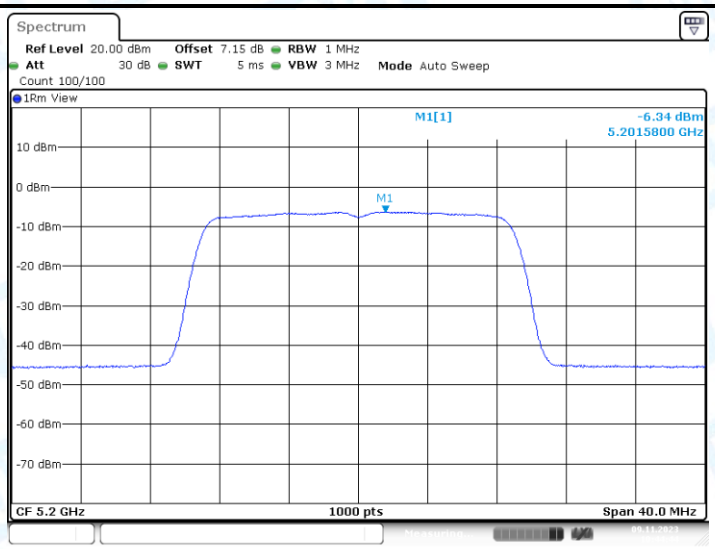

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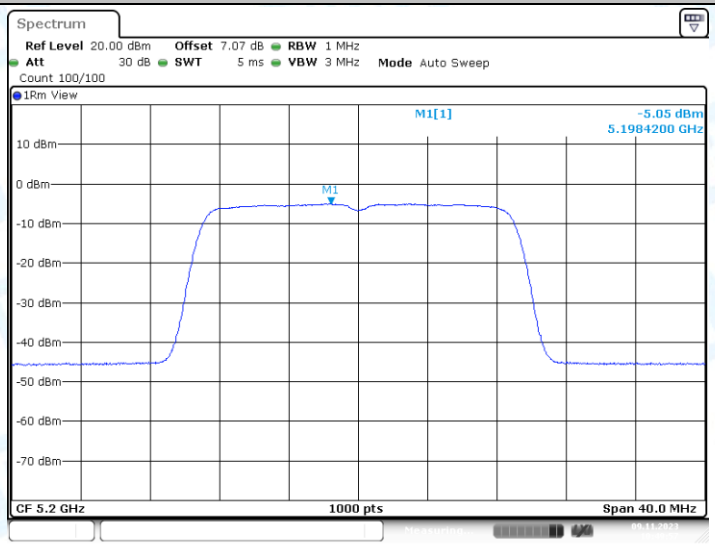

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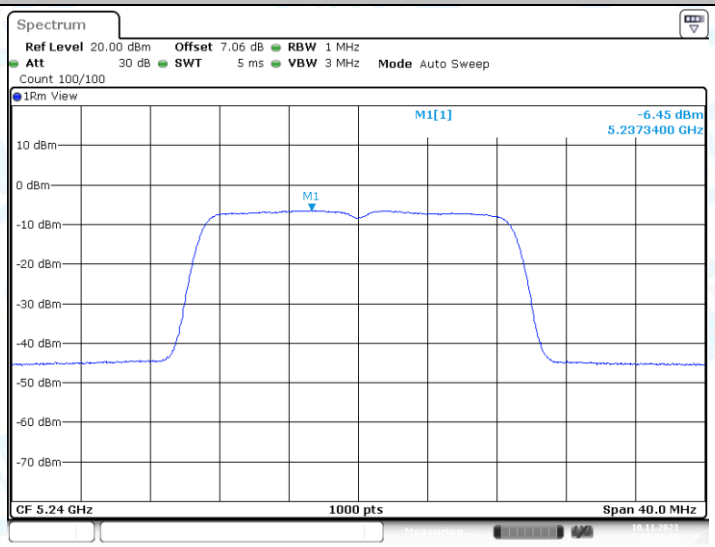

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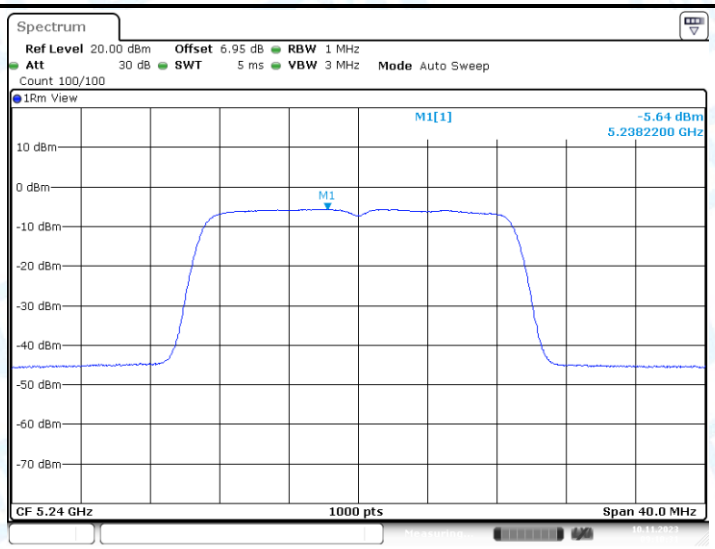

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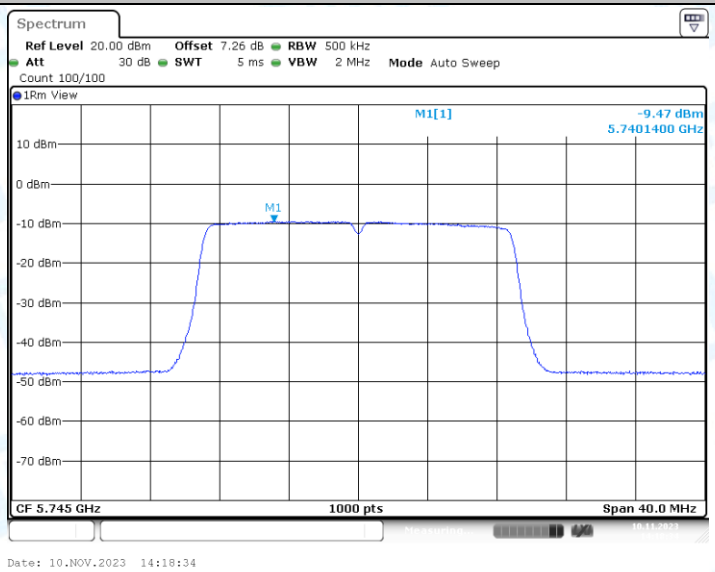

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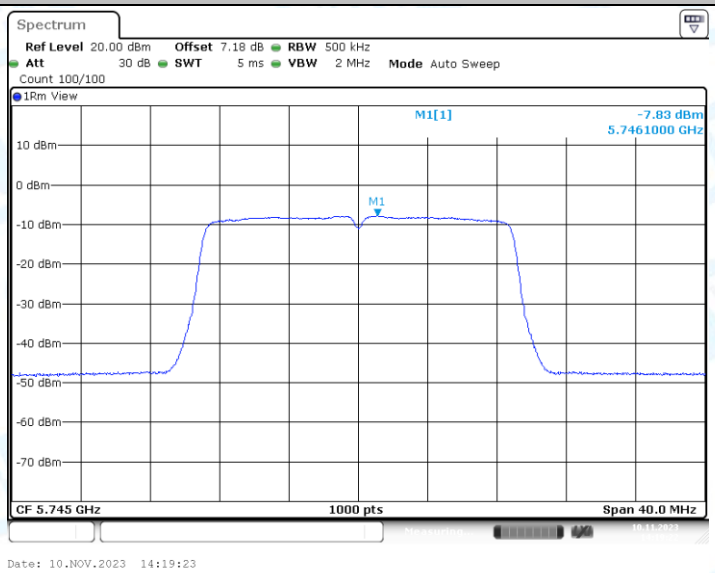

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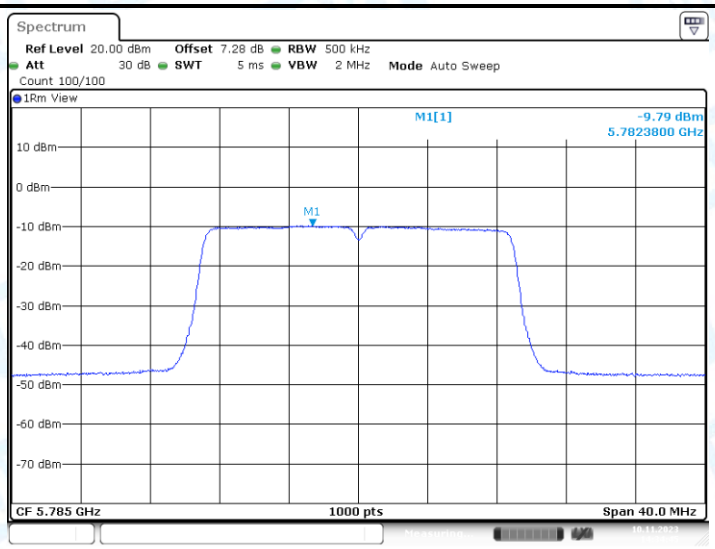

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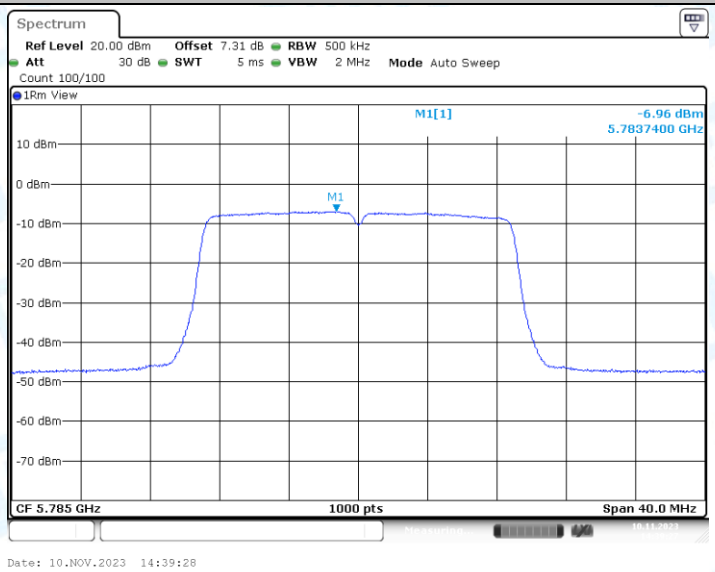

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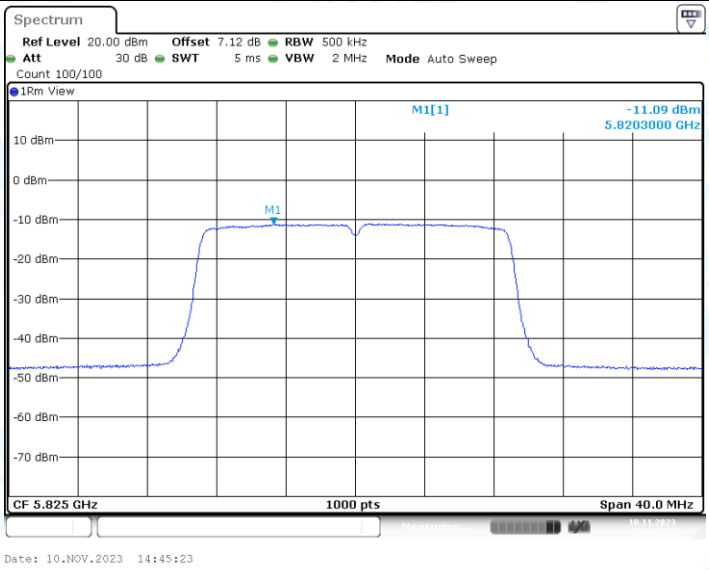

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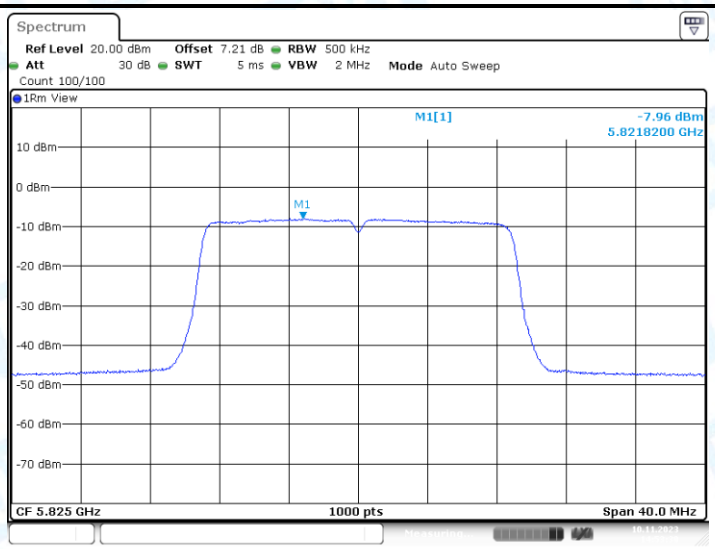

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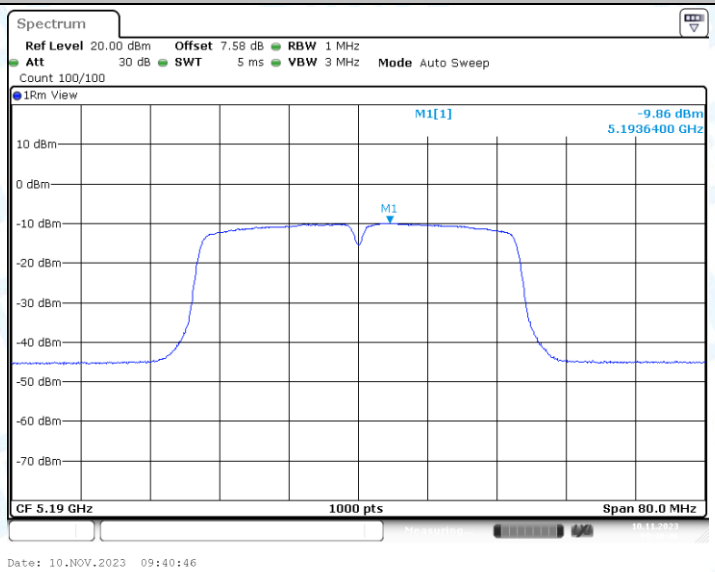

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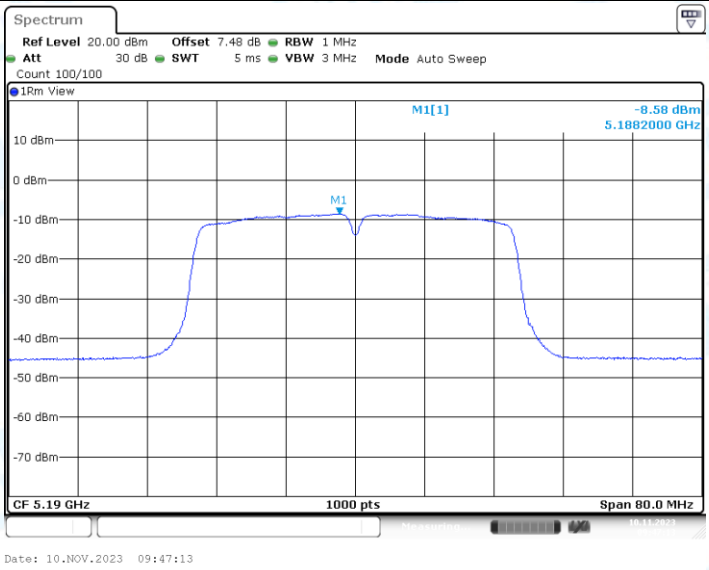

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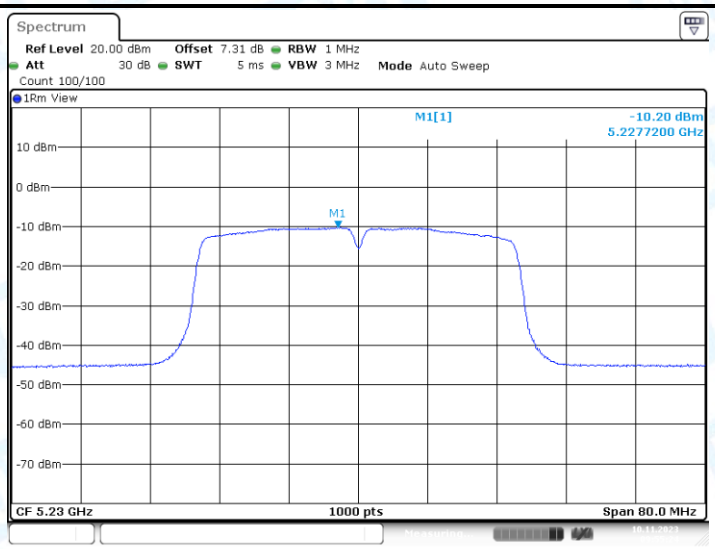

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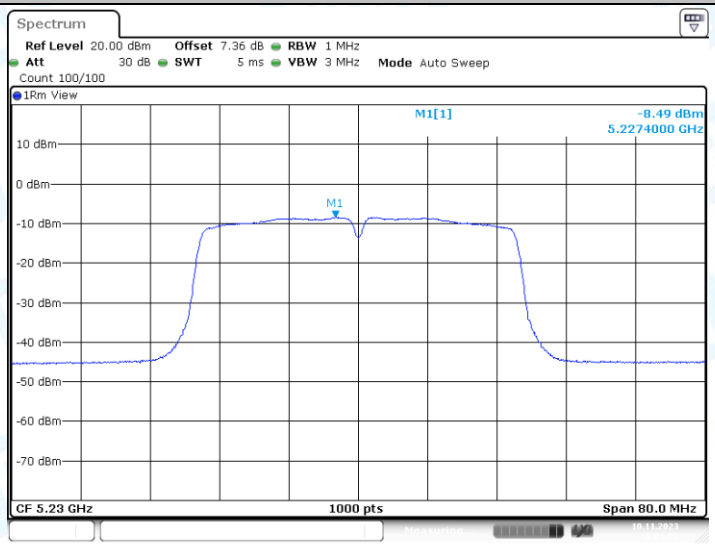

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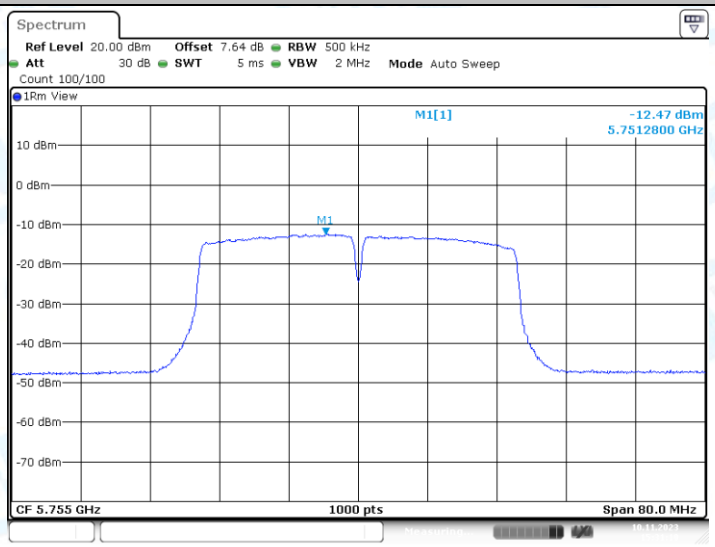

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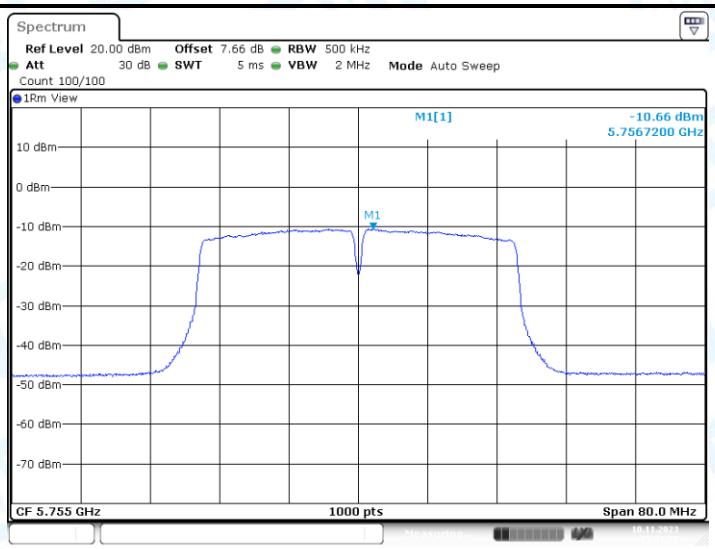

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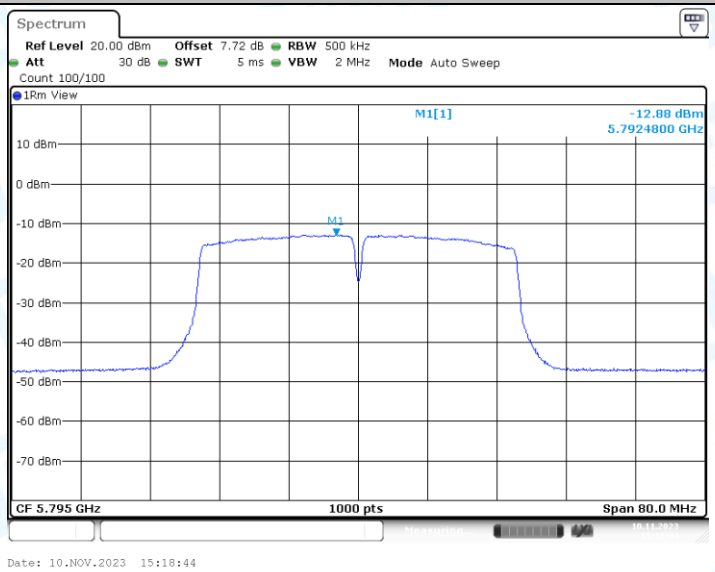

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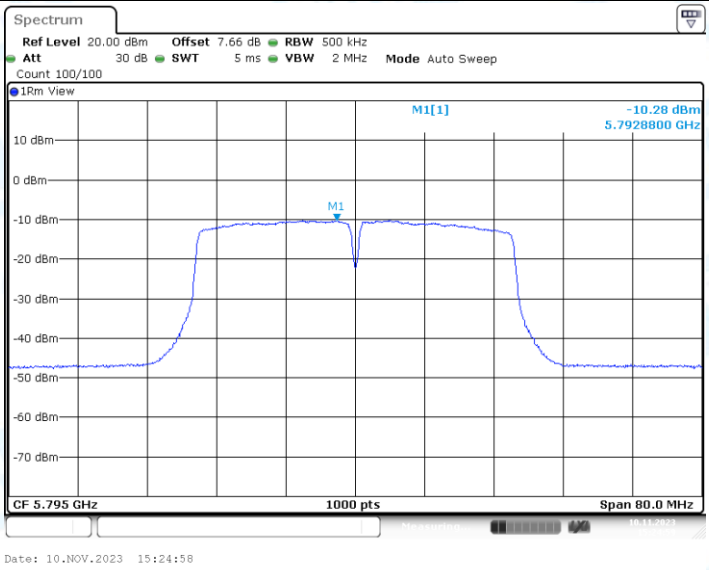

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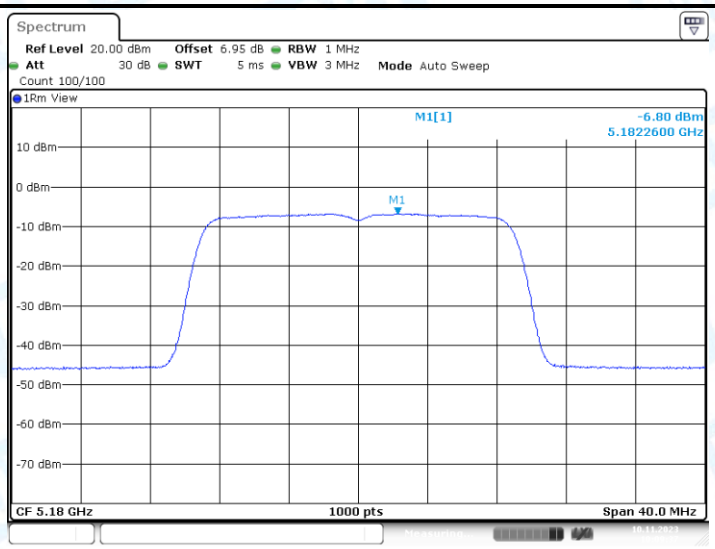

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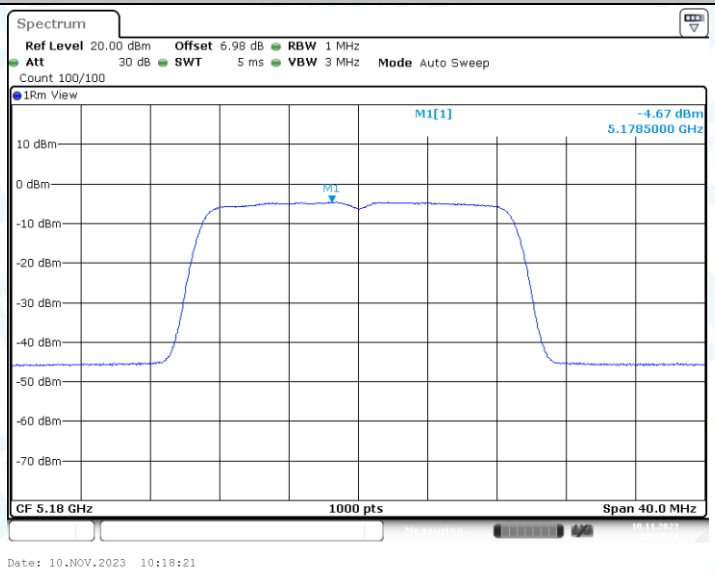

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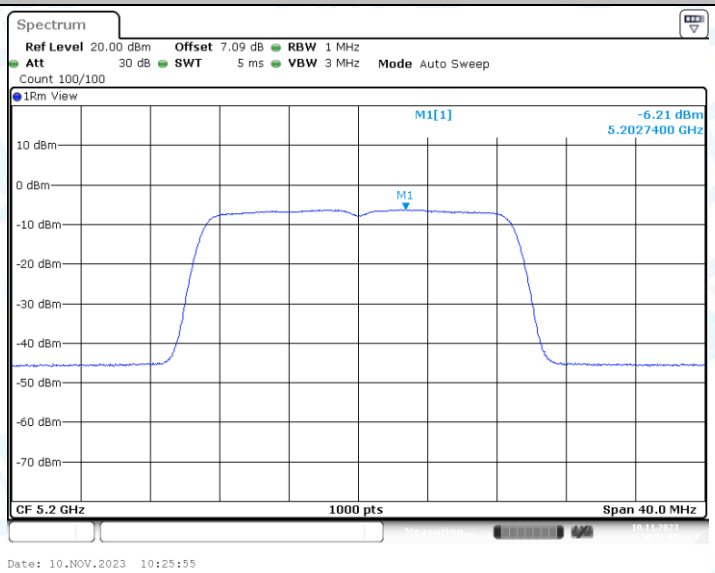

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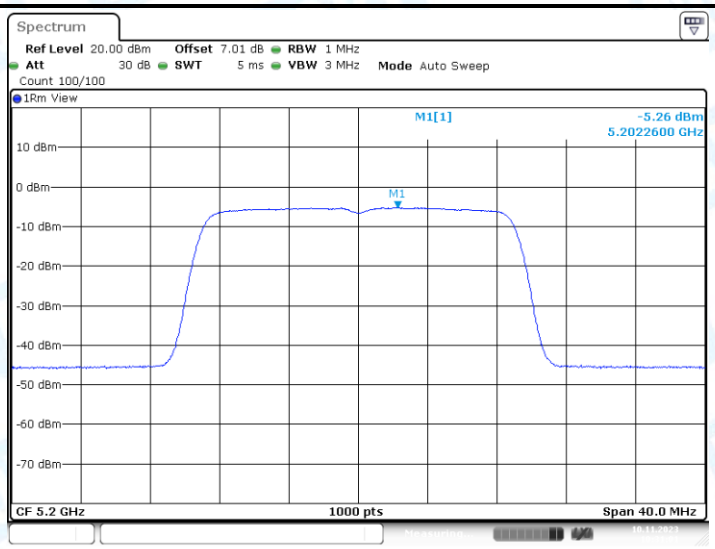

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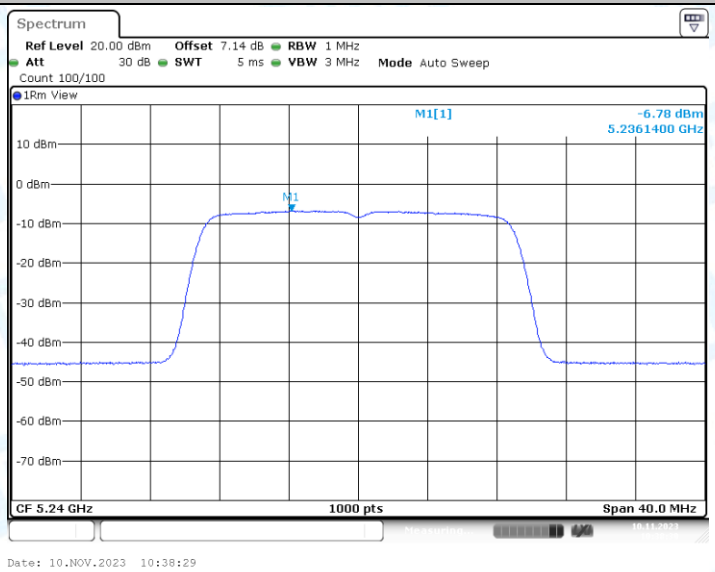

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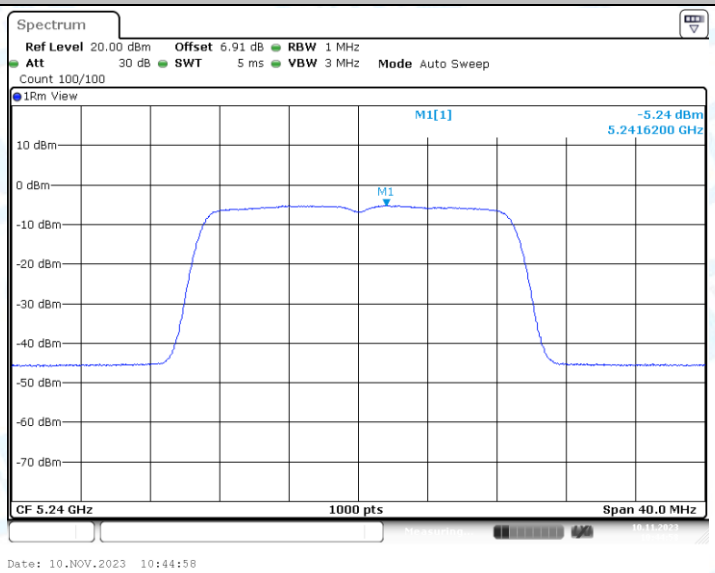

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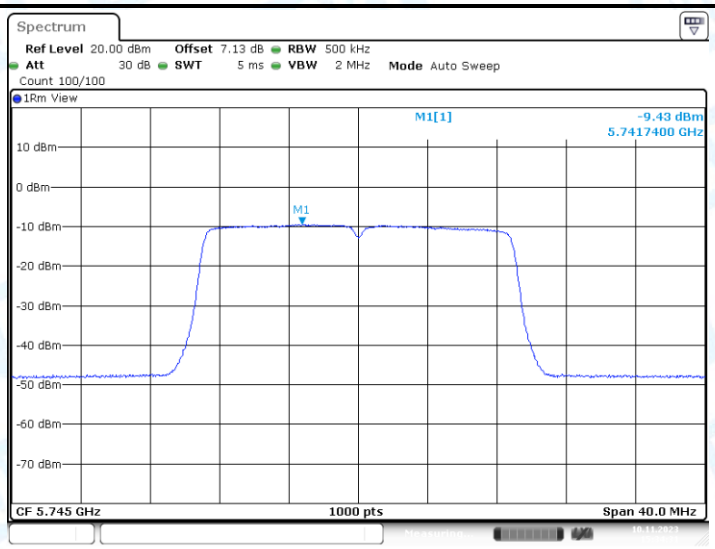

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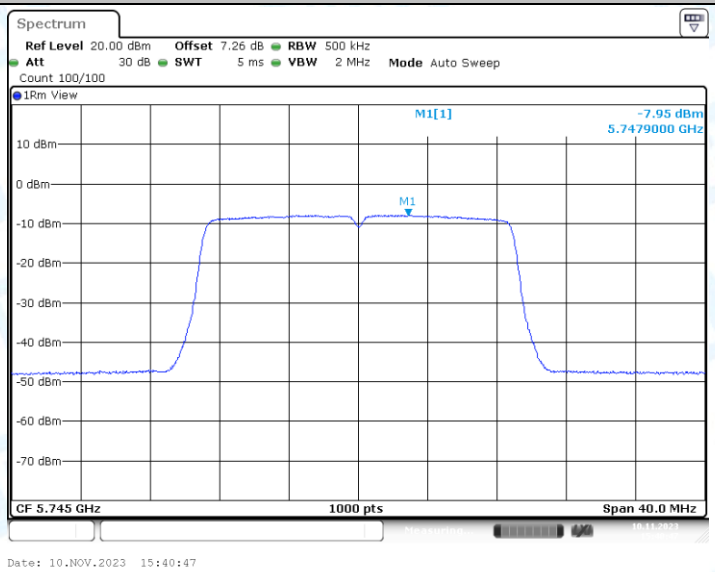

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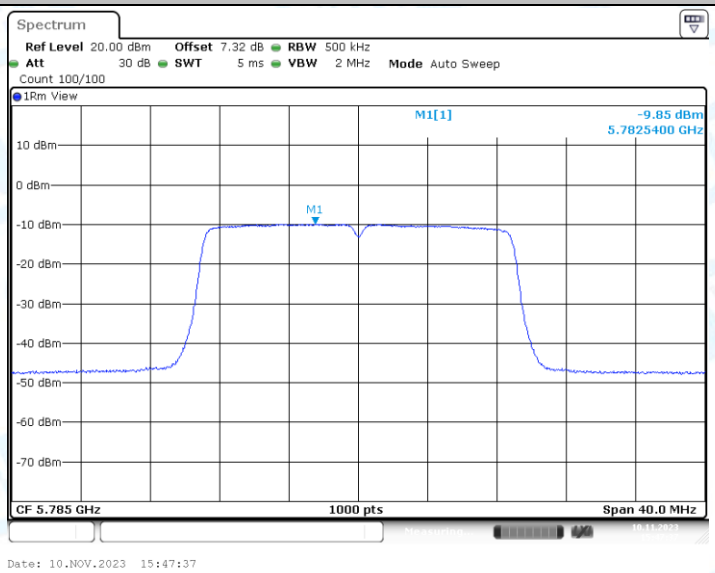

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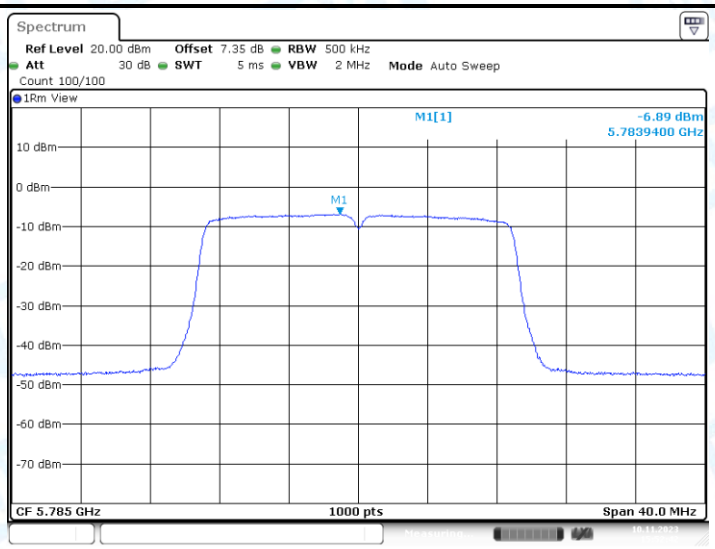

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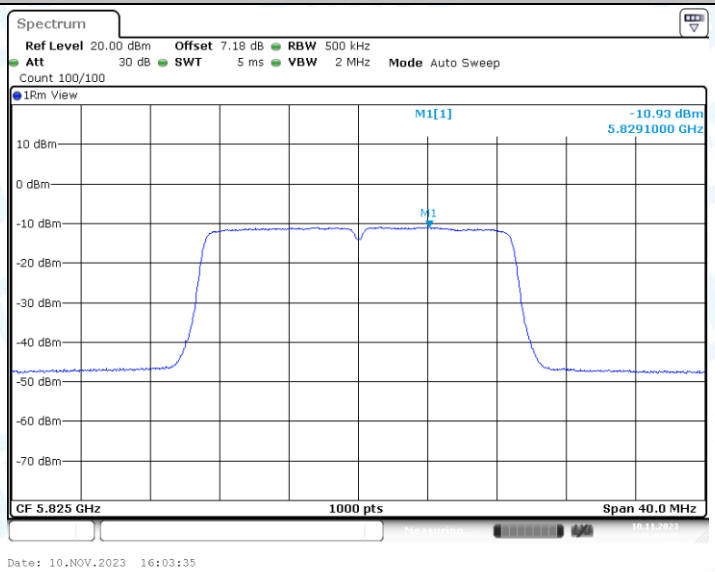

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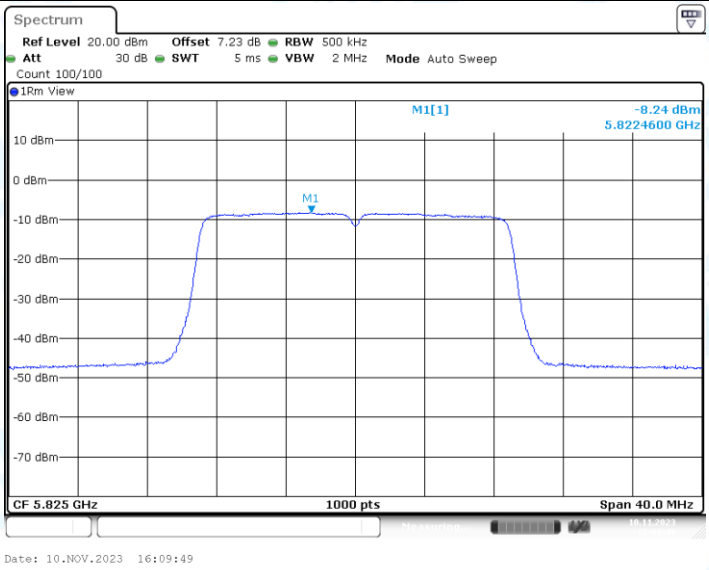

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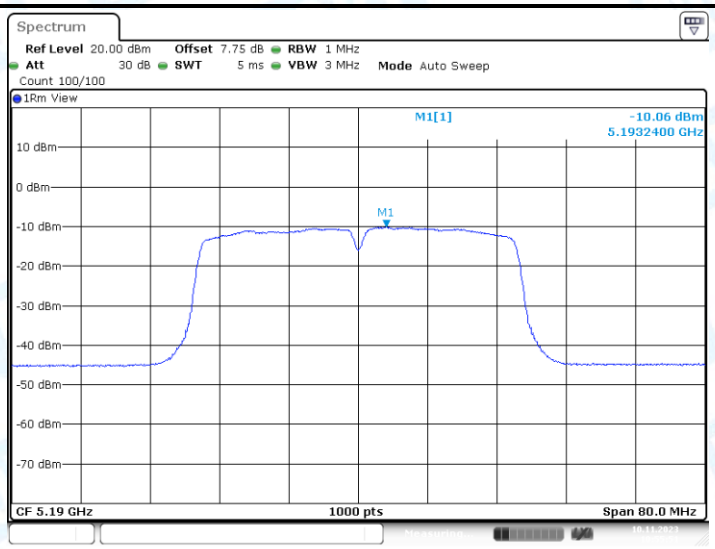

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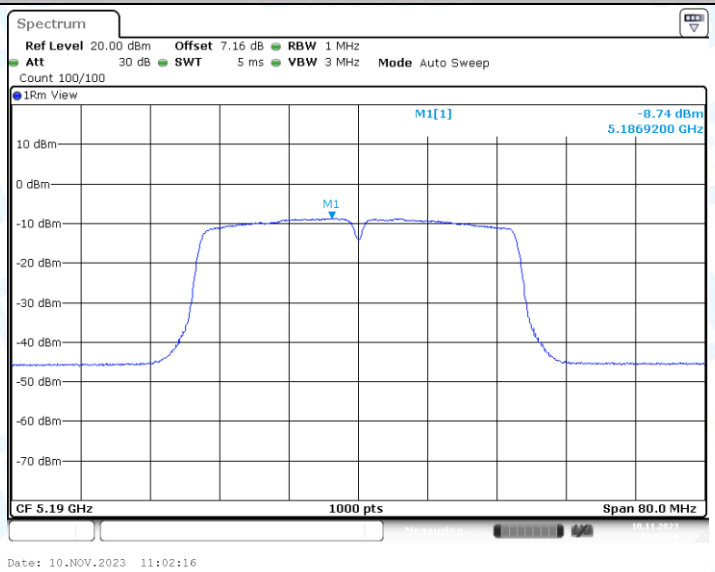

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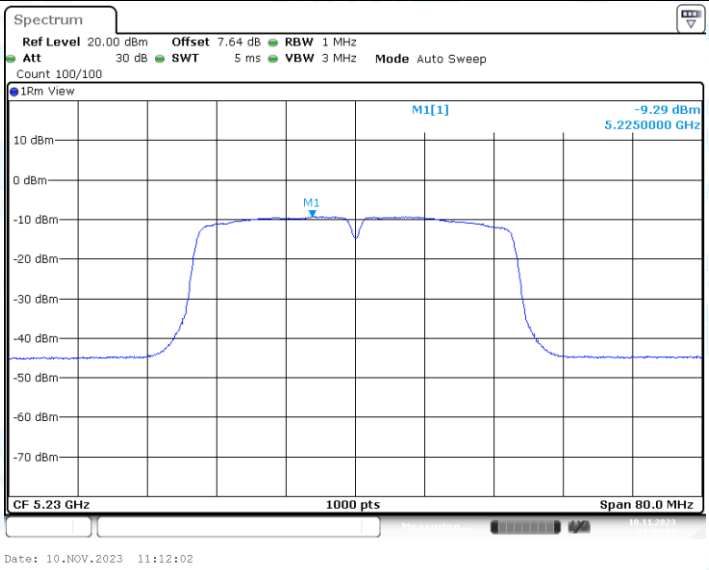

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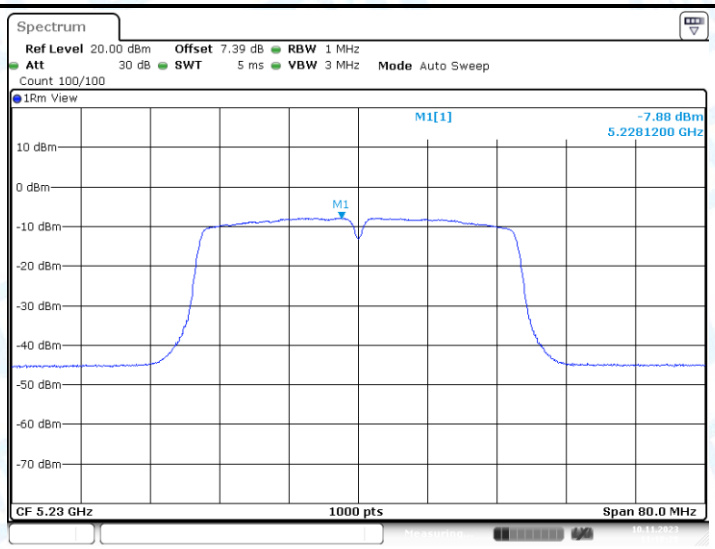

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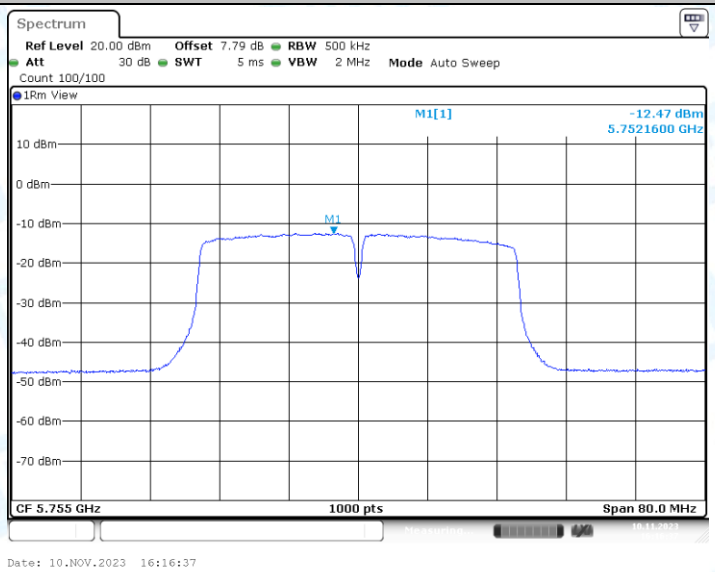

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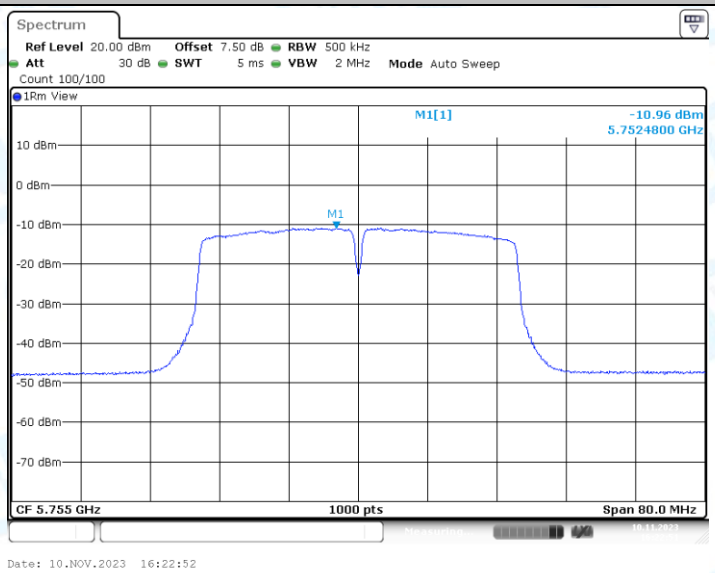

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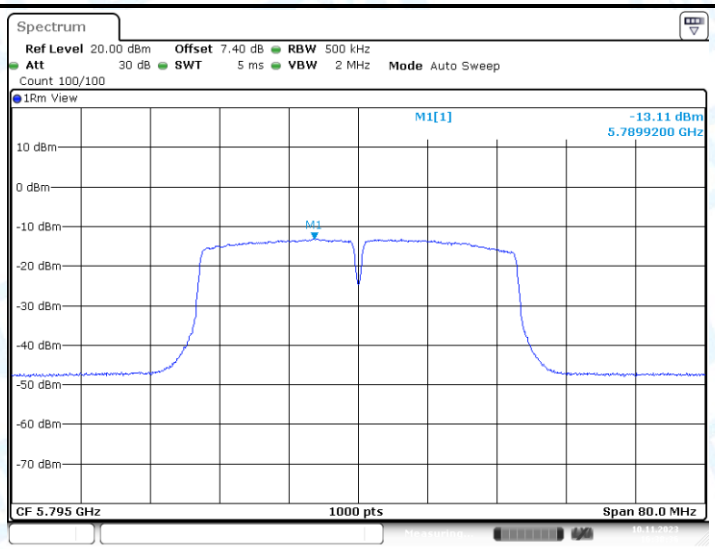

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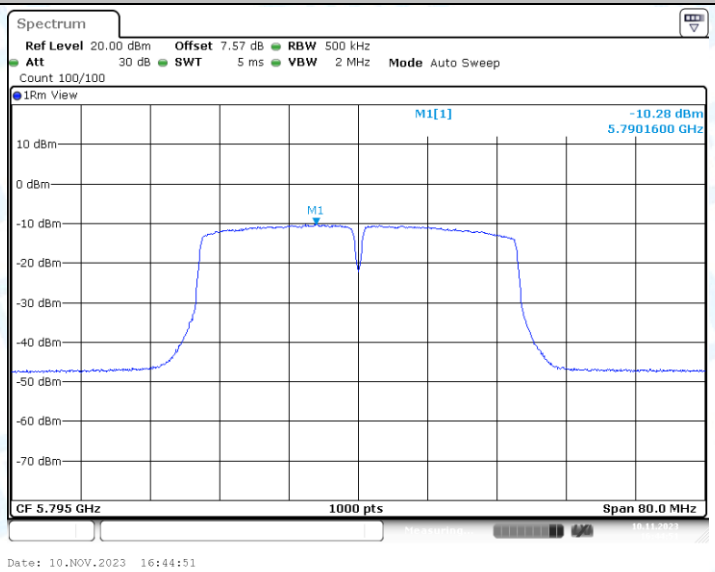

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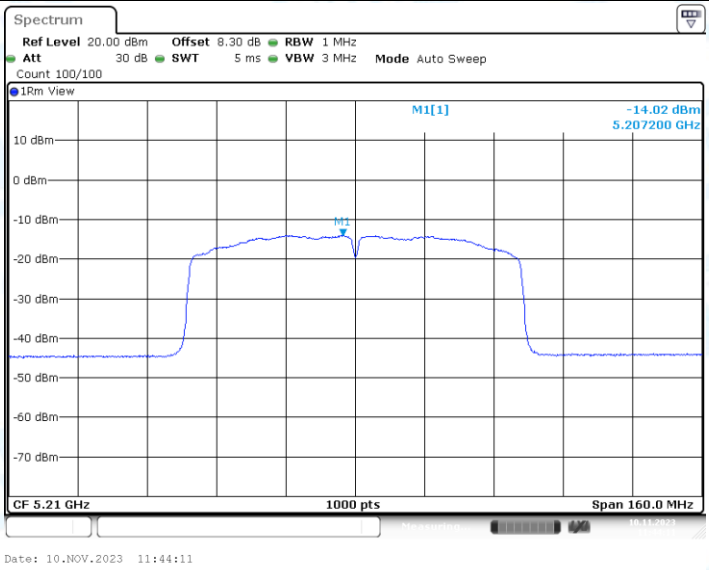

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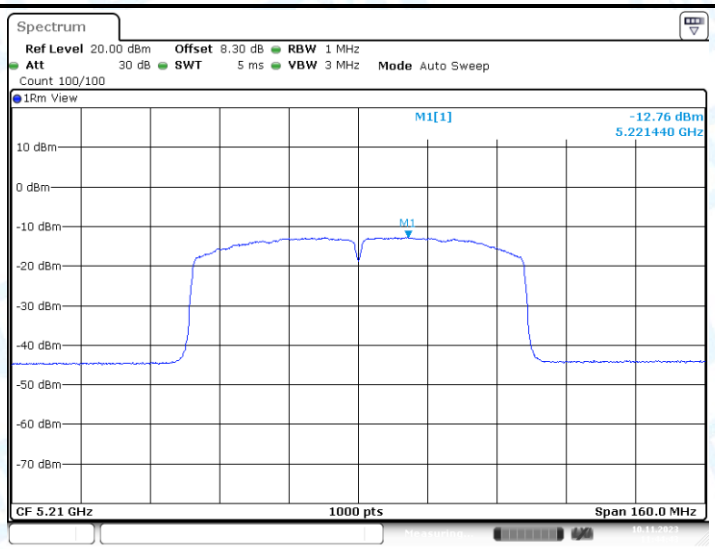

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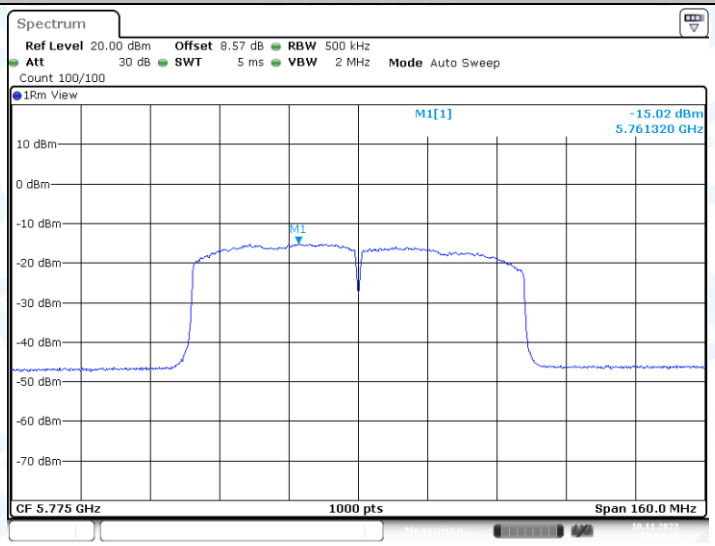

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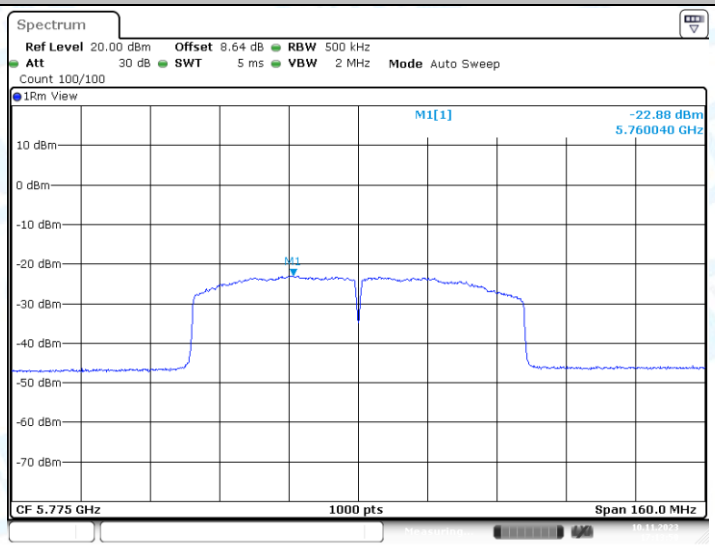

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6. Band edge measurements

6.1.Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-45.2	≤-27	PASS
	Ant2	Low	5180	-44.9	≤-27	PASS
	Ant1	High	5240	-47.37	≤-27	PASS
	Ant2	High	5240	-49.6	≤-27	PASS
11N20MIMO	Ant1	Low	5180	-45.4	≤-27	PASS
	Ant2	Low	5180	-45.64	≤-27	PASS
	Ant1	High	5240	-48.64	≤-27	PASS
	Ant2	High	5240	-48.76	≤-27	PASS
11N40MIMO	Ant1	Low	5190	-42.61	≤-27	PASS
	Ant2	Low	5190	-41.9	≤-27	PASS
	Ant1	High	5230	-49.36	≤-27	PASS
	Ant2	High	5230	-49.78	≤-27	PASS
11AC20MIMO	Ant1	Low	5180	-44.99	≤-27	PASS
	Ant2	Low	5180	-45.63	≤-27	PASS
	Ant1	High	5240	-47.92	≤-27	PASS
	Ant2	High	5240	-48.47	≤-27	PASS
11AC40MIMO	Ant1	Low	5190	-43.37	≤-27	PASS
	Ant2	Low	5190	-38.7	≤-27	PASS
	Ant1	High	5230	-49.06	≤-27	PASS
	Ant2	High	5230	-48.04	≤-27	PASS
11AC80MIMO	Ant1	Low	5210	-45.15	≤-27	PASS
	Ant2	Low	5210	-46.26	≤-27	PASS
	Ant1	High	5210	-49.32	≤-27	PASS
	Ant2	High	5210	-50.1	≤-27	PASS

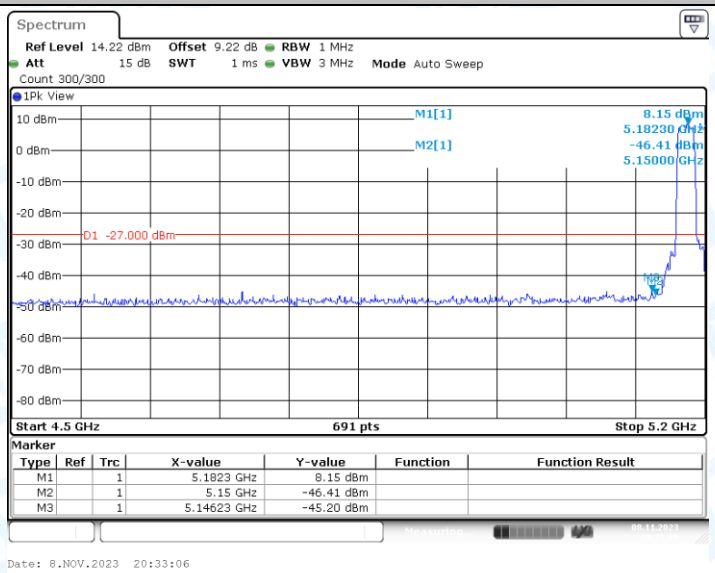
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-46.3	≤-1.35	PASS
				5700~5720	-43.9	≤14.67	PASS
				5720~5725	-39.51	≤22.82	PASS
				5760~5650	-47.81	≤-27	PASS
	Ant2	Low	5745	5650~5700	-48.77	≤8.15	PASS
				5700~5720	-47.54	≤12.85	PASS
				5720~5725	-42.38	≤23.96	PASS
				5760~5650	-50.44	≤-27	PASS
	Ant1	High	5825	5850~5855	-45.79	≤26.06	PASS
				5855~5875	-47.75	≤12.73	PASS
				5875~5925	-46.3	≤-2.15	PASS
				5925~5935	-49.09	≤-27	PASS

	Ant2	High	5825	5850~5855	-46.33	≤26.95	PASS
				5855~5875	-46.43	≤10.05	PASS
				5875~5925	-46.79	≤-19.66	PASS
				5925~5935	-47.22	≤-27	PASS
11N20MIMO	Ant1	Low	5745	5650~5700	-47.94	≤-19.85	PASS
				5700~5720	-45.42	≤14.76	PASS
				5720~5725	-42.82	≤25.48	PASS
				5760~5650	-50.3	≤-27	PASS
	Ant2	Low	5745	5650~5700	-48.66	≤-3.57	PASS
				5700~5720	-47.25	≤11.73	PASS
				5720~5725	-45.37	≤27.00	PASS
				5760~5650	-50.17	≤-27	PASS
	Ant1	High	5825	5850~5855	-46.14	≤16.25	PASS
				5855~5875	-49.11	≤12.90	PASS
				5875~5925	-47.84	≤-2.15	PASS
				5925~5935	-50.59	≤-27	PASS
	Ant2	High	5825	5850~5855	-47.26	≤20.26	PASS
				5855~5875	-48.62	≤11.91	PASS
				5875~5925	-48.71	≤-20.24	PASS
				5925~5935	-49.7	≤-27	PASS
11N40MIMO	Ant1	Low	5755	5650~5700	-43.14	≤9.69	PASS
				5700~5720	-40.28	≤13.66	PASS
				5720~5725	-44.6	≤23.93	PASS
				5780~5650	-50.16	≤-27	PASS
	Ant2	Low	5755	5650~5700	-46.45	≤-11.15	PASS
				5700~5720	-44.06	≤15.03	PASS
				5720~5725	-43.09	≤23.48	PASS
				5780~5650	-49.06	≤-27	PASS
	Ant1	High	5795	5850~5855	-48.99	≤23.48	PASS
				5855~5875	-47.56	≤13.52	PASS
				5875~5925	-49.21	≤-23.83	PASS
				5925~5935	-49.81	≤-27	PASS
	Ant2	High	5795	5850~5855	-48.12	≤15.85	PASS
				5855~5875	-47.24	≤14.66	PASS
				5875~5925	-47.36	≤-25.78	PASS
				5925~5935	-50.32	≤-27	PASS
11AC20MIMO	Ant1	Low	5745	5650~5700	-48.75	≤-14.54	PASS
				5700~5720	-48.76	≤14.39	PASS
				5720~5725	-45.64	≤25.48	PASS
				5760~5650	-50.53	≤-27	PASS
	Ant2	Low	5745	5650~5700	-48.51	≤4.82	PASS
				5700~5720	-47.48	≤14.81	PASS
				5720~5725	-45.55	≤23.20	PASS
				5760~5650	-50.22	≤-27	PASS
	Ant1	High	5825	5850~5855	-47.89	≤20.26	PASS

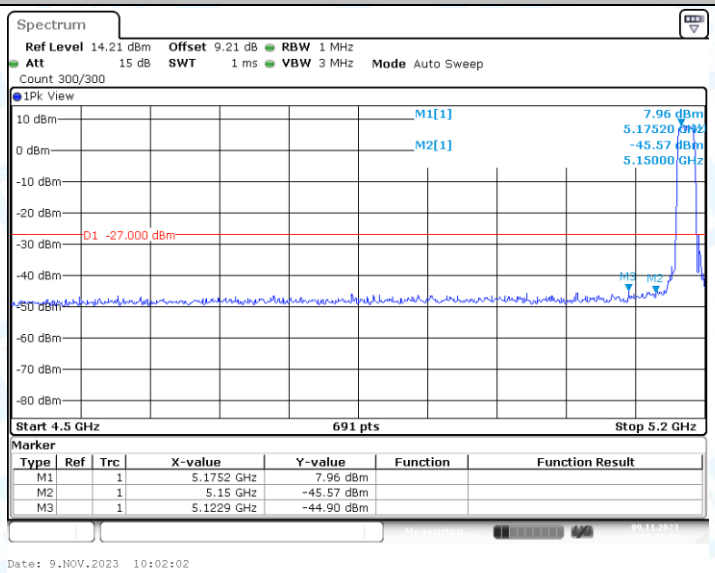
				5855~5875	-49.31	≤10.16	PASS
				5875~5925	-49.21	≤-5.76	PASS
				5925~5935	-49.38	≤-27	PASS
	Ant2	High	5825	5850~5855	-47.35	≤26.95	PASS
				5855~5875	-47.56	≤10.05	PASS
				5875~5925	-48.84	≤5.82	PASS
				5925~5935	-50.23	≤-27	PASS
11AC40MIMO	Ant1	Low	5755	5650~5700	-48.22	≤1.73	PASS
				5700~5720	-46.37	≤15.20	PASS
				5720~5725	-44.23	≤19.91	PASS
				5780~5650	-50.56	≤-27	PASS
	Ant2	Low	5755	5650~5700	-46.81	≤-2.18	PASS
				5700~5720	-42.35	≤13.94	PASS
				5720~5725	-39.66	≤17.68	PASS
				5780~5650	-50.5	≤-27	PASS
	Ant1	High	5795	5850~5855	-49.88	≤16.94	PASS
				5855~5875	-47.16	≤13.85	PASS
				5875~5925	-48.57	≤-25.07	PASS
				5925~5935	-50.21	≤-27	PASS
	Ant2	High	5795	5850~5855	-48.61	≤25.12	PASS
				5855~5875	-46.88	≤13.38	PASS
				5875~5925	-49.19	≤-6.31	PASS
				5925~5935	-48.35	≤-27	PASS
11AC80MIMO	Ant1	Low	5775	5650~5700	-44.91	≤-2.11	PASS
				5700~5720	-42.67	≤15.42	PASS
				5720~5725	-42.79	≤26.42	PASS
				5800~5650	-49.65	≤-27	PASS
		High	5775	5850~5855	-51.26	≤23.56	PASS
				5855~5875	-48.1	≤11.91	PASS
				5875~5925	-48.38	≤-21.09	PASS
				5925~5935	-49.4	≤-27	PASS
	Ant2	Low	5775	5650~5700	-50.34	≤5.21	PASS
				5700~5720	-48.69	≤15.55	PASS
				5720~5725	-47.03	≤17.72	PASS
				5800~5650	-52.08	≤-27	PASS
		High	5775	5850~5855	-50.82	≤22.34	PASS
				5855~5875	-50.7	≤11.76	PASS
				5875~5925	-49.73	≤-21.09	PASS
				5925~5935	-49.93	≤-27	PASS

6.2.Test Graphs

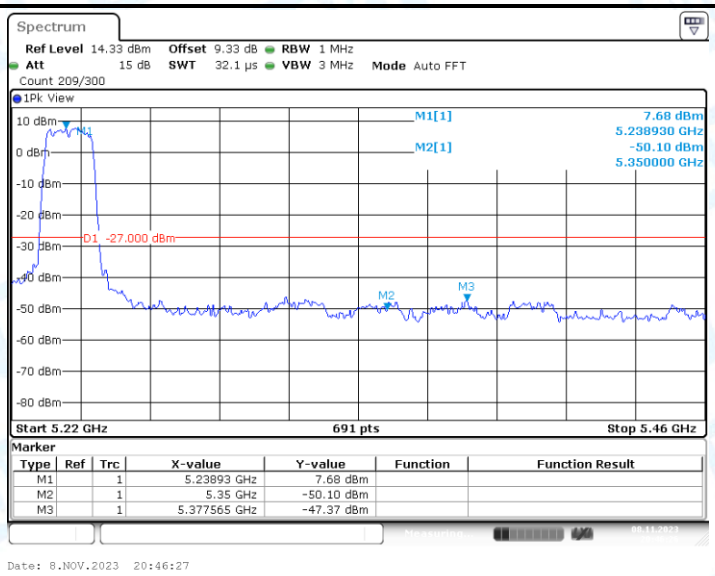
11A_Ant1_Low_5180



11A_Ant2_Low_5180



11A_Ant1_High_5240



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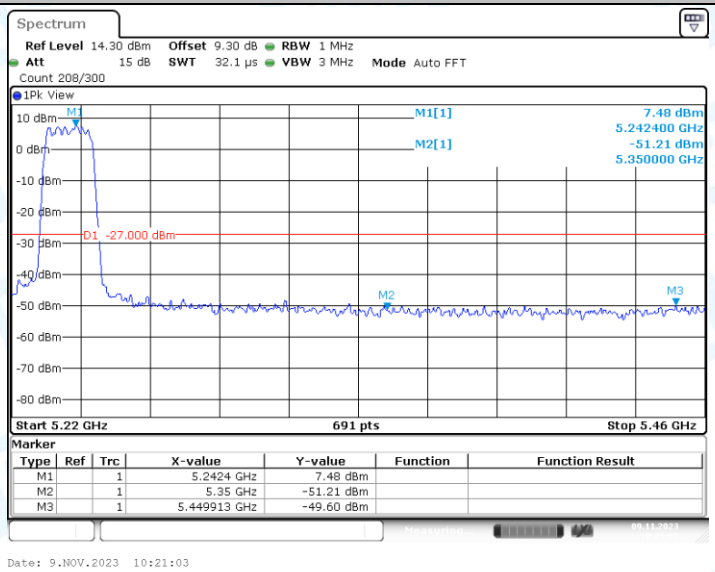
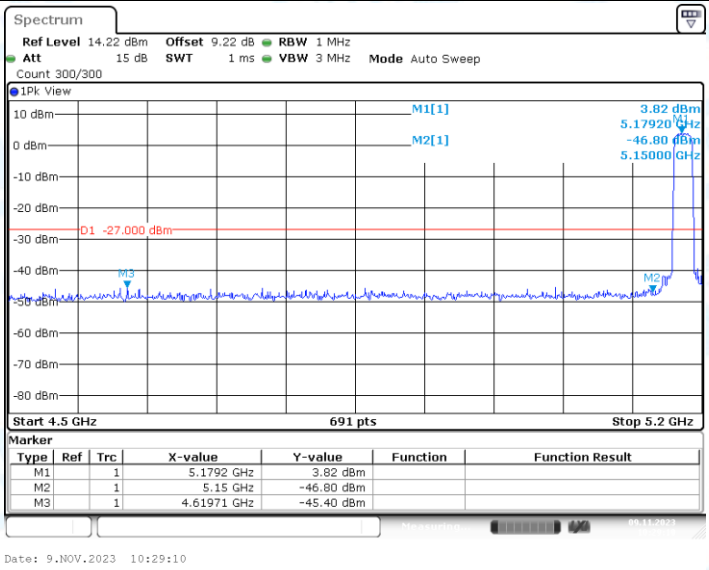


11N20MIMO_Ant1_Low_5180



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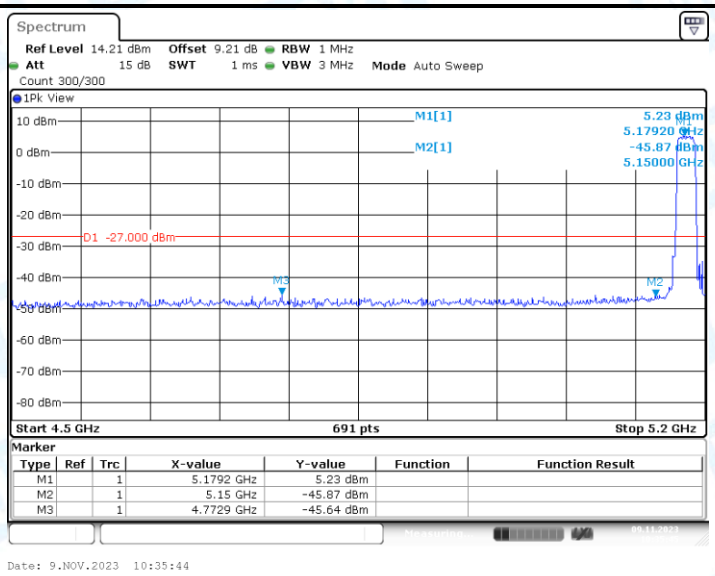

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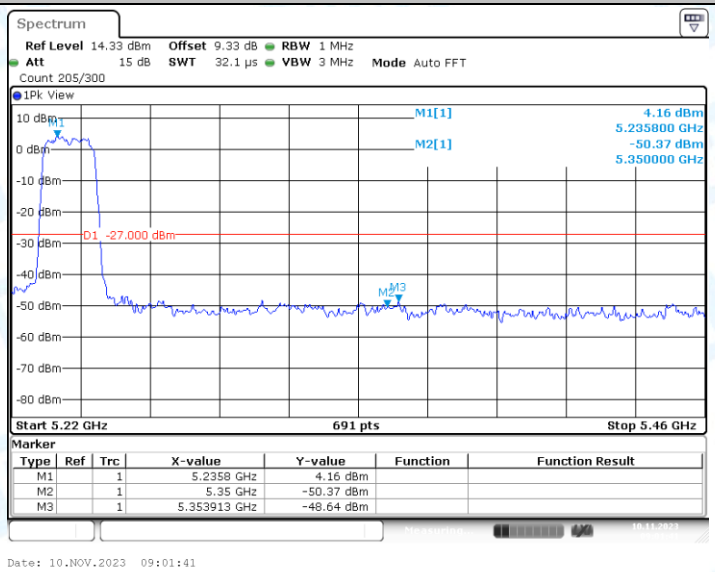
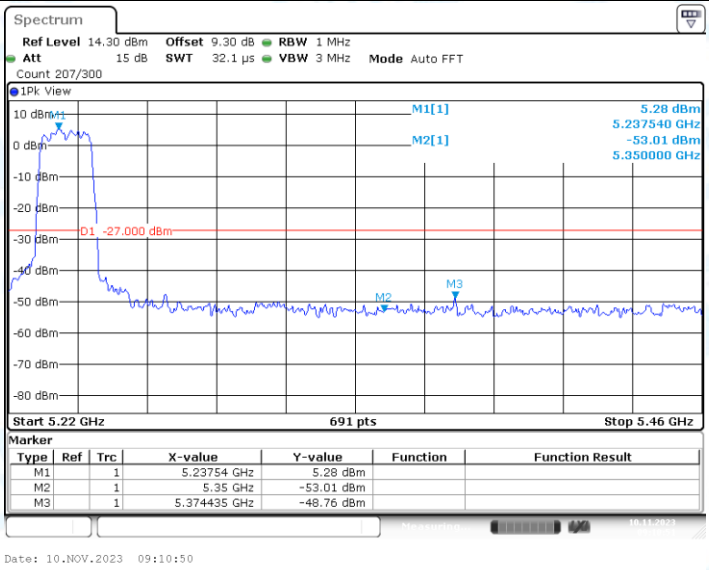
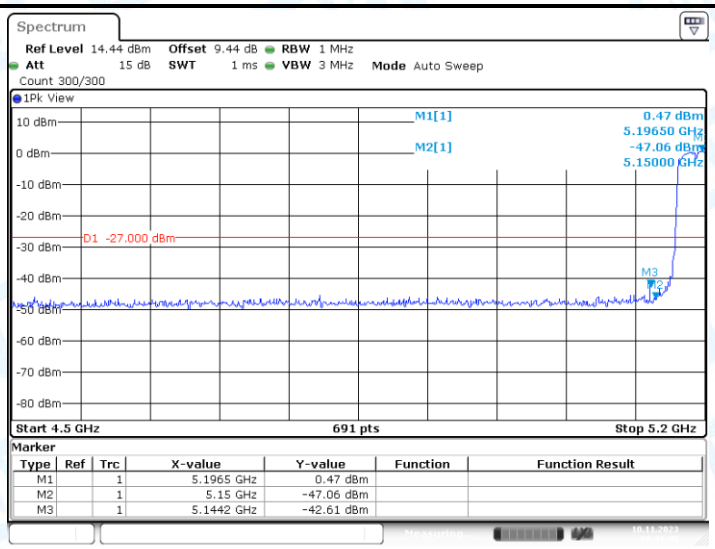


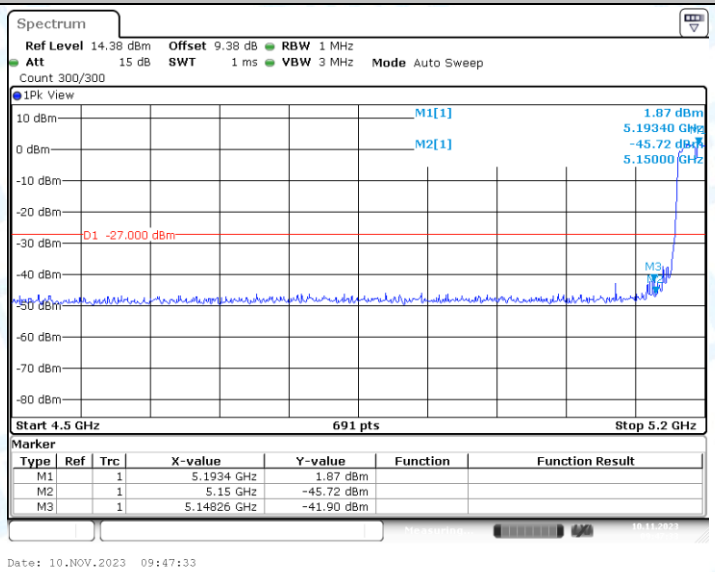
11N20MIMO_Ant2_High_5240



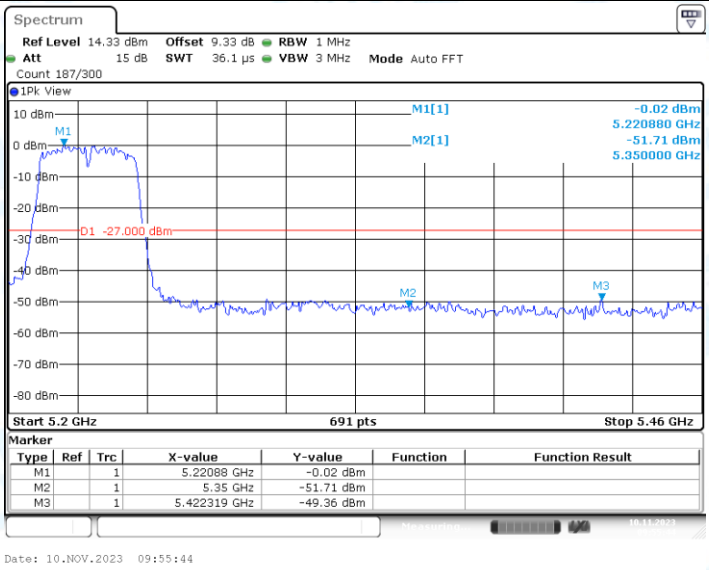
11N40MIMO_Ant1_Low_5190



11N40MIMO_Ant2_Low_5190



11N40MIMO_Ant1_High_5230



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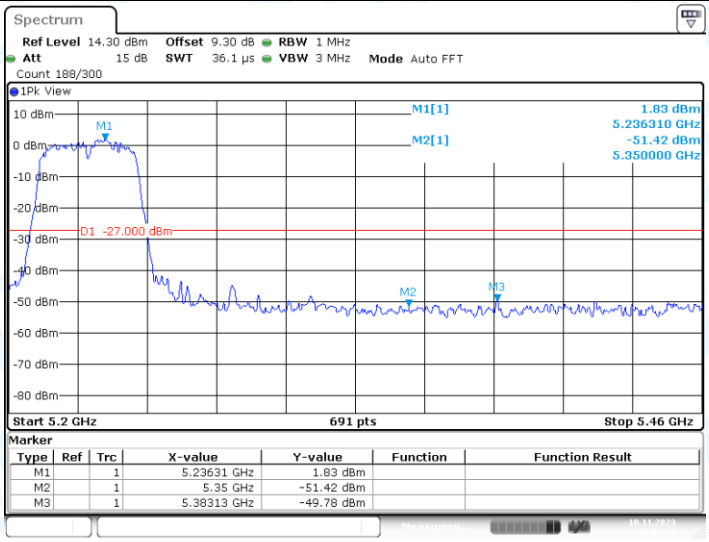
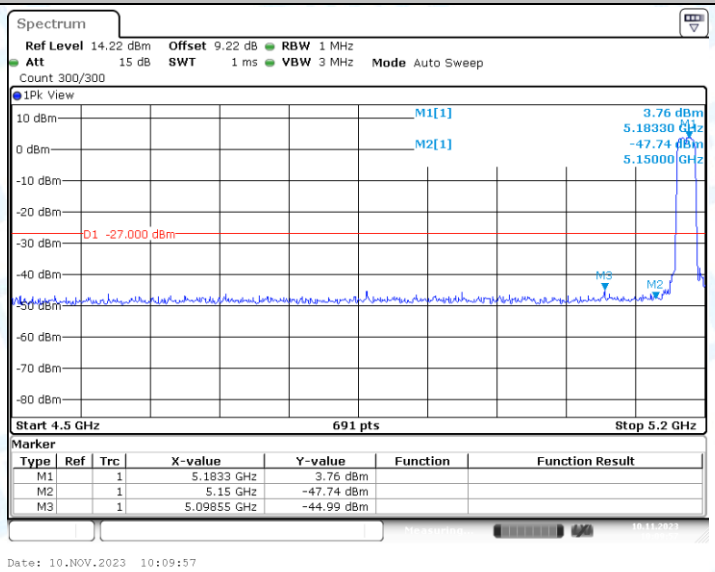


11AC20MIMO_Ant1_Low_5180



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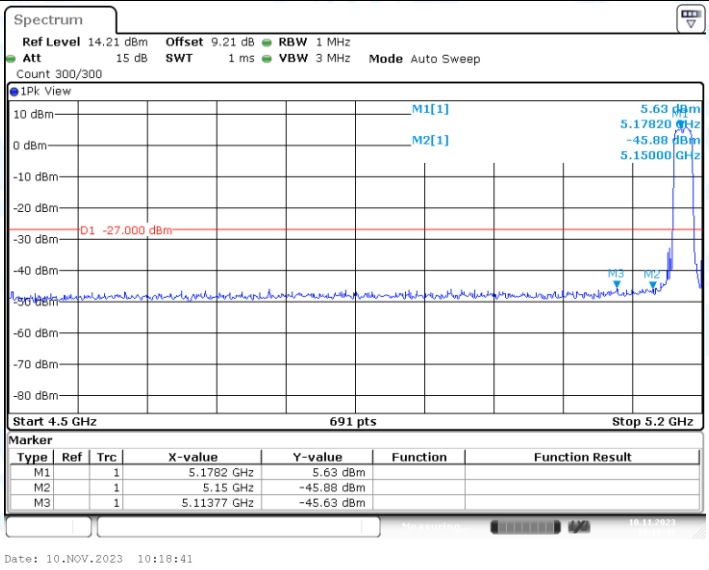
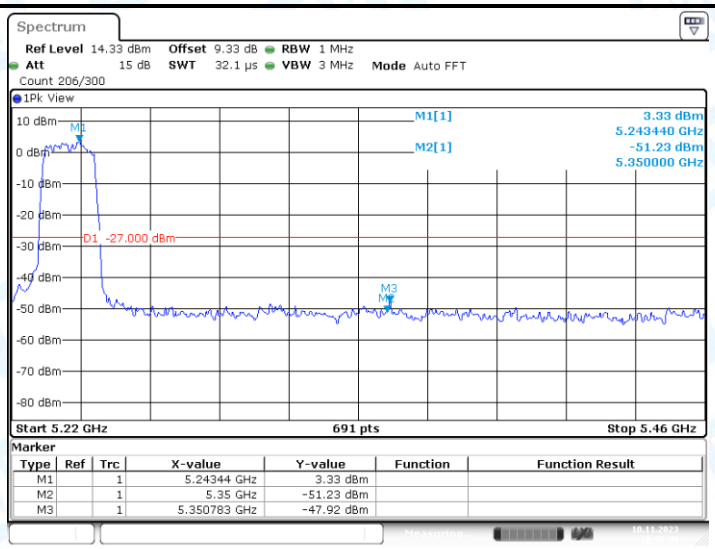


11AC20MIMO_Ant1_High_5240



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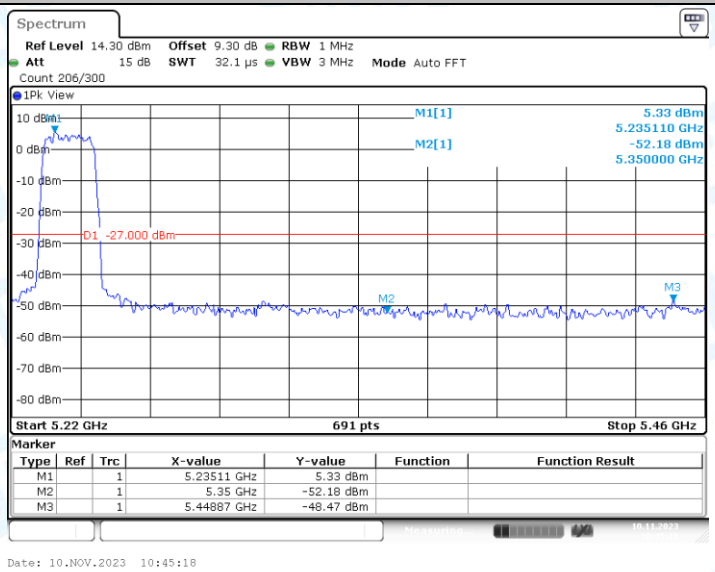
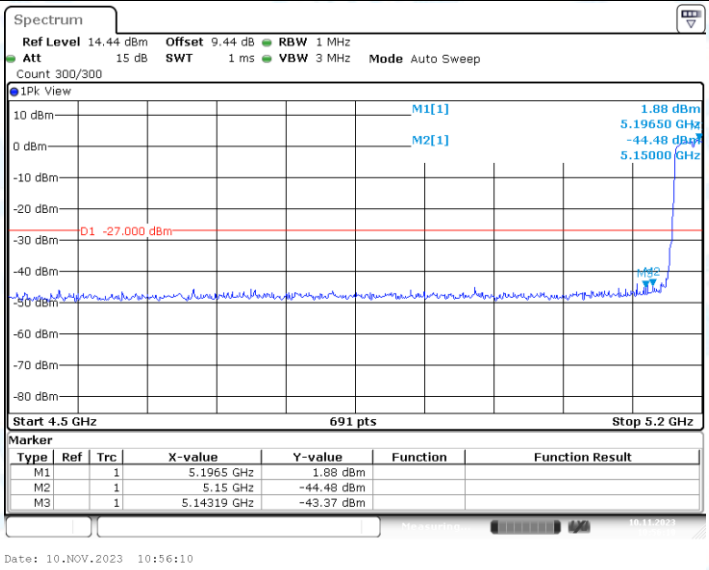


11AC40MIMO_Ant1_Low_5190



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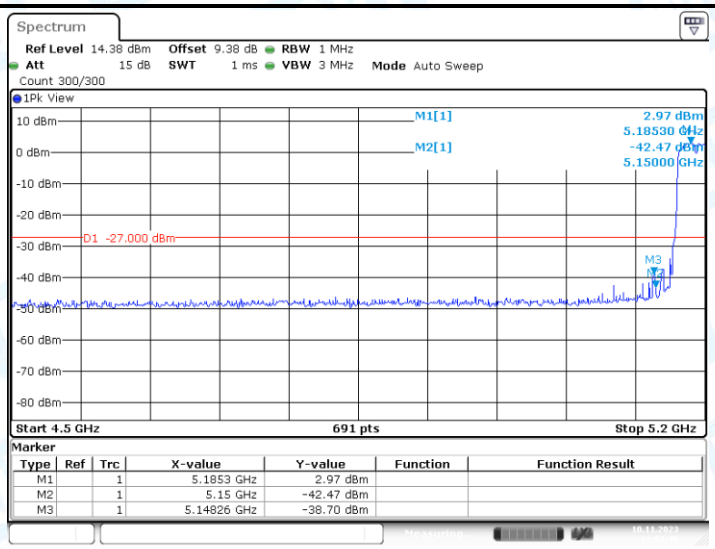
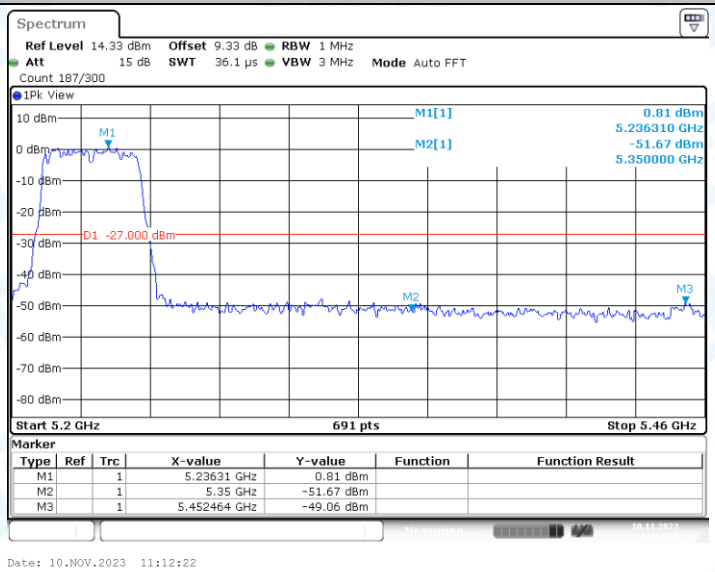


11AC40MIMO_Ant1_High_5230



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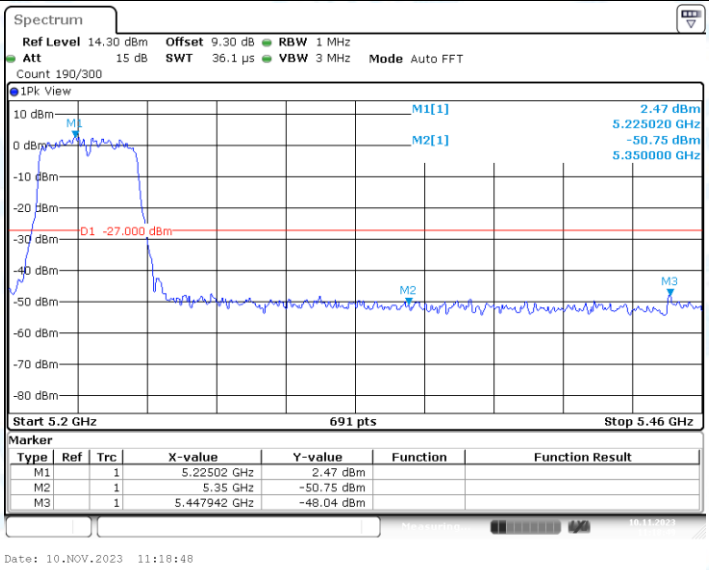

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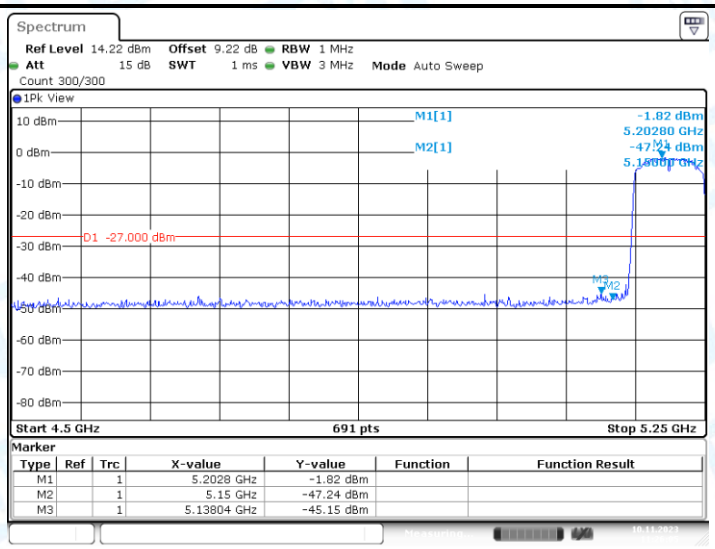

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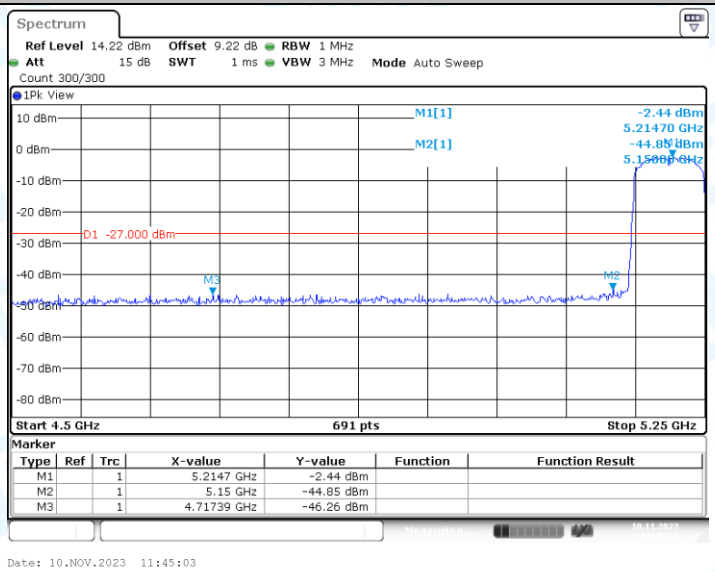

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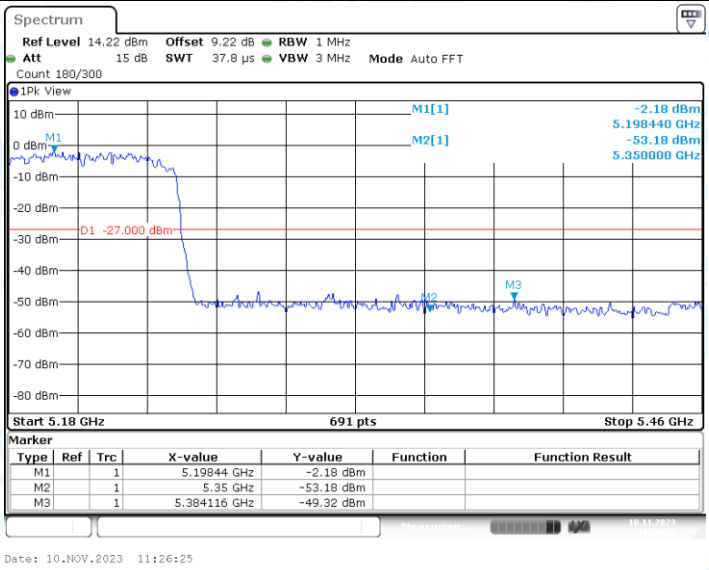

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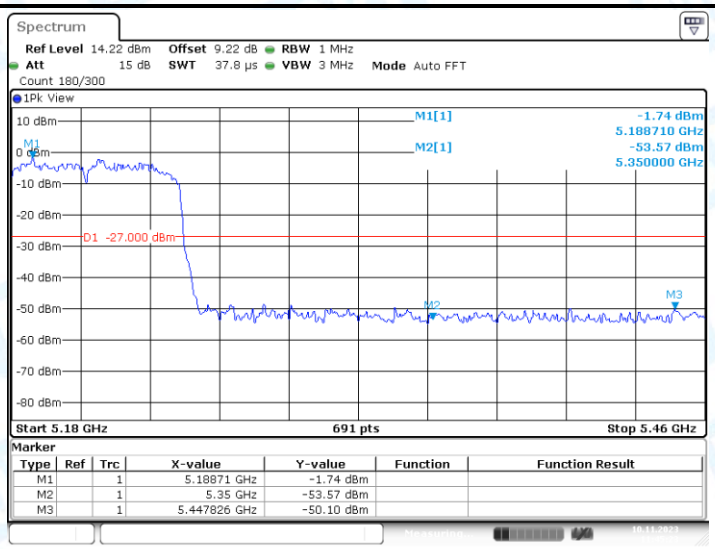
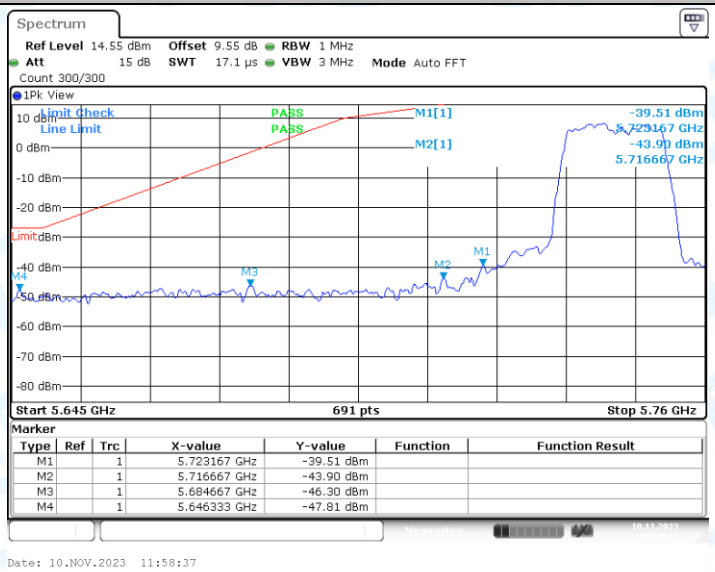

Spectrum
Ref Level 14.22 dBm Offset 9.22 dB RBW 1 MHz
Att 15 dB SWT 37.8 µs VBW 3 MHz Mode Auto FFT
Count 180/300
1Pk View
M1[1] -1.74 dBm 5.188710 GHz
M2[1] -53.57 dBm 5.350000 GHz
D1 -27.000 dBm
Start 5.18 GHz 691 pts Stop 5.46 GHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 5.18871 GHz -1.74 dBm
M2 1 5.35 GHz -53.57 dBm
M3 1 5.447826 GHz -50.10 dBm
Date: 10.NOV.2023 11:45:23

11A_Ant1_Low_5745



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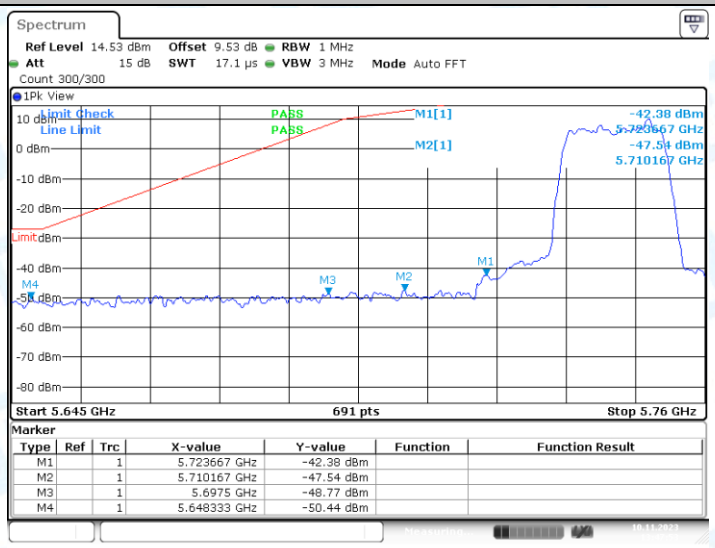
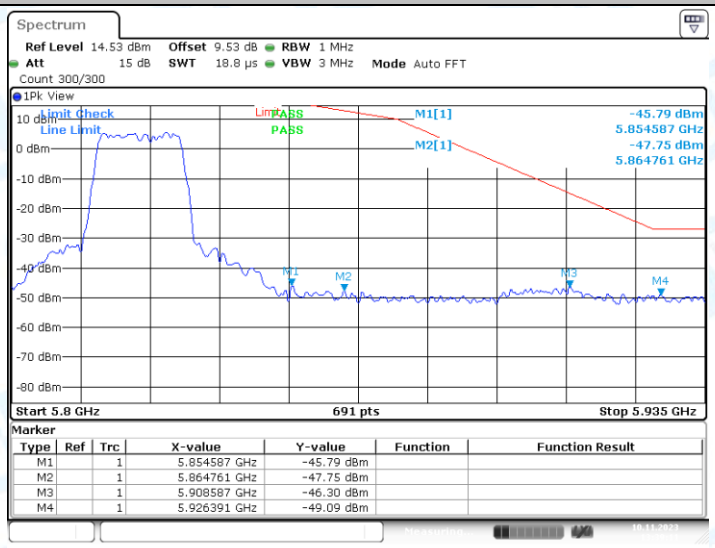
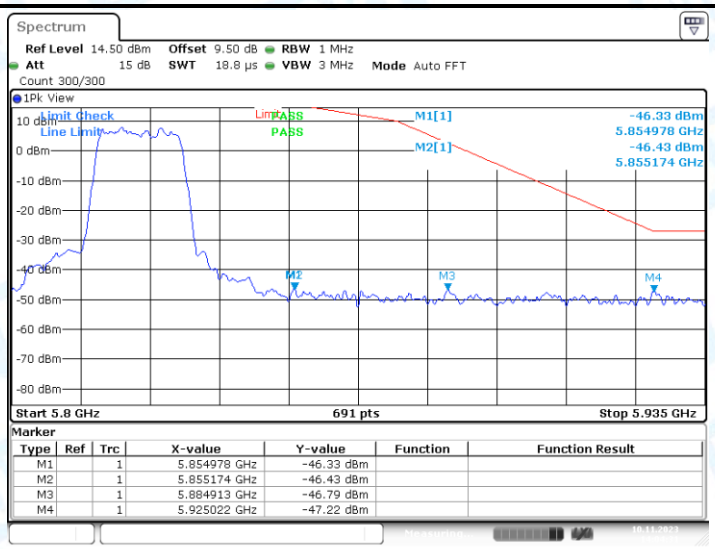


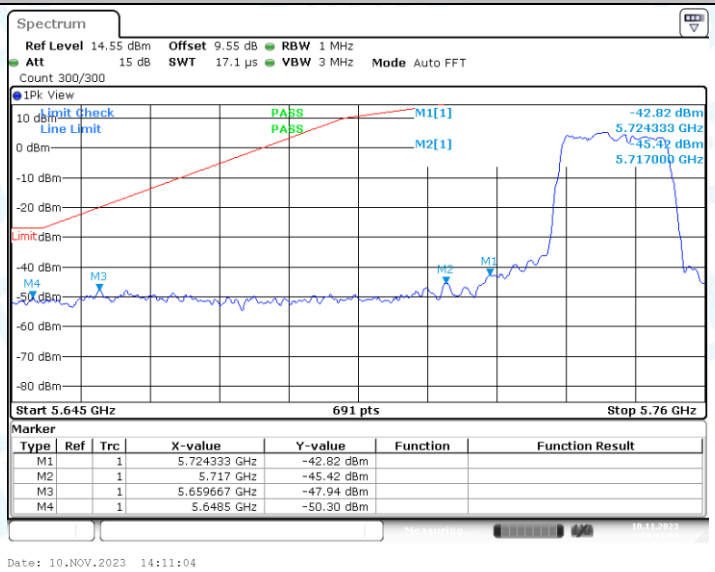
11A_Ant1_High_5825



11A_Ant2_High_5825



11N20MIMO_Ant1_Low_5745



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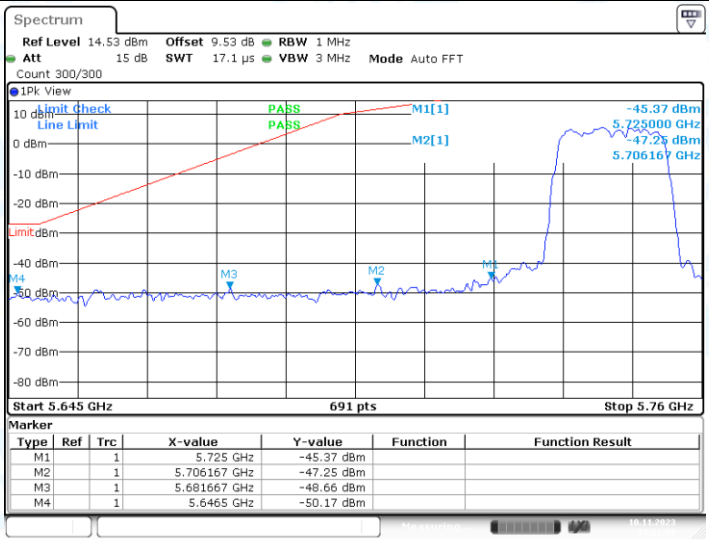

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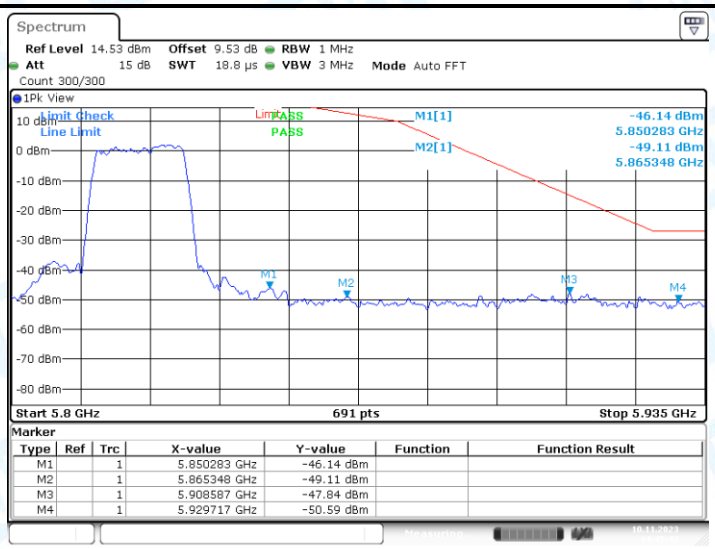

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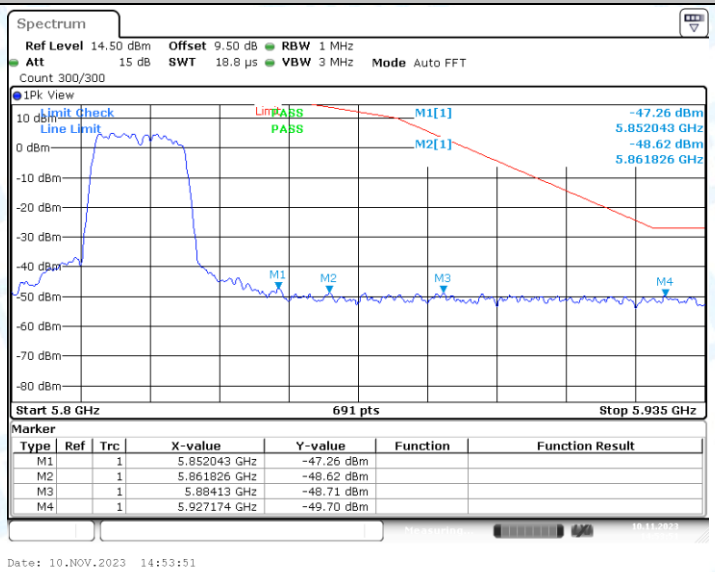
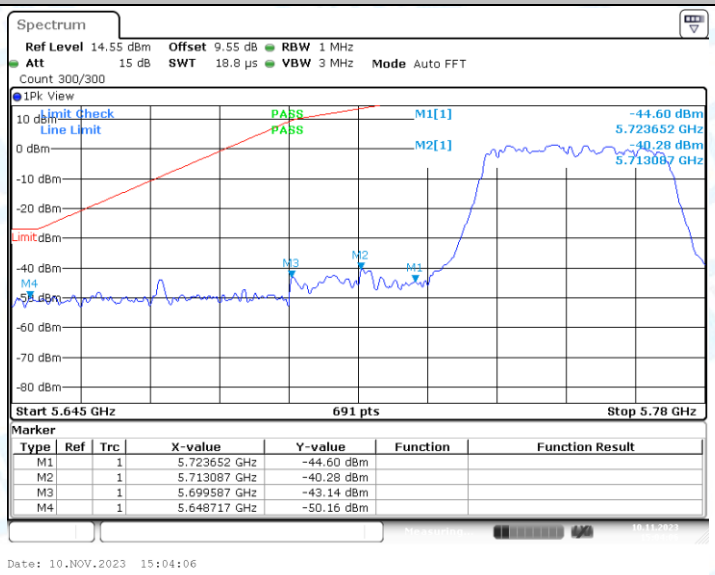


11N40MIMO_Ant1_Low_5755



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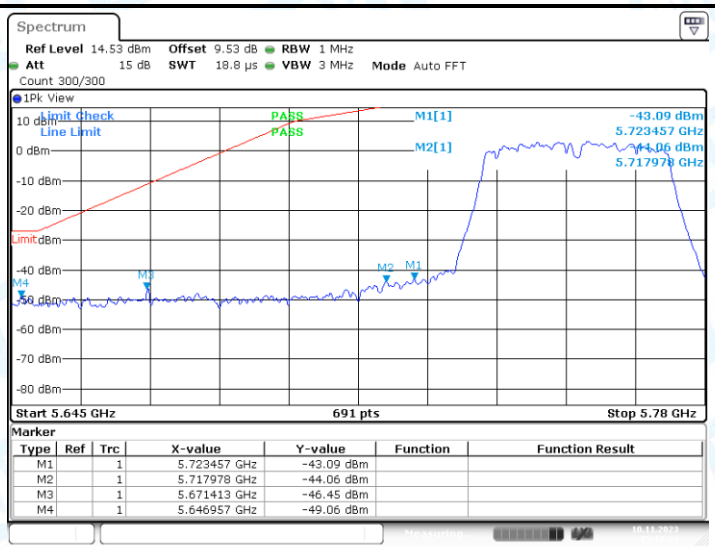

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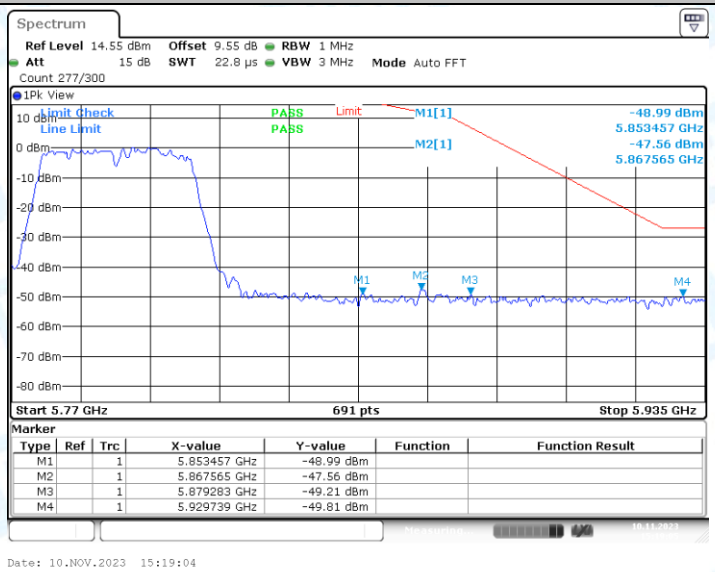
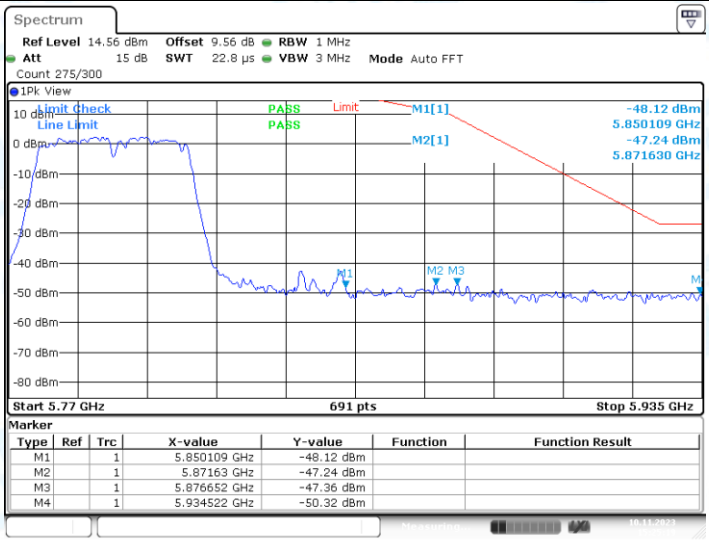
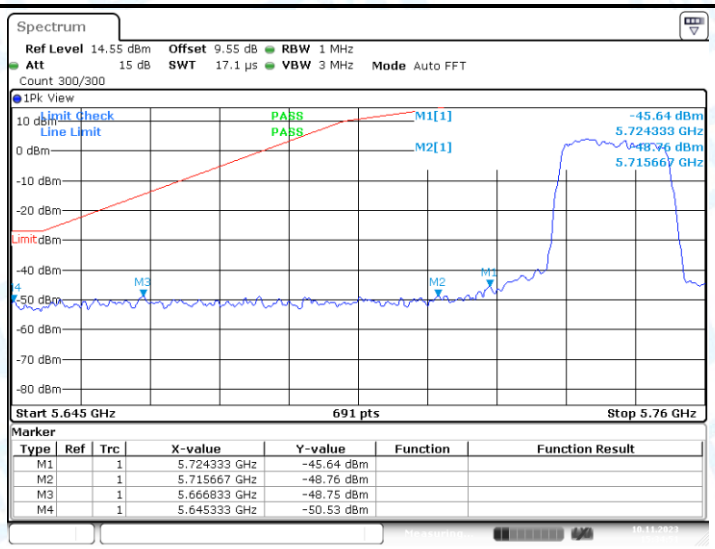


11N40MIMO_Ant2_High_5795



11AC20MIMO_Ant1_Low_5745



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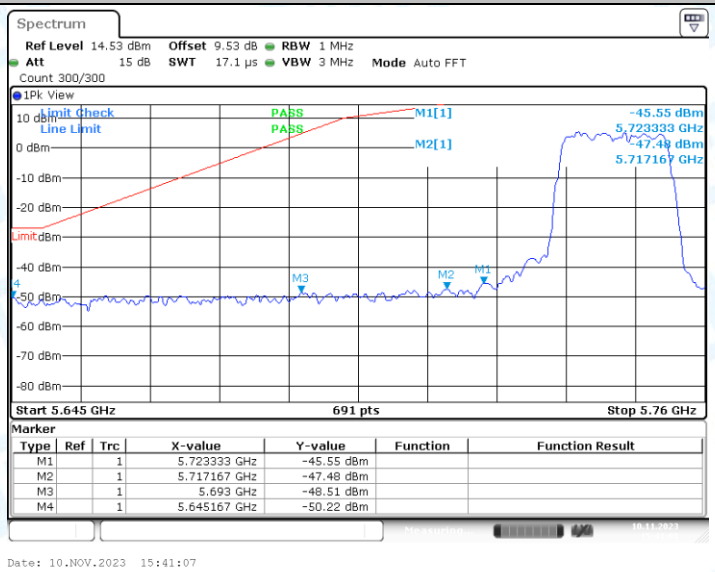

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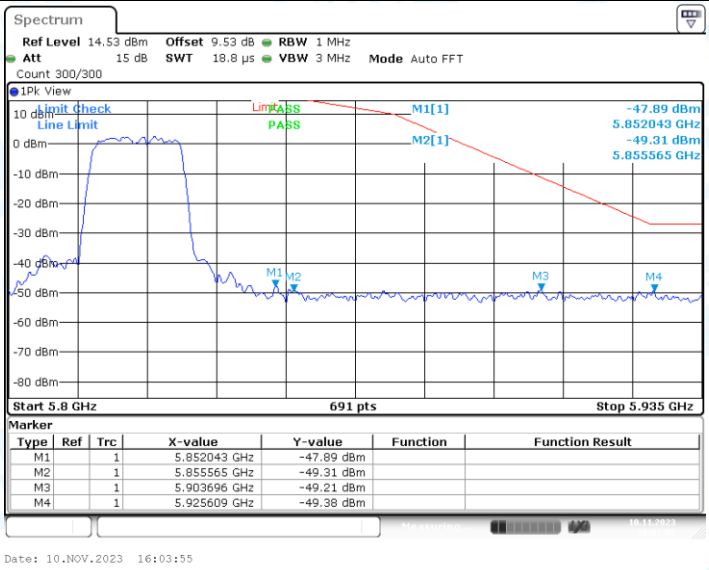
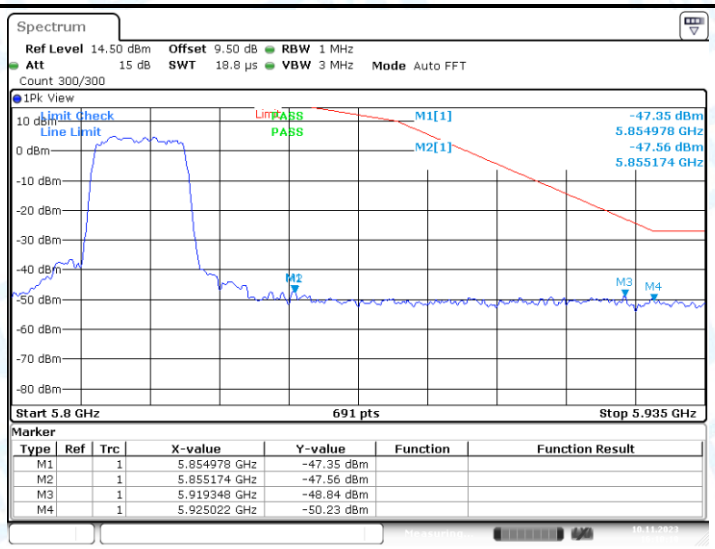


11AC20MIMO_Ant2_High_5825



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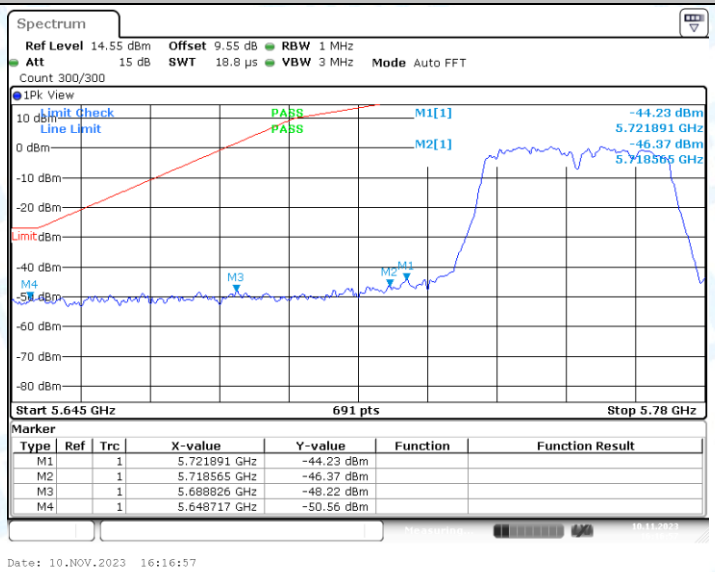

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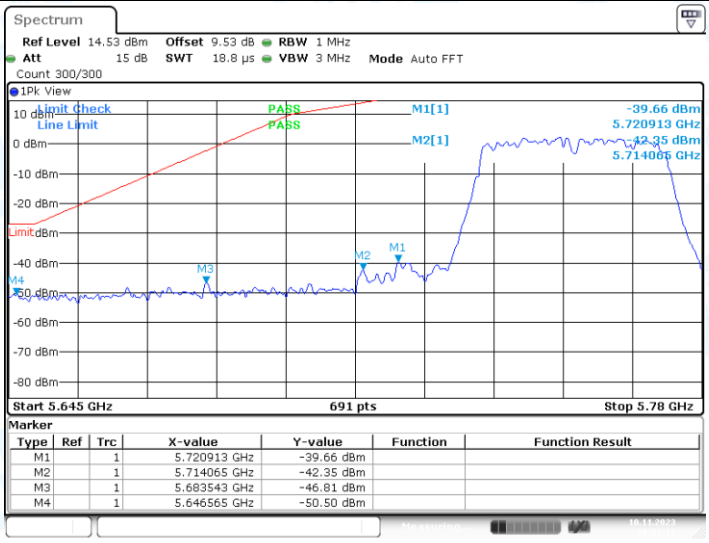

11AC40MIMO_Ant1_High_5795