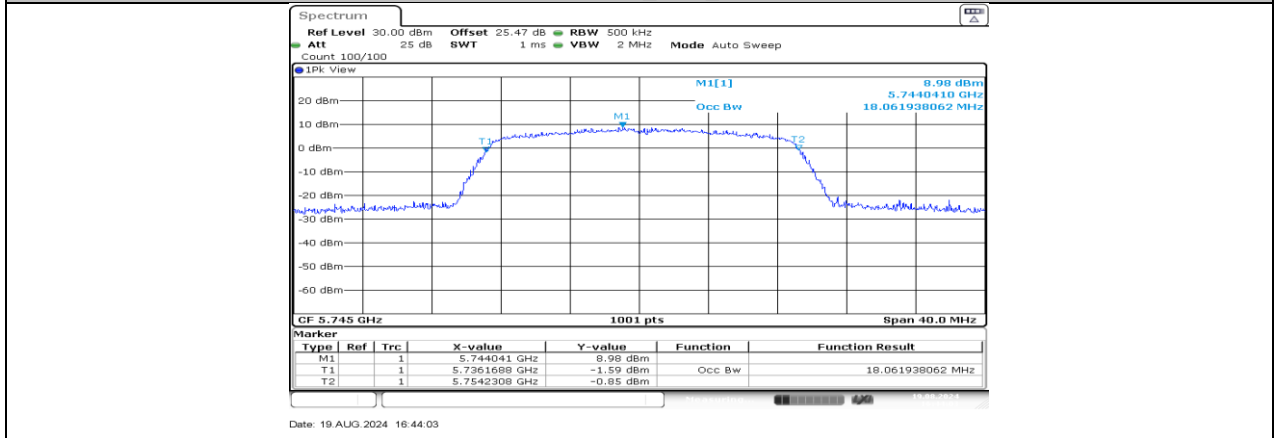
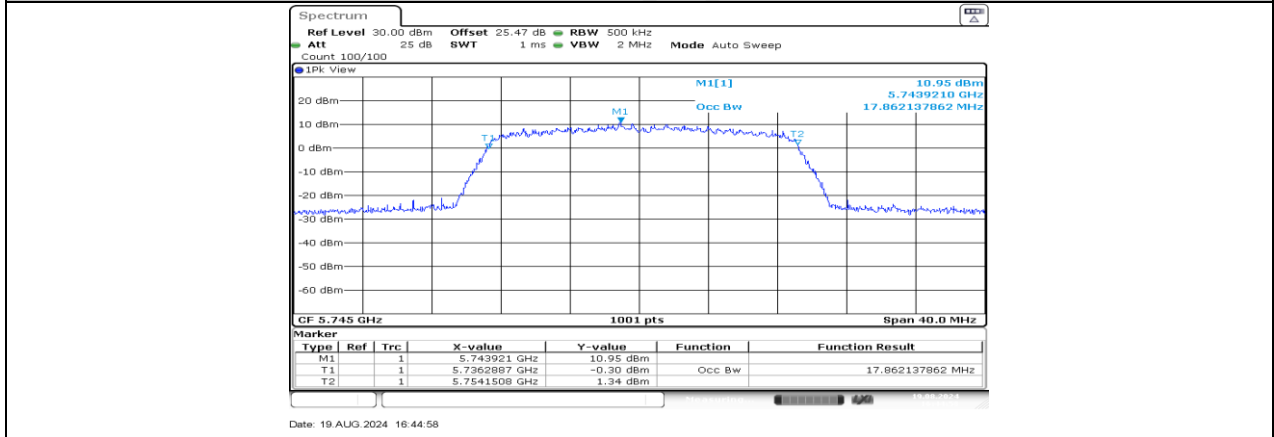


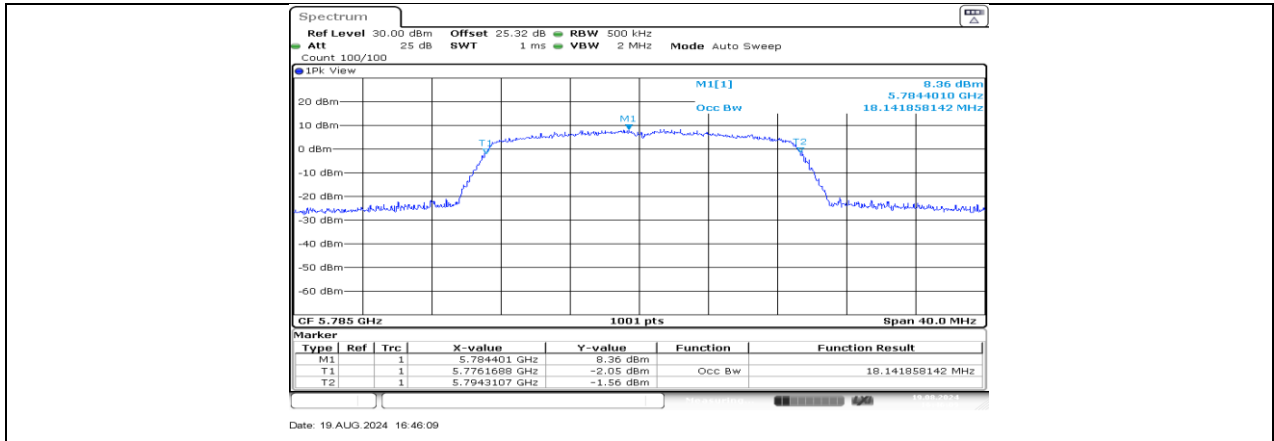
11N20MIMO_Ant2_5720



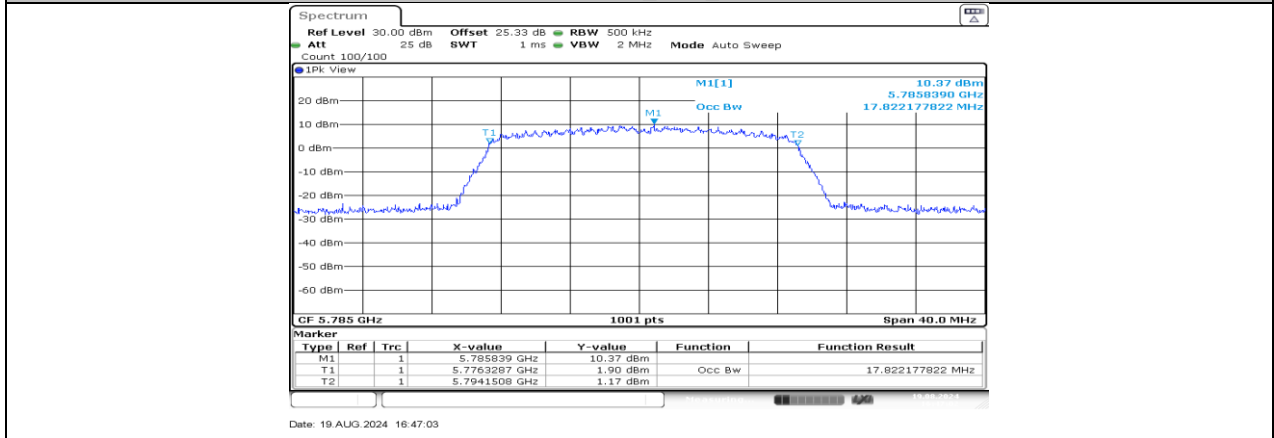
11N20MIMO_Ant1_5745



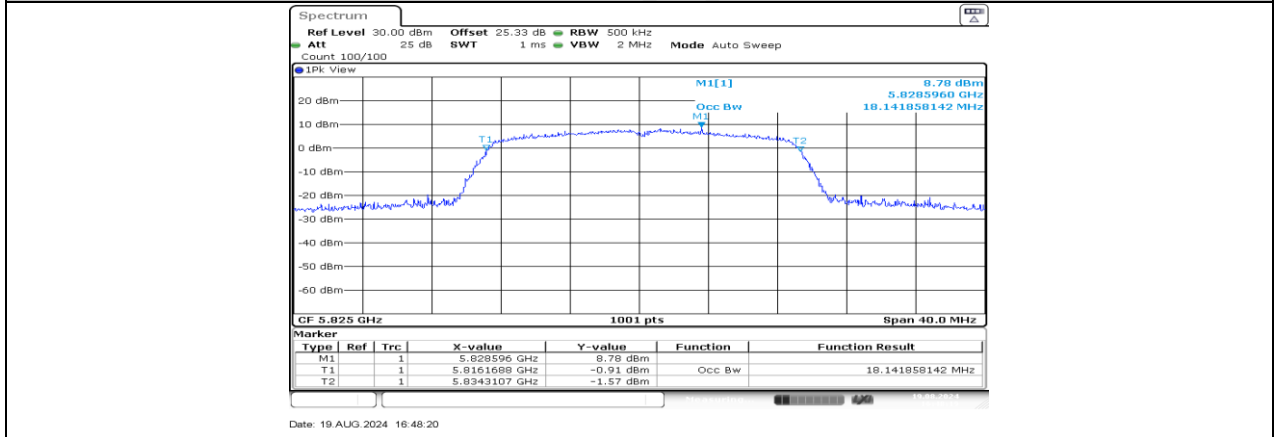
11N20MIMO_Ant2_5745



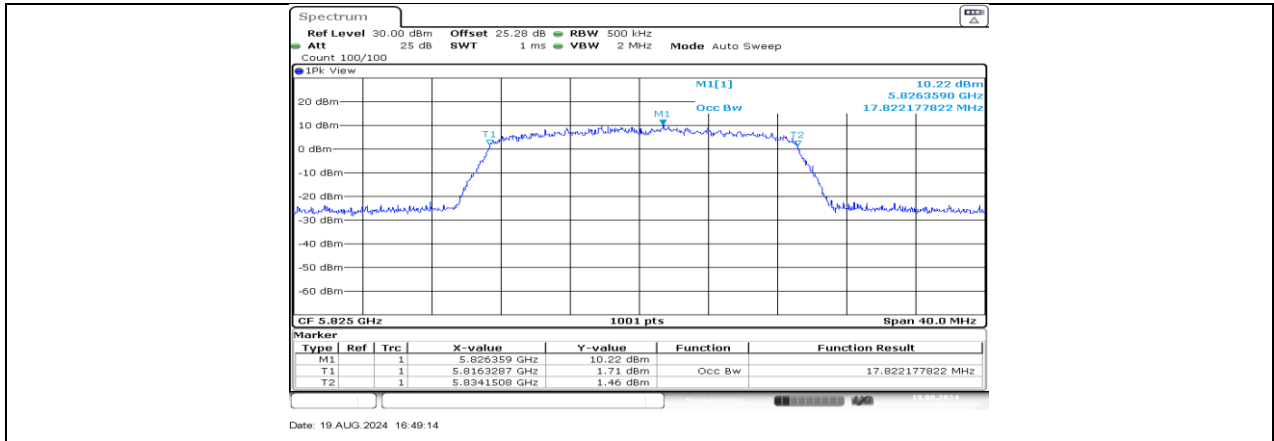
11N20MIMO_Ant1_5785



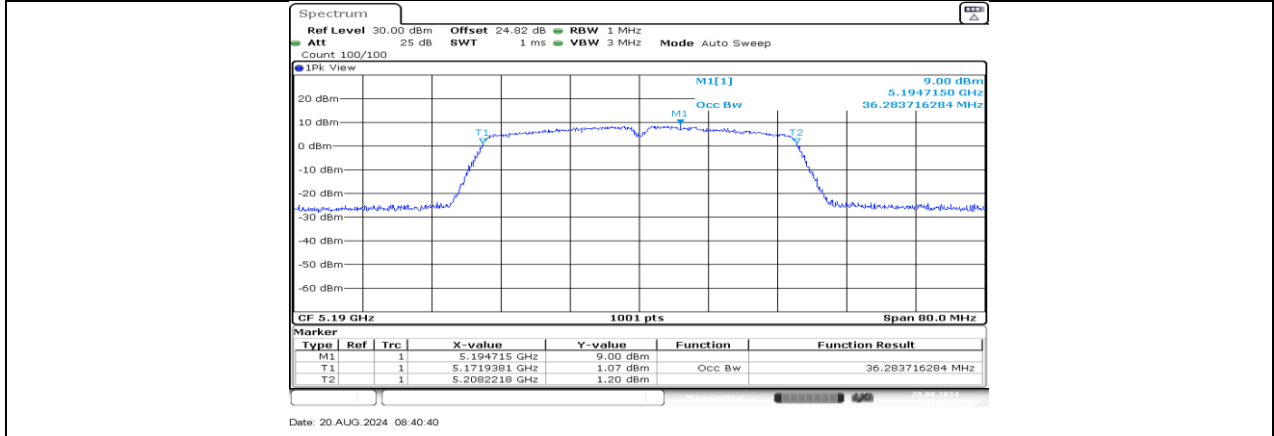
11N20MIMO_Ant2_5785



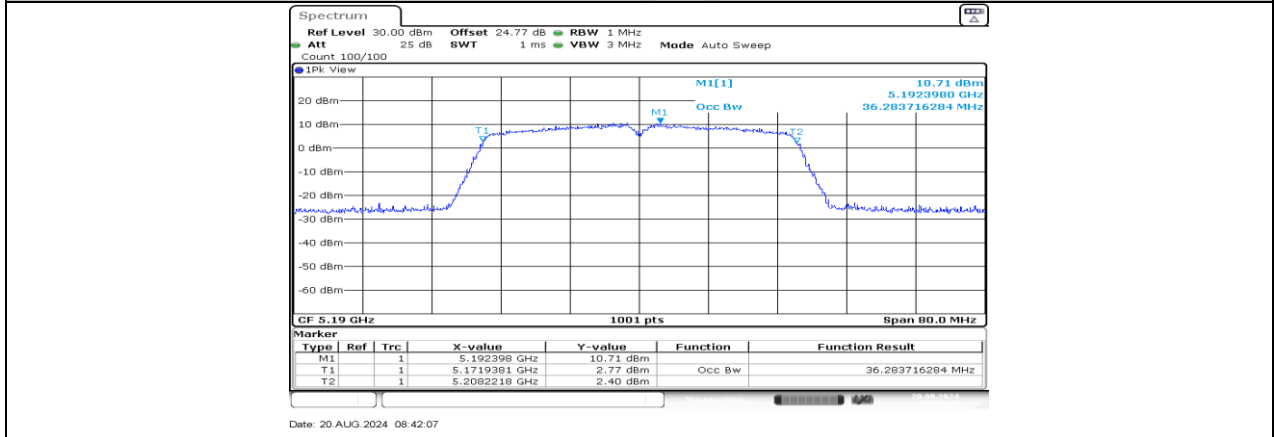
11N20MIMO_Ant1_5825



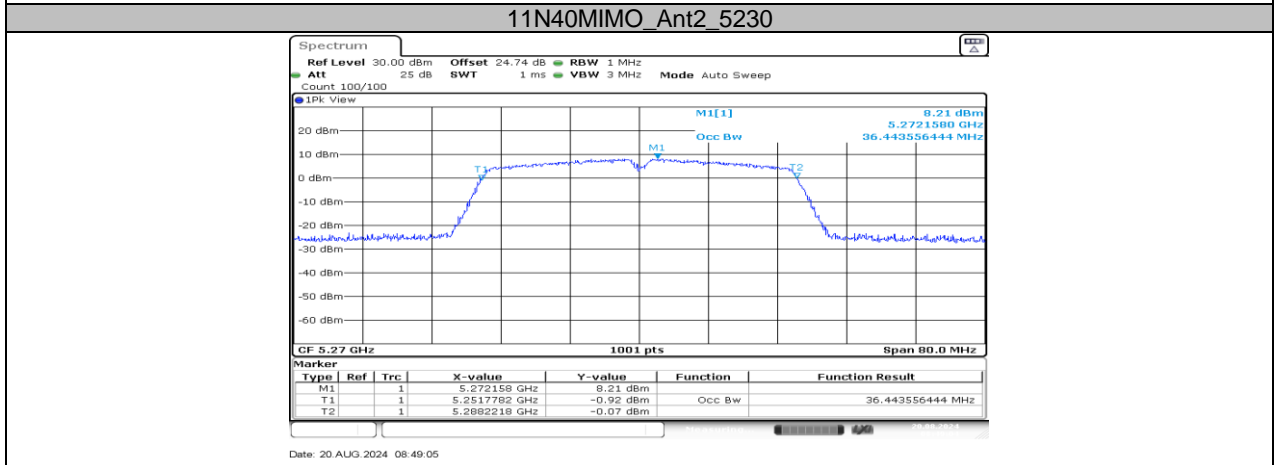
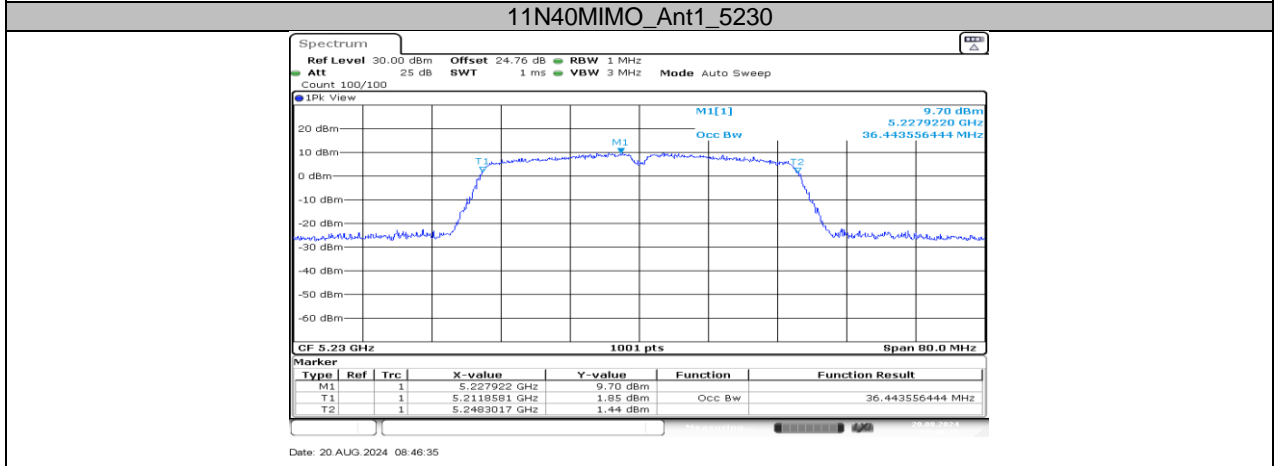
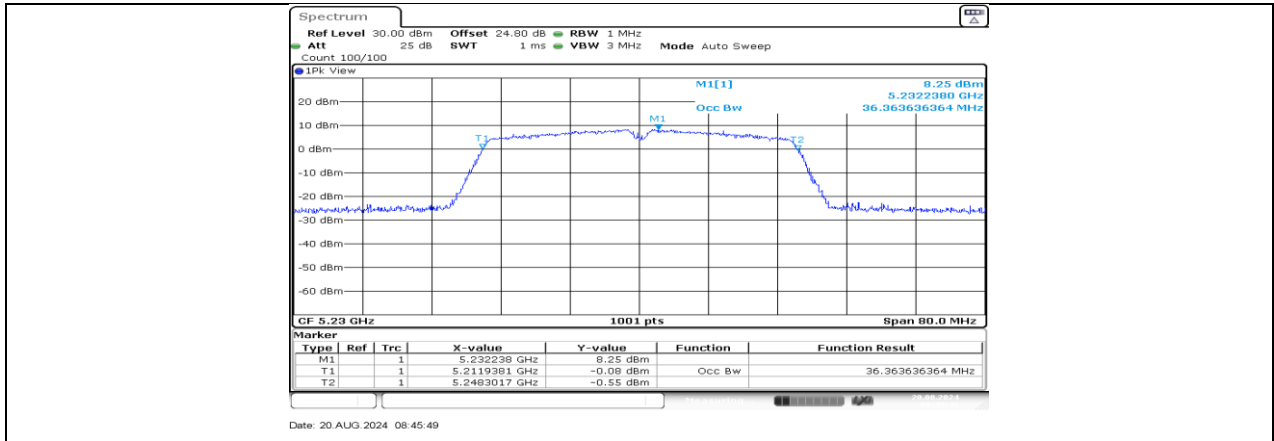
11N20MIMO_Ant2_5825

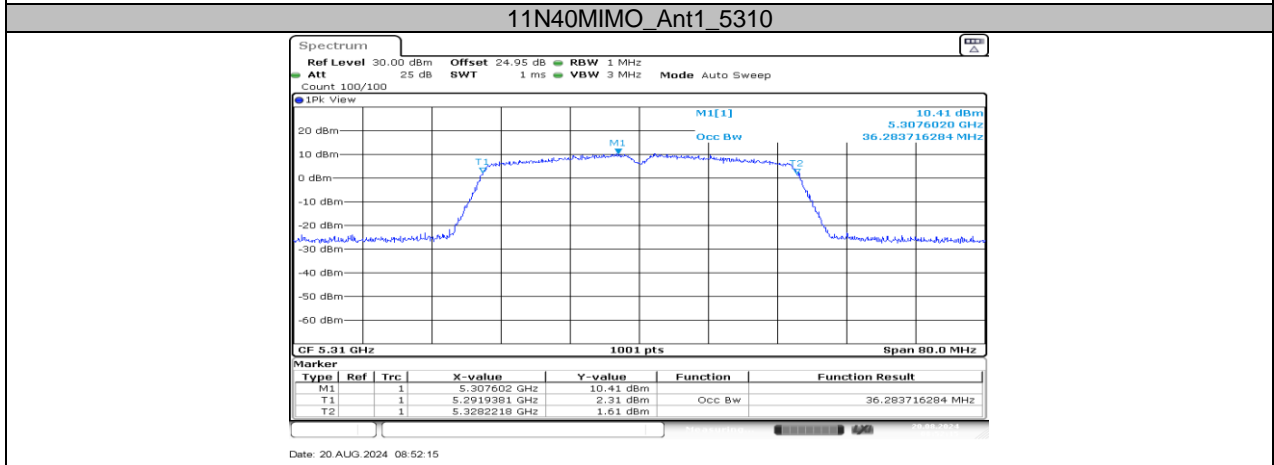
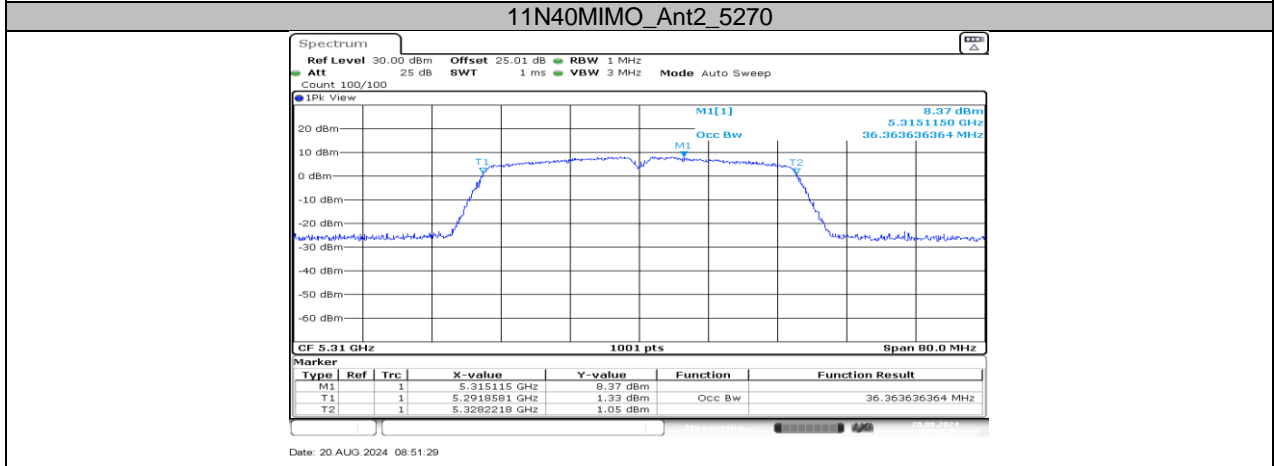
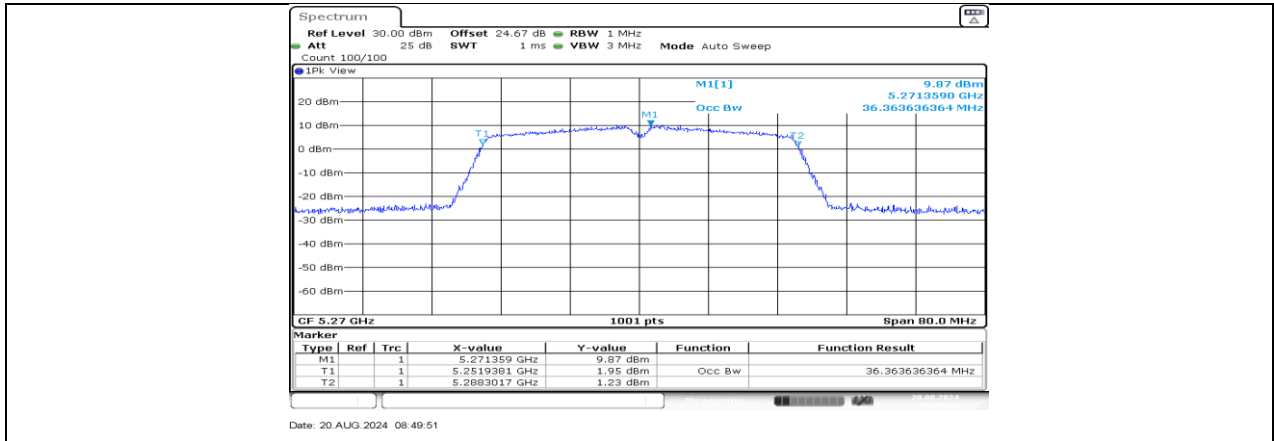


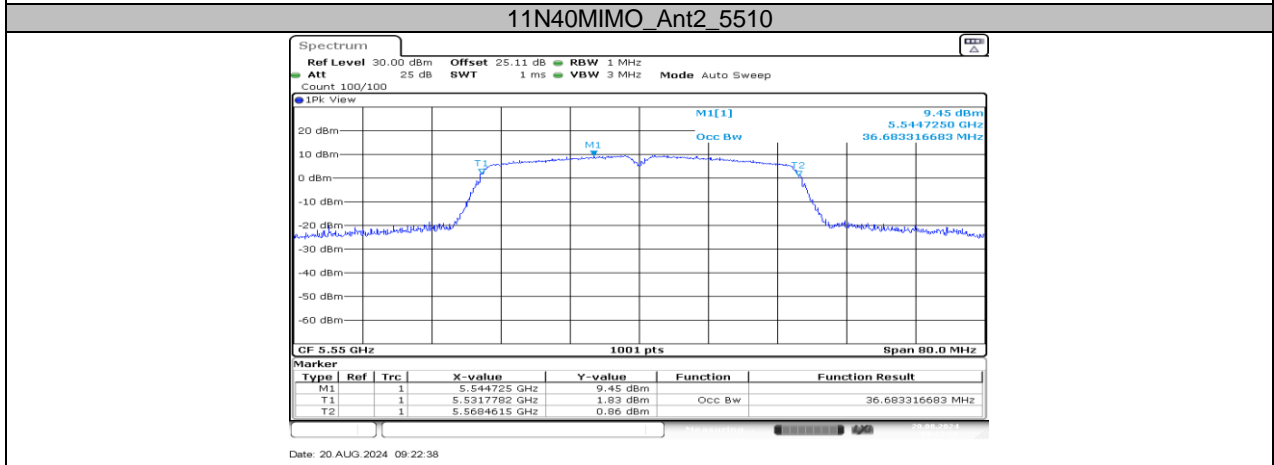
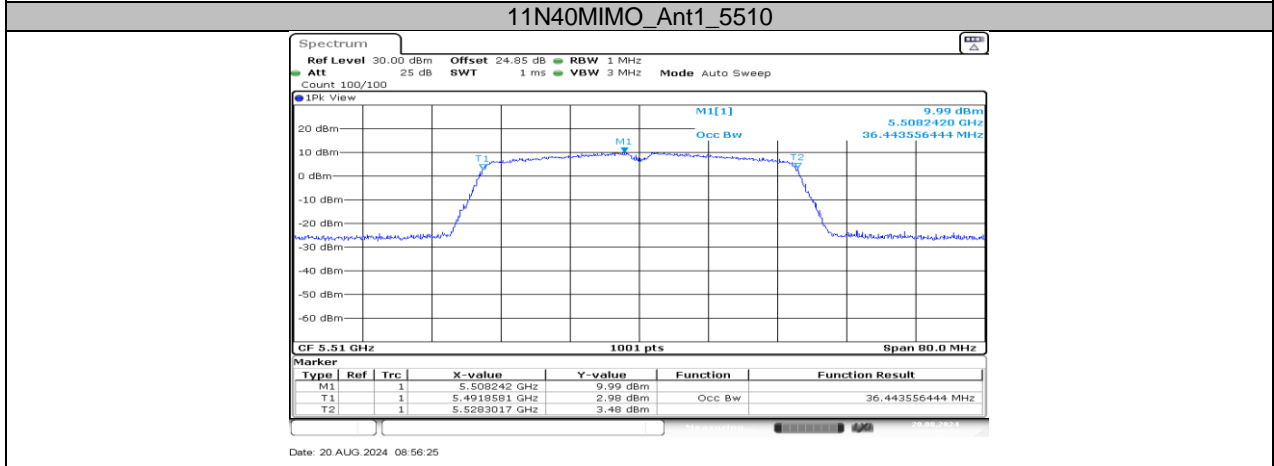
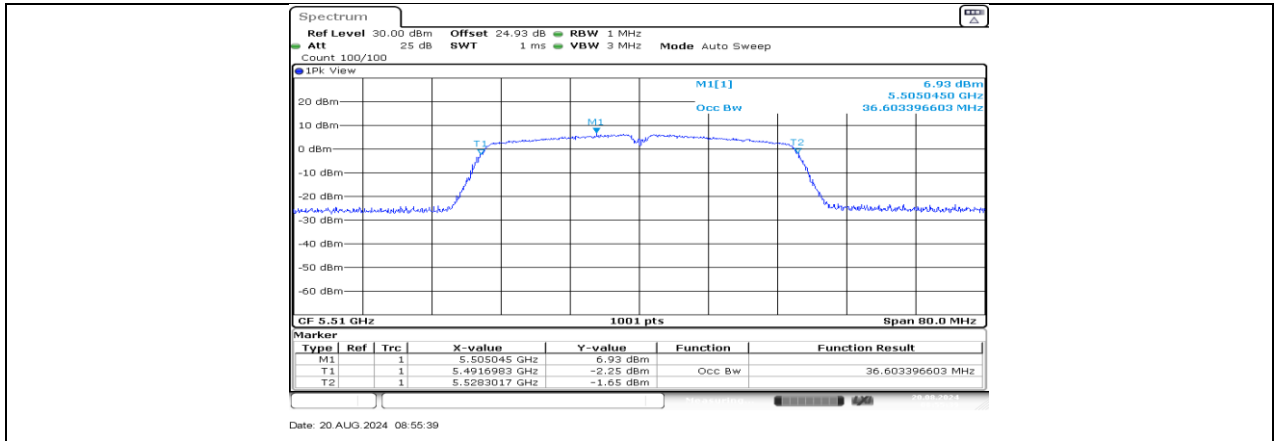
11N40MIMO_Ant1_5190

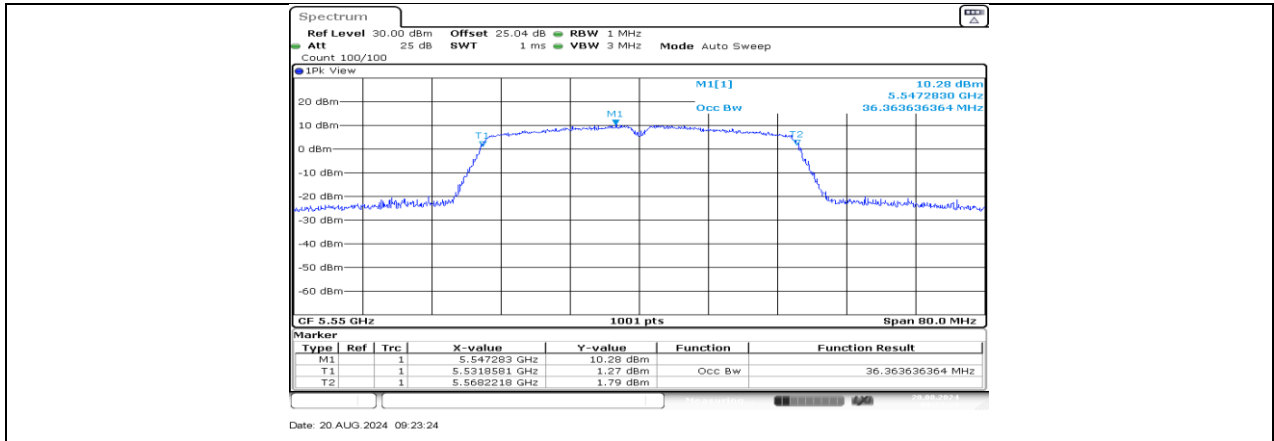


11N40MIMO_Ant2_5190

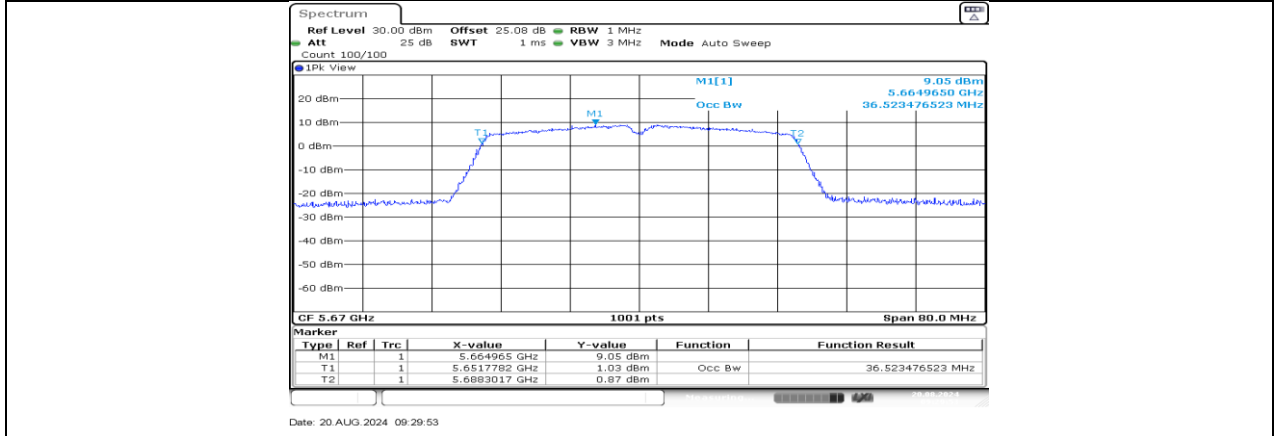




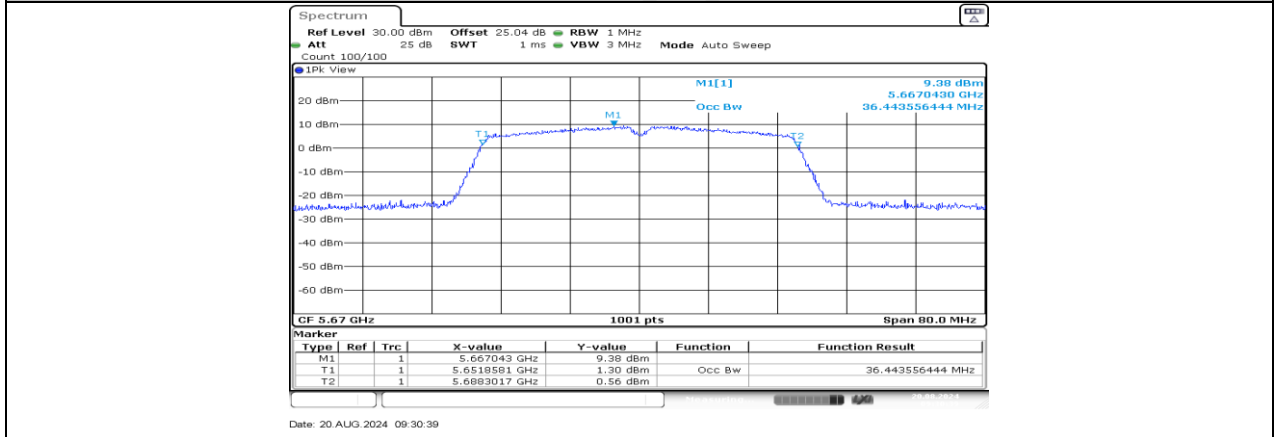




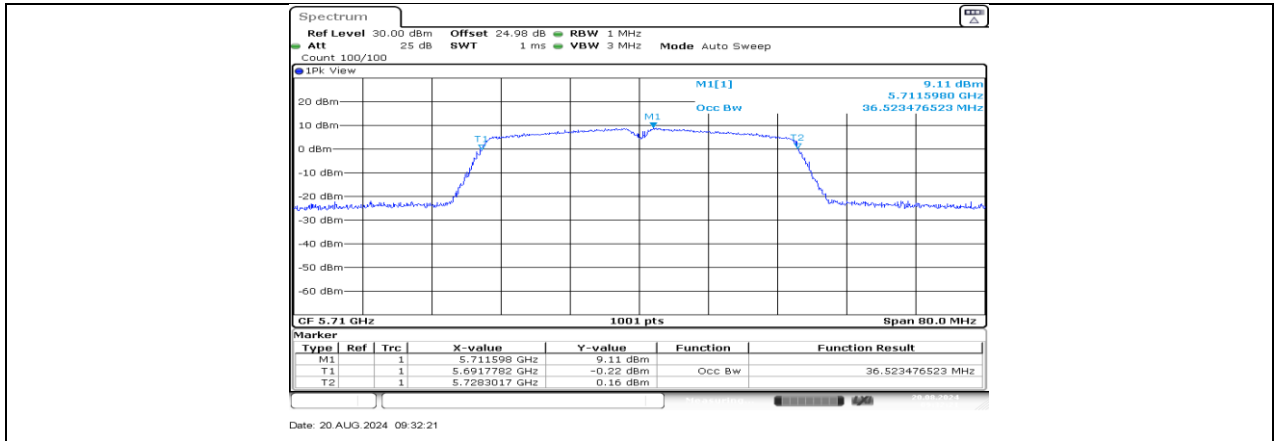
11N40MIMO_Ant2_5550



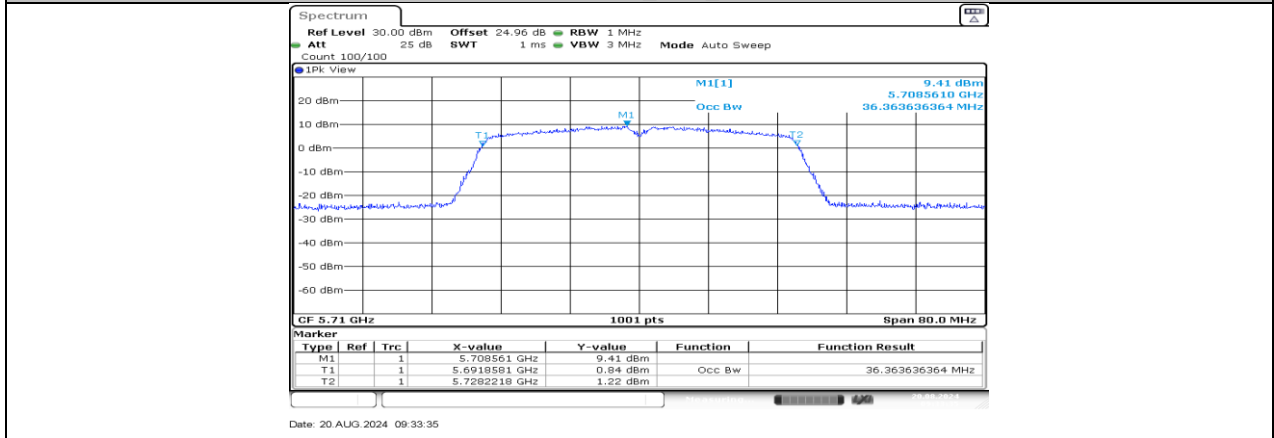
11N40MIMO_Ant1_5670



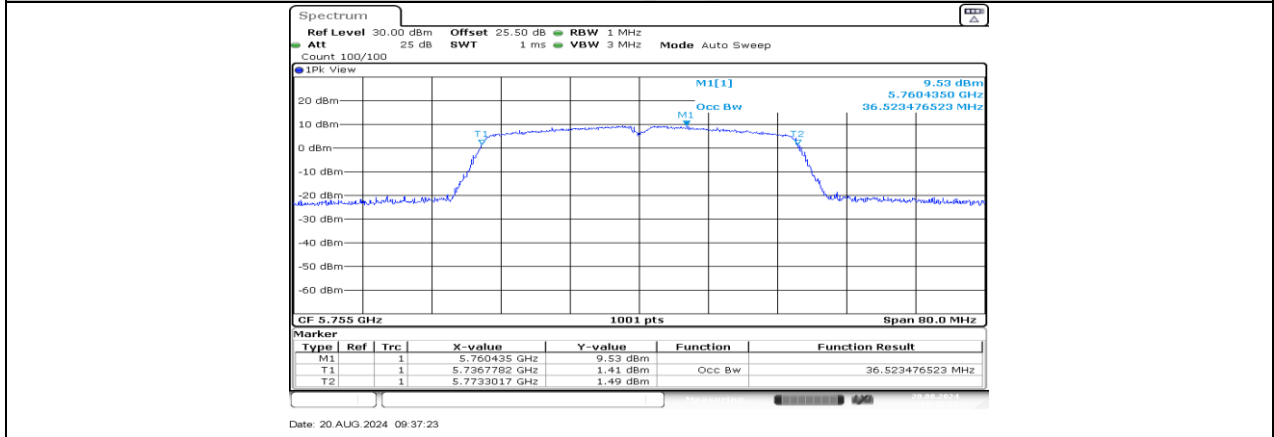
11N40MIMO_Ant2_5670



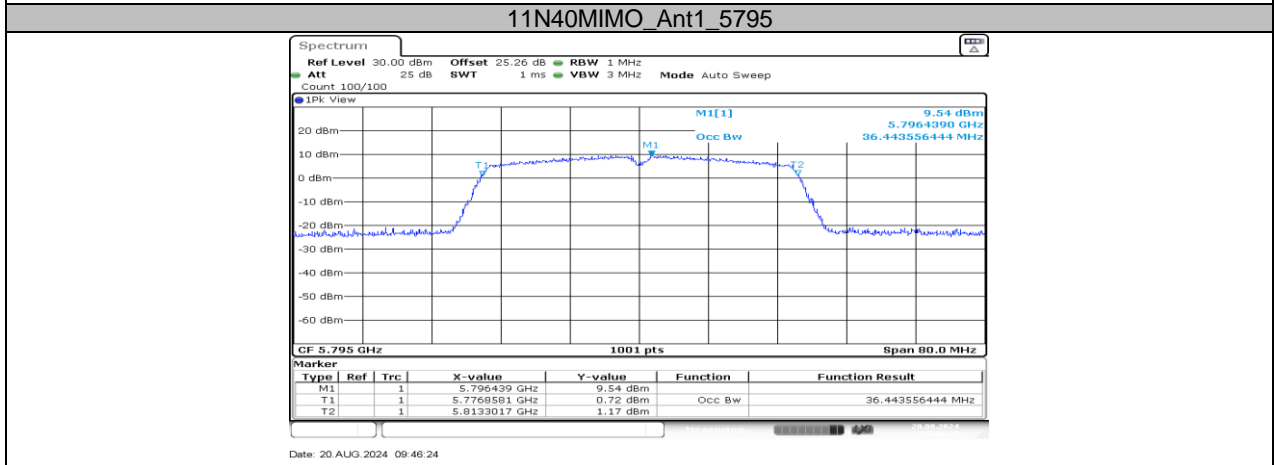
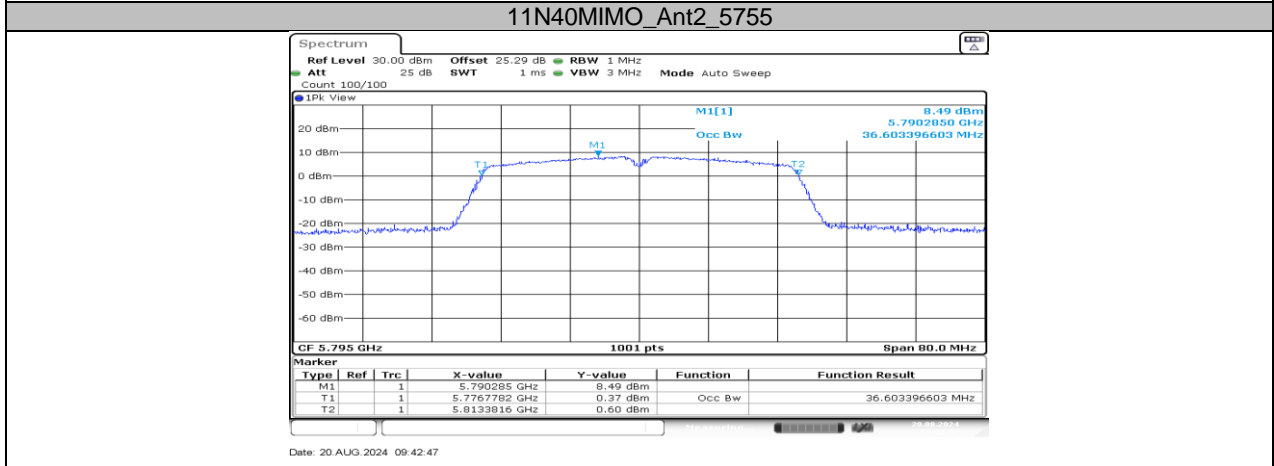
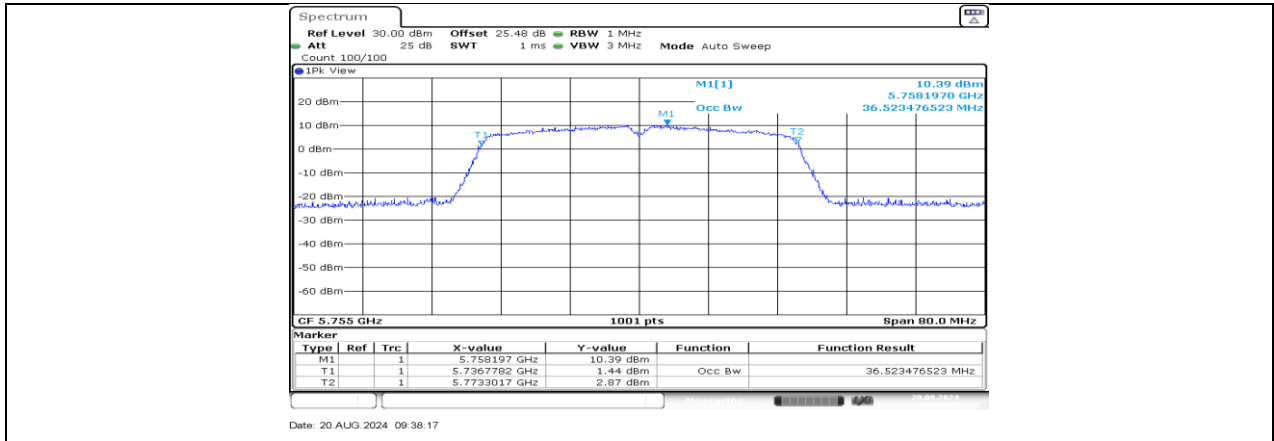
11N40MIMO_Ant1_5710

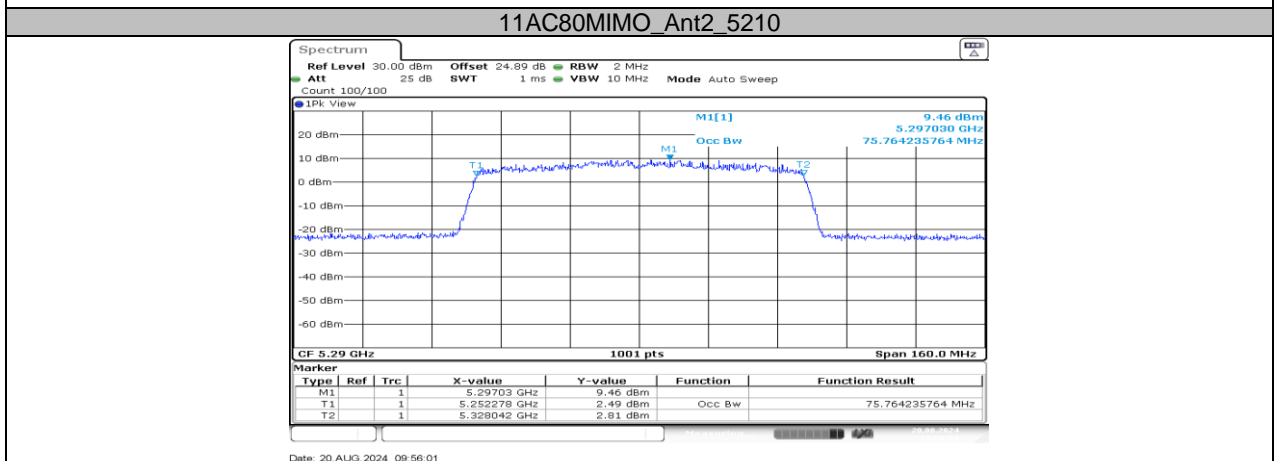
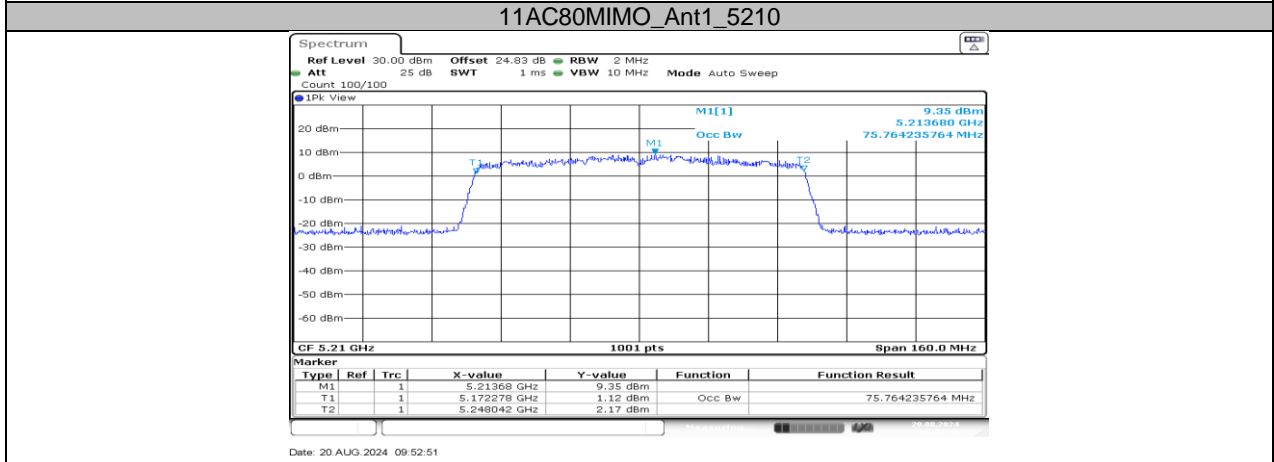
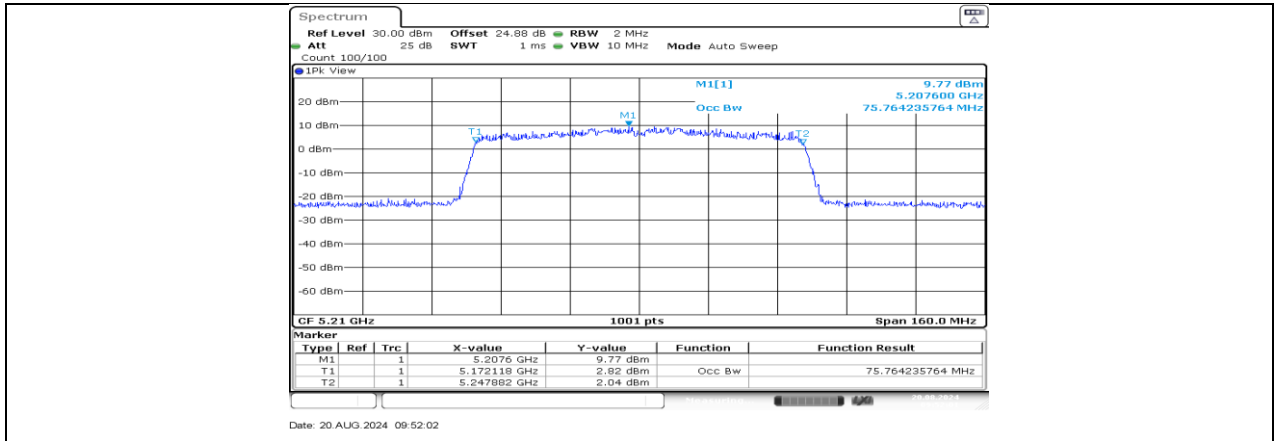


11N40MIMO_Ant2_5710

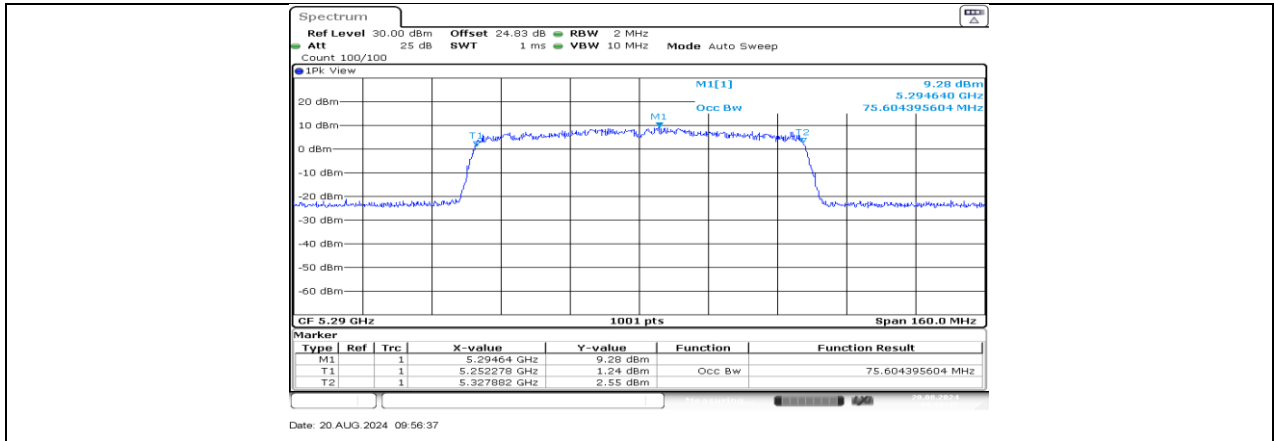


11N40MIMO_Ant1_5755

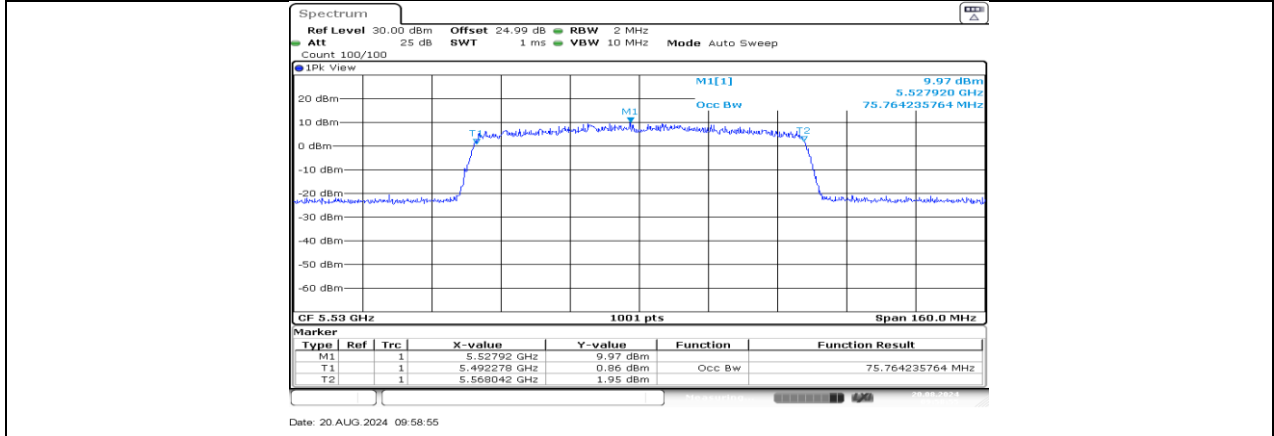




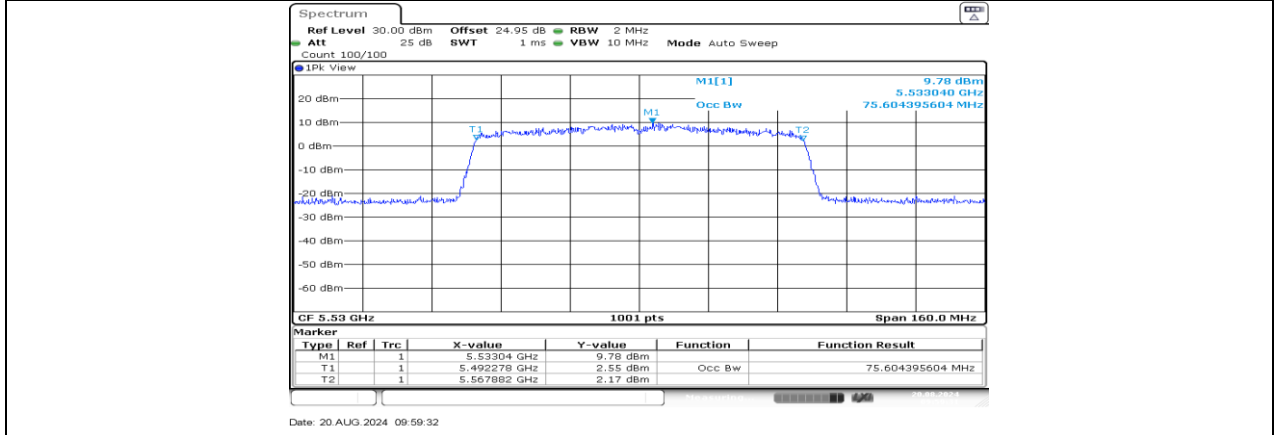
11AC80MIMO_Ant1_5290



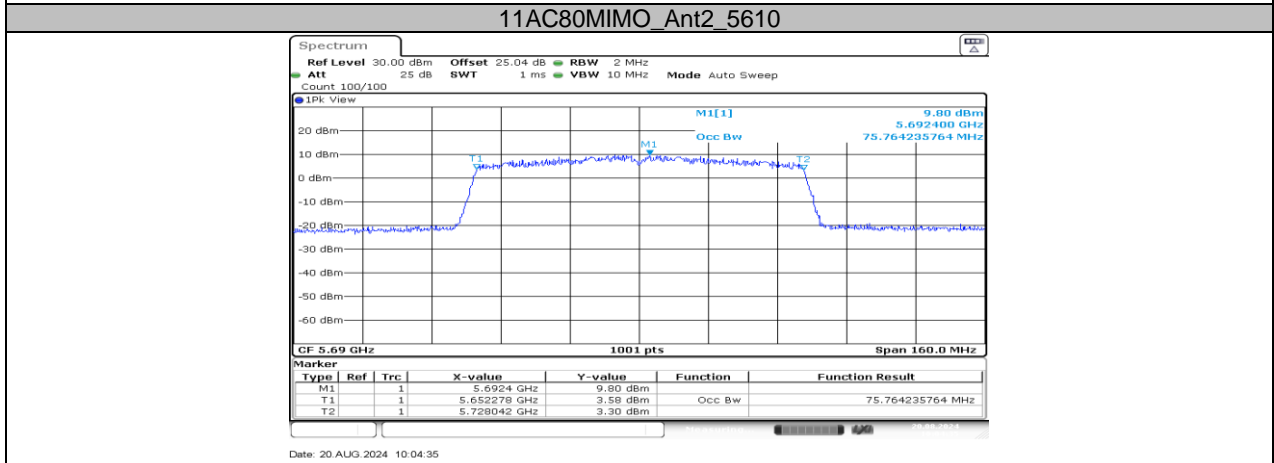
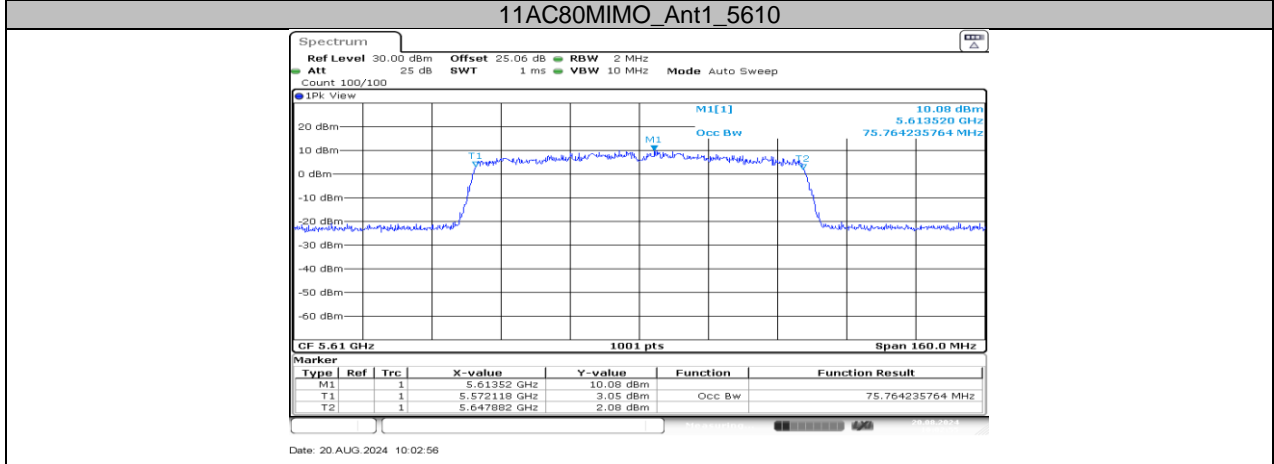
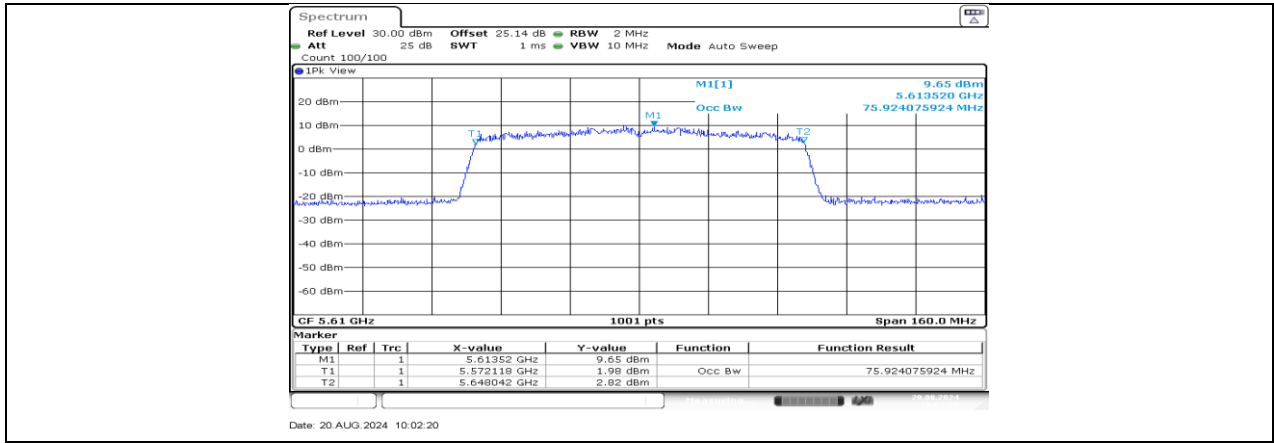
11AC80MIMO_Ant2_5290

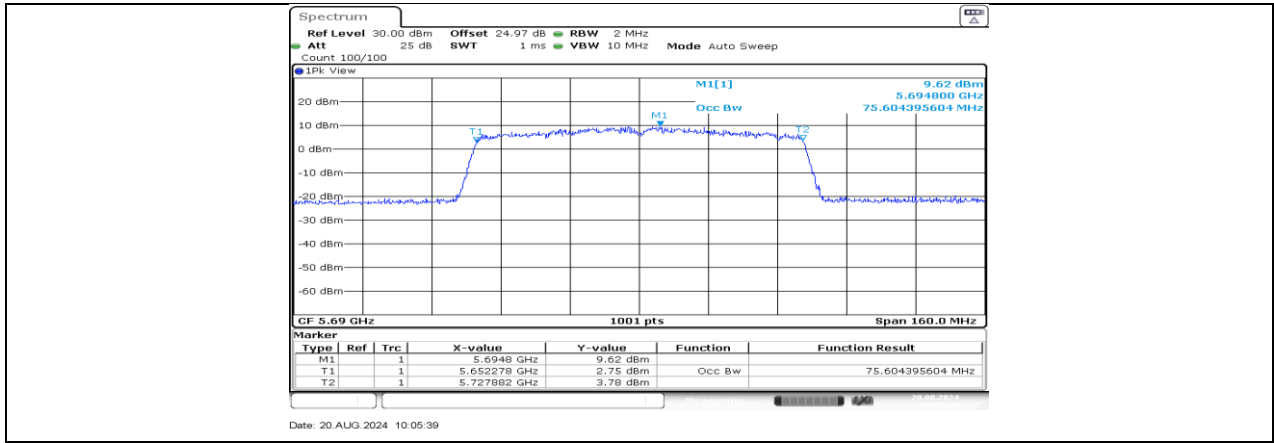


11AC80MIMO_Ant1_5530

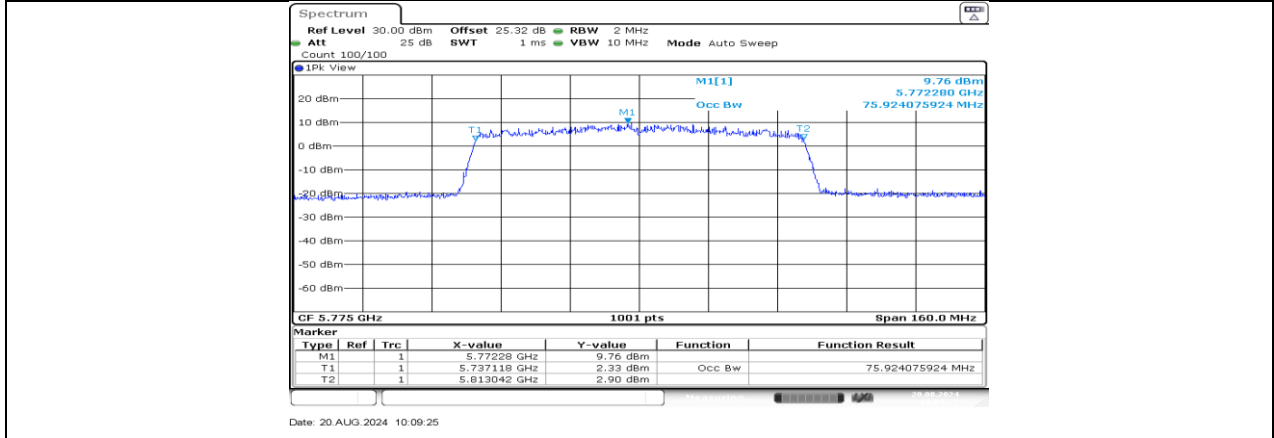


11AC80MIMO_Ant2_5530

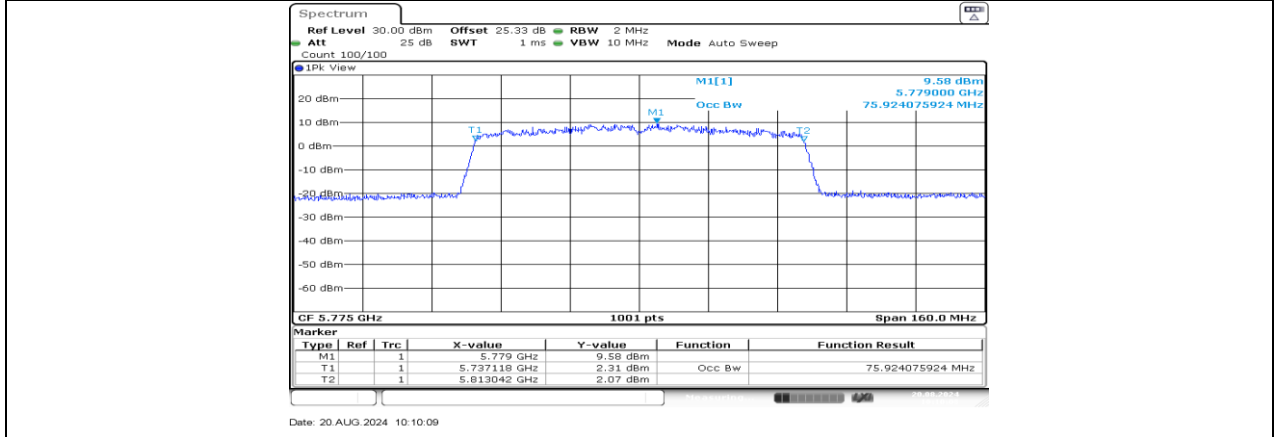




11AC80MIMO_Ant2_5690



11AC80MIMO_Ant1_5775



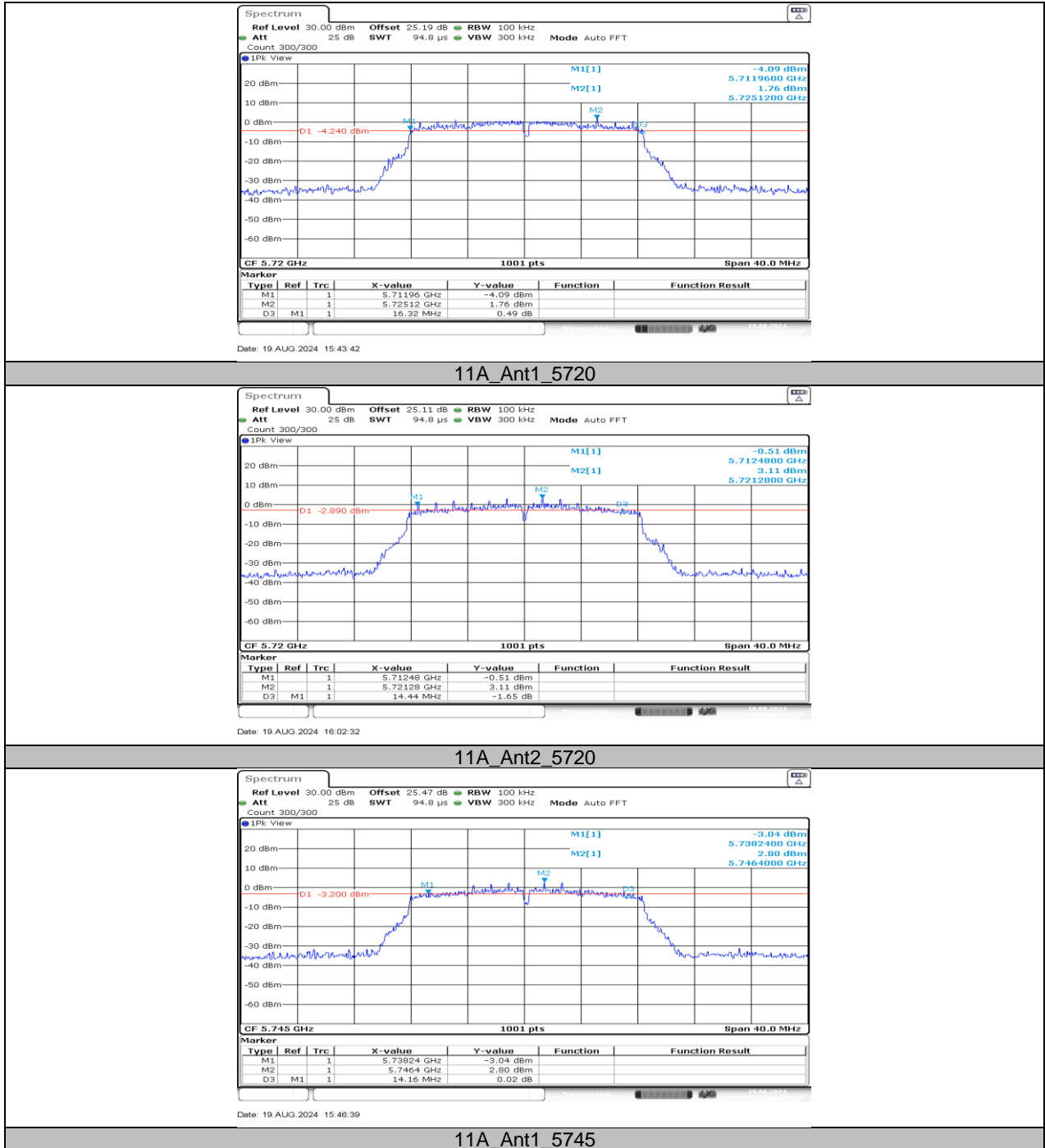
11AC80MIMO_Ant2_5775

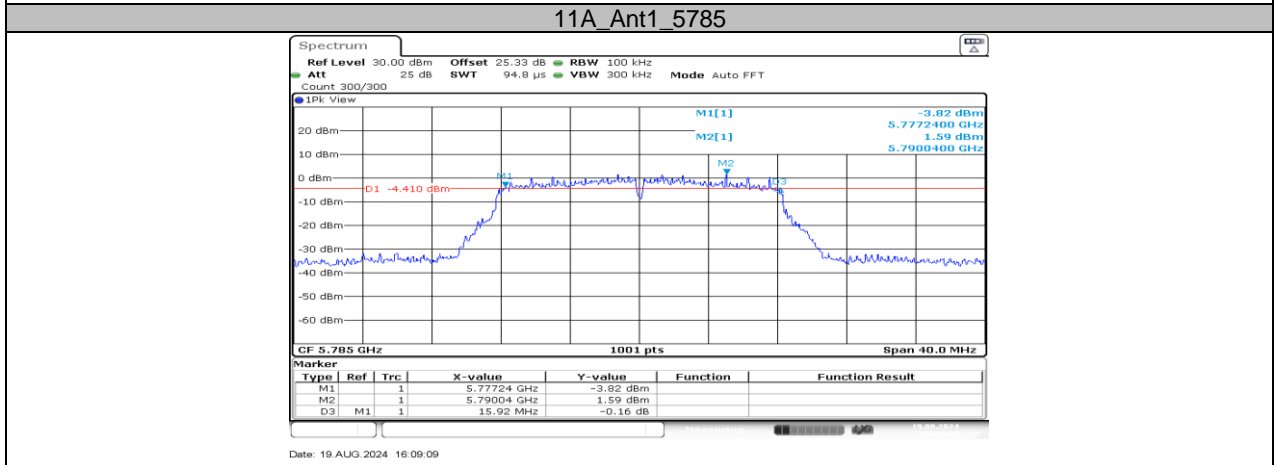
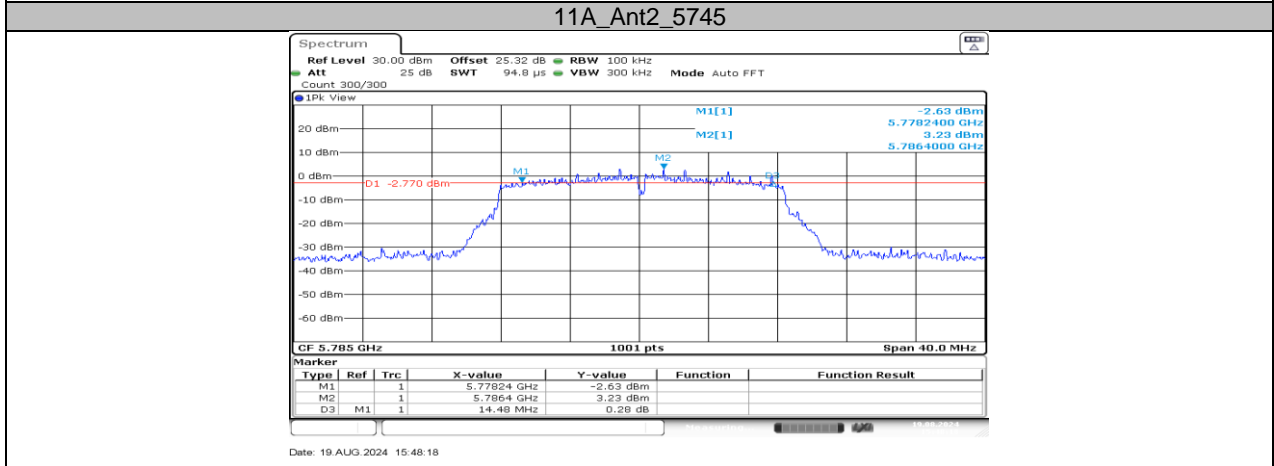
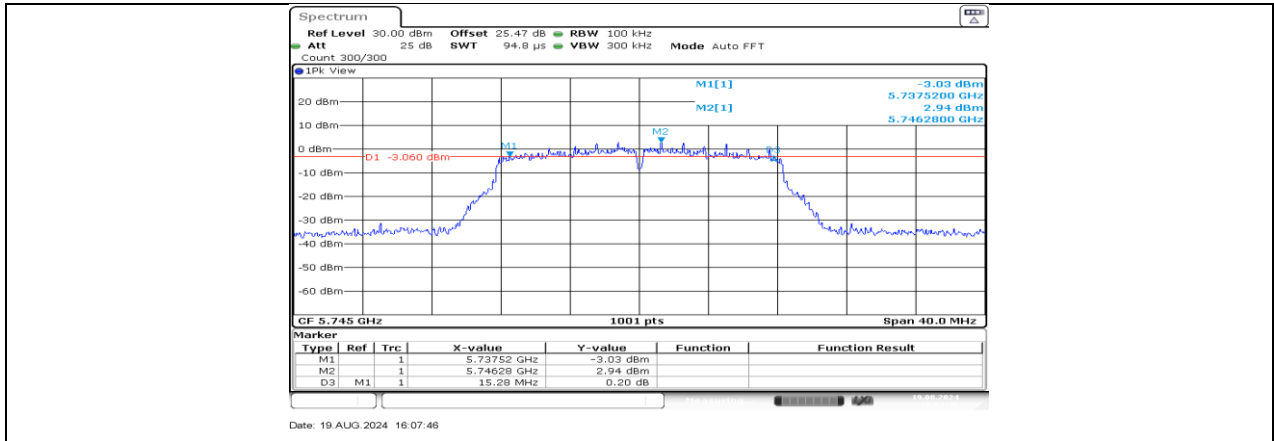
11.3. APPENDIX C: MIN EMISSION BANDWIDTH

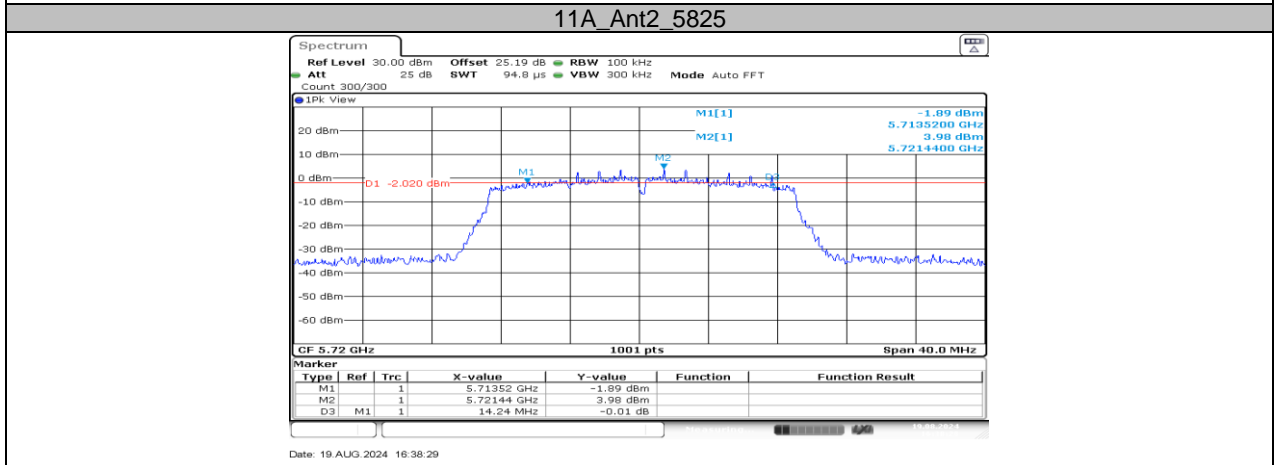
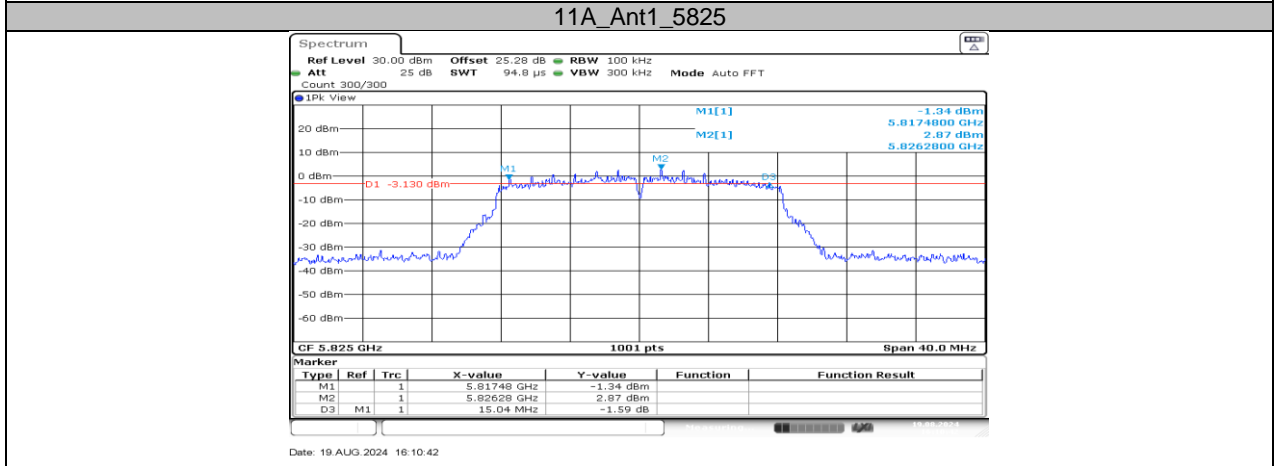
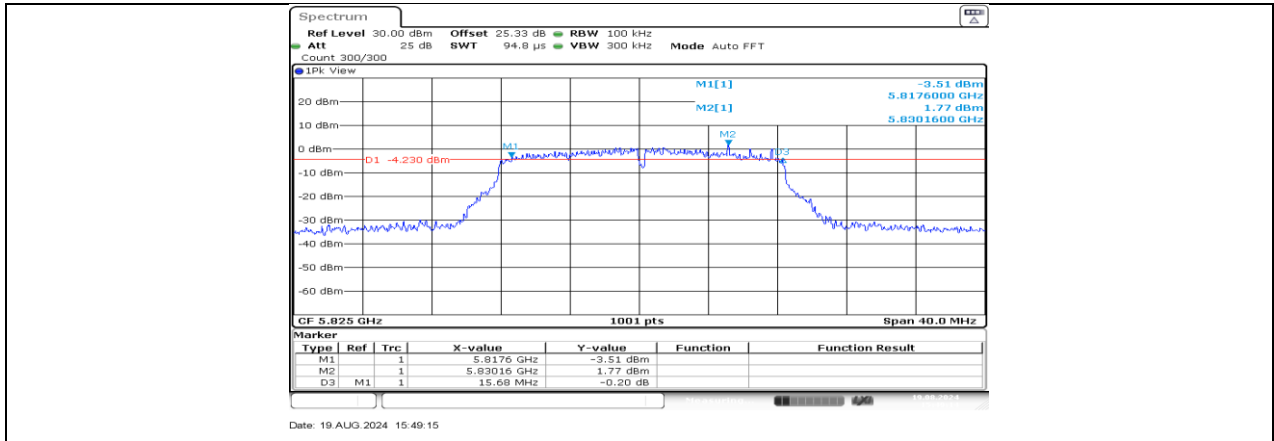
11.3.1. Test Result

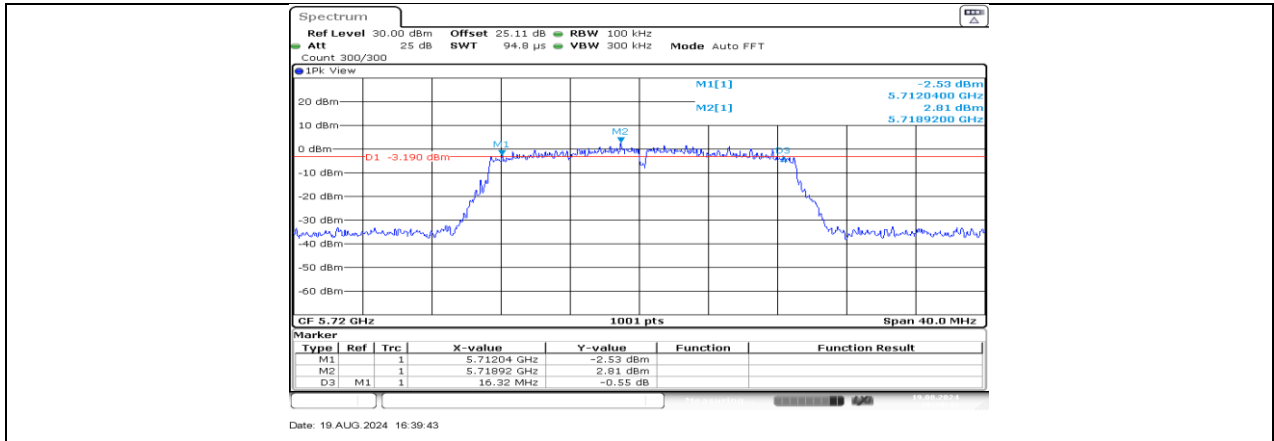
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	16.32	5711.96	5728.28	≥0.5	PASS
	Ant2	5720	14.44	5712.48	5726.92	≥0.5	PASS
	Ant1	5720_UNII-3	3.28	5725	5728.28	≥0.5	PASS
	Ant2	5720_UNII-3	1.92	5725	5726.92	≥0.5	PASS
	Ant1	5745	14.16	5738.24	5752.40	≥0.5	PASS
	Ant2	5745	15.28	5737.52	5752.80	≥0.5	PASS
	Ant1	5785	14.48	5778.24	5792.72	≥0.5	PASS
	Ant2	5785	15.92	5777.24	5793.16	≥0.5	PASS
	Ant1	5825	15.68	5817.60	5833.28	≥0.5	PASS
Ant2	5825	15.04	5817.48	5832.52	≥0.5	PASS	
11N20MIMO	Ant1	5720	14.24	5713.52	5727.76	≥0.5	PASS
	Ant2	5720	16.32	5712.04	5728.36	≥0.5	PASS
	Ant1	5720_UNII-3	2.76	5725	5727.76	≥0.5	PASS
	Ant2	5720_UNII-3	3.36	5725	5728.36	≥0.5	PASS
	Ant1	5745	17.56	5736.40	5753.96	≥0.5	PASS
	Ant2	5745	15.68	5737.04	5752.72	≥0.5	PASS
	Ant1	5785	14.68	5778.04	5792.72	≥0.5	PASS
	Ant2	5785	16.92	5777.04	5793.96	≥0.5	PASS
	Ant1	5825	15.08	5817.68	5832.76	≥0.5	PASS
Ant2	5825	17.56	5816.44	5834.00	≥0.5	PASS	
11N40MIMO	Ant1	5710	35.12	5692.48	5727.60	≥0.5	PASS
	Ant2	5710	35.12	5692.48	5727.60	≥0.5	PASS
	Ant1	5710_UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant2	5710_UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant1	5755	35.12	5737.48	5772.60	≥0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	≥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	≥0.5	PASS
	Ant2	5690	75.20	5652.40	5727.60	≥0.5	PASS
	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

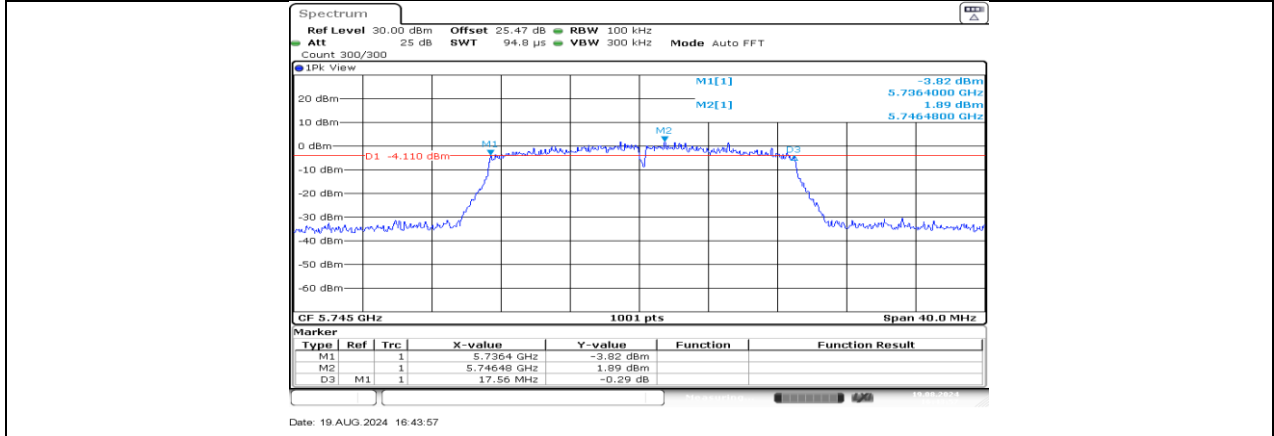




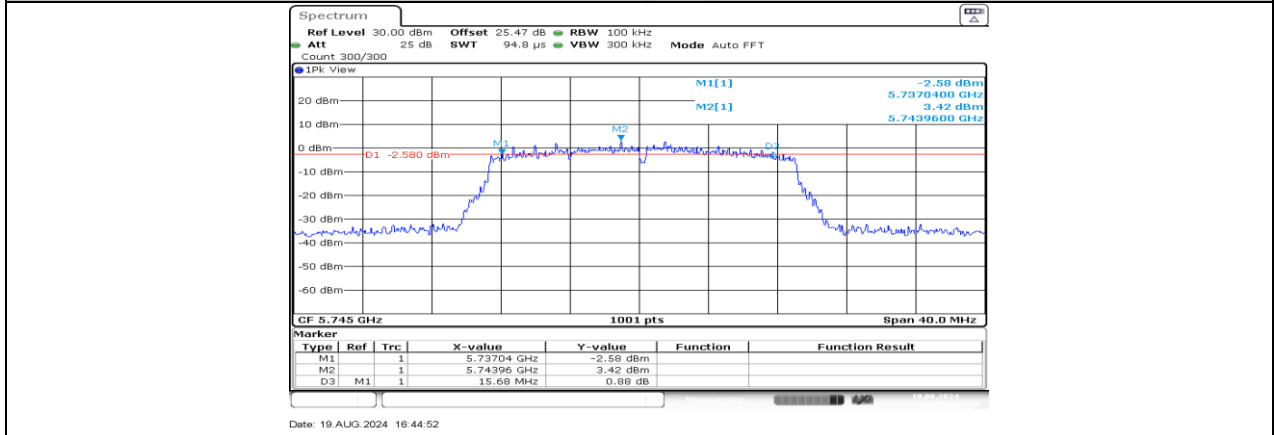




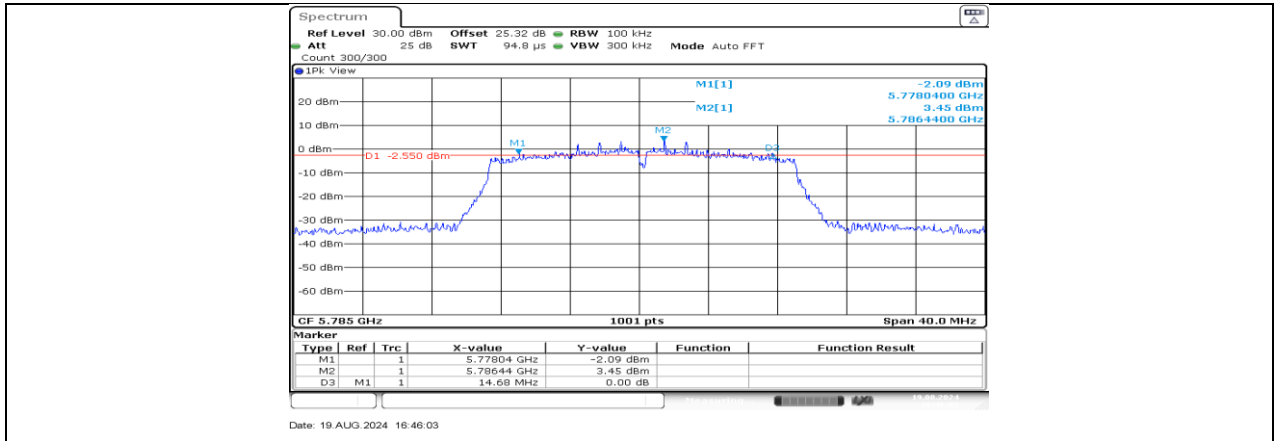
11N20MIMO_Ant2_5720



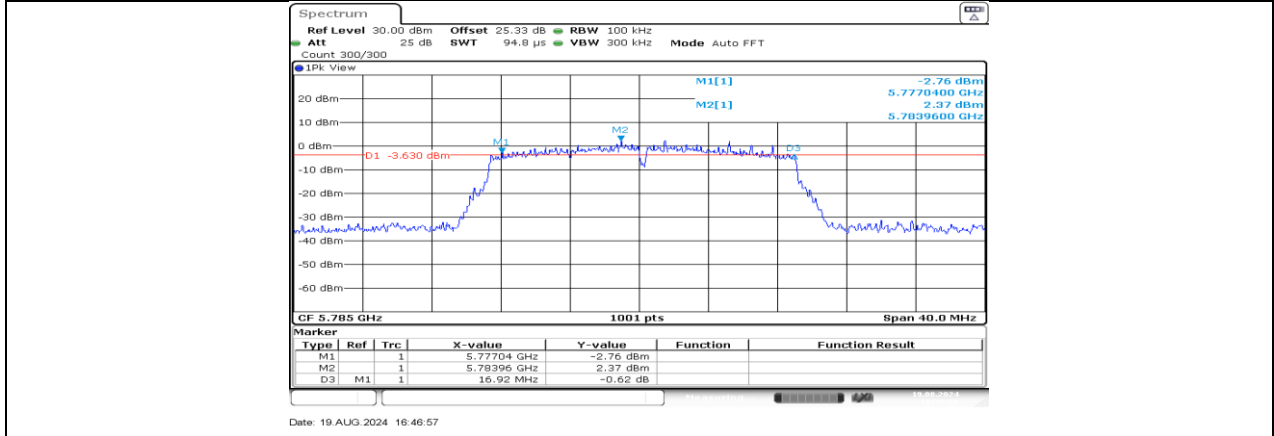
11N20MIMO_Ant1_5745



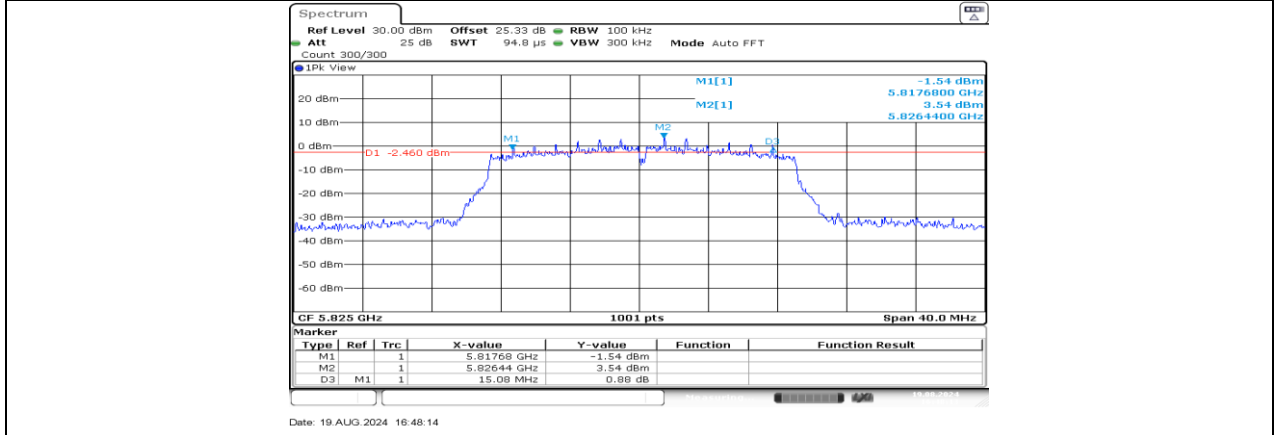
11N20MIMO_Ant2_5745



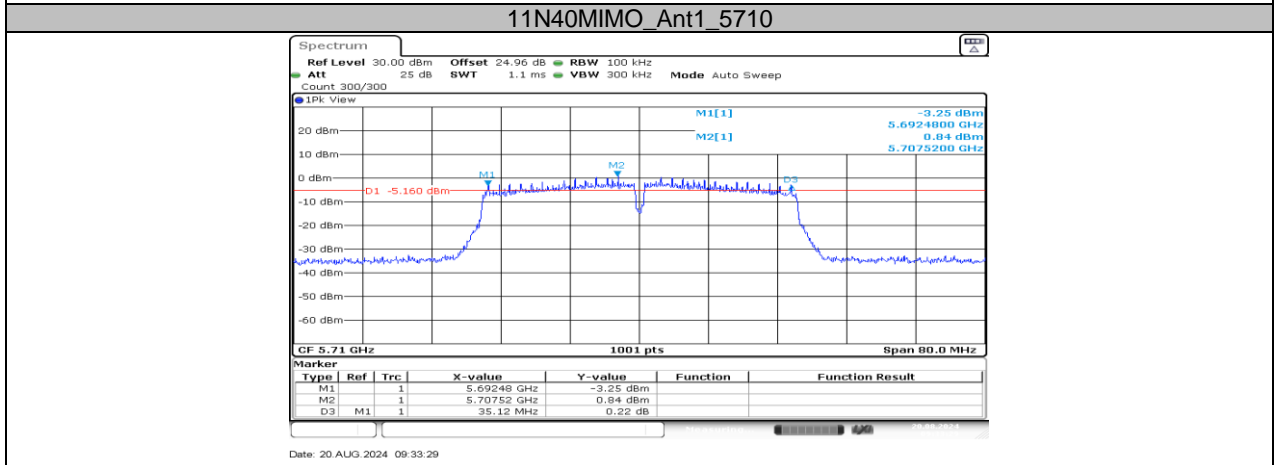
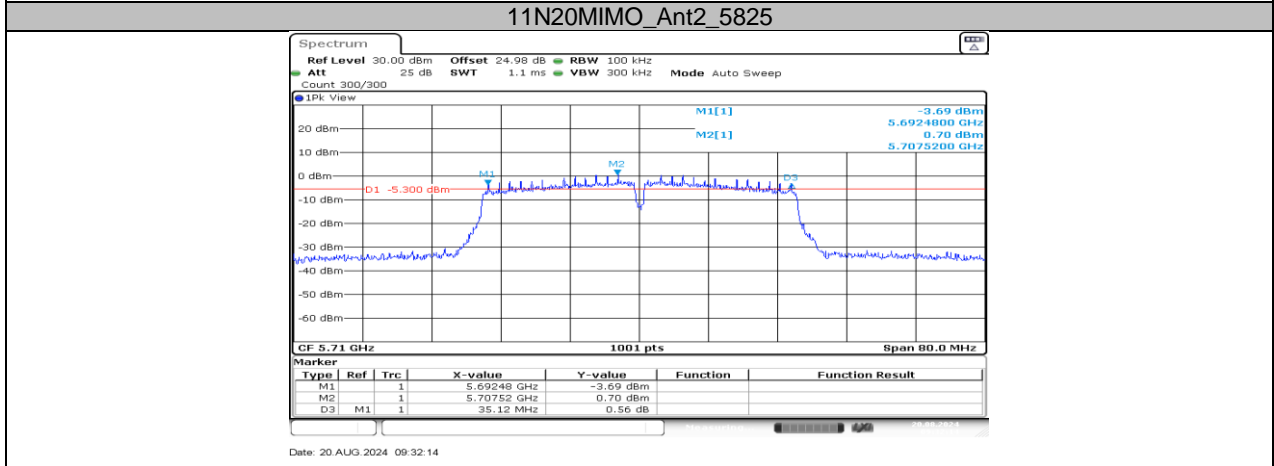
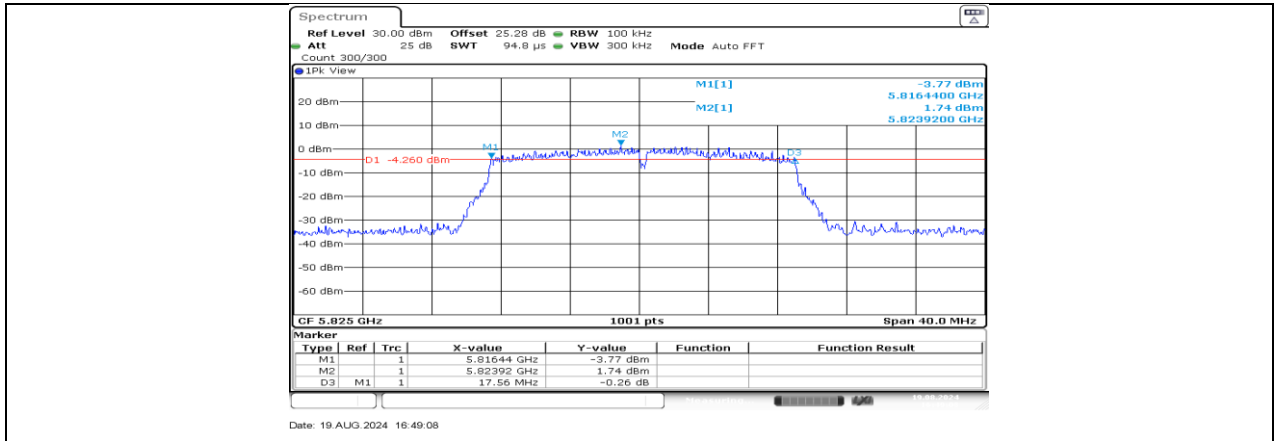
11N20MIMO_Ant1_5785

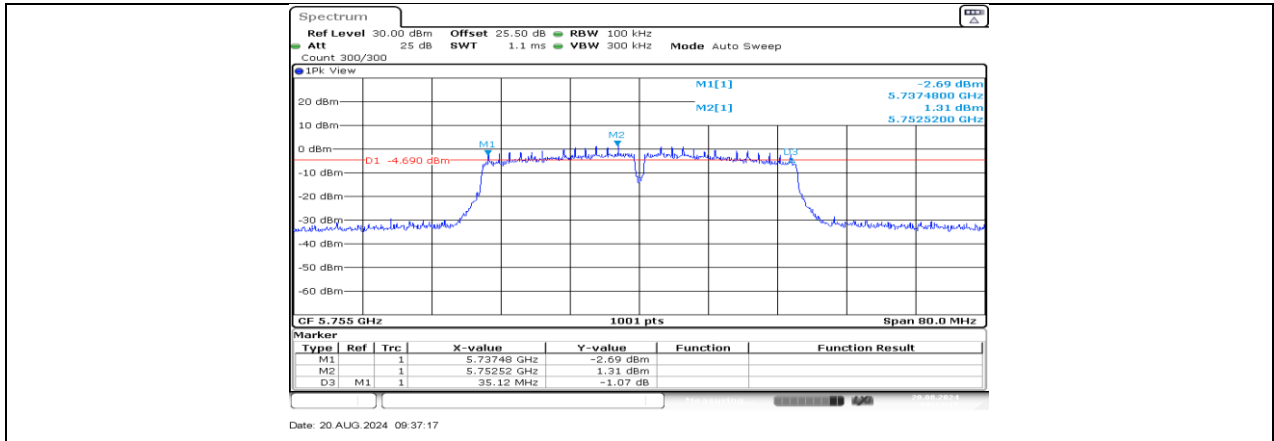


11N20MIMO_Ant2_5785

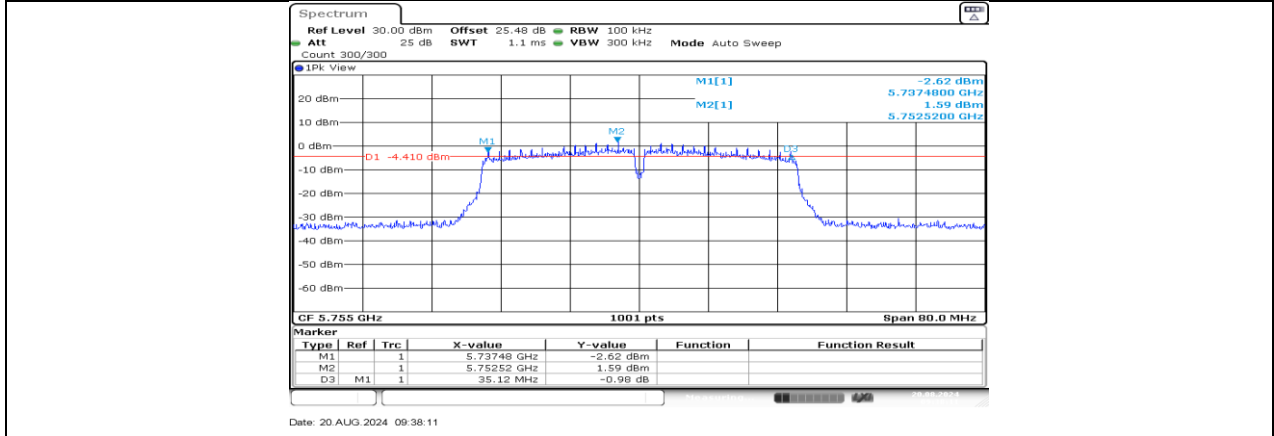


11N20MIMO_Ant1_5825

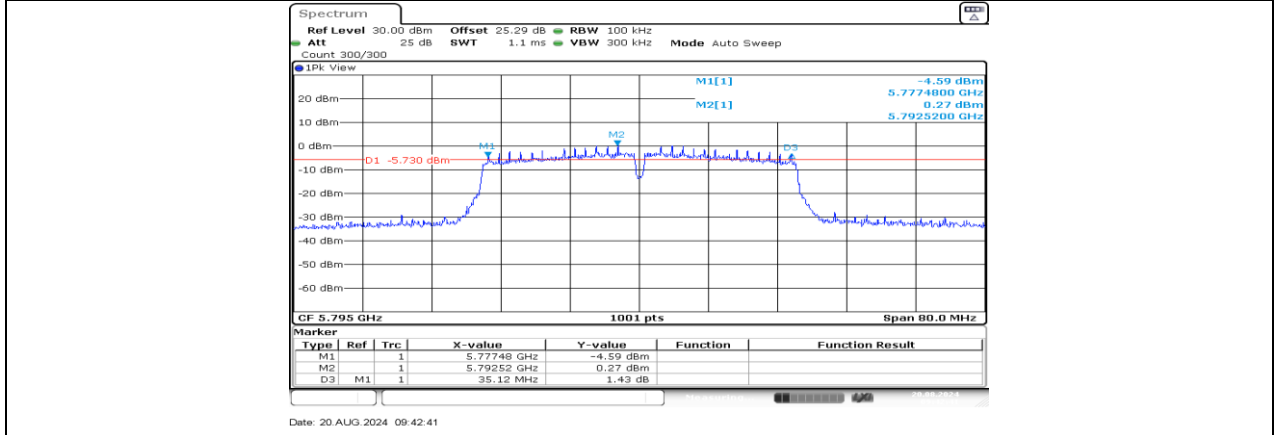




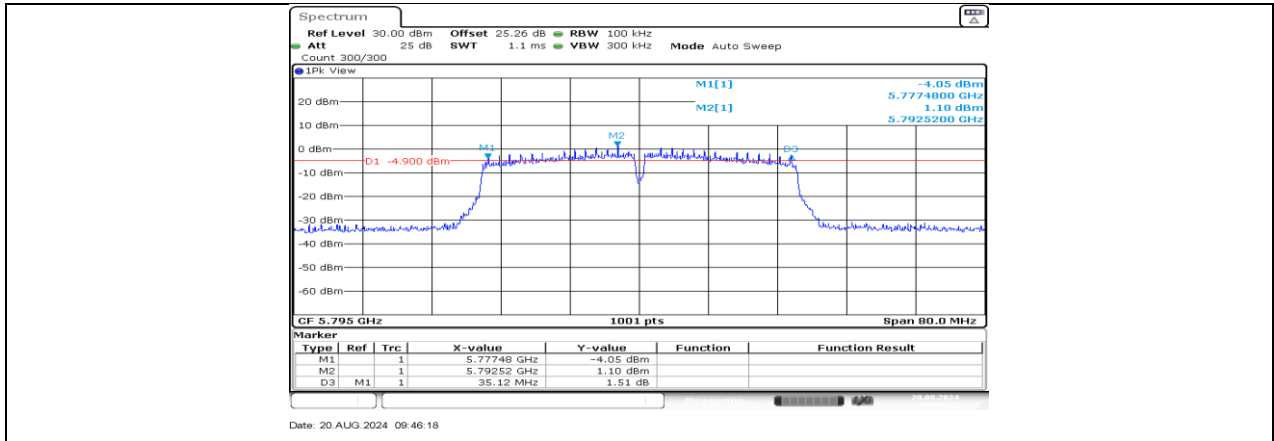
11N40MIMO_Ant1_5755



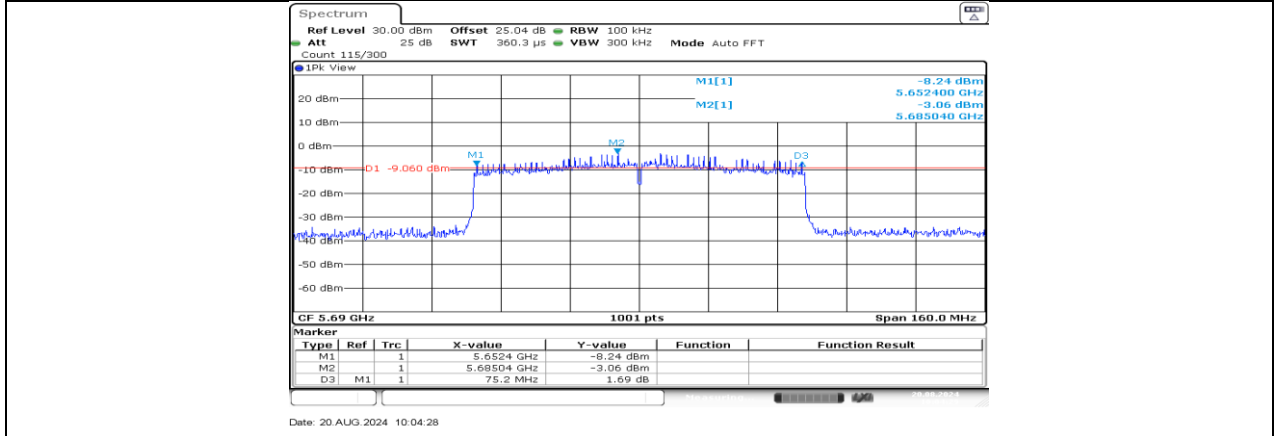
11N40MIMO_Ant2_5755



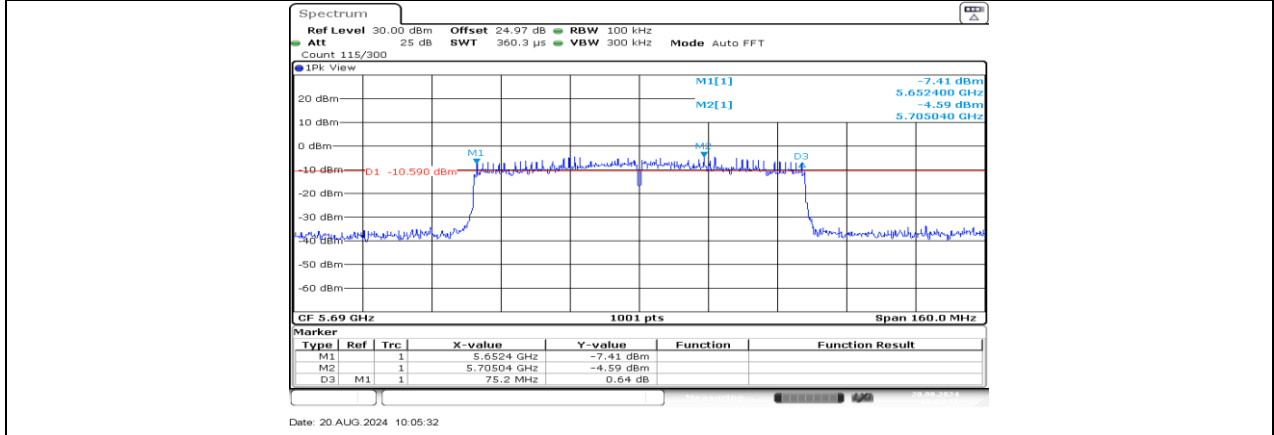
11N40MIMO_Ant1_5795



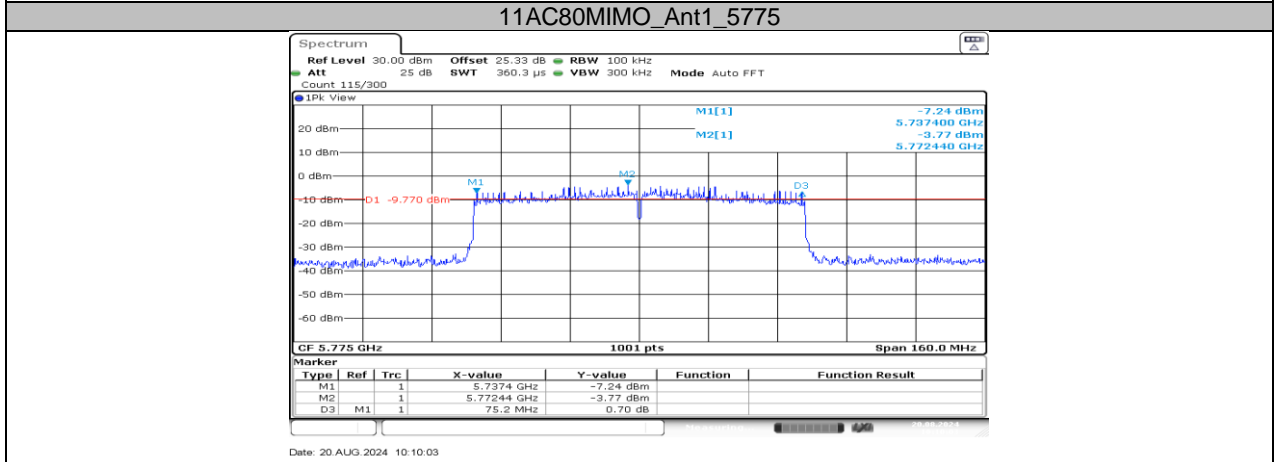
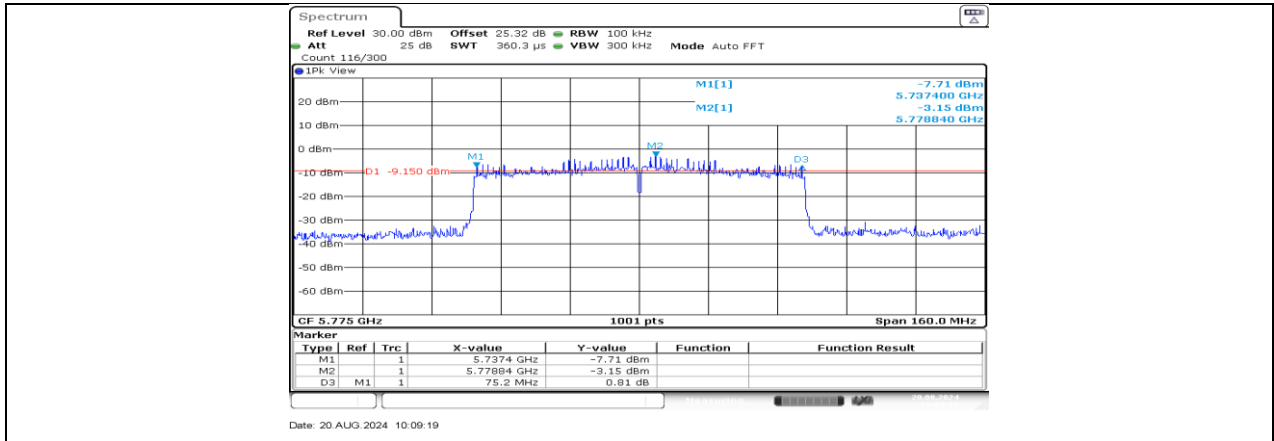
11N40MIMO_Ant2_5795



11AC80MIMO_Ant1_5690



11AC80MIMO_Ant2_5690



11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

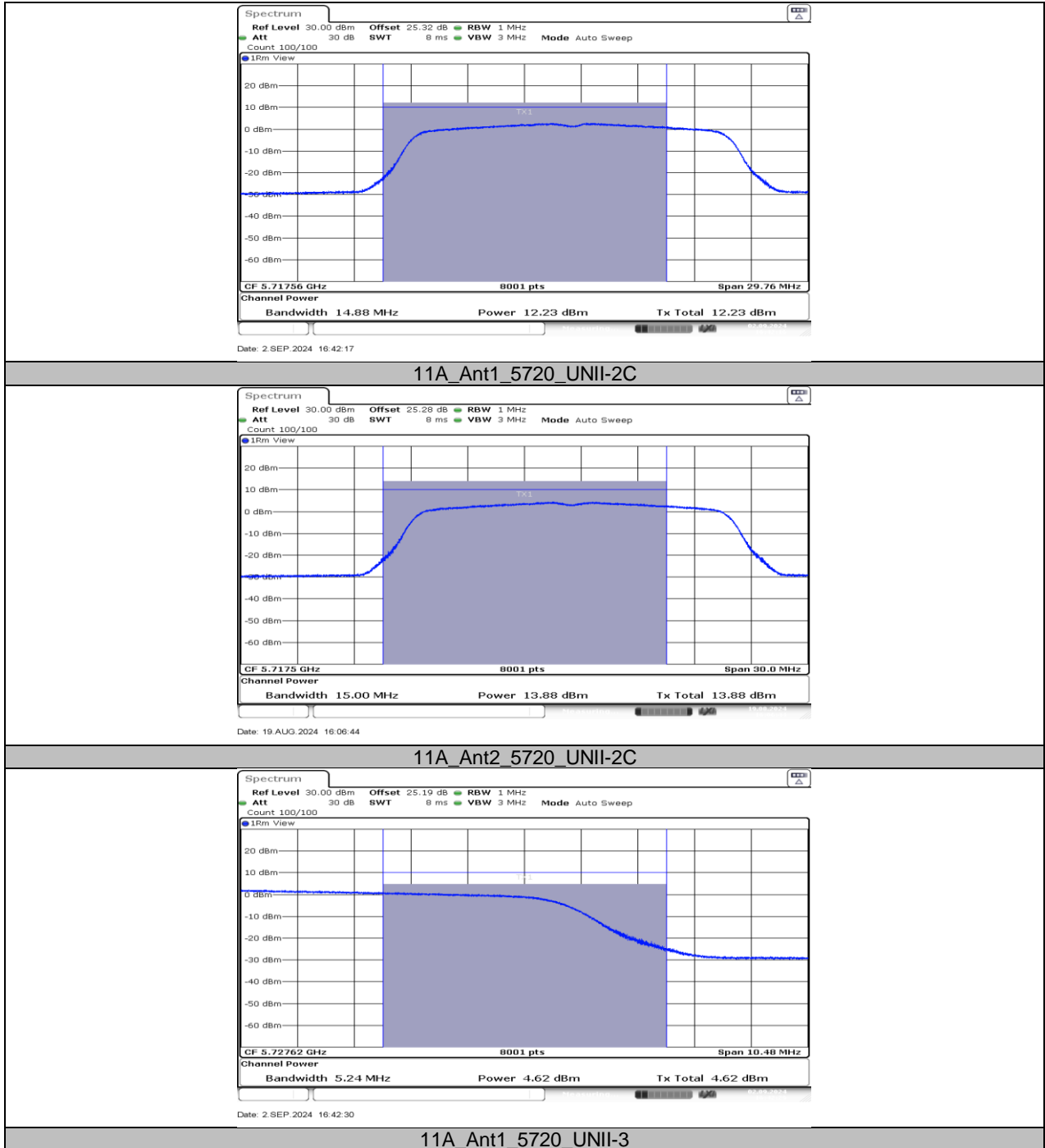
Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	Verdict	
11A	Ant1	5180	14.11	≤23.98	PASS	
	Ant2	5180	14.09	≤23.98	PASS	
	Ant1	5200	14.11	≤23.98	PASS	
	Ant2	5200	13.99	≤23.98	PASS	
	Ant1	5240	14.05	≤23.98	PASS	
	Ant2	5240	14.11	≤23.98	PASS	
	Ant1	5260	14.17	≤23.98	PASS	
	Ant2	5260	14.04	≤23.98	PASS	
	Ant1	5280	14.29	≤23.98	PASS	
	Ant2	5280	14.29	≤23.98	PASS	
	Ant1	5320	14.24	≤23.98	PASS	
	Ant2	5320	13.94	≤23.98	PASS	
	Ant1	5500	12.78	≤23.98	PASS	
	Ant2	5500	14.00	≤23.98	PASS	
	Ant1	5580	13.06	≤23.98	PASS	
	Ant2	5580	14.02	≤23.98	PASS	
	Ant1	5700	12.78	≤23.98	PASS	
	Ant2	5700	13.96	≤23.98	PASS	
	Ant1	5720_UNII-2C	12.23	≤22.73	PASS	
	Ant2	5720_UNII-2C	13.88	≤22.76	PASS	
	Ant1	5720_UNII-3	4.62	≤30.00	PASS	
	Ant2	5720_UNII-3	6.23	≤30.00	PASS	
	Ant1	5745	14.51	≤30.00	PASS	
	Ant2	5745	14.26	≤30.00	PASS	
	Ant1	5785	14.06	≤30.00	PASS	
	Ant2	5785	13.90	≤30.00	PASS	
	Ant1	5825	14.02	≤30.00	PASS	
	Ant2	5825	13.75	≤30.00	PASS	
	11N20MIMO	Ant1	5180	14.16	≤23.98	PASS
		Ant2	5180	13.66	≤23.98	PASS
total		5180	16.93	≤23.98	PASS	
Ant1		5200	14.10	≤23.98	PASS	
Ant2		5200	13.85	≤23.98	PASS	
total		5200	16.99	≤23.98	PASS	
Ant1		5240	14.08	≤23.98	PASS	
Ant2		5240	13.72	≤23.98	PASS	
total		5240	16.91	≤23.98	PASS	
Ant1		5260	14.18	≤23.98	PASS	
Ant2		5260	13.76	≤23.98	PASS	
total		5260	16.99	≤23.98	PASS	
Ant1		5280	14.30	≤23.98	PASS	
Ant2		5280	13.87	≤23.98	PASS	
total		5280	17.10	≤23.98	PASS	
Ant1		5320	14.31	≤23.98	PASS	
Ant2		5320	14.13	≤23.98	PASS	
total		5320	17.23	≤23.98	PASS	
Ant1		5500	11.08	≤23.98	PASS	
Ant2		5500	10.02	≤23.98	PASS	
total		5500	13.59	≤23.98	PASS	
Ant1		5580	10.89	≤23.98	PASS	
Ant2		5580	10.29	≤23.98	PASS	
total		5580	13.61	≤23.98	PASS	
Ant1		5700	10.79	≤23.98	PASS	
Ant2		5700	10.03	≤23.98	PASS	
total		5700	13.44	≤23.98	PASS	

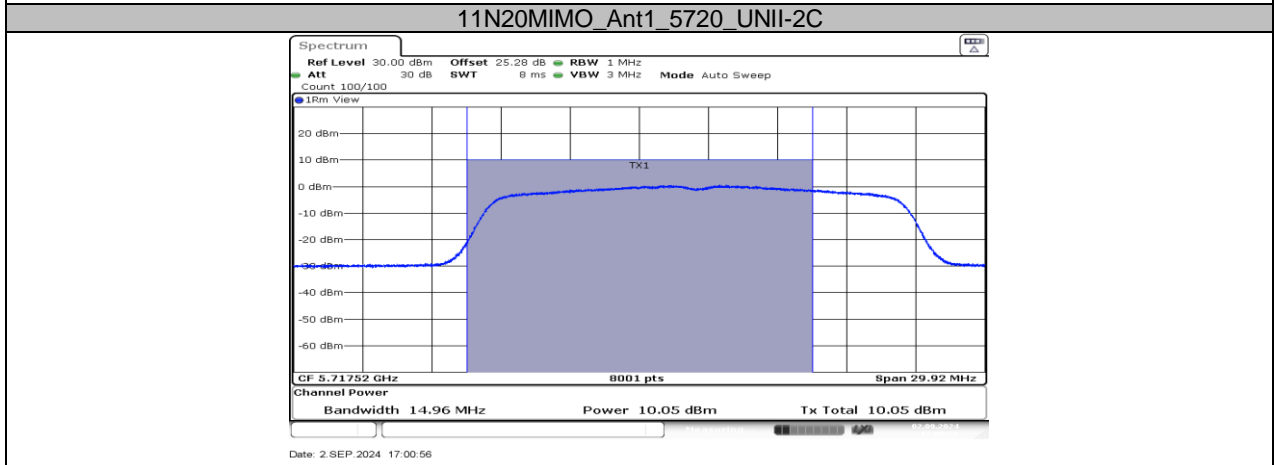
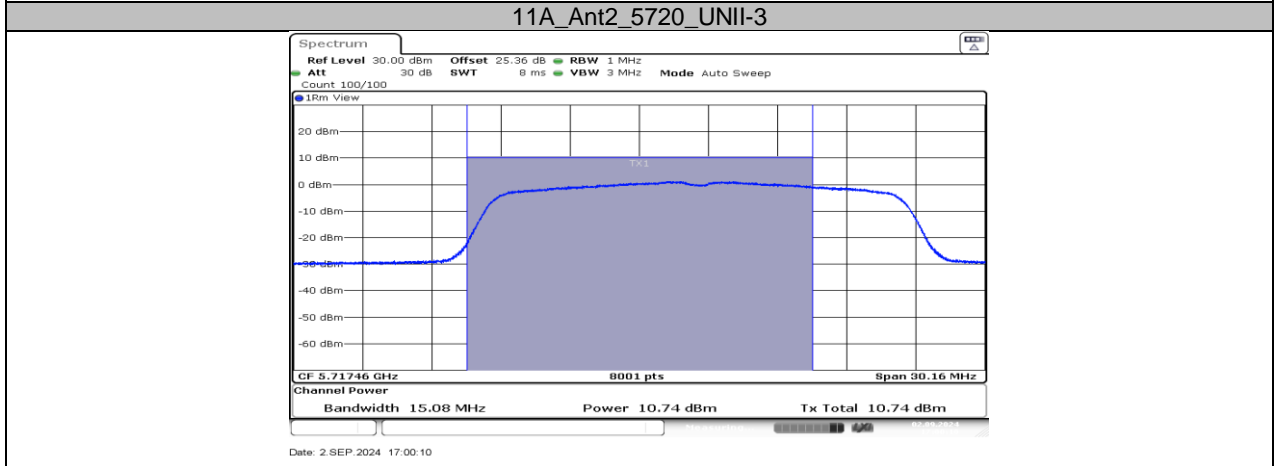
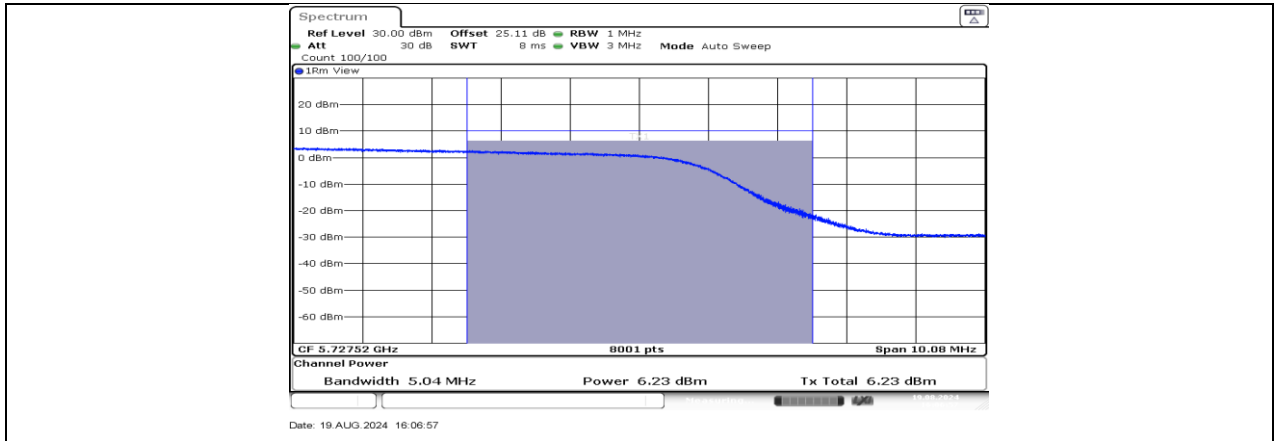
	Ant1	5720_UNII-2C	10.74	≤22.78	PASS
	Ant2	5720_UNII-2C	10.05	≤22.75	PASS
	total	5720_UNII-2C	13.42	≤23.98	PASS
	Ant1	5720_UNII-3	3.45	≤30.00	PASS
	Ant2	5720_UNII-3	2.86	≤30.00	PASS
	total	5720_UNII-3	6.18	≤30.00	PASS
	Ant1	5745	14.58	≤30.00	PASS
	Ant2	5745	14.41	≤30.00	PASS
	total	5745	17.51	≤30.00	PASS
	Ant1	5785	14.07	≤30.00	PASS
	Ant2	5785	13.96	≤30.00	PASS
	total	5785	17.03	≤30.00	PASS
	Ant1	5825	14.04	≤30.00	PASS
	Ant2	5825	13.98	≤30.00	PASS
	total	5825	17.02	≤30.00	PASS
11N40MIMO	Ant1	5190	13.87	≤23.98	PASS
	Ant2	5190	13.32	≤23.98	PASS
	total	5190	16.61	≤23.98	PASS
	Ant1	5230	14.58	≤23.98	PASS
	Ant2	5230	13.42	≤23.98	PASS
	total	5230	17.05	≤23.98	PASS
	Ant1	5270	14.15	≤23.98	PASS
	Ant2	5270	14.10	≤23.98	PASS
	total	5270	17.14	≤23.98	PASS
	Ant1	5310	14.44	≤23.98	PASS
	Ant2	5310	13.74	≤23.98	PASS
	total	5310	17.11	≤23.98	PASS
	Ant1	5510	12.80	≤23.98	PASS
	Ant2	5510	12.53	≤23.98	PASS
	total	5510	15.68	≤23.98	PASS
	Ant1	5550	12.73	≤23.98	PASS
	Ant2	5550	12.27	≤23.98	PASS
	total	5550	15.52	≤23.98	PASS
	Ant1	5670	12.52	≤23.98	PASS
	Ant2	5670	12.01	≤23.98	PASS
	total	5670	15.28	≤23.98	PASS
	Ant1	5710_UNII-2C	12.23	≤23.98	PASS
	Ant2	5710_UNII-2C	11.75	≤23.98	PASS
	total	5710_UNII-2C	15.01	≤23.98	PASS
	Ant1	5710_UNII-3	-0.12	≤30.00	PASS
	Ant2	5710_UNII-3	-0.68	≤30.00	PASS
	total	5710_UNII-3	2.62	≤30.00	PASS
	Ant1	5755	14.27	≤30.00	PASS
	Ant2	5755	14.21	≤30.00	PASS
	total	5755	17.25	≤30.00	PASS
Ant1	5795	14.27	≤30.00	PASS	
Ant2	5795	14.23	≤30.00	PASS	
total	5795	17.26	≤30.00	PASS	
11AC80MIMO	Ant1	5210	13.08	≤23.98	PASS
	Ant2	5210	13.04	≤23.98	PASS
	total	5210	16.07	≤23.98	PASS
	Ant1	5290	13.20	≤23.98	PASS
	Ant2	5290	13.06	≤23.98	PASS
	total	5290	16.14	≤23.98	PASS
	Ant1	5530	10.65	≤23.98	PASS
	Ant2	5530	10.38	≤23.98	PASS
	total	5530	13.53	≤23.98	PASS
	Ant1	5610	10.79	≤23.98	PASS
Ant2	5610	10.37	≤23.98	PASS	
total	5610	13.60	≤23.98	PASS	

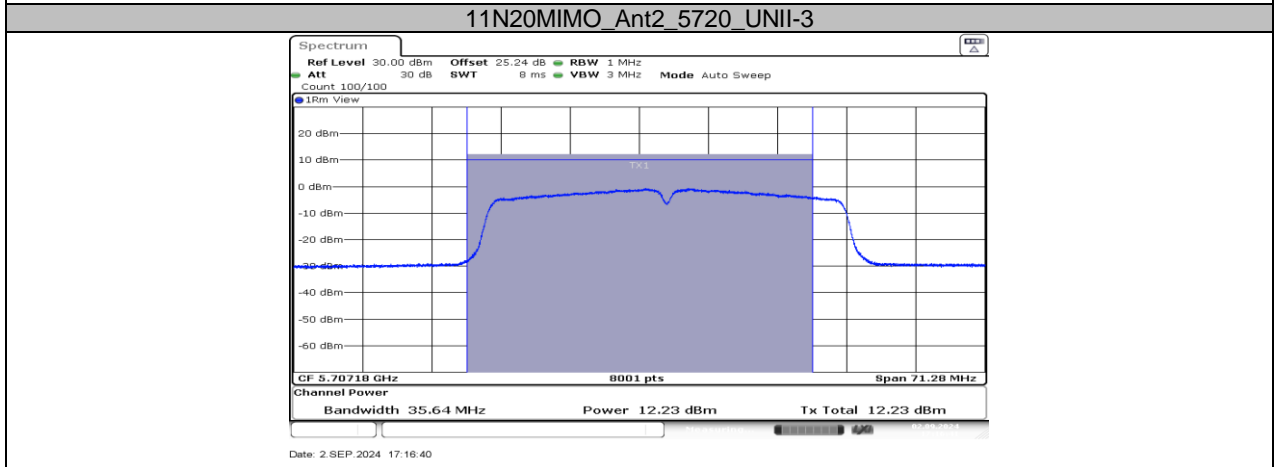
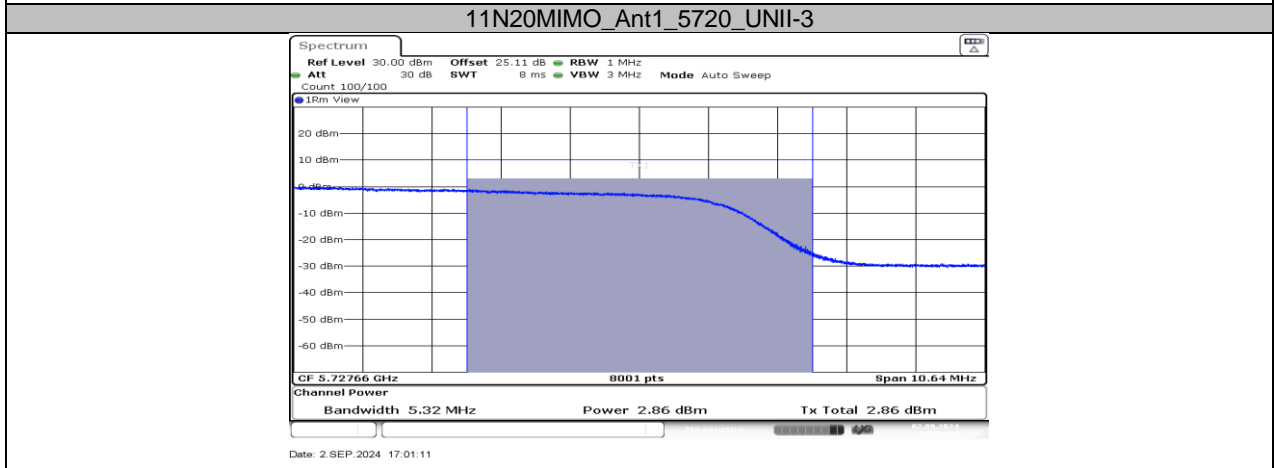
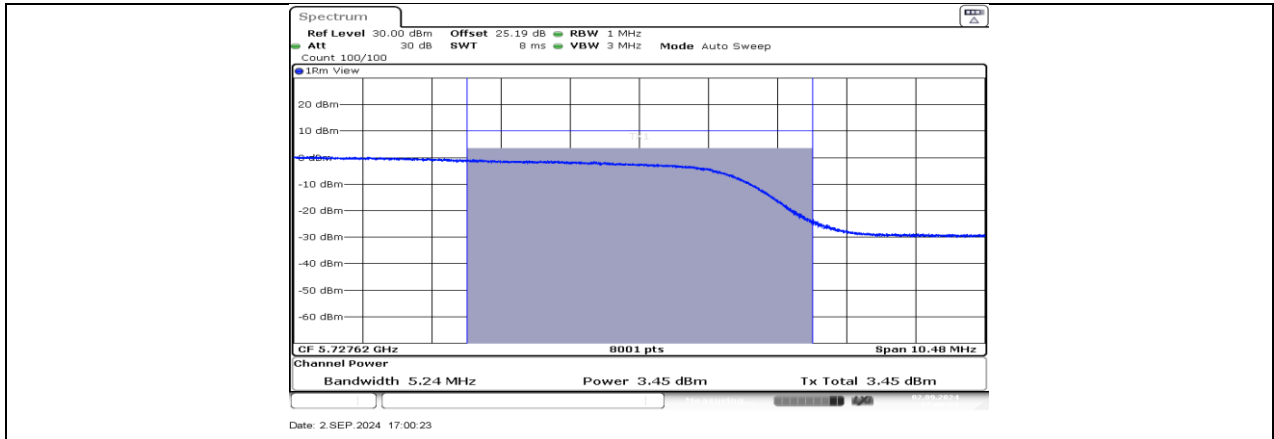
	Ant1	5690_UNII-2C	10.57	≤23.98	PASS
	Ant2	5690_UNII-2C	10.09	≤23.98	PASS
	total	5690_UNII-2C	13.35	≤23.98	PASS
	Ant1	5690_UNII-3	-5.35	≤30.00	PASS
	Ant2	5690_UNII-3	-6.12	≤30.00	PASS
	total	5690_UNII-3	-2.71	≤30.00	PASS
	Ant1	5775	13.17	≤30.00	PASS
	Ant2	5775	13.23	≤30.00	PASS
	total	5775	16.21	≤30.00	PASS

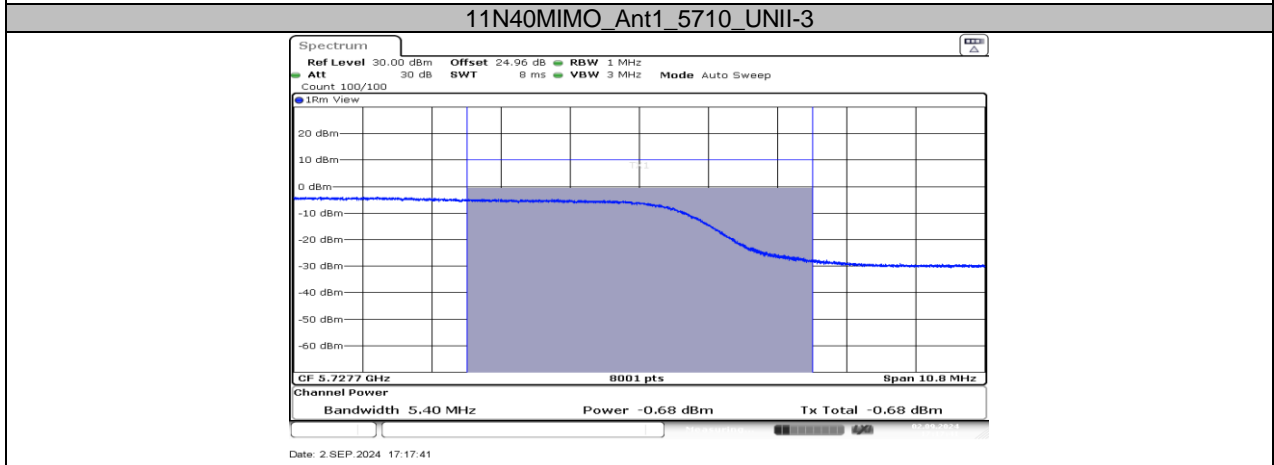
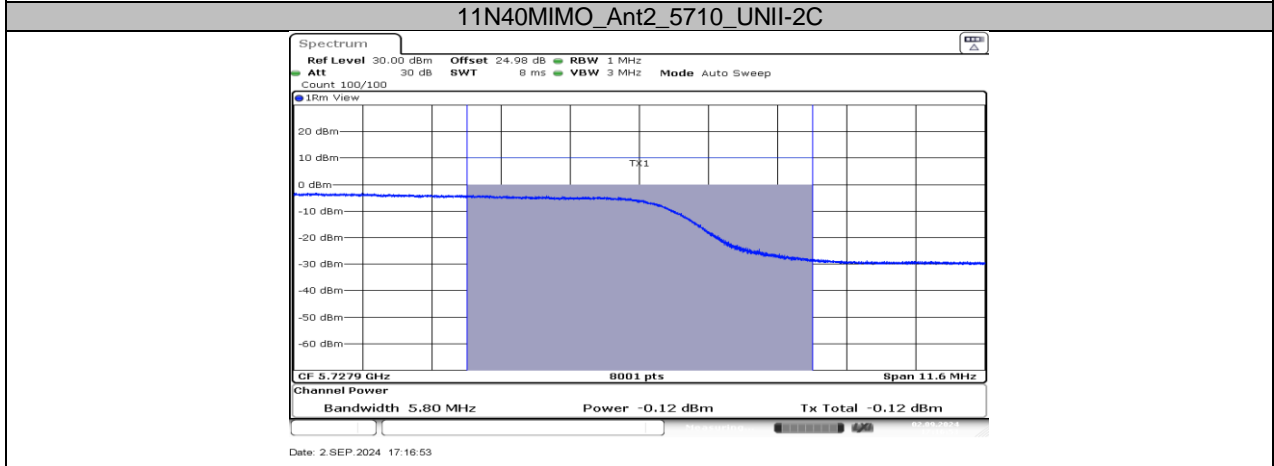
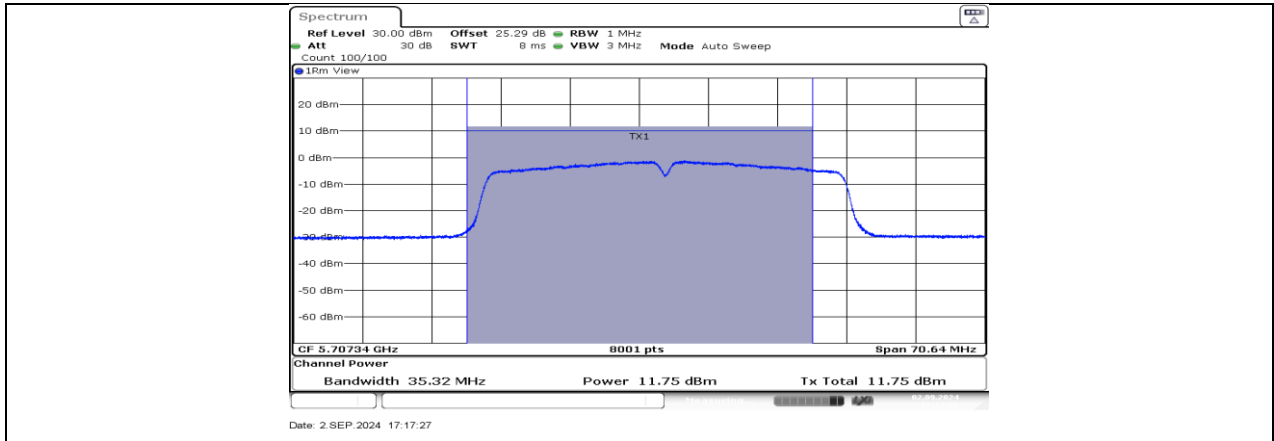
- Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4.2. Test Graphs

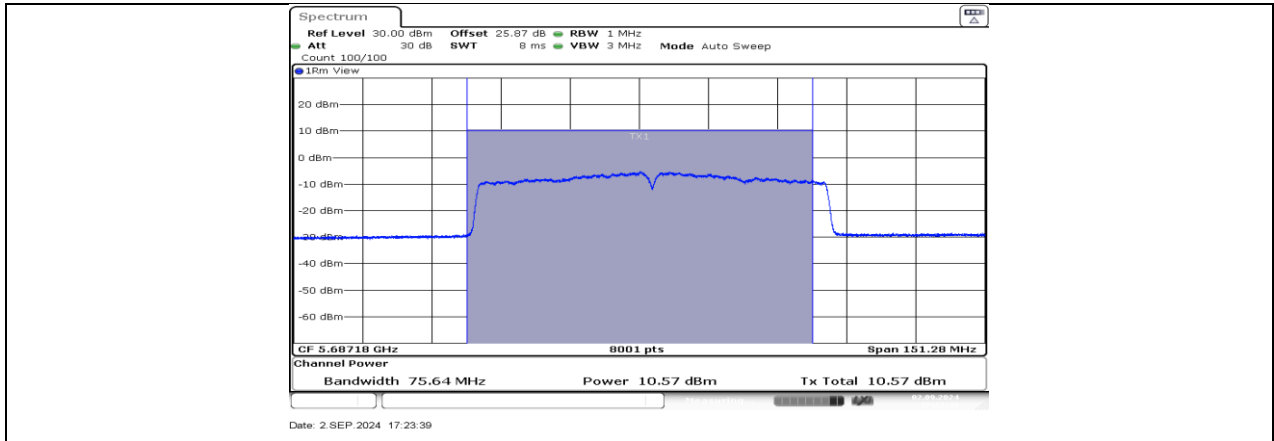




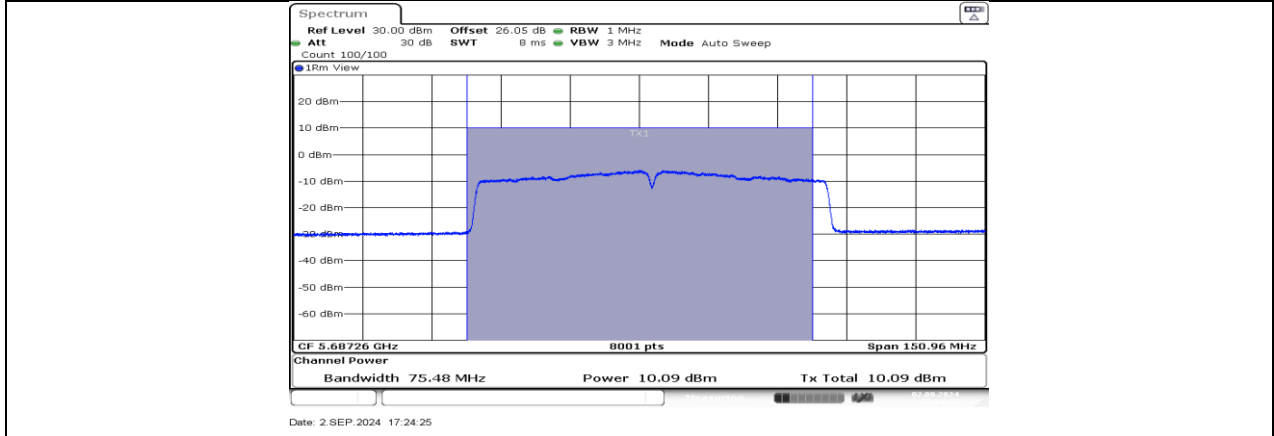




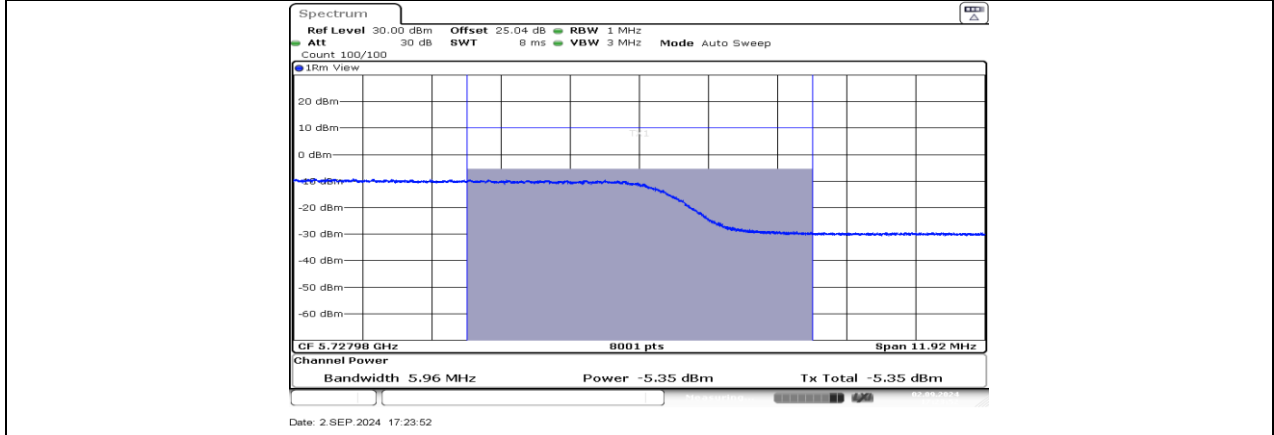
11N40MIMO_Ant2_5710_UNII-3



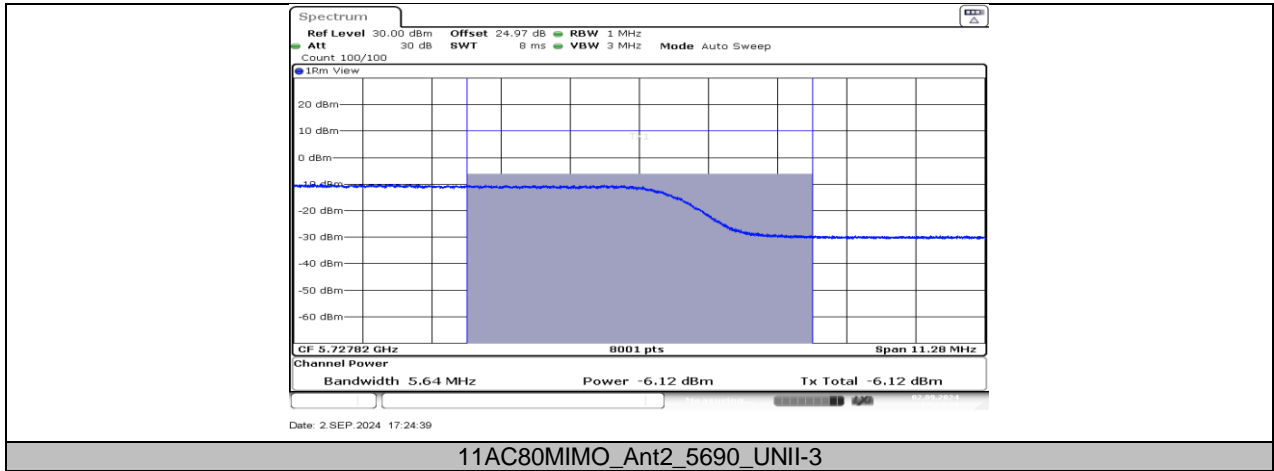
11AC80MIMO_Ant1_5690_UNII-2C



11AC80MIMO_Ant2_5690_UNII-2C



11AC80MIMO_Ant1_5690_UNII-3



11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

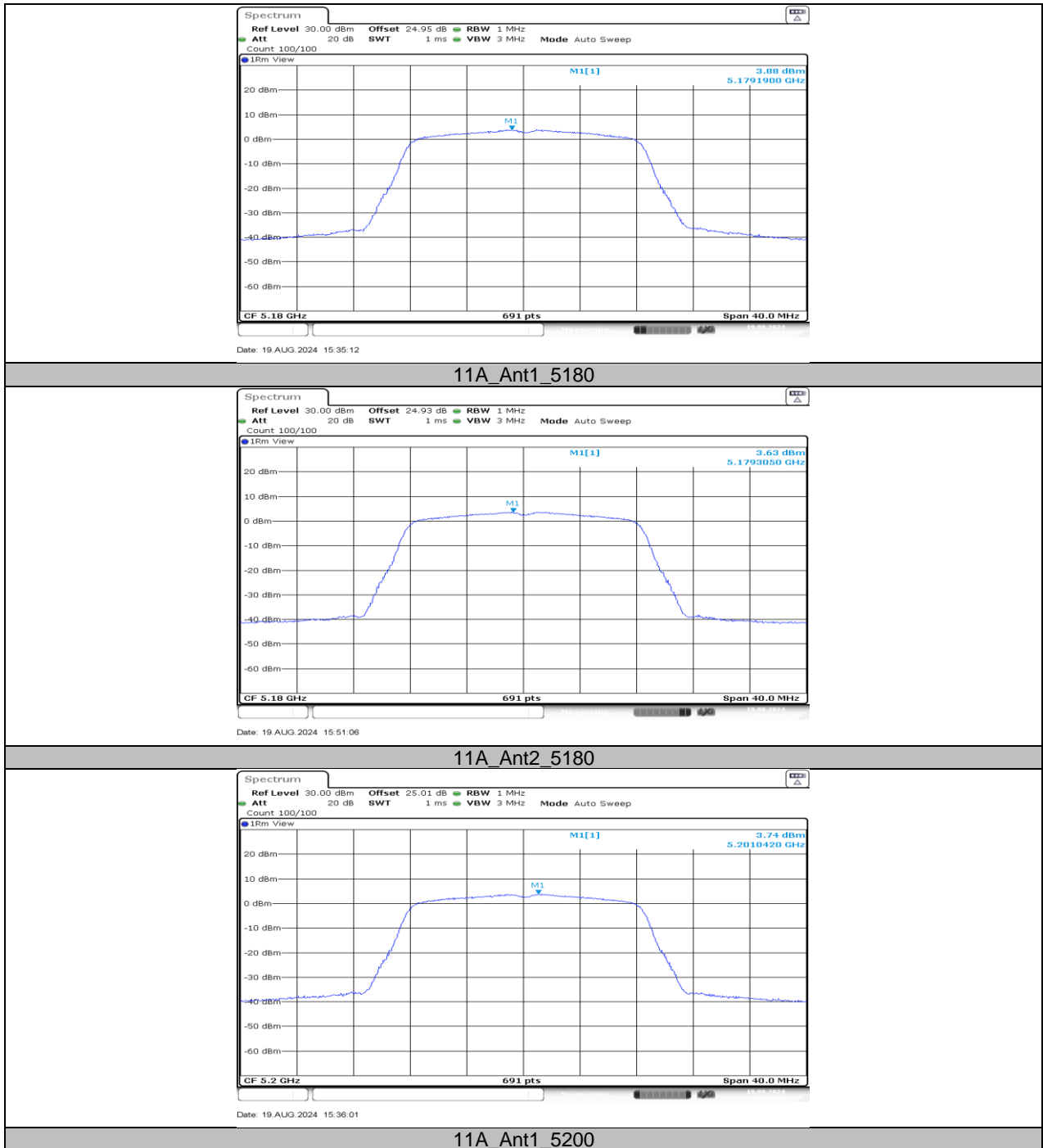
Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict	
11A	Ant1	5180	3.88	≤11.00	PASS	
	Ant2	5180	3.63	≤11.00	PASS	
	Ant1	5200	3.74	≤11.00	PASS	
	Ant2	5200	3.89	≤11.00	PASS	
	Ant1	5240	3.82	≤11.00	PASS	
	Ant2	5240	3.77	≤11.00	PASS	
	Ant1	5260	3.86	≤11.00	PASS	
	Ant2	5260	3.82	≤11.00	PASS	
	Ant1	5280	4.06	≤11.00	PASS	
	Ant2	5280	3.86	≤11.00	PASS	
	Ant1	5320	3.90	≤11.00	PASS	
	Ant2	5320	3.63	≤11.00	PASS	
	Ant1	5500	2.39	≤11.00	PASS	
	Ant2	5500	3.61	≤11.00	PASS	
	Ant1	5580	2.86	≤11.00	PASS	
	Ant2	5580	3.64	≤11.00	PASS	
	Ant1	5700	2.58	≤11.00	PASS	
	Ant2	5700	3.67	≤11.00	PASS	
	Ant1	5720_UNII-2C	2.67	≤11.00	PASS	
	Ant2	5720_UNII-2C	4.31	≤11.00	PASS	
	Ant1	5720_UNII-3	-1.97	≤30.00	PASS	
	Ant2	5720_UNII-3	-0.31	≤30.00	PASS	
	Ant1	5745	1.24	≤30.00	PASS	
	Ant2	5745	1.18	≤30.00	PASS	
	Ant1	5785	1.12	≤30.00	PASS	
	Ant2	5785	0.68	≤30.00	PASS	
	Ant1	5825	1.08	≤30.00	PASS	
	Ant2	5825	0.55	≤30.00	PASS	
	11N20MIMO	Ant1	5180	3.86	≤11.00	PASS
		Ant2	5180	3.35	≤11.00	PASS
total		5180	6.62	≤11.00	PASS	
Ant1		5200	3.78	≤11.00	PASS	
Ant2		5200	3.22	≤11.00	PASS	
total		5200	6.52	≤11.00	PASS	
Ant1		5240	3.64	≤11.00	PASS	
Ant2		5240	3.32	≤11.00	PASS	
total		5240	6.49	≤11.00	PASS	
Ant1		5260	3.86	≤11.00	PASS	
Ant2		5260	3.18	≤11.00	PASS	
total		5260	6.54	≤11.00	PASS	
Ant1		5280	3.86	≤11.00	PASS	
Ant2		5280	3.54	≤11.00	PASS	
total		5280	6.71	≤11.00	PASS	
Ant1		5320	3.97	≤11.00	PASS	
Ant2		5320	3.49	≤11.00	PASS	
total		5320	6.75	≤11.00	PASS	
Ant1		5500	0.57	≤11.00	PASS	
Ant2		5500	0.19	≤11.00	PASS	
total		5500	3.39	≤11.00	PASS	
Ant1		5580	0.33	≤11.00	PASS	
Ant2		5580	-0.06	≤11.00	PASS	
total		5580	3.15	≤11.00	PASS	
Ant1		5700	0.17	≤11.00	PASS	
Ant2		5700	-0.17	≤11.00	PASS	
total		5700	3.01	≤11.00	PASS	

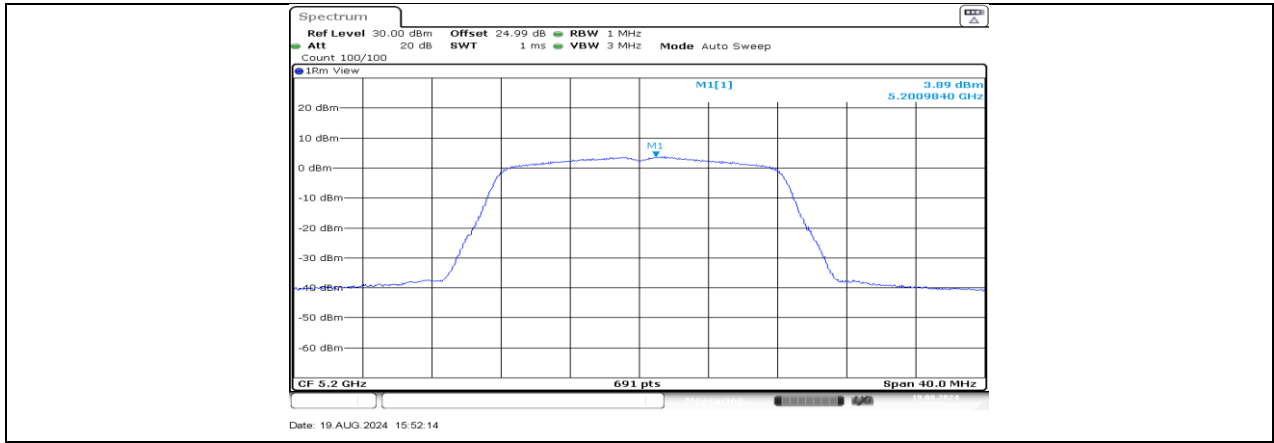
	Ant1	5720_UNII-2C	1.09	≤11.00	PASS
	Ant2	5720_UNII-2C	0.38	≤11.00	PASS
	total	5720_UNII-2C	3.76	≤11.00	PASS
	Ant1	5720_UNII-3	-3.88	≤30.00	PASS
	Ant2	5720_UNII-3	-4.23	≤30.00	PASS
	total	5720_UNII-3	-1.04	≤30.00	PASS
	Ant1	5745	1.16	≤30.00	PASS
	Ant2	5745	1.02	≤30.00	PASS
	total	5745	4.10	≤30.00	PASS
	Ant1	5785	0.85	≤30.00	PASS
	Ant2	5785	0.71	≤30.00	PASS
	total	5785	3.79	≤30.00	PASS
	Ant1	5825	0.97	≤30.00	PASS
	Ant2	5825	0.44	≤30.00	PASS
	total	5825	3.72	≤30.00	PASS
11N40MIMO	Ant1	5190	0.28	≤11.00	PASS
	Ant2	5190	-0.21	≤11.00	PASS
	total	5190	3.05	≤11.00	PASS
	Ant1	5230	1.17	≤11.00	PASS
	Ant2	5230	0.28	≤11.00	PASS
	total	5230	3.76	≤11.00	PASS
	Ant1	5270	1.06	≤11.00	PASS
	Ant2	5270	0.59	≤11.00	PASS
	total	5270	3.84	≤11.00	PASS
	Ant1	5310	1.33	≤11.00	PASS
	Ant2	5310	0.67	≤11.00	PASS
	total	5310	4.02	≤11.00	PASS
	Ant1	5510	-0.80	≤11.00	PASS
	Ant2	5510	-0.87	≤11.00	PASS
	total	5510	2.18	≤11.00	PASS
	Ant1	5550	-0.87	≤11.00	PASS
	Ant2	5550	-1.08	≤11.00	PASS
	total	5550	2.04	≤11.00	PASS
	Ant1	5670	-1.08	≤11.00	PASS
	Ant2	5670	-1.13	≤11.00	PASS
	total	5670	1.91	≤11.00	PASS
	Ant1	5710_UNII-2C	-0.99	≤11.00	PASS
	Ant2	5710_UNII-2C	-1.49	≤11.00	PASS
	total	5710_UNII-2C	1.78	≤11.00	PASS
	Ant1	5710_UNII-3	-7.29	≤30.00	PASS
	Ant2	5710_UNII-3	-7.71	≤30.00	PASS
	total	5710_UNII-3	-4.48	≤30.00	PASS
	Ant1	5755	-1.91	≤30.00	PASS
	Ant2	5755	-2.08	≤30.00	PASS
	total	5755	1.02	≤30.00	PASS
Ant1	5795	-2.17	≤30.00	PASS	
Ant2	5795	-1.94	≤30.00	PASS	
total	5795	0.96	≤30.00	PASS	
11AC80MIMO	Ant1	5210	-3.52	≤11.00	PASS
	Ant2	5210	-3.35	≤11.00	PASS
	total	5210	-0.42	≤11.00	PASS
	Ant1	5290	-3.14	≤11.00	PASS
	Ant2	5290	-3.22	≤11.00	PASS
	total	5290	-0.17	≤11.00	PASS
	Ant1	5530	-5.90	≤11.00	PASS
	Ant2	5530	-5.72	≤11.00	PASS
	total	5530	-2.80	≤11.00	PASS
	Ant1	5610	-5.79	≤11.00	PASS
	Ant2	5610	-6.00	≤11.00	PASS
	total	5610	-2.88	≤11.00	PASS

	Ant1	5690_UNII-2C	-5.51	≤11.00	PASS
	Ant2	5690_UNII-2C	-6.37	≤11.00	PASS
	total	5690_UNII-2C	-2.91	≤11.00	PASS
	Ant1	5690_UNII-3	-11.88	≤30.00	PASS
	Ant2	5690_UNII-3	-12.50	≤30.00	PASS
	total	5690_UNII-3	-9.17	≤30.00	PASS
	Ant1	5775	-5.80	≤30.00	PASS
	Ant2	5775	-5.75	≤30.00	PASS
	total	5775	-2.76	≤30.00	PASS

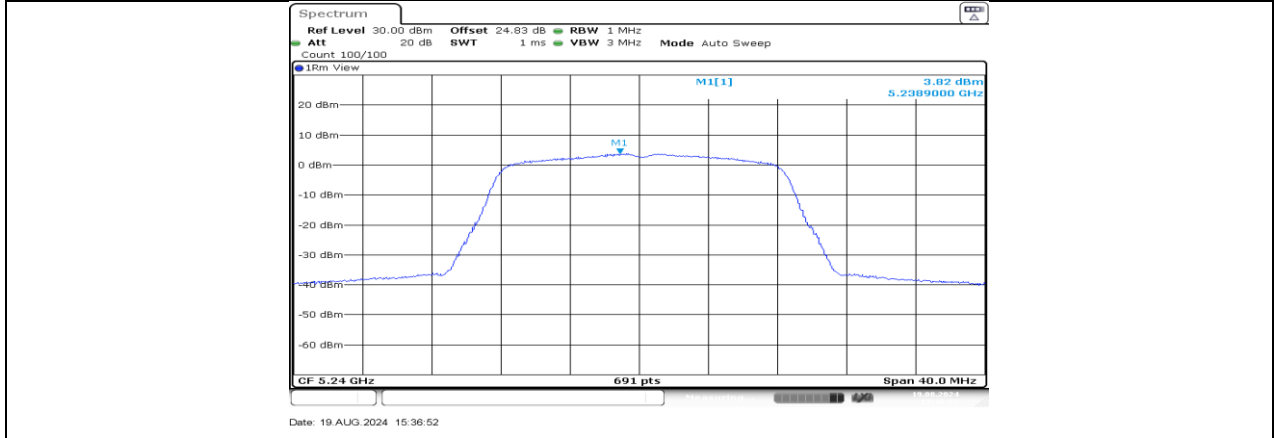
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5.2. Test Graphs

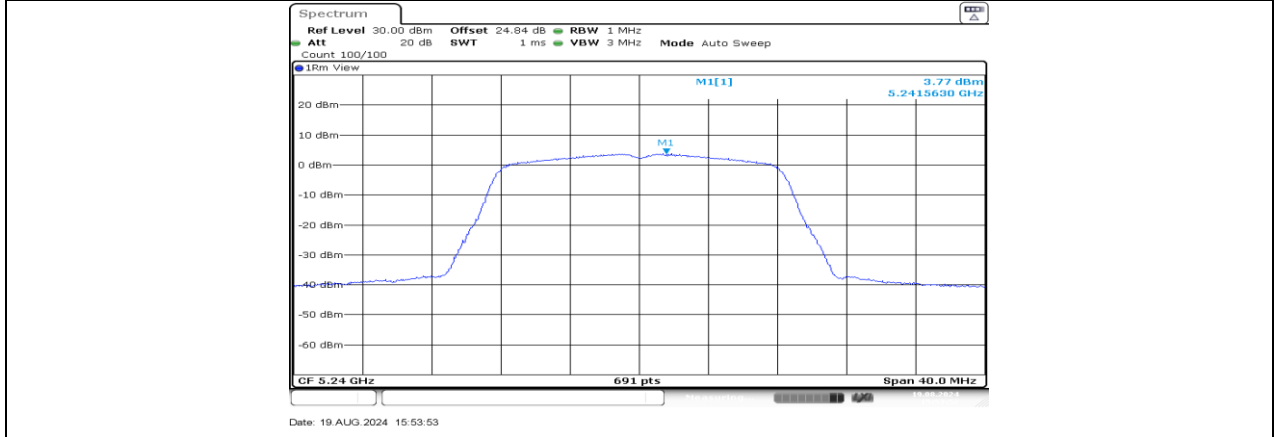




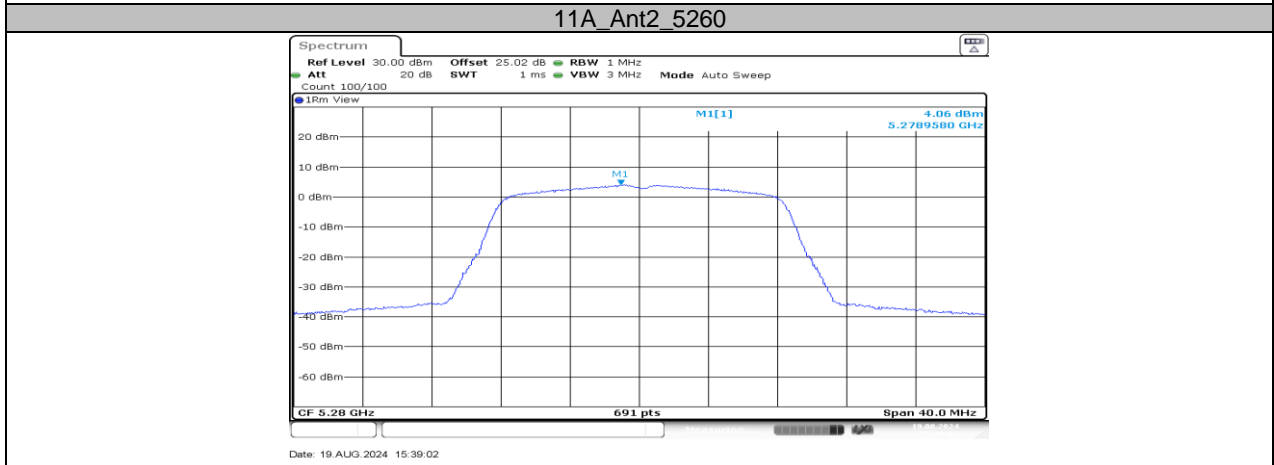
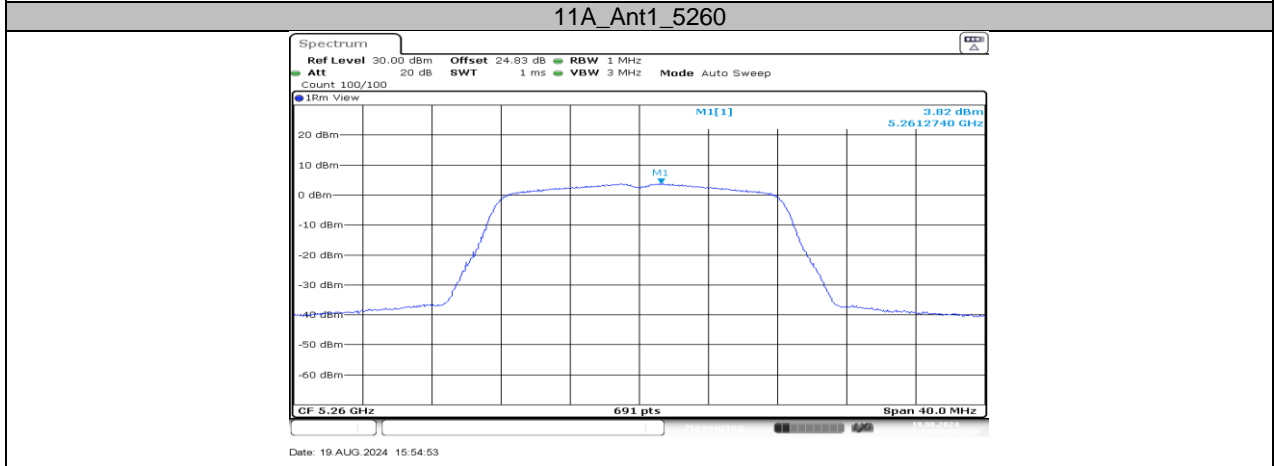
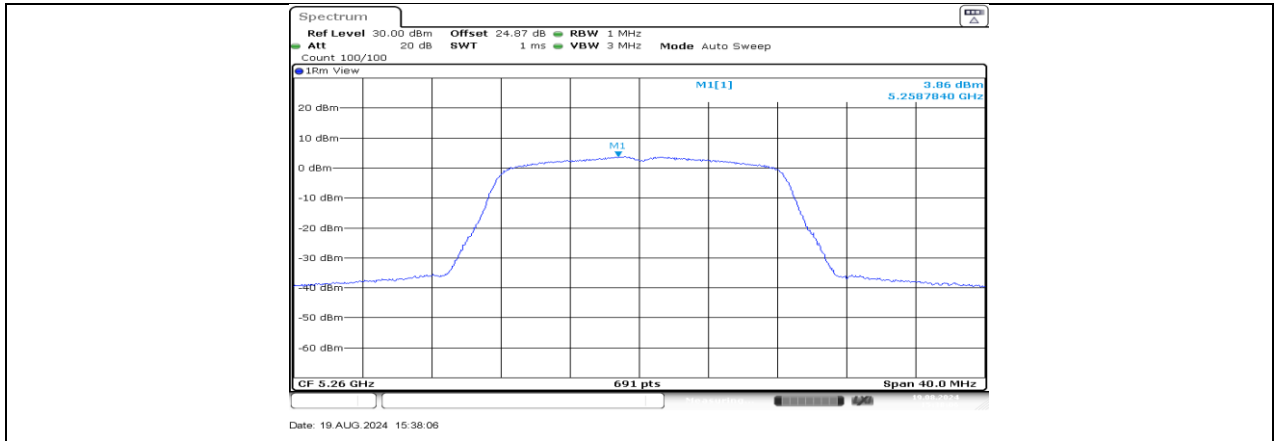
11A_Ant2_5200

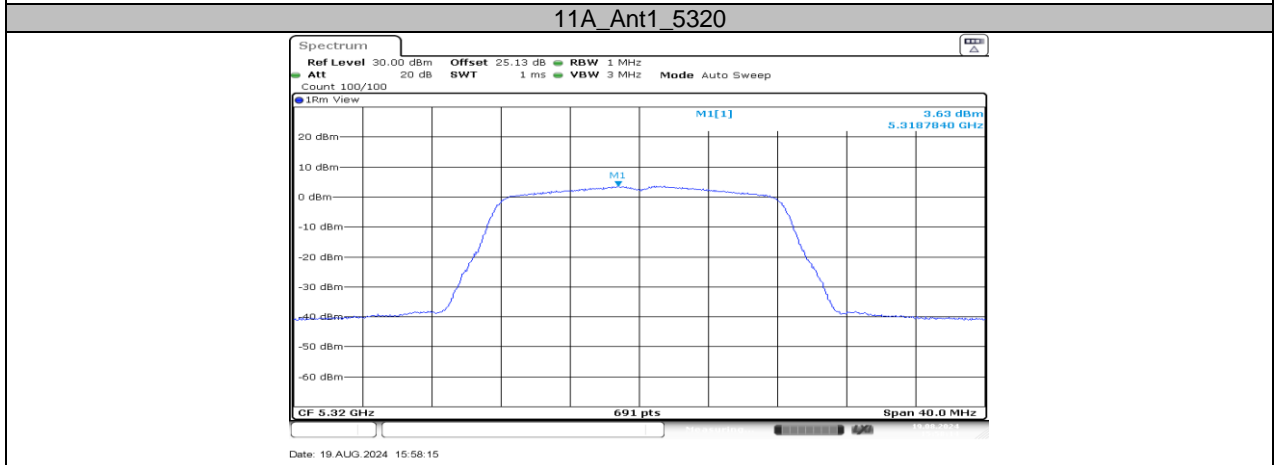
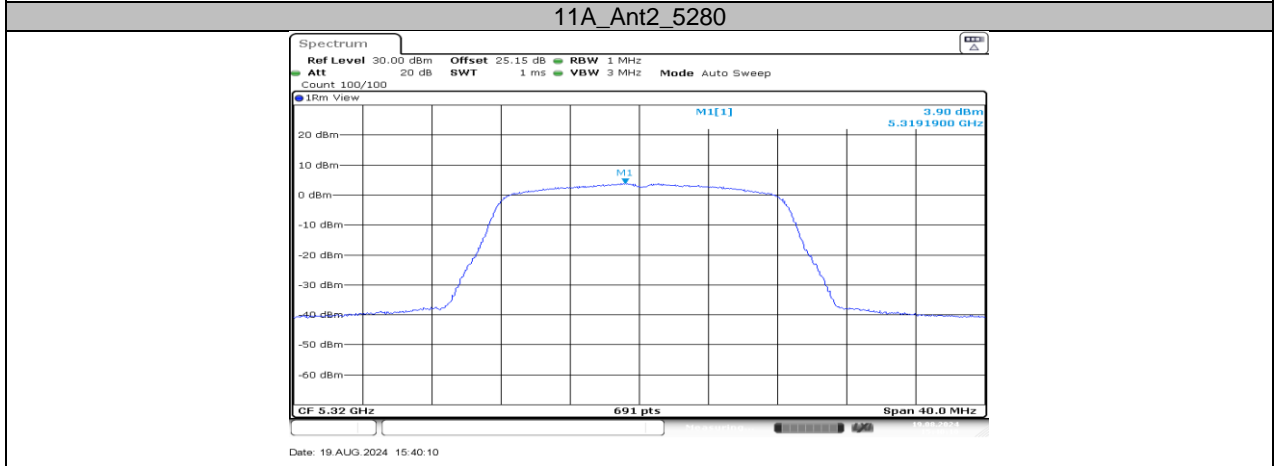
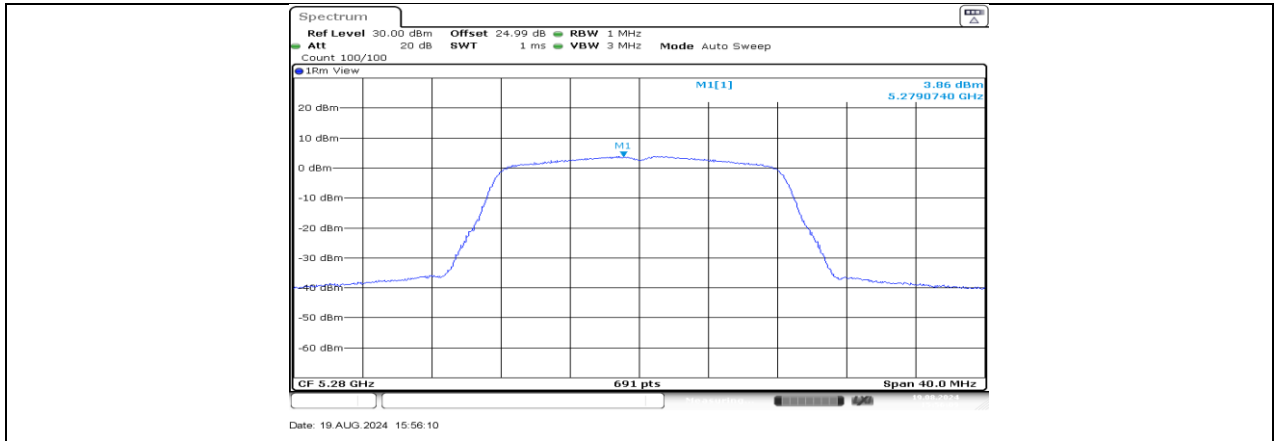


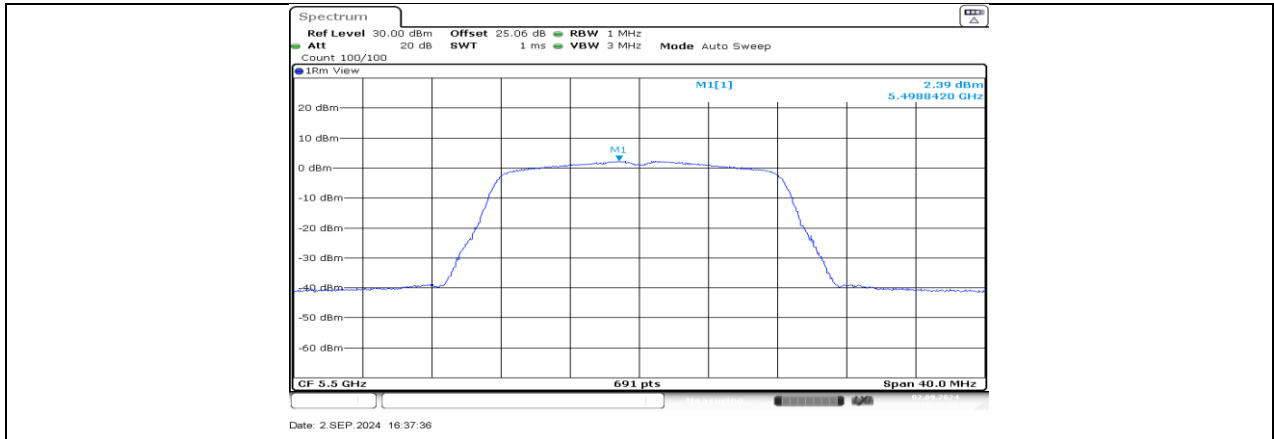
11A_Ant1_5240



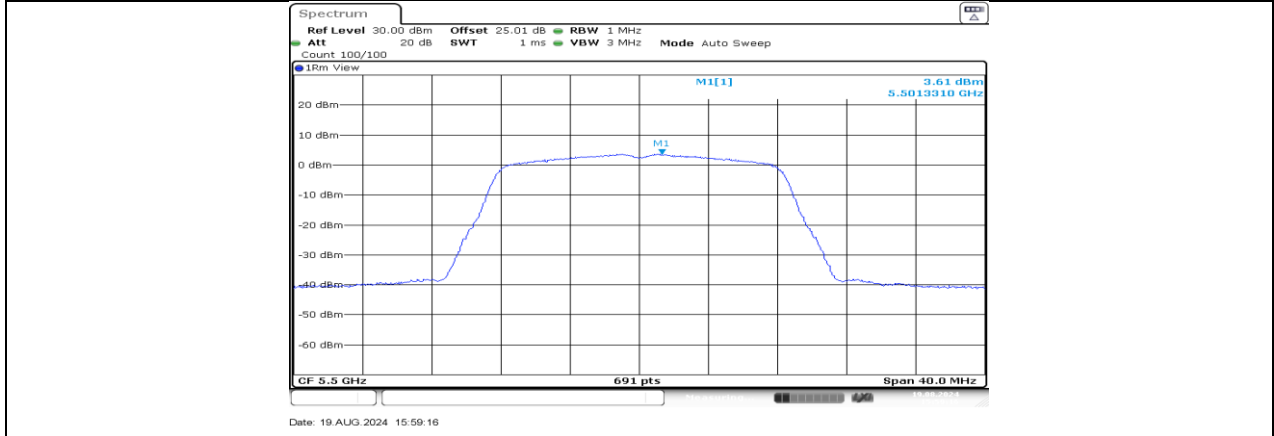
11A_Ant2_5240



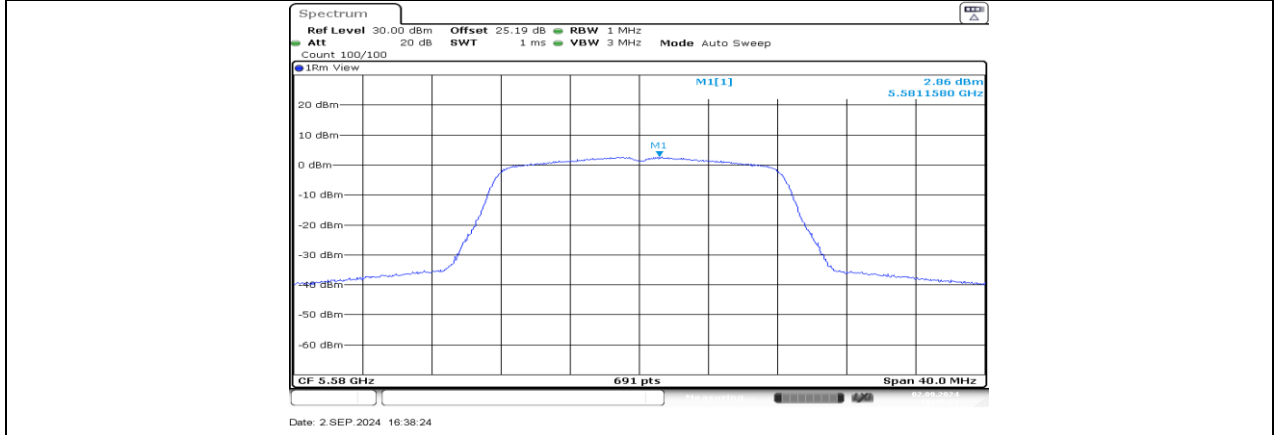




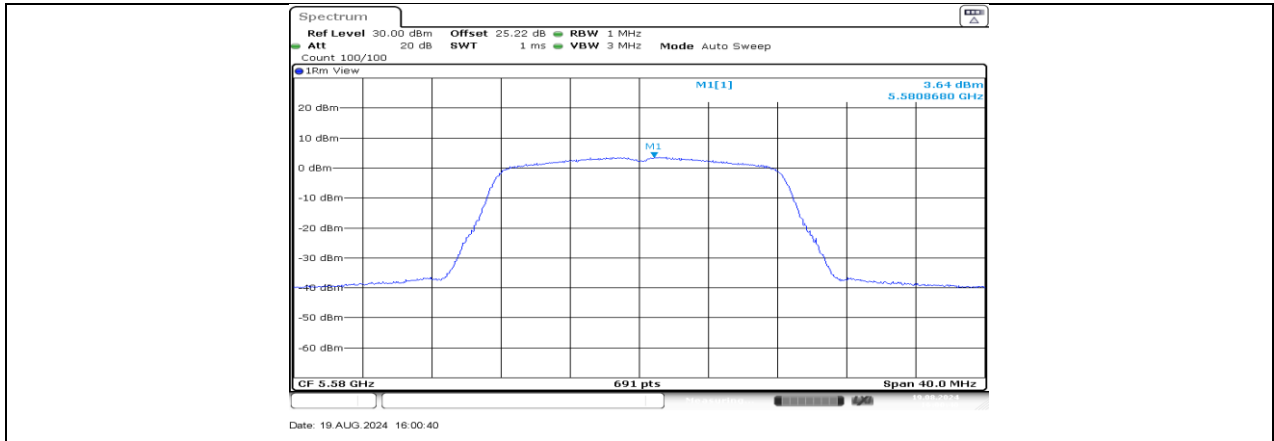
11A_Ant1_5500



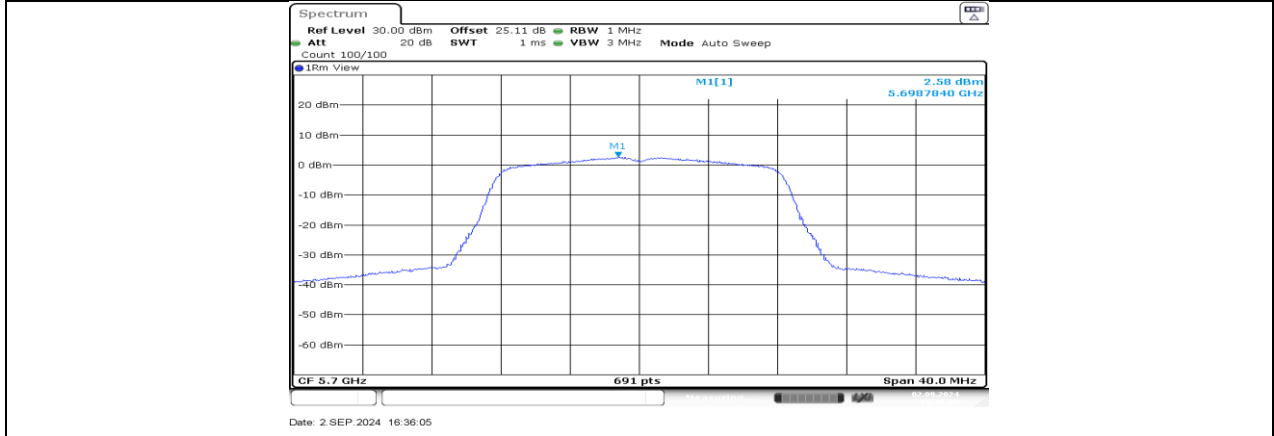
11A_Ant2_5500



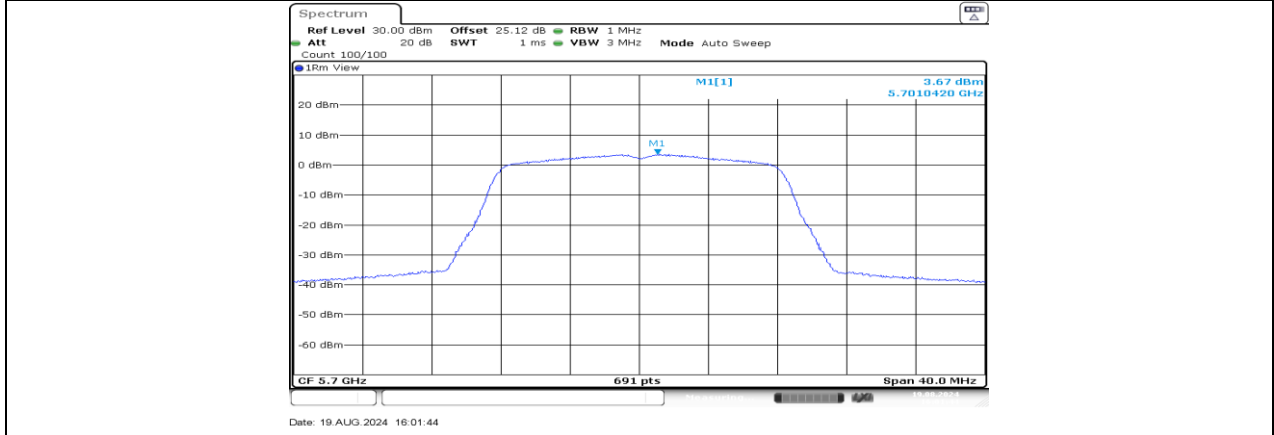
11A_Ant1_5580



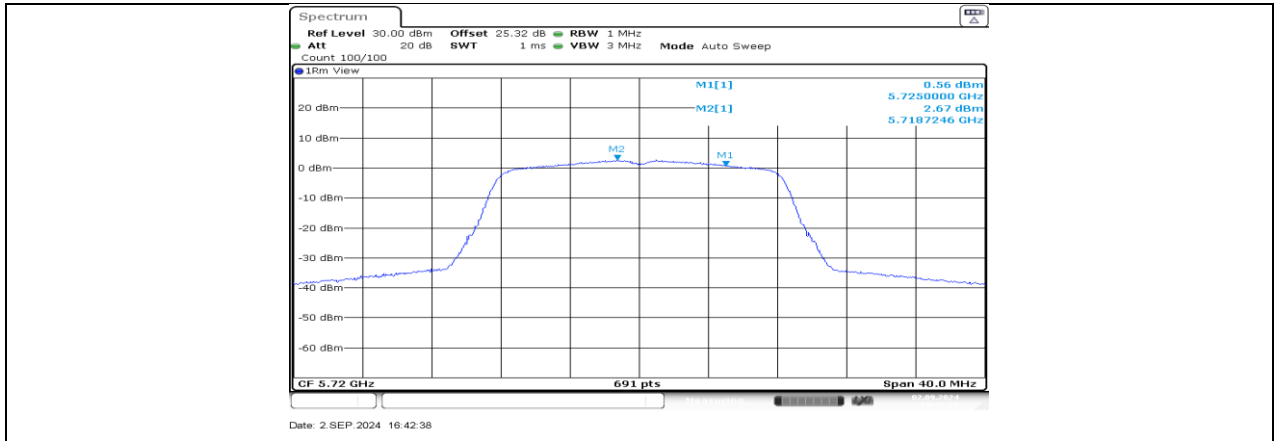
11A_Ant2_5580



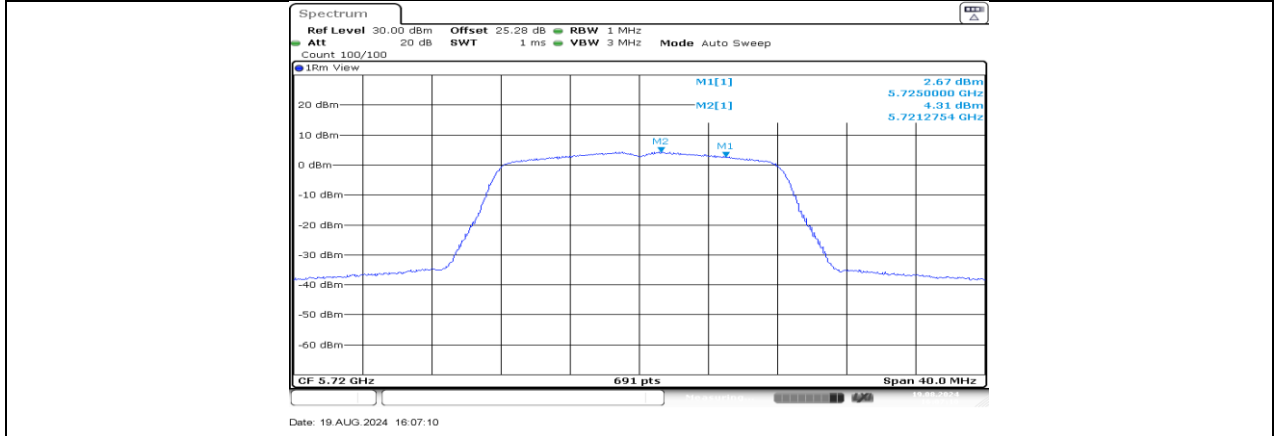
11A_Ant1_5700



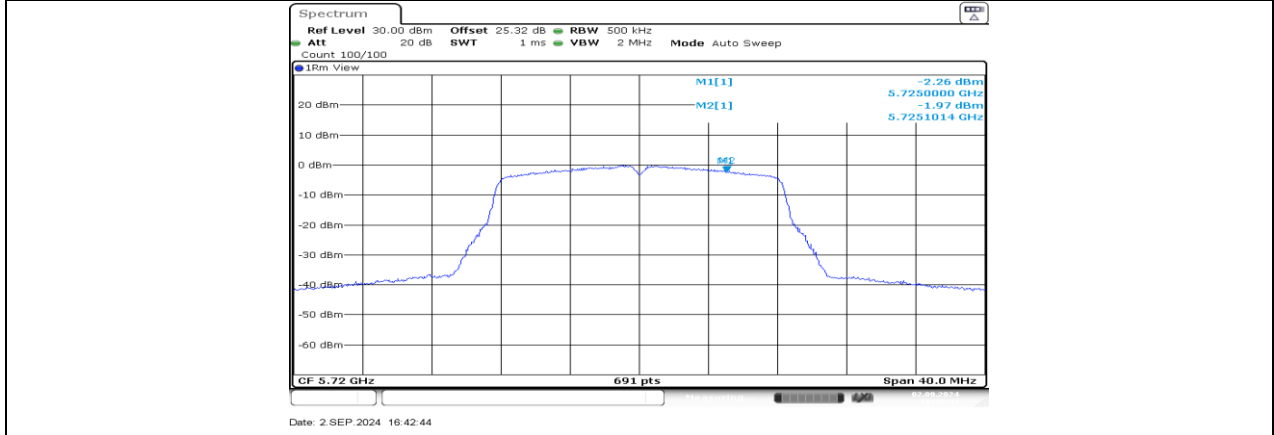
11A_Ant2_5700



11A_Ant1_5720_UNII-2C



11A_Ant2_5720_UNII-2C



11A_Ant1_5720_UNII-3