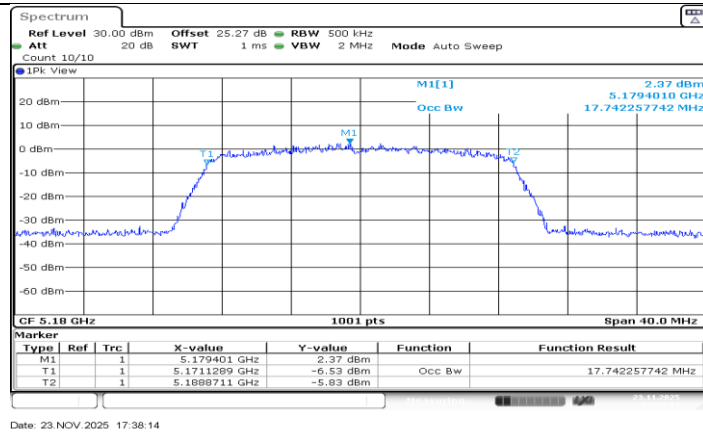
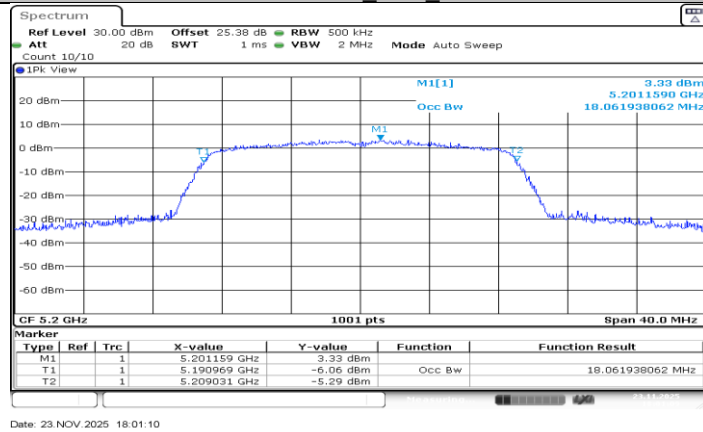
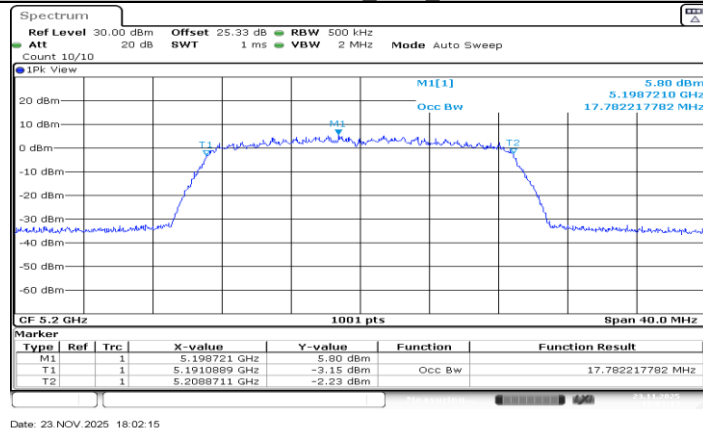




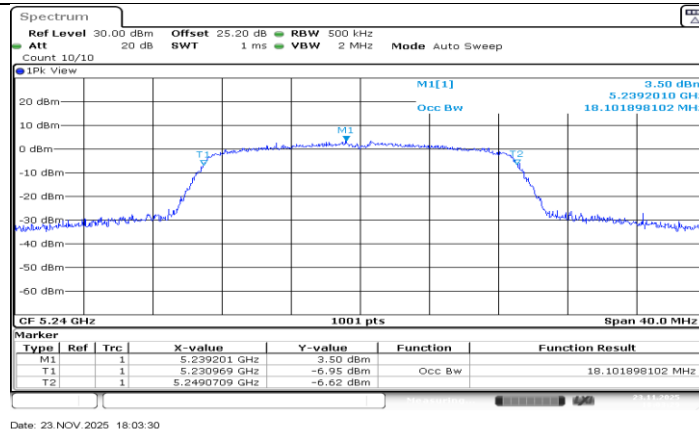
11N20MIMO Ant2_5180



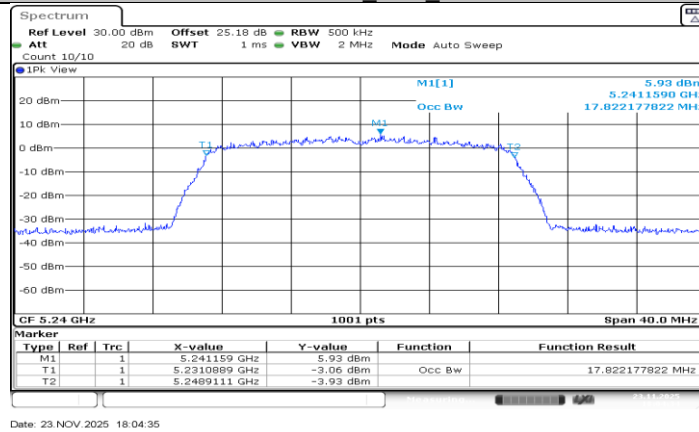
11N20MIMO Ant1_5200



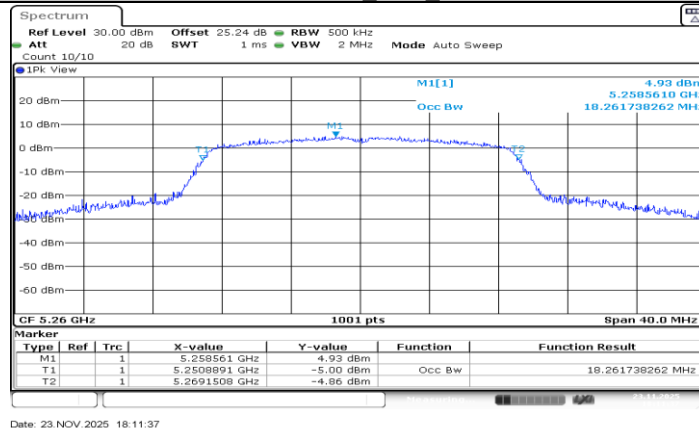
11N20MIMO Ant2_5200



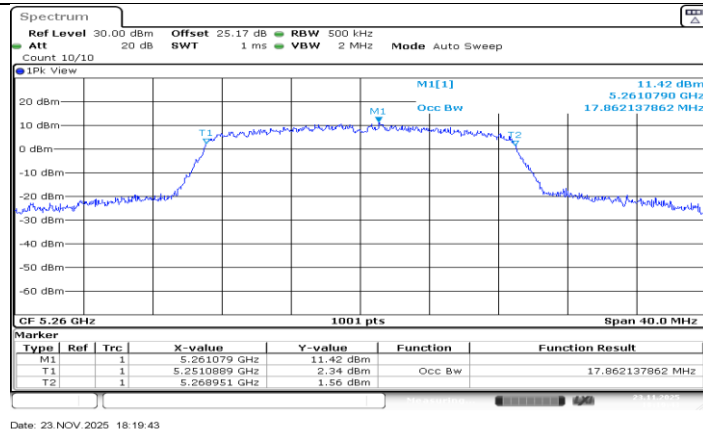
11N20MIMO Ant1 5240



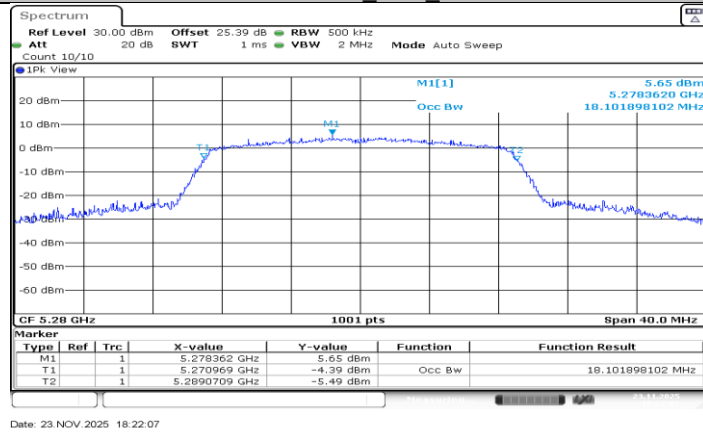
11N20MIMO Ant2 5240



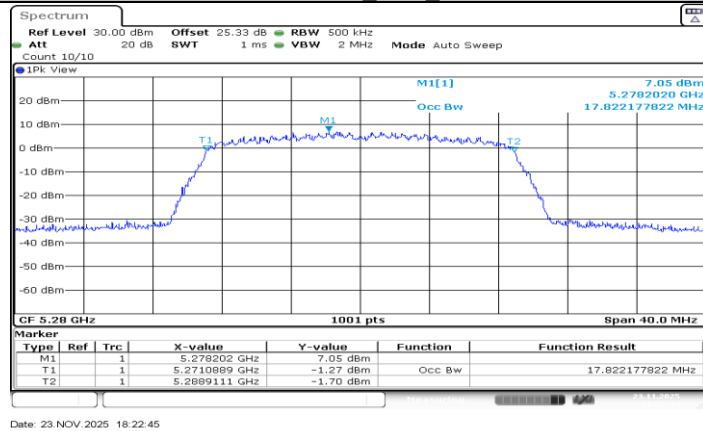
11N20MIMO Ant1 5260



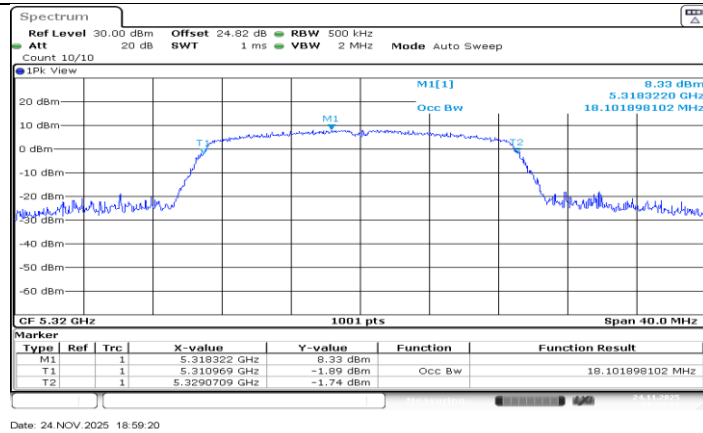
11N20MIMO Ant2_5260



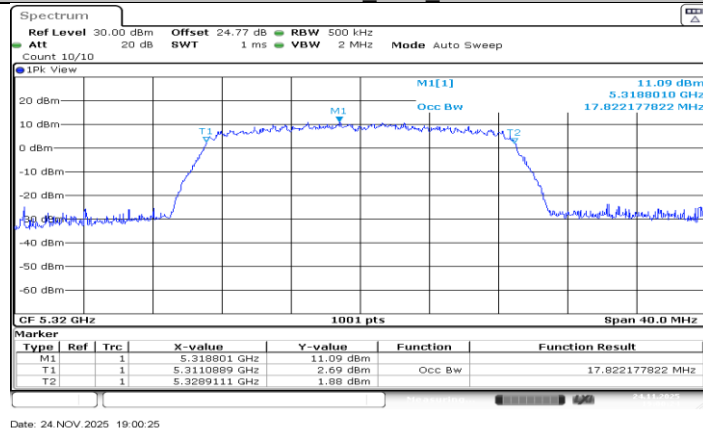
11N20MIMO Ant1_5280



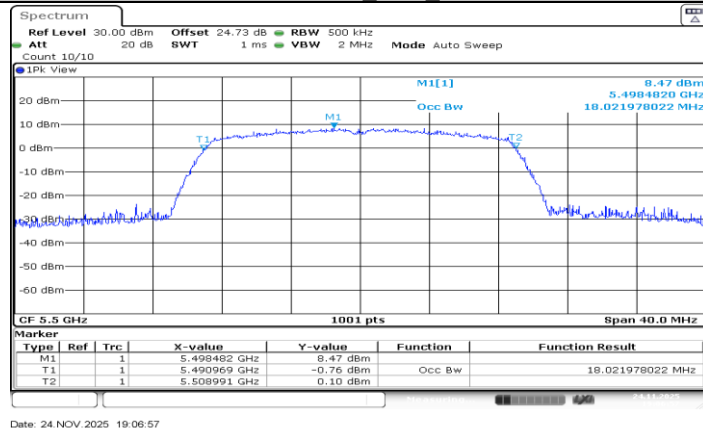
11N20MIMO Ant2_5280



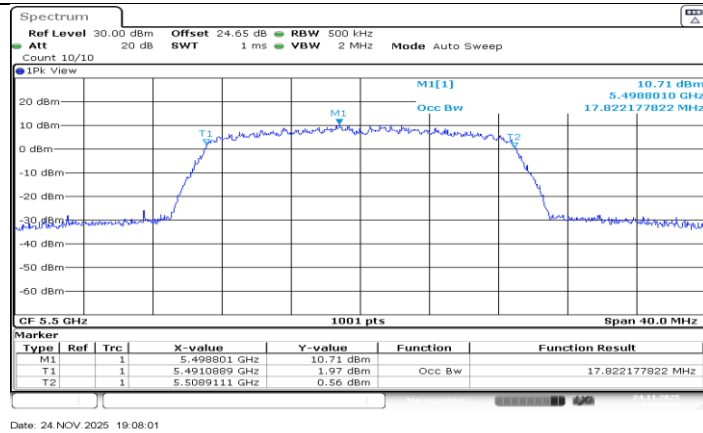
11N20MIMO Ant1_5320



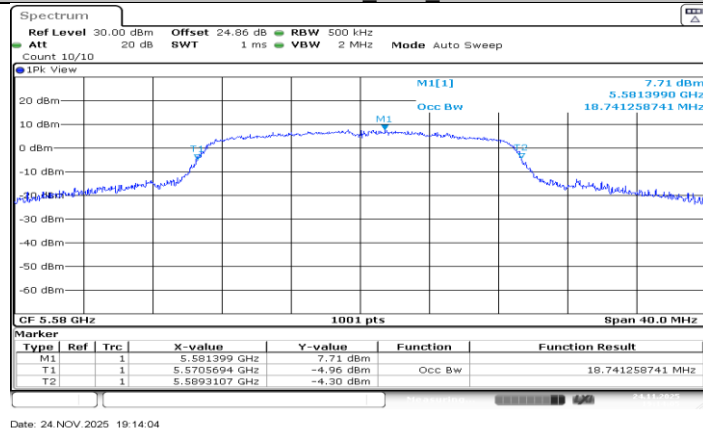
11N20MIMO Ant2_5320



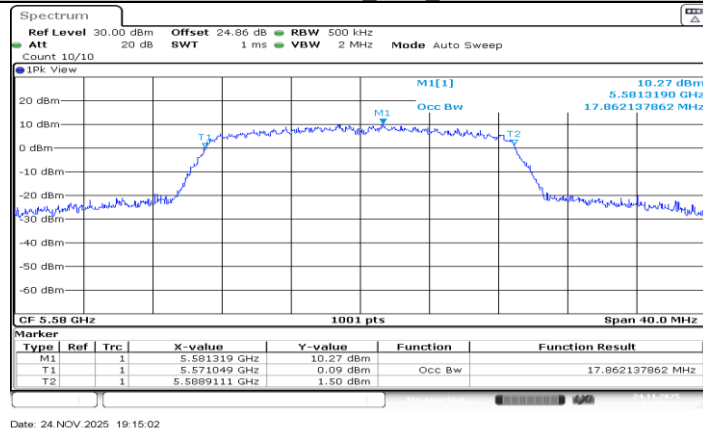
11N20MIMO Ant1_5500



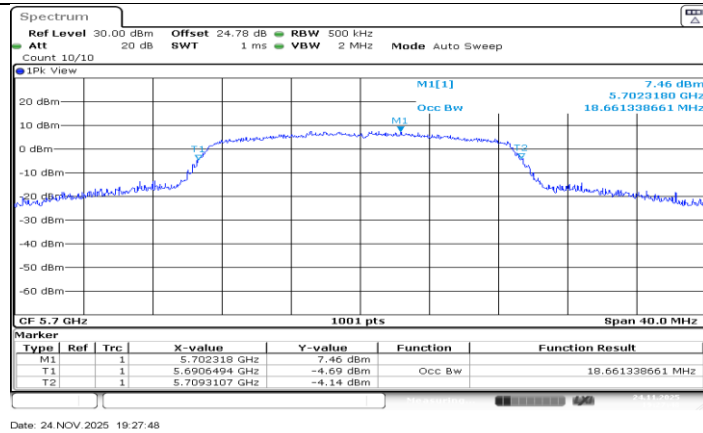
11N20MIMO_Ant2_5500



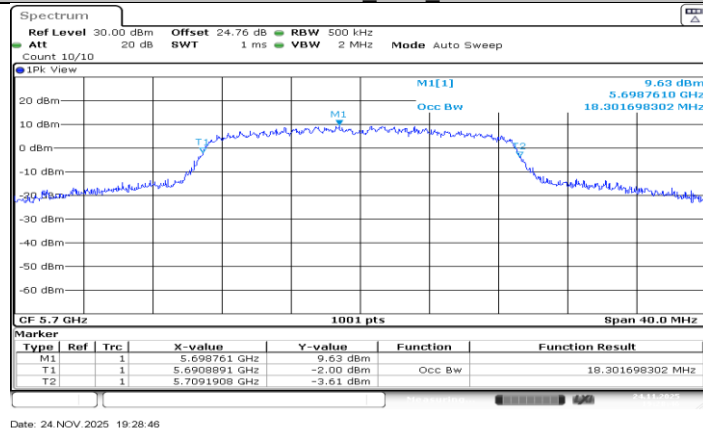
11N20MIMO_Ant1_5580



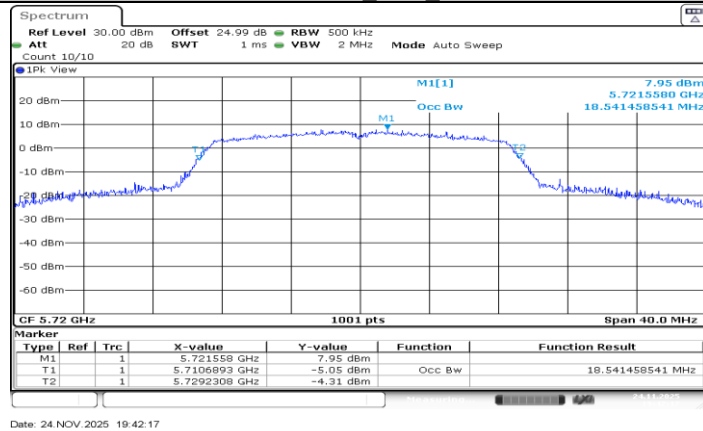
11N20MIMO_Ant2_5580



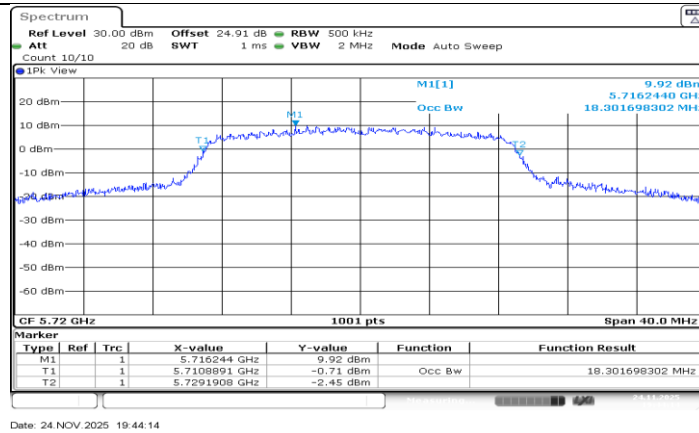
11N20MIMO Ant1 5700



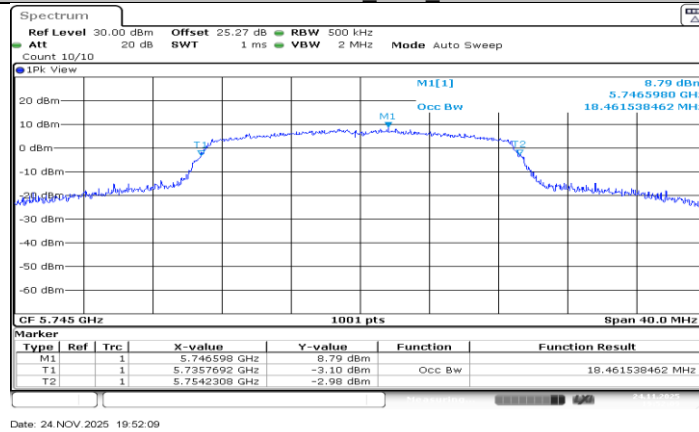
11N20MIMO Ant2 5700



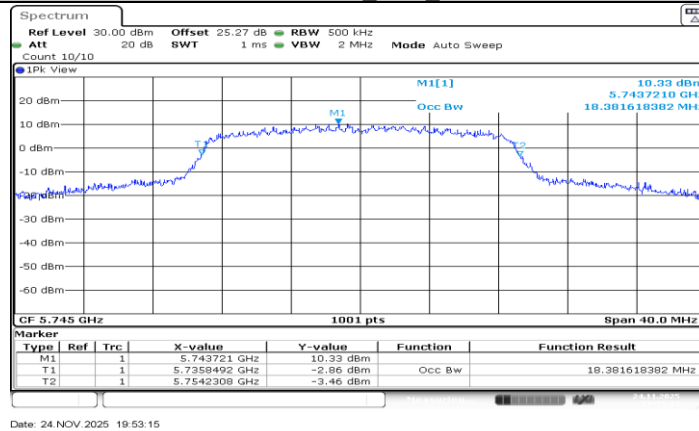
11N20MIMO Ant1 5720



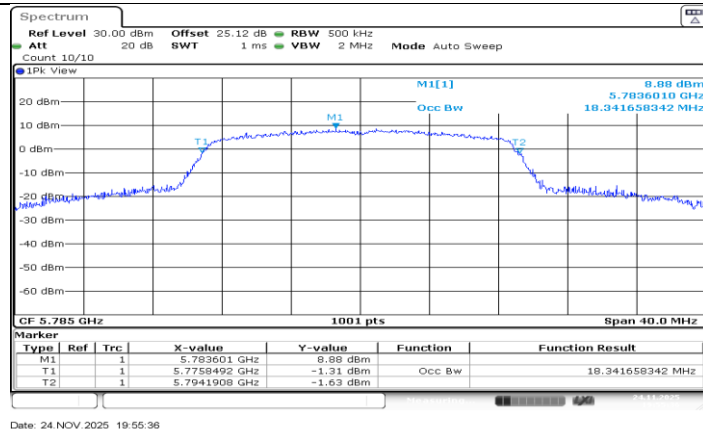
11N20MIMO_Ant2_5720



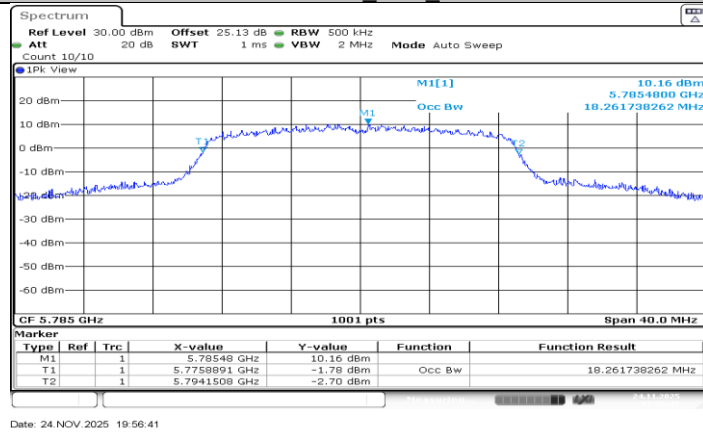
11N20MIMO_Ant1_5745



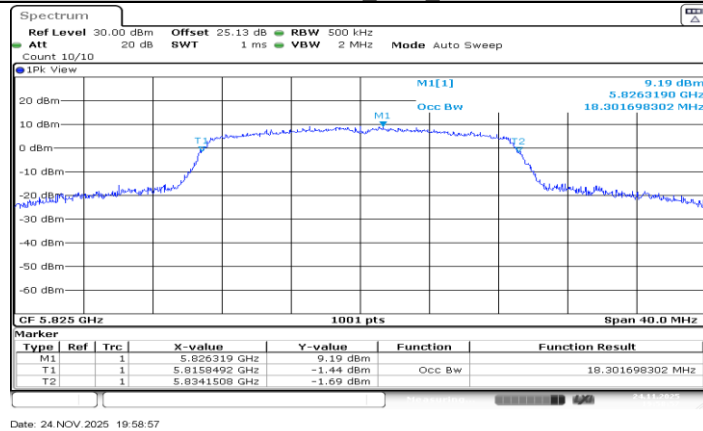
11N20MIMO_Ant2_5745



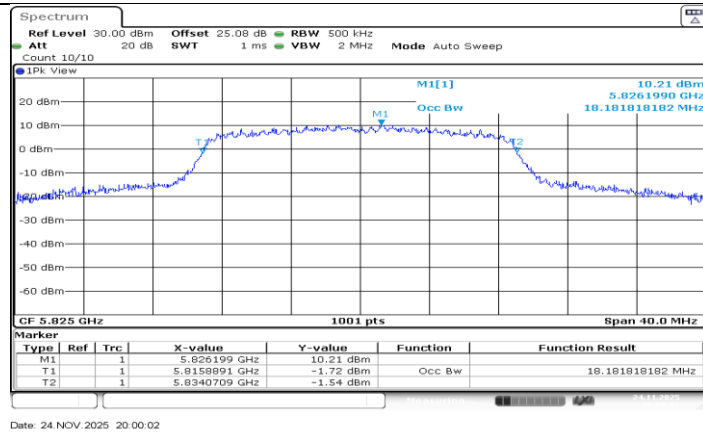
11N20MIMO Ant1 5785



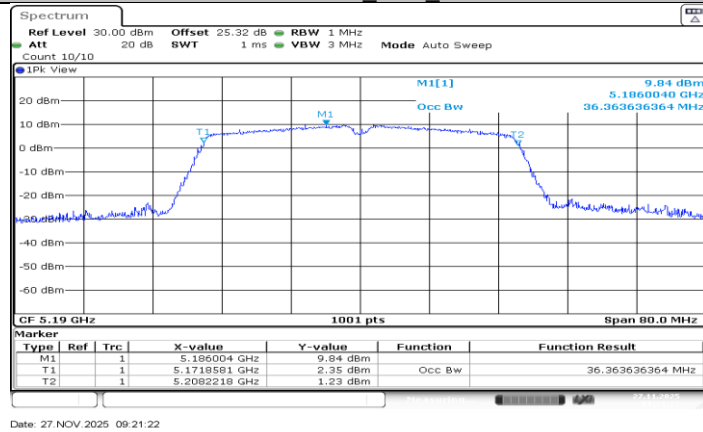
11N20MIMO Ant2 5785



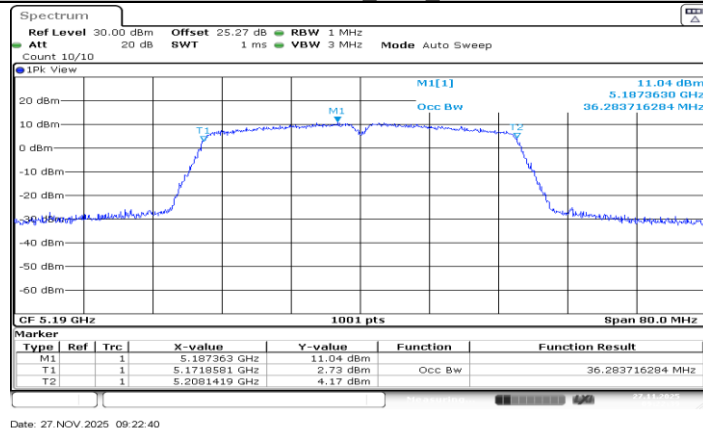
11N20MIMO Ant1 5825



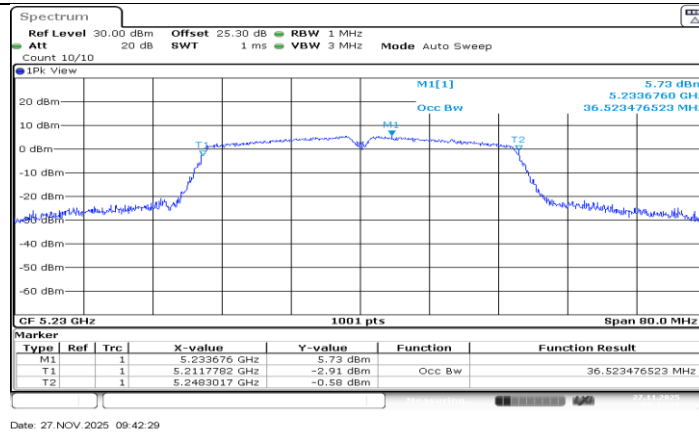
11N20MIMO Ant2_5825



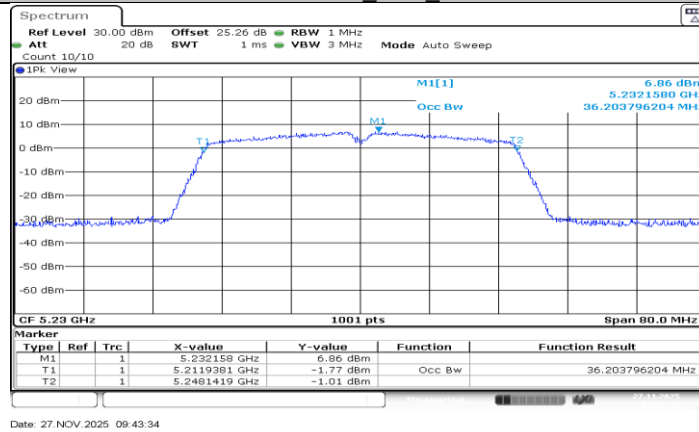
11N40MIMO Ant1_5190



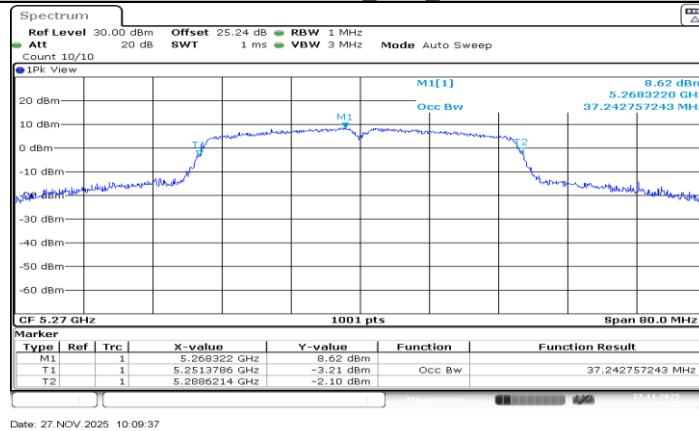
11N40MIMO Ant2_5190



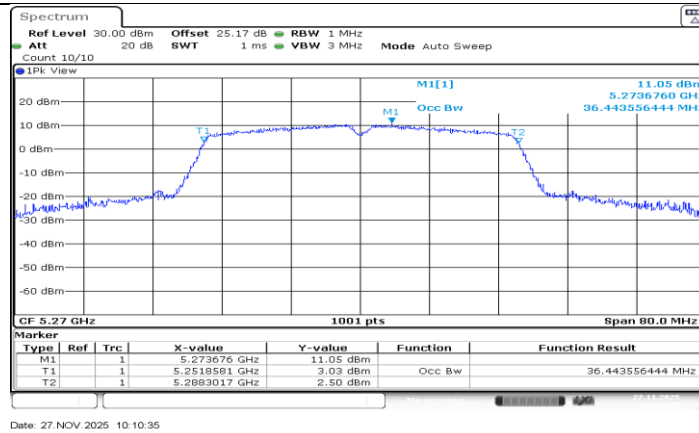
11N40MIMO Ant1 5230



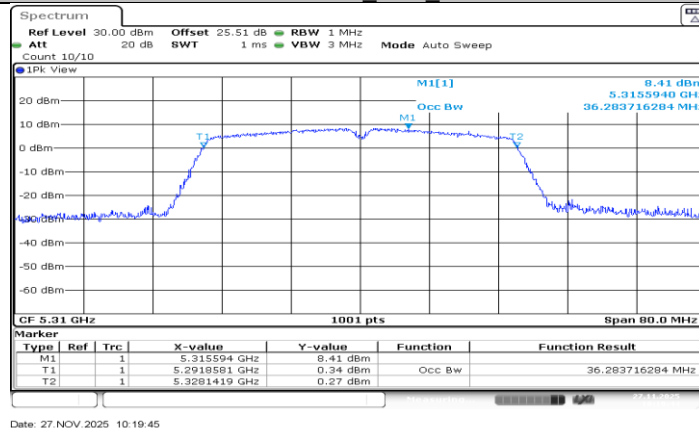
11N40MIMO Ant2 5230



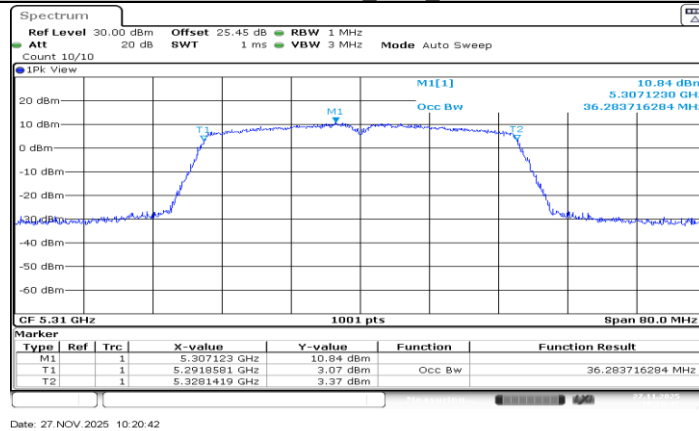
11N40MIMO Ant1 5270



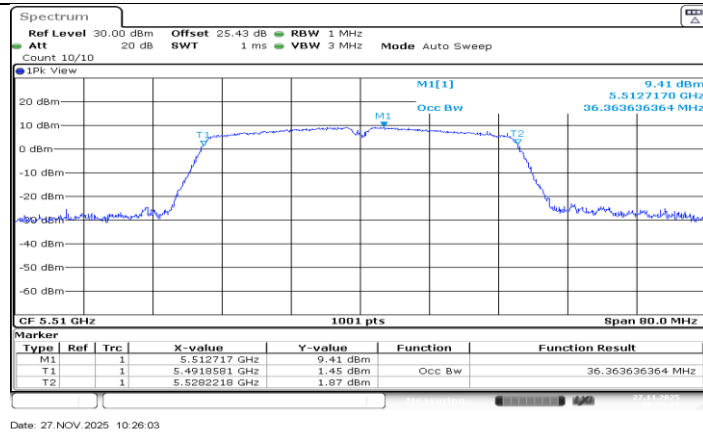
11N40MIMO Ant2_5270



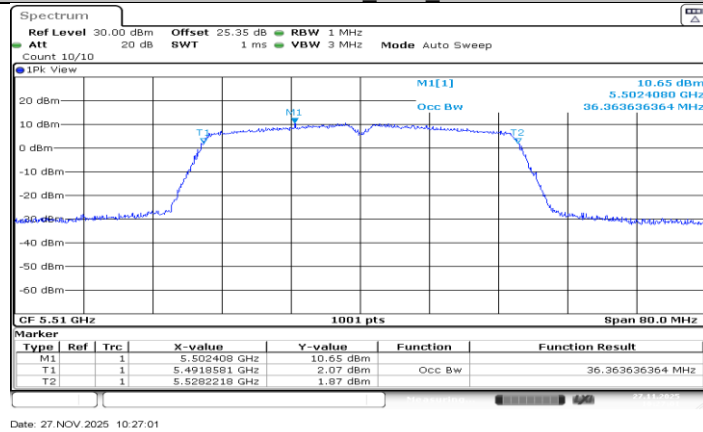
11N40MIMO Ant1_5310



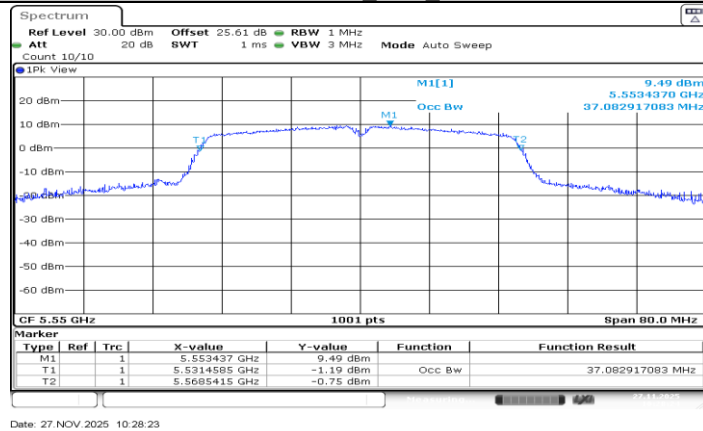
11N40MIMO Ant2_5310



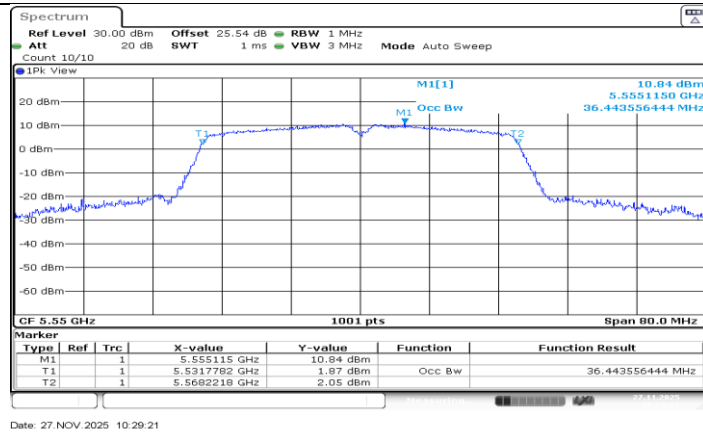
11N40MIMO Ant1 5510



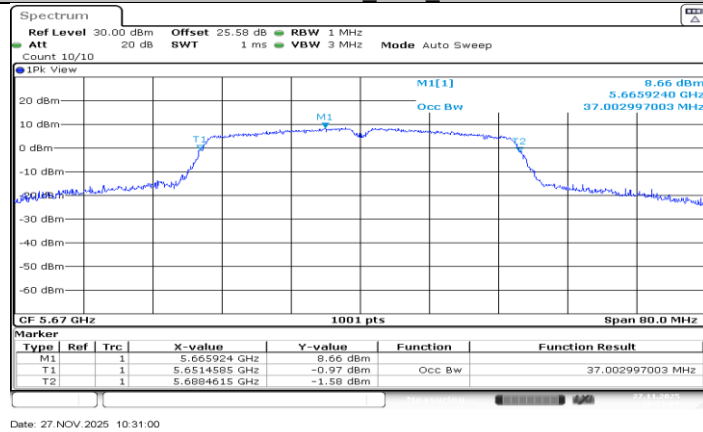
11N40MIMO Ant2 5510



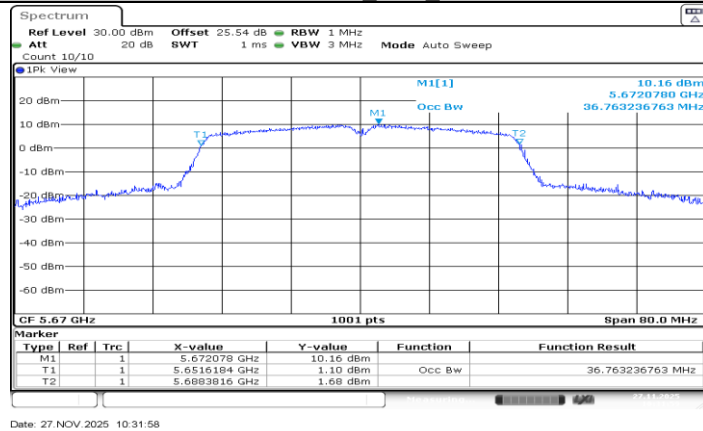
11N40MIMO Ant1 5550



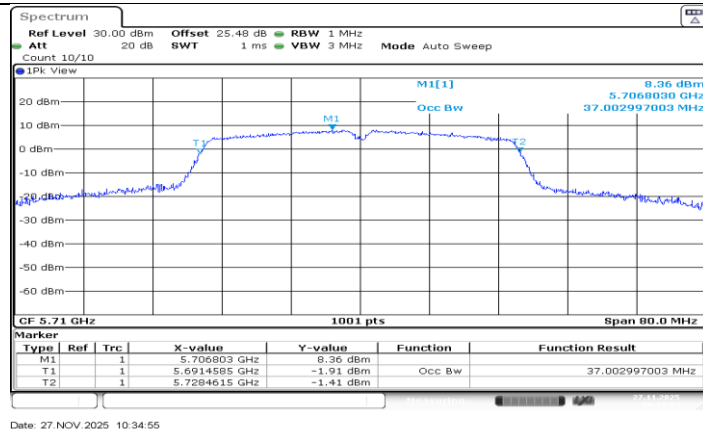
11N40MIMO Ant2_5550



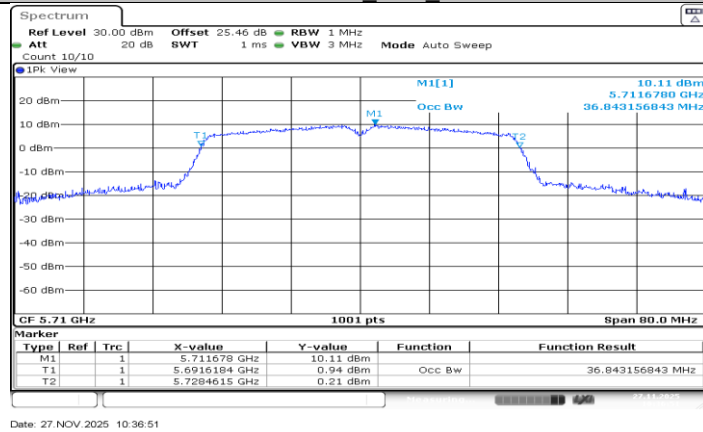
11N40MIMO Ant1_5670



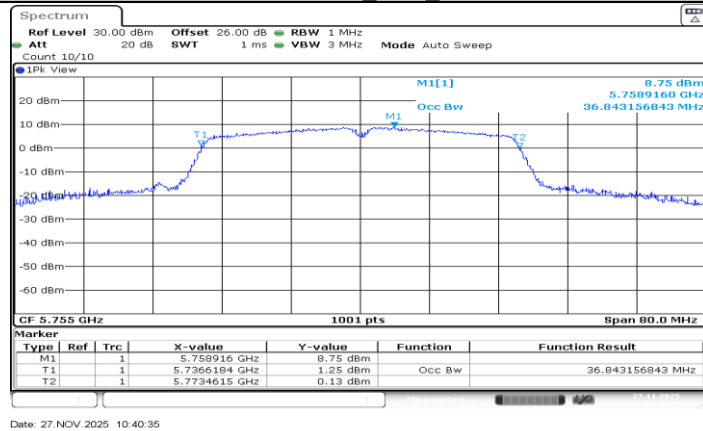
11N40MIMO Ant2_5670



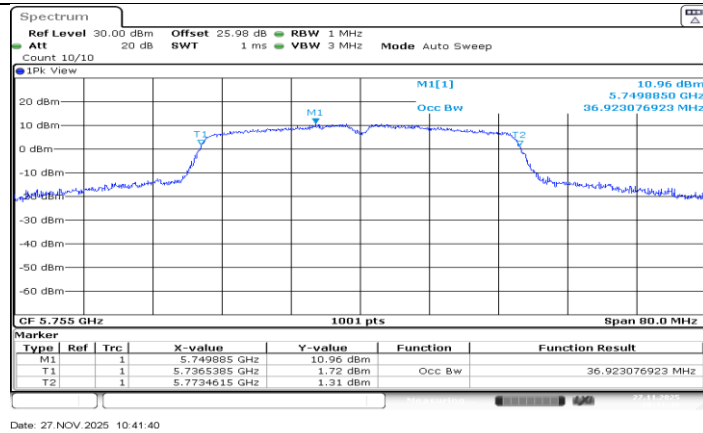
11N40MIMO Ant1 5710



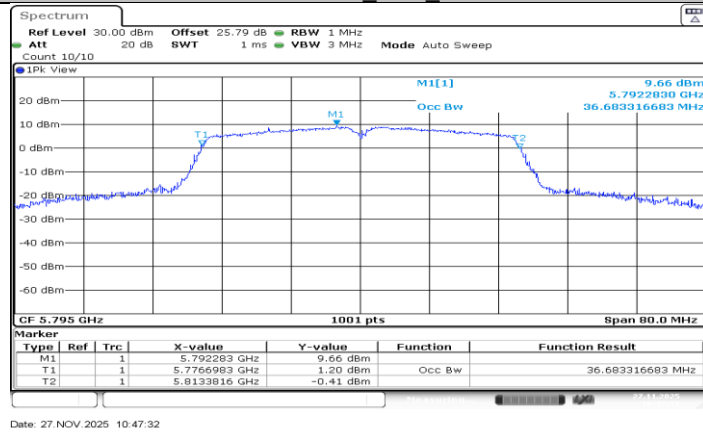
11N40MIMO Ant2 5710



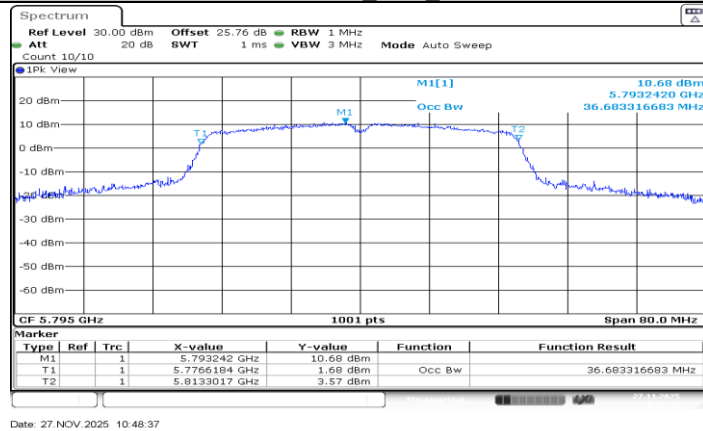
11N40MIMO Ant1 5755



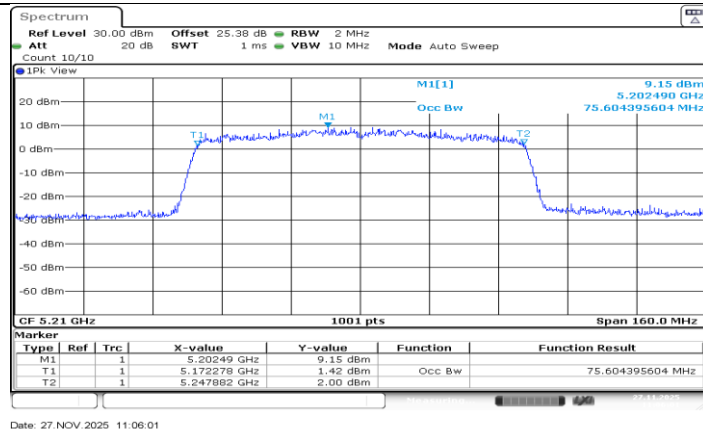
11N40MIMO Ant2_5755



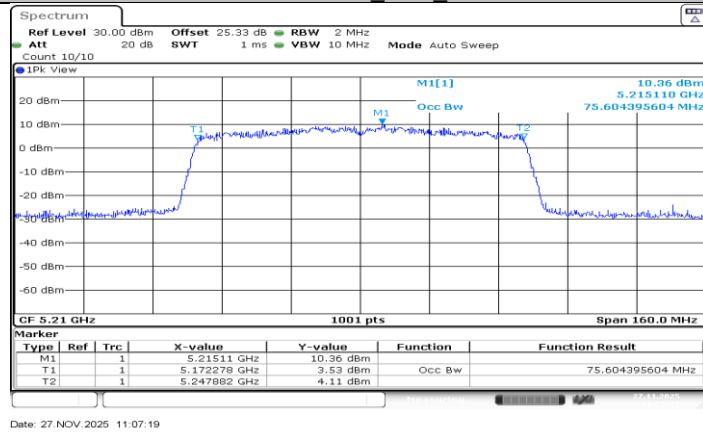
11N40MIMO Ant1_5795



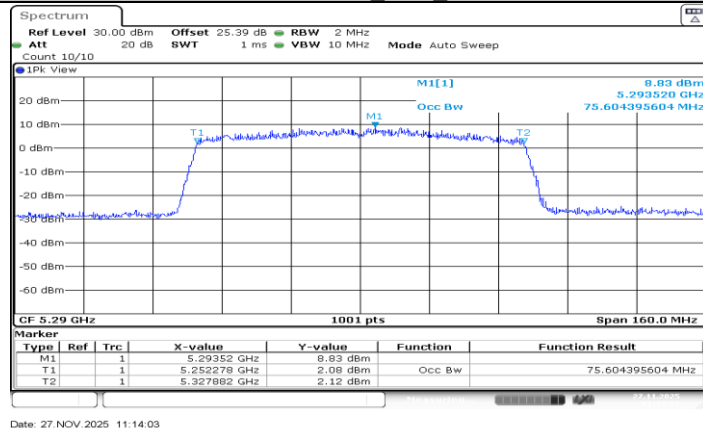
11N40MIMO Ant2_5795



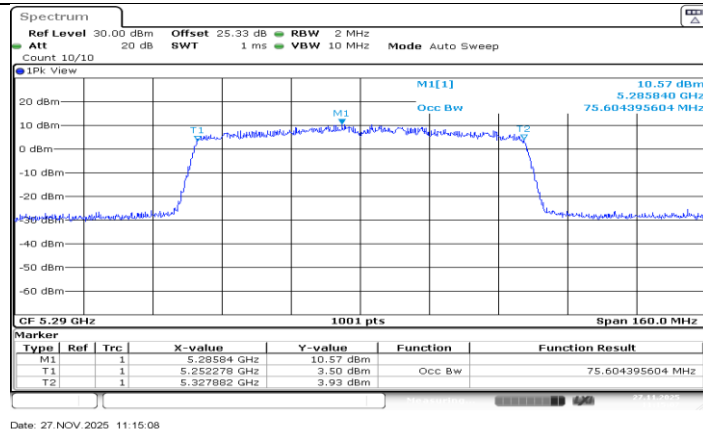
11AC80MIMO_Ant1_5210



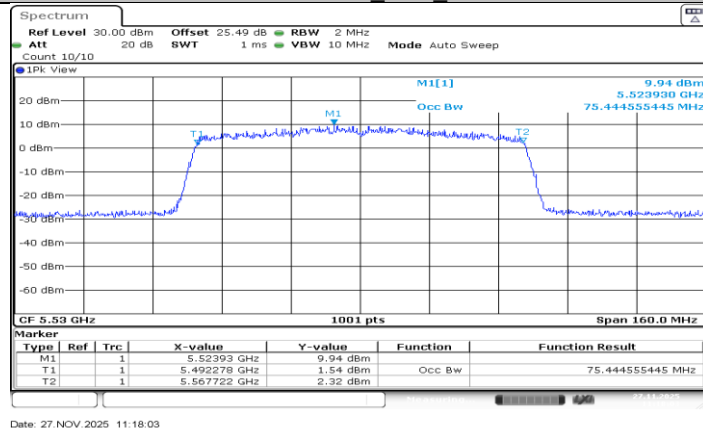
11AC80MIMO_Ant2_5210



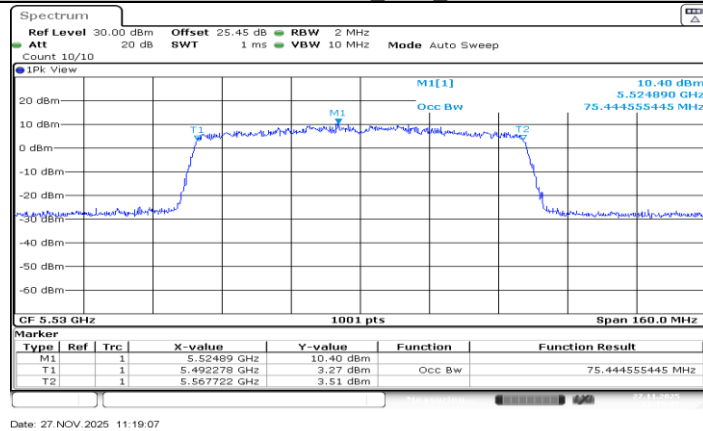
11AC80MIMO_Ant1_5290



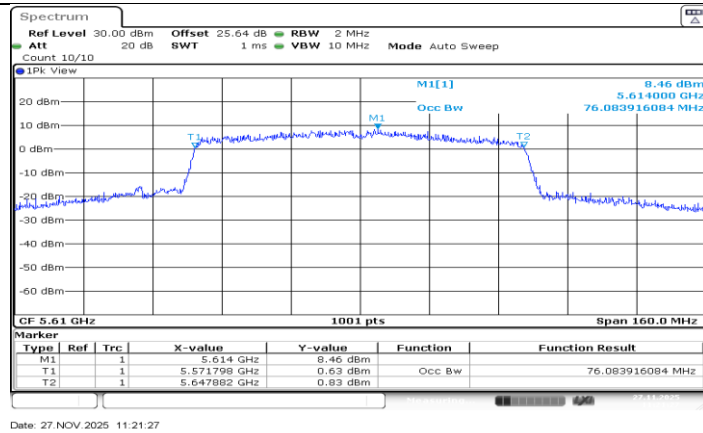
11AC80MIMO_Ant2_5290



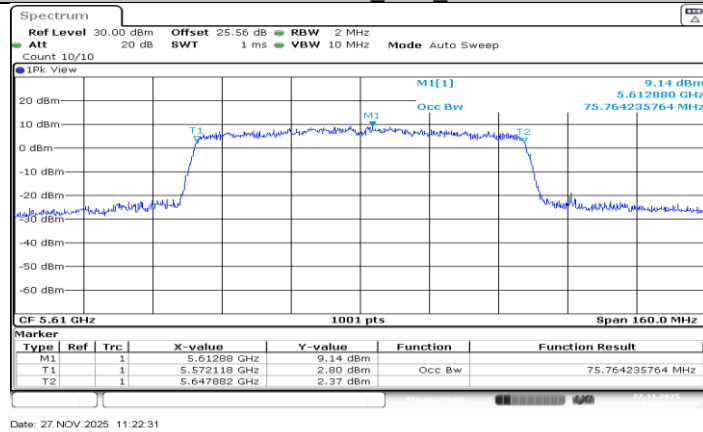
11AC80MIMO_Ant1_5530



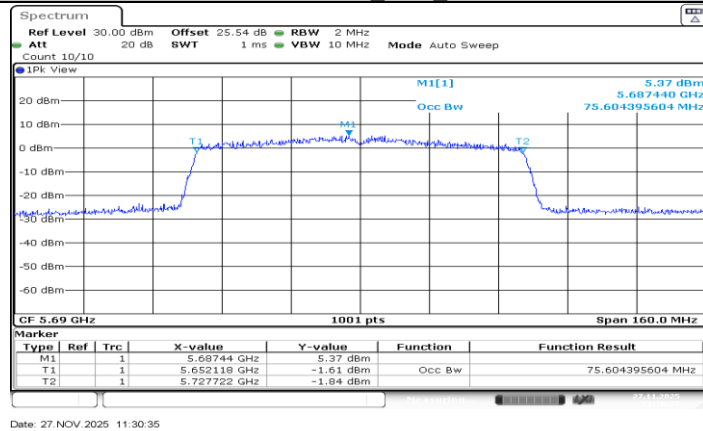
11AC80MIMO_Ant2_5530



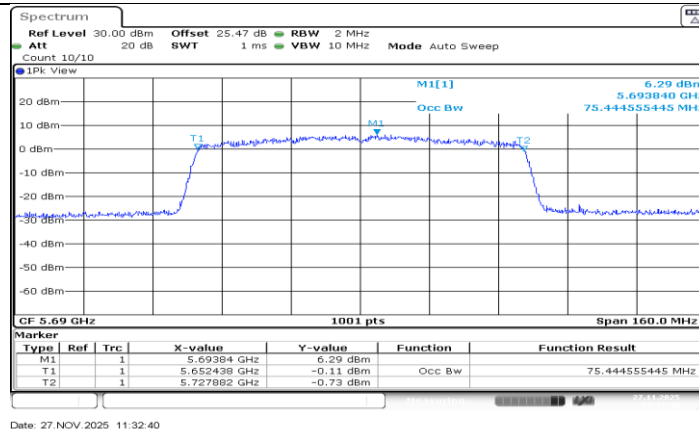
11AC80MIMO_Ant1_5610



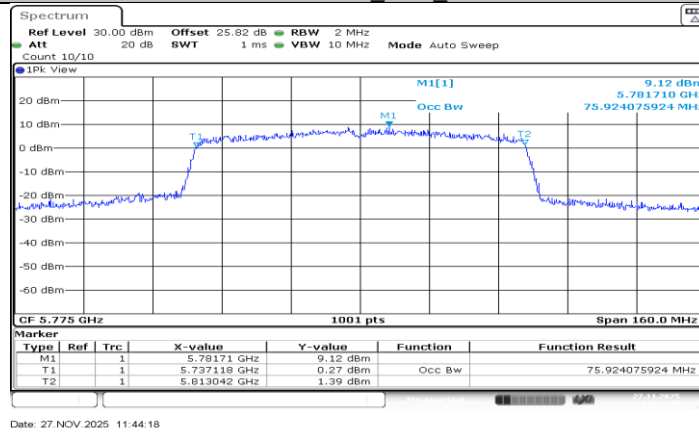
11AC80MIMO_Ant2_5610



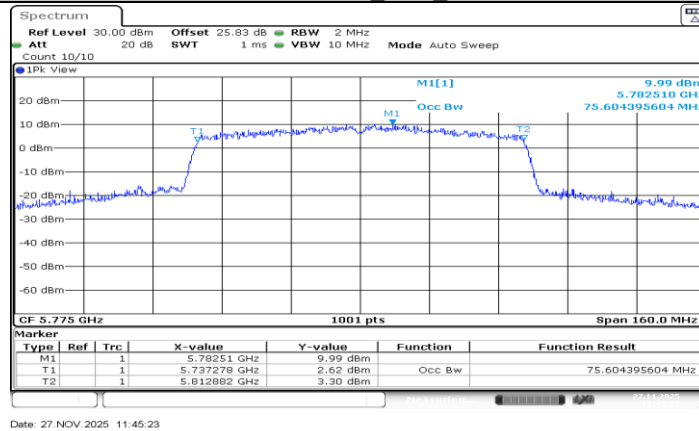
11AC80MIMO_Ant1_5690



11AC80MIMO_Ant2_5690



11AC80MIMO_Ant1_5775



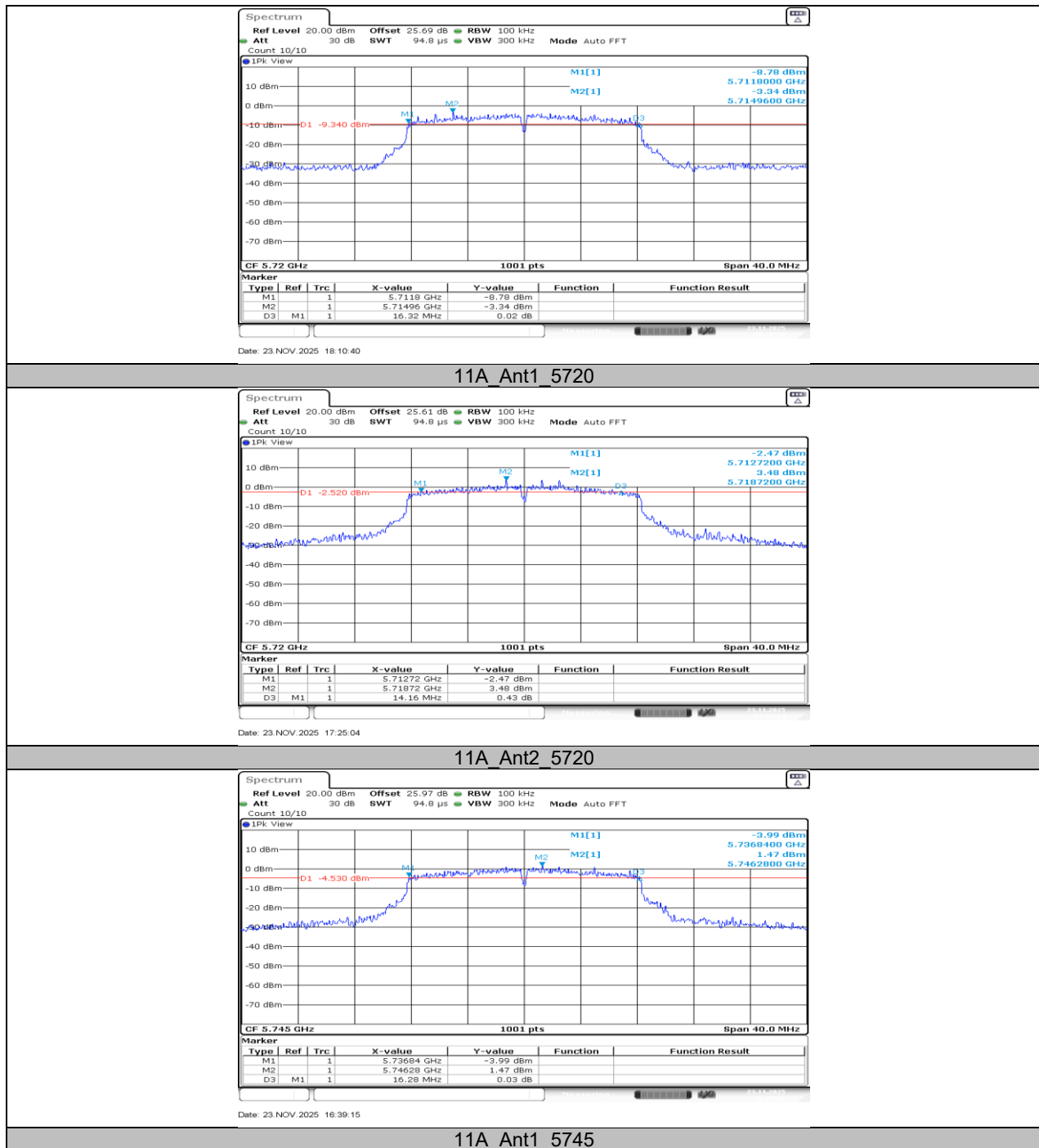
11AC80MIMO_Ant2_5775

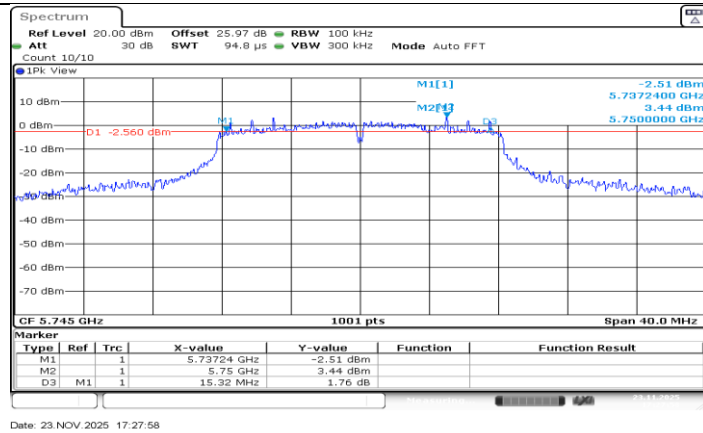
11.3. APPENDIX C: MIN EMISSION BANDWIDTH

11.3.1. Test Result

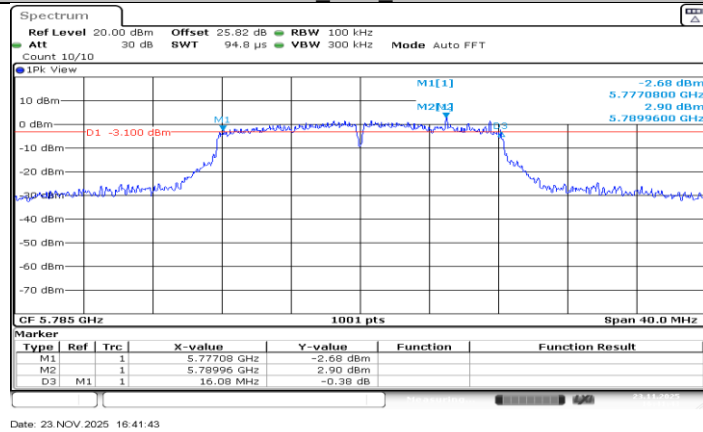
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	16.32	5711.80	5728.12	---	---
	Ant2	5720	14.16	5712.72	5726.88	---	---
	Ant1	5720 UNII-2C	13.2	5711.80	5725	---	---
	Ant2	5720 UNII-2C	12.28	5712.72	5725	---	---
	Ant1	5720 UNII-3	3.12	5725	5728.12	≥0.5	PASS
	Ant2	5720 UNII-3	1.88	5725	5726.88	≥0.5	PASS
	Ant1	5745	16.28	5736.84	5753.12	≥0.5	PASS
	Ant2	5745	15.32	5737.24	5752.56	≥0.5	PASS
	Ant1	5785	16.08	5777.08	5793.16	≥0.5	PASS
	Ant2	5785	15.12	5777.44	5792.56	≥0.5	PASS
	Ant1	5825	14.84	5817.40	5832.24	≥0.5	PASS
	Ant2	5825	16.36	5816.80	5833.16	≥0.5	PASS
11N20MIMO	Ant1	5720	13.80	5713.72	5727.52	---	---
	Ant2	5720	17.20	5711.16	5728.36	---	---
	Ant1	5720 UNII-2C	11.28	5713.72	5725	---	---
	Ant2	5720 UNII-2C	13.84	5711.16	5725	---	---
	Ant1	5720 UNII-3	2.52	5725	5727.52	≥0.5	PASS
	Ant2	5720 UNII-3	3.36	5725	5728.36	≥0.5	PASS
	Ant1	5745	14.44	5738.08	5752.52	≥0.5	PASS
	Ant2	5745	15.68	5736.80	5752.48	≥0.5	PASS
	Ant1	5785	16.40	5777.08	5793.48	≥0.5	PASS
	Ant2	5785	17.52	5776.20	5793.72	≥0.5	PASS
	Ant1	5825	15.12	5817.44	5832.56	≥0.5	PASS
	Ant2	5825	16.32	5816.80	5833.12	≥0.5	PASS
11N40MIMO	Ant1	5710	35.20	5692.40	5727.60	---	---
	Ant2	5710	35.12	5692.40	5727.52	---	---
	Ant1	5710 UNII-2C	32.6	5692.40	5725	---	---
	Ant2	5710 UNII-2C	32.6	5692.40	5725	---	---
	Ant1	5710 UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant2	5710 UNII-3	2.52	5725	5727.52	≥0.5	PASS
	Ant1	5755	35.04	5737.48	5772.52	≥0.5	PASS
	Ant2	5755	35.04	5737.48	5772.52	≥0.5	PASS
	Ant1	5795	35.12	5777.48	5812.60	≥0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	≥0.5	PASS
11AC80MIMO	Ant1	5690	75.20	5652.40	5727.60	---	---
	Ant2	5690	68.96	5658.64	5727.60	---	---
	Ant1	5690 UNII-2C	72.6	5652.40	5725	---	---
	Ant2	5690 UNII-2C	66.36	5658.64	5725	---	---
	Ant1	5690 UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant2	5690 UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant1	5775	75.20	5737.40	5812.60	≥0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	≥0.5	PASS

11.3.2. Test Graphs

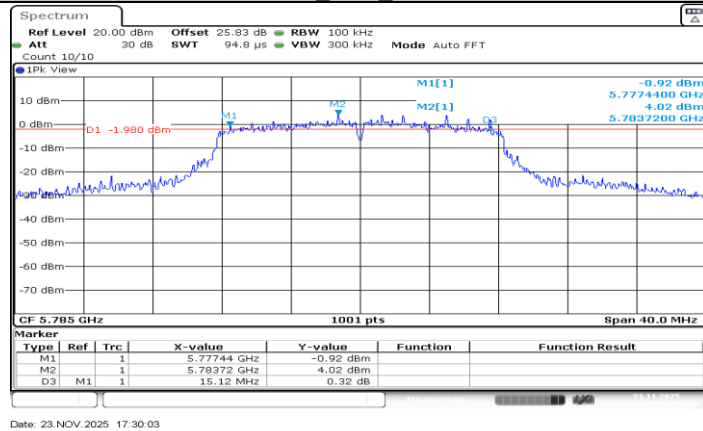




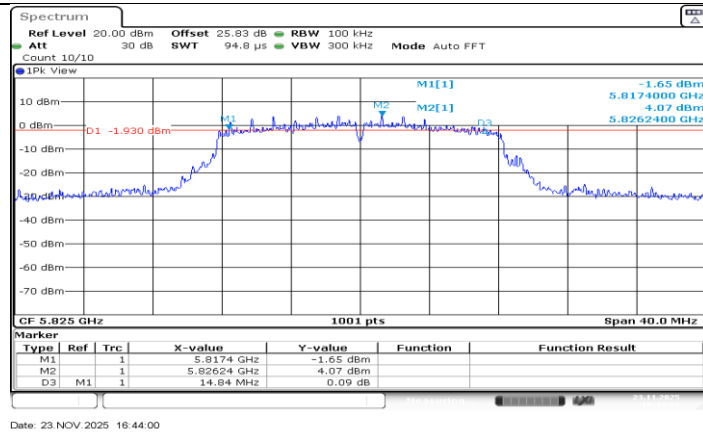
11A_Ant2_5745



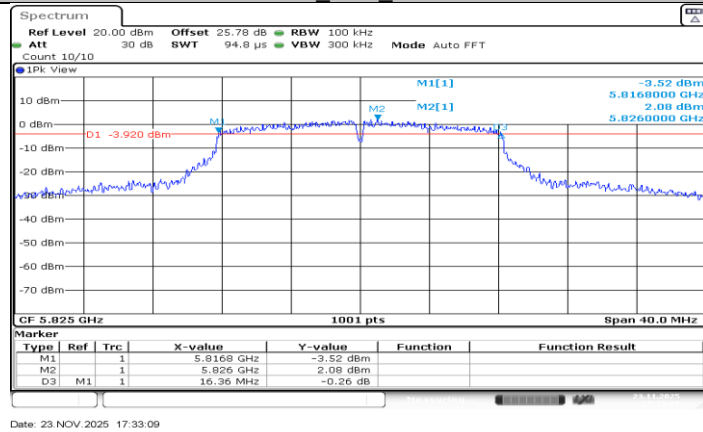
11A_Ant1_5785



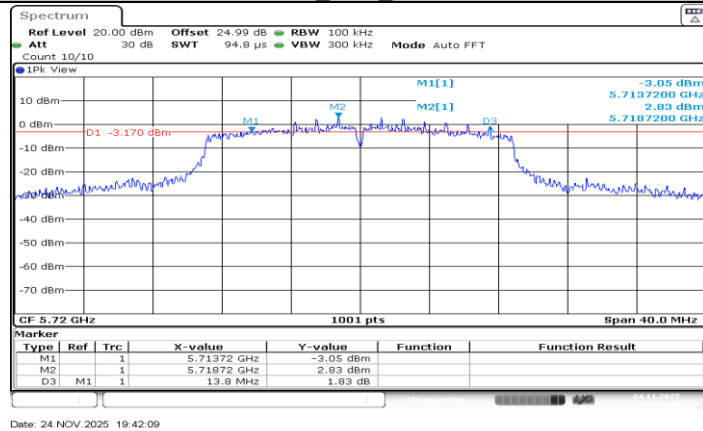
11A_Ant2_5785



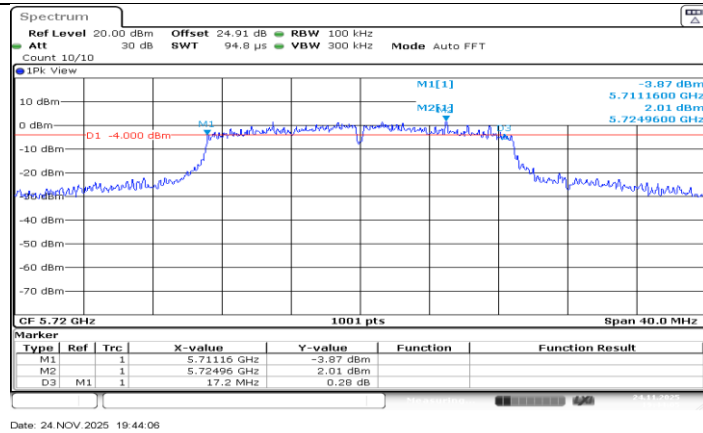
11A_Ant1_5825



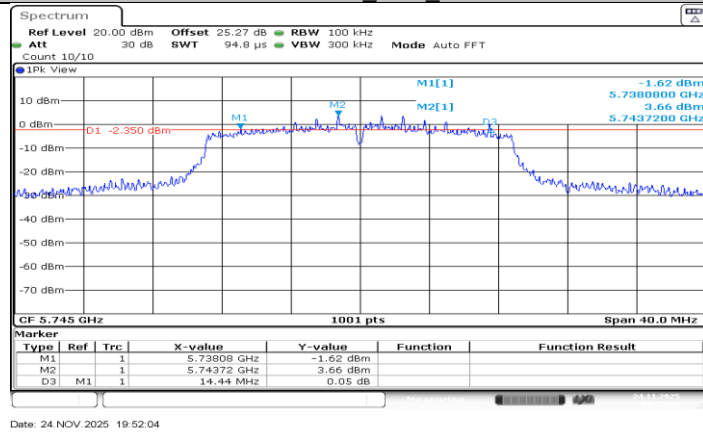
11A_Ant2_5825



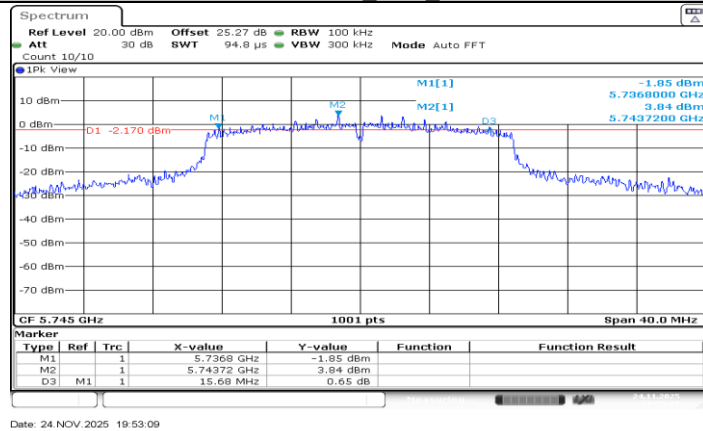
11N20MIMO_Ant1_5720



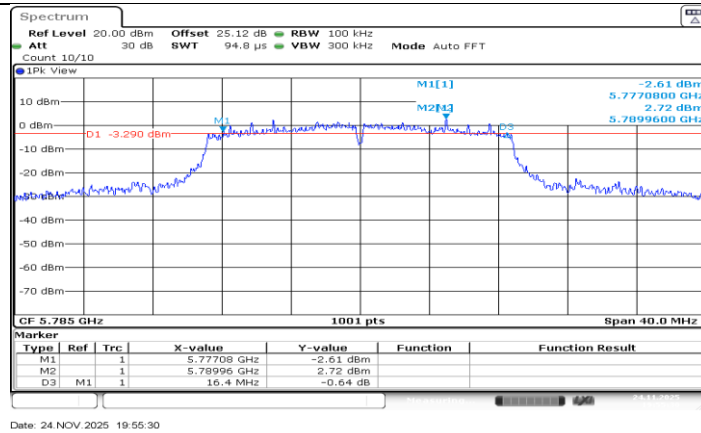
11N20MIMO_Ant2_5720



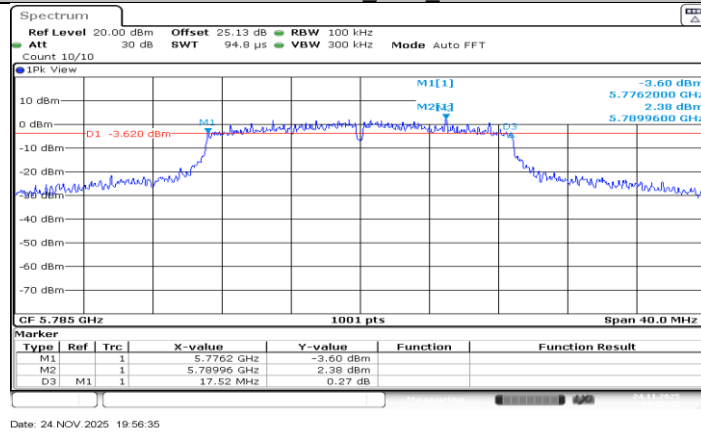
11N20MIMO_Ant1_5745



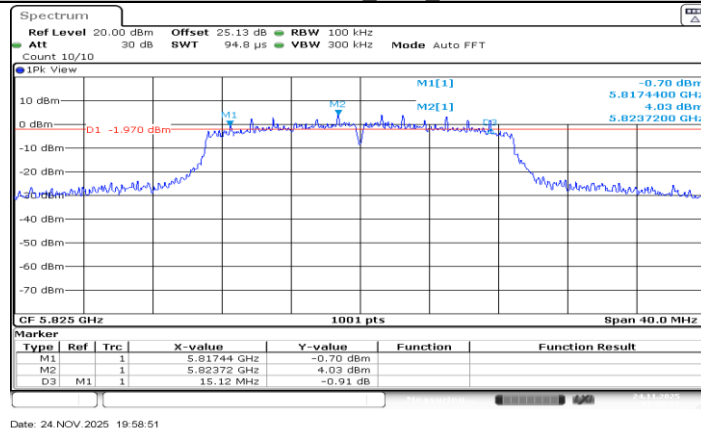
11N20MIMO_Ant2_5745



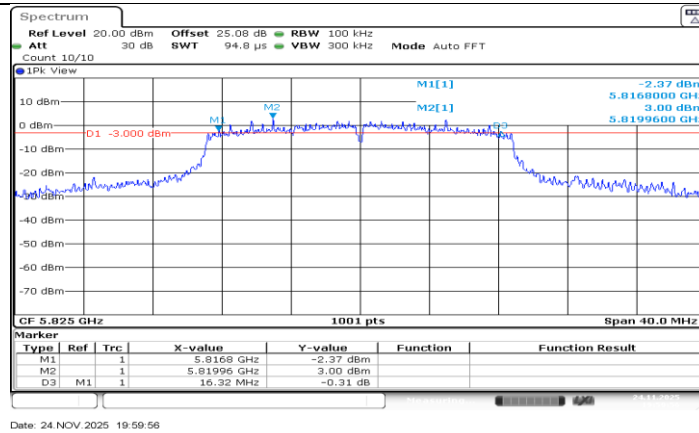
11N20MIMO Ant1 5785



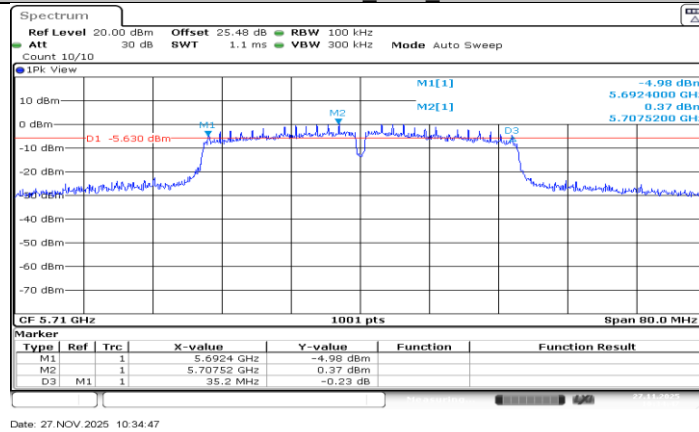
11N20MIMO Ant2 5785



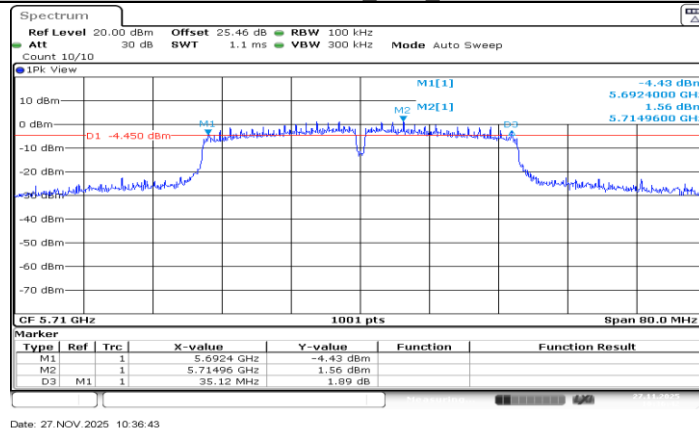
11N20MIMO Ant1 5825



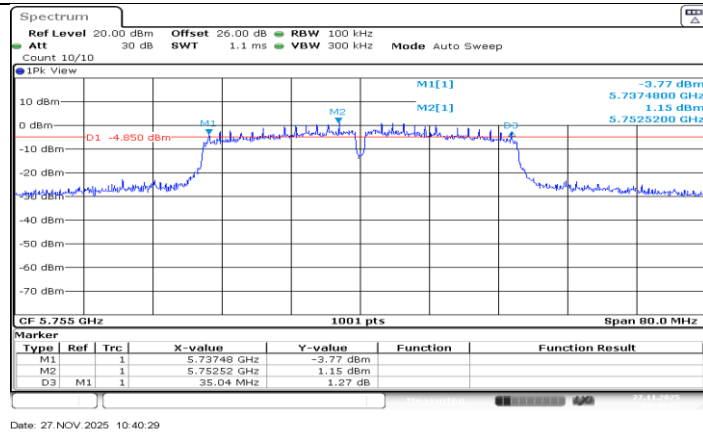
11N20MIMO_Ant2_5825



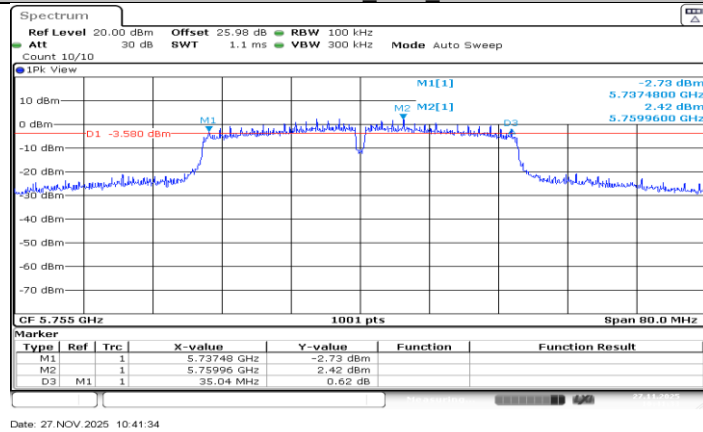
11N40MIMO_Ant1_5710



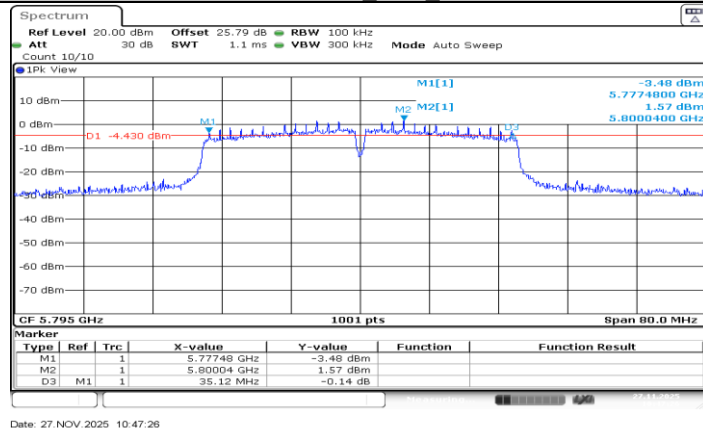
11N40MIMO_Ant2_5710



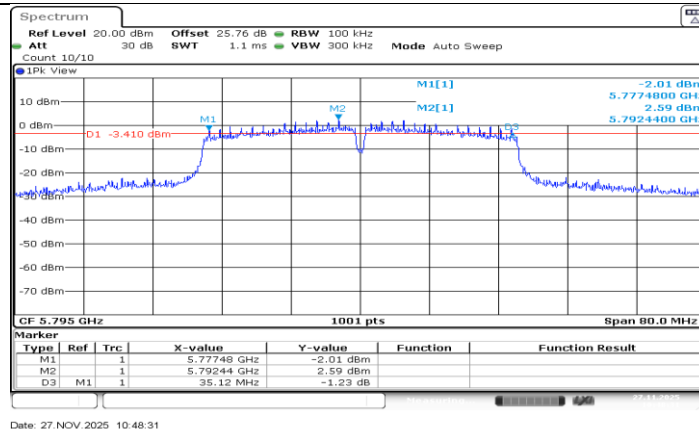
11N40MIMO Ant1 5755



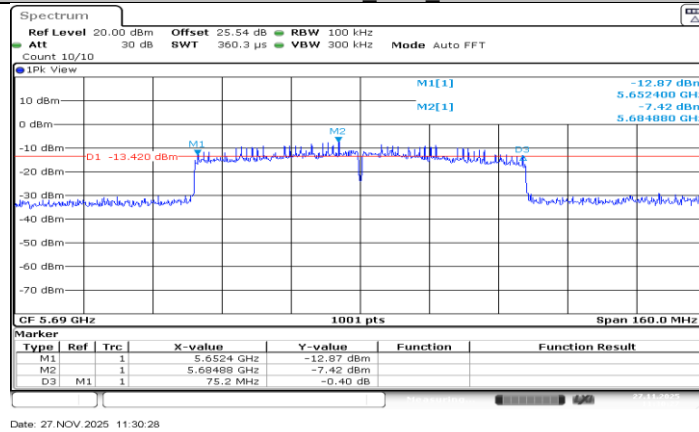
11N40MIMO Ant2 5755



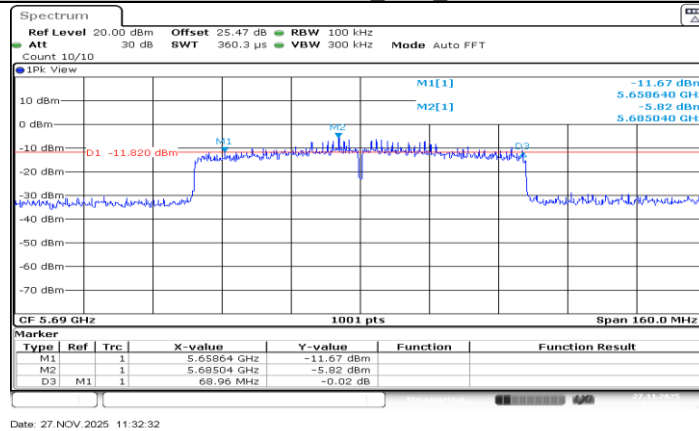
11N40MIMO Ant1 5795



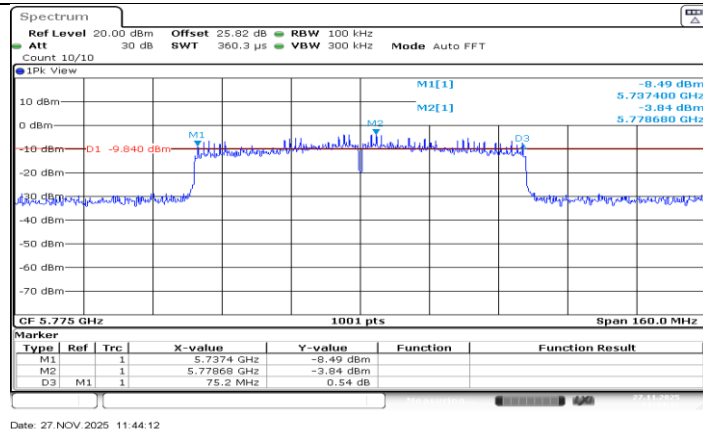
11N40MIMO_Ant2_5795



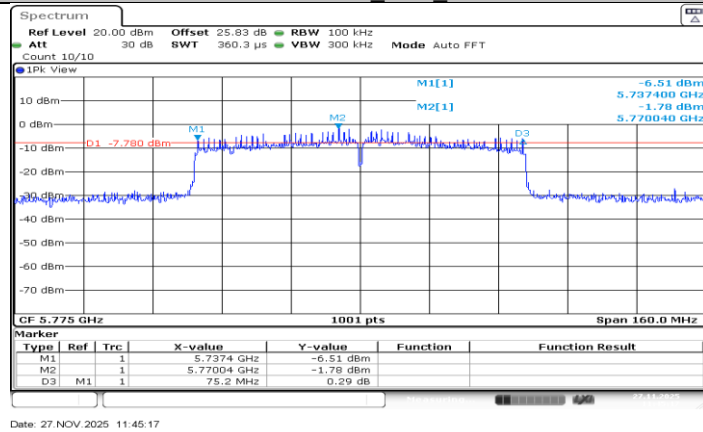
11AC80MIMO_Ant1_5690



11AC80MIMO_Ant2_5690



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

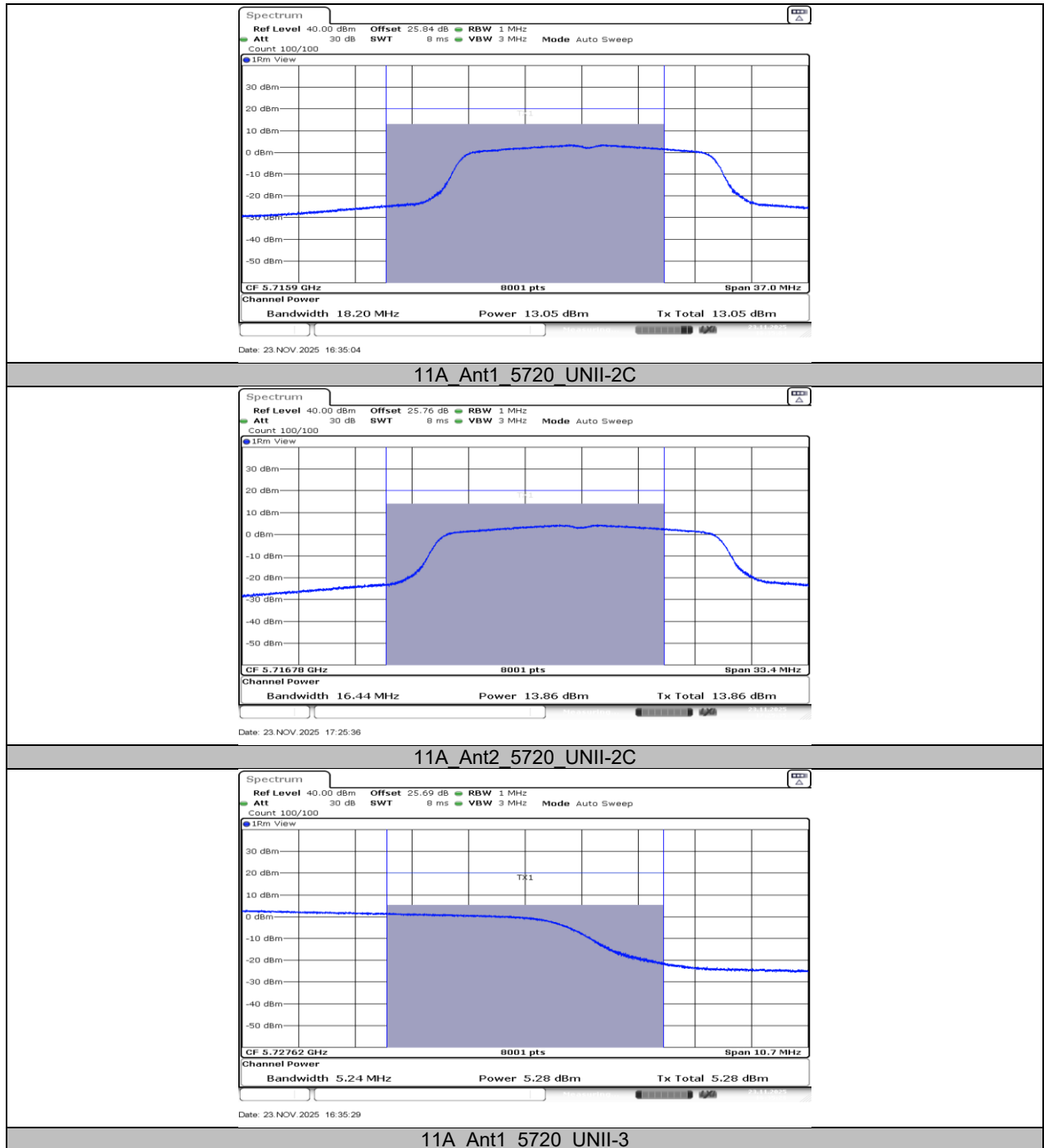
Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	15.12	≤23.98	---	19.13	≤22.38	PASS
	Ant2	5180	15.01	≤23.98	---	18.14	≤22.33	PASS
	Ant1	5200	14.57	≤23.98	---	18.58	≤22.56	PASS
	Ant2	5200	14.98	≤23.98	---	18.11	≤22.39	PASS
	Ant1	5240	14.07	≤23.98	---	18.08	≤22.38	PASS
	Ant2	5240	15.10	≤23.98	---	18.23	≤22.36	PASS
	Ant1	5260	14.13	≤23.98	≤23.40	18.14	≤29.40	PASS
	Ant2	5260	15.19	≤23.98	≤23.37	18.32	≤29.37	PASS
	Ant1	5280	14.28	≤23.98	≤23.40	18.29	≤29.40	PASS
	Ant2	5280	15.28	≤23.98	≤23.38	18.41	≤29.38	PASS
	Ant1	5320	14.33	≤23.98	≤23.35	18.34	≤29.35	PASS
	Ant2	5320	15.47	≤23.98	≤23.35	18.60	≤29.35	PASS
	Ant1	5500	15.39	≤23.98	≤23.34	19.40	≤29.34	PASS
	Ant2	5500	15.17	≤23.98	≤23.34	18.30	≤29.34	PASS
	Ant1	5580	14.40	≤23.98	≤23.37	18.41	≤29.37	PASS
	Ant2	5580	15.10	≤23.98	≤23.36	18.23	≤29.36	PASS
	Ant1	5700	13.61	≤23.98	≤23.36	17.62	≤29.36	PASS
	Ant2	5700	14.45	≤23.98	≤23.46	17.58	≤29.46	PASS
	Ant1	5720 UNII-2C	13.05	≤22.78	≤22.35	17.06	≤28.35	PASS
	Ant2	5720 UNII-2C	13.86	≤23.16	≤22.41	16.99	≤28.41	PASS
	Ant1	5720 UNII-3	5.28	≤30.00	≤30.00	9.29	---	PASS
	Ant2	5720 UNII-3	6.19	≤30.00	≤30.00	9.32	---	PASS
	Ant1	5745	14.16	≤30.00	≤30.00	18.17	---	PASS
	Ant2	5745	14.90	≤30.00	≤30.00	18.03	---	PASS
	Ant1	5785	14.72	≤30.00	≤30.00	18.73	---	PASS
	Ant2	5785	15.20	≤30.00	≤30.00	18.33	---	PASS
	Ant1	5825	15.05	≤30.00	≤30.00	19.06	---	PASS
	Ant2	5825	15.22	≤30.00	≤30.00	18.35	---	PASS
11N20MIMO	Ant1	5180	9.35	≤23.98	---	13.36	≤22.56	PASS
	Ant2	5180	8.6	≤23.98	---	11.73	≤22.49	PASS
	total	5180	12	≤22.96	---	16.01	≤22.49	PASS
	Ant1	5200	9.39	≤23.98	---	13.4	≤22.57	PASS
	Ant2	5200	9.38	≤23.98	---	12.51	≤22.50	PASS
	total	5200	12.4	≤22.96	---	16.41	≤22.50	PASS
	Ant1	5240	8.99	≤23.98	---	13	≤22.58	PASS
	Ant2	5240	9.38	≤23.98	---	12.51	≤22.51	PASS
	total	5240	12.2	≤22.96	---	16.21	≤22.51	PASS
	Ant1	5260	14.03	≤23.98	≤23.62	18.04	≤29.62	PASS
	Ant2	5260	14.89	≤23.98	≤23.52	18.02	≤29.52	PASS
	total	5260	17.49	≤22.96	≤23.52	21.5	≤29.52	PASS
	Ant1	5280	14.16	≤23.98	≤23.58	18.17	≤29.58	PASS
	Ant2	5280	15.12	≤23.98	≤23.51	18.25	≤29.51	PASS
	total	5280	17.68	≤22.96	≤23.51	21.69	≤29.51	PASS
	Ant1	5320	12.87	≤23.98	≤23.58	16.88	≤29.58	PASS
	Ant2	5320	14.42	≤23.98	≤23.51	17.55	≤29.51	PASS
	total	5320	16.72	≤22.96	≤23.51	20.73	≤29.51	PASS
	Ant1	5500	14.39	≤23.98	≤23.56	18.4	≤29.56	PASS
	Ant2	5500	14.05	≤23.98	≤23.51	17.18	≤29.51	PASS
	total	5500	17.23	≤22.96	≤23.51	21.24	≤29.51	PASS
	Ant1	5580	13.95	≤23.98	≤23.73	17.96	≤29.73	PASS
	Ant2	5580	14.45	≤23.98	≤23.52	17.58	≤29.52	PASS
	total	5580	17.22	≤22.96	≤23.52	21.23	≤29.52	PASS
	Ant1	5700	12.51	≤23.98	≤23.71	16.52	≤29.71	PASS
	Ant2	5700	13.85	≤23.98	≤23.62	16.98	≤29.62	PASS

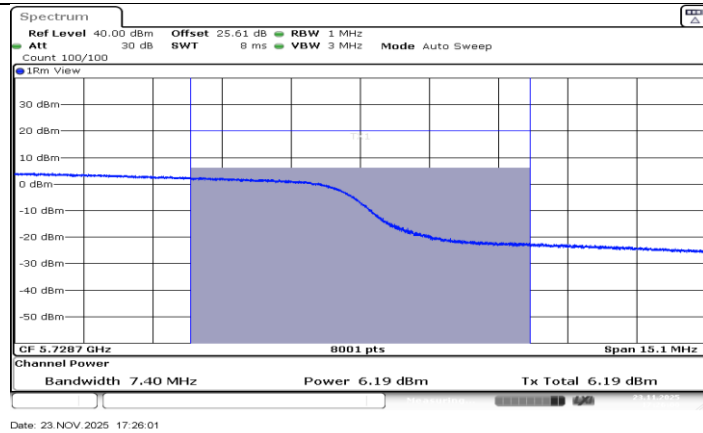
	total	5700	16.24	≤22.96	≤23.62	20.25	≤29.62	PASS
	Ant1	5720 UNII-2C	13.63	≤22.88	≤22.56	17.64	≤28.56	PASS
	Ant2	5720 UNII-2C	13.98	≤22.84	≤22.50	17.11	≤28.50	PASS
	total	5720 UNII-2C	16.82	≤21.82	≤22.50	20.83	≤28.50	PASS
	Ant1	5720 UNII-3	6.29	≤30.00	≤30.00	10.3	---	PASS
	Ant2	5720 UNII-3	6.64	≤30.00	≤30.00	9.77	---	PASS
	total	5720 UNII-3	9.48	≤28.98	≤28.98	13.49	---	PASS
	Ant1	5745	13.92	≤30.00	≤30.00	17.93	---	PASS
	Ant2	5745	14.22	≤30.00	≤30.00	17.35	---	PASS
	total	5745	17.08	≤28.98	≤28.98	21.09	---	PASS
	Ant1	5785	14.46	≤30.00	≤30.00	18.47	---	PASS
	Ant2	5785	14.33	≤30.00	≤30.00	17.46	---	PASS
	total	5785	17.41	≤28.98	≤28.98	21.42	---	PASS
	Ant1	5825	14.76	≤30.00	≤30.00	18.77	---	PASS
	Ant2	5825	14.41	≤30.00	≤30.00	17.54	---	PASS
	total	5825	17.6	≤28.98	≤28.98	21.61	---	PASS
11N40MIMO	Ant1	5190	11.04	≤23.98	---	15.05	≤23.00	PASS
	Ant2	5190	11.38	≤23.98	---	14.51	≤23.00	PASS
	total	5190	14.22	≤22.96	---	18.23	≤23.00	PASS
	Ant1	5230	10.77	≤23.98	---	14.78	≤23.00	PASS
	Ant2	5230	11.65	≤23.98	---	14.78	≤23.00	PASS
	total	5230	14.24	≤22.96	---	18.25	≤23.00	PASS
	Ant1	5270	13.85	≤23.98	≤23.98	17.86	≤30.00	PASS
	Ant2	5270	15.17	≤23.98	≤23.98	18.3	≤30.00	PASS
	total	5270	17.57	≤22.96	≤23.98	21.58	≤30.00	PASS
	Ant1	5310	13.81	≤23.98	≤23.98	17.82	≤30.00	PASS
	Ant2	5310	15.33	≤23.98	≤23.98	18.46	≤30.00	PASS
	total	5310	17.65	≤22.96	≤23.98	21.66	≤30.00	PASS
	Ant1	5510	14.58	≤23.98	≤23.98	18.59	≤30.00	PASS
	Ant2	5510	14.86	≤23.98	≤23.98	17.99	≤30.00	PASS
	total	5510	17.73	≤22.96	≤23.98	21.74	≤30.00	PASS
	Ant1	5550	14.53	≤23.98	≤23.98	18.54	≤30.00	PASS
	Ant2	5550	15.12	≤23.98	≤23.98	18.25	≤30.00	PASS
	total	5550	17.85	≤22.96	≤23.98	21.86	≤30.00	PASS
	Ant1	5670	13.62	≤23.98	≤23.98	17.63	≤30.00	PASS
	Ant2	5670	14.66	≤23.98	≤23.98	17.79	≤30.00	PASS
	total	5670	17.18	≤22.96	≤23.98	21.19	≤30.00	PASS
	Ant1	5710 UNII-2C	12.8	≤23.98	≤23.98	16.81	≤30.00	PASS
	Ant2	5710 UNII-2C	14.11	≤23.98	≤23.98	17.24	≤30.00	PASS
	total	5710 UNII-2C	16.51	≤22.96	≤23.98	20.52	≤30.00	PASS
	Ant1	5710 UNII-3	0.15	≤30.00	≤30.00	4.16	---	PASS
	Ant2	5710 UNII-3	1.64	≤30.00	≤30.00	4.77	---	PASS
	total	5710 UNII-3	3.97	≤28.98	≤28.98	7.98	---	PASS
	Ant1	5755	13.87	≤30.00	≤30.00	17.88	---	PASS
	Ant2	5755	15.1	≤30.00	≤30.00	18.23	---	PASS
	total	5755	17.54	≤28.98	≤28.98	21.55	---	PASS
	Ant1	5795	14.33	≤30.00	≤30.00	18.34	---	PASS
	Ant2	5795	15.32	≤30.00	≤30.00	18.45	---	PASS
	total	5795	17.86	≤28.98	≤28.98	21.87	---	PASS
11AC80MIMO	Ant1	5210	12.67	≤23.98	---	16.68	≤23.00	PASS
	Ant2	5210	13.64	≤23.98	---	16.77	≤23.00	PASS
	total	5210	16.19	≤22.96	---	20.2	≤23.00	PASS
	Ant1	5290	12.28	≤23.98	≤23.98	16.29	≤30.00	PASS
	Ant2	5290	13.86	≤23.98	≤23.98	16.99	≤30.00	PASS
	total	5290	16.15	≤22.96	≤23.98	20.16	≤30.00	PASS
	Ant1	5530	12.96	≤23.98	≤23.98	16.97	≤30.00	PASS
	Ant2	5530	13.64	≤23.98	≤23.98	16.77	≤30.00	PASS
	total	5530	16.32	≤22.96	≤23.98	20.33	≤30.00	PASS
	Ant1	5610	11.83	≤23.98	≤23.98	15.84	≤30.00	PASS
	Ant2	5610	13.12	≤23.98	≤23.98	16.25	≤30.00	PASS

	total	5610	15.53	≤22.96	≤23.98	19.54	≤30.00	PASS
	Ant1	5690 UNII-2C	11.47	≤23.98	≤23.98	15.48	≤30.00	PASS
	Ant2	5690 UNII-2C	12.78	≤23.98	≤23.98	15.91	≤30.00	PASS
	total	5690 UNII-2C	15.18	≤22.96	≤23.98	19.19	≤30.00	PASS
	Ant1	5690 UNII-3	-5.29	≤30.00	≤30.00	-1.28	---	PASS
	Ant2	5690 UNII-3	-3.47	≤30.00	≤30.00	-0.34	---	PASS
	total	5690 UNII-3	-1.28	≤28.98	≤28.98	2.73	---	PASS
	Ant1	5775	12.3	≤30.00	≤30.00	16.31	---	PASS
	Ant2	5775	13.66	≤30.00	≤30.00	16.79	---	PASS
	total	5775	16.04	≤28.98	≤28.98	20.05	---	PASS

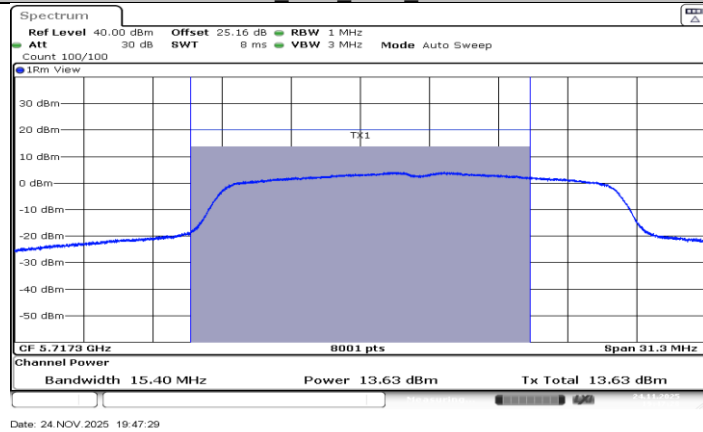
Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4.2. Test Graphs

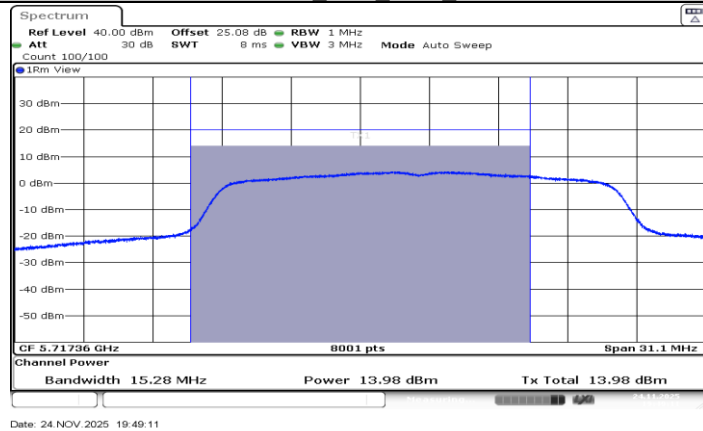




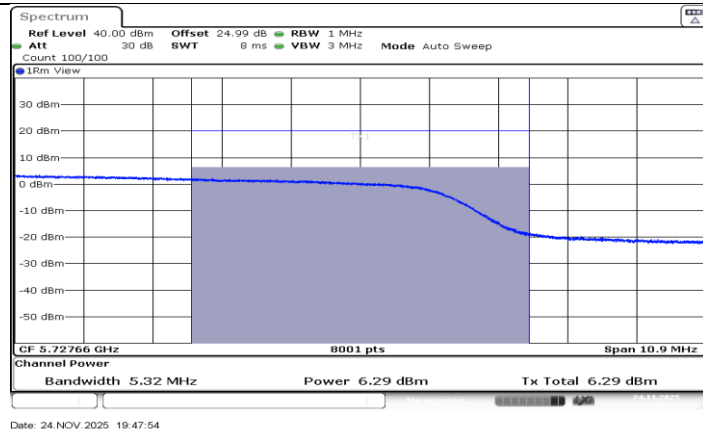
11A_Ant2_5720_UNII-3



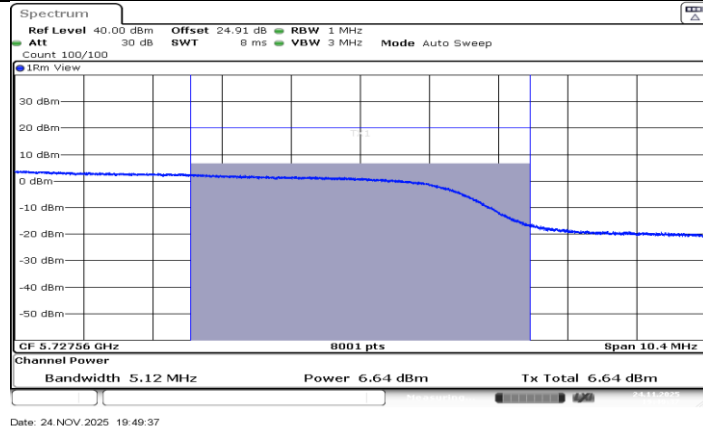
11N20MIMO_Ant1_5720_UNII-2C



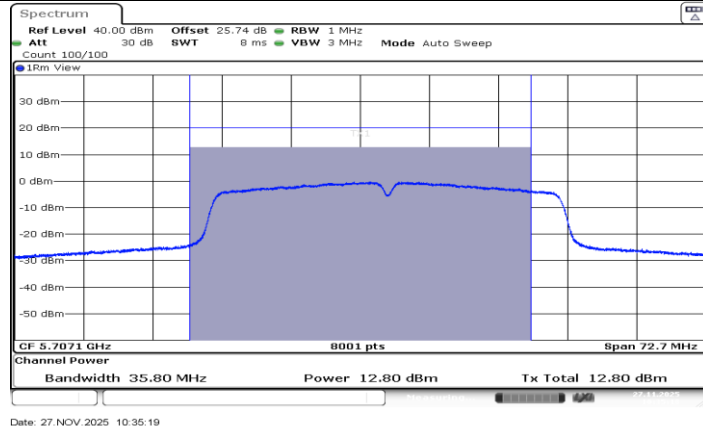
11N20MIMO_Ant2_5720_UNII-2C



11N20MIMO_Ant1_5720_UNII-3



11N20MIMO_Ant2_5720_UNII-3



11N40MIMO_Ant1_5710_UNII-2C