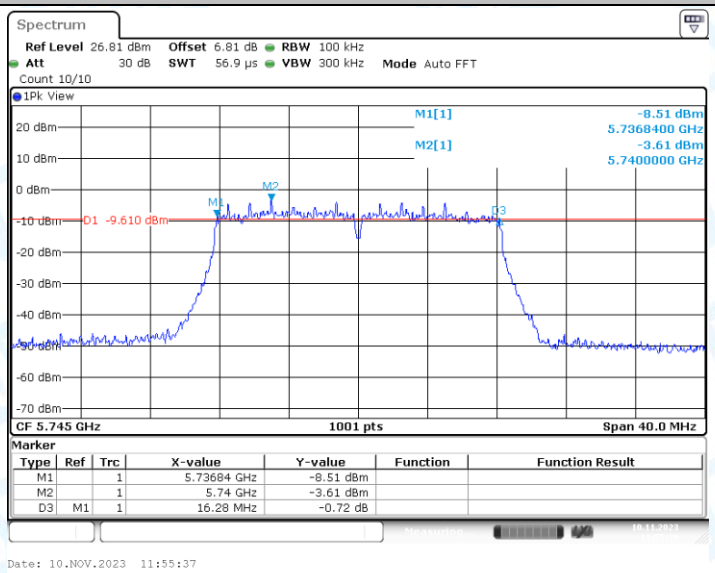
3. Min emission bandwidth

3.1.Test Result

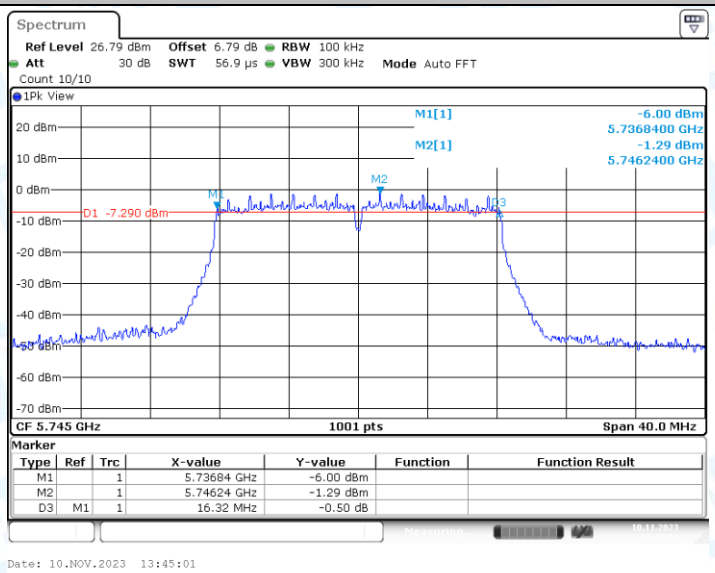
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.28	5736.84	5753.12	0.5	PASS
	Ant2	5745	16.32	5736.84	5753.16	0.5	PASS
	Ant1	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant2	5785	16.32	5776.84	5793.16	0.5	PASS
	Ant1	5825	16.28	5816.84	5833.12	0.5	PASS
	Ant2	5825	16.36	5816.80	5833.16	0.5	PASS
11N20MIMO	Ant1	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant2	5745	17.52	5736.24	5753.76	0.5	PASS
	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant2	5785	17.28	5776.24	5793.52	0.5	PASS
	Ant1	5825	17.52	5816.24	5833.76	0.5	PASS
	Ant2	5825	17.56	5816.20	5833.76	0.5	PASS
11N40MIMO	Ant1	5755	35.76	5736.84	5772.60	0.5	PASS
	Ant2	5755	35.20	5737.40	5772.60	0.5	PASS
	Ant1	5795	35.04	5777.48	5812.52	0.5	PASS
	Ant2	5795	35.28	5777.24	5812.52	0.5	PASS
11AC20MIMO	Ant1	5745	17.32	5736.20	5753.52	0.5	PASS
	Ant2	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant1	5785	17.16	5776.24	5793.40	0.5	PASS
	Ant2	5785	17.52	5776.24	5793.76	0.5	PASS
	Ant1	5825	17.60	5816.20	5833.80	0.5	PASS
	Ant2	5825	17.60	5816.20	5833.80	0.5	PASS
11AC40MIMO	Ant1	5755	35.20	5737.40	5772.60	0.5	PASS
	Ant2	5755	35.20	5737.40	5772.60	0.5	PASS
	Ant1	5795	36.08	5776.84	5812.92	0.5	PASS
	Ant2	5795	35.20	5777.40	5812.60	0.5	PASS
11AC80MIMO	Ant1	5775	72.64	5737.40	5810.04	0.5	PASS
	Ant2	5775	72.64	5737.40	5810.04	0.5	PASS

3.2.Test Graphs

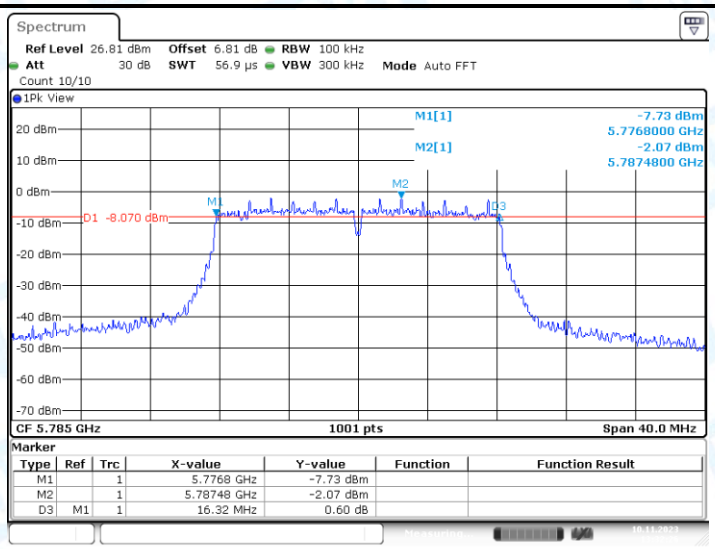
11A_Ant1_5745



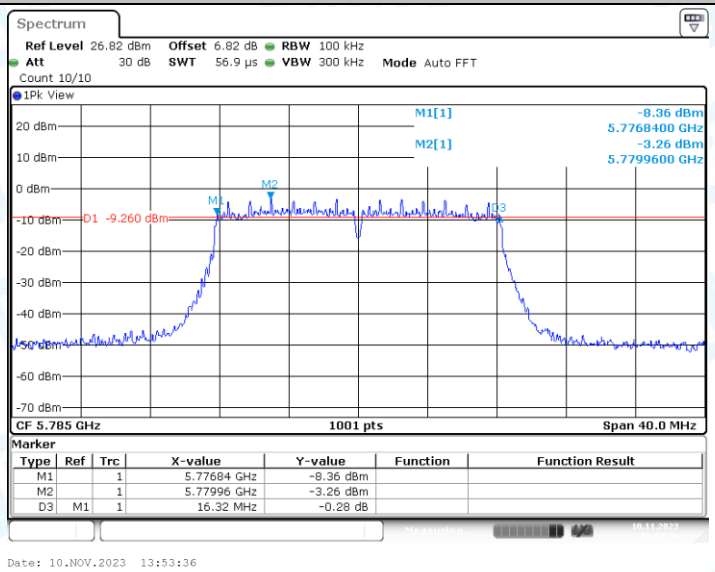
11A_Ant2_5745



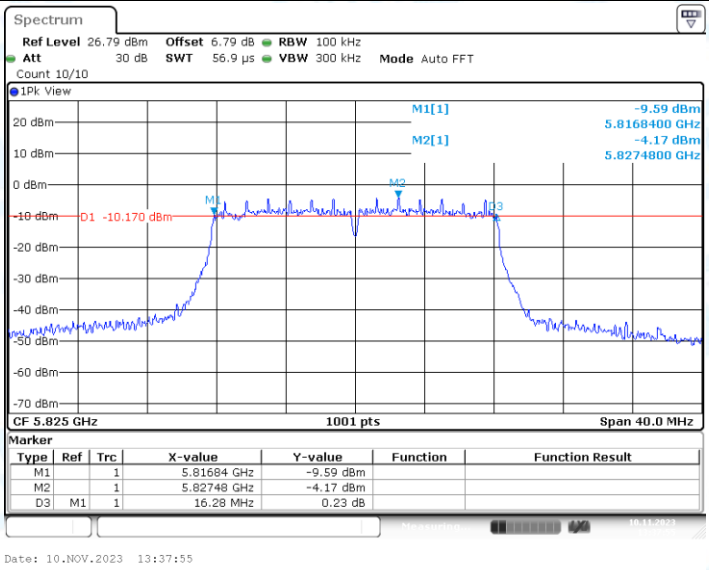
11A_Ant1_5785



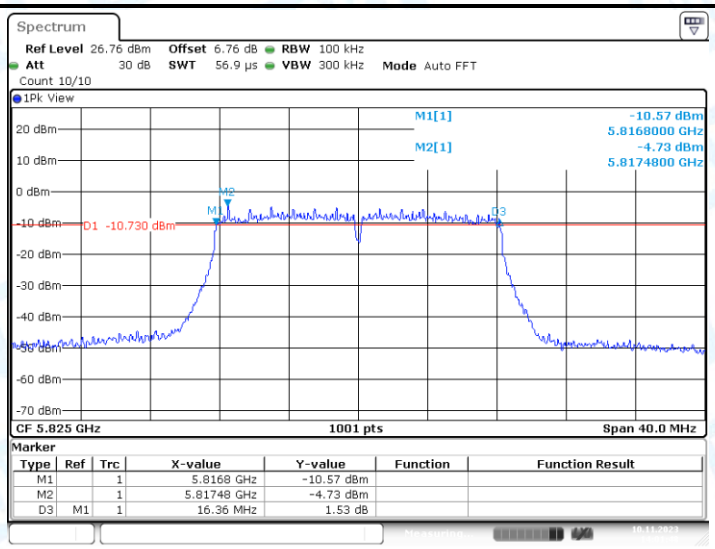
11A_Ant2_5785



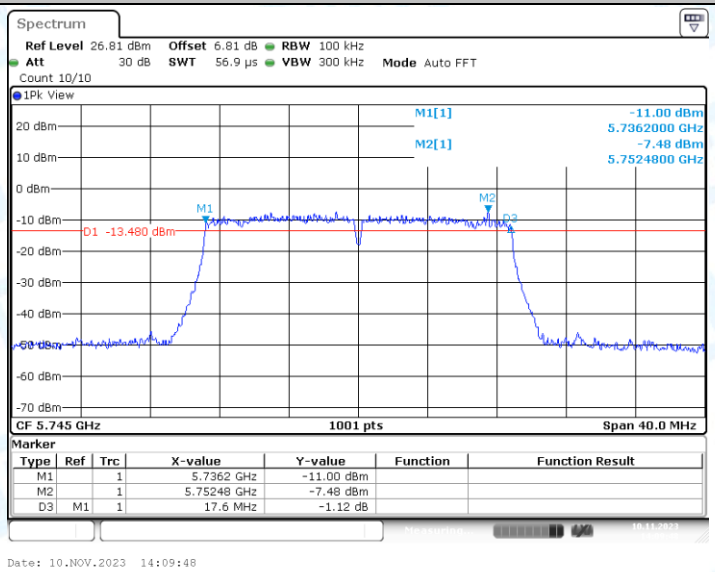
11A_Ant1_5825



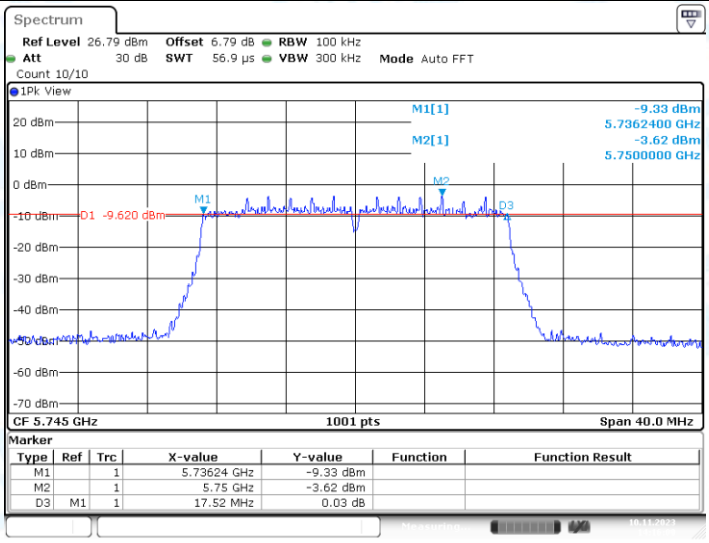
11A_Ant2_5825



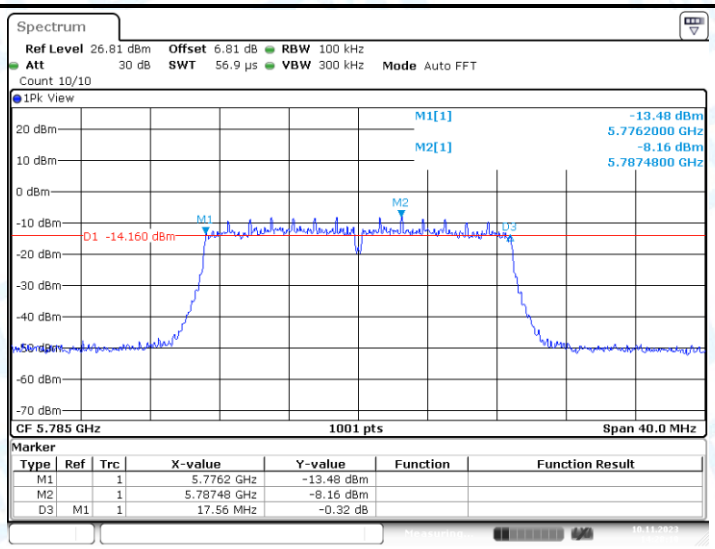
11N20MIMO_Ant1_5745



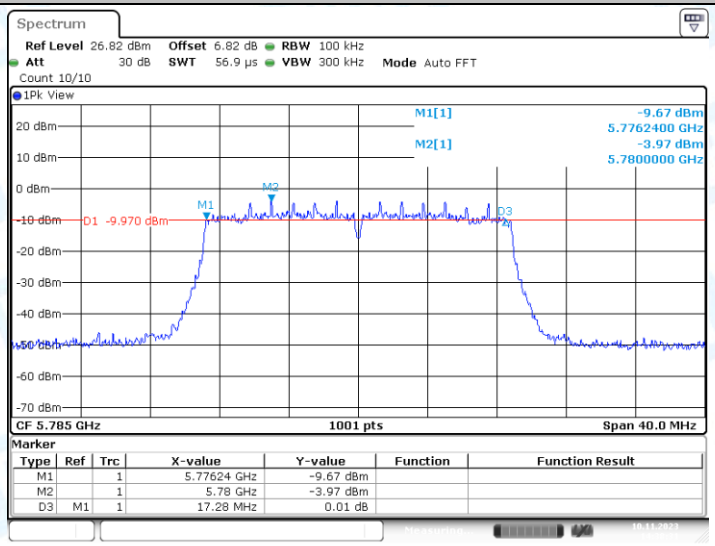
11N20MIMO_Ant2_5745



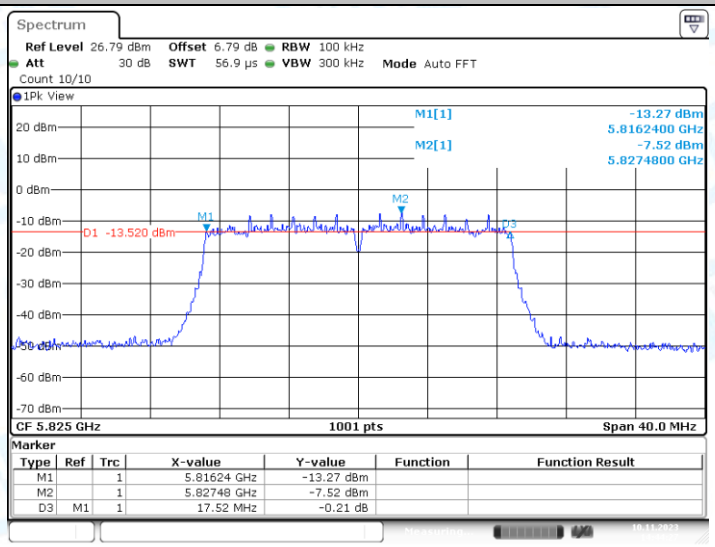
11N20MIMO_Ant1_5785



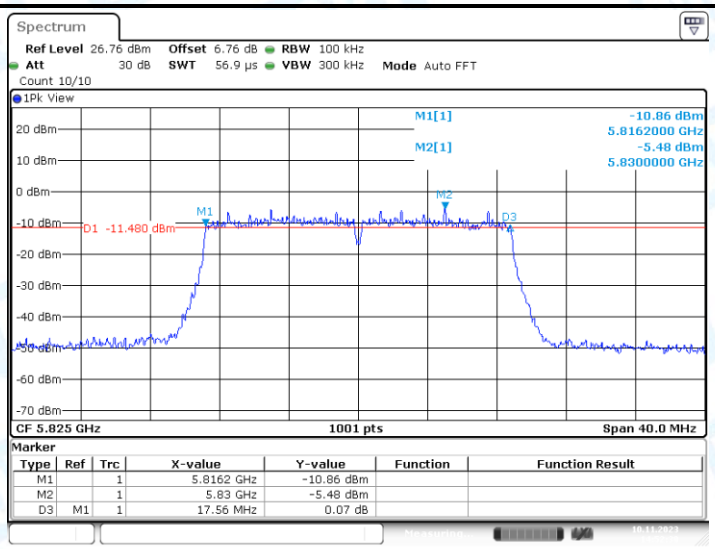
11N20MIMO_Ant2_5785



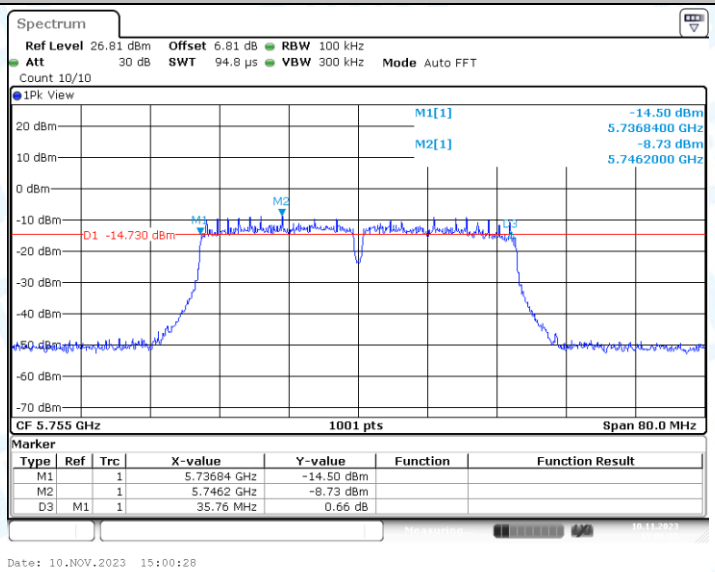
11N20MIMO_Ant1_5825



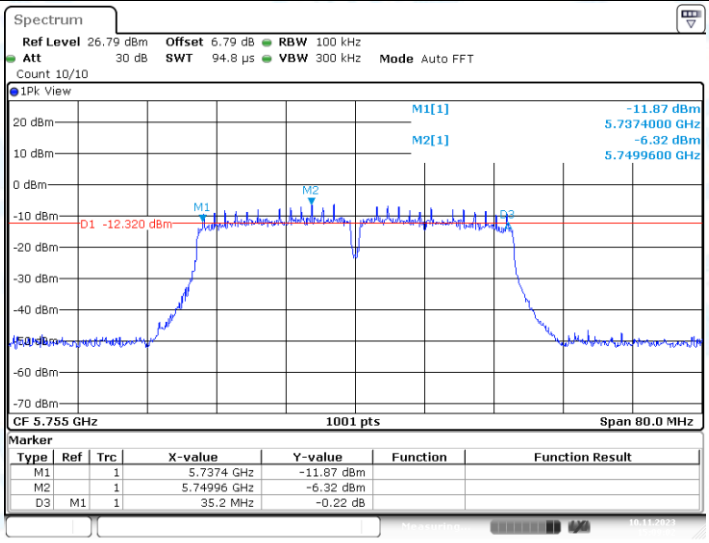
11N20MIMO_Ant2_5825



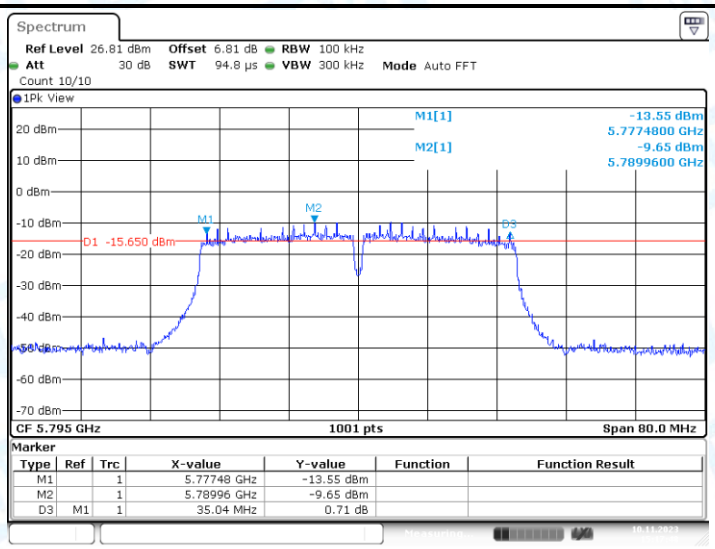
11N40MIMO_Ant1_5755



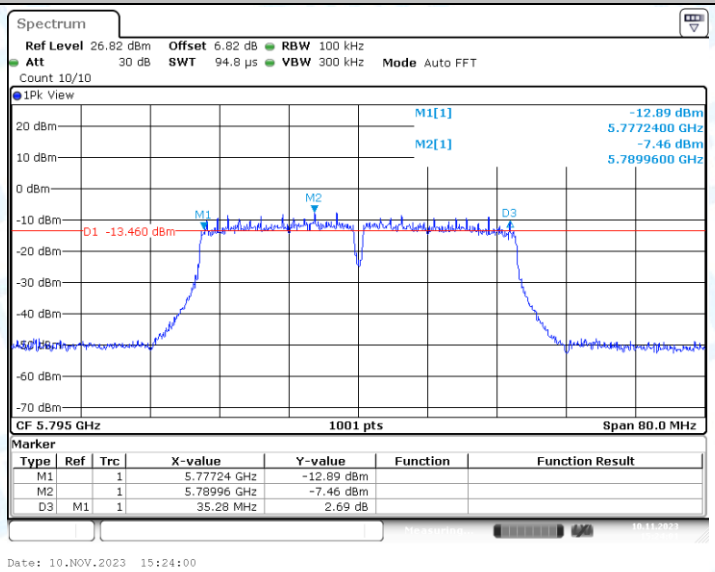
11N40MIMO_Ant2_5755



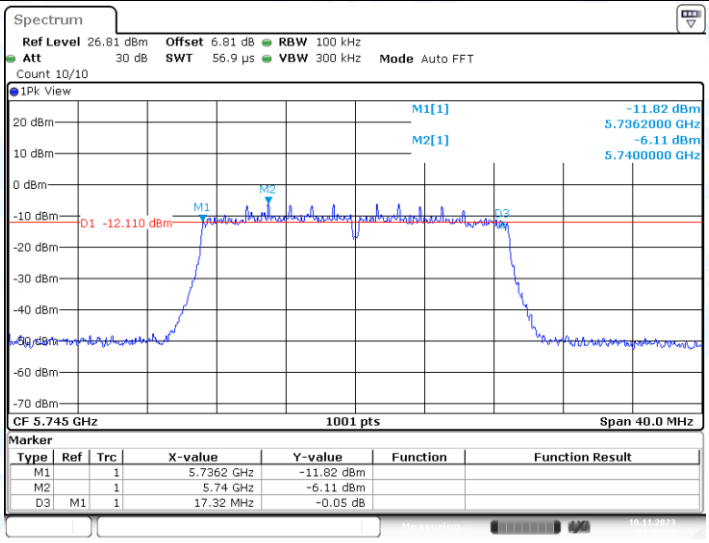
11N40MIMO_Ant1_5795



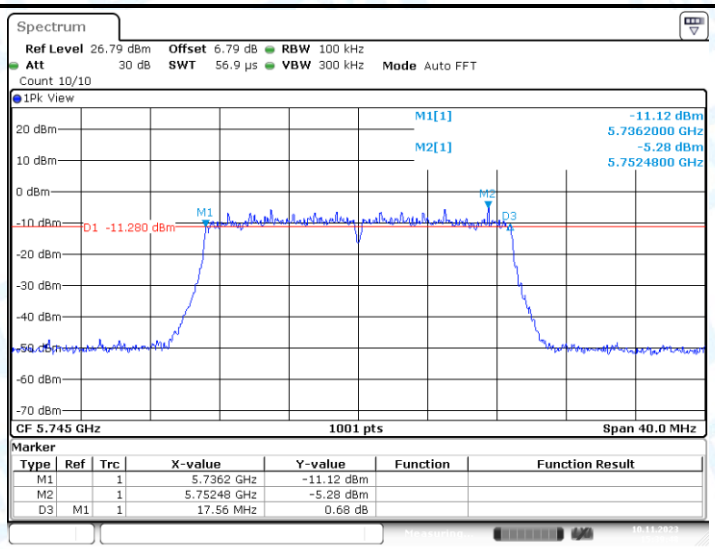
11N40MIMO_Ant2_5795



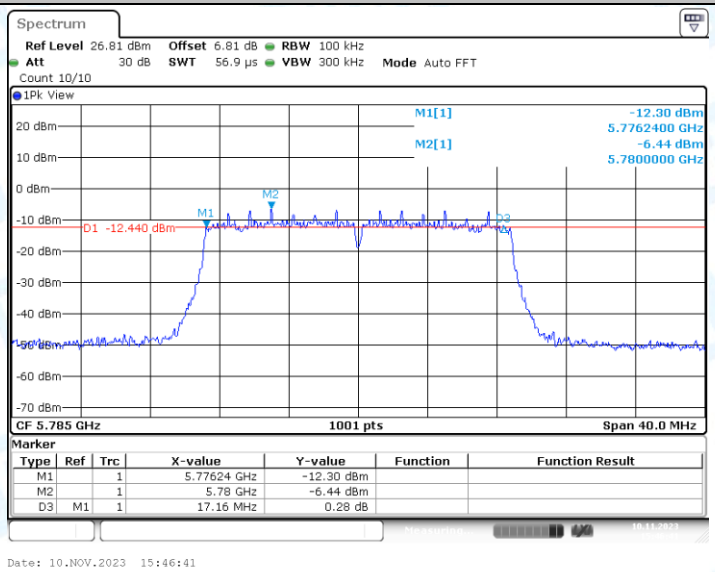
11AC20MIMO_Ant1_5745



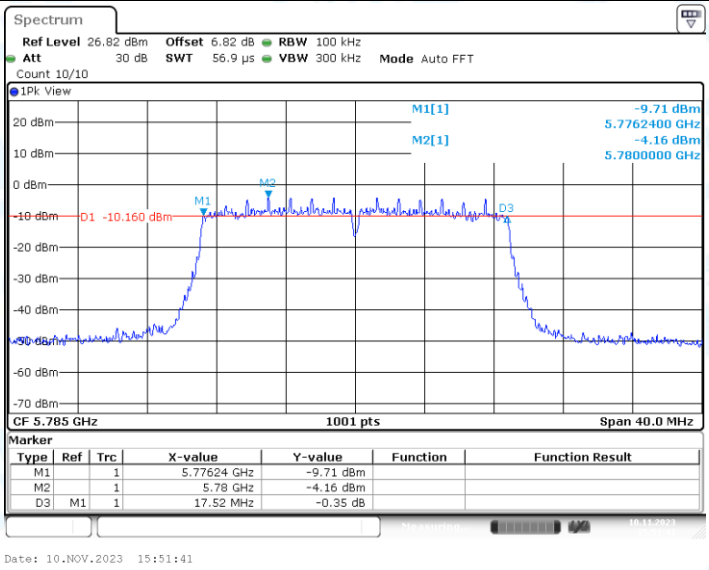
11AC20MIMO_Ant2_5745



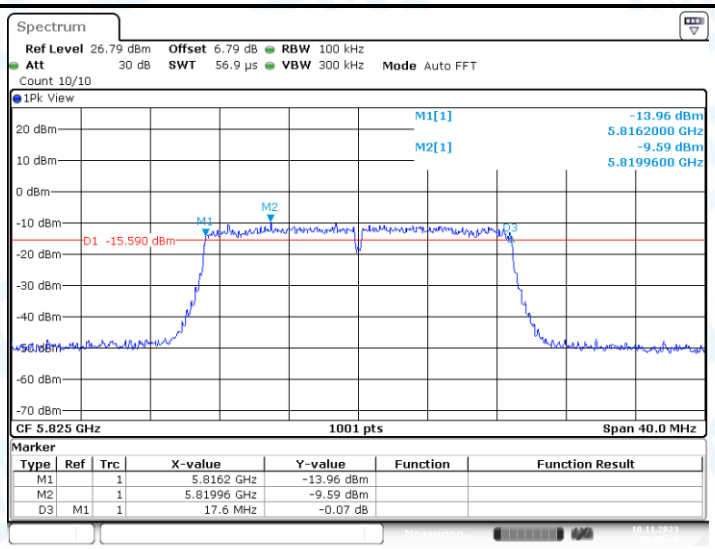
11AC20MIMO_Ant1_5785



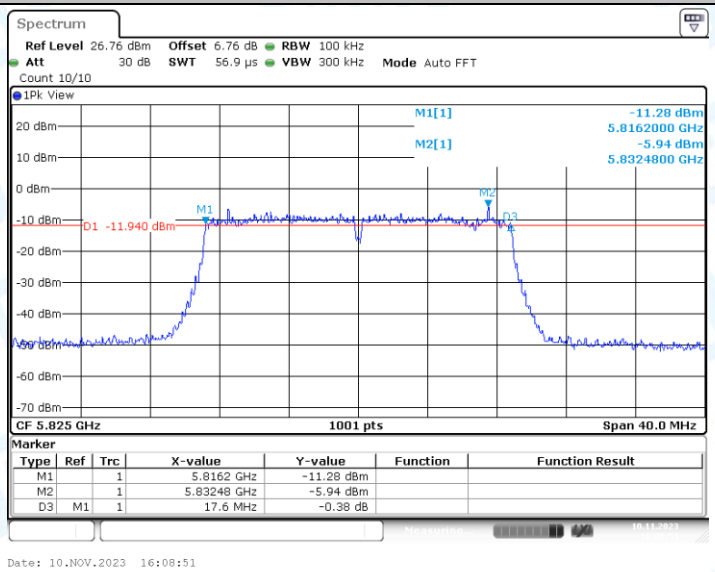
11AC20MIMO_Ant2_5785



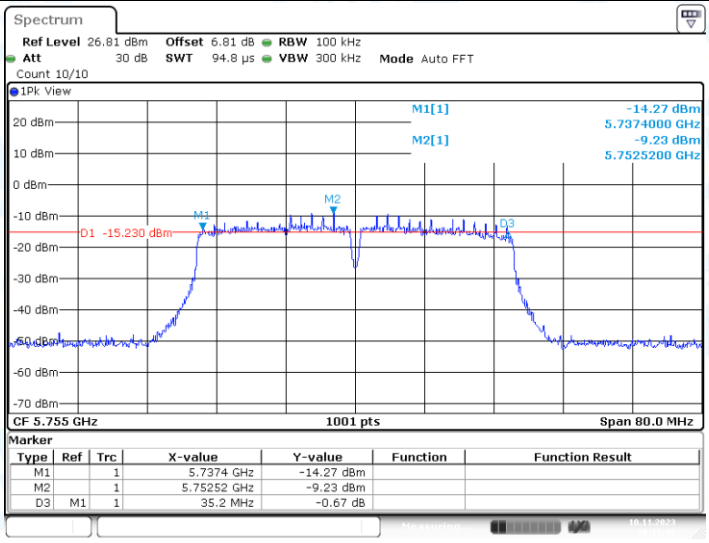
11AC20MIMO_Ant1_5825



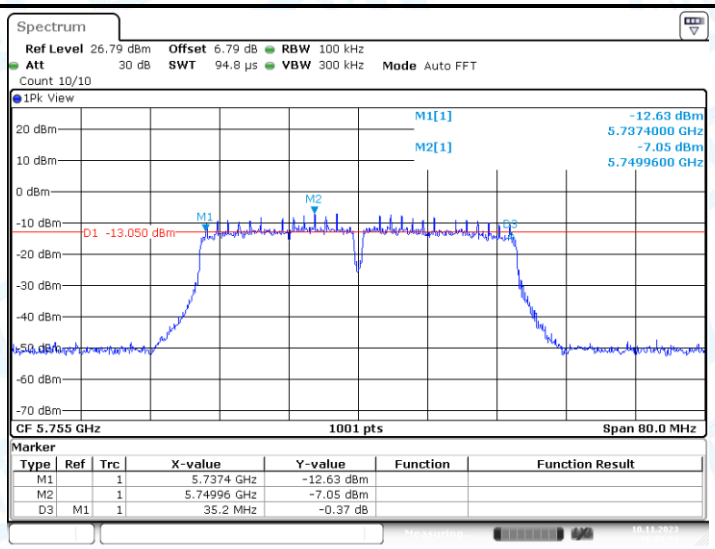
11AC20MIMO_Ant2_5825



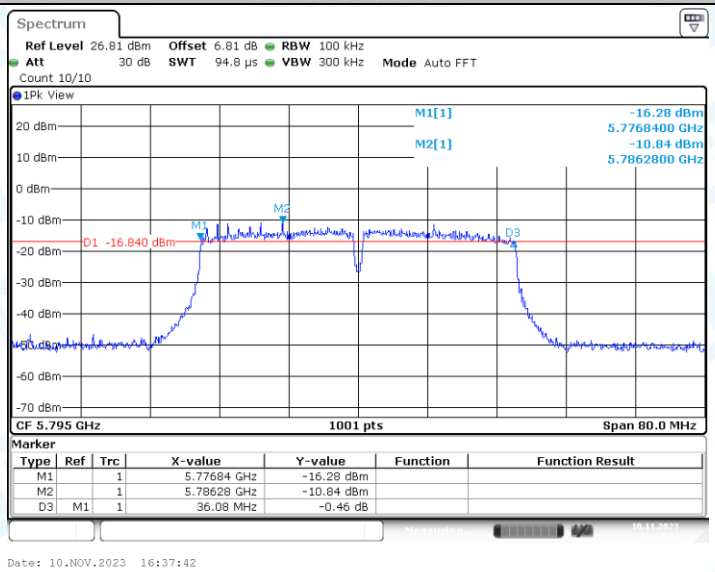
11AC40MIMO_Ant1_5755



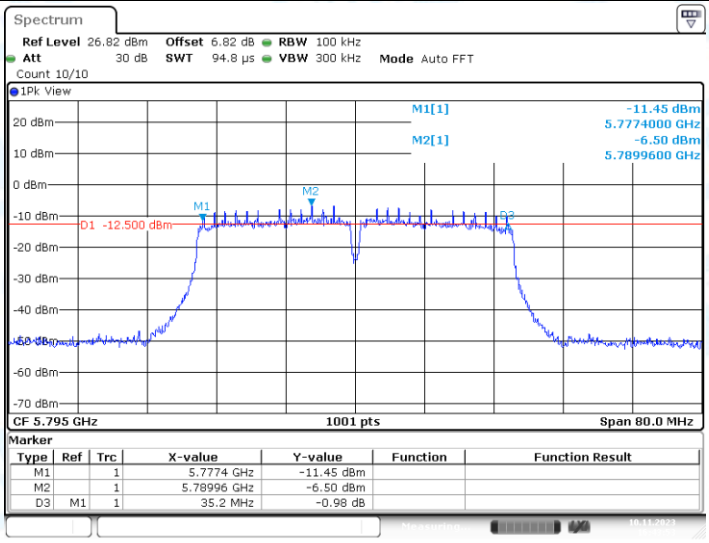
11AC40MIMO_Ant2_5755



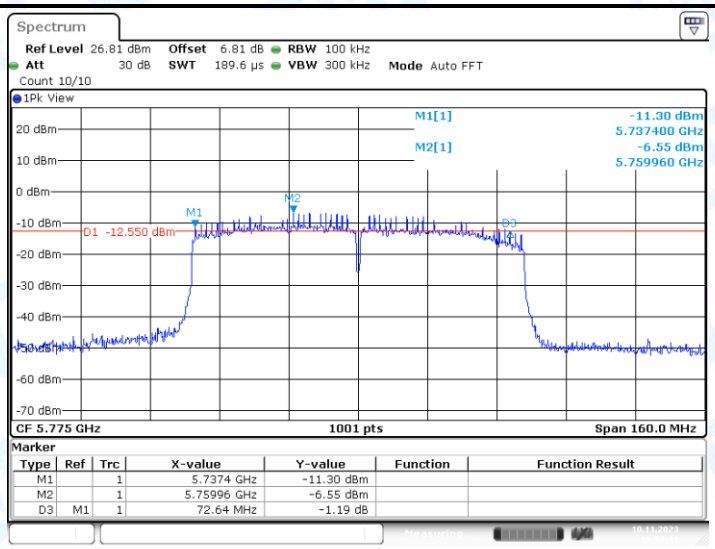
11AC40MIMO_Ant1_5795



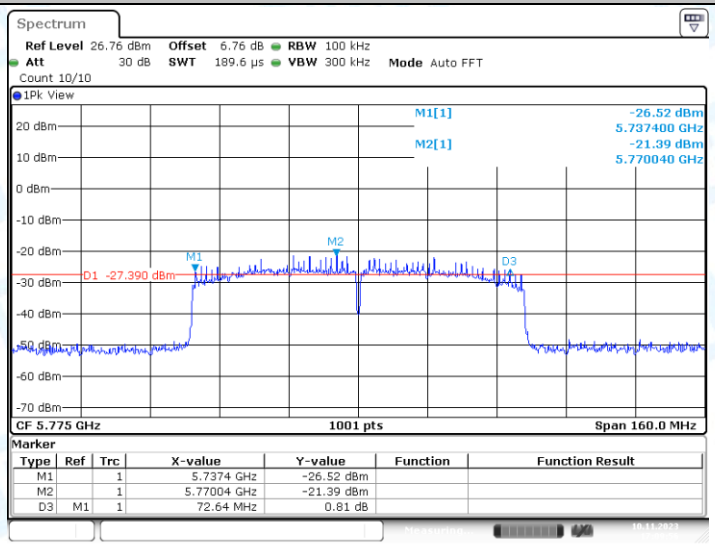
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



4. Maximum conducted output power

4.1.Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	6.50	≤23.98	PASS
	Ant2	5180	6.63	≤23.98	PASS
	Ant1	5200	6.61	≤23.98	PASS
	Ant2	5200	6.56	≤23.98	PASS
	Ant1	5240	6.22	≤23.98	PASS
	Ant2	5240	6.42	≤23.98	PASS
	Ant1	5745	6.56	≤30.00	PASS
	Ant2	5745	6.98	≤30.00	PASS
	Ant1	5785	6.57	≤30.00	PASS
	Ant2	5785	6.28	≤30.00	PASS
	Ant1	5825	6.71	≤30.00	PASS
	Ant2	5825	6.18	≤30.00	PASS
11N20MIMO	Ant1	5180	4.63	≤23.98	PASS
	Ant2	5180	6.38	≤23.98	PASS
	total	5180	8.60	≤23.98	PASS
	Ant1	5200	4.75	≤23.98	PASS
	Ant2	5200	6.61	≤23.98	PASS
	total	5200	8.79	≤23.98	PASS
	Ant1	5240	5.21	≤23.98	PASS
	Ant2	5240	6.20	≤23.98	PASS
	total	5240	8.74	≤23.98	PASS
	Ant1	5745	4.55	≤30.00	PASS
	Ant2	5745	6.76	≤30.00	PASS
	total	5745	8.80	≤30.00	PASS
	Ant1	5785	4.39	≤30.00	PASS
	Ant2	5785	6.11	≤30.00	PASS
	total	5785	8.34	≤30.00	PASS
	Ant1	5825	3.38	≤30.00	PASS
	Ant2	5825	6.03	≤30.00	PASS
	total	5825	7.91	≤30.00	PASS
11N40MIMO	Ant1	5190	4.25	≤23.98	PASS
	Ant2	5190	5.87	≤23.98	PASS
	total	5190	8.15	≤23.98	PASS
	Ant1	5230	4.06	≤23.98	PASS
	Ant2	5230	5.98	≤23.98	PASS
	total	5230	8.14	≤23.98	PASS
	Ant1	5755	4.12	≤30.00	PASS
	Ant2	5755	6.67	≤30.00	PASS
	total	5755	8.59	≤30.00	PASS
	Ant1	5795	3.97	≤30.00	PASS

	Ant2	5795	6.68	≤30.00	PASS
	total	5795	8.54	≤30.00	PASS
11AC20MIMO	Ant1	5180	4.86	≤23.98	PASS
	Ant2	5180	6.47	≤23.98	PASS
	total	5180	8.75	≤23.98	PASS
	Ant1	5200	4.95	≤23.98	PASS
	Ant2	5200	6.54	≤23.98	PASS
	total	5200	8.83	≤23.98	PASS
	Ant1	5240	4.78	≤23.98	PASS
	Ant2	5240	6.30	≤23.98	PASS
	total	5240	8.62	≤23.98	PASS
	Ant1	5745	4.31	≤30.00	PASS
	Ant2	5745	6.79	≤30.00	PASS
	total	5745	8.73	≤30.00	PASS
	Ant1	5785	4.27	≤30.00	PASS
	Ant2	5785	7.11	≤30.00	PASS
	total	5785	8.93	≤30.00	PASS
	Ant1	5825	3.44	≤30.00	PASS
	Ant2	5825	5.82	≤30.00	PASS
	total	5825	7.80	≤30.00	PASS
11AC40MIMO	Ant1	5190	4.24	≤23.98	PASS
	Ant2	5190	5.18	≤23.98	PASS
	total	5190	7.75	≤23.98	PASS
	Ant1	5230	5.03	≤23.98	PASS
	Ant2	5230	6.57	≤23.98	PASS
	total	5230	8.88	≤23.98	PASS
	Ant1	5755	4.24	≤30.00	PASS
	Ant2	5755	6.42	≤30.00	PASS
	total	5755	8.48	≤30.00	PASS
	Ant1	5795	3.68	≤30.00	PASS
	Ant2	5795	6.60	≤30.00	PASS
	total	5795	8.39	≤30.00	PASS
11AC80MIMO	Ant1	5210	3.28	≤23.98	PASS
	Ant2	5210	4.89	≤23.98	PASS
	total	5210	7.17	≤23.98	PASS
	Ant1	5775	4.38	≤30.00	PASS
	Ant2	5775	-2.69	≤30.00	PASS
	total	5775	5.16	≤30.00	PASS

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

5. Maximum power spectral density

5.1.Test Result

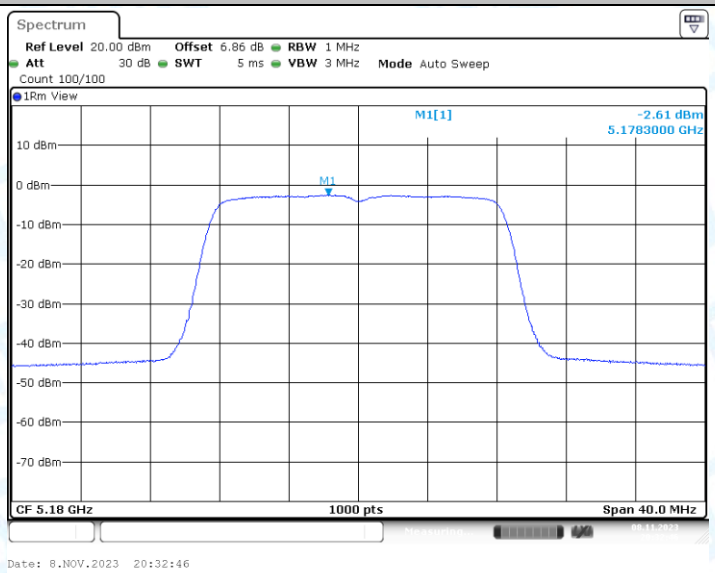
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.61	≤11.00	PASS
	Ant2	5180	-2.89	≤11.00	PASS
	Ant1	5200	-2.12	≤11.00	PASS
	Ant2	5200	-2.81	≤11.00	PASS
	Ant1	5240	-2.81	≤11.00	PASS
	Ant2	5240	-2.82	≤11.00	PASS
	Ant1	5745	-5.06	≤30.00	PASS
	Ant2	5745	-5.51	≤30.00	PASS
	Ant1	5785	-5.37	≤30.00	PASS
	Ant2	5785	-5.71	≤30.00	PASS
	Ant1	5825	-7.27	≤30.00	PASS
	Ant2	5825	-5.94	≤30.00	PASS
11N20MIMO	Ant1	5180	-7.03	≤11.00	PASS
	Ant2	5180	-5.31	≤11.00	PASS
	total	5180	-3.08	≤11.00	PASS
	Ant1	5200	-6.34	≤11.00	PASS
	Ant2	5200	-5.05	≤11.00	PASS
	total	5200	-2.64	≤11.00	PASS
	Ant1	5240	-6.45	≤11.00	PASS
	Ant2	5240	-5.64	≤11.00	PASS
	total	5240	-3.02	≤11.00	PASS
	Ant1	5745	-9.47	≤30.00	PASS
	Ant2	5745	-7.83	≤30.00	PASS
	total	5745	-5.56	≤30.00	PASS
	Ant1	5785	-9.79	≤30.00	PASS
	Ant2	5785	-6.96	≤30.00	PASS
	total	5785	-5.14	≤30.00	PASS
	Ant1	5825	-11.09	≤30.00	PASS
	Ant2	5825	-7.96	≤30.00	PASS
	total	5825	-6.24	≤30.00	PASS
11N40MIMO	Ant1	5190	-9.86	≤11.00	PASS
	Ant2	5190	-8.58	≤11.00	PASS
	total	5190	-6.16	≤11.00	PASS
	Ant1	5230	-10.20	≤11.00	PASS
	Ant2	5230	-8.49	≤11.00	PASS
	total	5230	-6.25	≤11.00	PASS
	Ant1	5755	-12.47	≤30.00	PASS
	Ant2	5755	-10.66	≤30.00	PASS
	total	5755	-8.46	≤30.00	PASS
	Ant1	5795	-12.88	≤30.00	PASS

	Ant2	5795	-10.28	≤30.00	PASS
	total	5795	-8.38	≤30.00	PASS
11AC20MIMO	Ant1	5180	-6.80	≤11.00	PASS
	Ant2	5180	-4.67	≤11.00	PASS
	total	5180	-2.60	≤11.00	PASS
	Ant1	5200	-6.21	≤11.00	PASS
	Ant2	5200	-5.26	≤11.00	PASS
	total	5200	-2.70	≤11.00	PASS
	Ant1	5240	-6.78	≤11.00	PASS
	Ant2	5240	-5.24	≤11.00	PASS
	total	5240	-2.93	≤11.00	PASS
	Ant1	5745	-9.43	≤30.00	PASS
	Ant2	5745	-7.95	≤30.00	PASS
	total	5745	-5.62	≤30.00	PASS
	Ant1	5785	-9.85	≤30.00	PASS
	Ant2	5785	-6.89	≤30.00	PASS
	total	5785	-5.11	≤30.00	PASS
	Ant1	5825	-10.93	≤30.00	PASS
	Ant2	5825	-8.24	≤30.00	PASS
	total	5825	-6.37	≤30.00	PASS
11AC40MIMO	Ant1	5190	-10.06	≤11.00	PASS
	Ant2	5190	-8.74	≤11.00	PASS
	total	5190	-6.34	≤11.00	PASS
	Ant1	5230	-9.29	≤11.00	PASS
	Ant2	5230	-7.88	≤11.00	PASS
	total	5230	-5.52	≤11.00	PASS
	Ant1	5755	-12.47	≤30.00	PASS
	Ant2	5755	-10.96	≤30.00	PASS
	total	5755	-8.64	≤30.00	PASS
	Ant1	5795	-13.11	≤30.00	PASS
	Ant2	5795	-10.28	≤30.00	PASS
	total	5795	-8.46	≤30.00	PASS
11AC80MIMO	Ant1	5210	-14.02	≤11.00	PASS
	Ant2	5210	-12.76	≤11.00	PASS
	total	5210	-10.33	≤11.00	PASS
	Ant1	5775	-15.02	≤30.00	PASS
	Ant2	5775	-22.88	≤30.00	PASS
	total	5775	-14.36	≤30.00	PASS

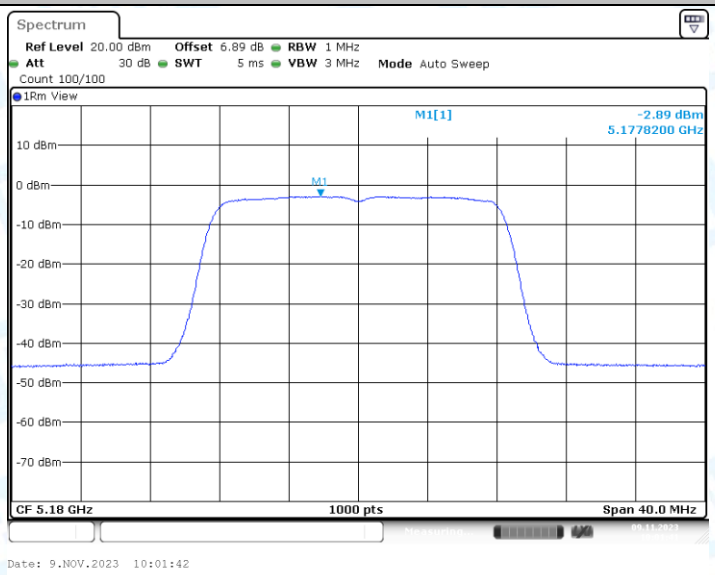
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

5.2.Test Graphs

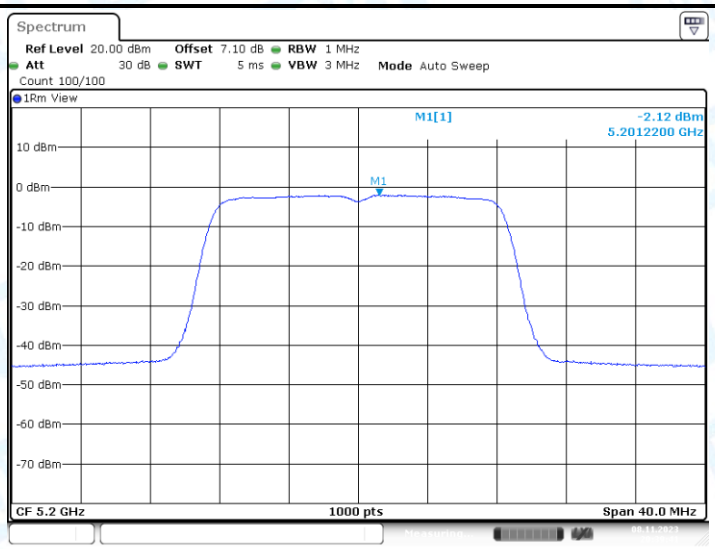
11A_Ant1_5180



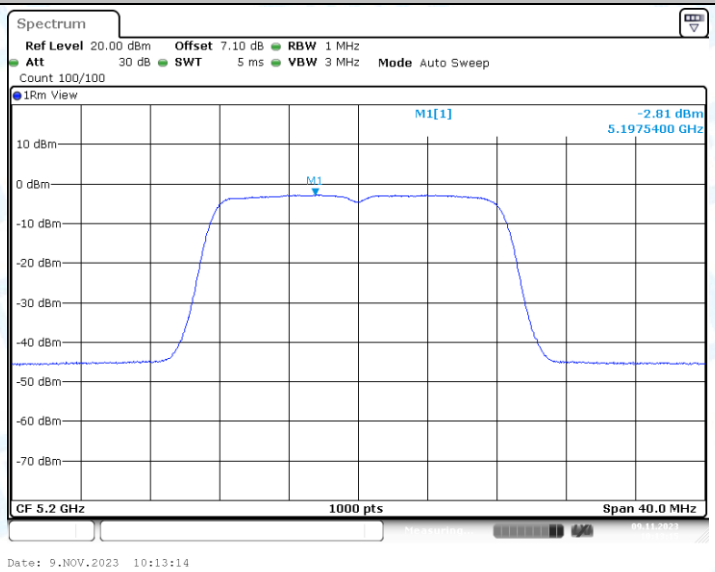
11A_Ant2_5180



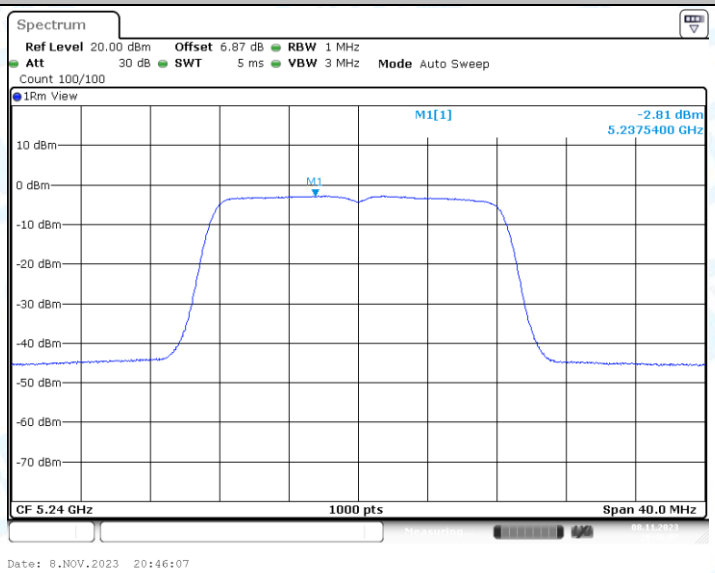
11A_Ant1_5200



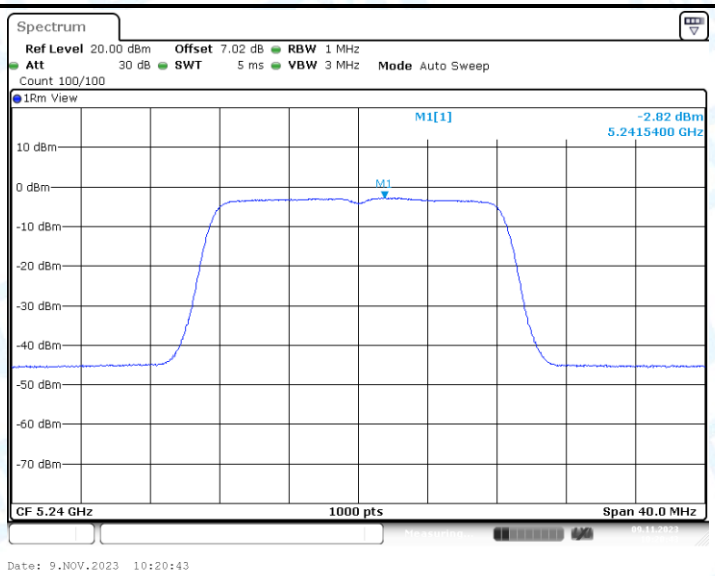
11A_Ant2_5200



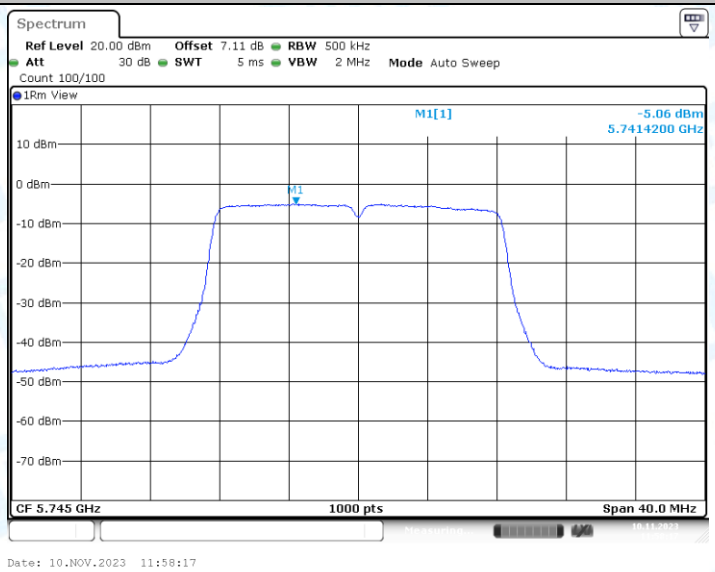
11A_Ant1_5240



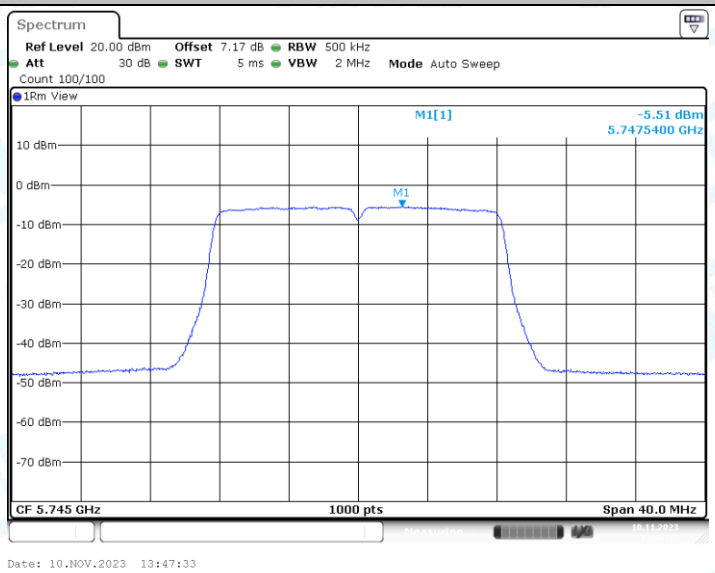
11A_Ant2_5240



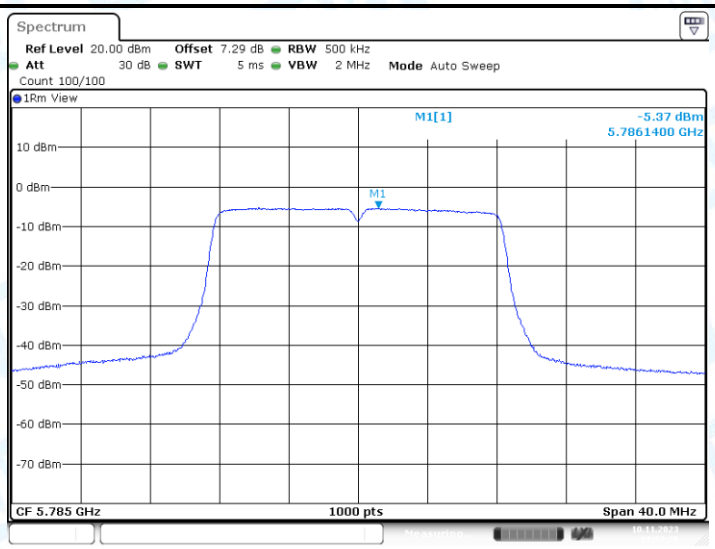
11A_Ant1_5745



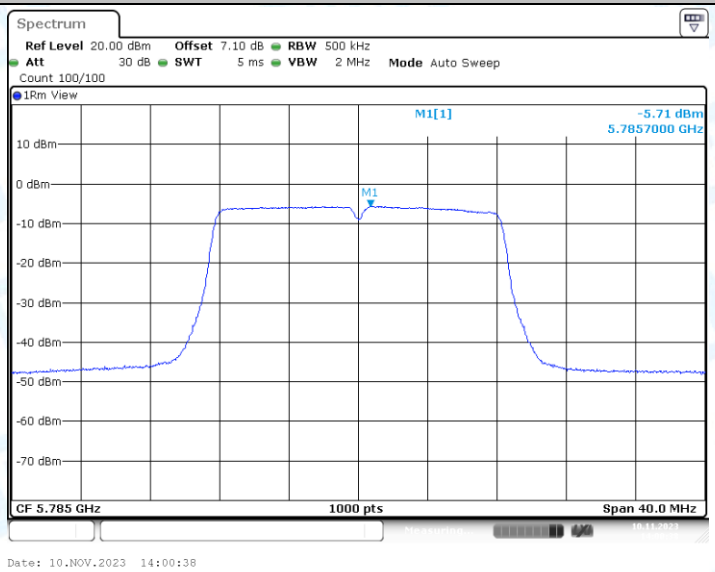
11A_Ant2_5745



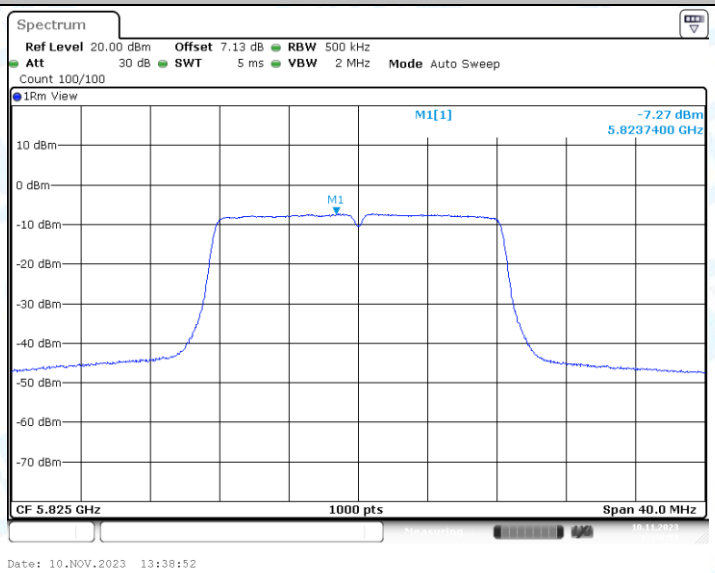
11A_Ant1_5785



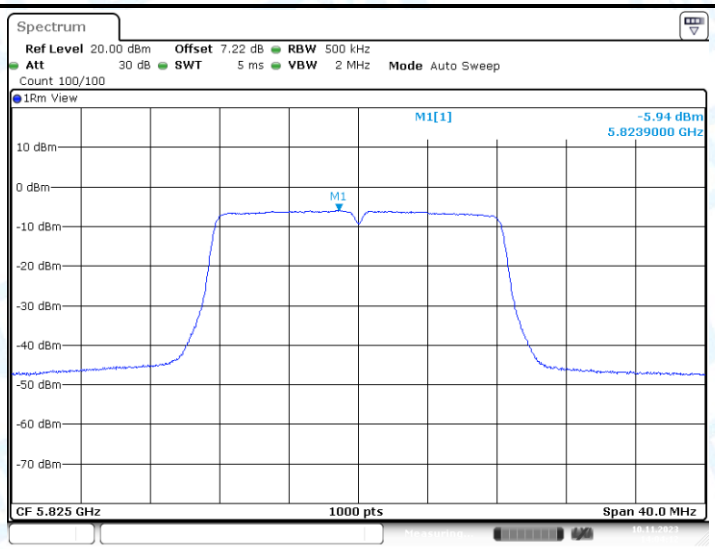
11A_Ant2_5785



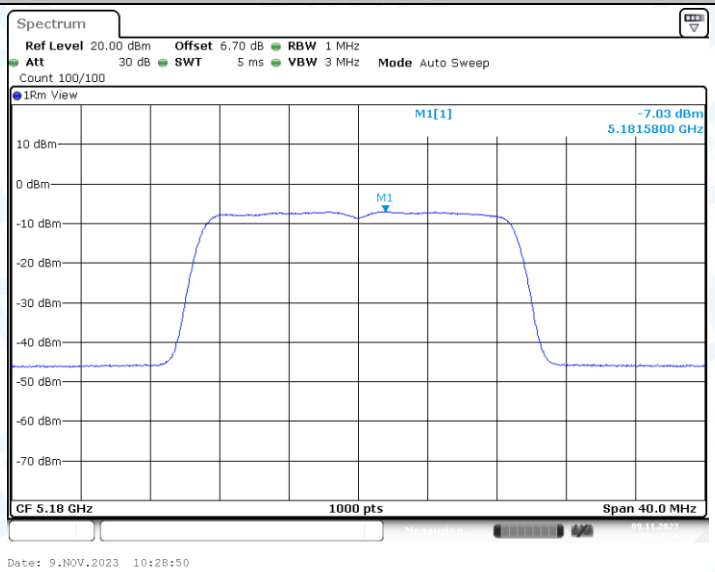
11A_Ant1_5825



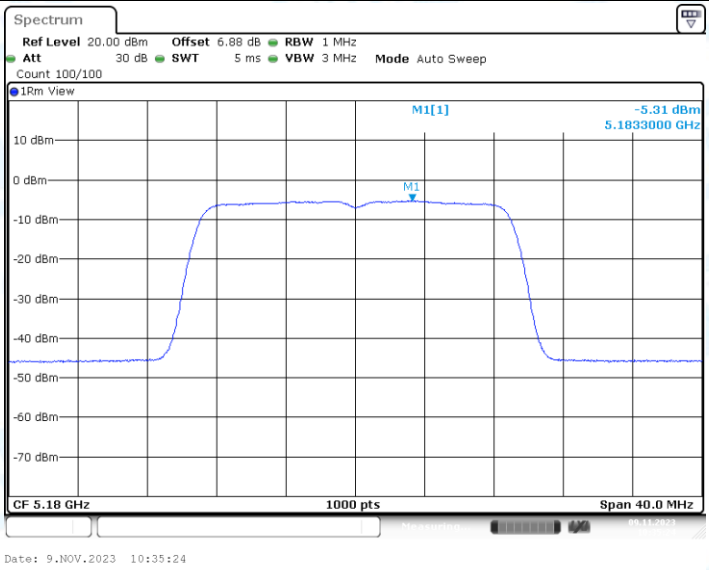
11A_Ant2_5825



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200