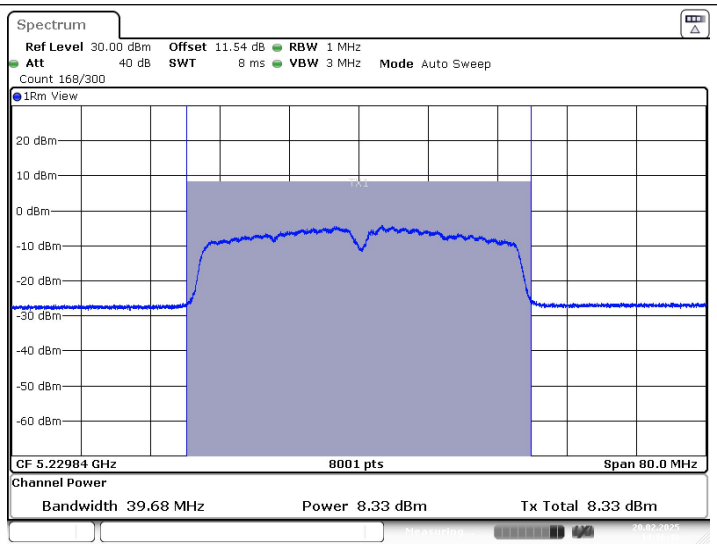
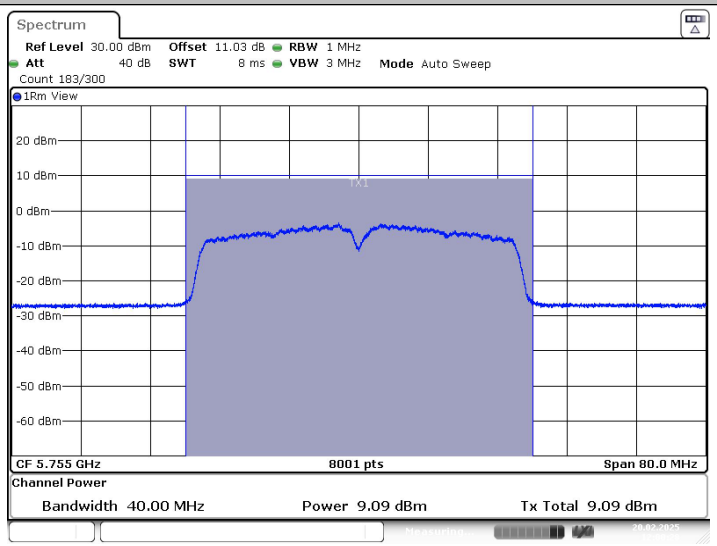
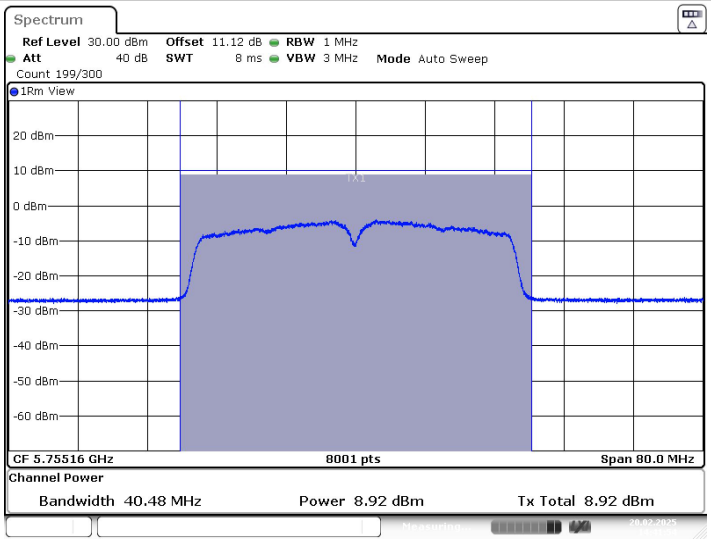


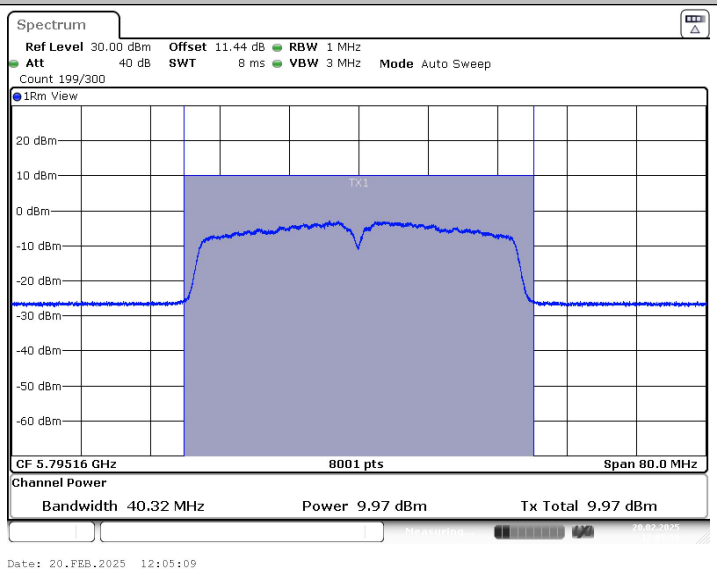
11AC40MIMO_Ant1_5755



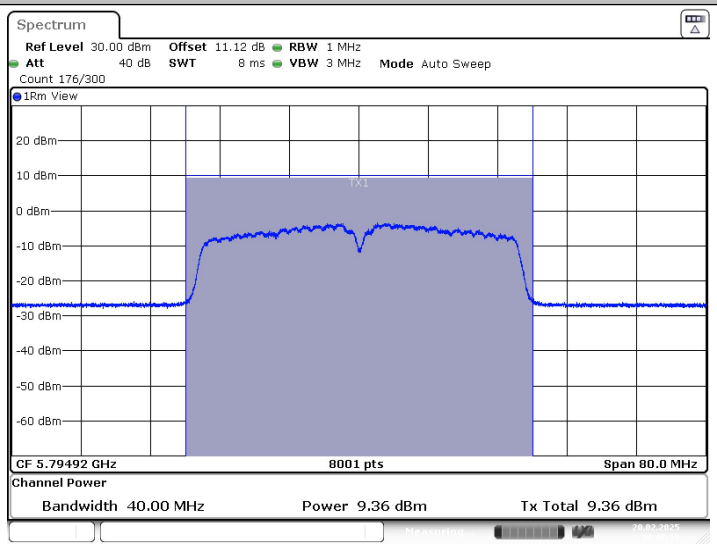
11AC40MIMO_Ant2_5755



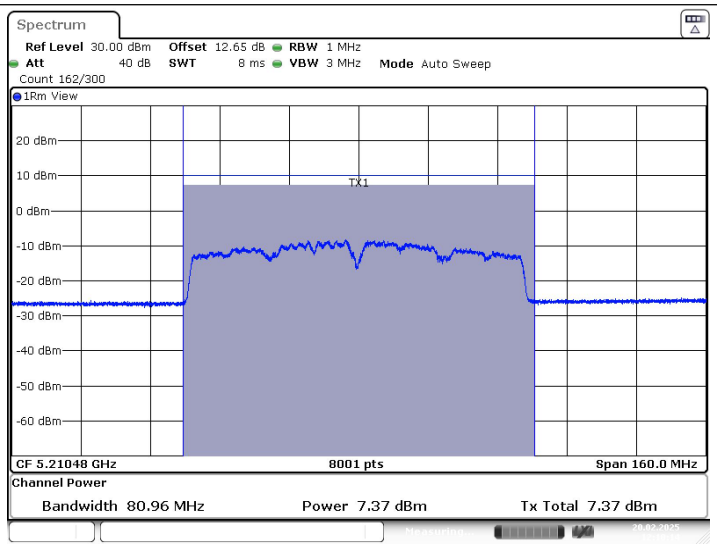
11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210



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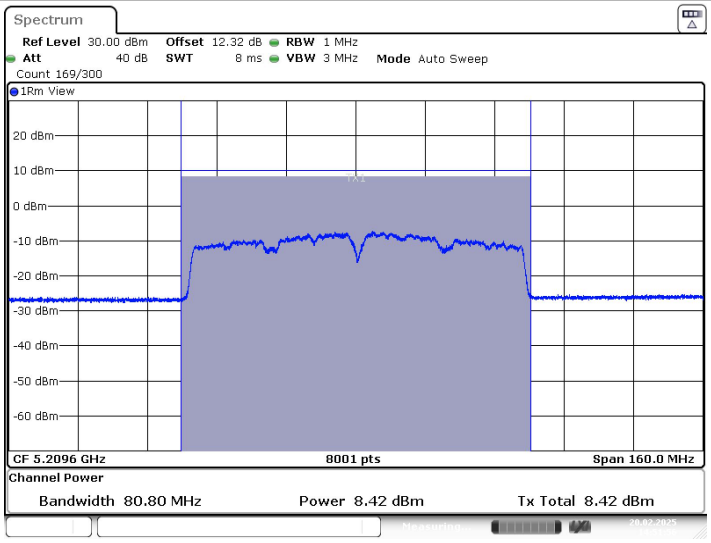

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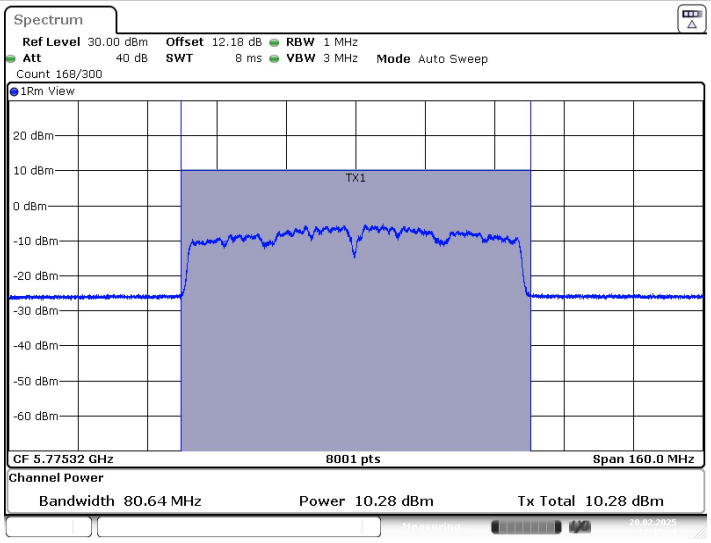
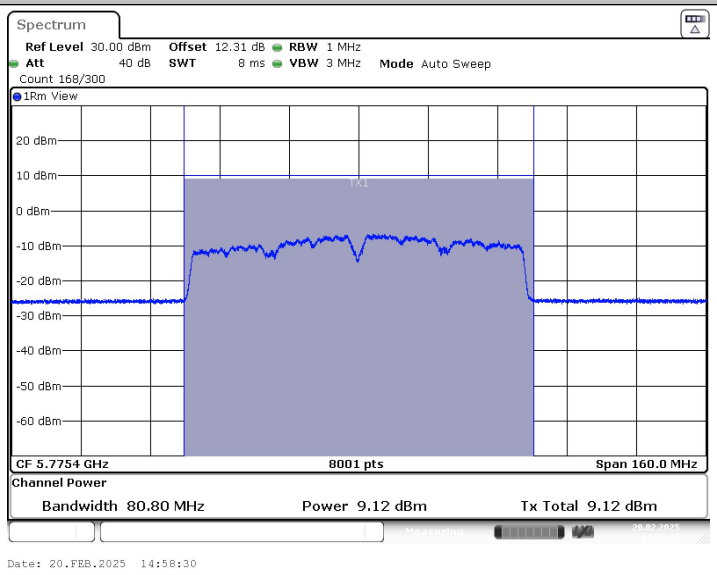


11AC80MIMO_Ant2_5775



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.07	≤11.00	PASS
	Ant2	5180	-0.54	≤11.00	PASS
	Ant1	5200	-1.39	≤11.00	PASS
	Ant2	5200	-0.61	≤11.00	PASS
	Ant1	5240	-1.40	≤11.00	PASS
	Ant2	5240	-0.69	≤11.00	PASS
	Ant1	5745	-1.82	≤30.00	PASS
	Ant2	5745	-3.48	≤30.00	PASS
	Ant1	5785	-2.14	≤30.00	PASS
	Ant2	5785	-2.76	≤30.00	PASS
	Ant1	5825	-2.04	≤30.00	PASS
	Ant2	5825	-1.92	≤30.00	PASS
11N20MIMO	Ant1	5180	-1.56	≤11.00	PASS
	Ant2	5180	-2.76	≤11.00	PASS
	total	5180	0.89	≤11.00	PASS
	Ant1	5200	-2.27	≤11.00	PASS
	Ant2	5200	-3.66	≤11.00	PASS
	total	5200	0.10	≤11.00	PASS
	Ant1	5240	-2.38	≤11.00	PASS
	Ant2	5240	-2.97	≤11.00	PASS
	total	5240	0.35	≤11.00	PASS
	Ant1	5745	-2.29	≤30.00	PASS
	Ant2	5745	-5.08	≤30.00	PASS
	total	5745	-0.45	≤30.00	PASS
	Ant1	5785	-3.42	≤30.00	PASS
	Ant2	5785	-3.63	≤30.00	PASS
	total	5785	-0.51	≤30.00	PASS
	Ant1	5825	-3.53	≤30.00	PASS
	Ant2	5825	-3.63	≤30.00	PASS
	total	5825	-0.57	≤30.00	PASS
11N40MIMO	Ant1	5190	-7.04	≤11.00	PASS
	Ant2	5190	-4.93	≤11.00	PASS
	total	5190	-2.85	≤11.00	PASS
	Ant1	5230	-8.55	≤11.00	PASS
	Ant2	5230	-5.61	≤11.00	PASS
	total	5230	-3.83	≤11.00	PASS
	Ant1	5755	-5.12	≤30.00	PASS

	Ant2	5755	-7.29	≤30.00	PASS
	total	5755	-3.06	≤30.00	PASS
	Ant1	5795	-4.93	≤30.00	PASS
	Ant2	5795	-6.96	≤30.00	PASS
	total	5795	-2.82	≤30.00	PASS
11AC20MIMO	Ant1	5180	-2.43	≤11.00	PASS
	Ant2	5180	-3.09	≤11.00	PASS
	total	5180	0.26	≤11.00	PASS
	Ant1	5200	-3.35	≤11.00	PASS
	Ant2	5200	-3.12	≤11.00	PASS
	total	5200	-0.22	≤11.00	PASS
	Ant1	5240	-4.38	≤11.00	PASS
	Ant2	5240	-2.95	≤11.00	PASS
	total	5240	-0.60	≤11.00	PASS
	Ant1	5745	-3.43	≤30.00	PASS
	Ant2	5745	-3.99	≤30.00	PASS
	total	5745	-0.69	≤30.00	PASS
	Ant1	5785	-2.78	≤30.00	PASS
	Ant2	5785	-3.73	≤30.00	PASS
	total	5785	-0.22	≤30.00	PASS
	Ant1	5825	-3.17	≤30.00	PASS
	Ant2	5825	-2.48	≤30.00	PASS
	total	5825	0.20	≤30.00	PASS
11AC40MIMO	Ant1	5190	-5.45	≤11.00	PASS
	Ant2	5190	-4.54	≤11.00	PASS
	total	5190	-1.96	≤11.00	PASS
	Ant1	5230	-6.57	≤11.00	PASS
	Ant2	5230	-3.76	≤11.00	PASS
	total	5230	-1.93	≤11.00	PASS
	Ant1	5755	-6.21	≤30.00	PASS
	Ant2	5755	-6.58	≤30.00	PASS
	total	5755	-3.38	≤30.00	PASS
	Ant1	5795	-5.36	≤30.00	PASS
	Ant2	5795	-6.45	≤30.00	PASS
	total	5795	-2.86	≤30.00	PASS
11AC80MIMO	Ant1	5210	-6.88	≤11.00	PASS
	Ant2	5210	-7.30	≤11.00	PASS
	total	5210	-4.07	≤11.00	PASS
	Ant1	5775	-9.35	≤30.00	PASS
	Ant2	5775	-8.89	≤30.00	PASS
	total	5775	-6.10	≤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.

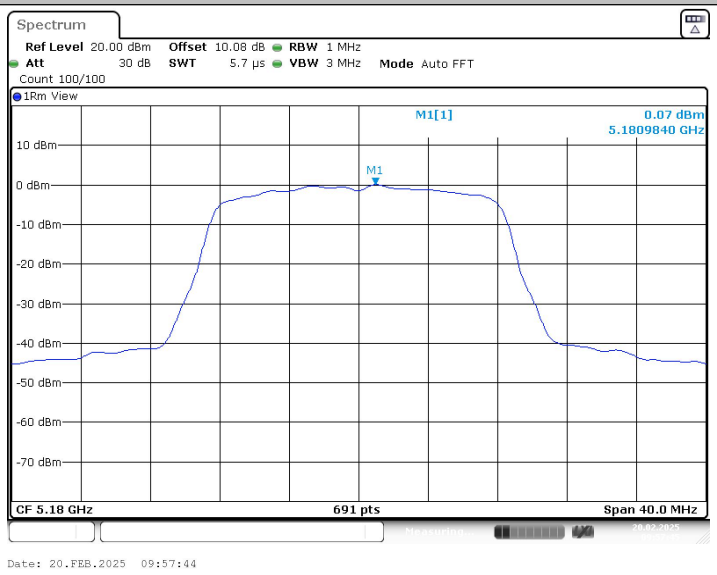
DC Factor = 10*log(1/ Duty Cycle)

The measure-and-sum technique shall be used for measuring in-band transmit power of a device. Total power is the sum of the conducted power levels measured at the various output ports.

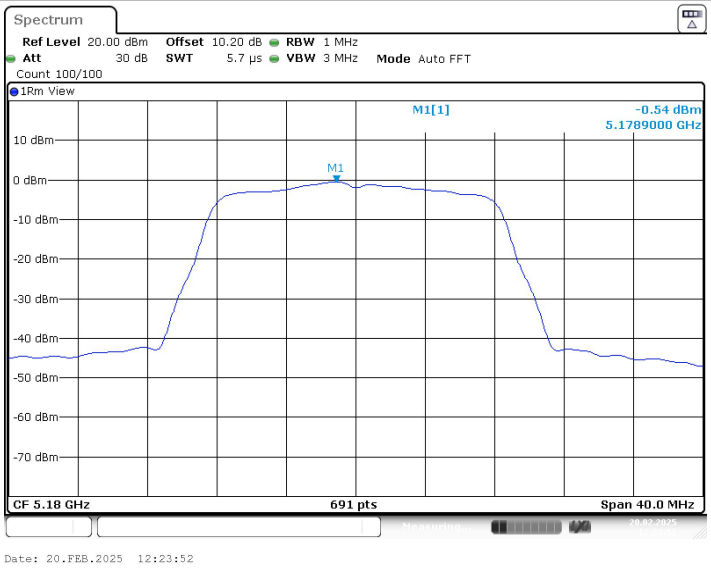
(First measure the power (mW) of each antenna separately, and the total power is equal to Ant1mW + Ant2mW+….)

Test Graphs

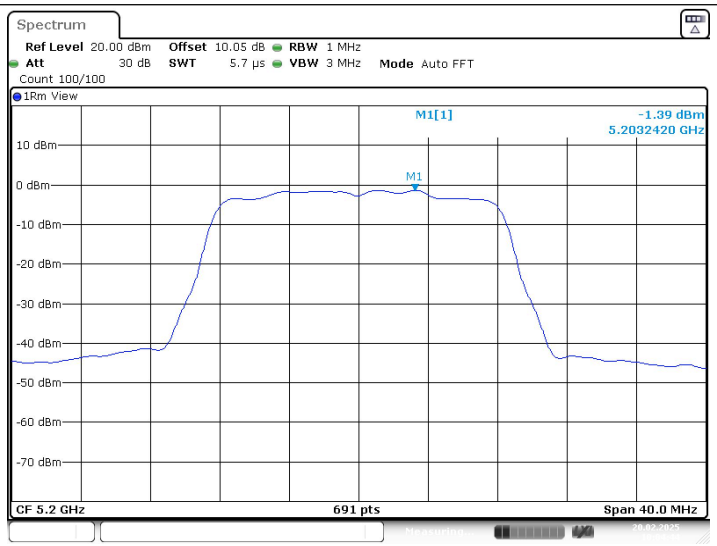
11A_Ant1_5180



11A_Ant2_5180



11A_Ant1_5200



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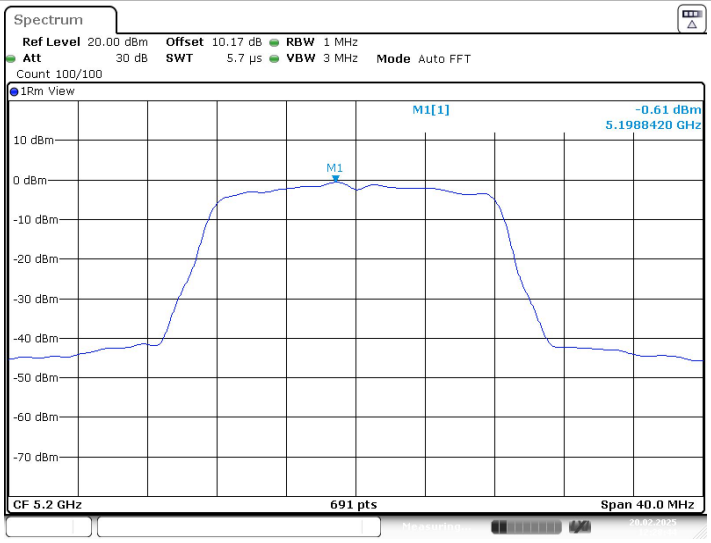
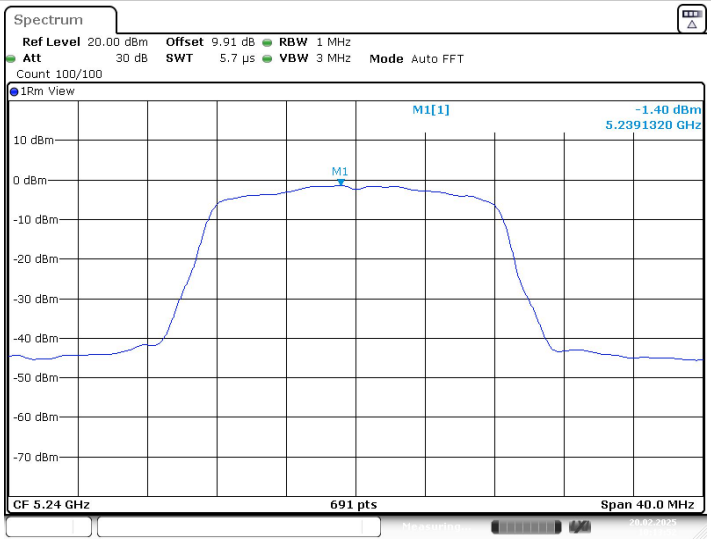
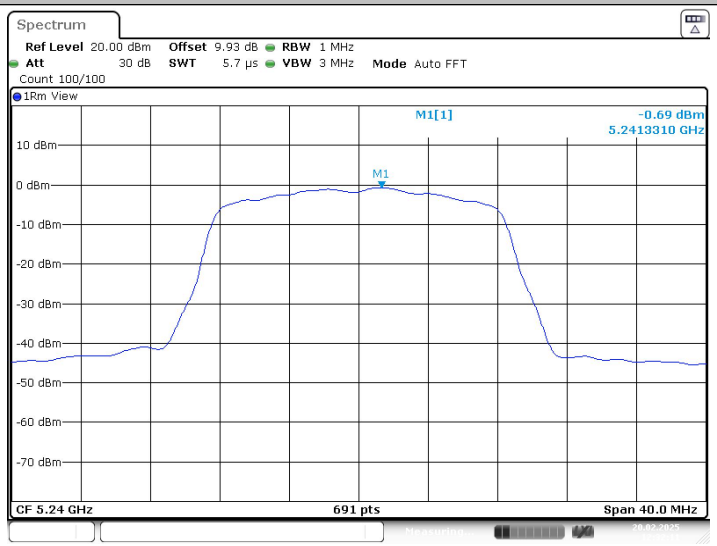


11A_Ant1_5240

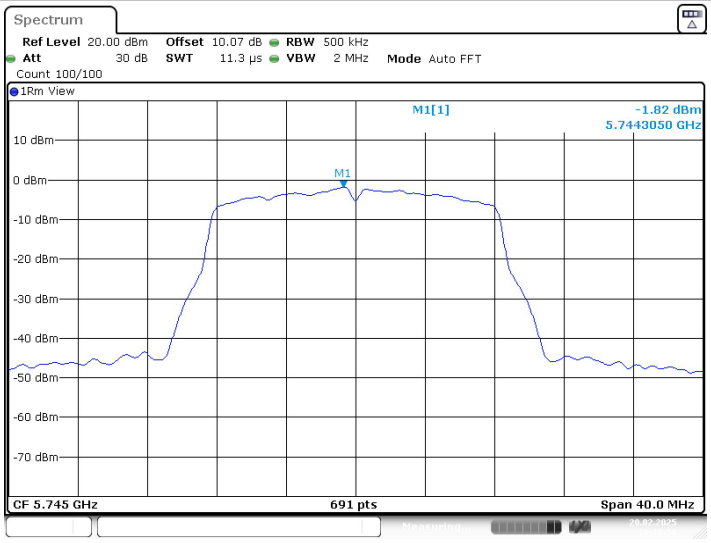


11A_Ant2_5240



Date: 20.FEB.2025 12:32:11

11A_Ant1_5745



Date: 20.FEB.2025 10:18:50

11A_Ant2_5745