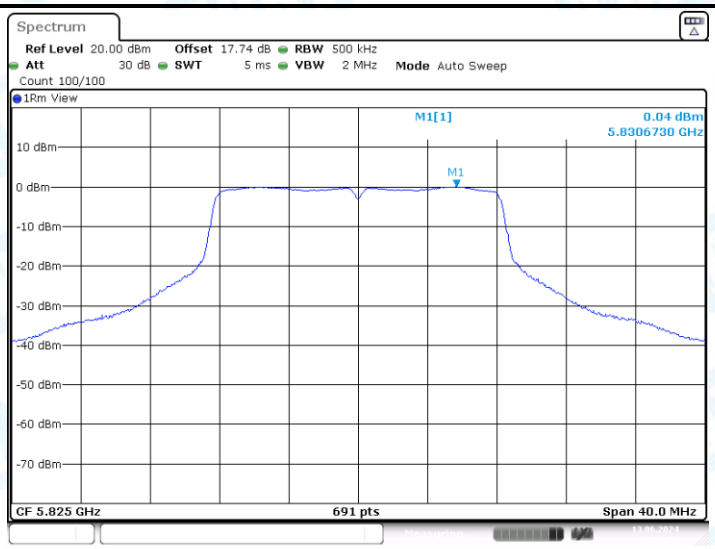
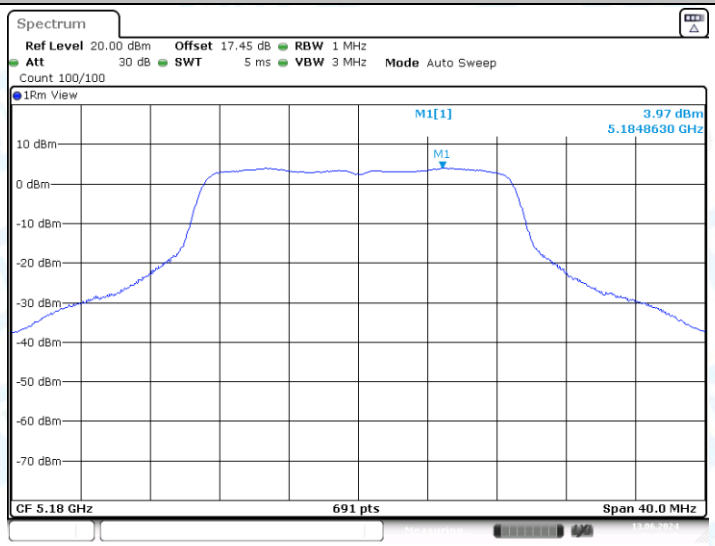
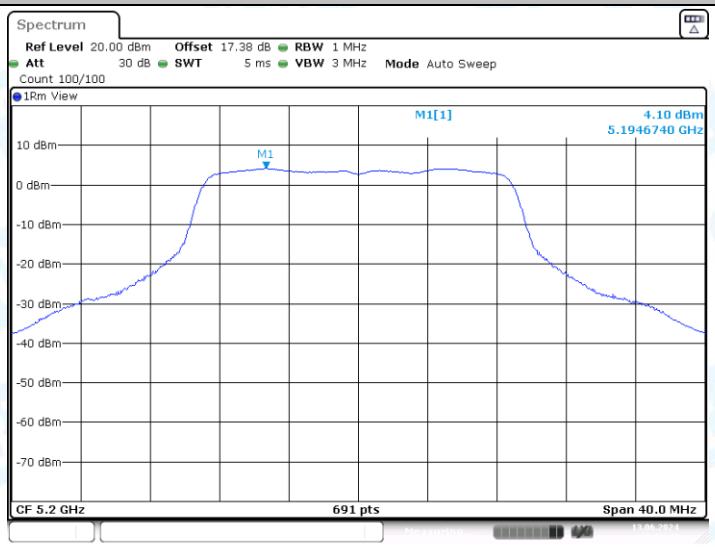


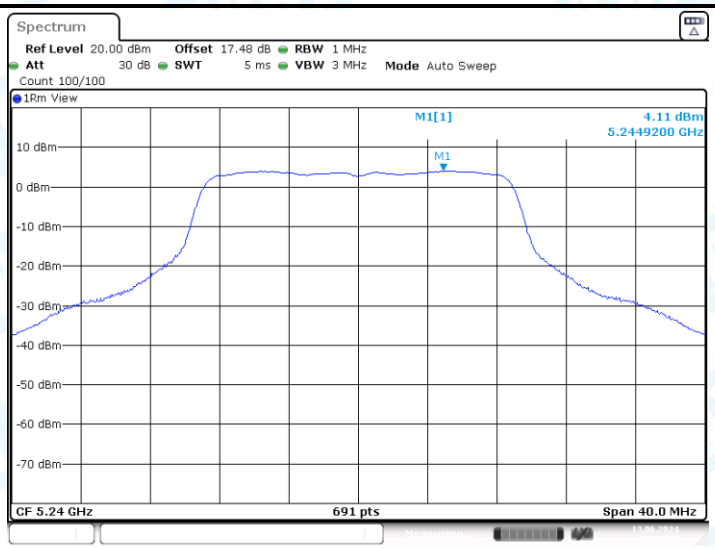
11N20SISO_Ant1_5180



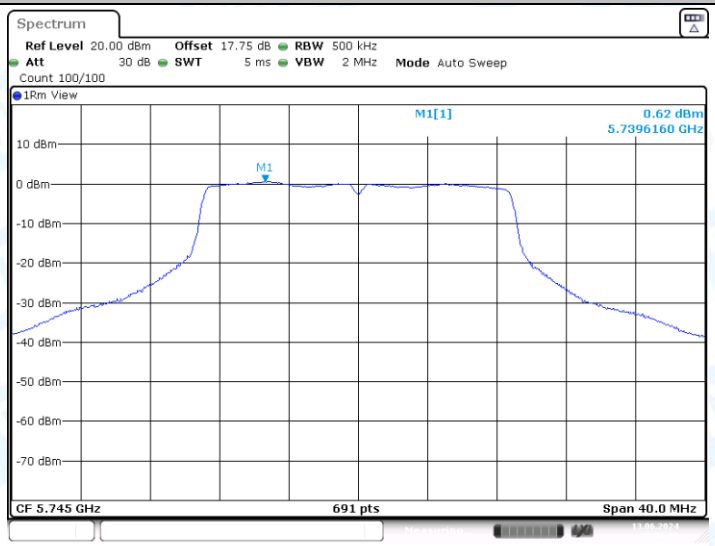
11N20SISO_Ant1_5200



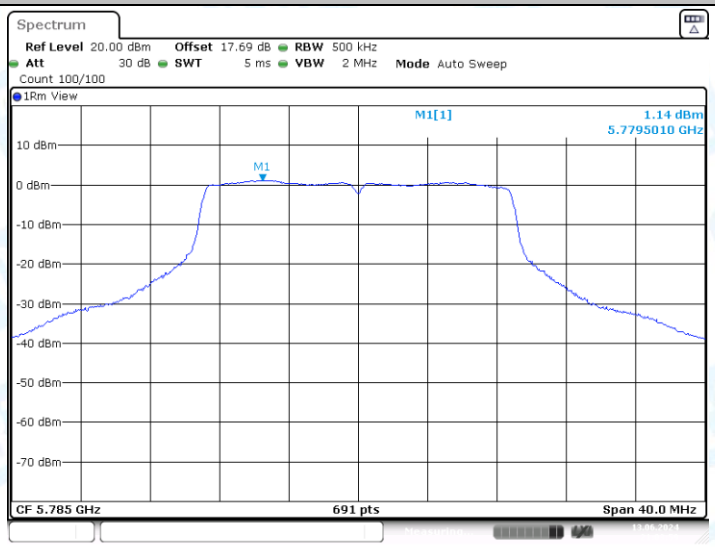
11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



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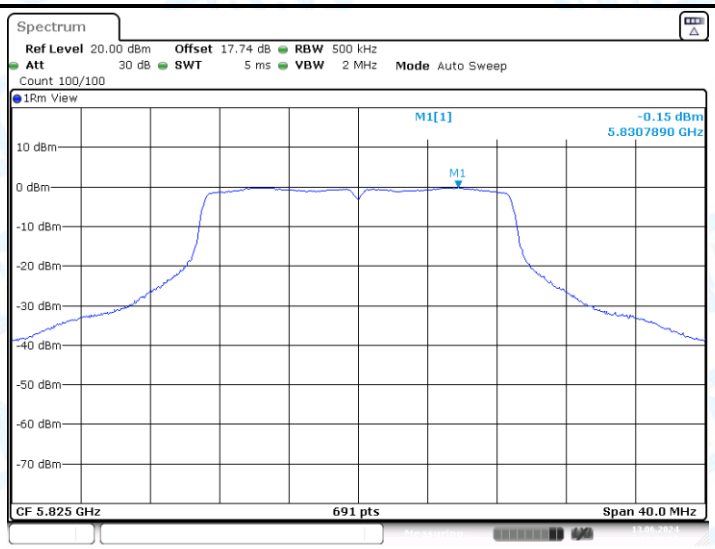
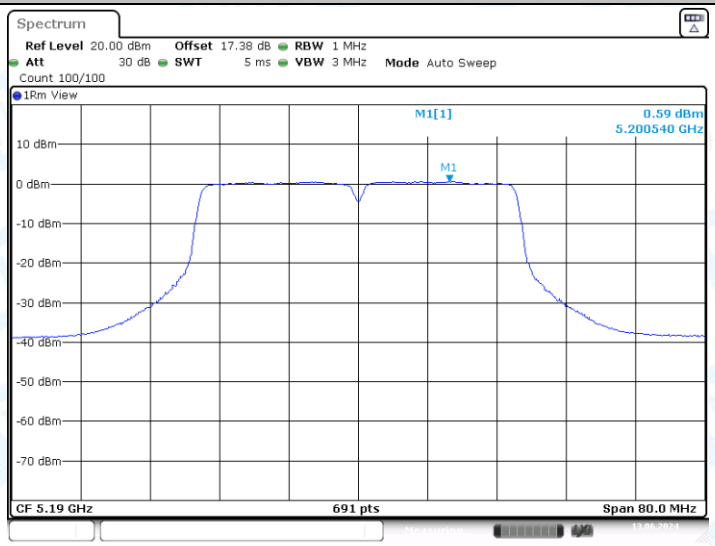
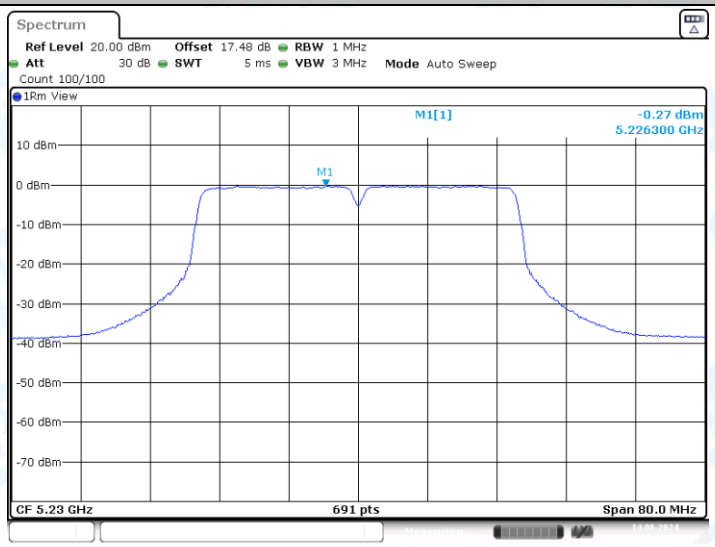


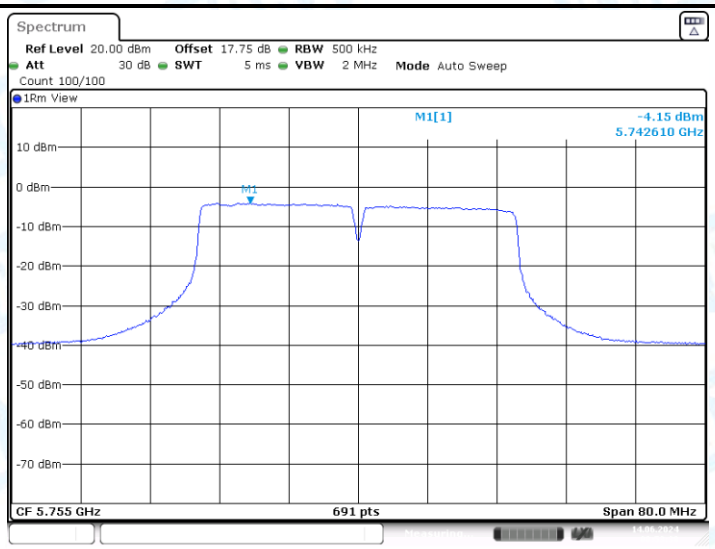
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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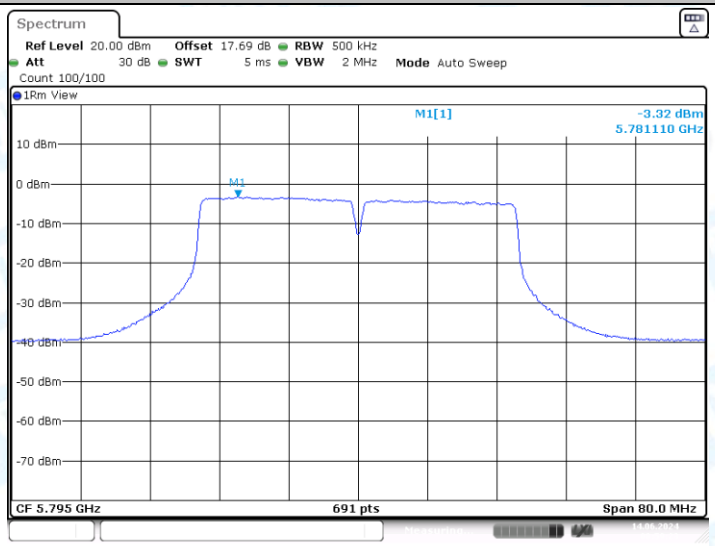
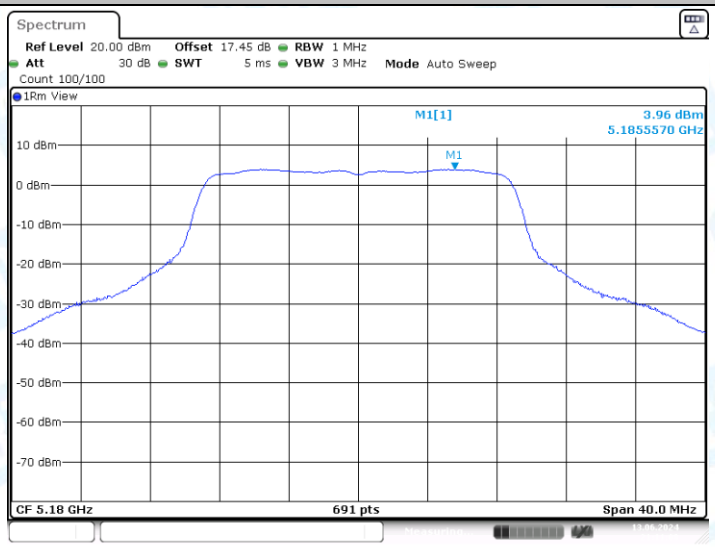
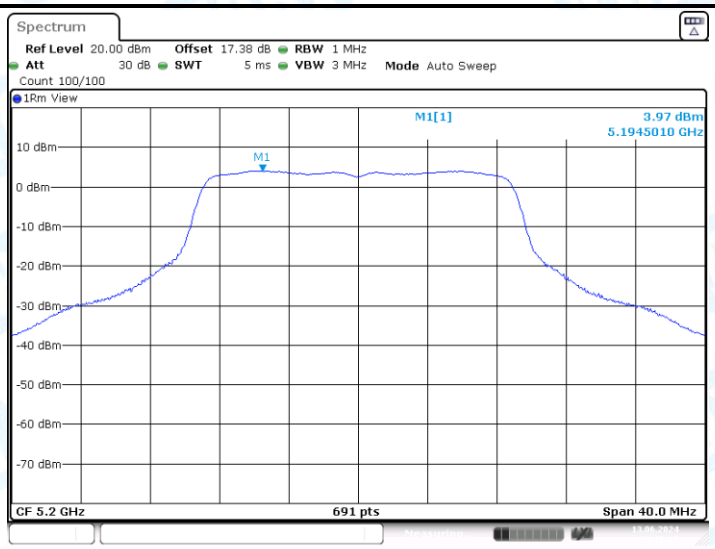


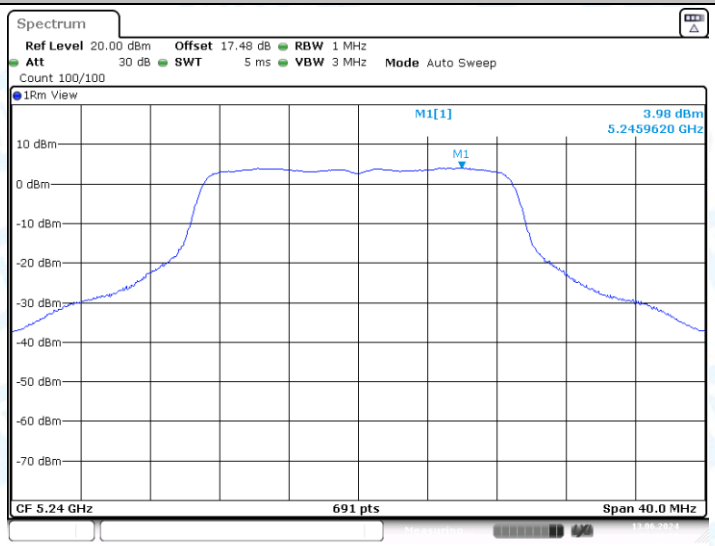
11AC20SISO_Ant1_5180



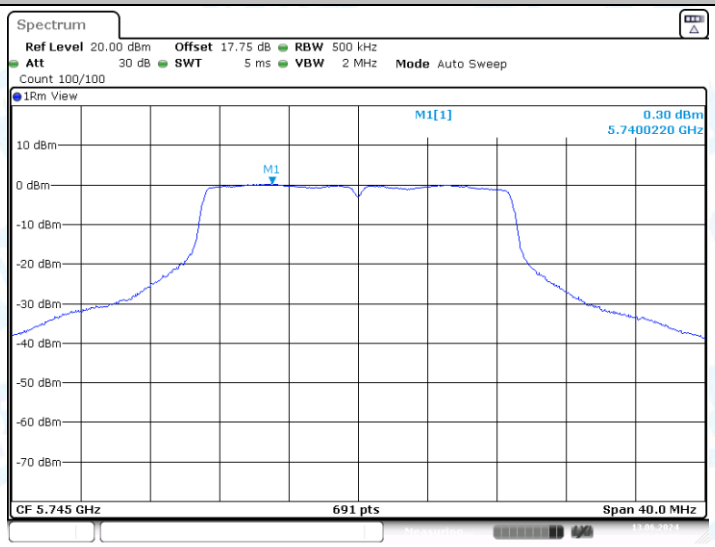
11AC20SISO_Ant1_5200



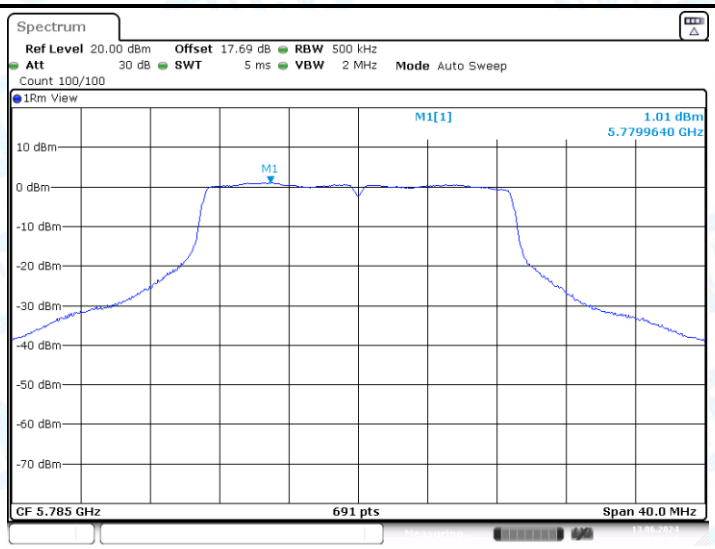
11AC20SISO_Ant1_5240



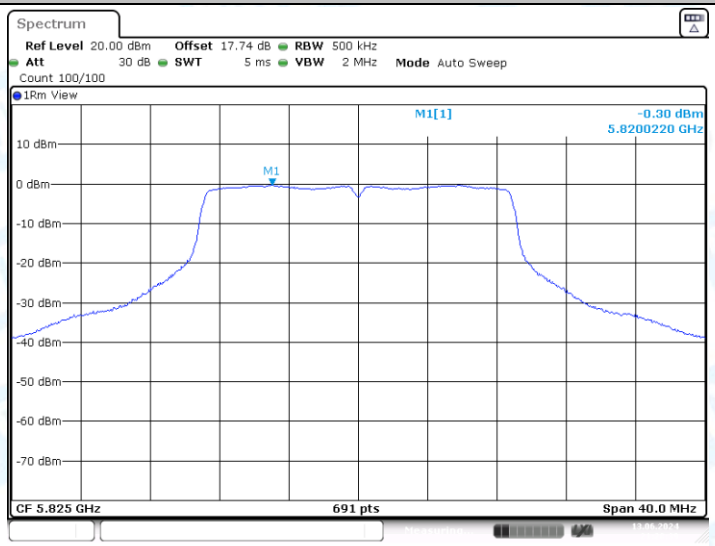
11AC20SISO_Ant1_5745



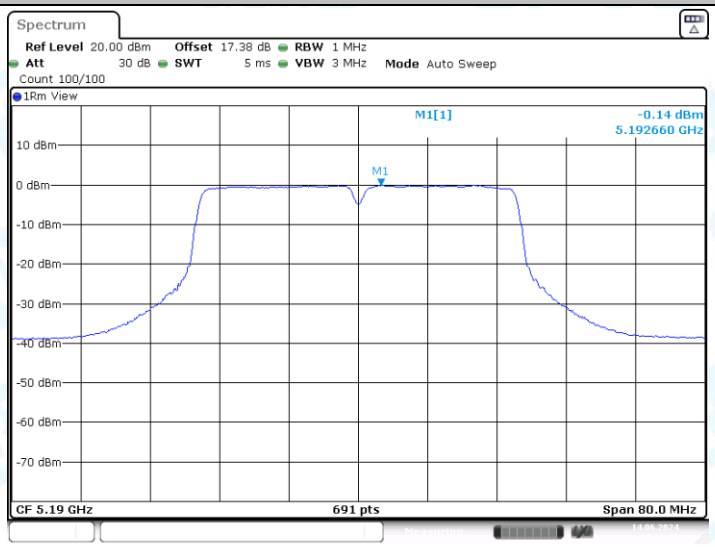
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



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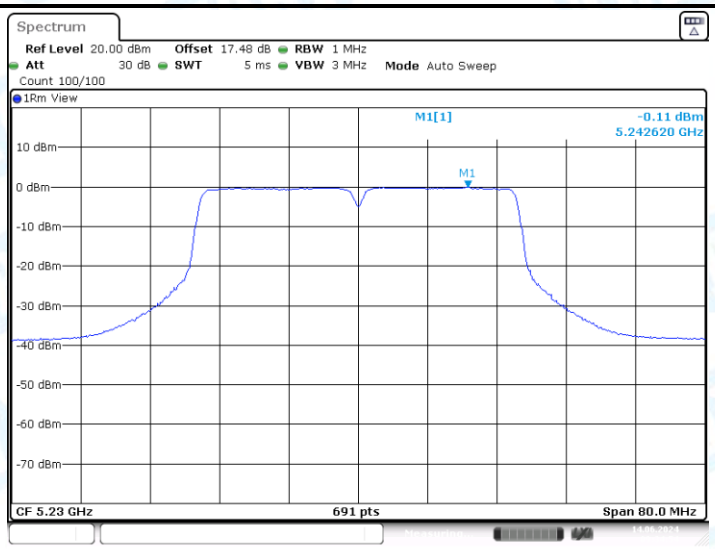

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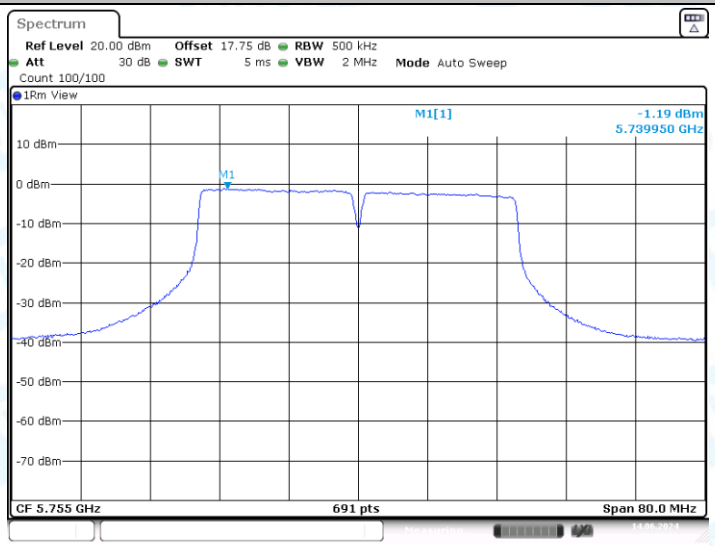
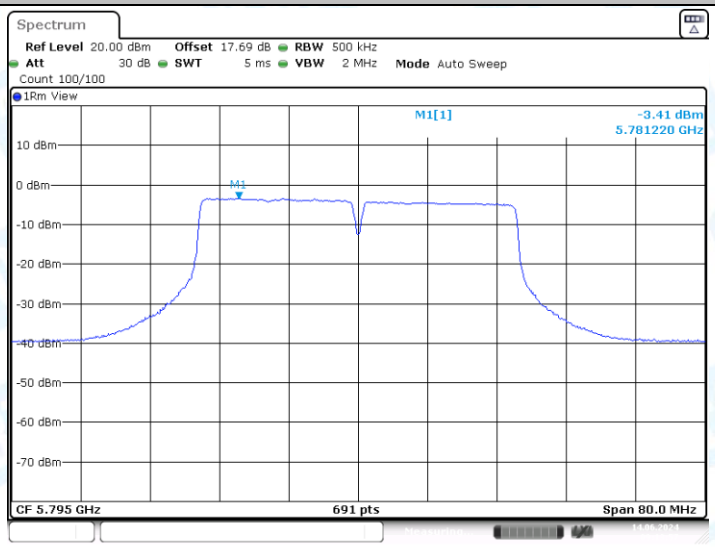
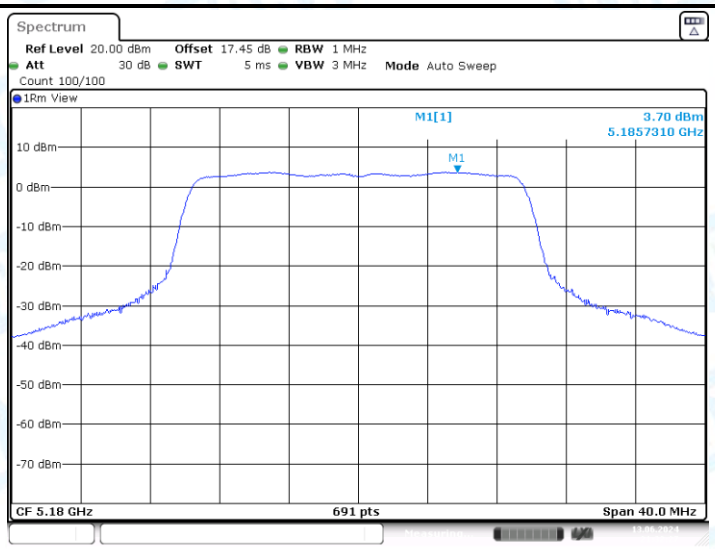


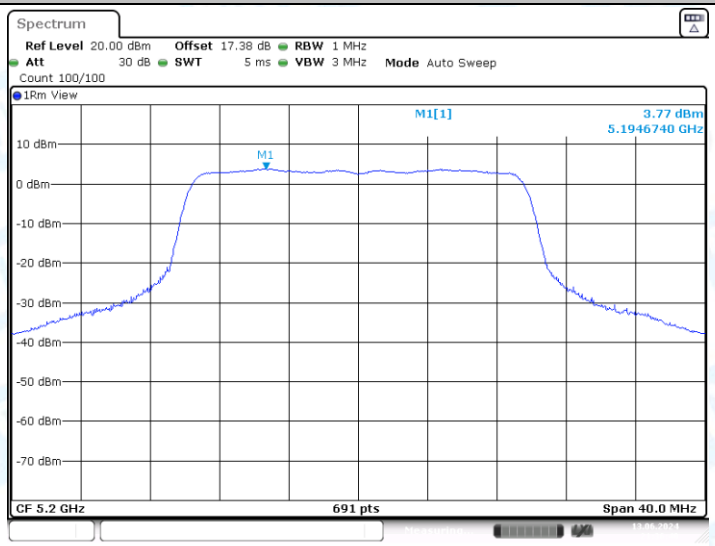
11AC40SISO_Ant1_5795



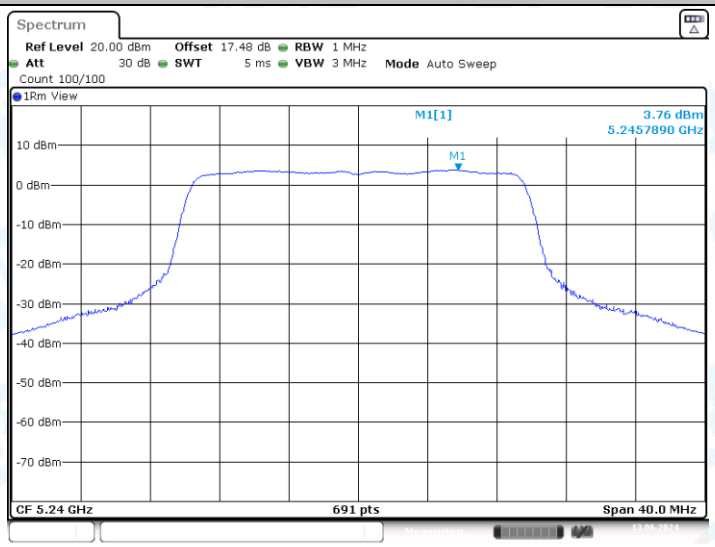
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



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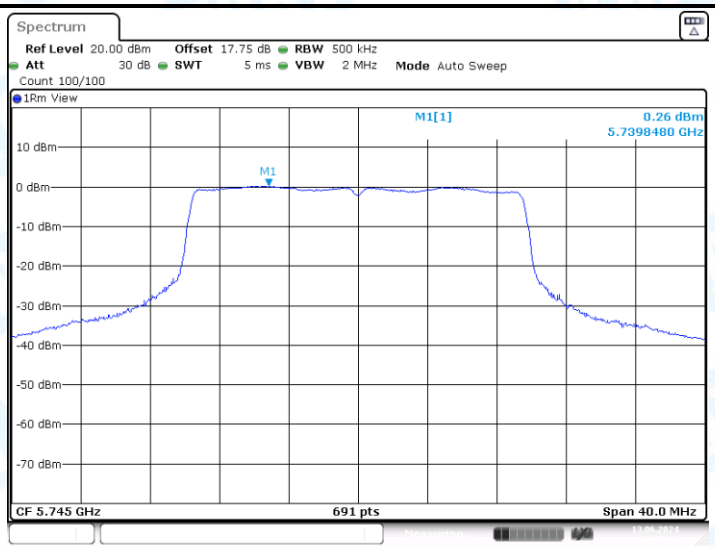
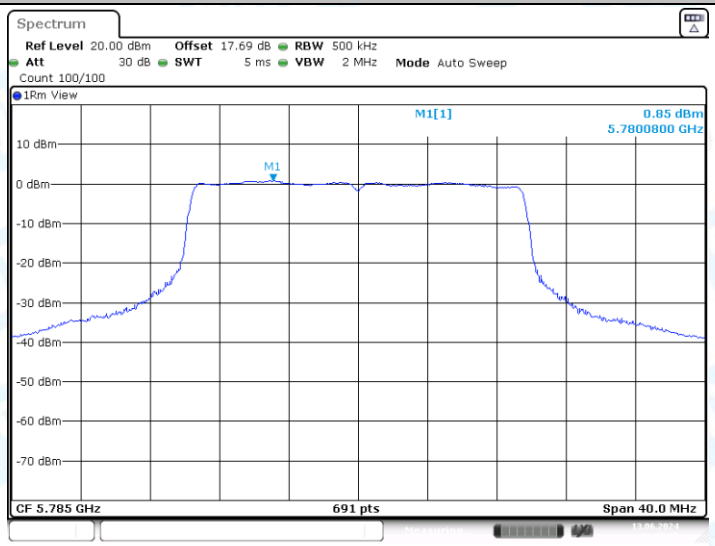


11AX20SISO_Ant1_5785



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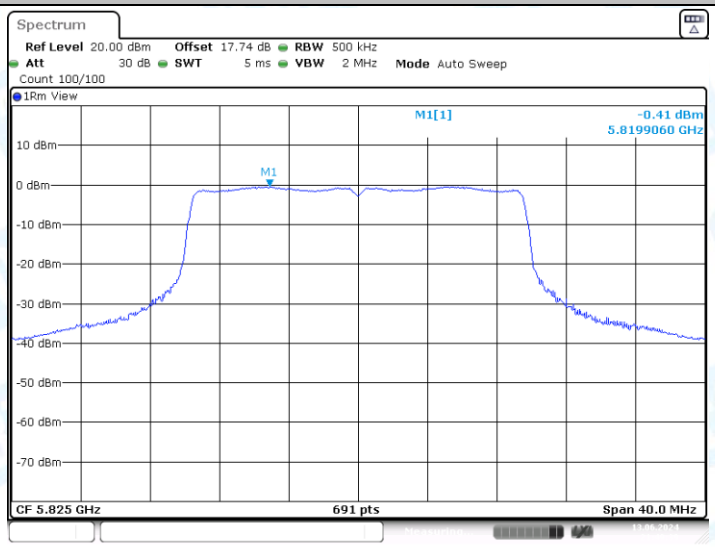
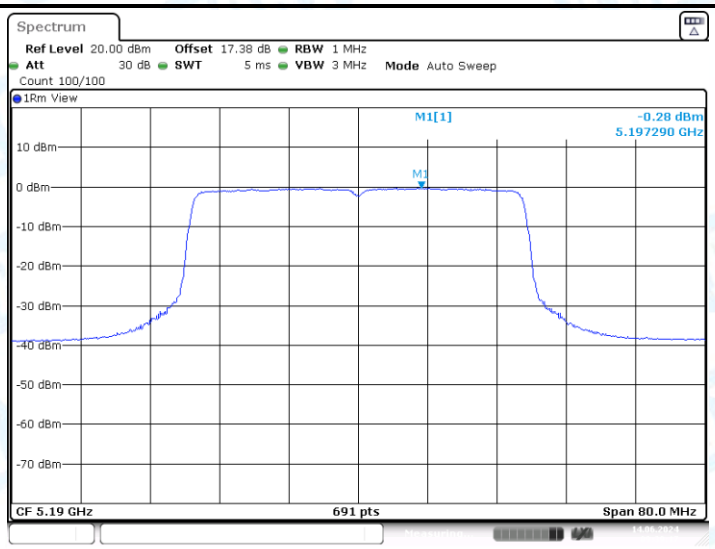
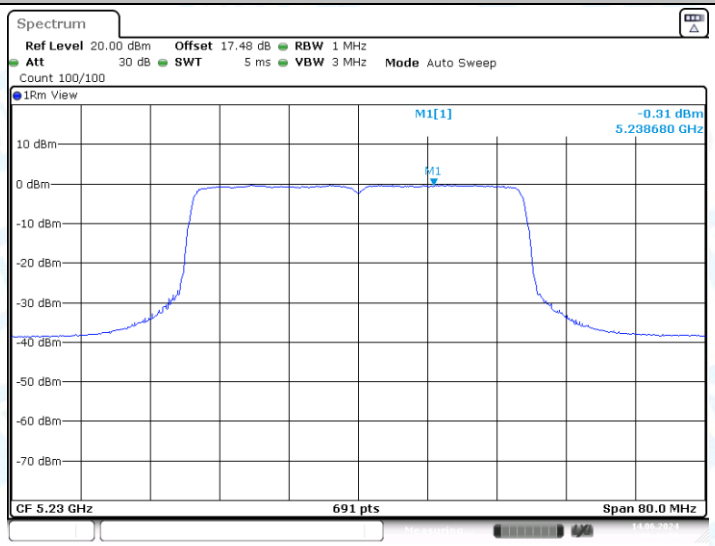


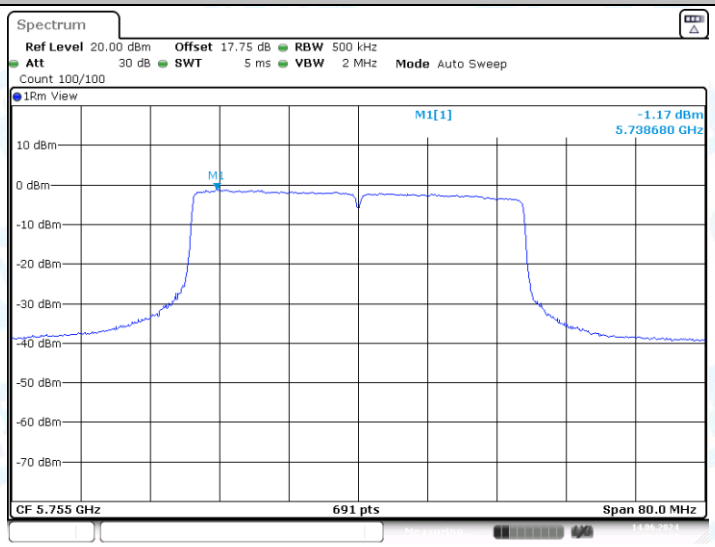
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



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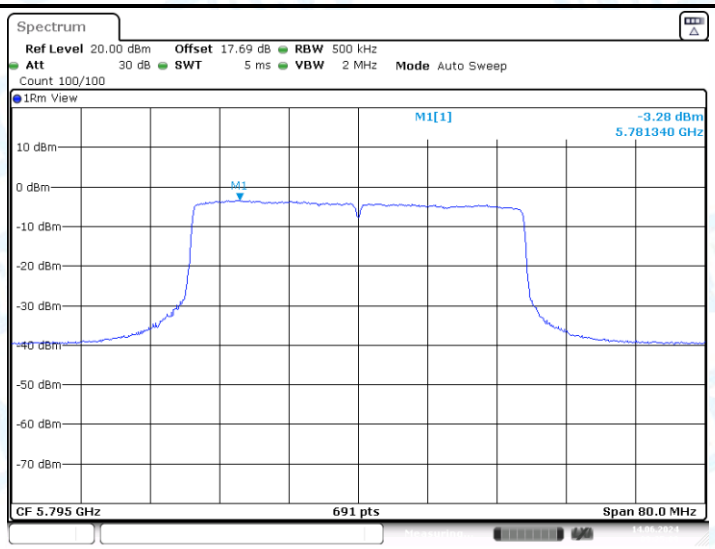

Spectrum
Ref Level 20.00 dBm Offset 17.69 dB RBW 500 kHz
Att 30 dB SWT 5 ms VBW 2 MHz Mode Auto Sweep
Count 100/100
1Rm View
M1[1] -3.28 dBm
5.781340 GHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
M1
CF 5.795 GHz
691 pts
Span 80.0 MHz
Date: 14.JUN.2024 09:25:08

6. Band edge measurements

6.1.Test Result

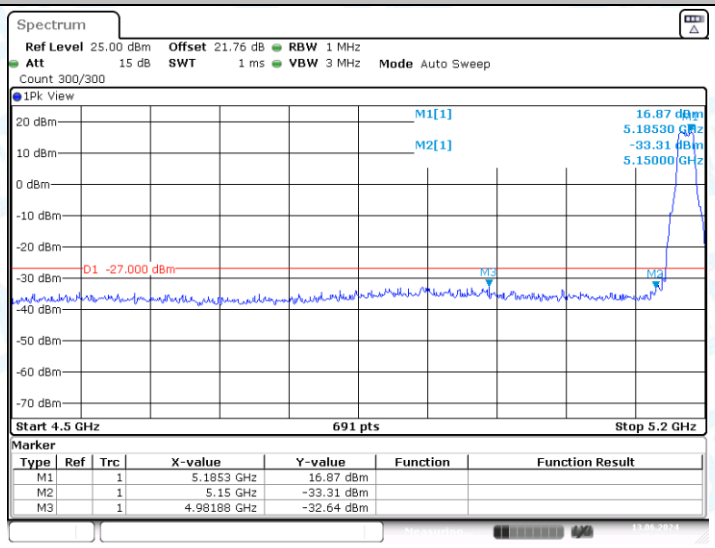
TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-32.64	≤-27	PASS
		High	5240	-31.88	≤-27	PASS
11N20SISO	Ant1	Low	5180	-32.38	≤-27	PASS
		High	5240	-32.02	≤-27	PASS
11N40SISO	Ant1	Low	5190	-32.01	≤-27	PASS
		High	5230	-33.76	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-32.8	≤-27	PASS
		High	5240	-32.79	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-32	≤-27	PASS
		High	5230	-32.03	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-31.73	≤-27	PASS
		High	5240	-31.92	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-32.1	≤-27	PASS
		High	5230	-32.52	≤-27	PASS

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-32.99	≤-26.01	PASS
				5700~5720	-32.99	≤13.55	PASS
				5720~5725	-24.21	≤27.00	PASS
				5760~5650	-32.66	≤-27	PASS
		High	5825	5850~5855	-33.02	≤26.06	PASS
				5855~5875	-34.57	≤11.36	PASS
				5875~5925	-34.23	≤-15.32	PASS
				5925~5935	-35.48	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-33.18	≤-19.23	PASS
				5700~5720	-33.51	≤12.85	PASS
				5720~5725	-23.96	≤27.00	PASS
				5760~5650	-32.92	≤-27	PASS
		High	5825	5850~5855	-32.83	≤17.58	PASS
				5855~5875	-34.51	≤15.09	PASS
				5875~5925	-33.84	≤-5.33	PASS
				5925~5935	-34.49	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-32.88	≤-9.85	PASS
				5700~5720	-27.2	≤15.58	PASS
				5720~5725	-23.92	≤26.16	PASS
				5780~5650	-31.64	≤-27	PASS
		High	5795	5850~5855	-34.67	≤15.85	PASS
				5855~5875	-33.84	≤13.38	PASS

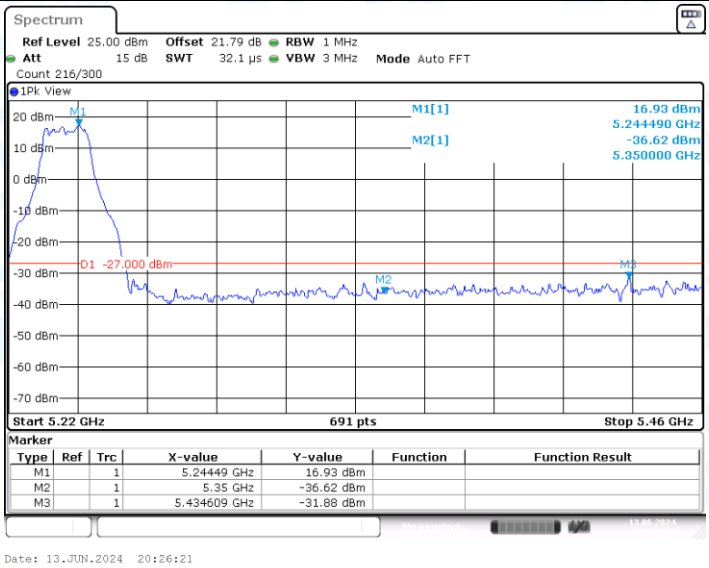
				5875~5925	-33.83	≤-9.32	PASS
				5925~5935	-34.54	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-33.05	≤-15.90	PASS
				5700~5720	-28.53	≤15.55	PASS
				5720~5725	-24.02	≤25.10	PASS
				5760~5650	-32.23	≤-27	PASS
		High	5825	5850~5855	-32.13	≤26.95	PASS
				5855~5875	-32.19	≤10.05	PASS
				5875~5925	-35.21	≤7.84	PASS
				5925~5935	-34.66	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-30.74	≤-13.18	PASS
				5700~5720	-22.77	≤15.53	PASS
				5720~5725	-18.85	≤26.60	PASS
				5780~5650	-31.45	≤-27	PASS
		High	5795	5850~5855	-34.77	≤22.39	PASS
				5855~5875	-34.68	≤13.38	PASS
				5875~5925	-33.69	≤9.61	PASS
				5925~5935	-35.23	≤-27	PASS
11AX20SISO	Ant1	Low	5745	5650~5700	-31.2	≤-24.66	PASS
				5700~5720	-26.34	≤15.60	PASS
				5720~5725	-20.35	≤27.00	PASS
				5760~5650	-30.57	≤-27	PASS
		High	5825	5850~5855	-32.75	≤18.03	PASS
				5855~5875	-33	≤10.16	PASS
				5875~5925	-33.94	≤8.71	PASS
				5925~5935	-33.88	≤-27	PASS
11AX40SISO	Ant1	Low	5755	5650~5700	-31.13	≤3.61	PASS
				5700~5720	-23.03	≤14.71	PASS
				5720~5725	-20.46	≤26.60	PASS
				5780~5650	-30.71	≤-27	PASS
		High	5795	5850~5855	-33.26	≤26.21	PASS
				5855~5875	-33.52	≤13.92	PASS
				5875~5925	-33.45	≤7.84	PASS
				5925~5935	-34	≤-27	PASS

6.2.Test Graphs

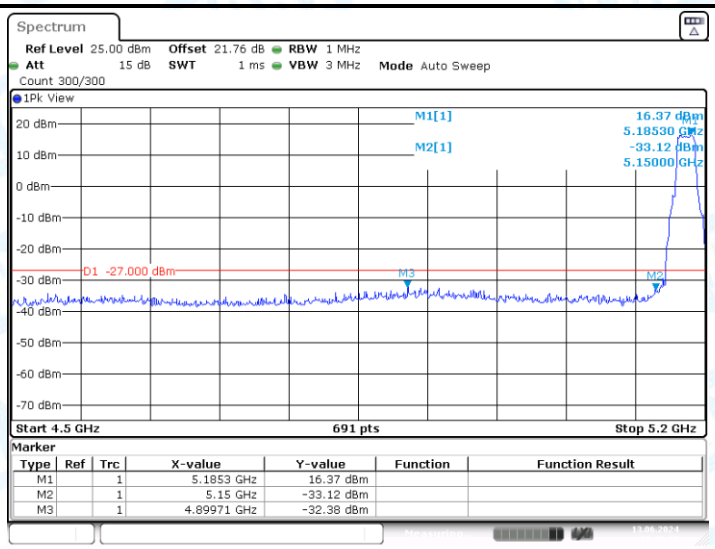
11A_Ant1_Low_5180



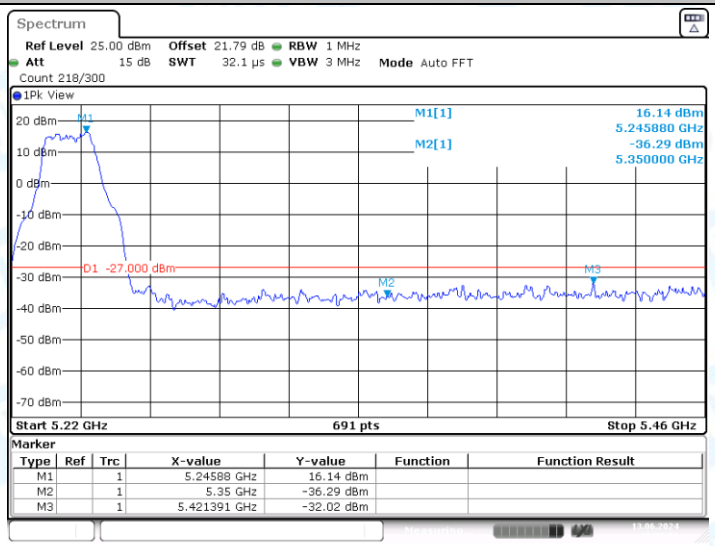
11A_Ant1_High_5240



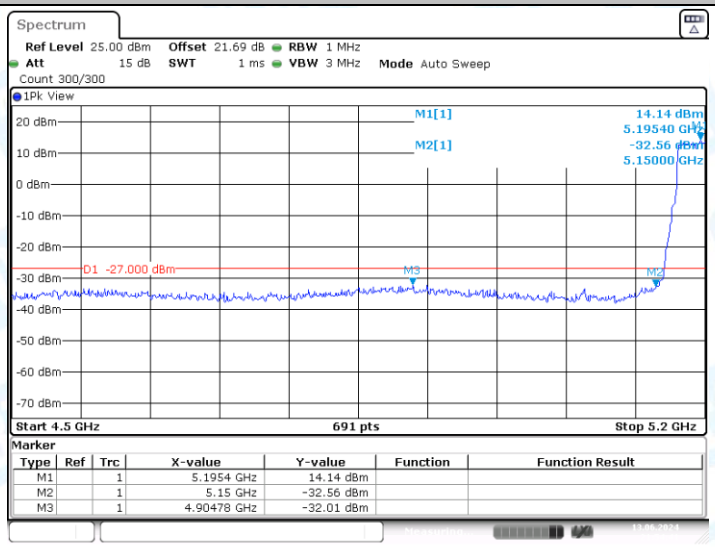
11N20SISO_Ant1_Low_5180



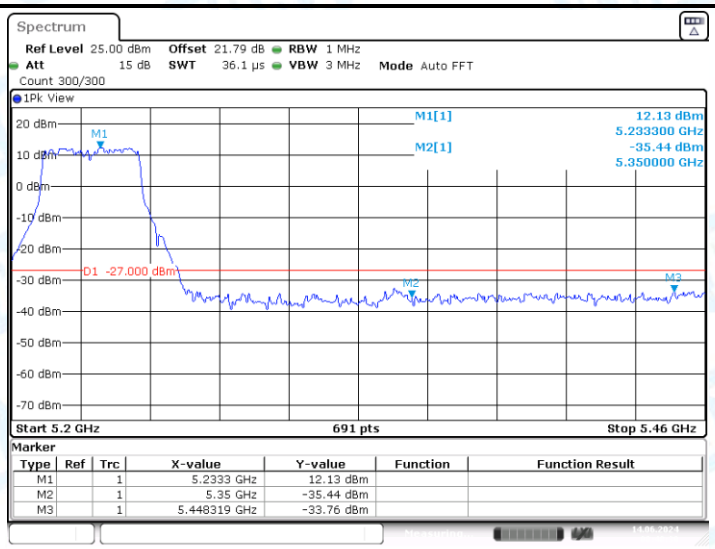
11N20SISO_Ant1_High_5240



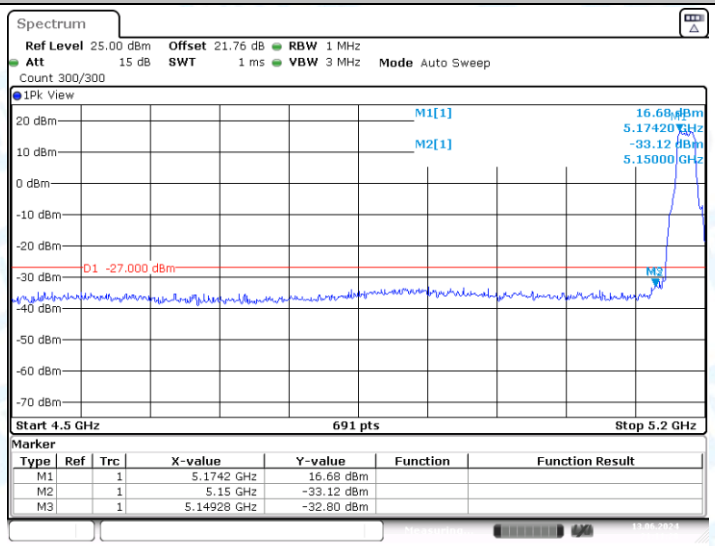
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



11AC20SISO_Ant1_Low_5180



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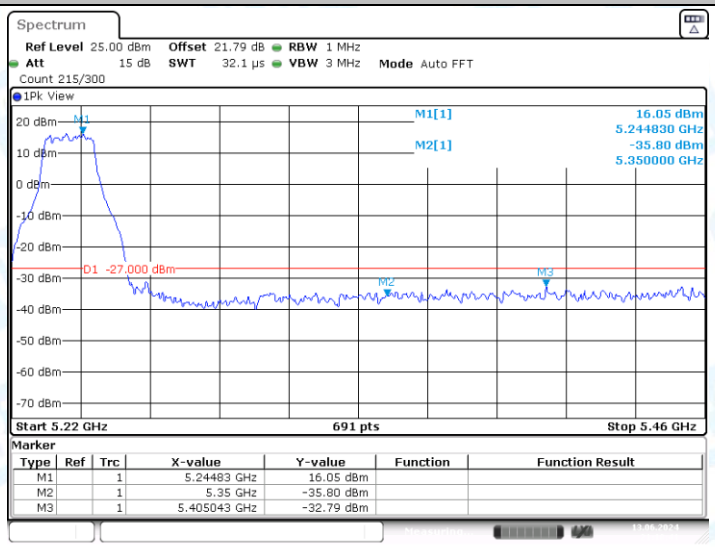
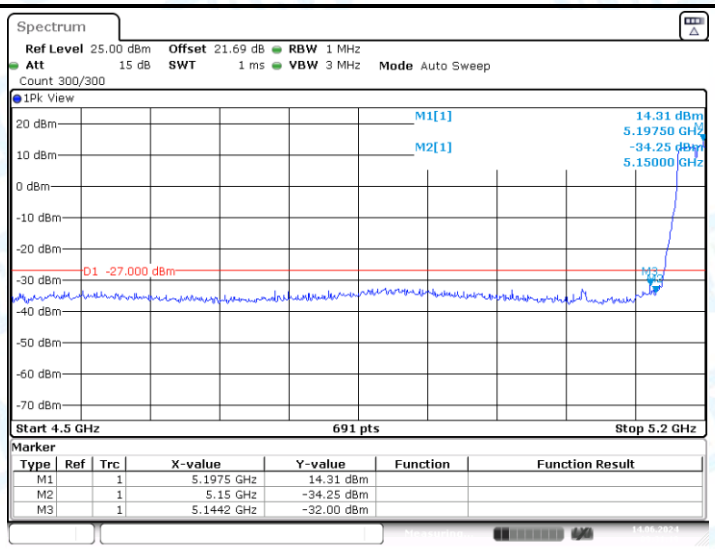
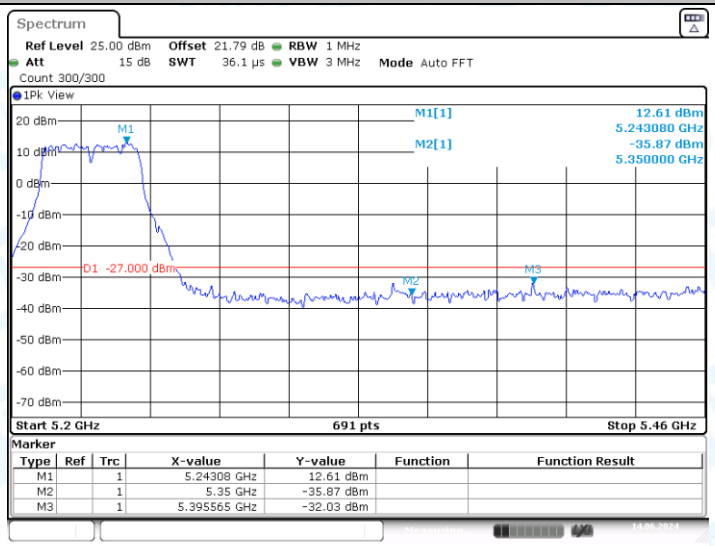


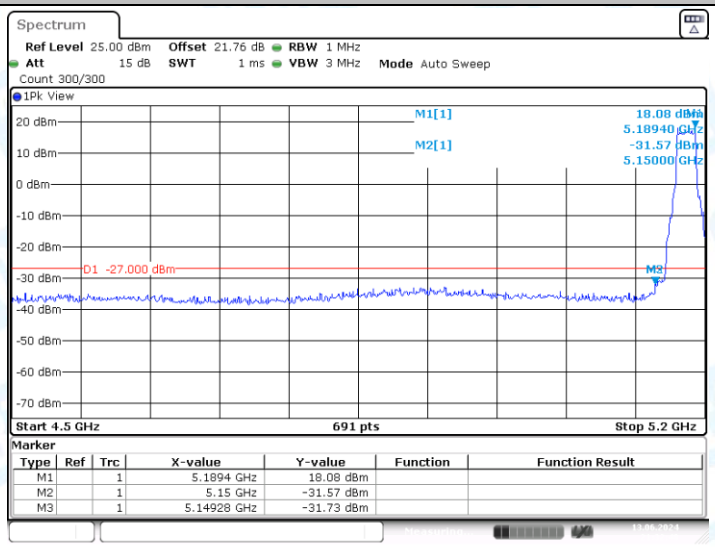
11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AX20SISO_Ant1_Low_5180



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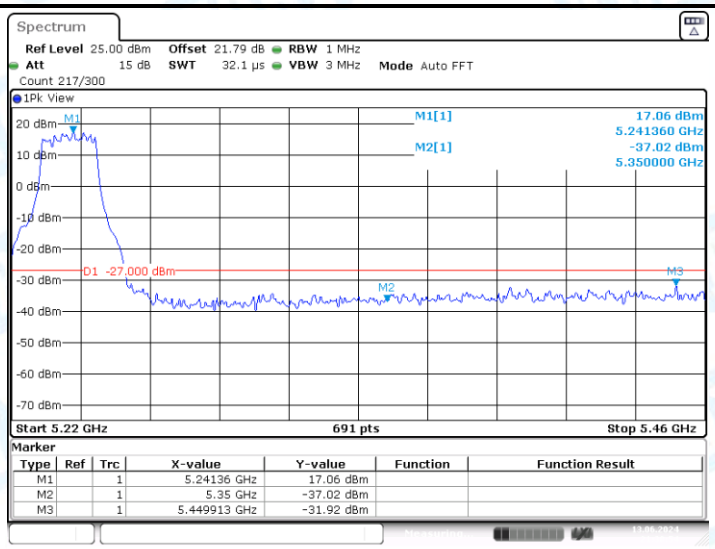

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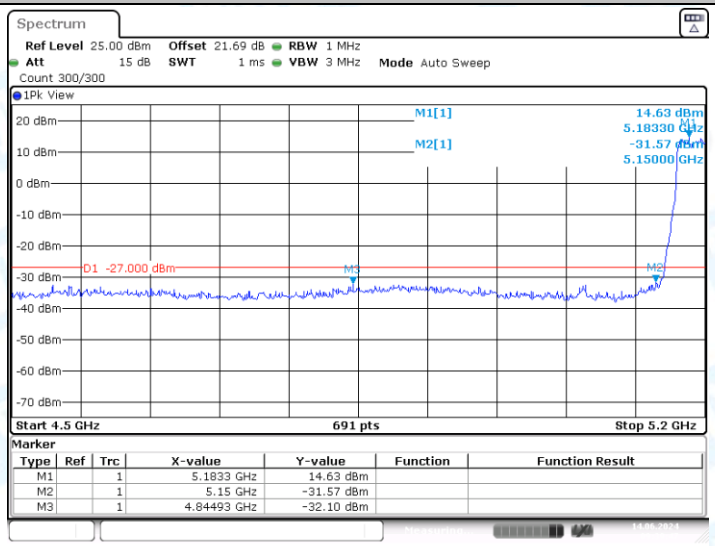
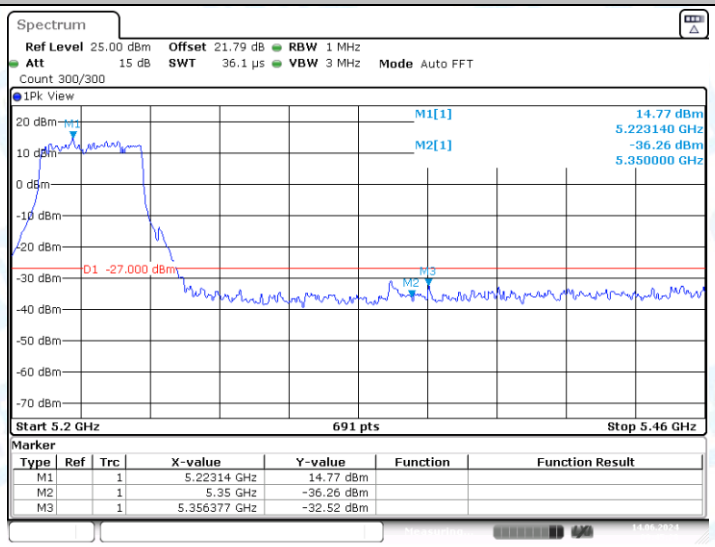
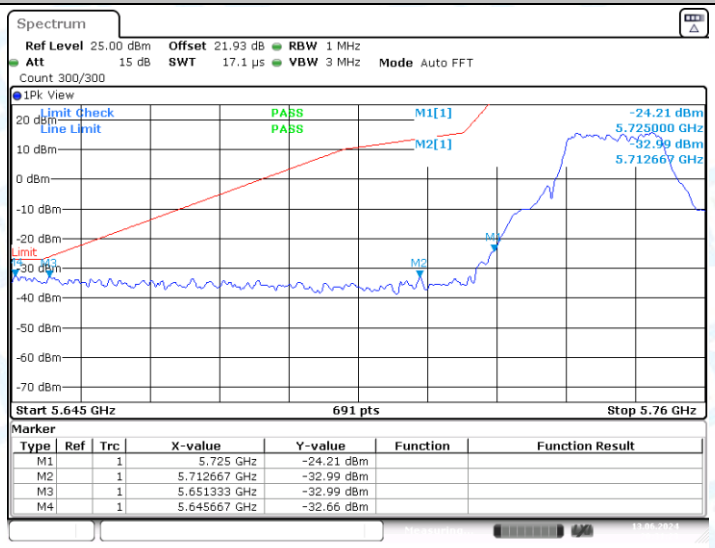


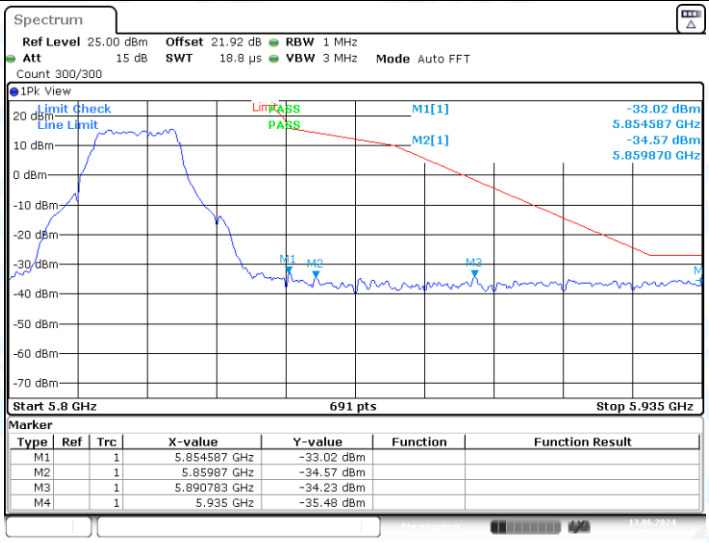
11AX40SISO_Ant1_High_5230



11A_Ant1_Low_5745



11A_Ant1_High_5825



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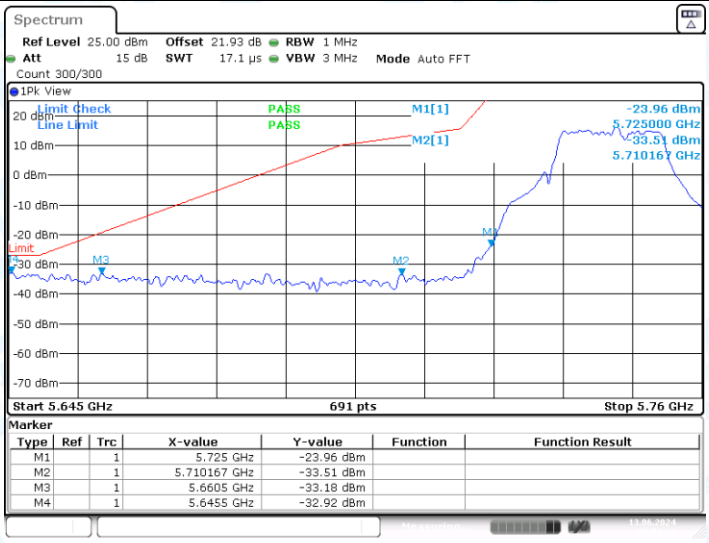

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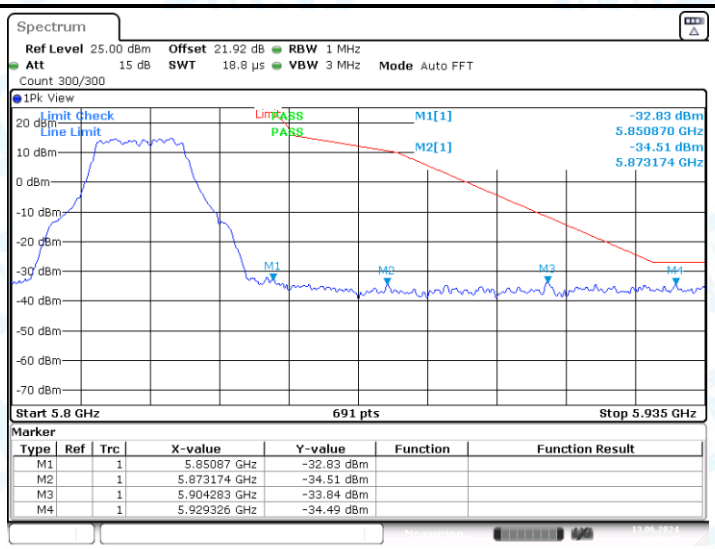

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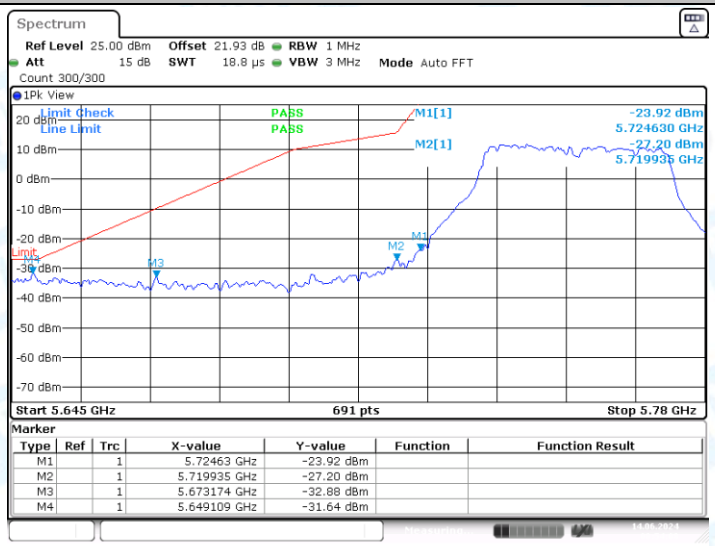

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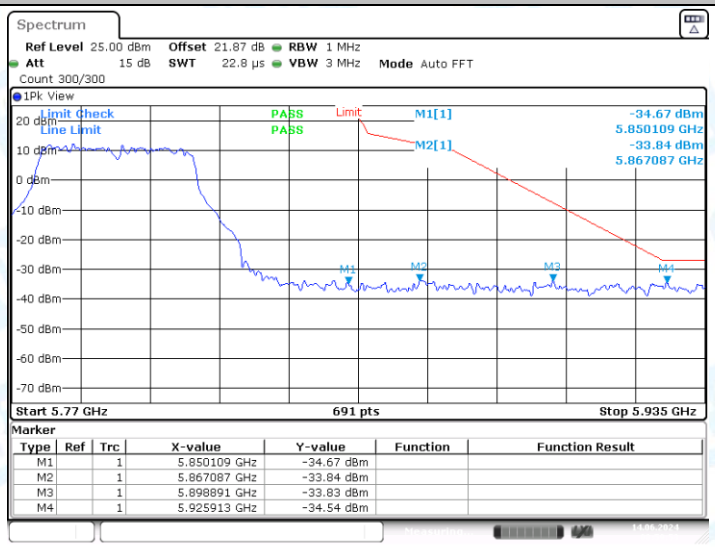
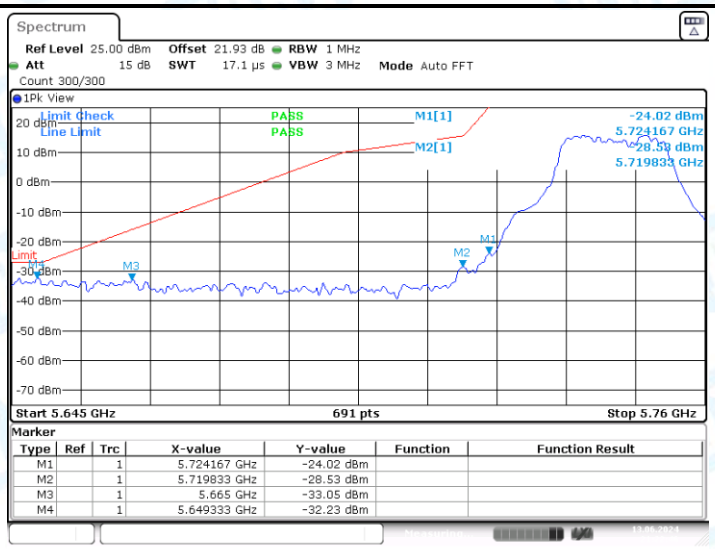


11AC20SISO_Ant1_Low_5745



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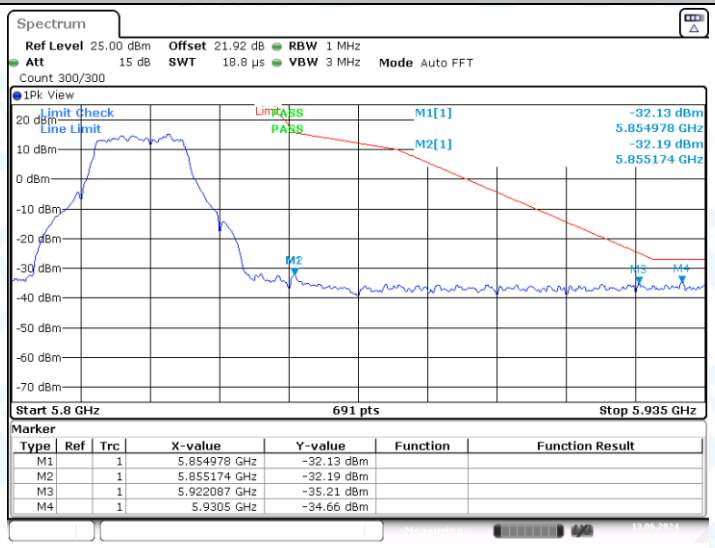

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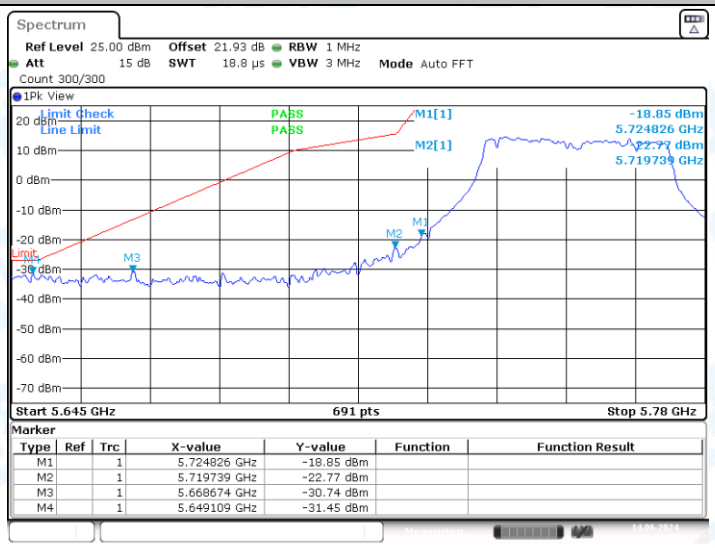
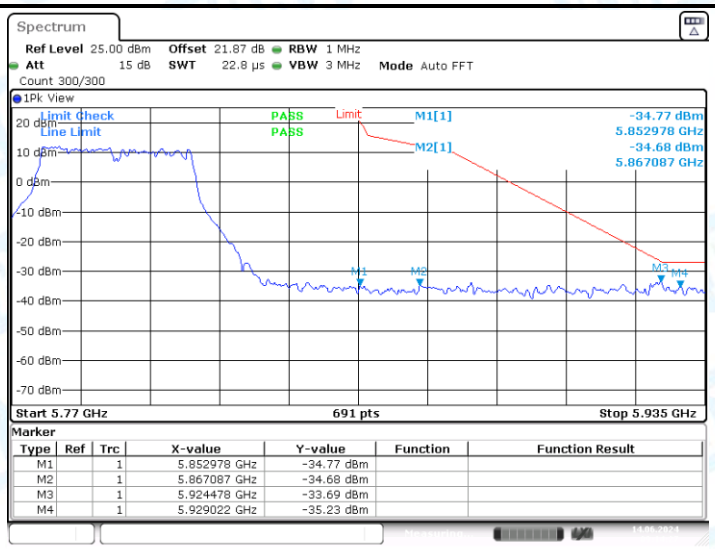
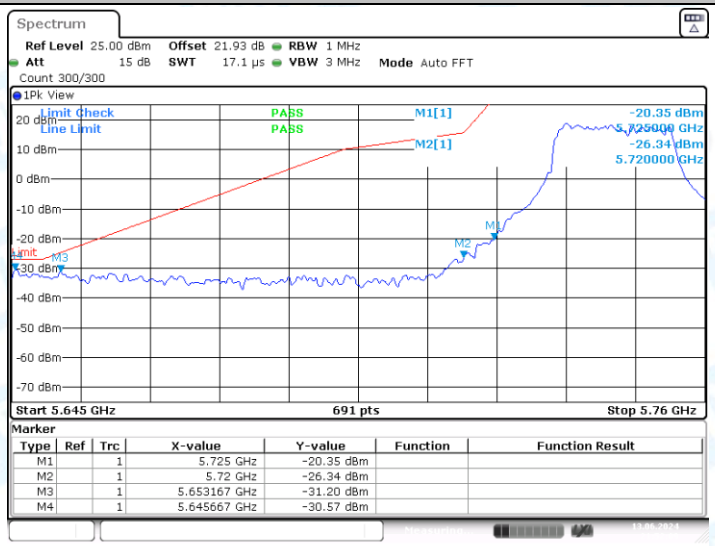


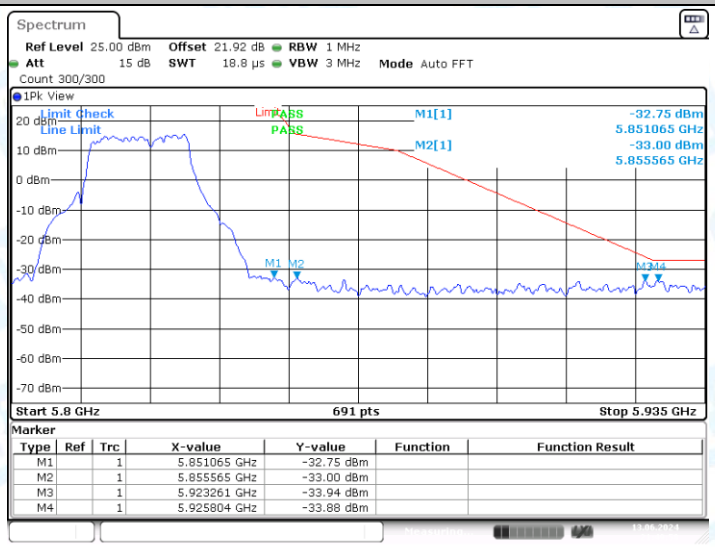
11AC40SISO_Ant1_High_5795



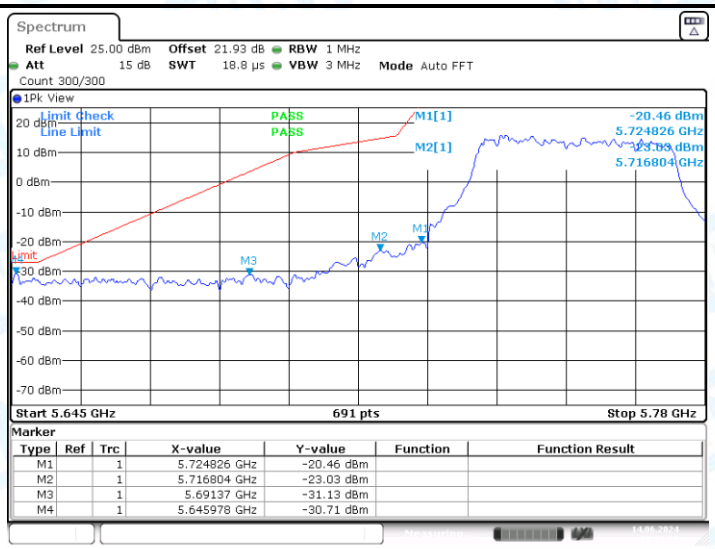
11AX20SISO_Ant1_Low_5745



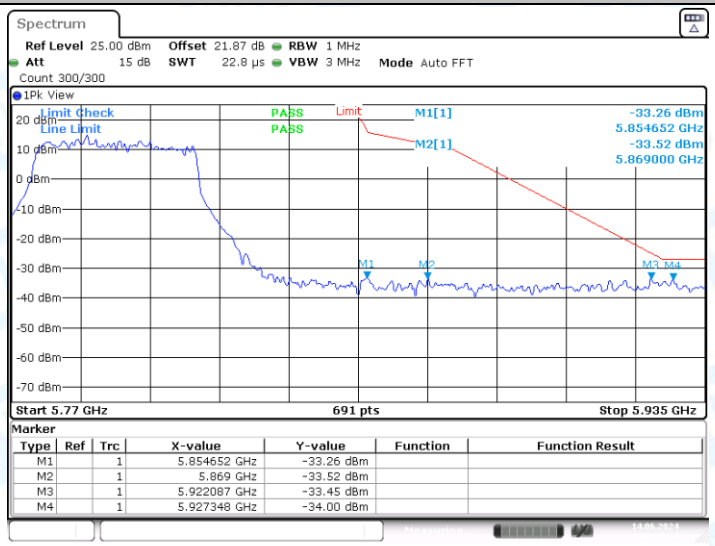
11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



7. Emissions in Restricted Bands

7.1.Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.43	≤-41.20	PASS
				AV	5149.275	-42.15	≤-41.20	PASS
				AV	5150.000	-41.44	≤-41.20	PASS
				Peak	4500.000	-37.32	≤-21.20	PASS
				Peak	5149.275	-26.44	≤-21.20	PASS
				Peak	5150.000	-25.26	≤-21.20	PASS
		High	5240	AV	5350.000	-43.71	≤-41.20	PASS
				AV	5448.870	-42.51	≤-41.20	PASS
				AV	5460.000	-43.19	≤-41.20	PASS
				Peak	5350.000	-35.23	≤-21.20	PASS
				Peak	5378.261	-31.8	≤-21.20	PASS
				Peak	5460.000	-33.42	≤-21.20	PASS
		Low	5745	AV	5650.000	-42.56	≤-27.00	PASS
				AV	5700.000	-44.48	≤10.00	PASS
				AV	5720.000	-43.34	≤15.60	PASS
				AV	5725.000	-35.94	≤27.00	PASS
				Peak	5650.000	-32.79	≤-27.00	PASS
				Peak	5700.000	-35.29	≤10.00	PASS
				Peak	5720.000	-30.42	≤15.60	PASS
				Peak	5725.000	-24.77	≤27.00	PASS
		High	5825	AV	5850.000	-42.55	≤27.00	PASS
				AV	5855.000	-43.48	≤15.60	PASS
				AV	5875.000	-45.36	≤10.00	PASS
				AV	5925.000	-44.8	≤-27.00	PASS
				Peak	5850.000	-33.26	≤27.00	PASS
				Peak	5855.000	-34.55	≤15.60	PASS
				Peak	5875.000	-37.07	≤10.00	PASS
				Peak	5925.000	-34.9	≤-27.00	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-46.84	≤-41.20	PASS
				AV	4916.957	-44.23	≤-41.20	PASS
				AV	5150.000	-44.21	≤-41.20	PASS
				Peak	4500.000	-36.06	≤-21.20	PASS
				Peak	5149.275	-31.31	≤-21.20	PASS
				Peak	5150.000	-32.26	≤-21.20	PASS
		High	5240	AV	5350.000	-44.36	≤-41.20	PASS
				AV	5451.652	-42.65	≤-41.20	PASS
				AV	5460.000	-43.19	≤-41.20	PASS
				Peak	5350.000	-35.83	≤-21.20	PASS
				Peak	5441.217	-32.17	≤-21.20	PASS

				Peak	5460.000	-33.72	≤-21.20	PASS
		Low	5745	AV	5650.000	-42.6	≤-27.00	PASS
				AV	5700.000	-44.49	≤10.00	PASS
				AV	5720.000	-42.36	≤15.60	PASS
				AV	5725.000	-34.67	≤27.00	PASS
				Peak	5650.000	-33.87	≤-27.00	PASS
				Peak	5700.000	-36.02	≤10.00	PASS
				Peak	5720.000	-32.42	≤15.60	PASS
				Peak	5725.000	-19.34	≤27.00	PASS
		High	5825	AV	5850.000	-42.33	≤27.00	PASS
				AV	5855.000	-42.67	≤15.60	PASS
				AV	5875.000	-45.44	≤10.00	PASS
				AV	5925.000	-44.22	≤-27.00	PASS
				Peak	5850.000	-32.71	≤27.00	PASS
				Peak	5855.000	-34.31	≤15.60	PASS
				Peak	5875.000	-35.41	≤10.00	PASS
				Peak	5925.000	-34.92	≤-27.00	PASS
11N40SISO	Ant1	Low	5190	AV	4500.000	-45.86	≤-41.20	PASS
				AV	5078.261	-42.61	≤-41.20	PASS
				AV	5150.000	-43.31	≤-41.20	PASS
				Peak	4500.000	-36.22	≤-21.20	PASS
				Peak	4904.783	-31.44	≤-21.20	PASS
				Peak	5150.000	-32.54	≤-21.20	PASS
		High	5230	AV	5350.000	-44.76	≤-41.20	PASS
				AV	5453.594	-42.81	≤-41.20	PASS
				AV	5460.000	-43.34	≤-41.20	PASS
				Peak	5350.000	-34.82	≤-21.20	PASS
				Peak	5447.565	-32.57	≤-21.20	PASS
				Peak	5460.000	-34.33	≤-21.20	PASS
		Low	5755	AV	5650.000	-43.07	≤-27.00	PASS
				AV	5700.000	-44.02	≤10.00	PASS
				AV	5720.000	-39.57	≤15.60	PASS
				AV	5725.000	-36.55	≤27.00	PASS
				Peak	5650.000	-35.14	≤-27.00	PASS
				Peak	5700.000	-34.92	≤10.00	PASS
				Peak	5720.000	-27.12	≤15.60	PASS
				Peak	5725.000	-18.99	≤27.00	PASS
		High	5795	AV	5850.000	-44.36	≤27.00	PASS
				AV	5855.000	-44.67	≤15.60	PASS
				AV	5875.000	-44.83	≤10.00	PASS
				AV	5925.000	-44.14	≤-27.00	PASS
				Peak	5850.000	-35.44	≤27.00	PASS
				Peak	5855.000	-36.2	≤15.60	PASS
				Peak	5875.000	-36.26	≤10.00	PASS
				Peak	5925.000	-35.05	≤-27.00	PASS

11AC20SISO	Ant1	Low	5180	AV	4500.000	-46.67	≤-41.20	PASS
				AV	5149.275	-43.96	≤-41.20	PASS
				AV	5150.000	-44.09	≤-41.20	PASS
				Peak	4500.000	-36.6	≤-21.20	PASS
				Peak	4867.246	-32.33	≤-21.20	PASS
				Peak	5150.000	-33.02	≤-21.20	PASS
		High	5240	AV	5350.000	-43.75	≤-41.20	PASS
				AV	5446.783	-42.36	≤-41.20	PASS
				AV	5460.000	-43.74	≤-41.20	PASS
				Peak	5350.000	-34.28	≤-21.20	PASS
				Peak	5447.130	-32.47	≤-21.20	PASS
				Peak	5460.000	-34.05	≤-21.20	PASS
		Low	5745	AV	5650.000	-42.71	≤-27.00	PASS
				AV	5700.000	-44.42	≤10.00	PASS
				AV	5720.000	-42.74	≤15.60	PASS
				AV	5725.000	-35.5	≤27.00	PASS
				Peak	5650.000	-33.43	≤-27.00	PASS
				Peak	5700.000	-34.33	≤10.00	PASS
				Peak	5720.000	-30.89	≤15.60	PASS
				Peak	5725.000	-21.91	≤27.00	PASS
		High	5825	AV	5850.000	-42.33	≤27.00	PASS
				AV	5855.000	-42.89	≤15.60	PASS
				AV	5875.000	-45.16	≤10.00	PASS
				AV	5925.000	-44.44	≤-27.00	PASS
				Peak	5850.000	-32.67	≤27.00	PASS
				Peak	5855.000	-34.3	≤15.60	PASS
				Peak	5875.000	-36.08	≤10.00	PASS
				Peak	5925.000	-35.44	≤-27.00	PASS
11AC40SISO	Ant1	Low	5190	AV	4500.000	-46.42	≤-41.20	PASS
				AV	5078.261	-43.16	≤-41.20	PASS
				AV	5150.000	-43.53	≤-41.20	PASS
				Peak	4500.000	-34.38	≤-21.20	PASS
				Peak	4863.188	-32.07	≤-21.20	PASS
				Peak	5150.000	-32.79	≤-21.20	PASS
		High	5230	AV	5350.000	-44.48	≤-41.20	PASS
				AV	5448.319	-42.42	≤-41.20	PASS
				AV	5460.000	-43.53	≤-41.20	PASS
				Peak	5350.000	-35.89	≤-21.20	PASS
				Peak	5448.319	-32.42	≤-21.20	PASS
				Peak	5460.000	-34.7	≤-21.20	PASS
		Low	5755	AV	5650.000	-41.83	≤-27.00	PASS
				AV	5700.000	-42.44	≤10.00	PASS
				AV	5720.000	-35.3	≤15.60	PASS
				AV	5725.000	-31.95	≤27.00	PASS
				Peak	5650.000	-32.1	≤-27.00	PASS

				Peak	5700.000	-32.24	≤10.00	PASS
				Peak	5720.000	-20.2	≤15.60	PASS
				Peak	5725.000	-17.79	≤27.00	PASS
		High	5795	AV	5850.000	-44.9	≤27.00	PASS
				AV	5855.000	-44.79	≤15.60	PASS
				AV	5875.000	-44.2	≤10.00	PASS
				AV	5925.000	-44.35	≤-27.00	PASS
				Peak	5850.000	-35.12	≤27.00	PASS
				Peak	5855.000	-36.1	≤15.60	PASS
				Peak	5875.000	-35.88	≤10.00	PASS
				Peak	5925.000	-34.94	≤-27.00	PASS
11AX20SISO	Ant1	Low	5180	AV	4500.000	-46.73	≤-41.20	PASS
				AV	4921.014	-43.95	≤-41.20	PASS
				AV	5150.000	-44.1	≤-41.20	PASS
				Peak	4500.000	-36.47	≤-21.20	PASS
				Peak	4958.551	-31.75	≤-21.20	PASS
				Peak	5150.000	-32.24	≤-21.20	PASS
		High	5240	AV	5350.000	-44.21	≤-41.20	PASS
				AV	5454.087	-42.09	≤-41.20	PASS
				AV	5460.000	-43.04	≤-41.20	PASS
				Peak	5350.000	-35.61	≤-21.20	PASS
				Peak	5453.391	-31.91	≤-21.20	PASS
				Peak	5460.000	-34.37	≤-21.20	PASS
		Low	5745	AV	5650.000	-42.1	≤-27.00	PASS
				AV	5700.000	-44.17	≤10.00	PASS
				AV	5720.000	-40.63	≤15.60	PASS
				AV	5725.000	-34.79	≤27.00	PASS
				Peak	5650.000	-31.99	≤-27.00	PASS
				Peak	5700.000	-34.5	≤10.00	PASS
				Peak	5720.000	-27.06	≤15.60	PASS
				Peak	5725.000	-21.42	≤27.00	PASS
		High	5825	AV	5850.000	-41.91	≤27.00	PASS
				AV	5855.000	-43.21	≤15.60	PASS
				AV	5875.000	-45.13	≤10.00	PASS
				AV	5925.000	-44.27	≤-27.00	PASS
				Peak	5850.000	-33.42	≤27.00	PASS
				Peak	5855.000	-33.05	≤15.60	PASS
				Peak	5875.000	-36.44	≤10.00	PASS
				Peak	5925.000	-35.55	≤-27.00	PASS
11AX40SISO	Ant1	Low	5190	AV	4500.000	-46.13	≤-41.20	PASS
				AV	5079.275	-43	≤-41.20	PASS
				AV	5150.000	-43.15	≤-41.20	PASS
				Peak	4500.000	-36.97	≤-21.20	PASS
				Peak	4901.739	-32	≤-21.20	PASS
				Peak	5150.000	-30.31	≤-21.20	PASS

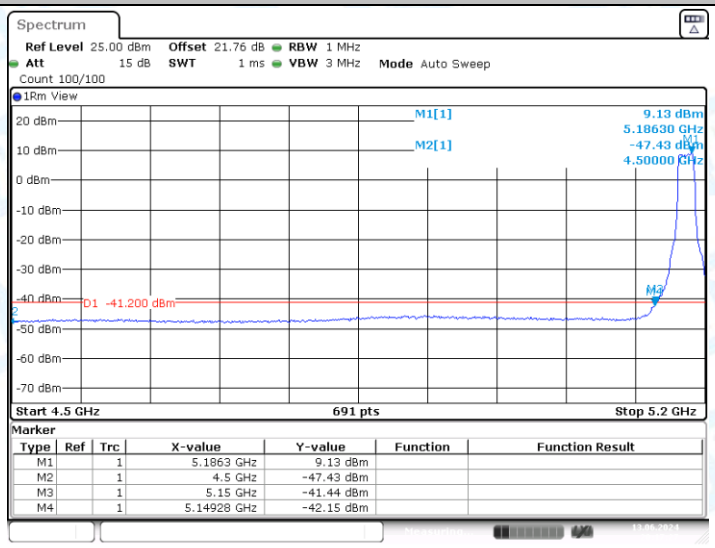
		High	5230	AV	5350.000	-44.71	≤-41.20	PASS
				AV	5449.072	-42.08	≤-41.20	PASS
				AV	5460.000	-42.86	≤-41.20	PASS
				Peak	5350.000	-36.88	≤-21.20	PASS
				Peak	5439.652	-32.6	≤-21.20	PASS
				Peak	5460.000	-35.05	≤-21.20	PASS
		Low	5755	AV	5650.000	-42.1	≤-27.00	PASS
				AV	5700.000	-41.59	≤10.00	PASS
				AV	5720.000	-34.34	≤15.60	PASS
				AV	5725.000	-32.47	≤27.00	PASS
				Peak	5650.000	-32.52	≤-27.00	PASS
				Peak	5700.000	-32.63	≤10.00	PASS
				Peak	5720.000	-21.69	≤15.60	PASS
				Peak	5725.000	-20.67	≤27.00	PASS
		High	5795	AV	5850.000	-44.23	≤27.00	PASS
				AV	5855.000	-44.27	≤15.60	PASS
				AV	5875.000	-44.72	≤10.00	PASS
				AV	5925.000	-44.35	≤-27.00	PASS
				Peak	5850.000	-35.28	≤27.00	PASS
				Peak	5855.000	-36.09	≤15.60	PASS
				Peak	5875.000	-34.58	≤10.00	PASS
				Peak	5925.000	-34.59	≤-27.00	PASS

Note：

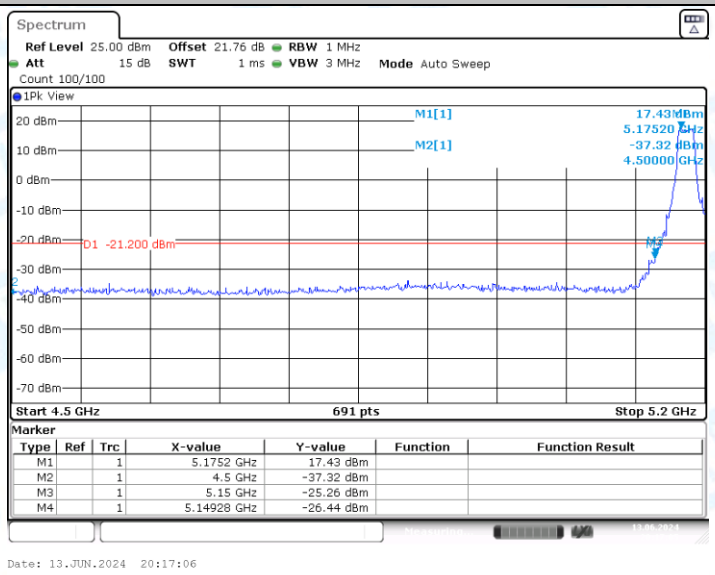
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.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

7.2.Test Graphs

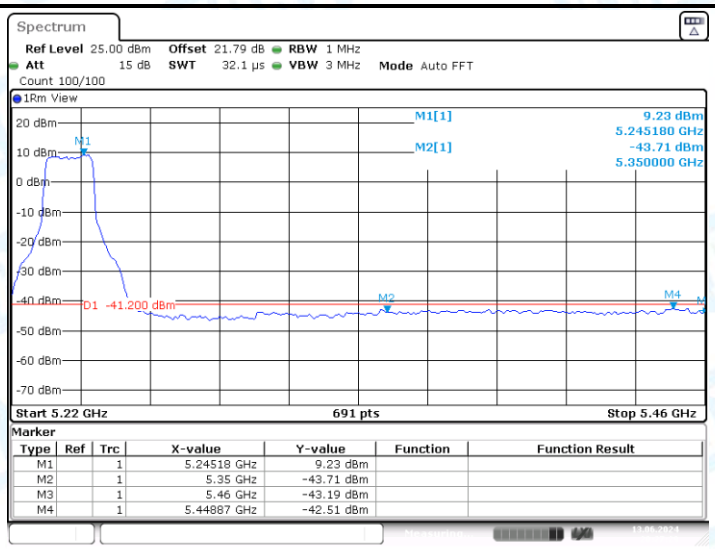
11A_Ant1_Low_5180_AV



11A_Ant1_Low_5180_Peak



11A_Ant1_High_5240_AV



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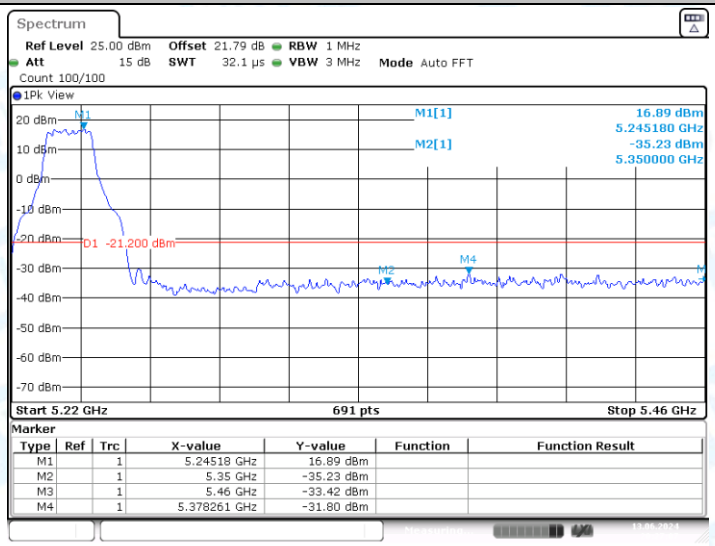
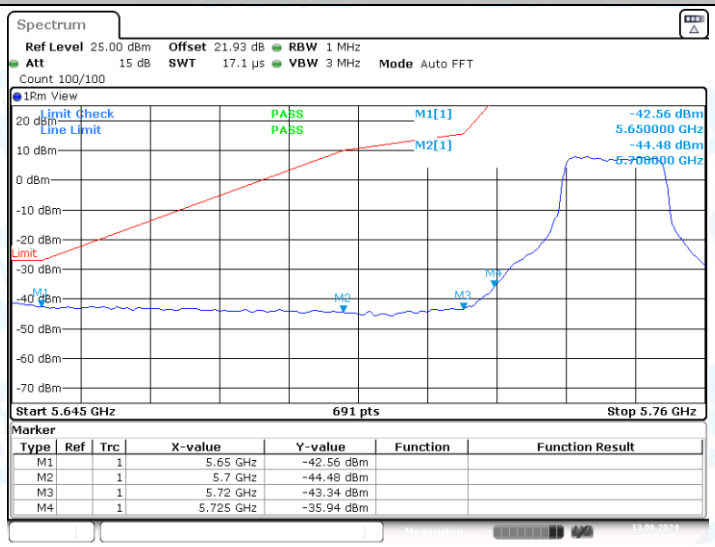


11A_Ant1_Low_5745_AV



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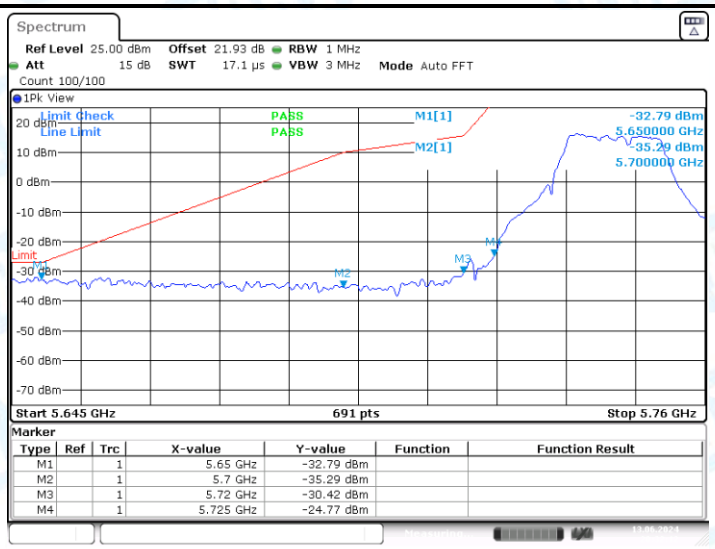

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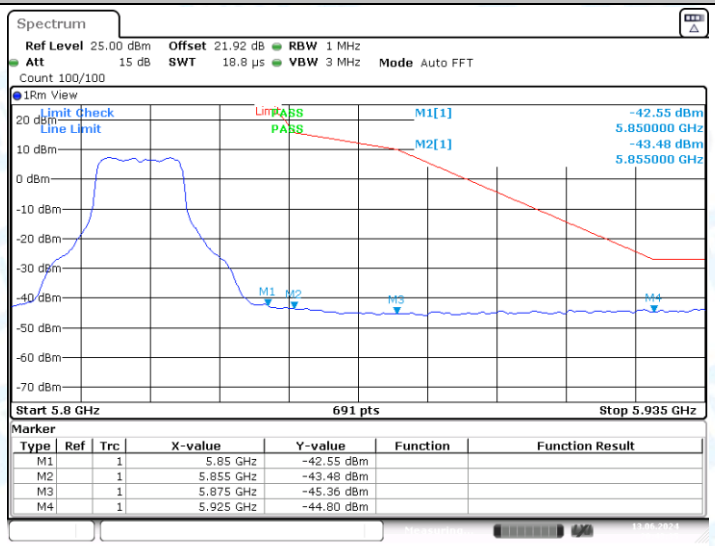

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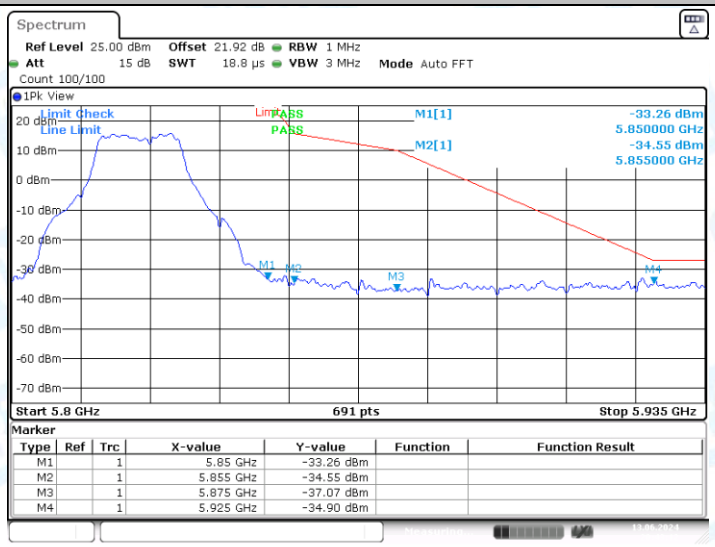
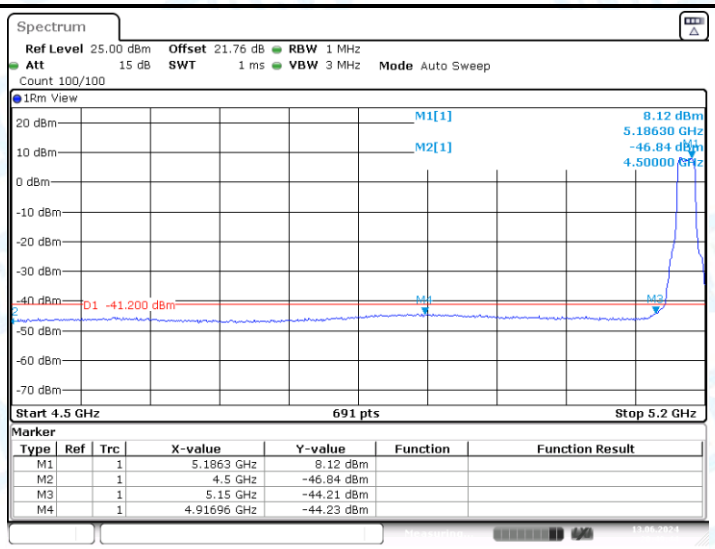


11N20SISO_Ant1_Low_5180_AV



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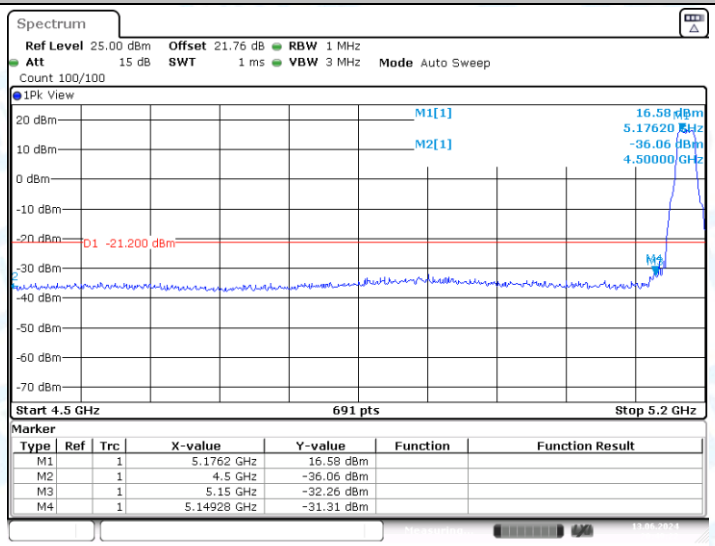

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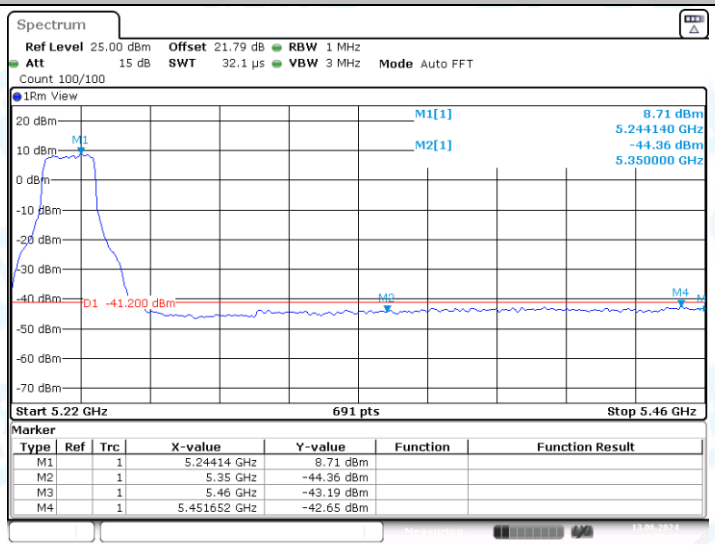

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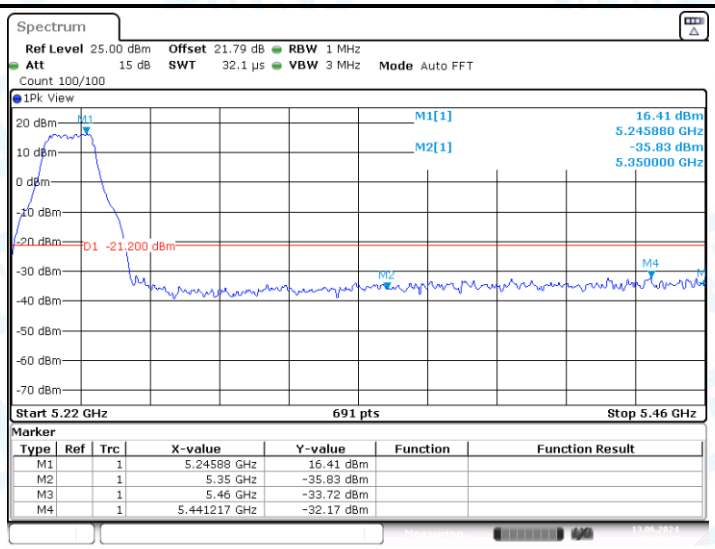

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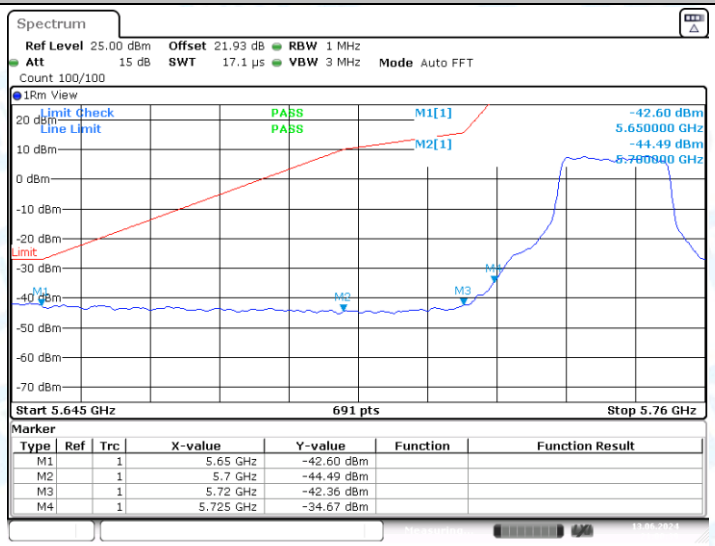

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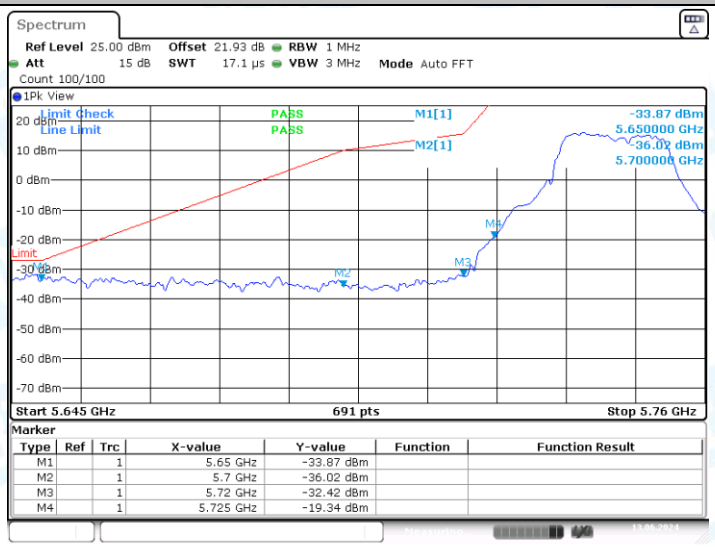
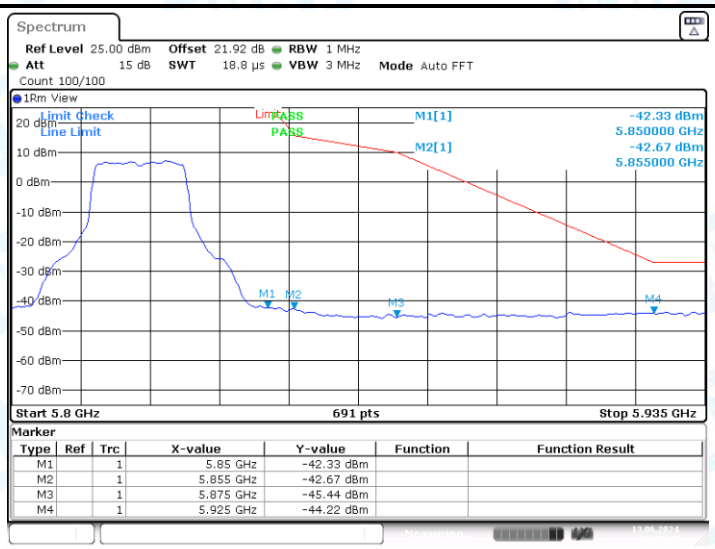
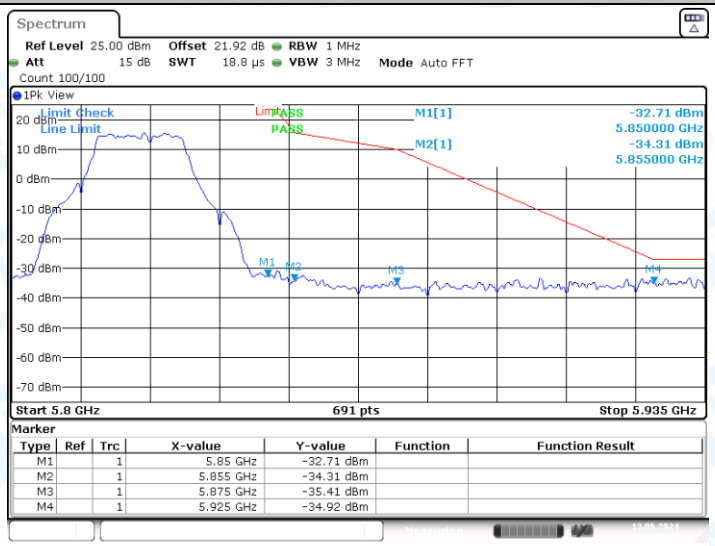


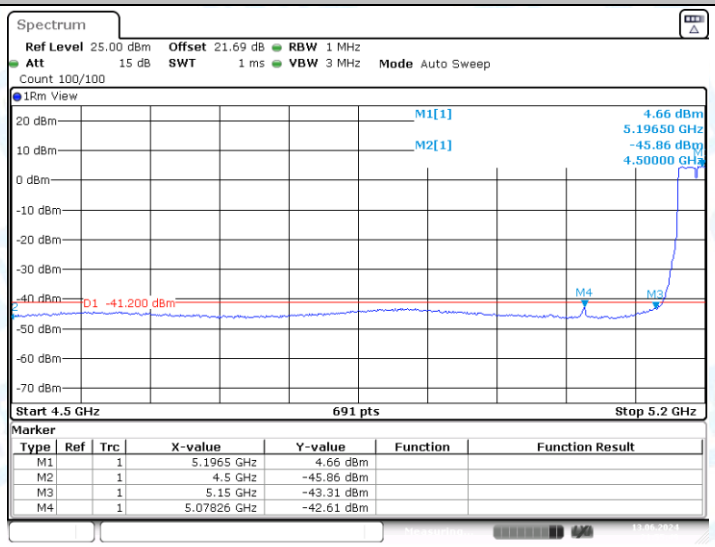
11N20SISO_Ant1_High_5825_AV



11N20SISO_Ant1_High_5825_Peak



11N40SISO_Ant1_Low_5190_AV



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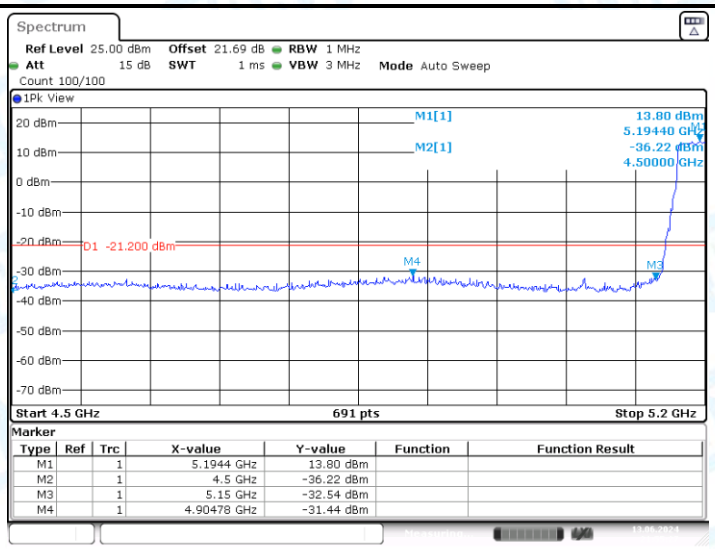

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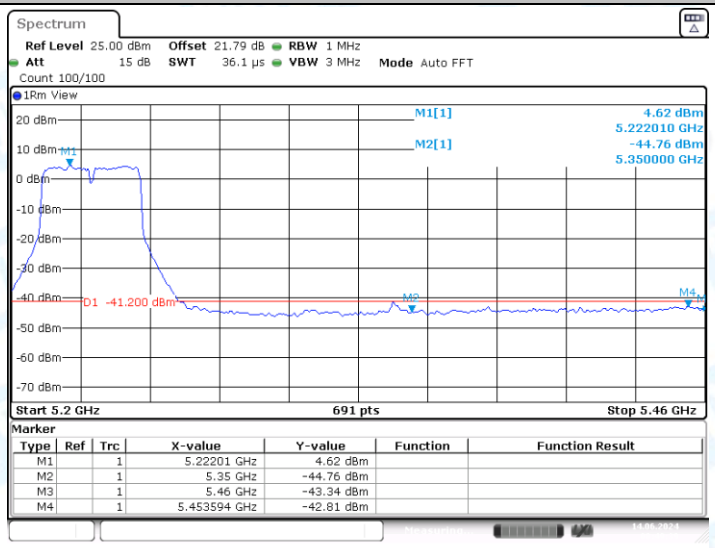

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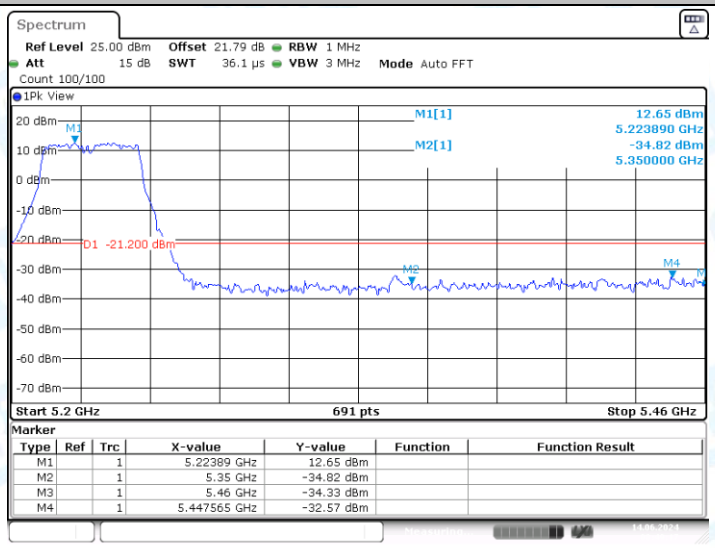

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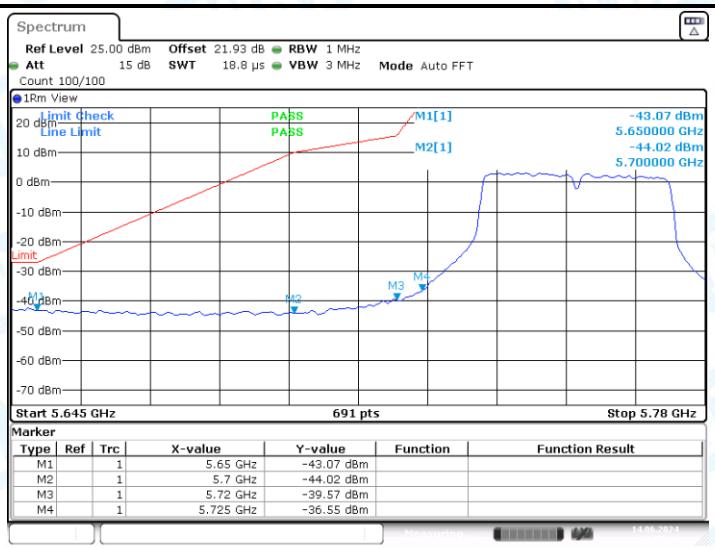

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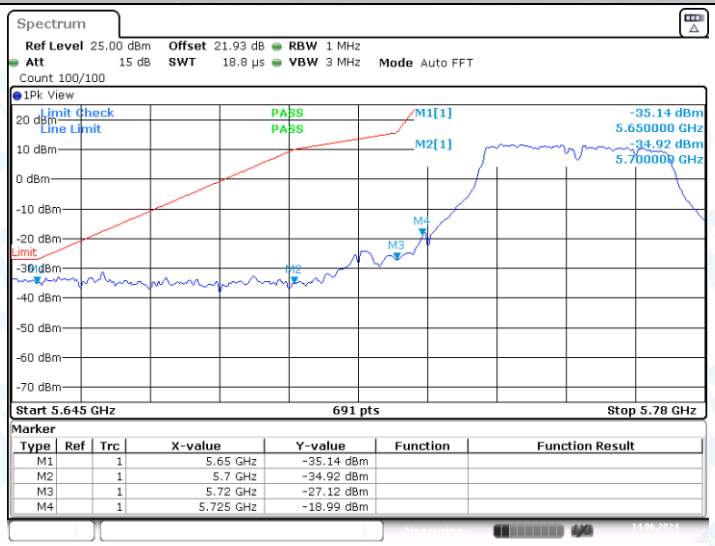

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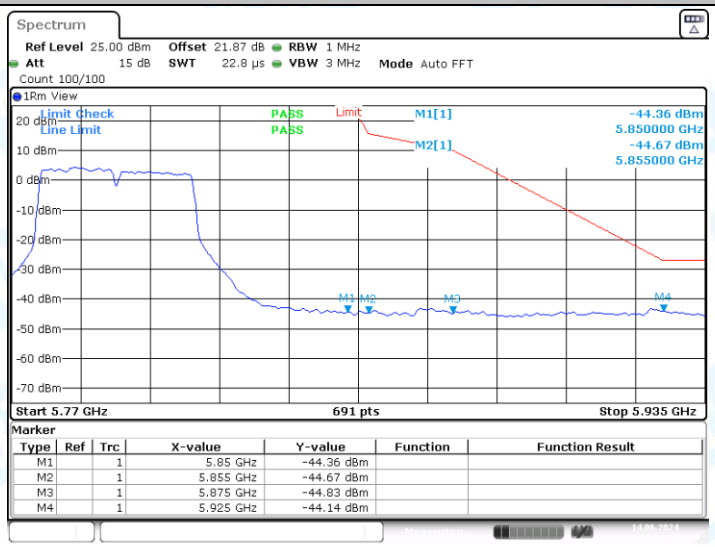

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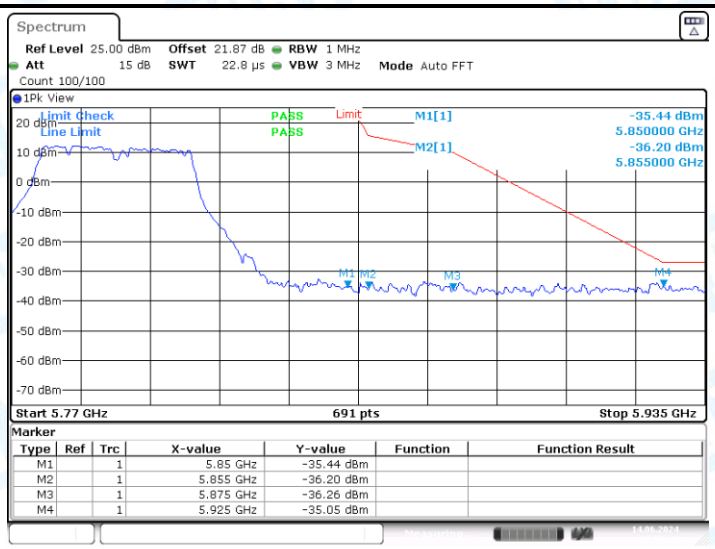

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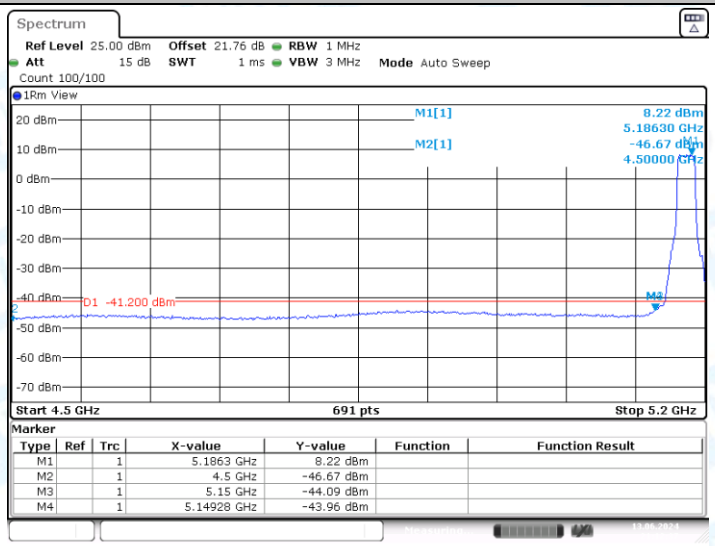

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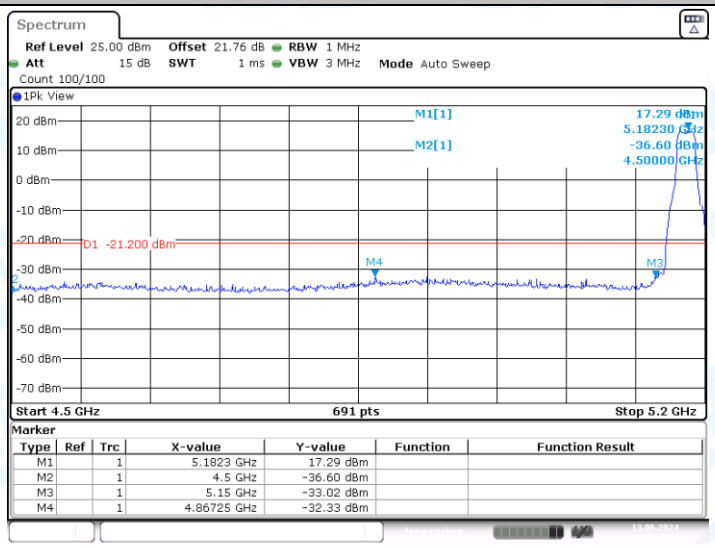

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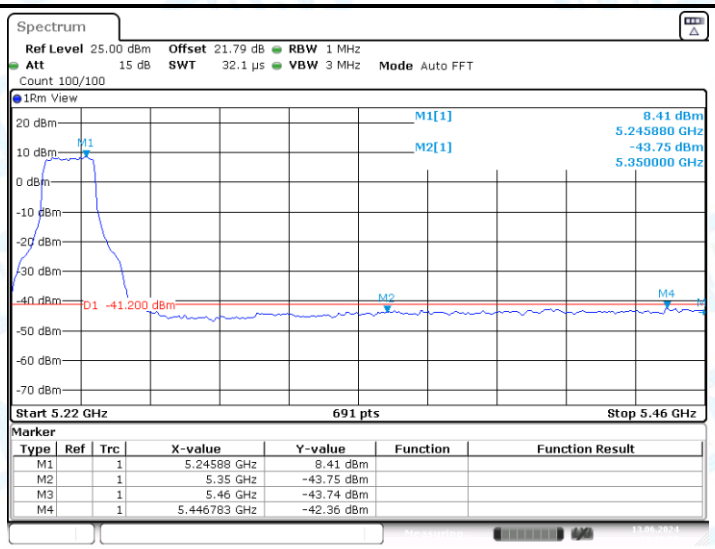

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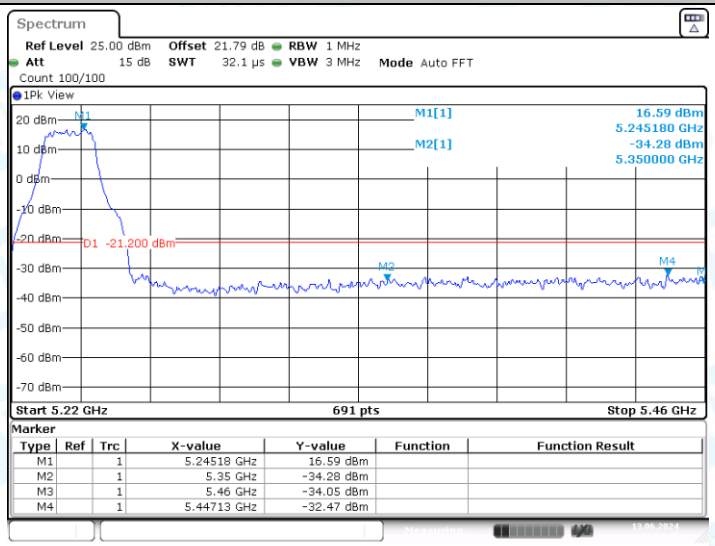

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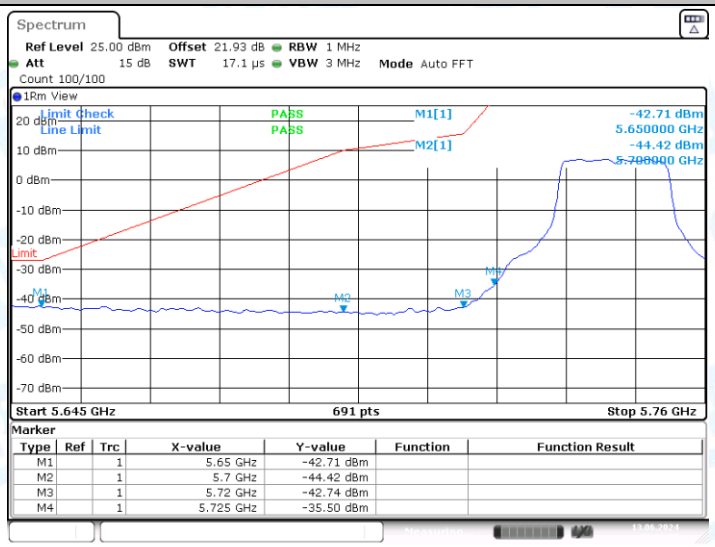

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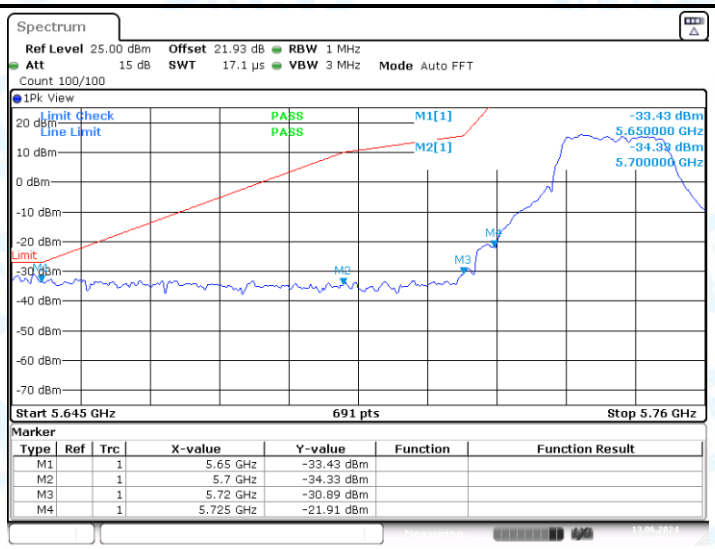

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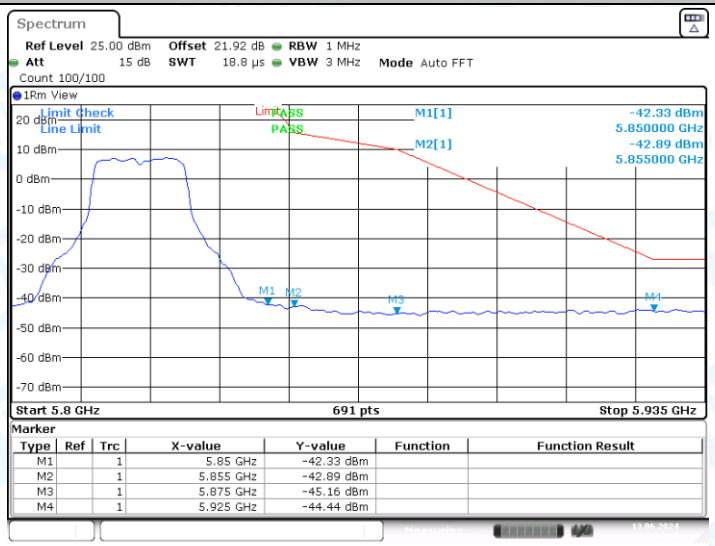

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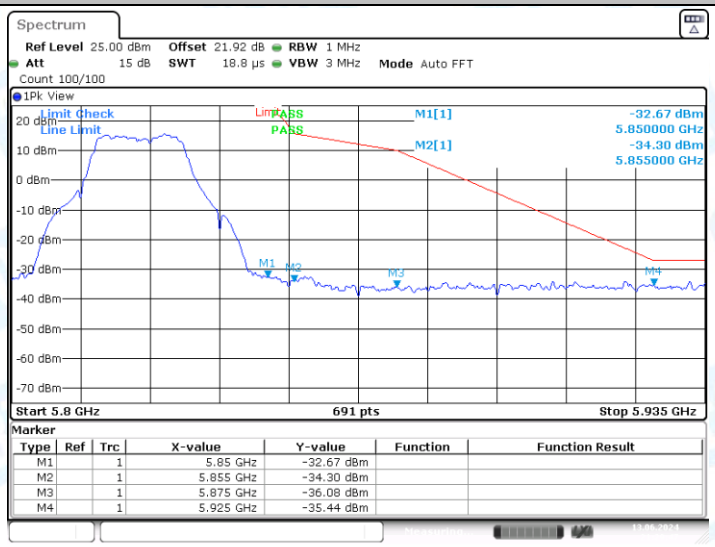
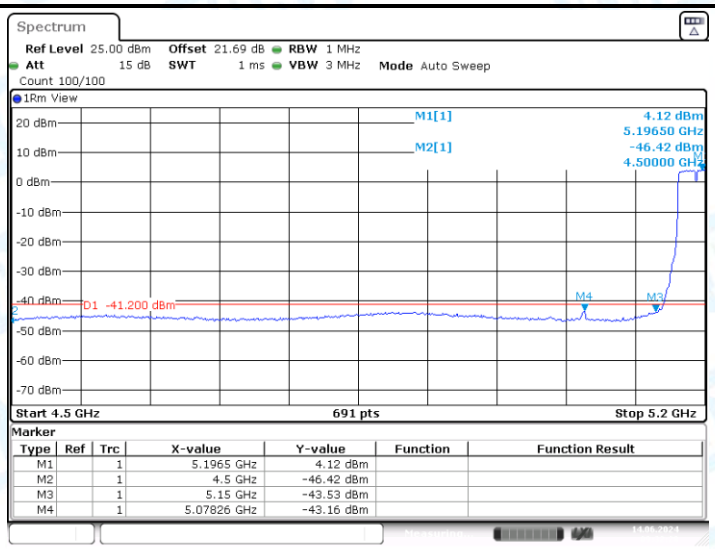


11AC40SISO_Ant1_Low_5190_AV



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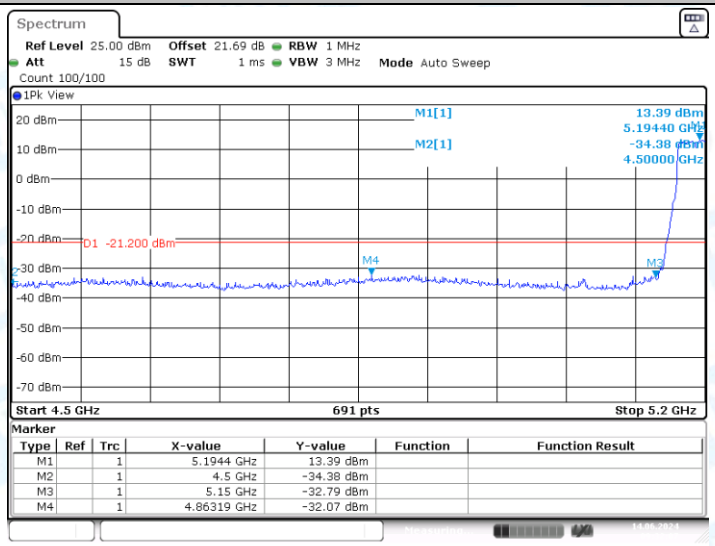

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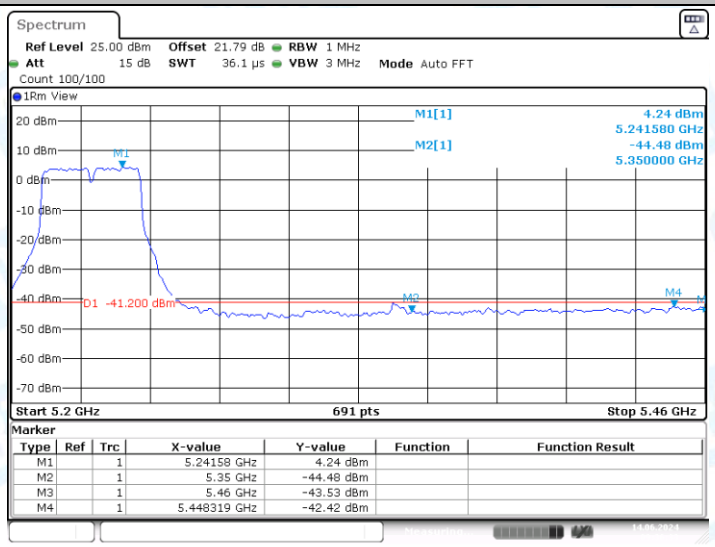

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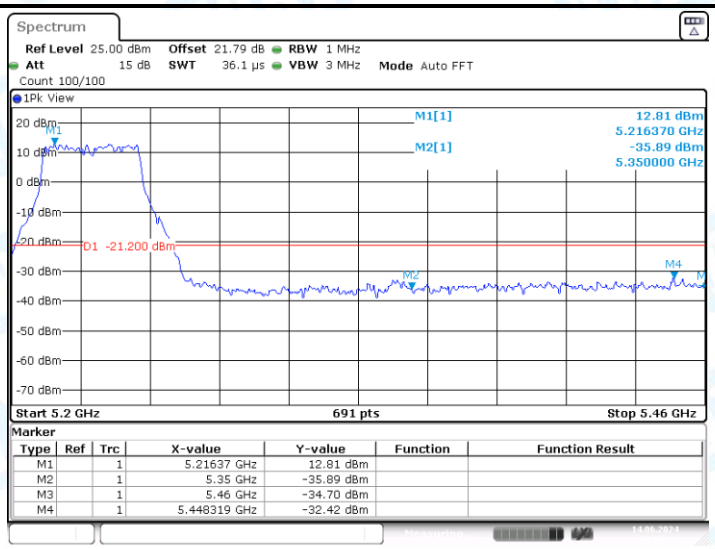

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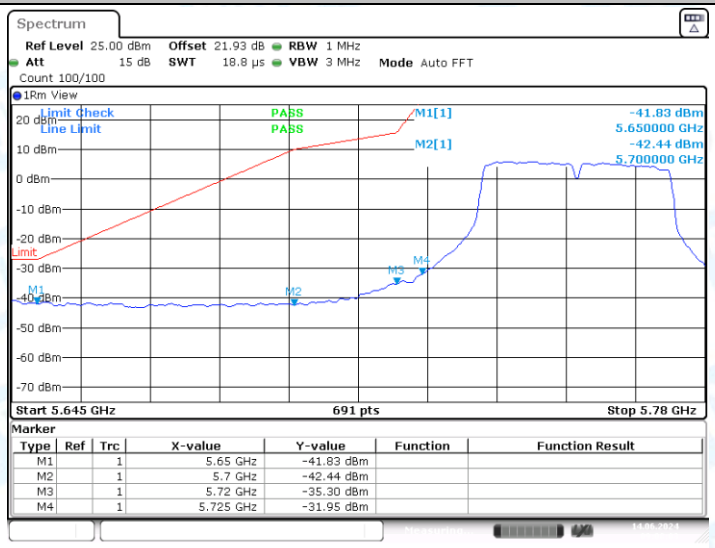

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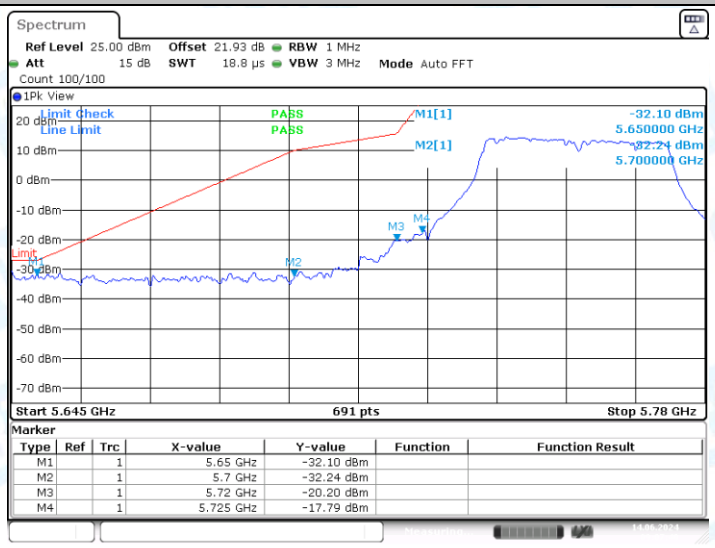

11AC40SISO_Ant1_High_5795_AV