

Appendix H: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
				AV	5032.609	-55.24	≤-41.20	39.96	≤54	PASS
				AV	5150.000	-55.31	≤-41.20	39.89	≤54	PASS
				Peak	4500.000	-38.71	≤-21.20	56.49	≤74	PASS
				Peak	4744.493	-35.47	≤-21.20	59.73	≤74	PASS
				Peak	5150.000	-37.33	≤-21.20	57.87	≤74	PASS
		High	5240	AV	5350.000	-55.53	≤-41.20	39.67	≤54	PASS
				AV	5448.174	-54.61	≤-41.20	40.59	≤54	PASS
				AV	5460.000	-55.68	≤-41.20	39.52	≤54	PASS
				Peak	5350.000	-44.74	≤-21.20	50.46	≤74	PASS
				Peak	5351.826	-42.46	≤-21.20	52.74	≤74	PASS
				Peak	5460.000	-45.26	≤-21.20	49.94	≤74	PASS
		Low	5745	Peak	5650.000	-45.45	≤-27.00	---	---	PASS
				Peak	5700.000	-38.74	≤10.00	---	---	PASS
				Peak	5720.000	-32.48	≤15.60	---	---	PASS
				Peak	5725.000	-25.07	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-30.85	≤27.00	---	---	PASS
				Peak	5855.000	-36.62	≤15.60	---	---	PASS
				Peak	5875.000	-42.42	≤10.00	---	---	PASS
				Peak	5925.000	-44.34	≤-27.00	- --	- --	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-57.85	≤-41.20	37.35	≤54	PASS
				AV	5032.609	-55.3	≤-41.20	39.90	≤54	PASS
				AV	5150.000	-55.97	≤-41.20	39.23	≤54	PASS
				Peak	4500.000	-37.28	≤-21.20	57.92	≤74	PASS
				Peak	4615.652	-35.11	≤-21.20	60.09	≤74	PASS
				Peak	5150.000	-37.24	≤-21.20	57.96	≤74	PASS
		High	5240	AV	5350.000	-55.6	≤-41.20	39.60	≤54	PASS
				AV	5448.174	-54.67	≤-41.20	40.53	≤54	PASS
				AV	5460.000	-55.78	≤-41.20	39.42	≤54	PASS
				Peak	5350.000	-43.62	≤-21.20	51.58	≤74	PASS
				Peak	5363.304	-42.55	≤-21.20	52.65	≤74	PASS
				Peak	5460.000	-45.26	≤-21.20	49.94	≤74	PASS
		Low	5745	Peak	5650.000	-45.22	≤-27.00	---	---	PASS
				Peak	5700.000	-43.55	≤10.00	---	---	PASS
				Peak	5720.000	-36.06	≤15.60	---	---	PASS
				Peak	5725.000	-34.9	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-29.11	≤27.00	---	---	PASS
				Peak	5855.000	-41.27	≤15.60	---	---	PASS

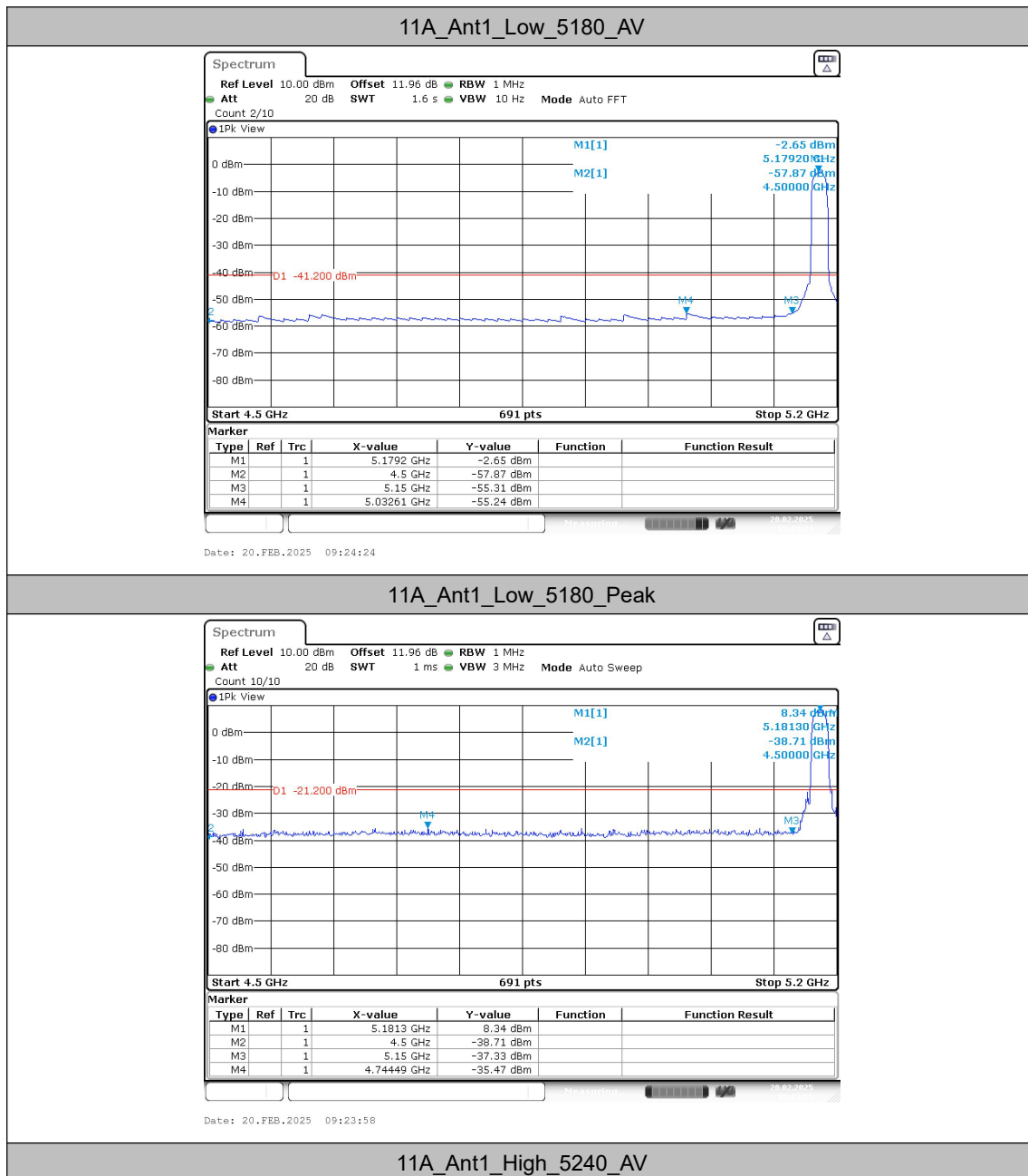
				Peak	5875.000	-44.11	≤10.00	---	---	PASS
				Peak	5925.000	-43.07	≤-27.00	- --	- --	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-57.9	≤-41.20	37.30	≤54	PASS
				AV	5136.522	-55.71	≤-41.20	39.49	≤54	PASS
				AV	5150.000	-55.38	≤-41.20	39.82	≤54	PASS
				Peak	4500.000	-37.33	≤-21.20	57.87	≤74	PASS
				Peak	4950.783	-35.73	≤-21.20	59.47	≤74	PASS
				Peak	5150.000	-37.37	≤-21.20	57.83	≤74	PASS
		High	5230	AV	5350.000	-56.15	≤-41.20	39.05	≤54	PASS
				AV	5448.696	-54.51	≤-41.20	40.69	≤54	PASS
				AV	5460.000	-55.57	≤-41.20	39.63	≤54	PASS
				Peak	5350.000	-44.88	≤-21.20	50.32	≤74	PASS
				Peak	5356.000	-42.1	≤-21.20	53.10	≤74	PASS
				Peak	5460.000	-43.52	≤-21.20	51.68	≤74	PASS
		Low	5755	Peak	5650.000	-43.46	≤-27.00	---	---	PASS
				Peak	5700.000	-37.31	≤10.00	---	---	PASS
				Peak	5720.000	-32.44	≤15.60	---	---	PASS
				Peak	5725.000	-34.83	≤27.00	- --	- --	PASS
		High	5795	Peak	5850.000	-35.4	≤27.00	---	---	PASS
				Peak	5855.000	-36.98	≤15.60	---	---	PASS
				Peak	5875.000	-42.28	≤10.00	---	---	PASS
				Peak	5925.000	-44.35	≤-27.00	- --	- --	PASS
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-57.87	≤-41.20	37.33	≤54	PASS
				AV	5032.609	-55.28	≤-41.20	39.92	≤54	PASS
				AV	5150.000	-55.57	≤-41.20	39.63	≤54	PASS
				Peak	4500.000	-37.61	≤-21.20	57.59	≤74	PASS
				Peak	4999.130	-34.91	≤-21.20	60.29	≤74	PASS
				Peak	5150.000	-36.27	≤-21.20	58.93	≤74	PASS
		High	5240	AV	5350.000	-55.61	≤-41.20	39.59	≤54	PASS
				AV	5448.174	-54.61	≤-41.20	40.59	≤54	PASS
				AV	5460.000	-55.72	≤-41.20	39.48	≤54	PASS
				Peak	5350.000	-44.65	≤-21.20	50.55	≤74	PASS
				Peak	5454.783	-42.9	≤-21.20	52.30	≤74	PASS
				Peak	5460.000	-44.5	≤-21.20	50.70	≤74	PASS
		Low	5745	Peak	5650.000	-44.21	≤-27.00	---	---	PASS
				Peak	5700.000	-42.95	≤10.00	---	---	PASS
				Peak	5720.000	-34.82	≤15.60	---	---	PASS
				Peak	5725.000	-34.26	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-41.23	≤27.00	---	---	PASS
				Peak	5855.000	-41.03	≤15.60	---	---	PASS
				Peak	5875.000	-42.55	≤10.00	---	---	PASS
				Peak	5925.000	-44.56	≤-27.00	- --	- --	PASS
11AC40SI	Ant1	Low	5190	AV	4500.000	-57.88	≤-41.20	37.32	≤54	PASS

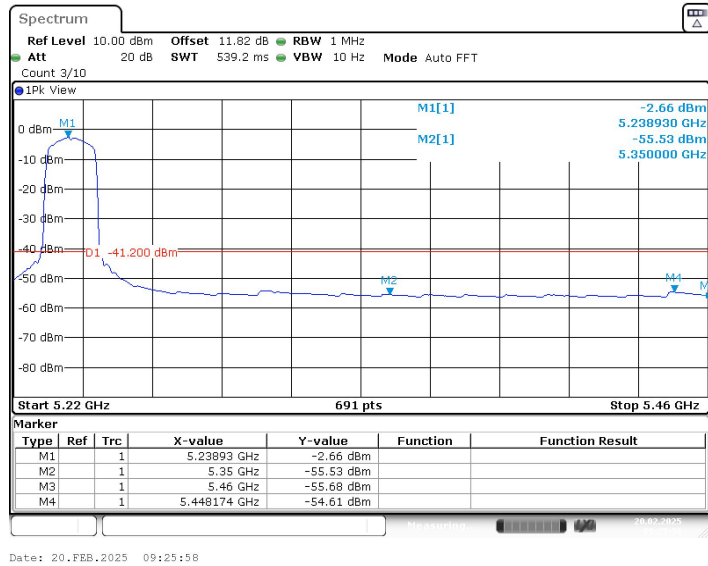
SO				AV	4756.696	-55.68	≤ -41.20	39.52	≤ 54	PASS
				AV	5150.000	-55.43	≤ -41.20	39.77	≤ 54	PASS
				Peak	4500.000	-37.92	≤ -21.20	57.28	≤ 74	PASS
				Peak	5096.870	-35.1	≤ -21.20	60.10	≤ 74	PASS
				Peak	5150.000	-37.27	≤ -21.20	57.93	≤ 74	PASS
		High	5230	AV	5350.000	-56.15	≤ -41.20	39.05	≤ 54	PASS
				AV	5448.319	-54.42	≤ -41.20	40.78	≤ 54	PASS
				AV	5460.000	-55.57	≤ -41.20	39.63	≤ 54	PASS
				Peak	5350.000	-45.38	≤ -21.20	49.82	≤ 74	PASS
				Peak	5449.449	-42.03	≤ -21.20	53.17	≤ 74	PASS
				Peak	5460.000	-44.85	≤ -21.20	50.35	≤ 74	PASS
		Low	5755	Peak	5650.000	-45.09	≤ -27.00	---	---	PASS
				Peak	5700.000	-37.69	≤ 10.00	---	---	PASS
				Peak	5720.000	-33.25	≤ 15.60	---	---	PASS
				Peak	5725.000	-32.95	≤ 27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-38.97	≤ 27.00	---	---	PASS
				Peak	5855.000	-39.98	≤ 15.60	---	---	PASS
				Peak	5875.000	-42.57	≤ 10.00	---	---	PASS
				Peak	5925.000	-44.06	≤ -27.00	- - -	- - -	PASS
11AC80SI SO	Ant1	High	5210	AV	5350.000	-55.6	≤ -41.20	39.60	≤ 54	PASS
				AV	5448.232	-54.6	≤ -41.20	40.60	≤ 54	PASS
				AV	5460.000	-55.65	≤ -41.20	39.55	≤ 54	PASS
				Peak	5350.000	-44.73	≤ -21.20	50.47	≤ 74	PASS
				Peak	5447.420	-42.69	≤ -21.20	52.51	≤ 74	PASS
				Peak	5460.000	-45.28	≤ -21.20	49.92	≤ 74	PASS
		Low	5775	Peak	5650.000	-43.83	≤ -27.00	---	---	PASS
				Peak	5700.000	-35.24	≤ 10.00	---	---	PASS
				Peak	5720.000	-29.81	≤ 15.60	---	---	PASS
				Peak	5725.000	-29.61	≤ 27.00	- - -	- - -	PASS
		High	5775	Peak	5850.000	-33.92	≤ 27.00	---	---	PASS
				Peak	5855.000	-32.6	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.31	≤ 10.00	---	---	PASS
				Peak	5925.000	-42.71	≤ -27.00	- - -	- - -	PASS

Note:

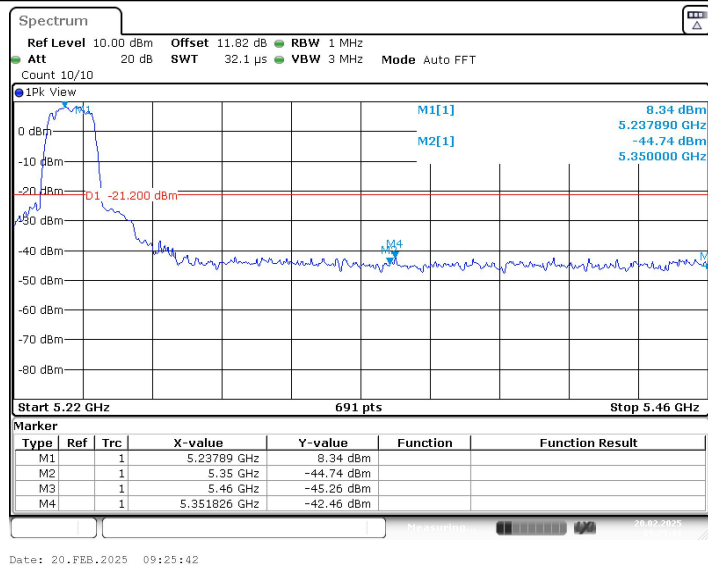
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

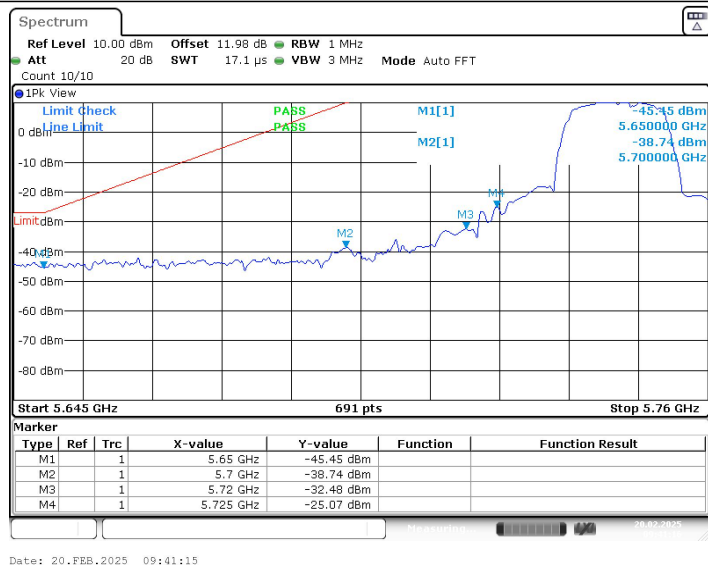




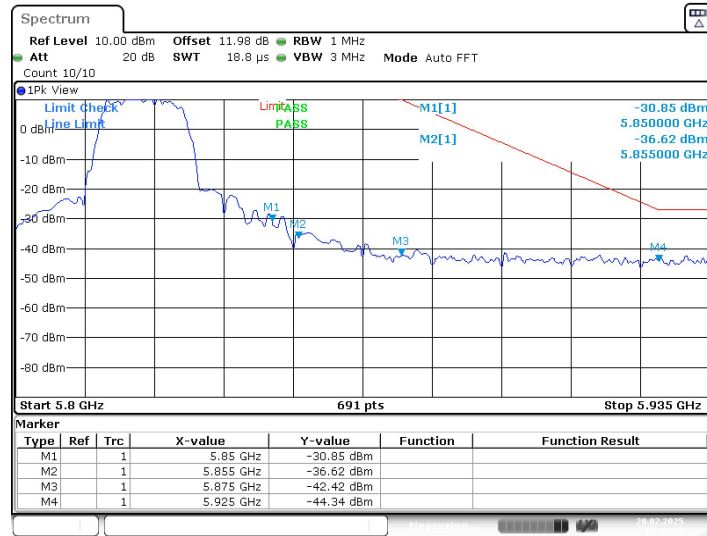
11A_Ant1_High_5240_Peak



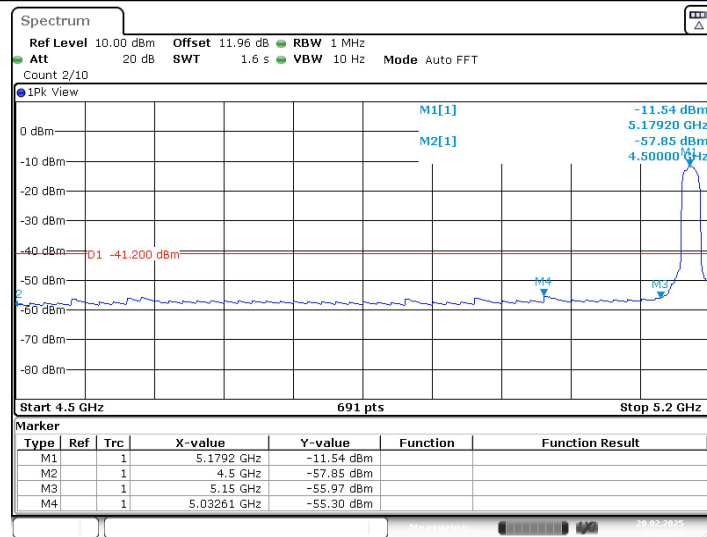
11A_Ant1_Low_5745_Peak



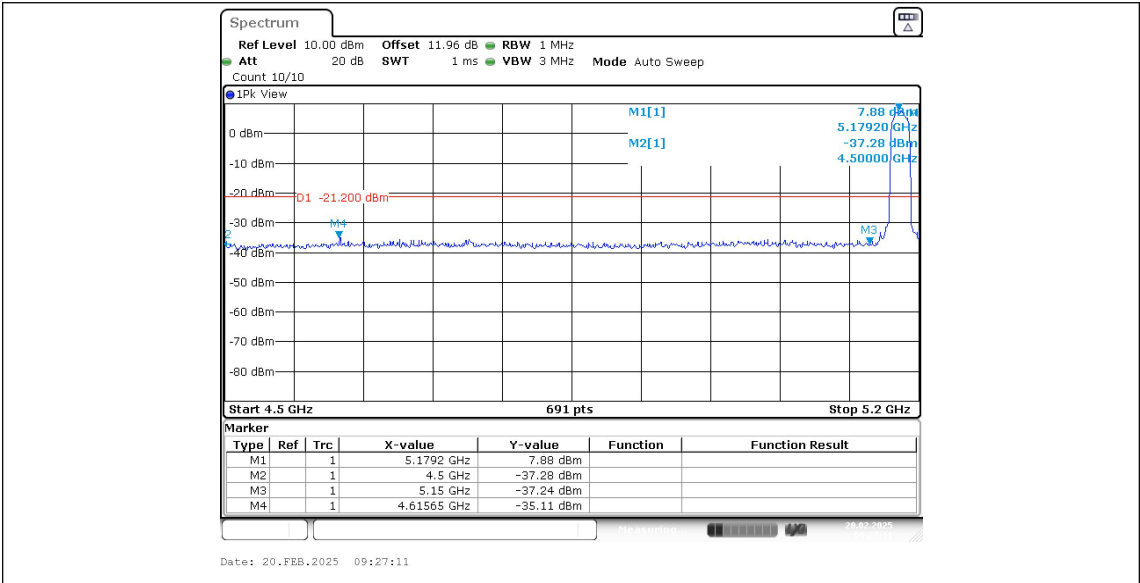
11A_Ant1_High_5825_Peak



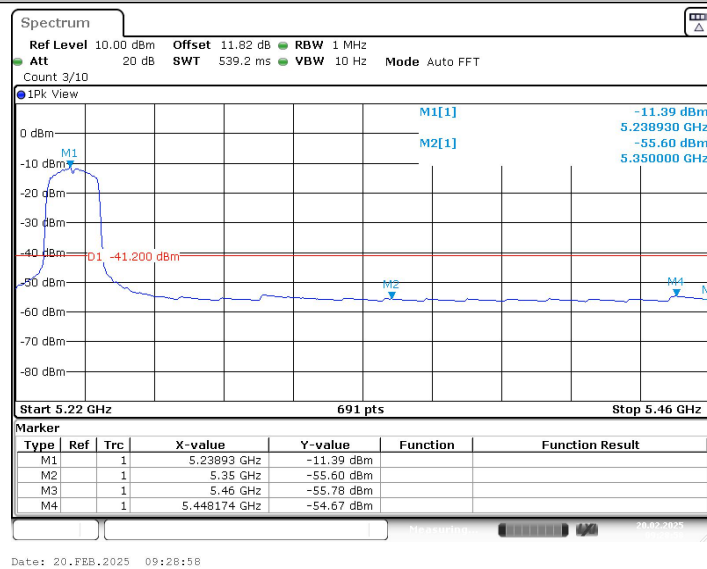
11N20SISO_Ant1_Low_5180_AV



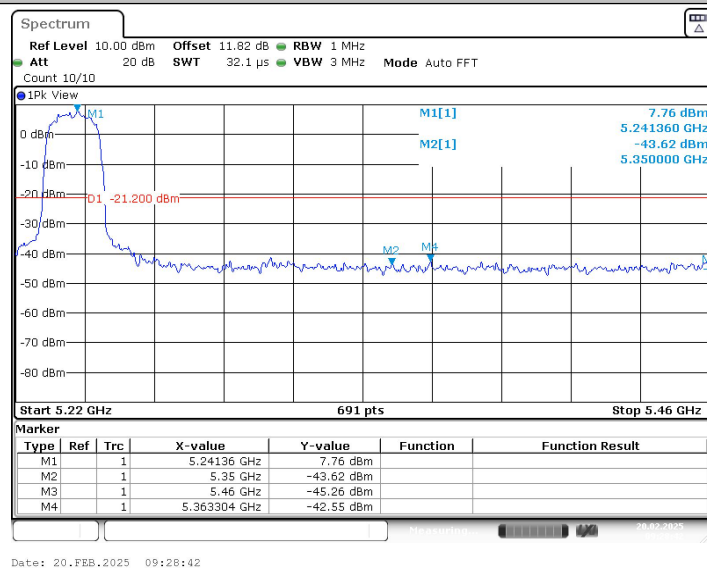
11N20SISO_Ant1_Low_5180_Peak



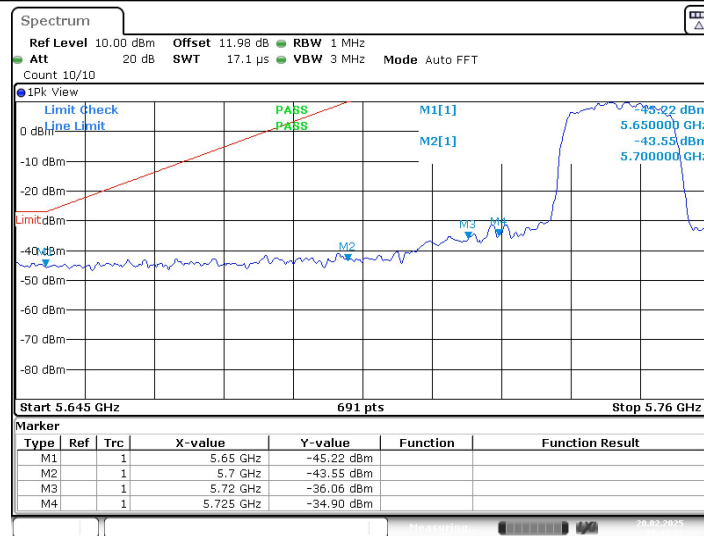
11N20SISO_Ant1_High_5240_AV



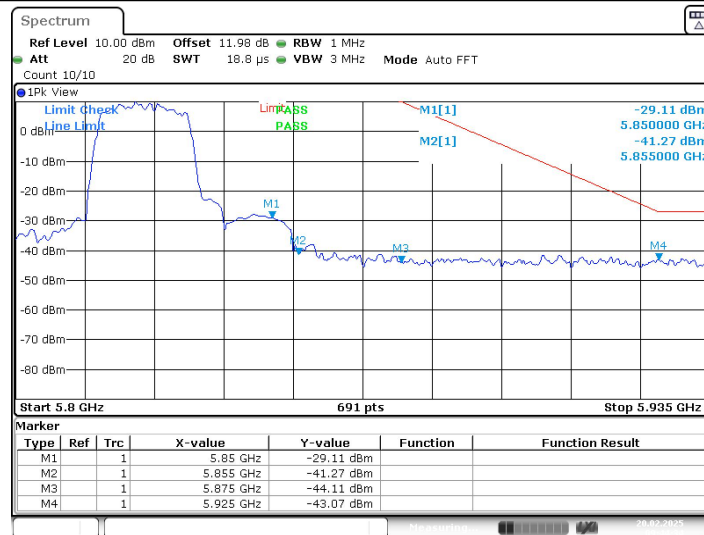
11N20SISO_Ant1_High_5240_Peak



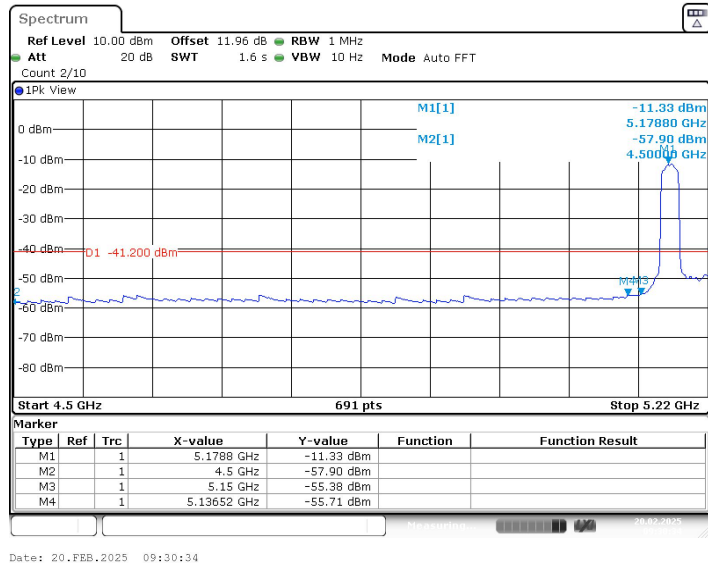
11N20SISO_Ant1_Low_5745_Peak



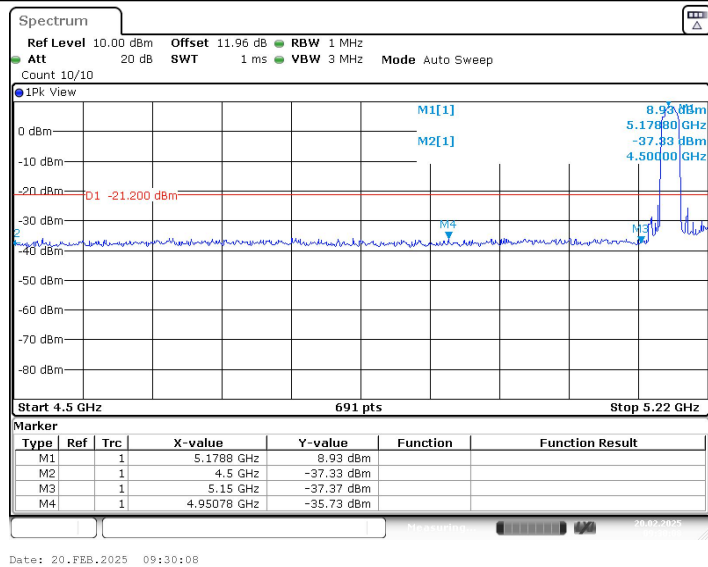
11N20SISO_Ant1_High_5825_Peak



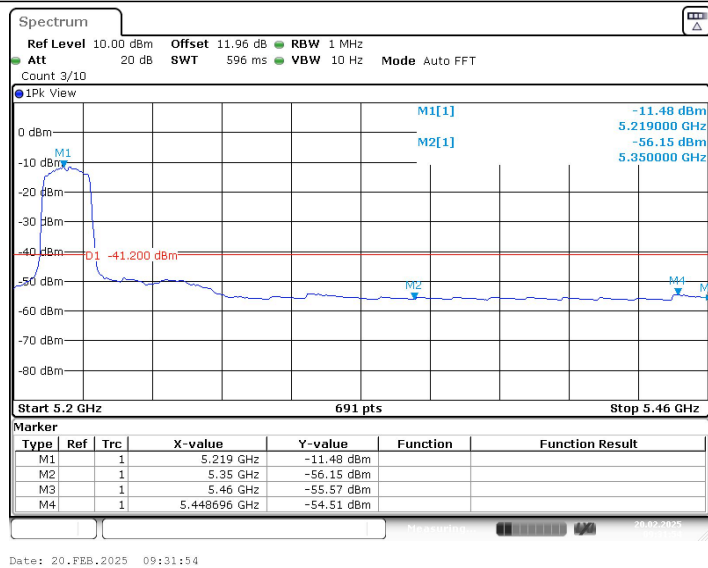
11N40SISO_Ant1_Low_5190_AV



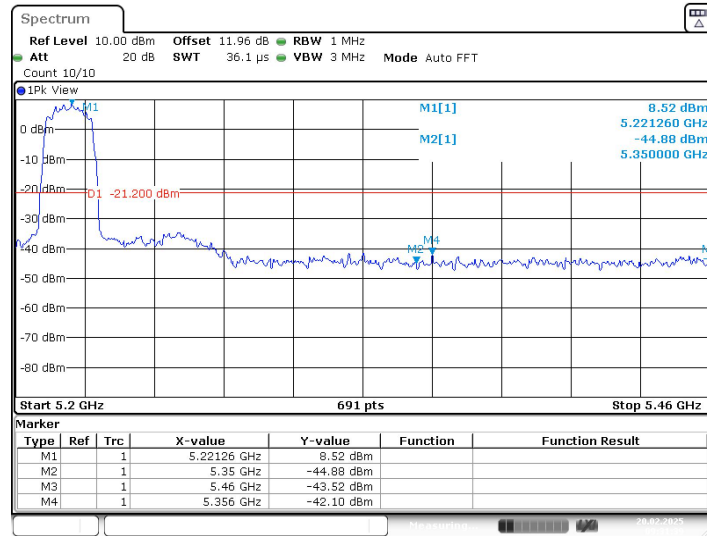
11N40SISO_Ant1_Low_5190_Peak



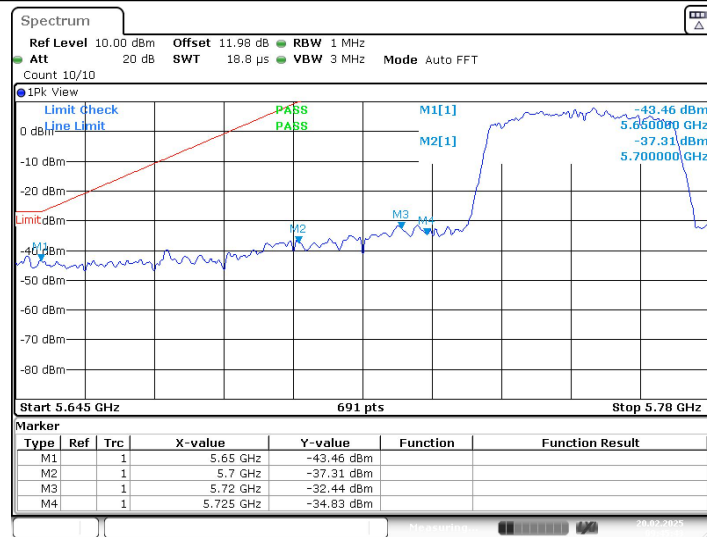
11N40SISO_Ant1_High_5230_AV



11N40SISO_Ant1_High_5230_Peak



11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak