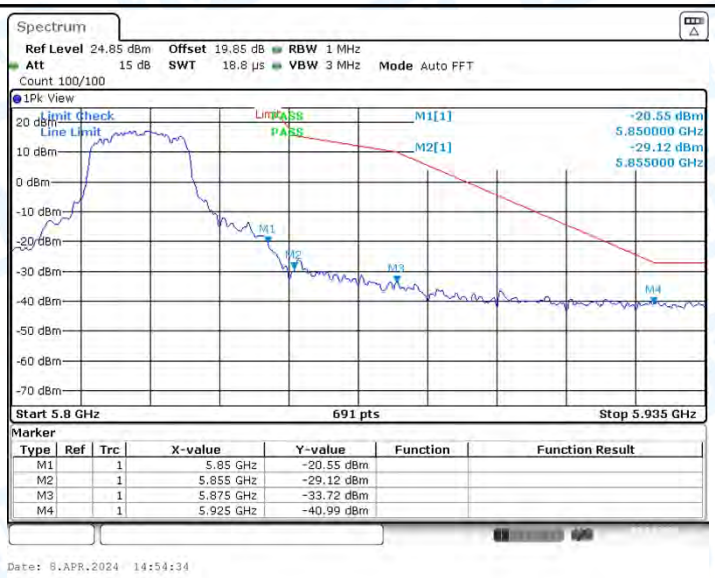
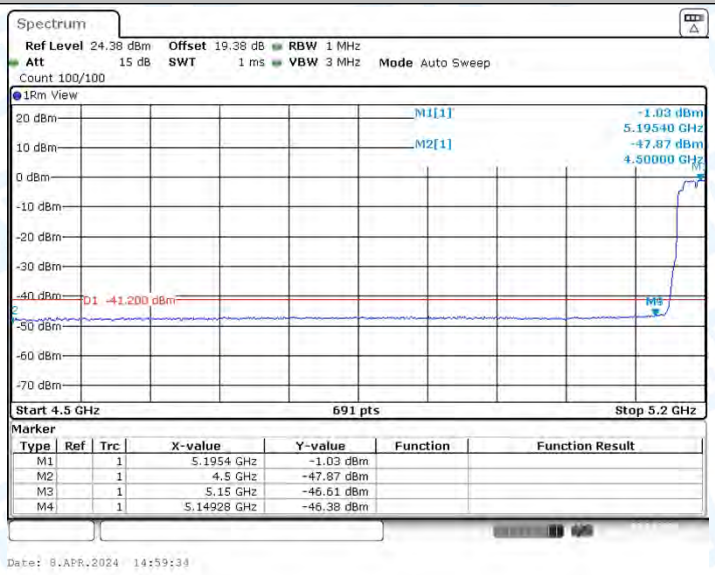
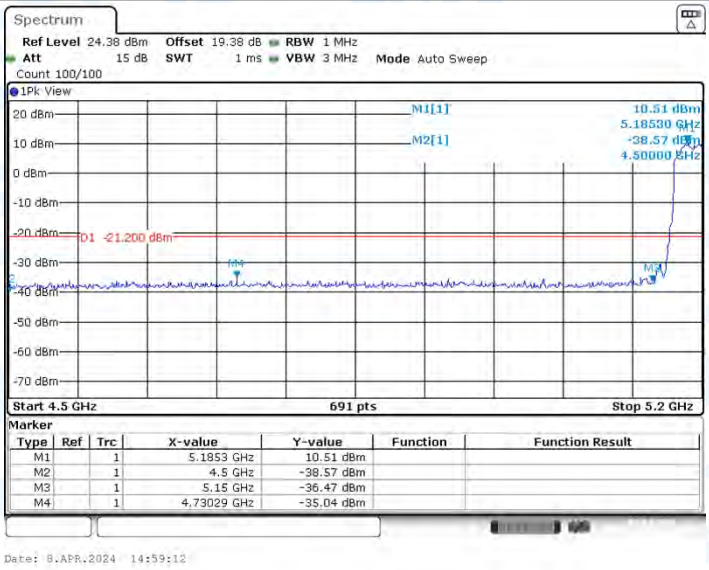


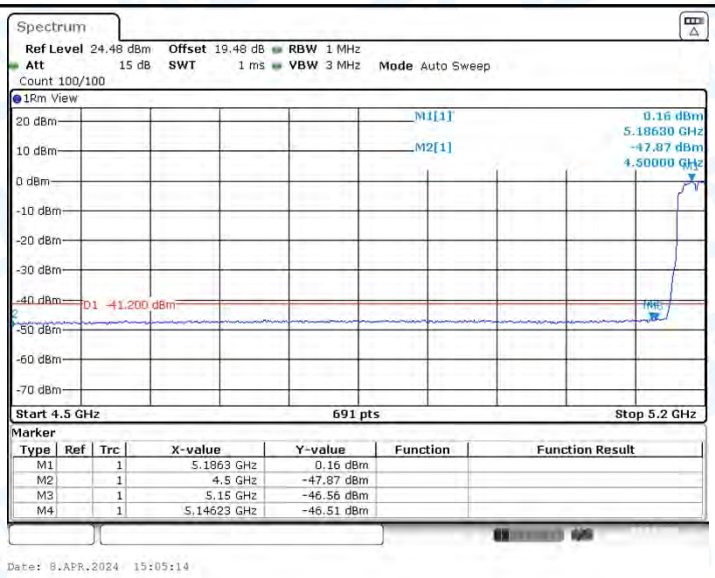
11AX40MIMO_Ant1_Low_5190_AV



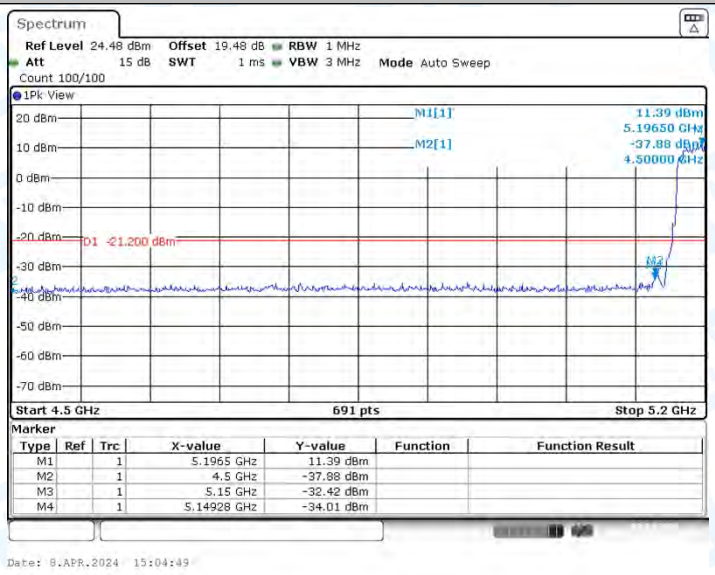
11AX40MIMO_Ant1_Low_5190_Peak



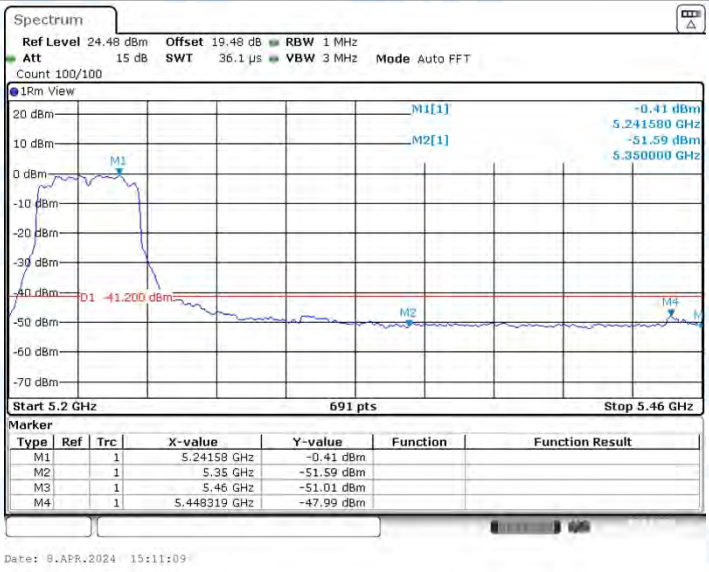
11AX40MIMO_Ant2_Low_5190_AV



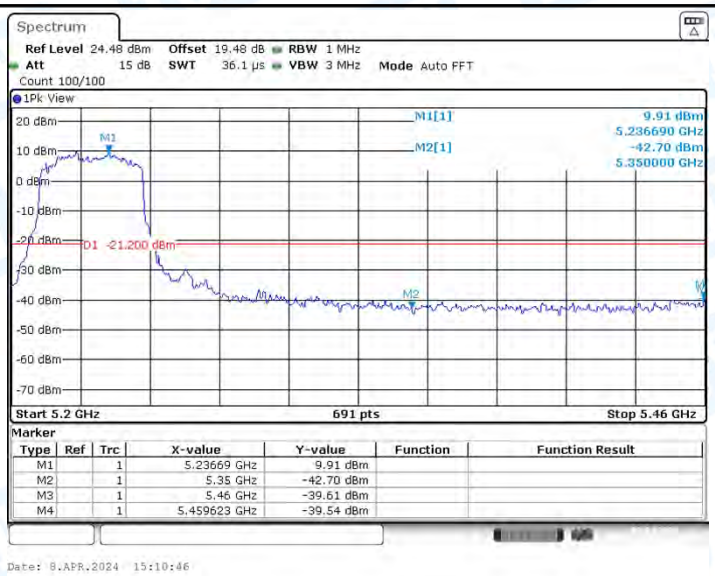
11AX40MIMO_Ant2_Low_5190_Peak



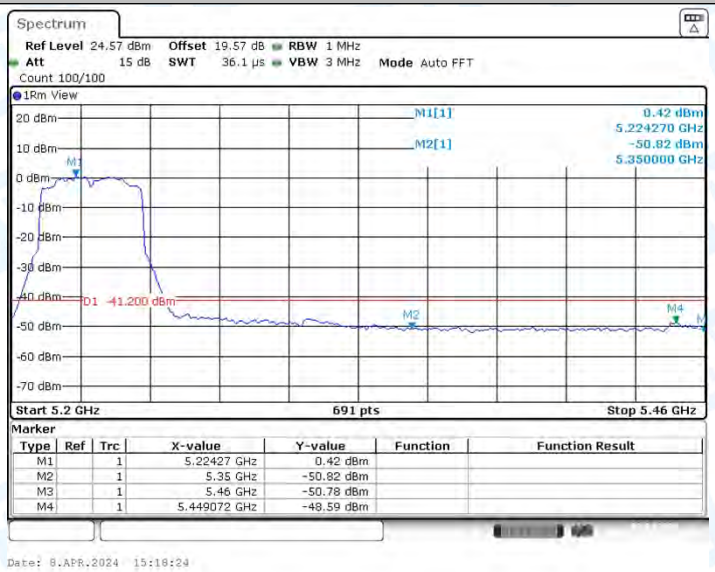
11AX40MIMO_Ant1_High_5230_AV



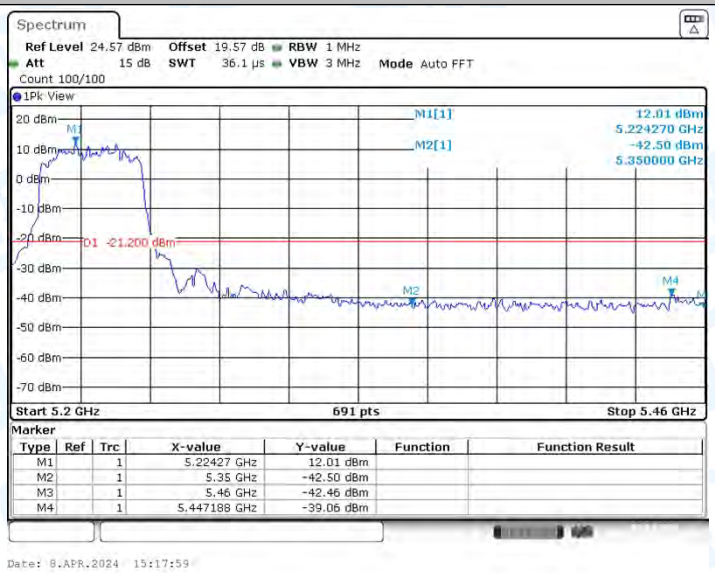
11AX40MIMO_Ant1_High_5230_Peak



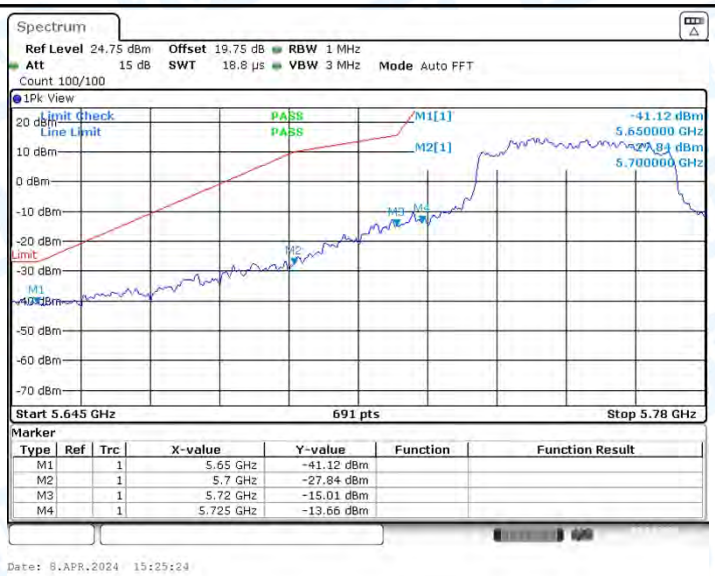
11AX40MIMO_Ant2_High_5230_AV



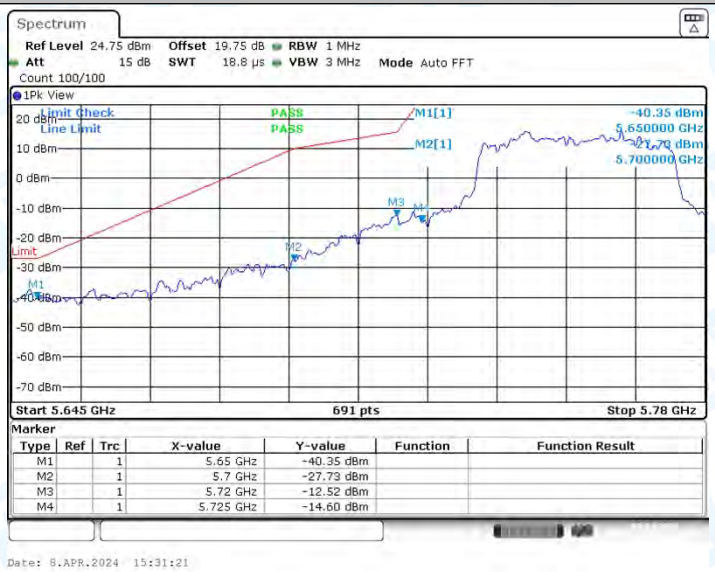
11AX40MIMO_Ant2_High_5230_Peak



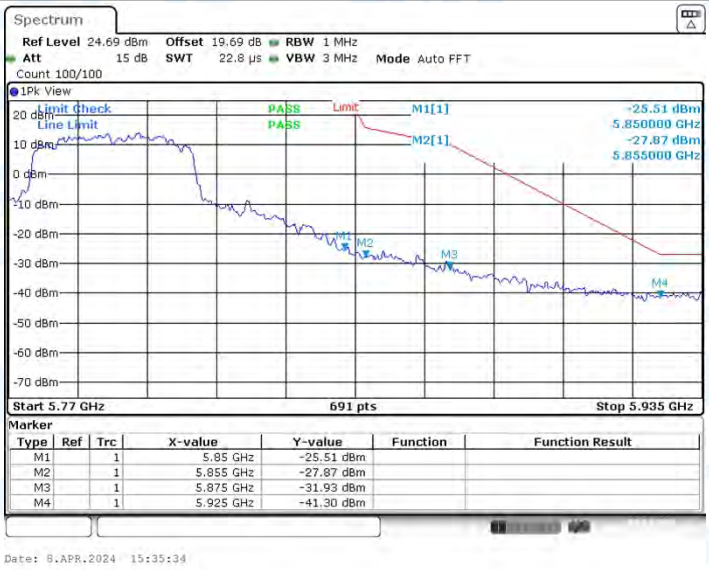
11AX40MIMO_Ant1_Low_5755_Peak



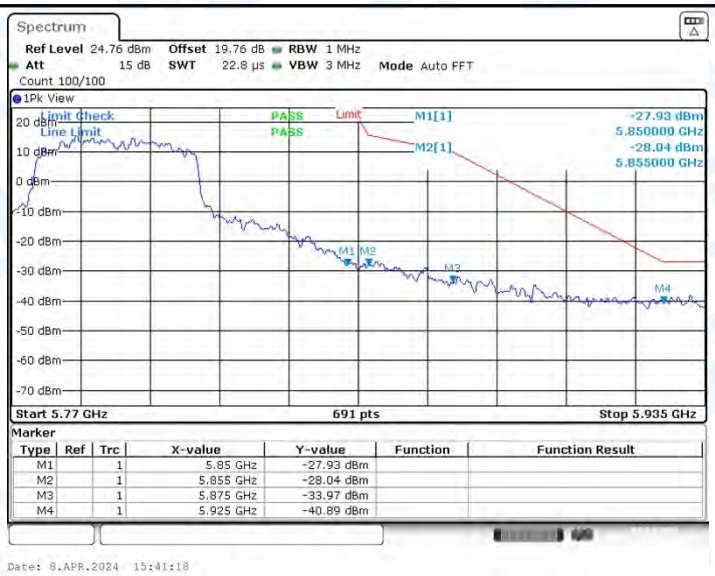
11AX40MIMO_Ant2_Low_5755_Peak



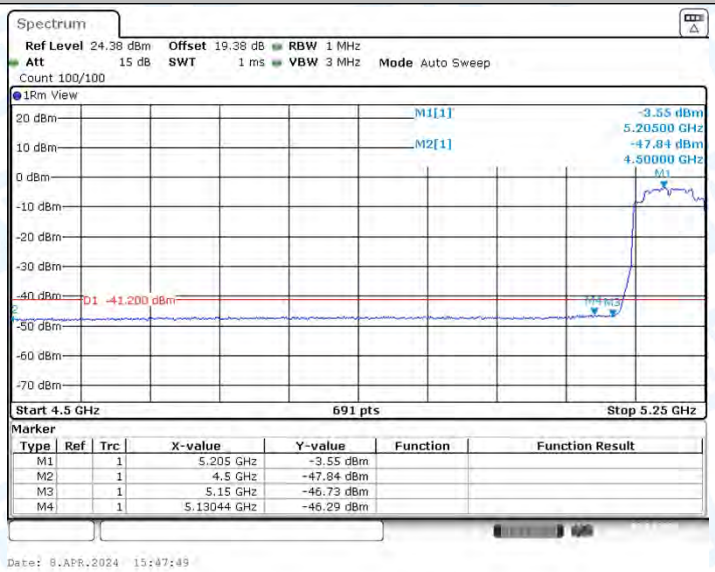
11AX40MIMO_Ant1_High_5795_Peak



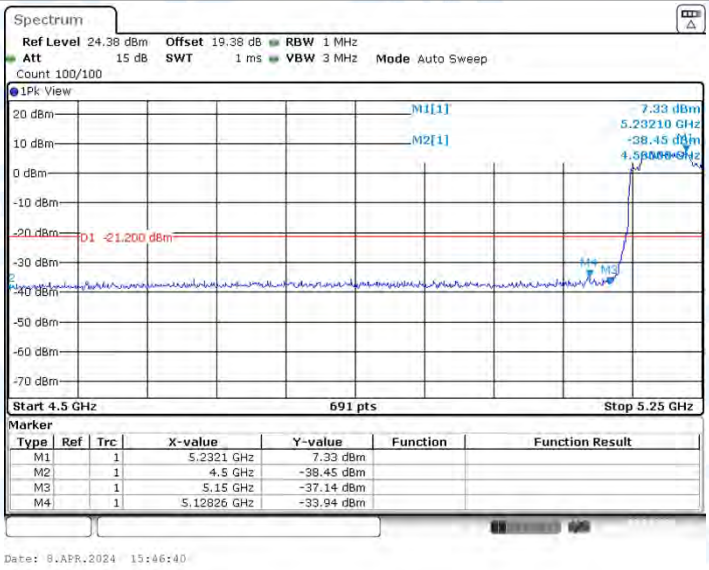
11AX40MIMO_Ant2_High_5795_Peak



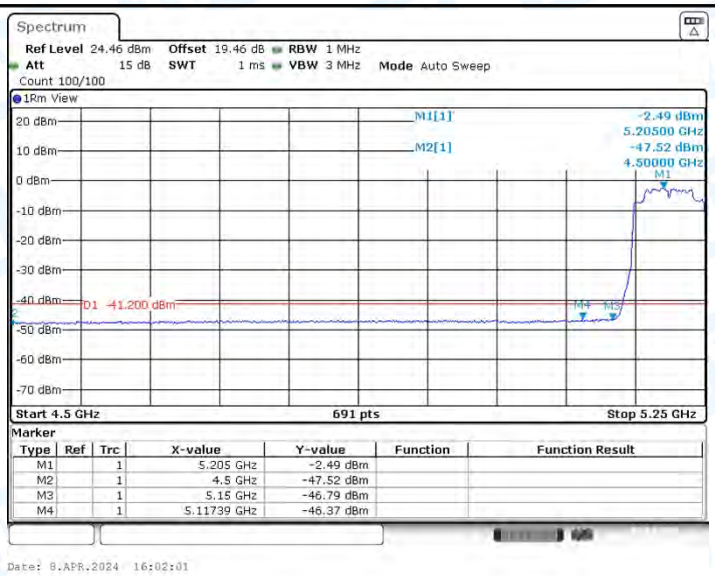
11AX80MIMO_Ant1_Low_5210_AV



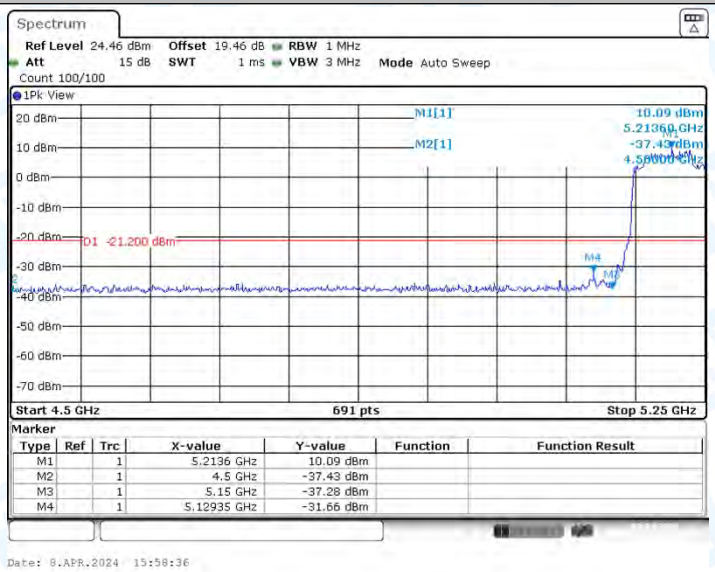
11AX80MIMO_Ant1_Low_5210_Peak



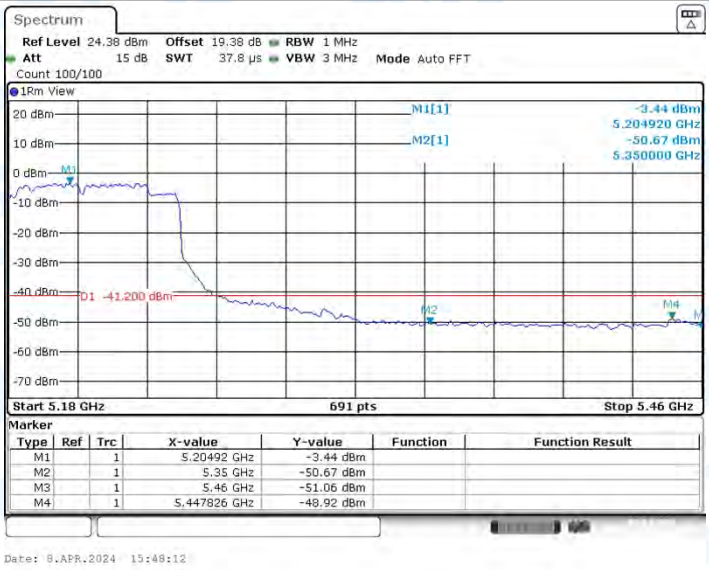
11AX80MIMO_Ant2_Low_5210_AV



11AX80MIMO_Ant2_Low_5210_Peak

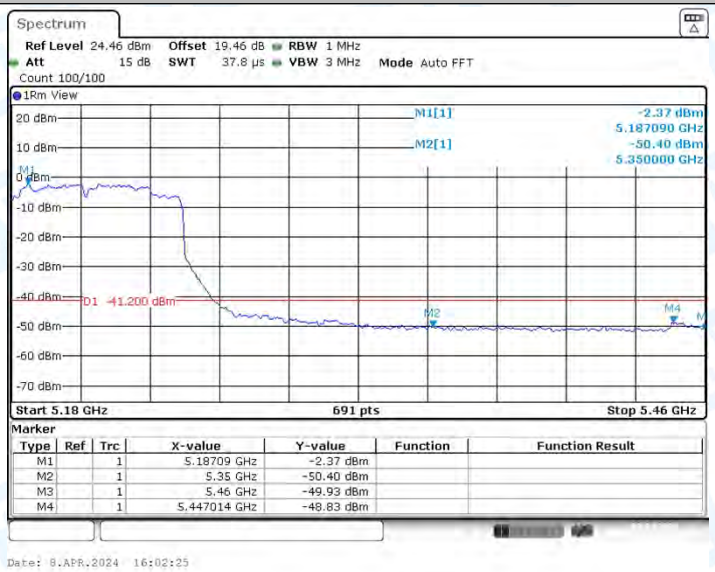


11AX80MIMO_Ant1_High_5210_AV

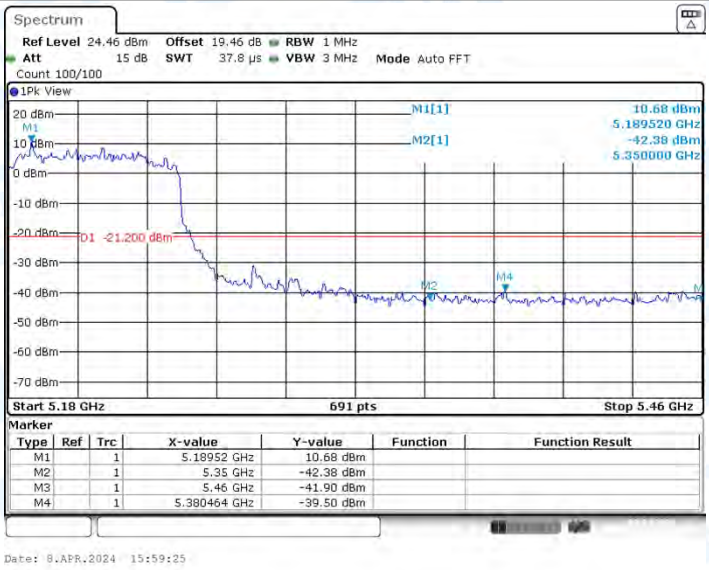


11AX80MIMO_Ant1_High_5210_Peak

11AX80MIMO_Ant2_High_5210_AV

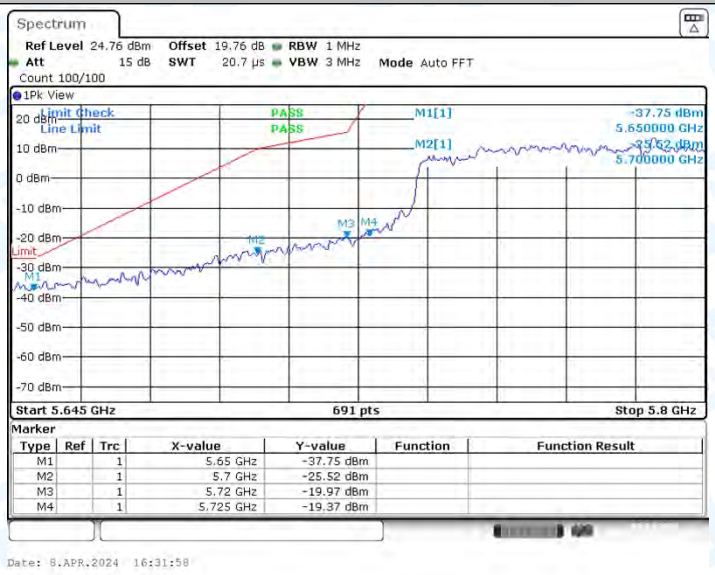


11AX80MIMO_Ant2_High_5210_Peak

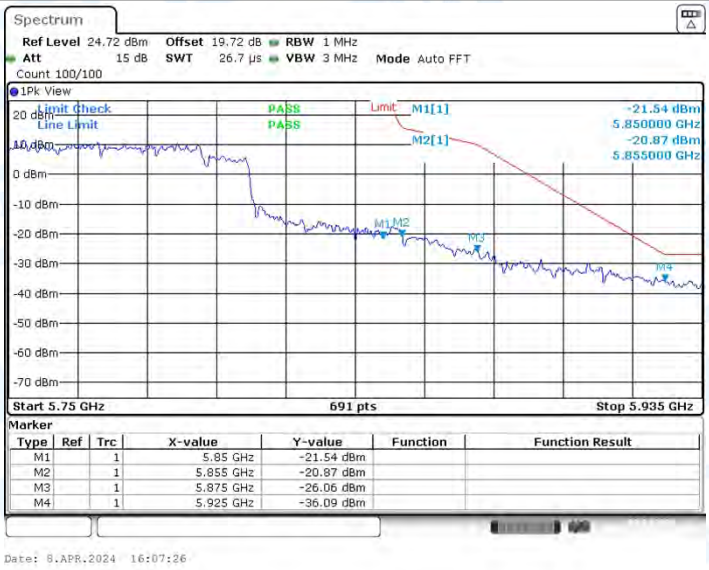


11AX80MIMO_Ant1_Low_5775_Peak

11AX80MIMO_Ant2_Low_5775_Peak



11AX80MIMO_Ant1_High_5775_Peak



11AX80MIMO_Ant2_High_5775_Peak

Spectrum
Ref Level 24.76 dBm Offset 19.76 dB RBW 1 MHz
Att 15 dB SWT 26.7 µs VBW 3 MHz Mode Auto FFT
Count 100/100
1Pk View
Limit Check PASS
Line Limit PASS
Limit
M1[1] -20.73 dBm 5.850000 GHz
M2[1] -20.94 dBm 5.855000 GHz
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
M1 M2
M3
M4
Start 5.75 GHz 691 pts Stop 5.935 GHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 5.85 GHz -20.73 dBm
M2 1 5.855 GHz -20.94 dBm
M3 1 5.875 GHz -27.48 dBm
M4 1 5.925 GHz -34.59 dBm
Date: 8.APR.2024 16:32:49

8. Conducted Spurious Emission

8.1.Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	30~1000	975.74	-47.7	≤-27	PASS
			1000~40000	38957.4	-35.32	≤-27	PASS
	Ant2	5180	30~1000	959.05	-47.25	≤-27	PASS
			1000~40000	39069.2	-36.33	≤-27	PASS
	Ant1	5200	30~1000	707.25	-47.36	≤-27	PASS
			1000~40000	39663.3	-36.44	≤-27	PASS
	Ant2	5200	30~1000	708.74	-47.64	≤-27	PASS
			1000~40000	39619.1	-35.95	≤-27	PASS
	Ant1	5240	30~1000	891.38	-47.09	≤-27	PASS
			1000~40000	38960	-35.35	≤-27	PASS
	Ant2	5240	30~1000	994.84	-47.18	≤-27	PASS
			1000~40000	6907.2	-35.54	≤-27	PASS
	Ant1	5745	30~1000	44.82	-47.85	≤-27	PASS
			1000~40000	39412.4	-35.41	≤-27	PASS
	Ant2	5745	30~1000	891.38	-46.88	≤-27	PASS
			1000~40000	39750.4	-36.3	≤-27	PASS
	Ant1	5785	30~1000	834.54	-46.84	≤-27	PASS
			1000~40000	39190.1	-35.97	≤-27	PASS
	Ant2	5785	30~1000	960.22	-47.72	≤-27	PASS
			1000~40000	39645.1	-35.8	≤-27	PASS
	Ant1	5825	30~1000	229.73	-47.37	≤-27	PASS
			1000~40000	5906.2	-33.59	≤-27	PASS
	Ant2	5825	30~1000	862.93	-47.3	≤-27	PASS
			1000~40000	39558	-36.64	≤-27	PASS
11N20MIMO	Ant1	5180	30~1000	960.86	-46.5	≤-27	PASS
			1000~40000	39428	-35.78	≤-27	PASS
	Ant2	5180	30~1000	860.47	-47.68	≤-27	PASS
			1000~40000	39346.1	-35.25	≤-27	PASS
	Ant1	5200	30~1000	888.76	-47.64	≤-27	PASS
			1000~40000	38590.8	-36.19	≤-27	PASS
	Ant2	5200	30~1000	889.63	-48.09	≤-27	PASS
			1000~40000	39988.3	-35.74	≤-27	PASS
	Ant1	5240	30~1000	889.89	-47.68	≤-27	PASS
			1000~40000	6987.8	-35.53	≤-27	PASS
	Ant2	5240	30~1000	888.37	-46.78	≤-27	PASS
			1000~40000	6974.8	-35.77	≤-27	PASS
	Ant1	5745	30~1000	888.96	-46.83	≤-27	PASS
			1000~40000	5826.9	-36.07	≤-27	PASS
	Ant2	5745	30~1000	964.58	-45.88	≤-27	PASS

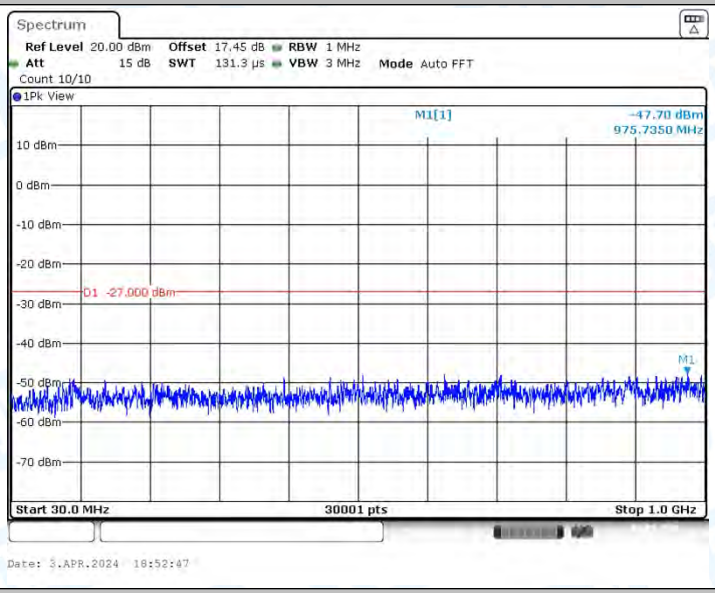
			1000~40000	5838.6	-35.94	≤-27	PASS
	Ant1	5785	30~1000	862.64	-47.34	≤-27	PASS
			1000~40000	5871.1	-32.3	≤-27	PASS
	Ant2	5785	30~1000	958.83	-46.38	≤-27	PASS
			1000~40000	6917.6	-36.13	≤-27	PASS
	Ant1	5825	30~1000	510.8	-47.76	≤-27	PASS
			1000~40000	39442.3	-35.67	≤-27	PASS
	Ant2	5825	30~1000	716.46	-47.41	≤-27	PASS
			1000~40000	6909.8	-36.57	≤-27	PASS
11N40MIMO	Ant1	5190	30~1000	853.52	-47.53	≤-27	PASS
			1000~40000	6964.4	-36.29	≤-27	PASS
	Ant2	5190	30~1000	962.74	-47.23	≤-27	PASS
			1000~40000	38963.9	-36.26	≤-27	PASS
	Ant1	5230	30~1000	861.38	-48.28	≤-27	PASS
			1000~40000	39940.2	-35.74	≤-27	PASS
	Ant2	5230	30~1000	889.96	-46.76	≤-27	PASS
			1000~40000	39343.5	-36.18	≤-27	PASS
	Ant1	5755	30~1000	714.56	-47.82	≤-27	PASS
			1000~40000	5907.5	-33.54	≤-27	PASS
	Ant2	5755	30~1000	484.16	-47.06	≤-27	PASS
			1000~40000	5902.3	-32.25	≤-27	PASS
	Ant1	5795	30~1000	800.95	-47.13	≤-27	PASS
			1000~40000	39976.6	-35.82	≤-27	PASS
	Ant2	5795	30~1000	865.74	-47.02	≤-27	PASS
			1000~40000	39967.5	-35.39	≤-27	PASS
11AC20MIMO	Ant1	5180	30~1000	959.44	-46.84	≤-27	PASS
			1000~40000	38926.2	-36.4	≤-27	PASS
	Ant2	5180	30~1000	892.93	-47.69	≤-27	PASS
			1000~40000	6161	-35.66	≤-27	PASS
	Ant1	5200	30~1000	962.45	-46.38	≤-27	PASS
			1000~40000	39750.4	-36.44	≤-27	PASS
	Ant2	5200	30~1000	706.12	-48.07	≤-27	PASS
			1000~40000	38923.6	-34.69	≤-27	PASS
	Ant1	5240	30~1000	860.21	-47.53	≤-27	PASS
			1000~40000	39576.2	-36.21	≤-27	PASS
	Ant2	5240	30~1000	861.93	-45.99	≤-27	PASS
			1000~40000	39981.8	-36.1	≤-27	PASS
	Ant1	5745	30~1000	743.07	-47.22	≤-27	PASS
			1000~40000	6907.2	-36.08	≤-27	PASS
	Ant2	5745	30~1000	958.95	-47.78	≤-27	PASS
			1000~40000	39343.5	-35.87	≤-27	PASS
	Ant1	5785	30~1000	772.49	-47.85	≤-27	PASS
			1000~40000	6996.9	-36.73	≤-27	PASS
	Ant2	5785	30~1000	894.35	-45.97	≤-27	PASS
			1000~40000	6933.2	-35.44	≤-27	PASS

	Ant1	5825	30~1000	708.83	-46.3	≤-27	PASS
			1000~40000	39647.7	-35.53	≤-27	PASS
	Ant2	5825	30~1000	865.55	-47	≤-27	PASS
			1000~40000	39045.8	-36.04	≤-27	PASS
11AC40MIMO	Ant1	5190	30~1000	711.94	-47.5	≤-27	PASS
			1000~40000	6916.3	-36.02	≤-27	PASS
	Ant2	5190	30~1000	958.47	-47.49	≤-27	PASS
			1000~40000	39396.8	-36.16	≤-27	PASS
	Ant1	5230	30~1000	892.74	-46.9	≤-27	PASS
			1000~40000	6972.2	-36.48	≤-27	PASS
	Ant2	5230	30~1000	778.77	-47.42	≤-27	PASS
			1000~40000	39256.4	-35.72	≤-27	PASS
	Ant1	5755	30~1000	860.11	-46.06	≤-27	PASS
			1000~40000	39669.8	-35.4	≤-27	PASS
	Ant2	5755	30~1000	961.54	-47.79	≤-27	PASS
			1000~40000	39333.1	-36.51	≤-27	PASS
	Ant1	5795	30~1000	515.19	-47.38	≤-27	PASS
			1000~40000	39582.7	-35.59	≤-27	PASS
	Ant2	5795	30~1000	932.38	-47.43	≤-27	PASS
			1000~40000	39369.5	-36.44	≤-27	PASS
11AC80MIMO	Ant1	5210	30~1000	707.99	-47.64	≤-27	PASS
			1000~40000	6902	-36.36	≤-27	PASS
	Ant2	5210	30~1000	861.63	-47.93	≤-27	PASS
			1000~40000	39262.9	-36	≤-27	PASS
	Ant1	5775	30~1000	892.12	-46.73	≤-27	PASS
			1000~40000	39316.2	-36.2	≤-27	PASS
	Ant2	5775	30~1000	621.11	-47.54	≤-27	PASS
			1000~40000	39350	-35.99	≤-27	PASS
11AX20MIMO	Ant1	5180	30~1000	889.86	-47.29	≤-27	PASS
			1000~40000	39886.9	-35.58	≤-27	PASS
	Ant2	5180	30~1000	865.06	-46.56	≤-27	PASS
			1000~40000	39574.9	-36.22	≤-27	PASS
	Ant1	5200	30~1000	888.83	-47.21	≤-27	PASS
			1000~40000	39374.7	-35.86	≤-27	PASS
	Ant2	5200	30~1000	862.64	-47.52	≤-27	PASS
			1000~40000	1782.6	-33.99	≤-27	PASS
	Ant1	5240	30~1000	706.12	-47.51	≤-27	PASS
			1000~40000	1921.7	-33.11	≤-27	PASS
	Ant2	5240	30~1000	890.35	-46.8	≤-27	PASS
			1000~40000	39990.9	-35.9	≤-27	PASS
	Ant1	5745	30~1000	958.44	-47.13	≤-27	PASS
			1000~40000	39959.7	-36.44	≤-27	PASS
	Ant2	5745	30~1000	370.35	-47.59	≤-27	PASS
			1000~40000	39538.5	-36.27	≤-27	PASS
	Ant1	5785	30~1000	863.96	-45.33	≤-27	PASS

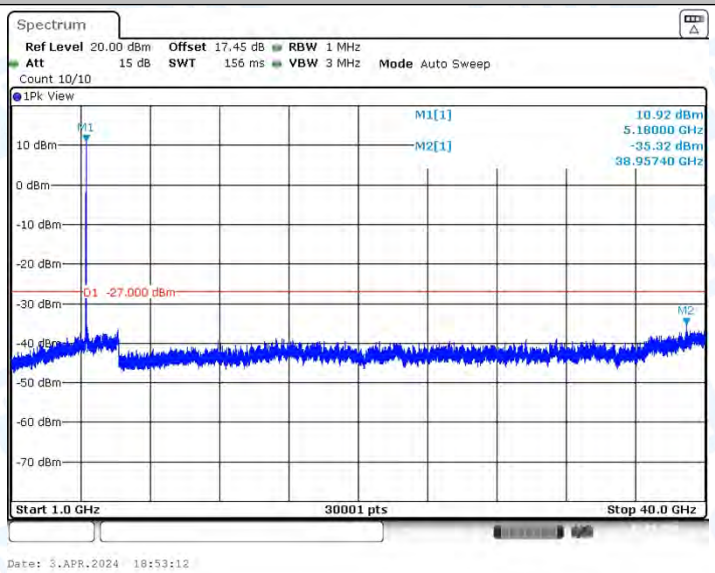
			1000~40000	39001.6	-36.26	≤-27	PASS
	Ant2	5785	30~1000	783.52	-46.01	≤-27	PASS
			1000~40000	6892.9	-36.4	≤-27	PASS
	Ant1	5825	30~1000	862.02	-47.76	≤-27	PASS
			1000~40000	39317.5	-35.77	≤-27	PASS
	Ant2	5825	30~1000	888.24	-47.19	≤-27	PASS
			1000~40000	39966.2	-34.38	≤-27	PASS
11AX40MIMO	Ant1	5190	30~1000	890.6	-46.3	≤-27	PASS
			1000~40000	39305.8	-36.21	≤-27	PASS
	Ant2	5190	30~1000	593.83	-48.23	≤-27	PASS
			1000~40000	6164.9	-35.85	≤-27	PASS
	Ant1	5230	30~1000	860.89	-46.65	≤-27	PASS
			1000~40000	39937.6	-35.53	≤-27	PASS
	Ant2	5230	30~1000	897.3	-47.29	≤-27	PASS
			1000~40000	39398.1	-35.79	≤-27	PASS
	Ant1	5755	30~1000	961.12	-47.4	≤-27	PASS
			1000~40000	39998.7	-35.39	≤-27	PASS
	Ant2	5755	30~1000	890.67	-48.05	≤-27	PASS
			1000~40000	39461.8	-35.98	≤-27	PASS
	Ant1	5795	30~1000	864.32	-47.06	≤-27	PASS
			1000~40000	39990.9	-35.67	≤-27	PASS
	Ant2	5795	30~1000	892.09	-47.21	≤-27	PASS
			1000~40000	39690.6	-36.06	≤-27	PASS
11AX80MIMO	Ant1	5210	30~1000	892.06	-47.58	≤-27	PASS
			1000~40000	6974.8	-36.16	≤-27	PASS
	Ant2	5210	30~1000	860.08	-46.53	≤-27	PASS
			1000~40000	38967.8	-36.13	≤-27	PASS
	Ant1	5775	30~1000	890.05	-46.76	≤-27	PASS
			1000~40000	39729.6	-35.65	≤-27	PASS
	Ant2	5775	30~1000	872.76	-47.27	≤-27	PASS
			1000~40000	39632.1	-35.35	≤-27	PASS

8.2.Test Graphs

11A-CDD_Ant1_5180_30~1000



11A-CDD_Ant1_5180_1000~40000



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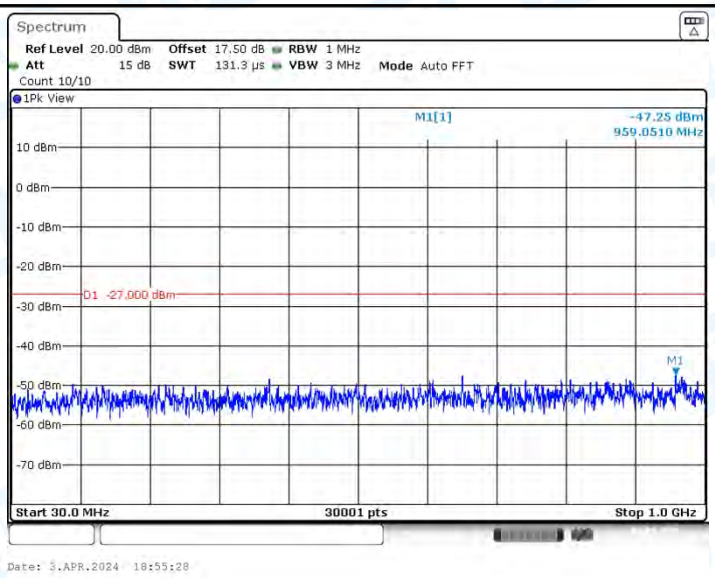

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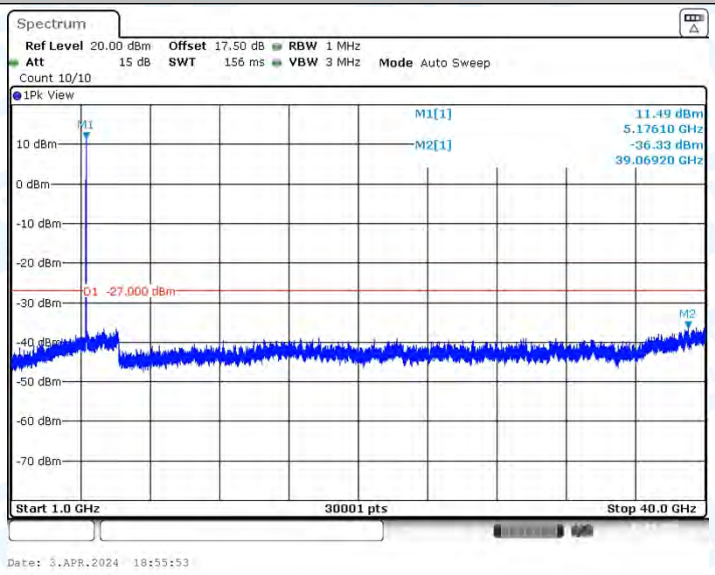

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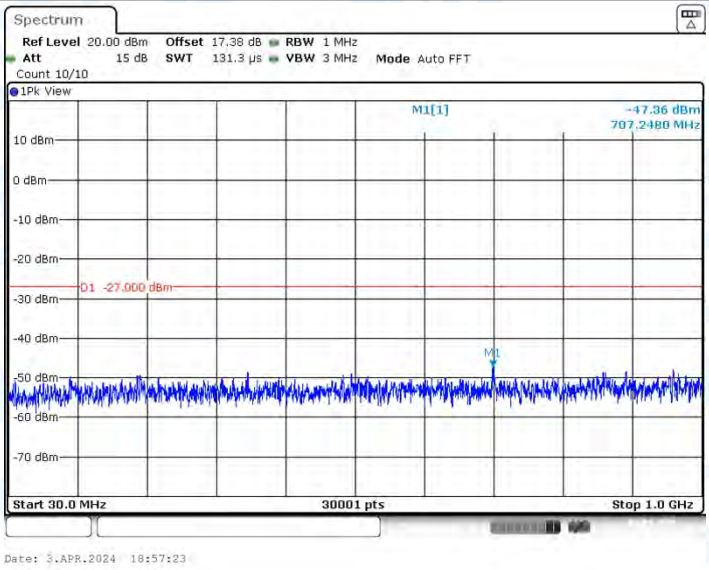

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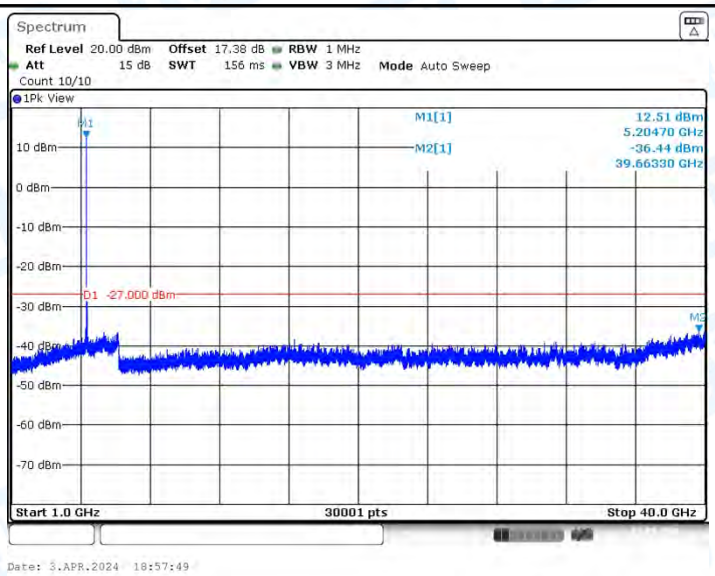

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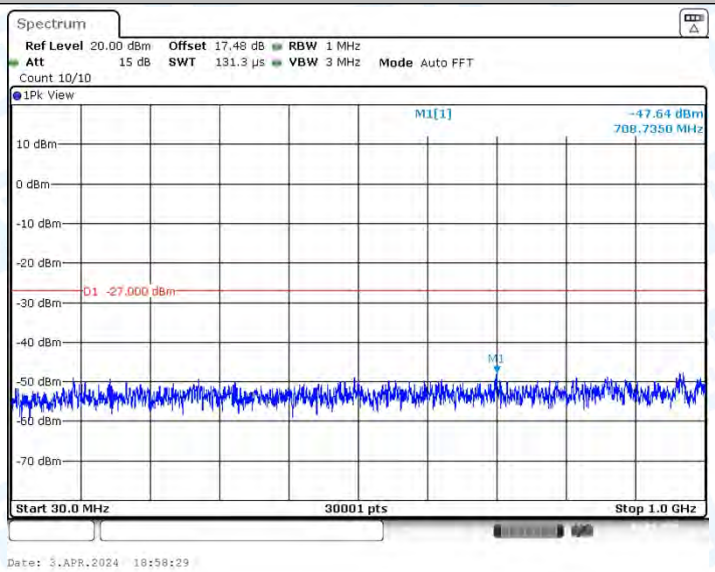

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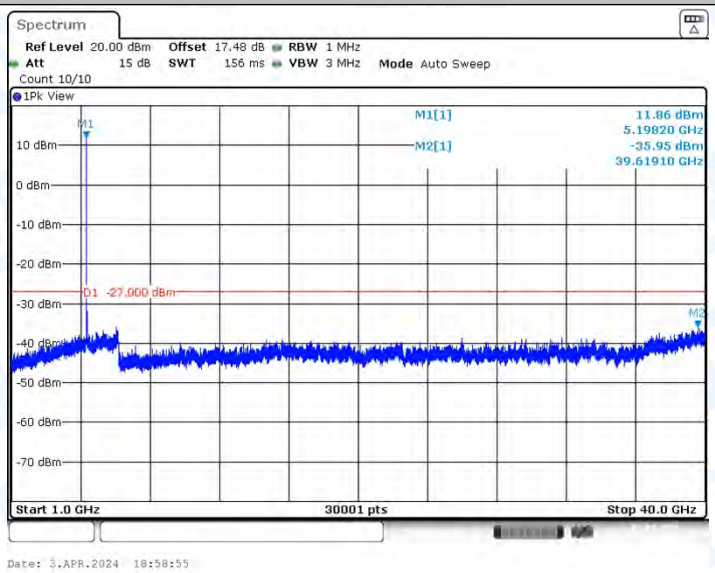

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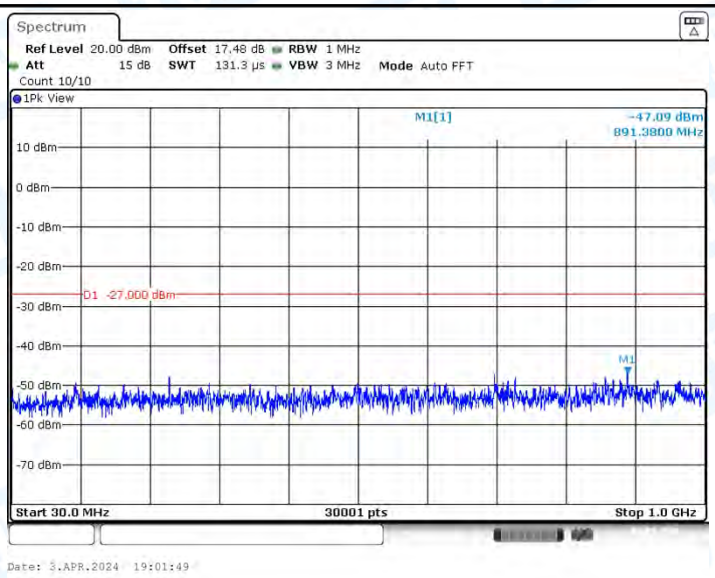

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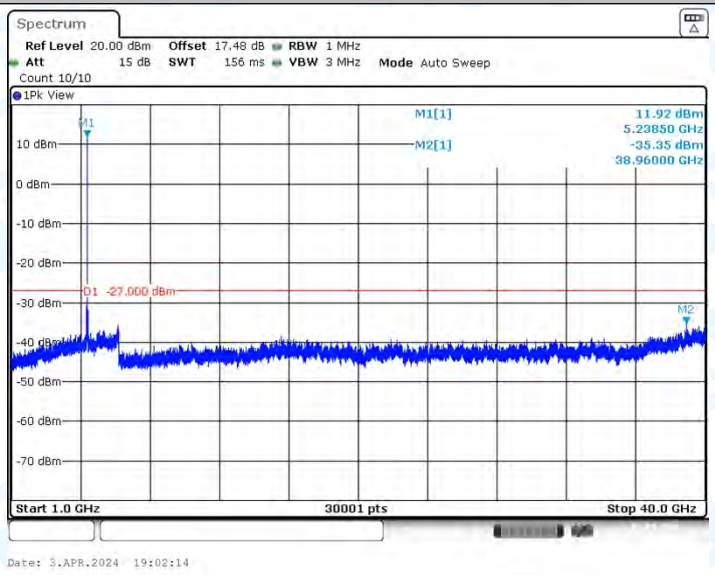

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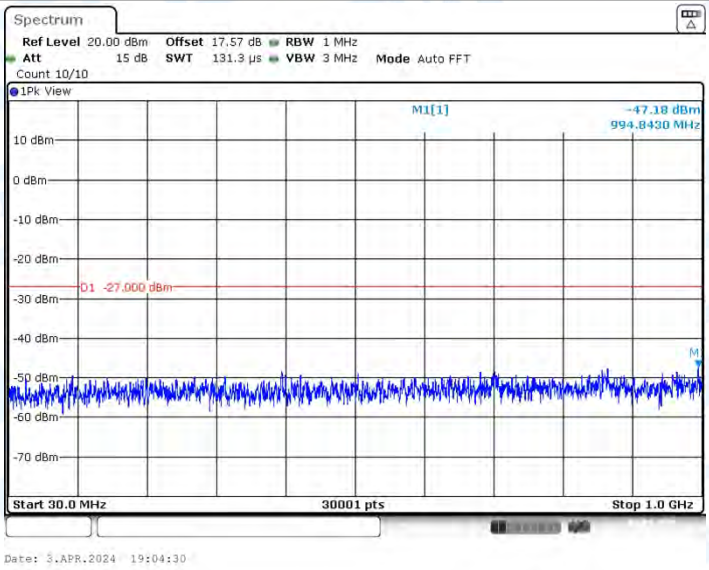

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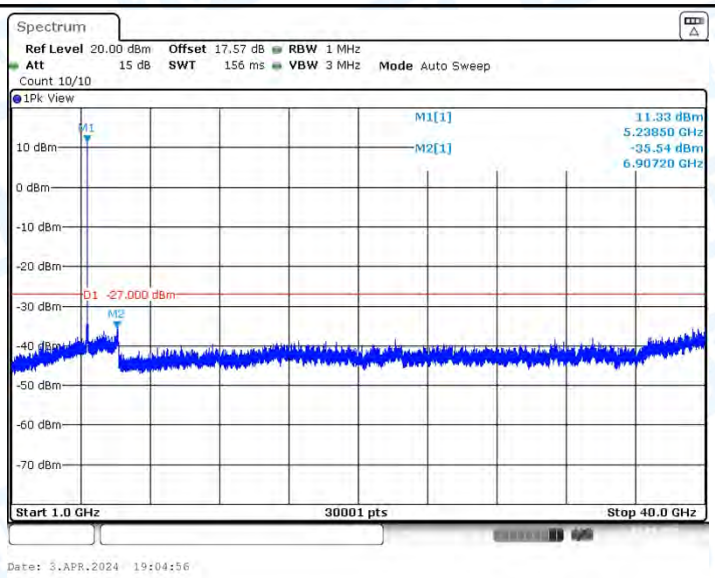

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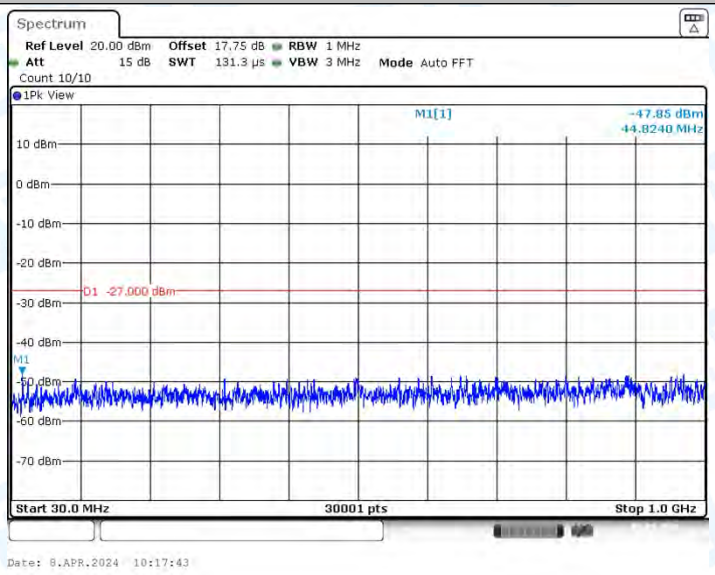

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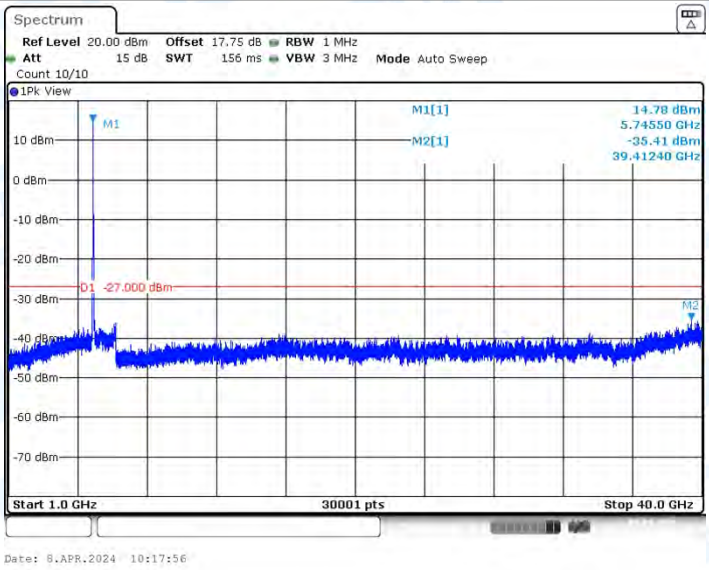

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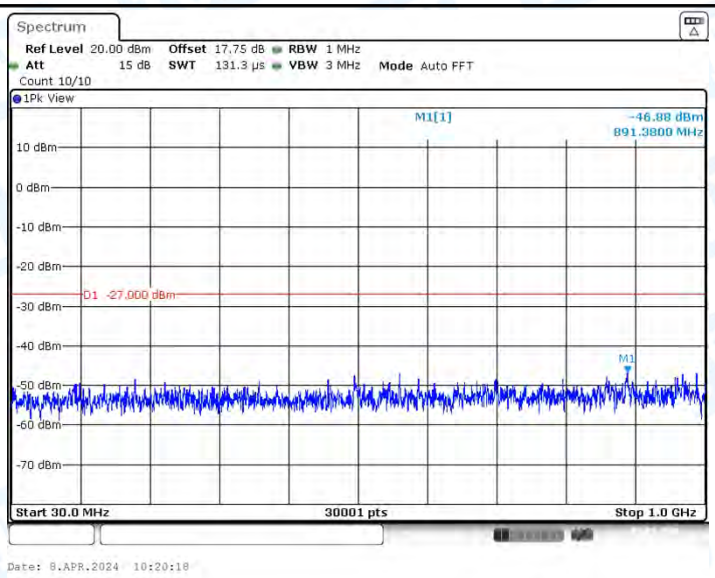

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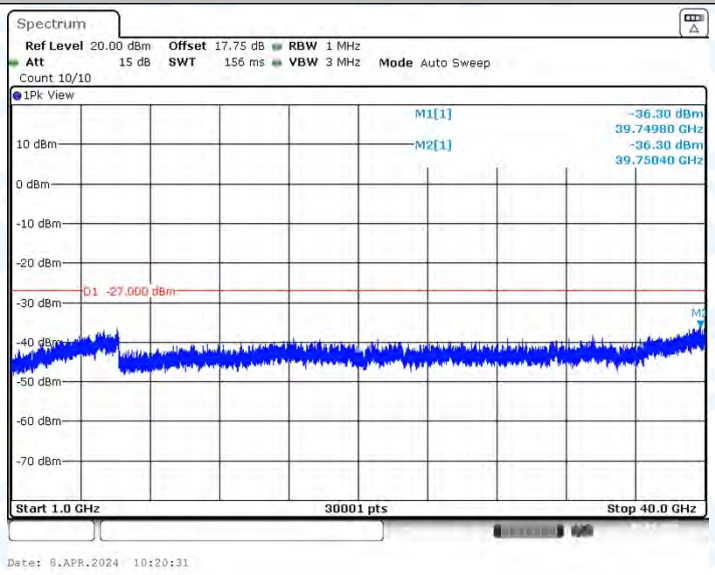

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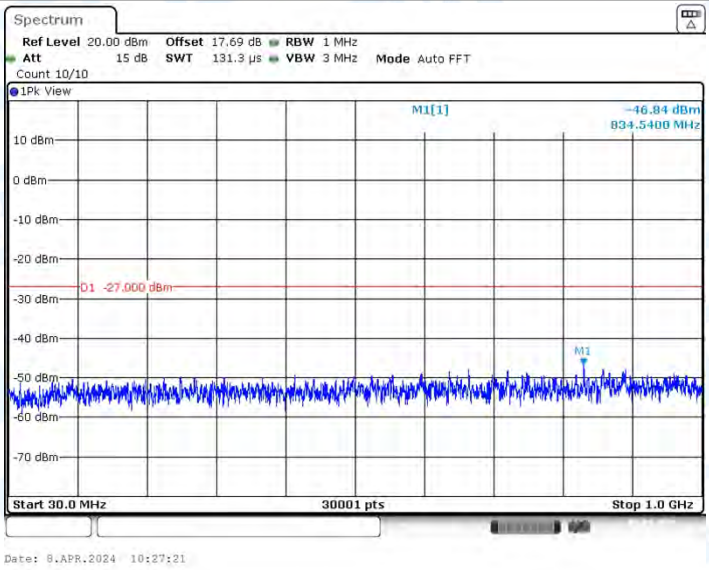

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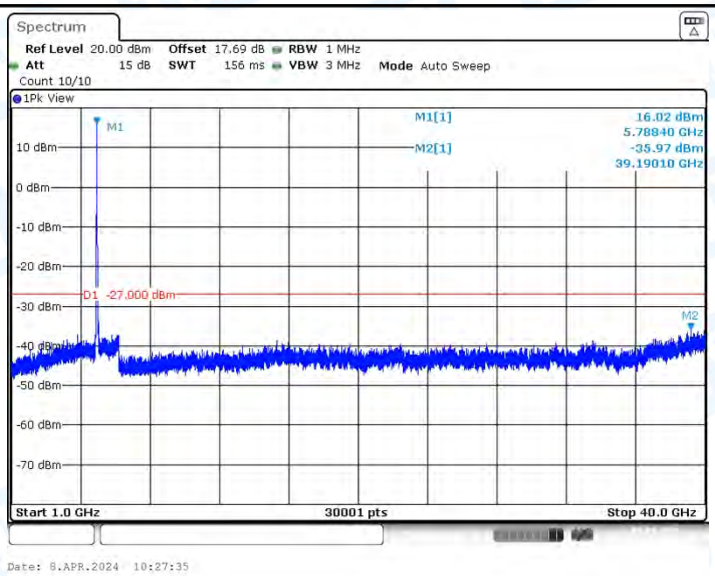

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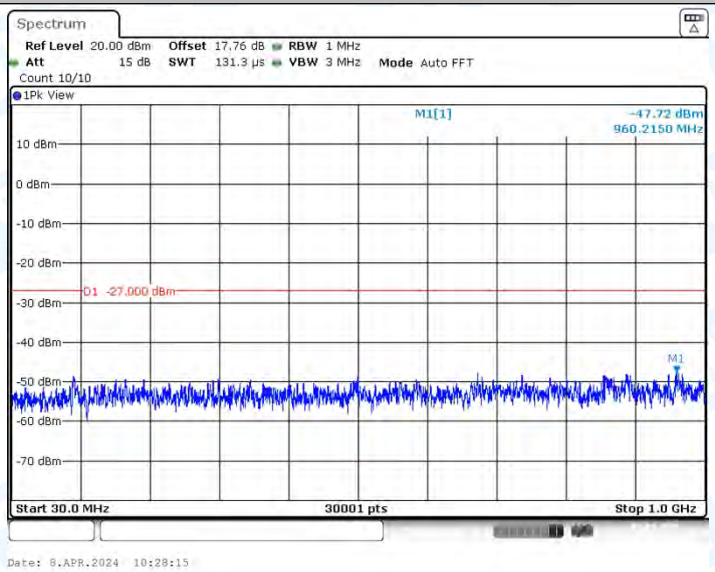

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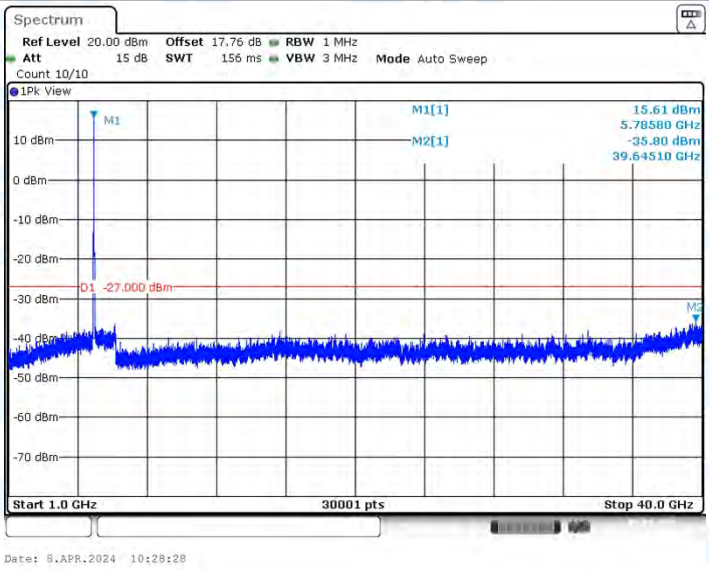

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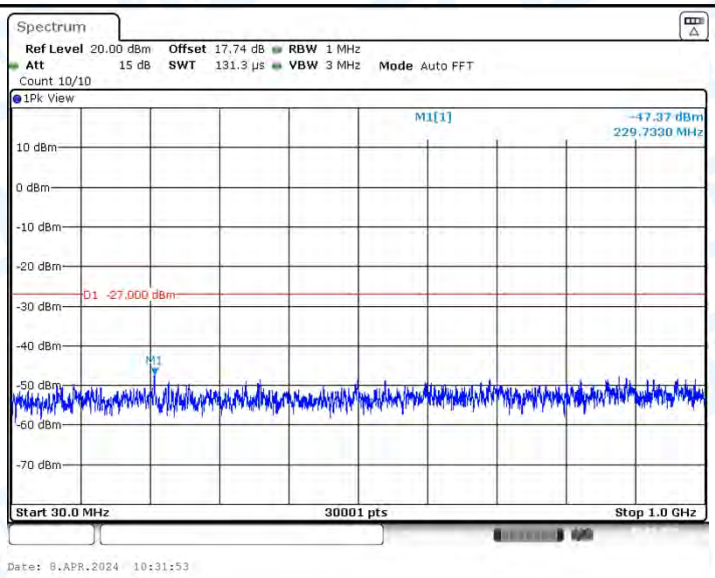

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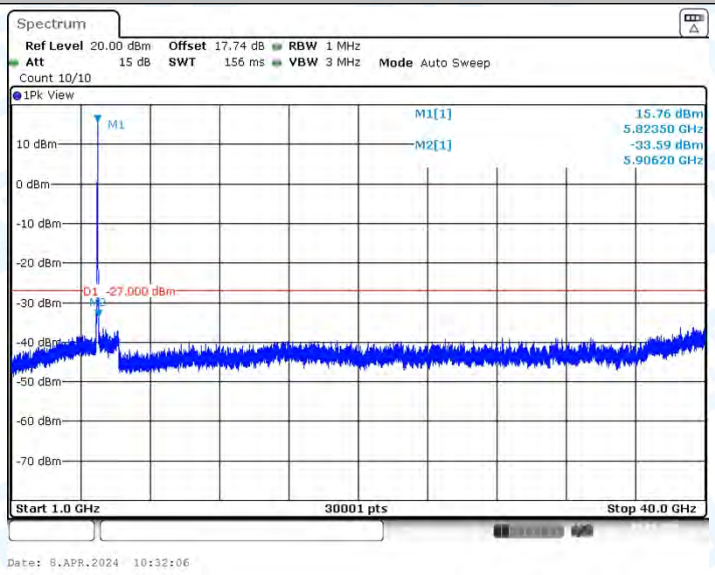

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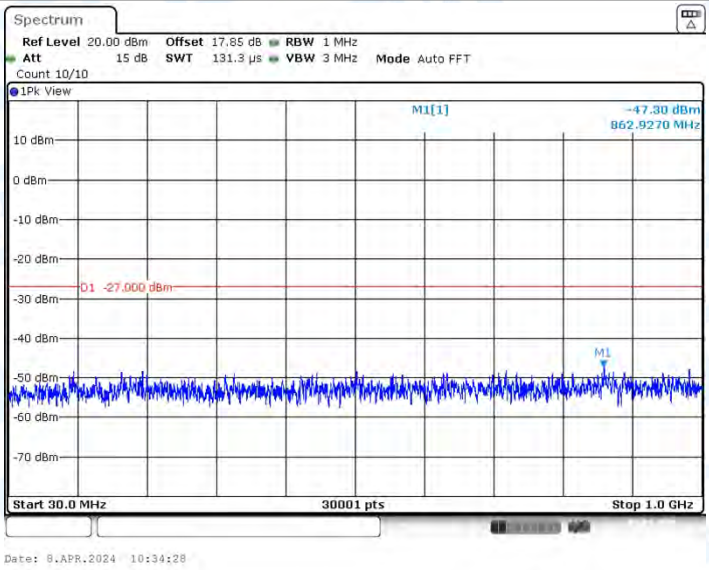

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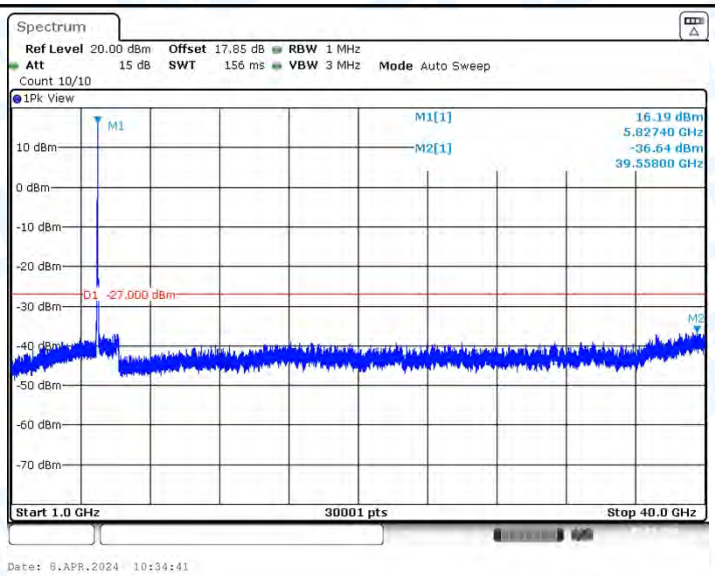

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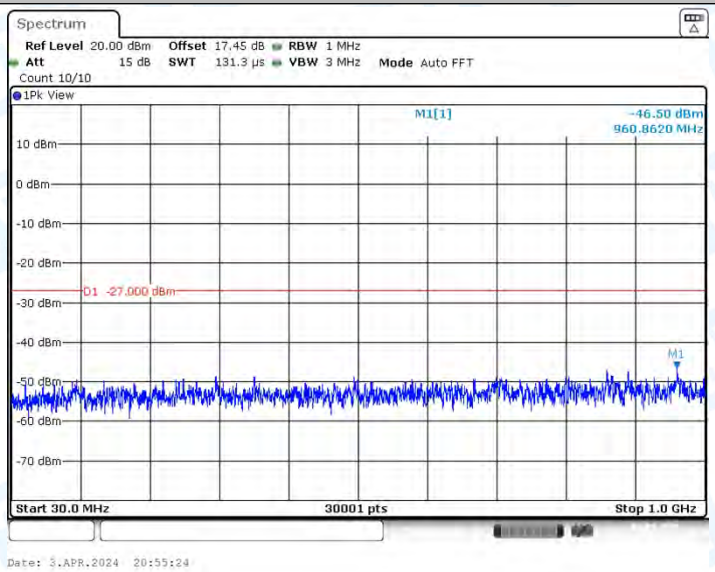

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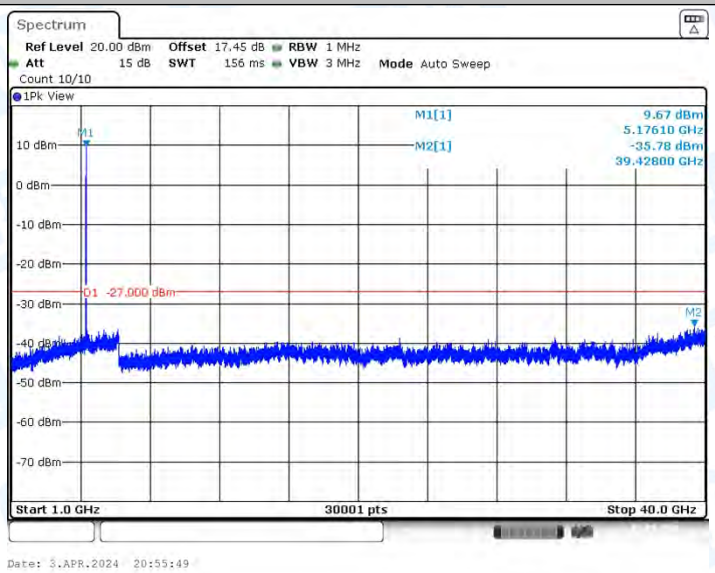

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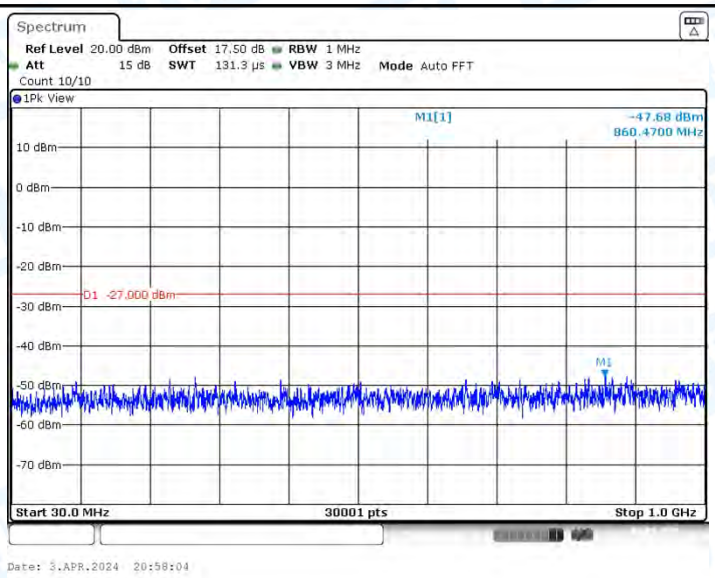

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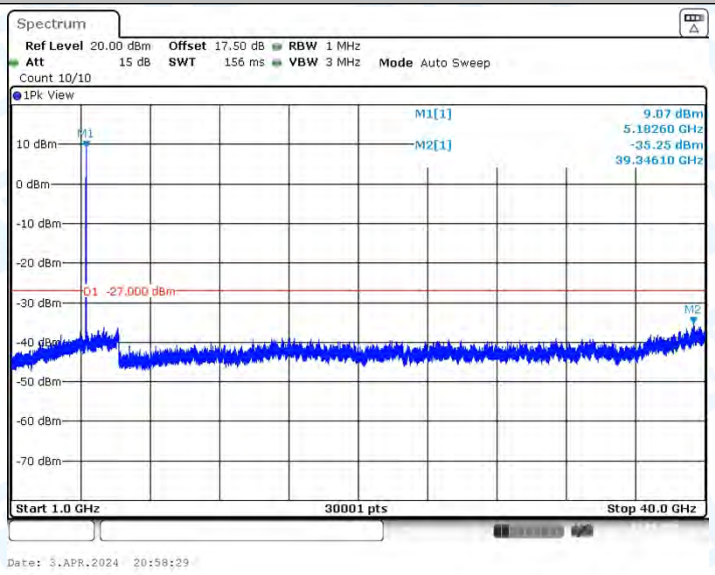

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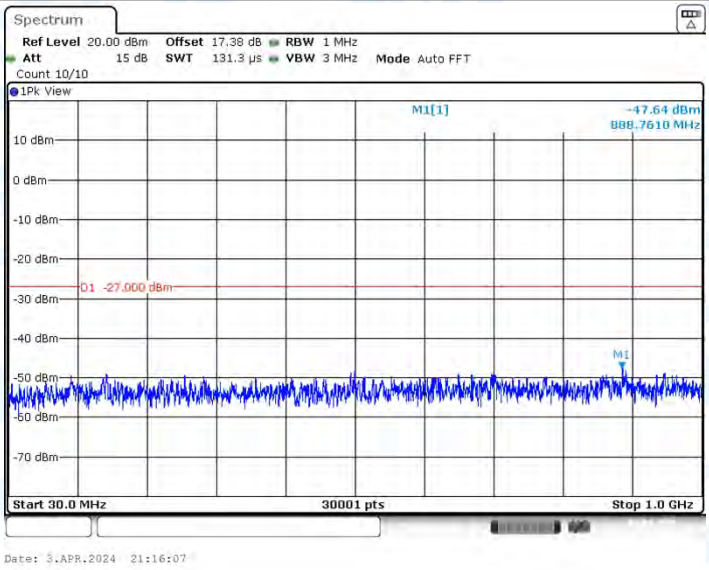

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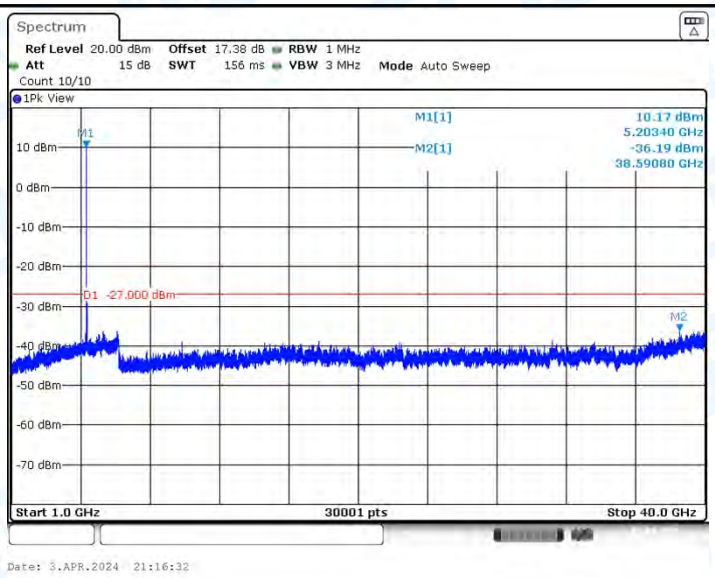

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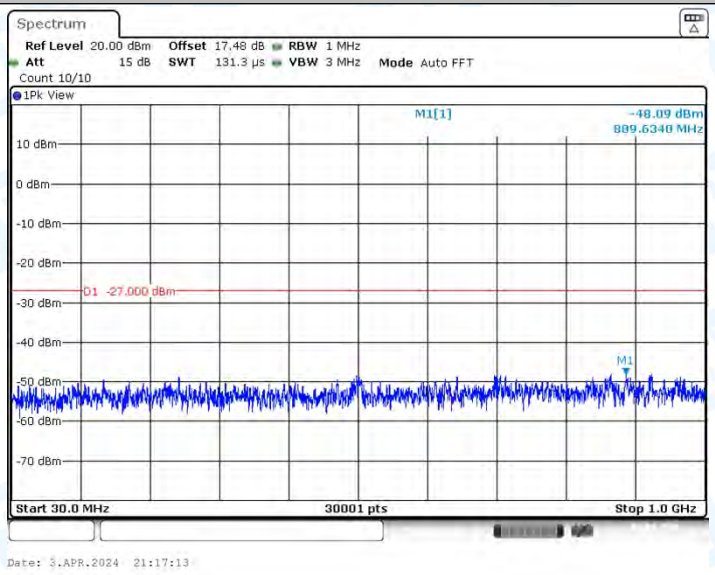

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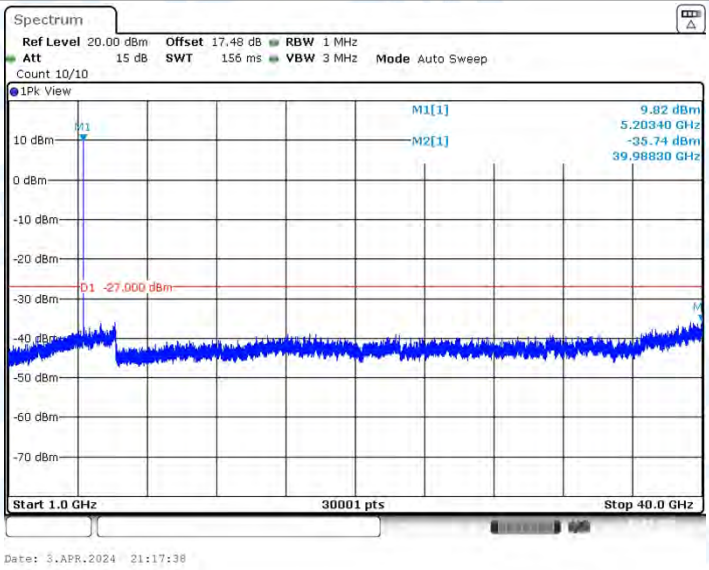

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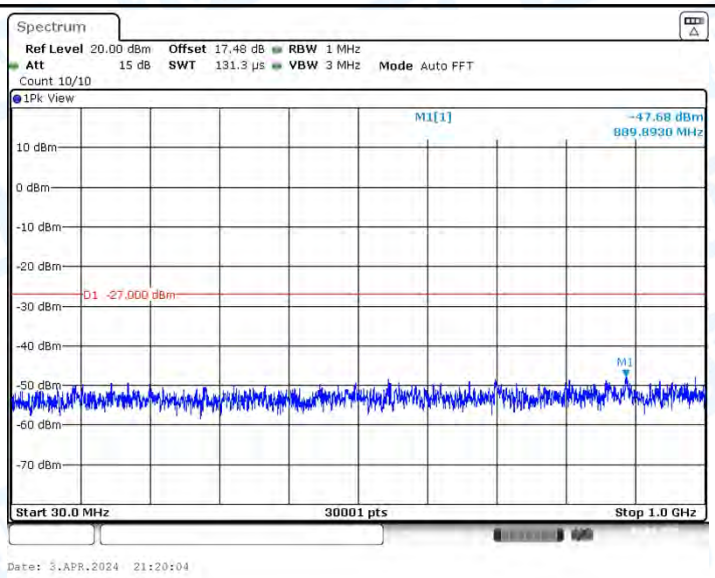

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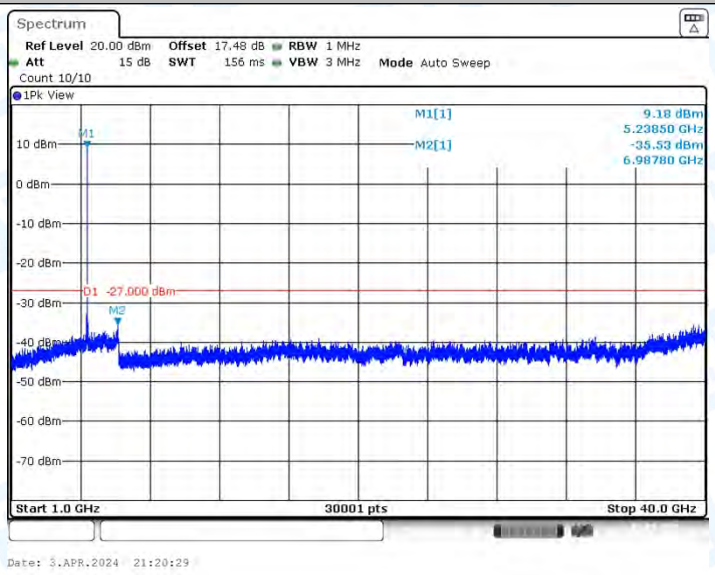

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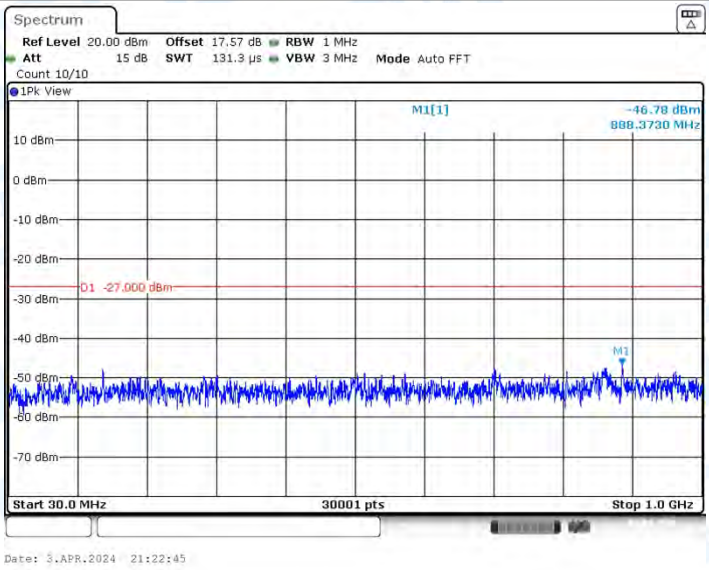

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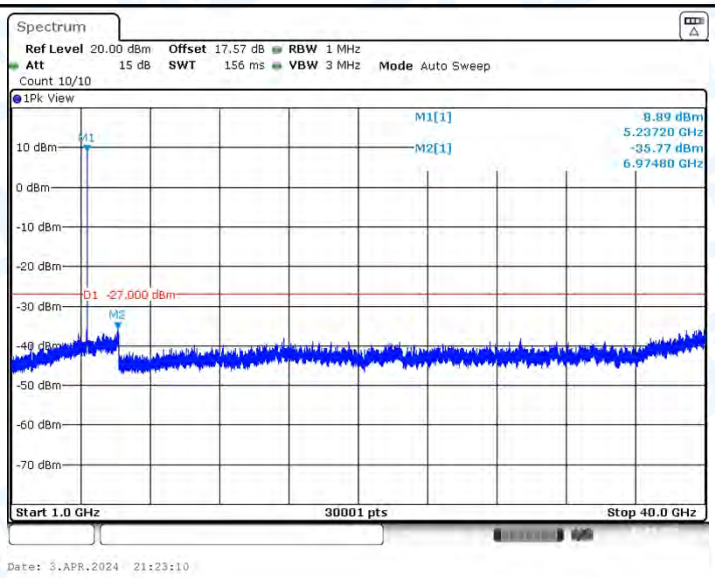

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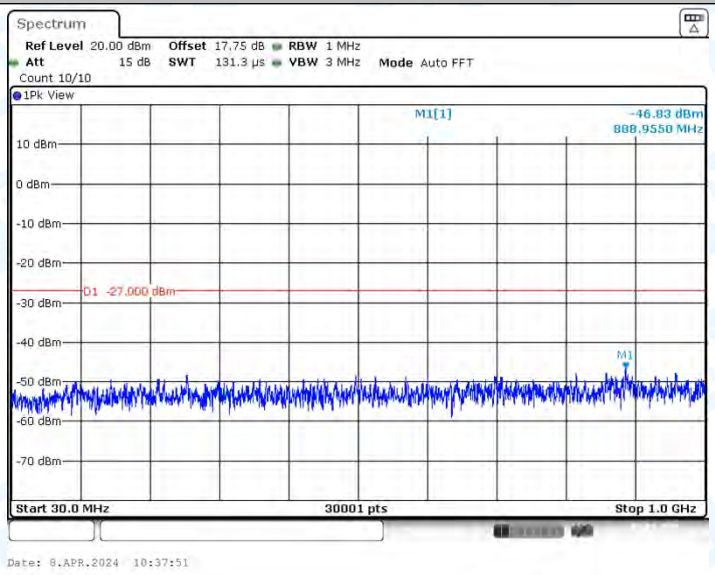

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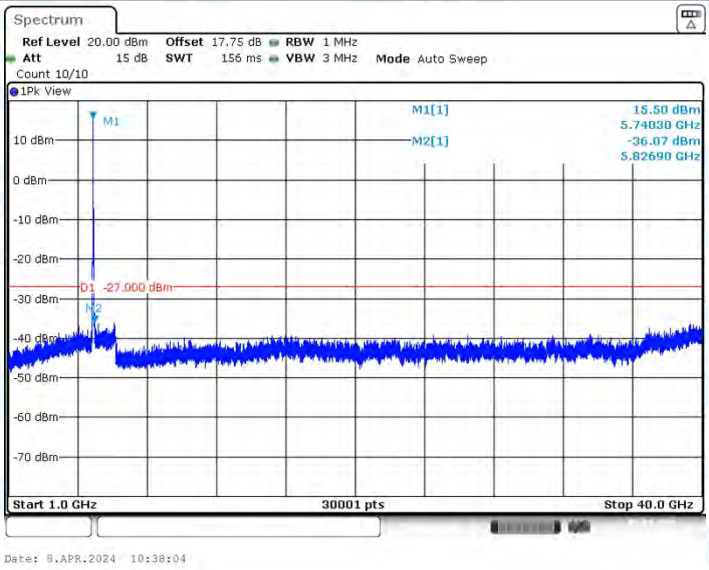

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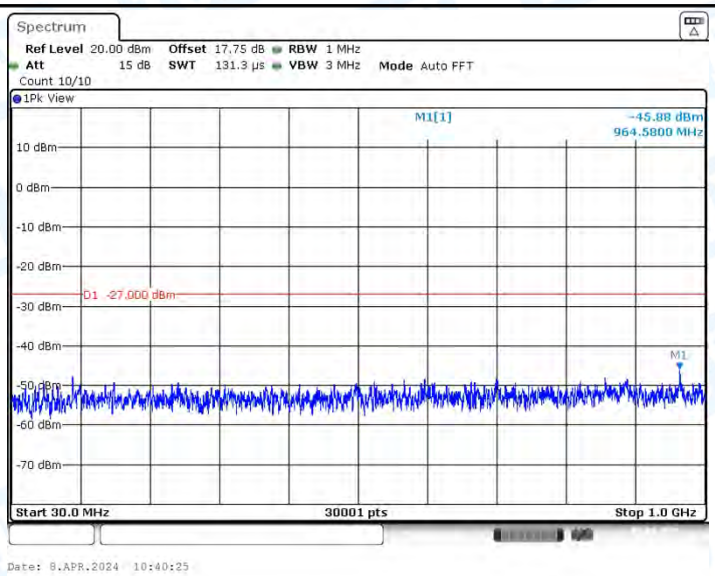

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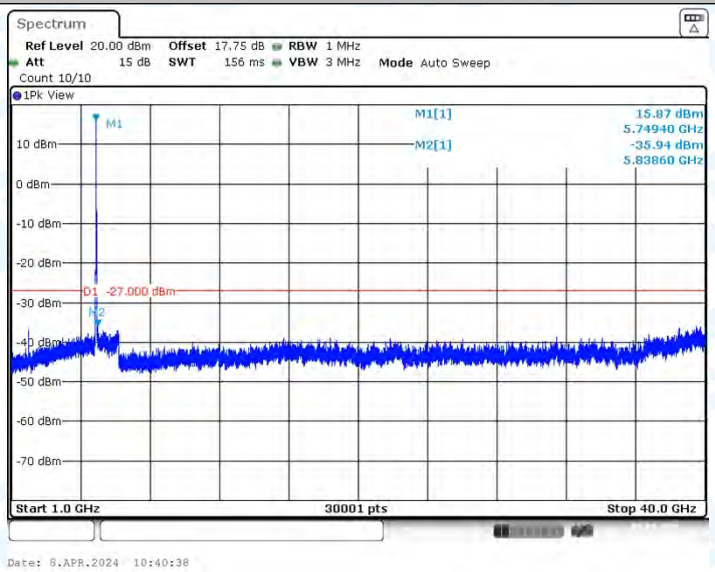

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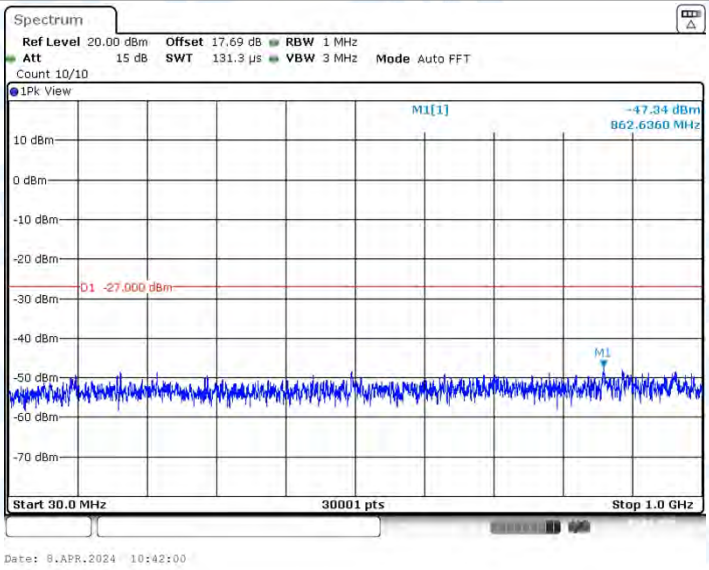

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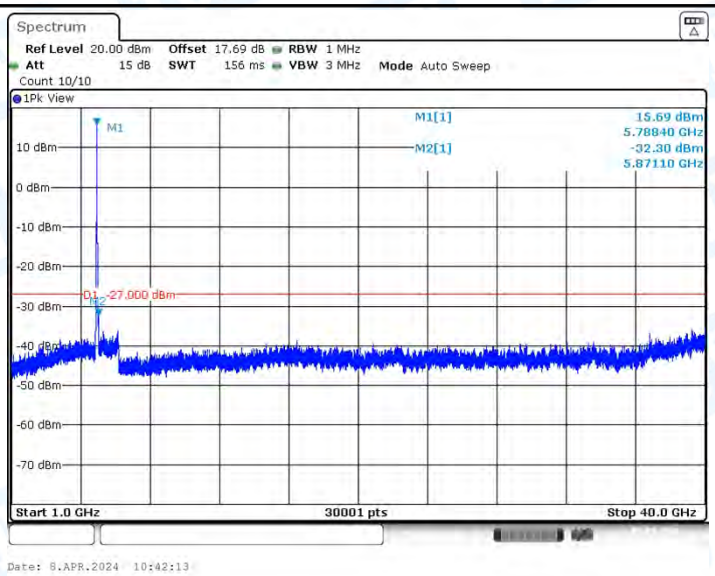

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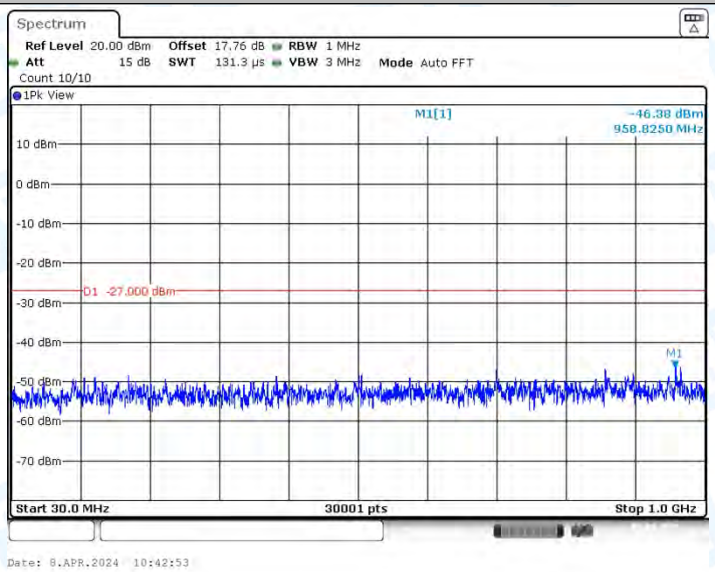

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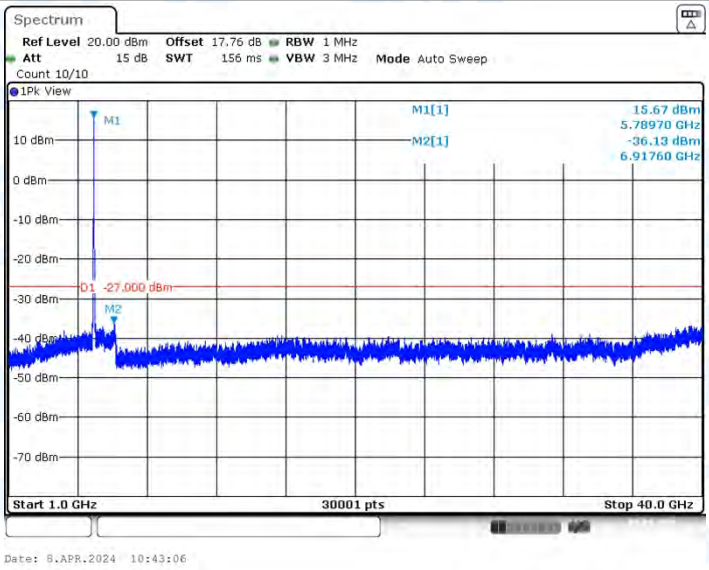

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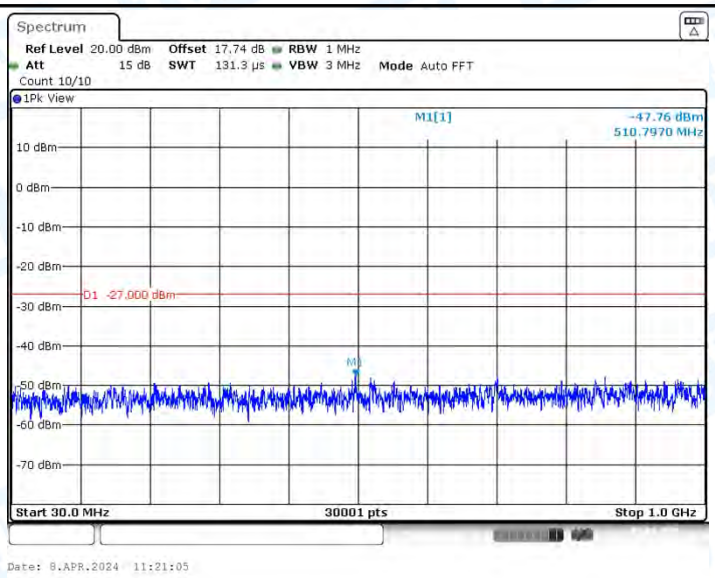

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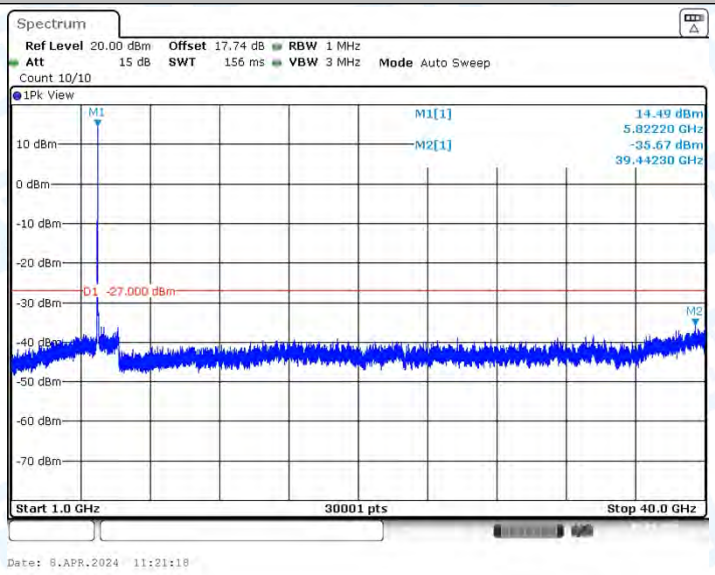
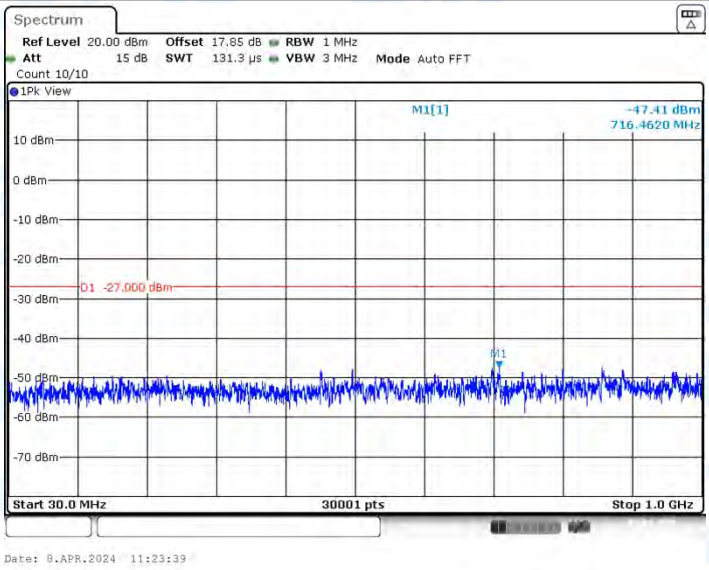


11N20MIMO_Ant2_5825_30~1000



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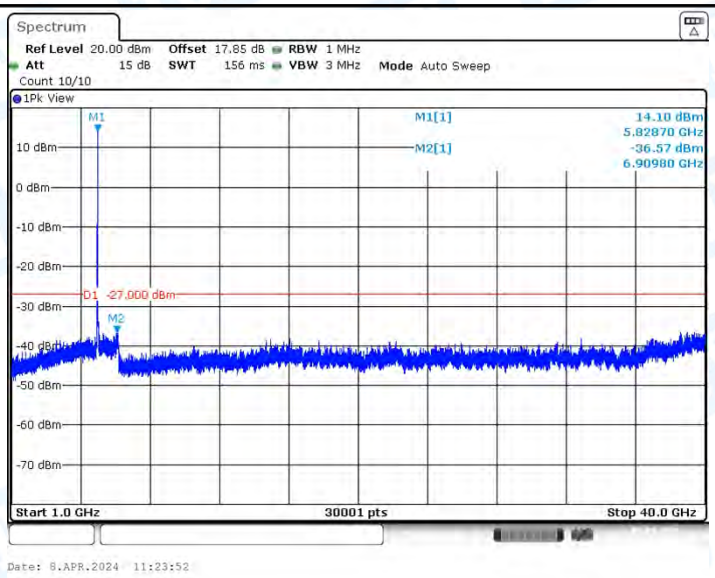

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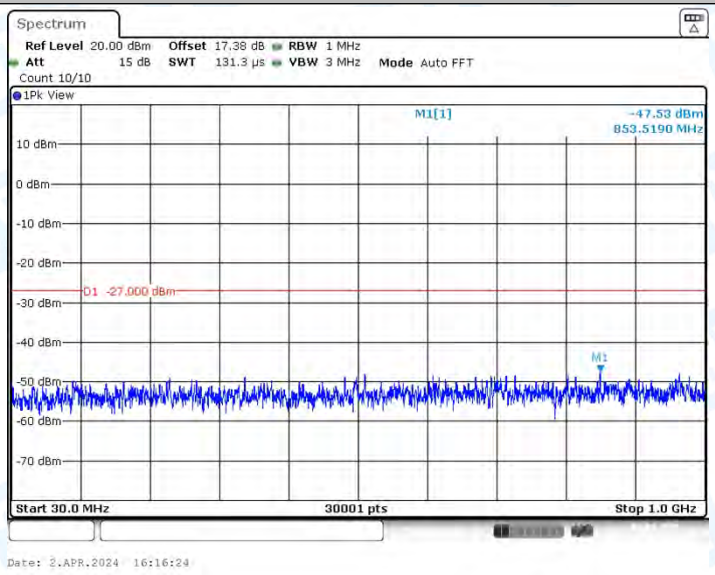

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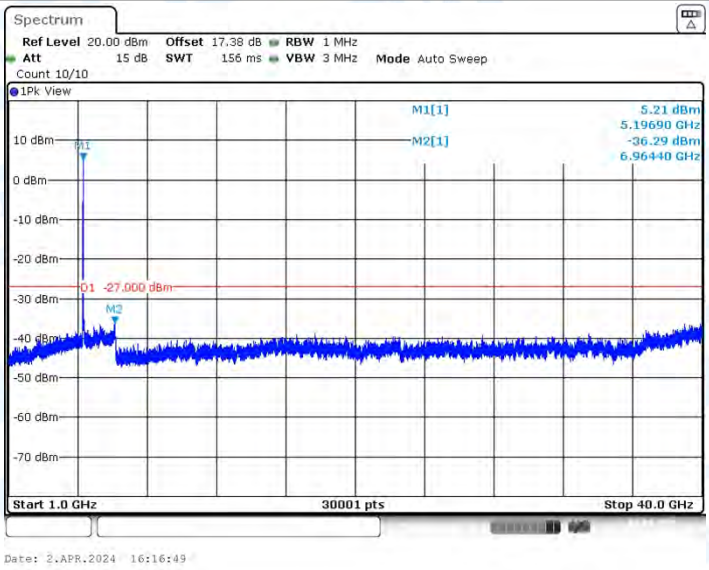

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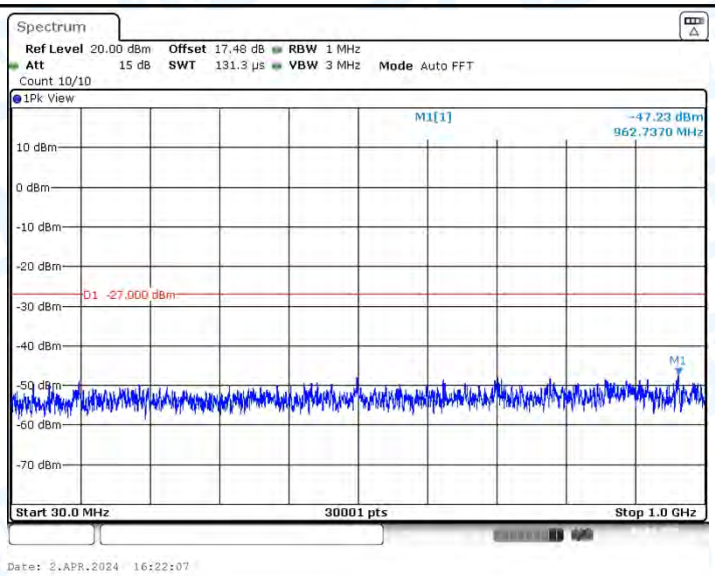
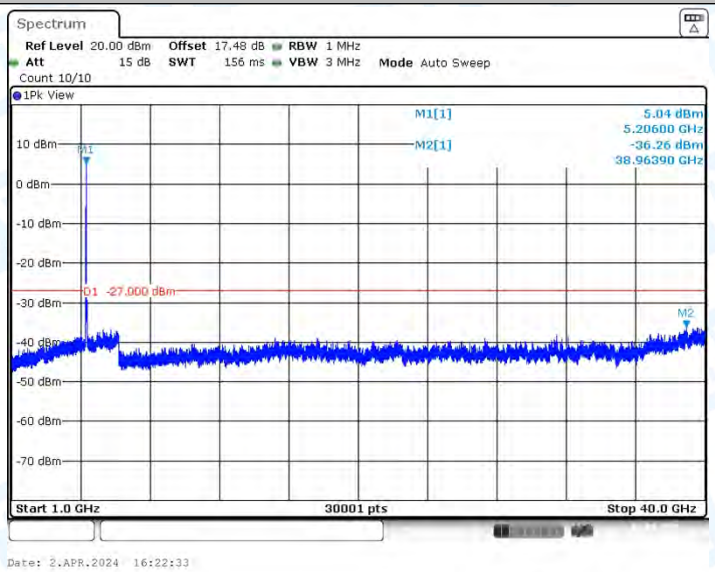
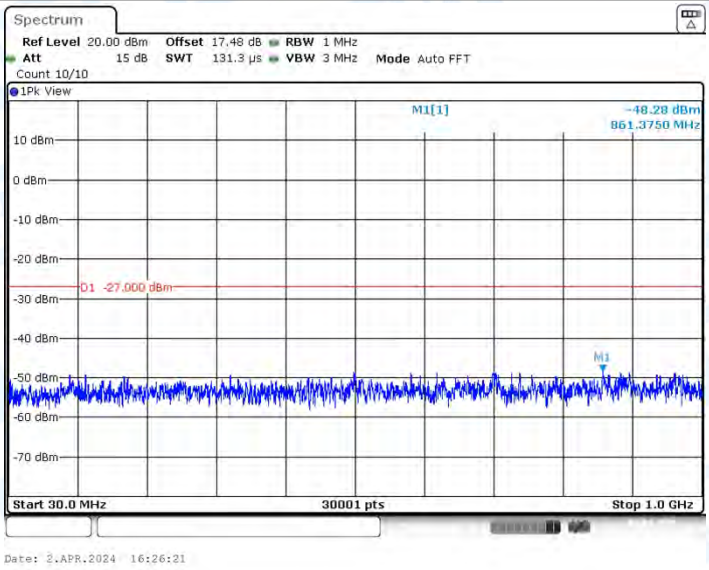


11N40MIMO_Ant2_5190_1000~40000



11N40MIMO_Ant1_5230_30~1000



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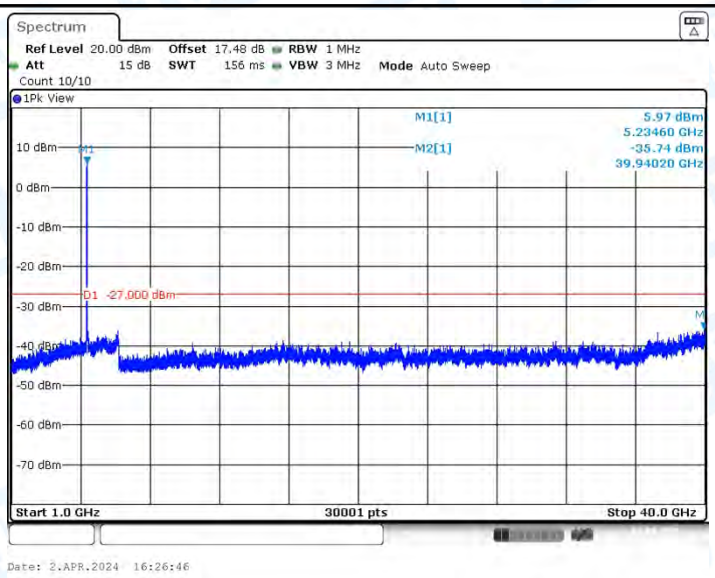

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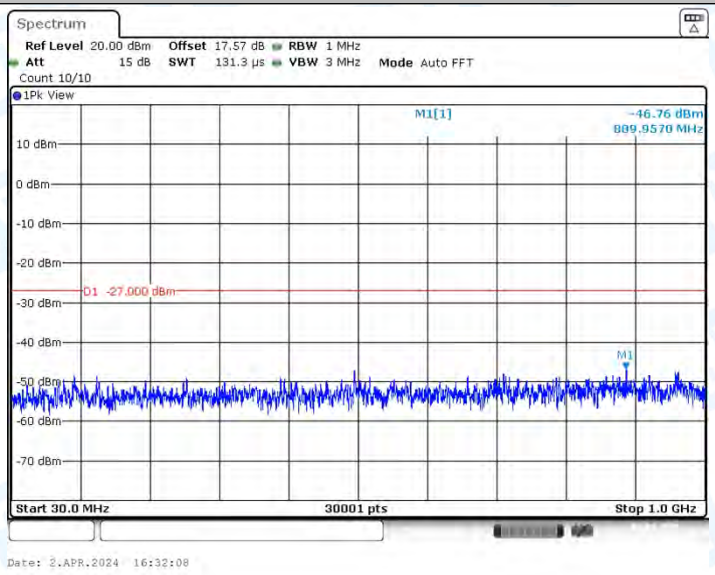

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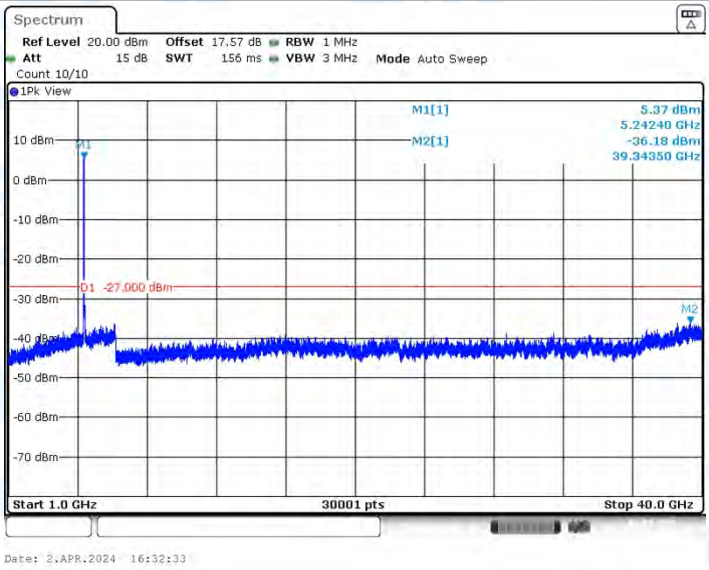

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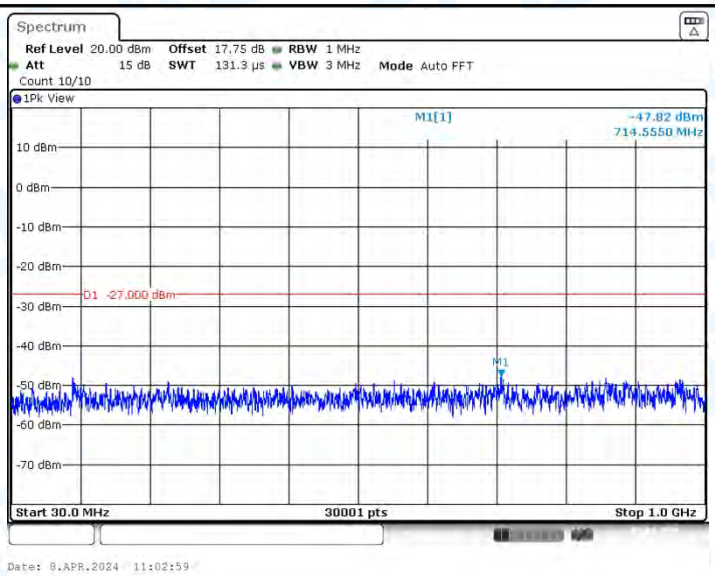

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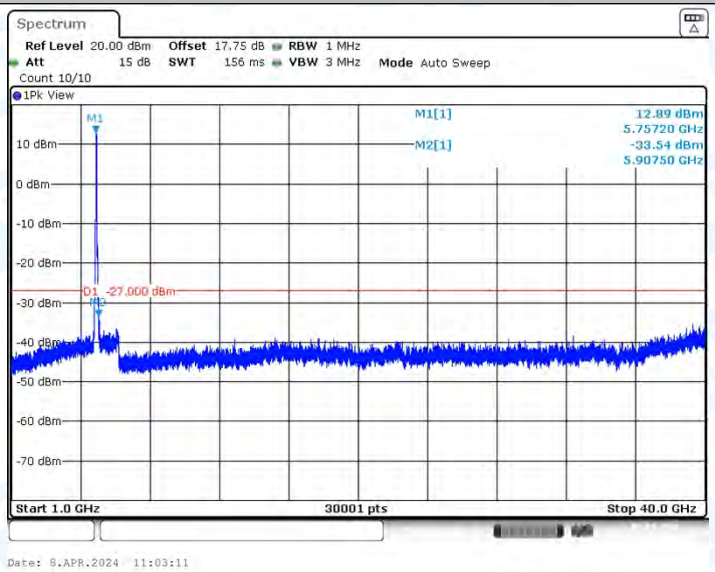

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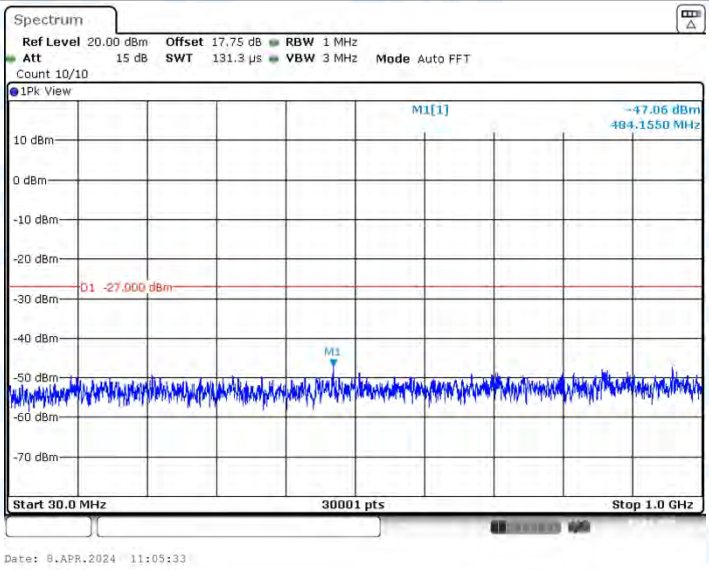

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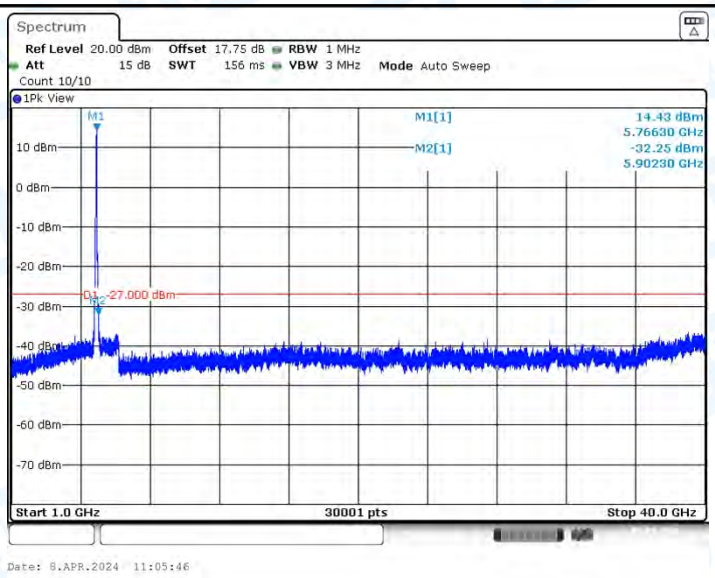

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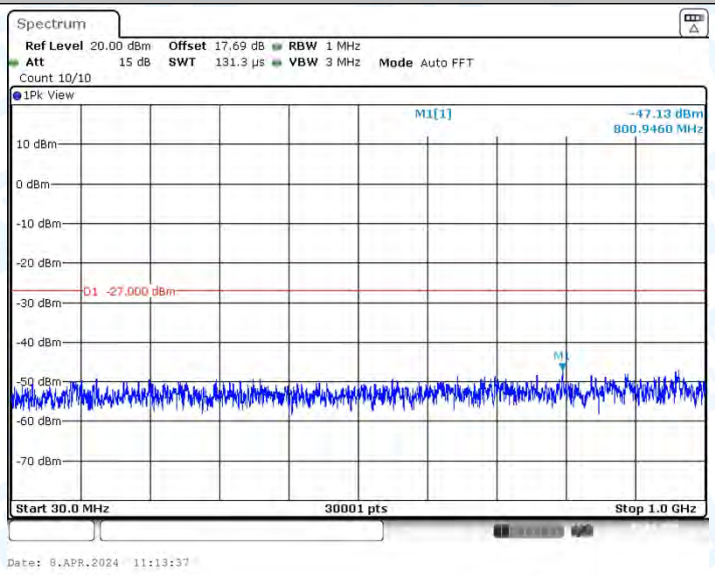

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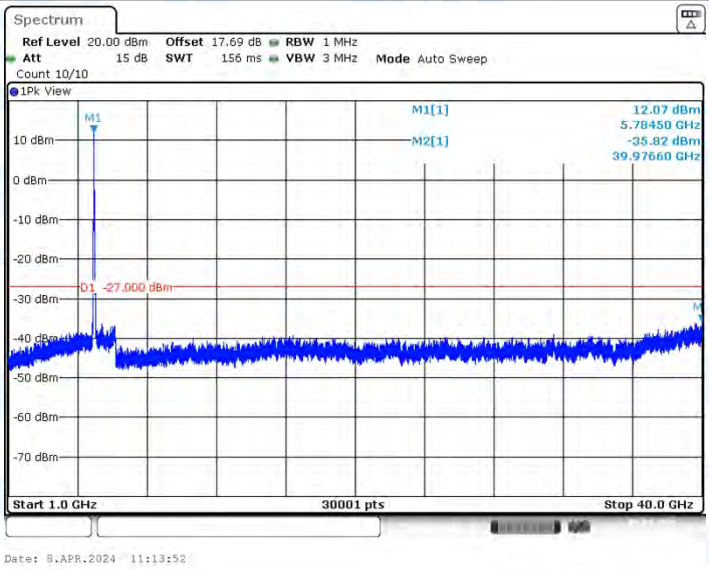
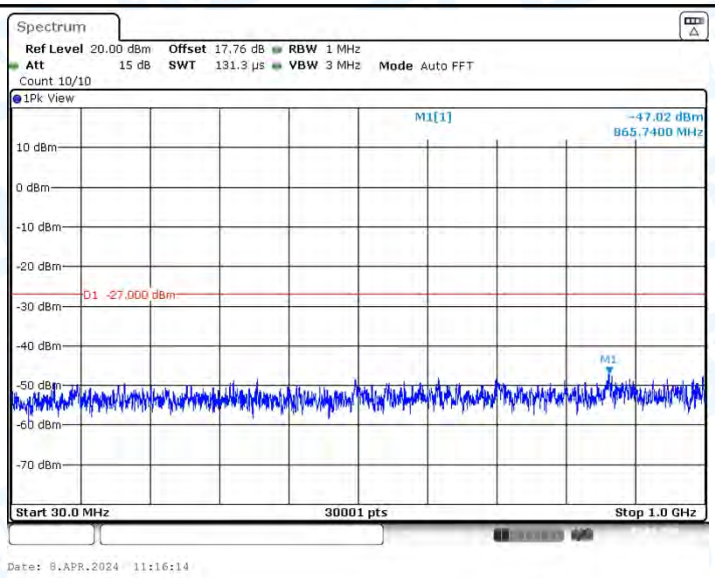


11N40MIMO_Ant2_5795_30~1000



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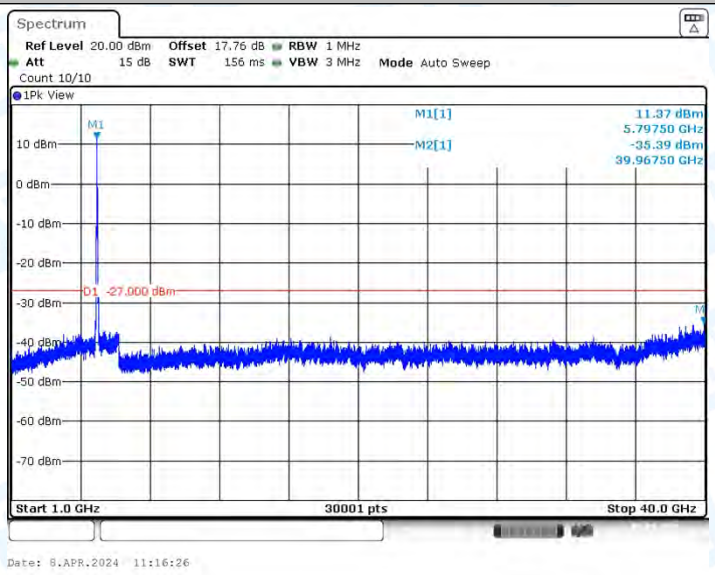

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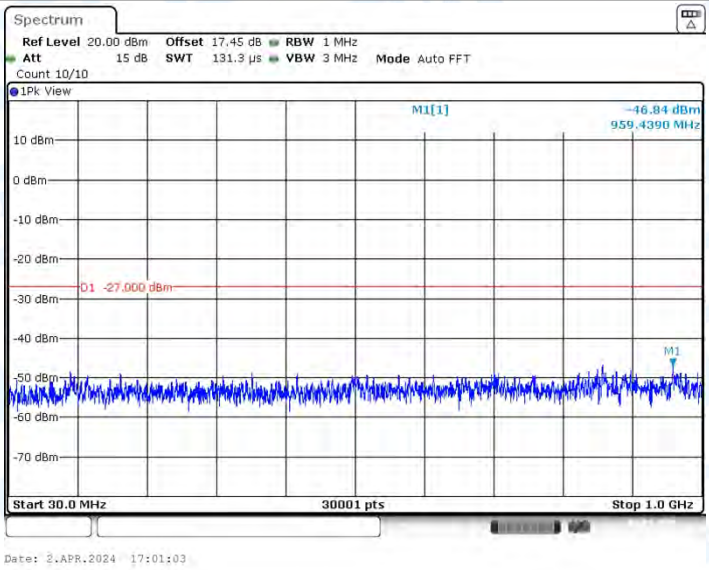

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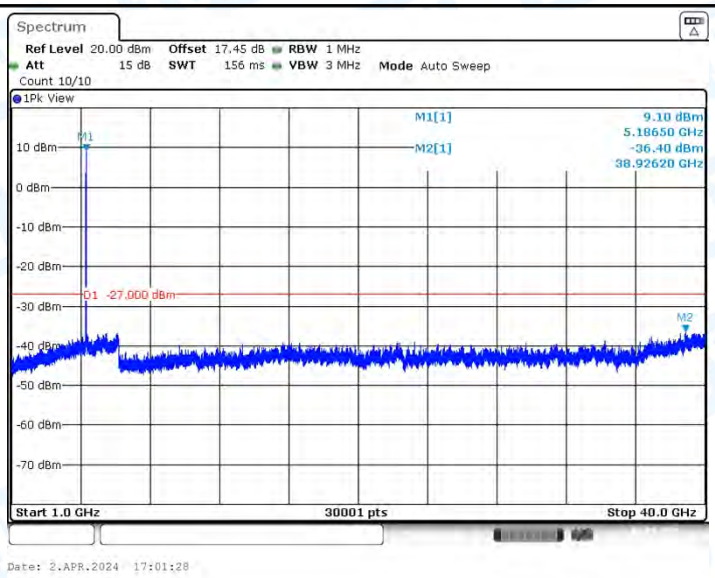

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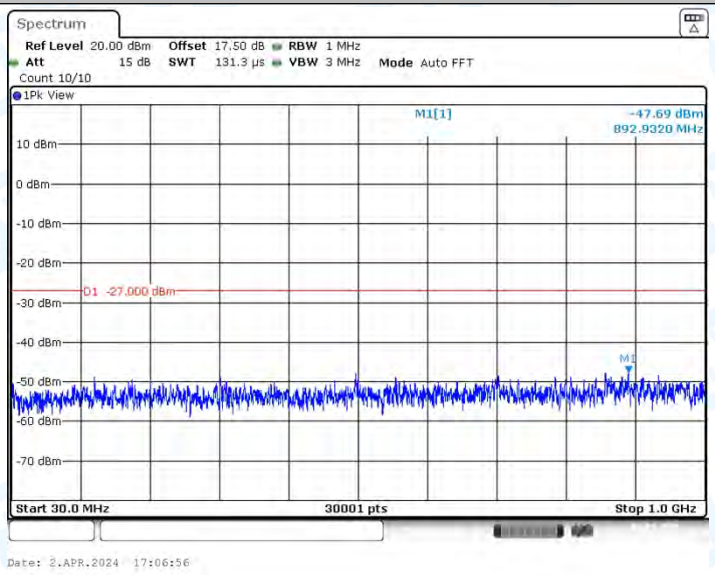

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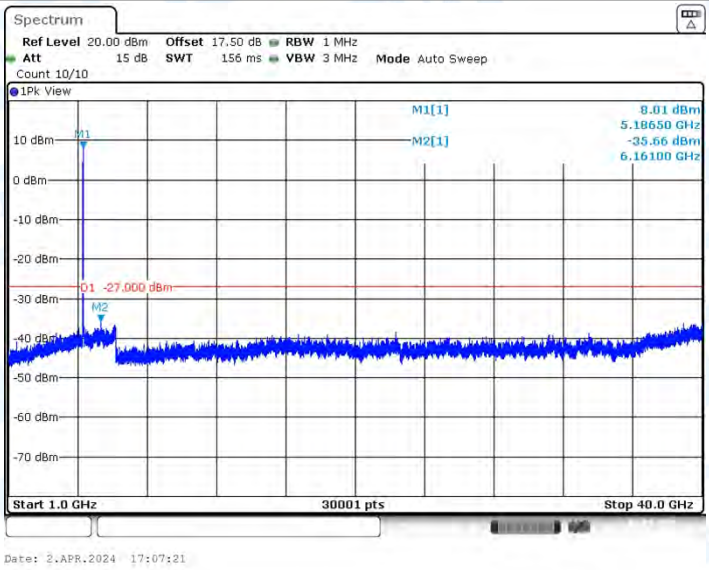

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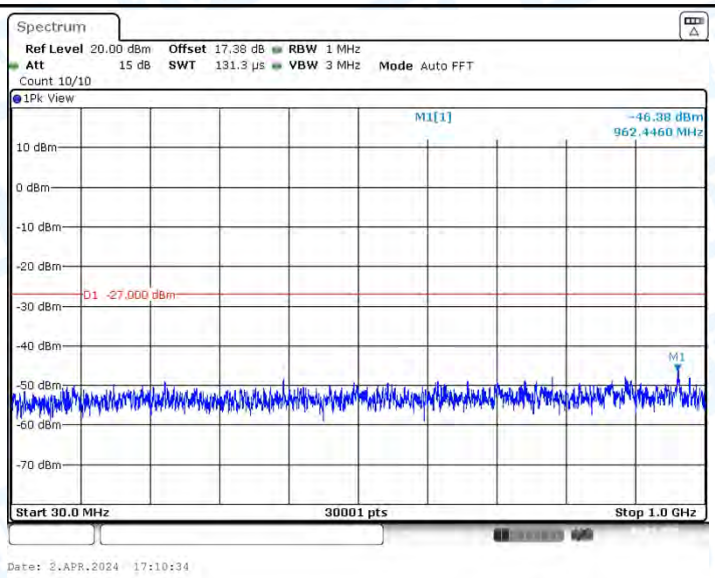

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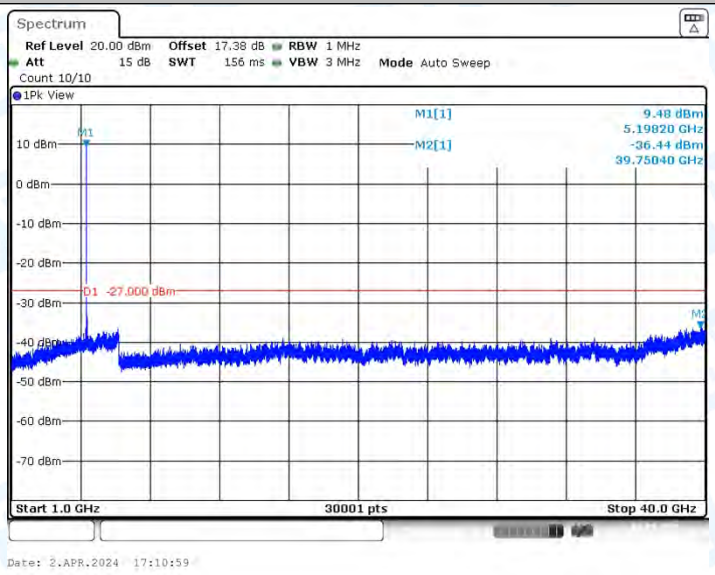

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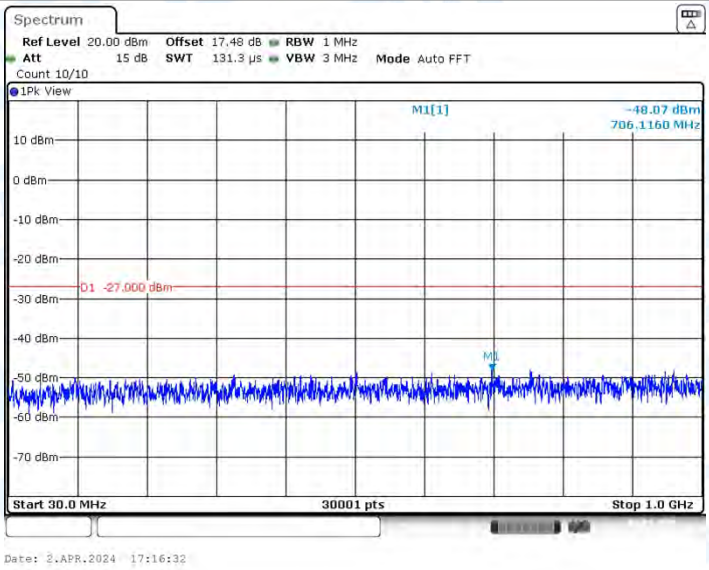

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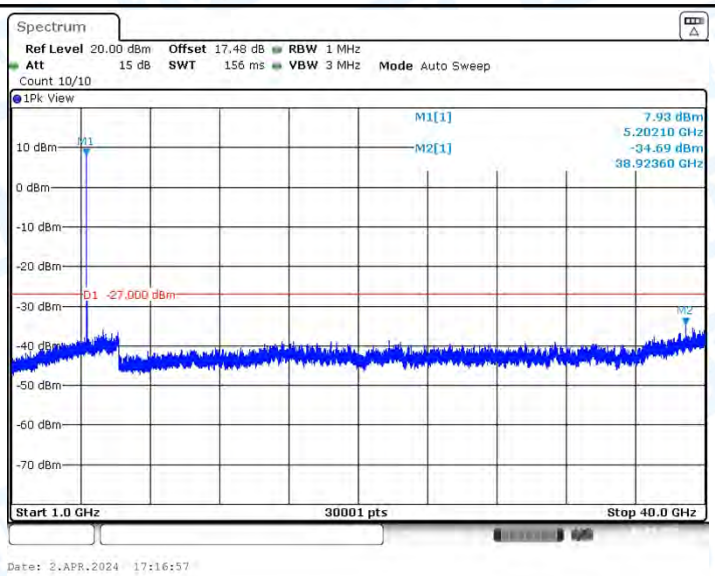

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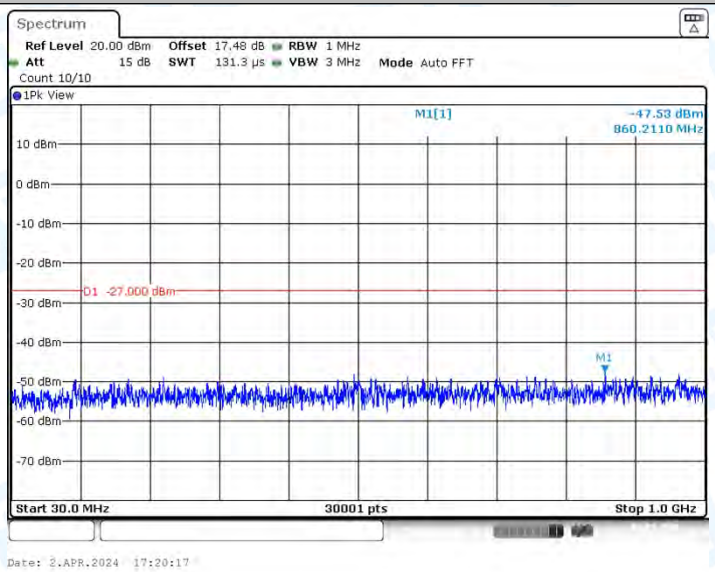

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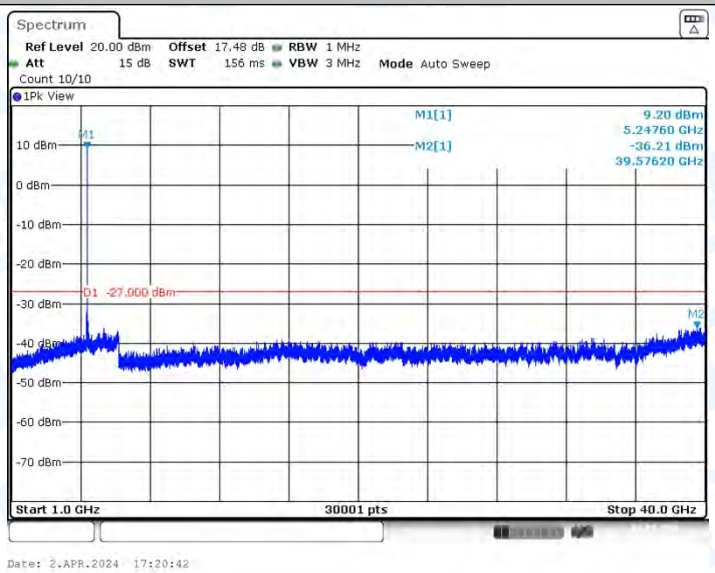

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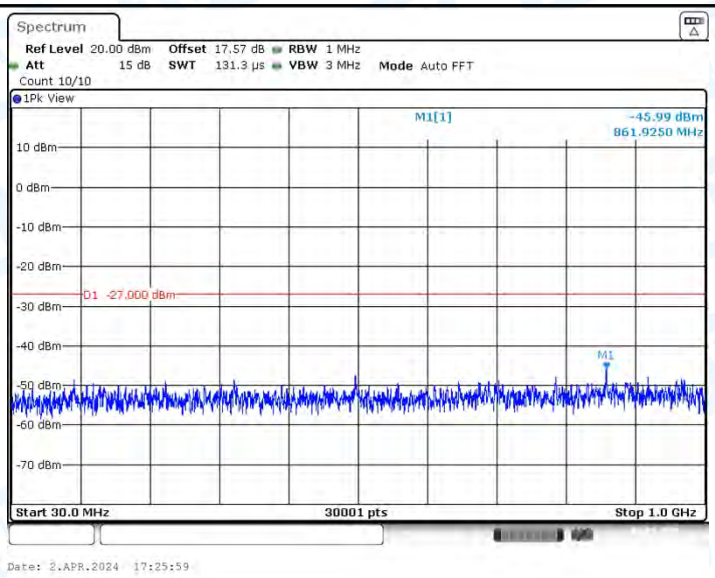

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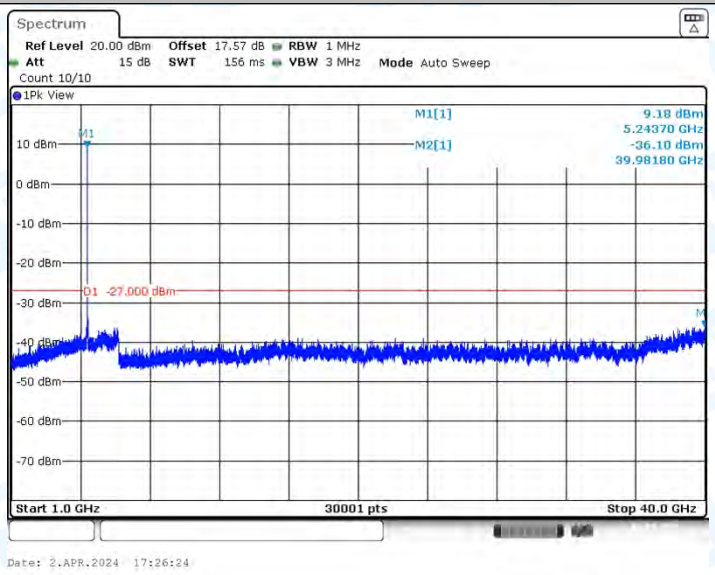

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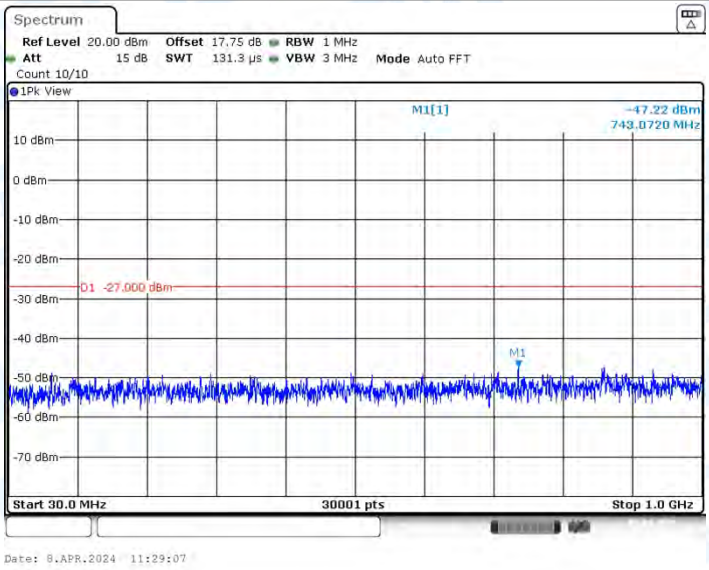

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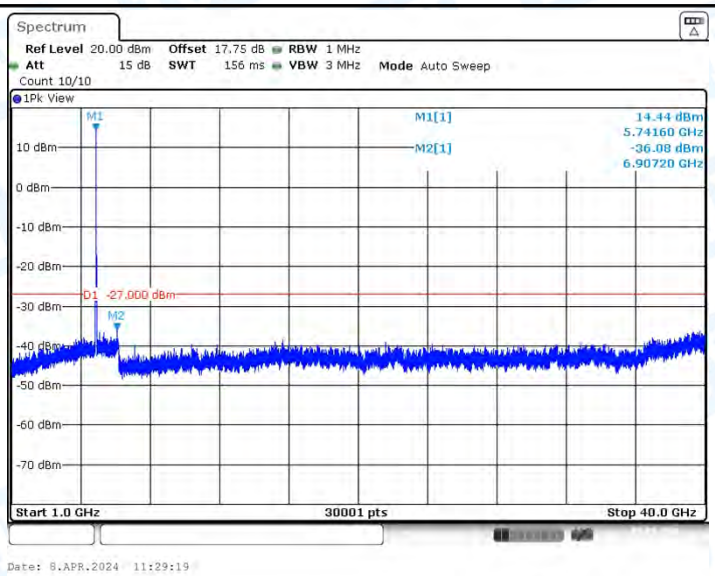

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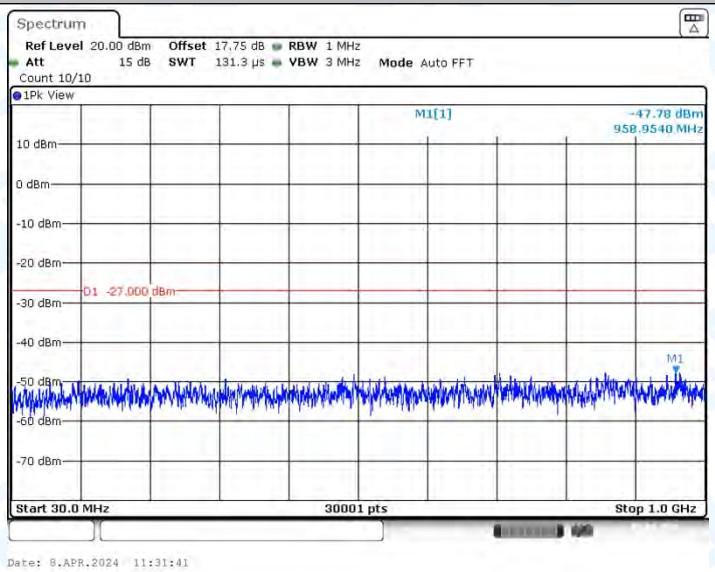

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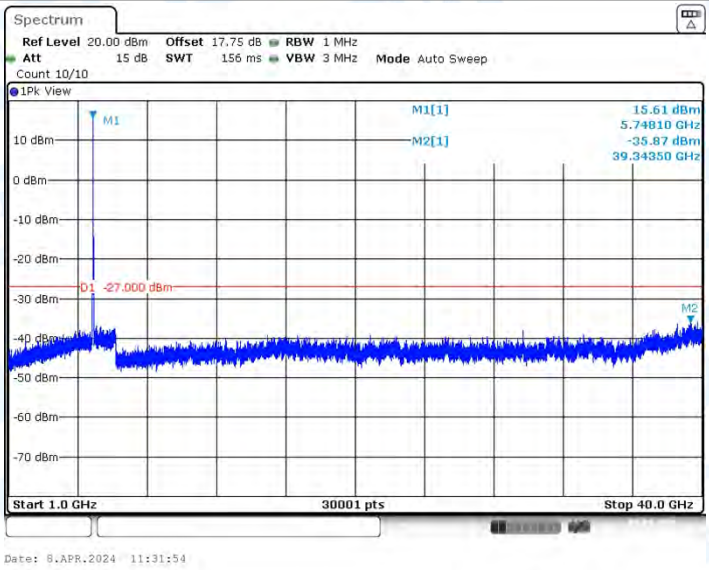

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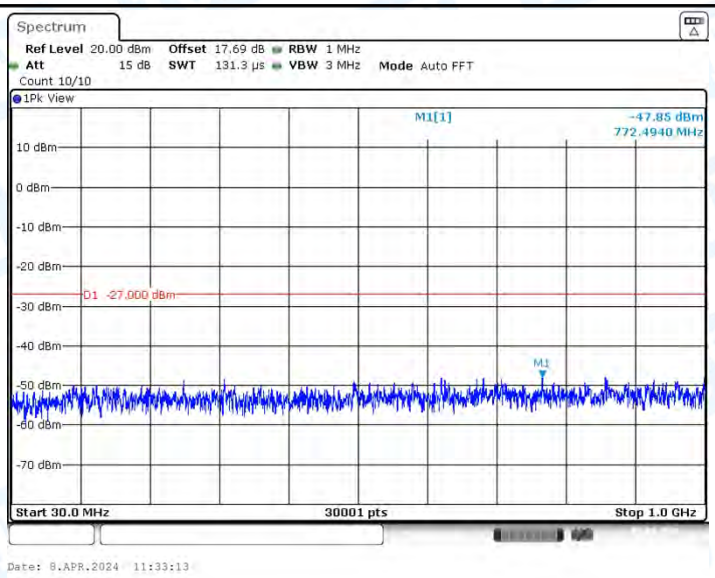

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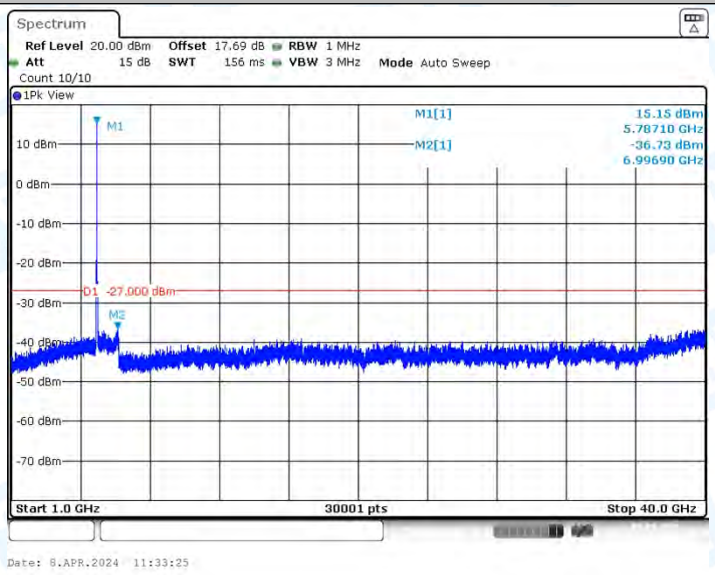

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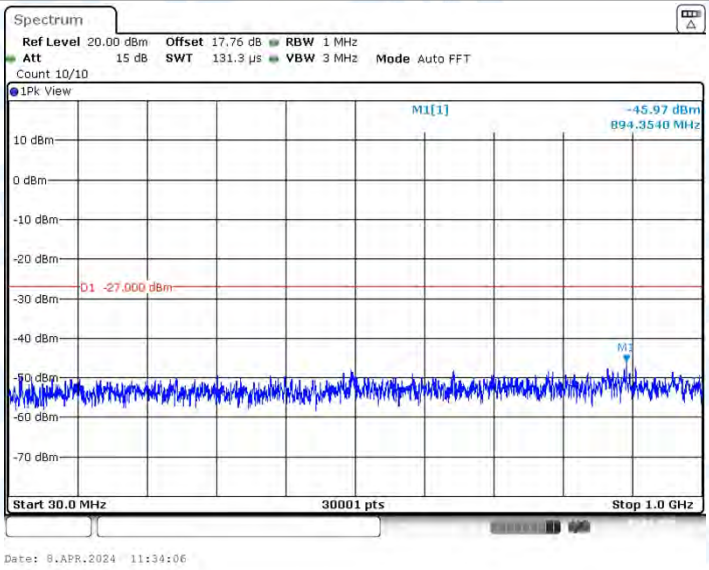

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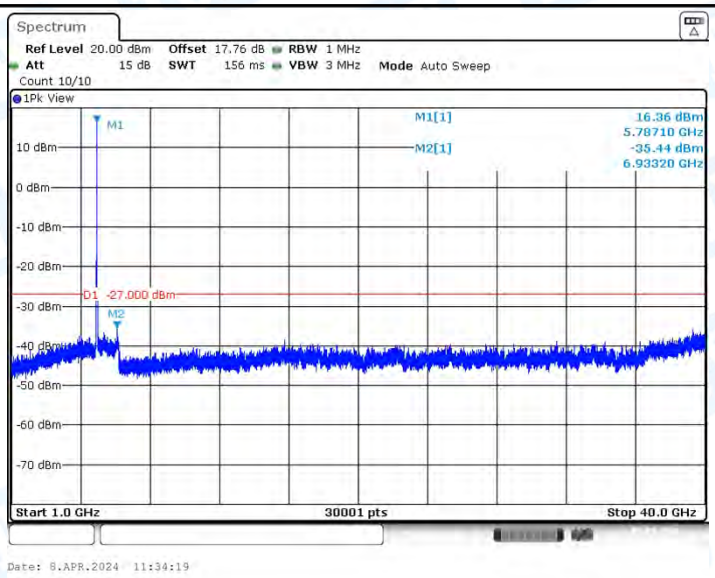

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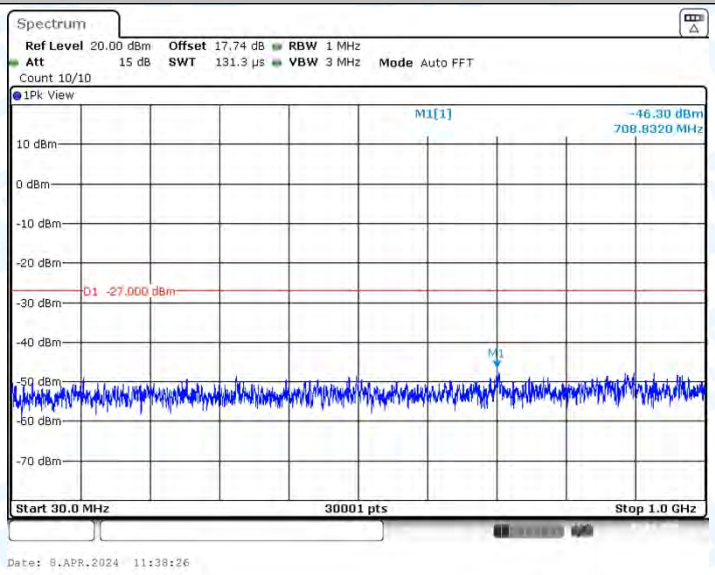

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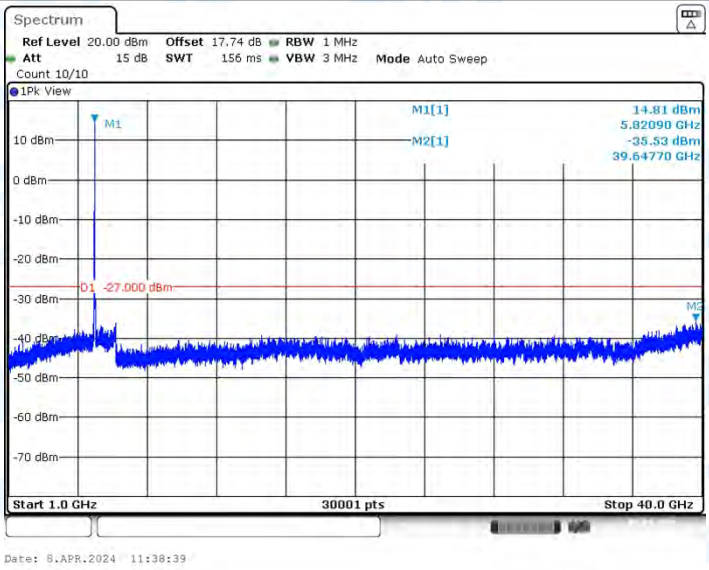

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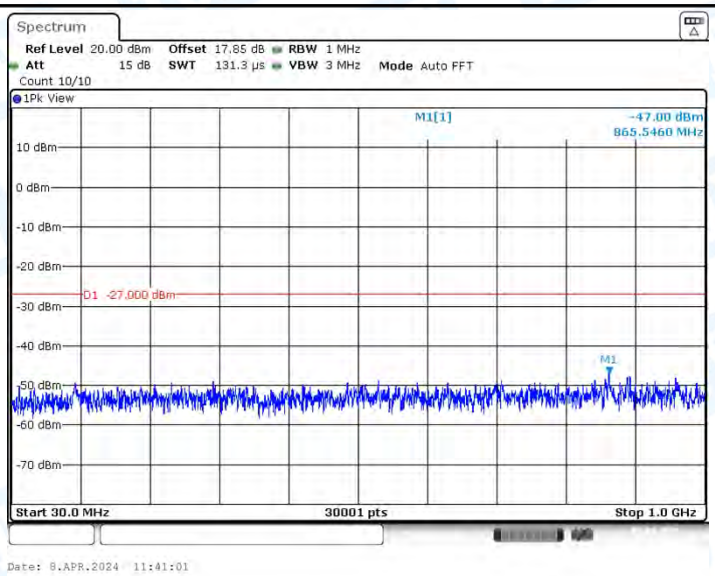

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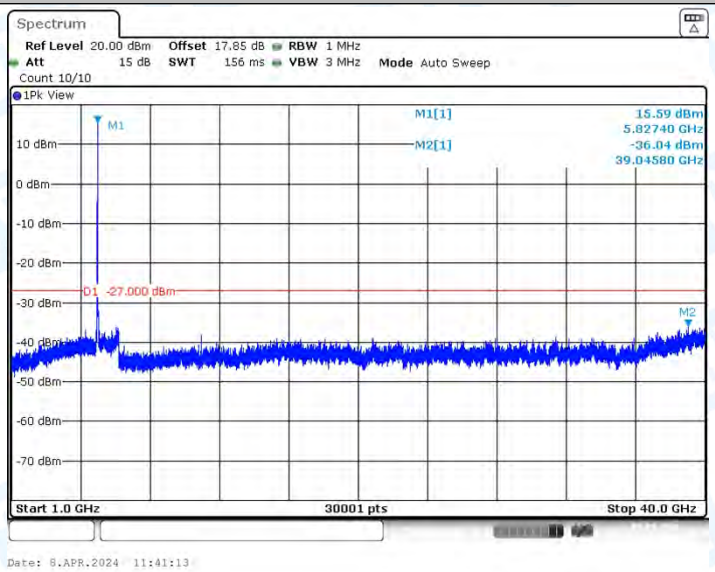

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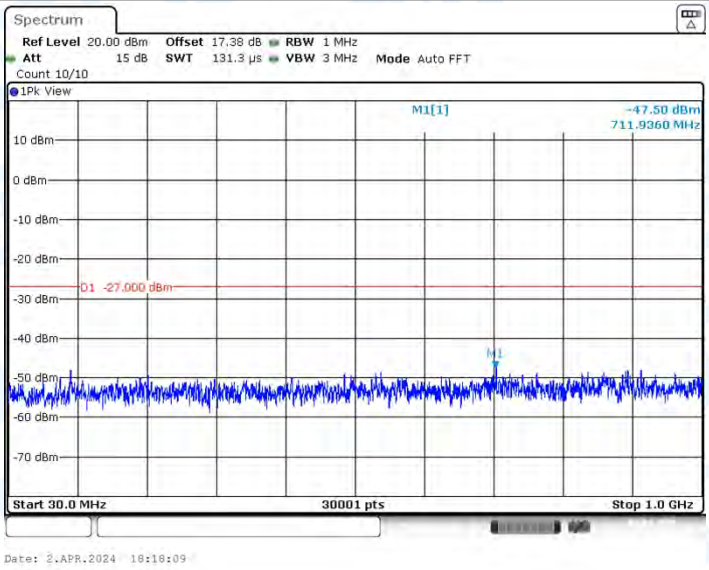

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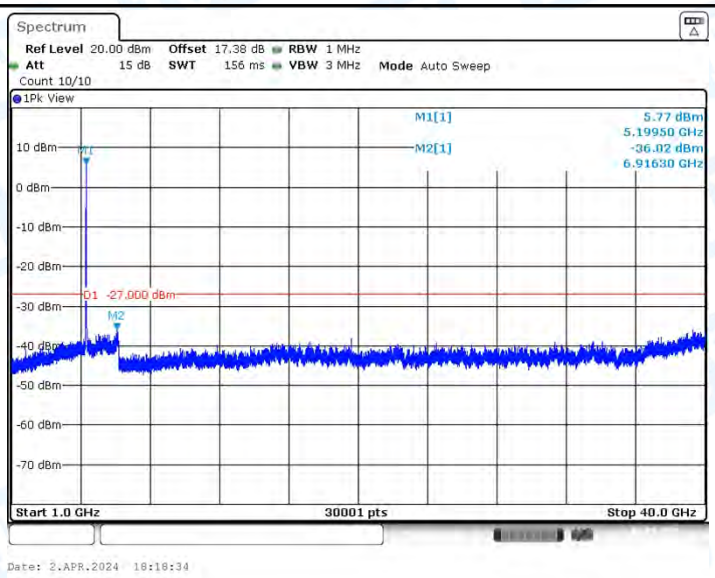

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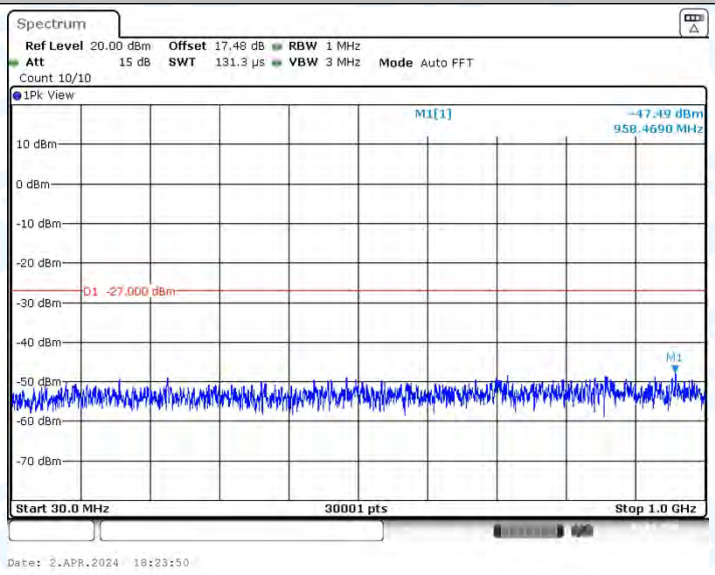

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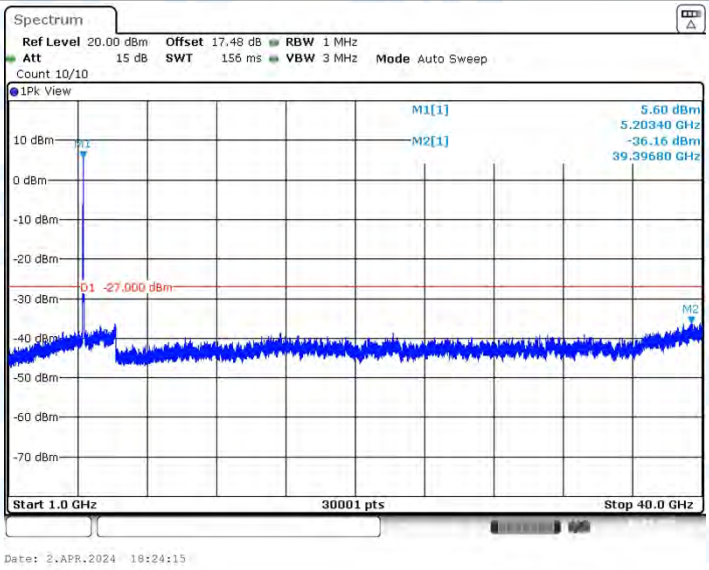

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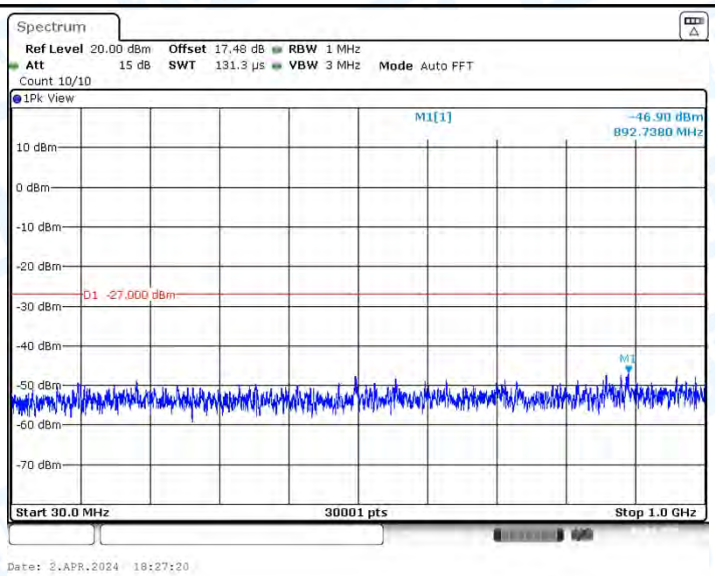

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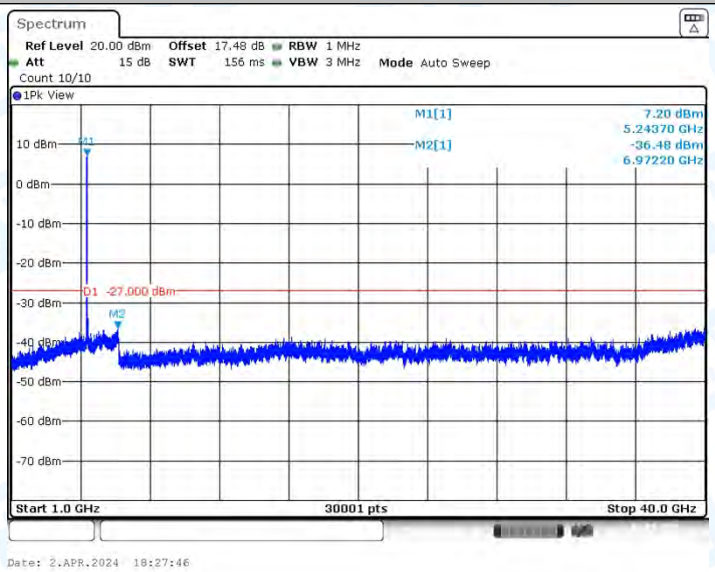
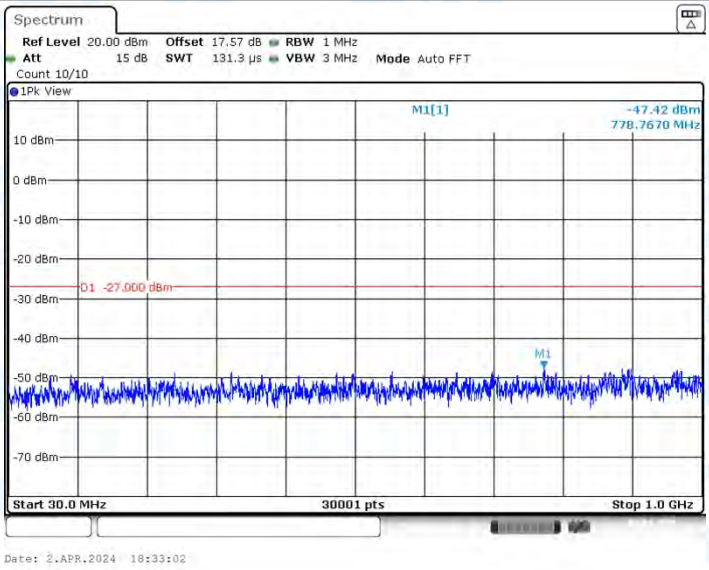


11AC40MIMO_Ant2_5230_30~1000



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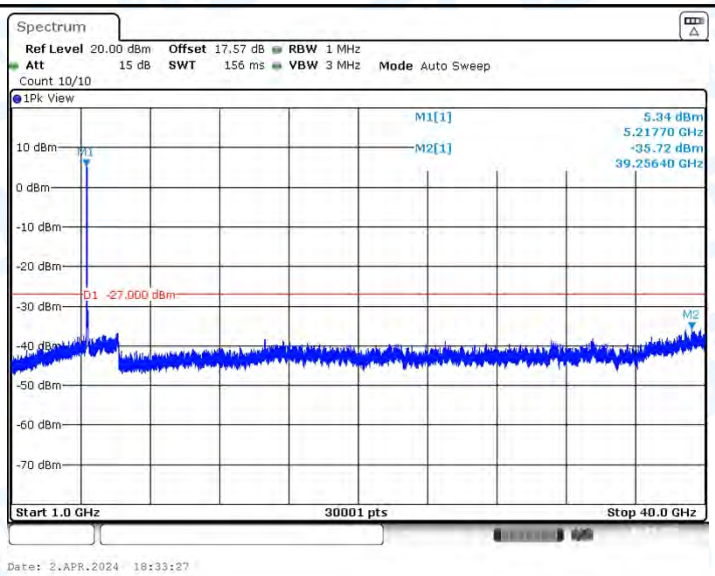

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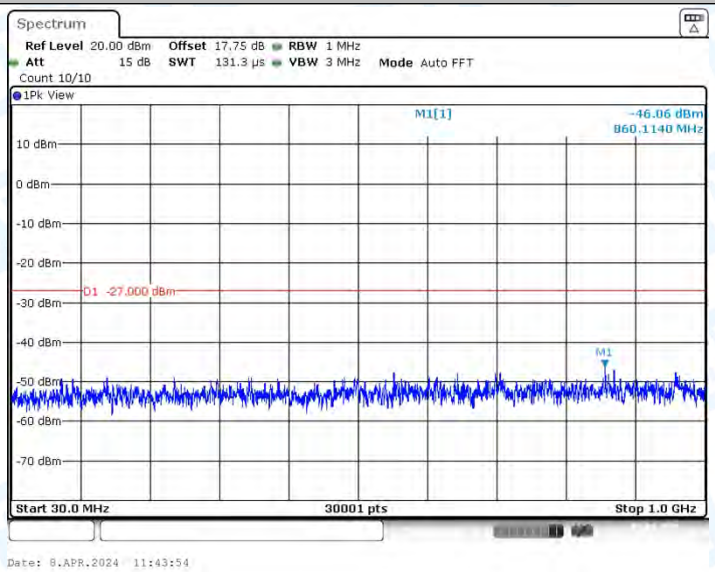

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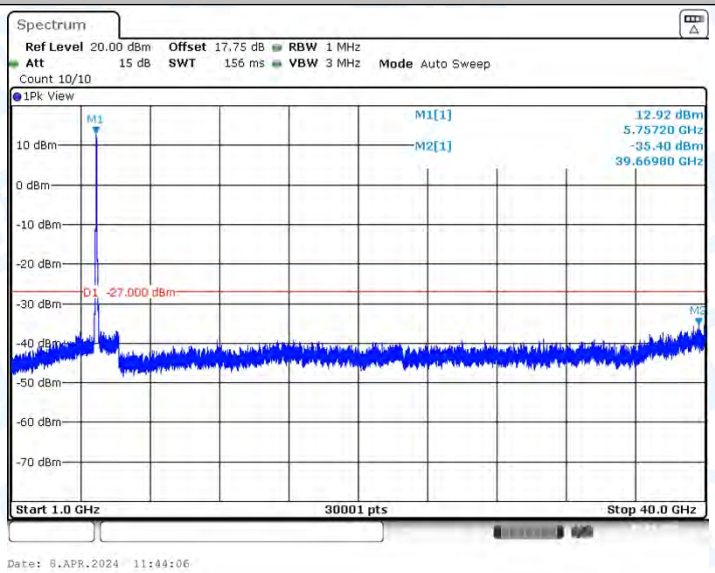

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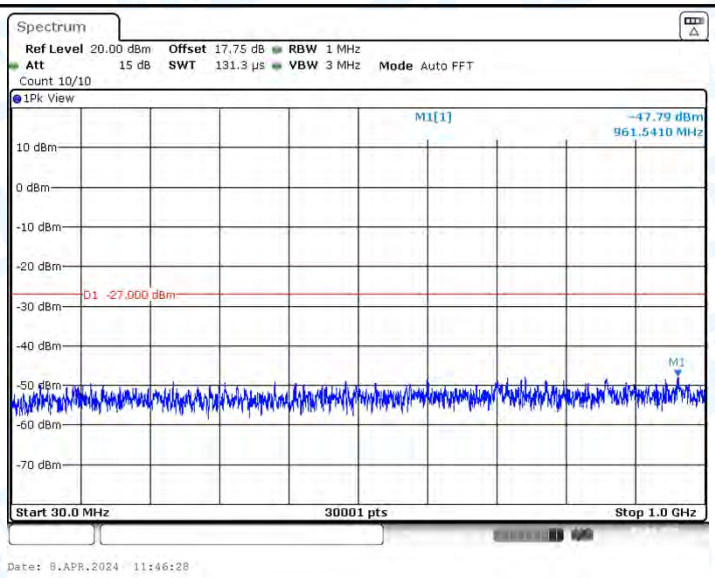

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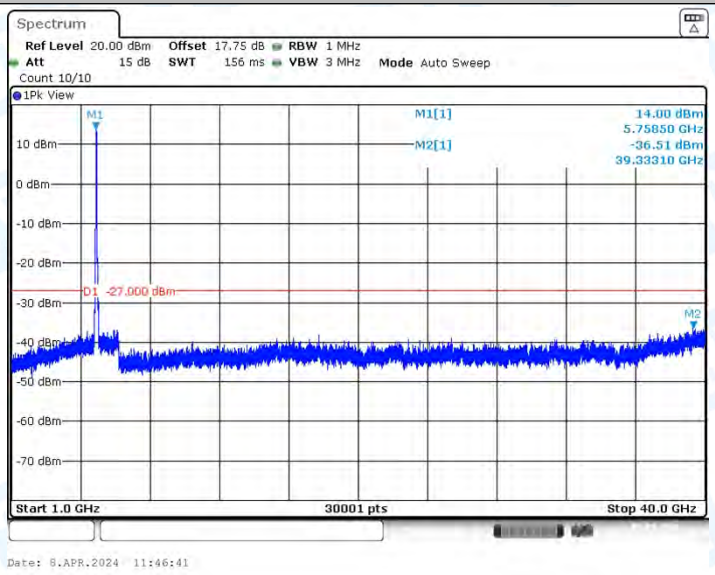

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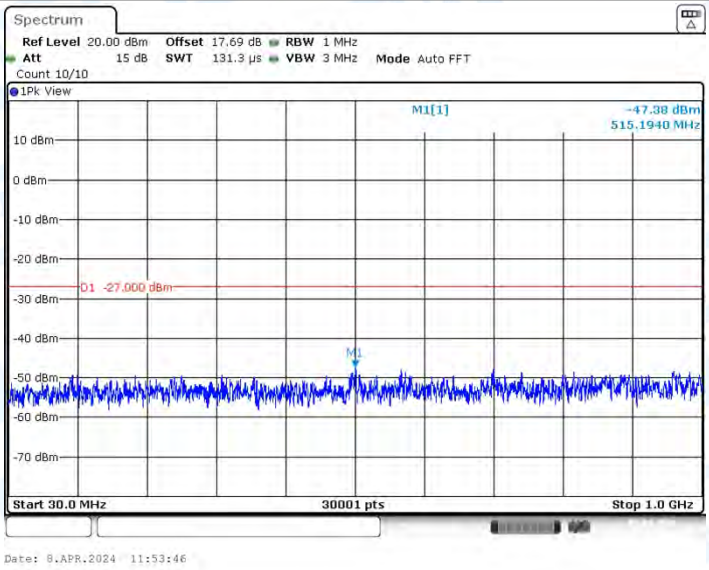
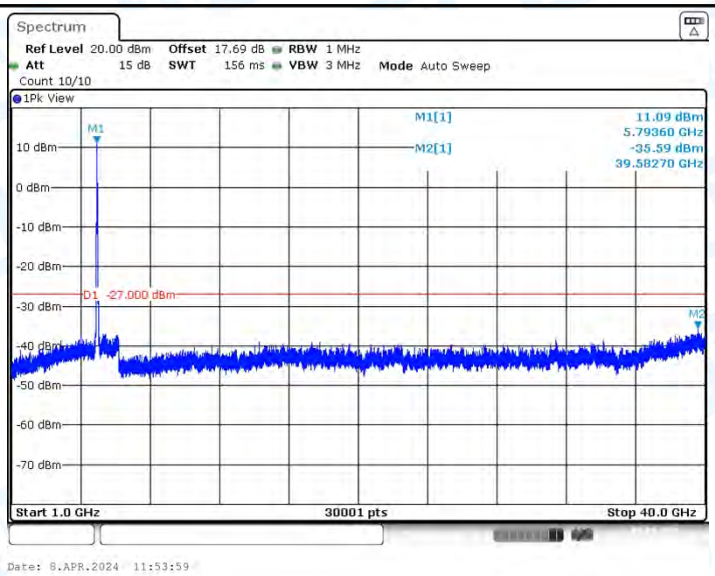
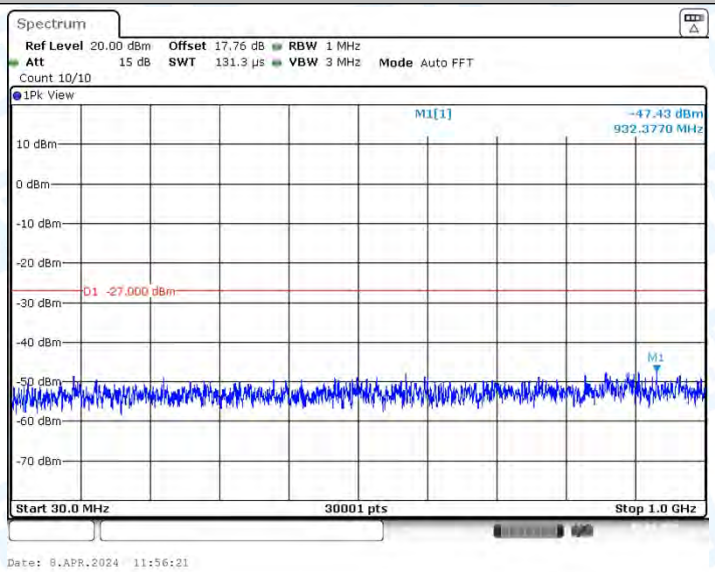


11AC40MIMO_Ant1_5795_1000~40000



11AC40MIMO_Ant2_5795_30~1000



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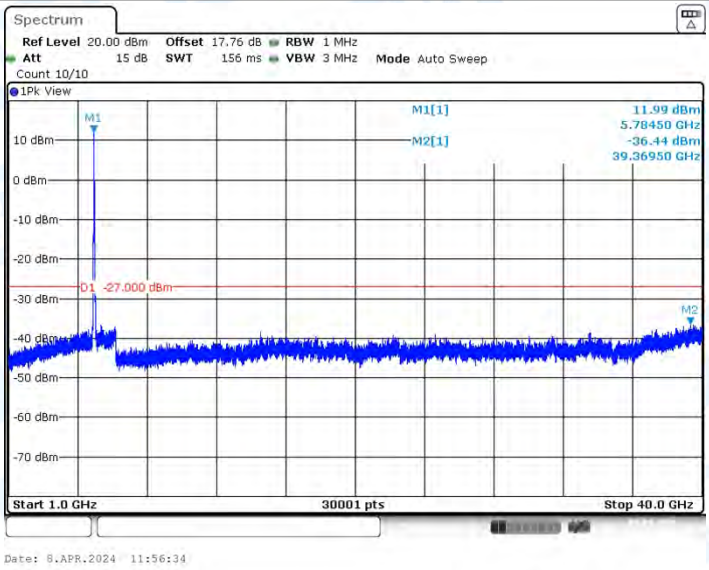
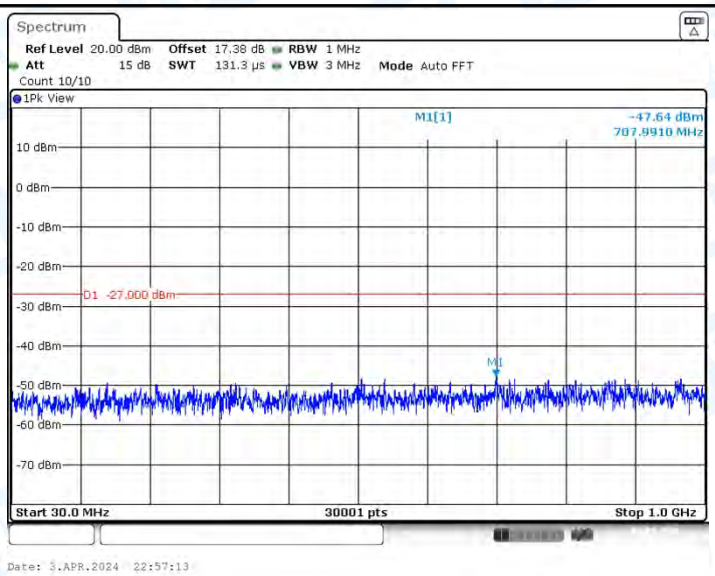


11AC80MIMO_Ant1_5210_30~1000



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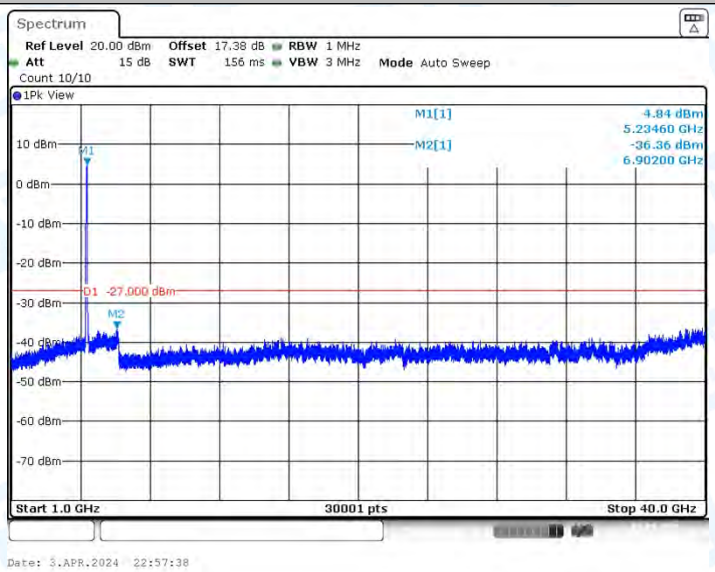

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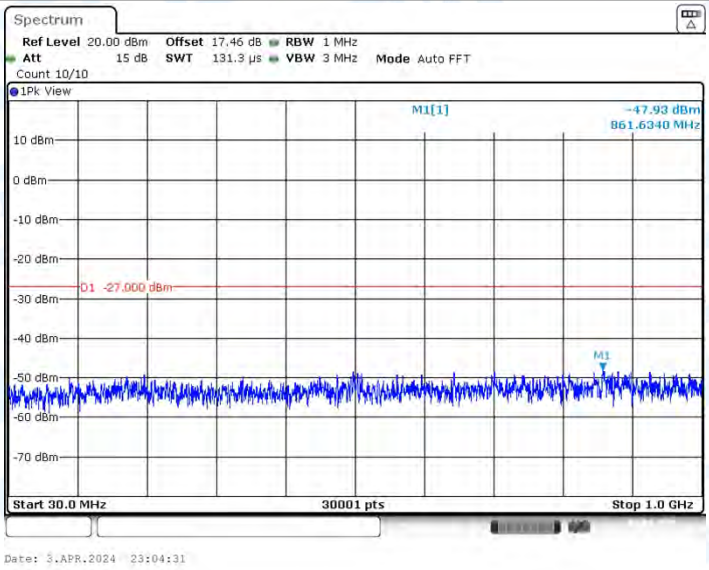

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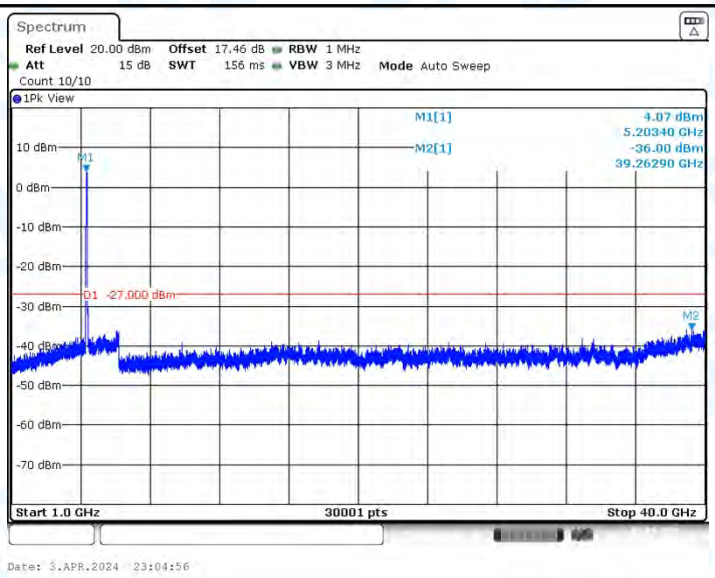
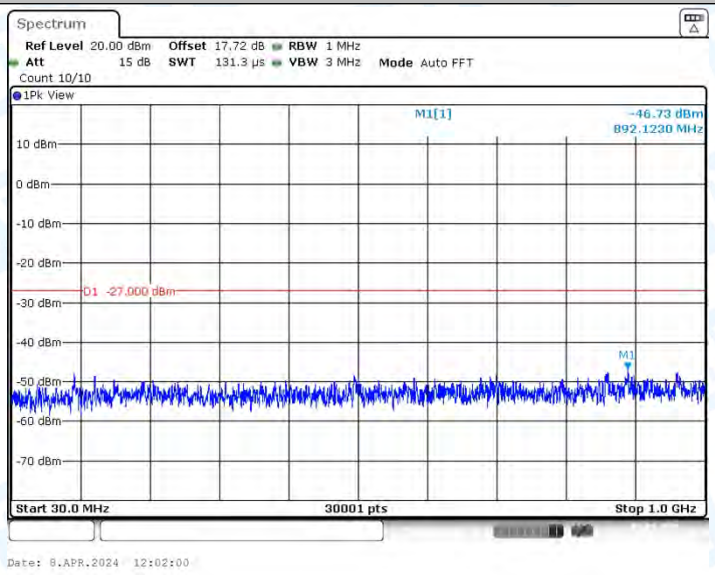


11AC80MIMO_Ant1_5775_30~1000



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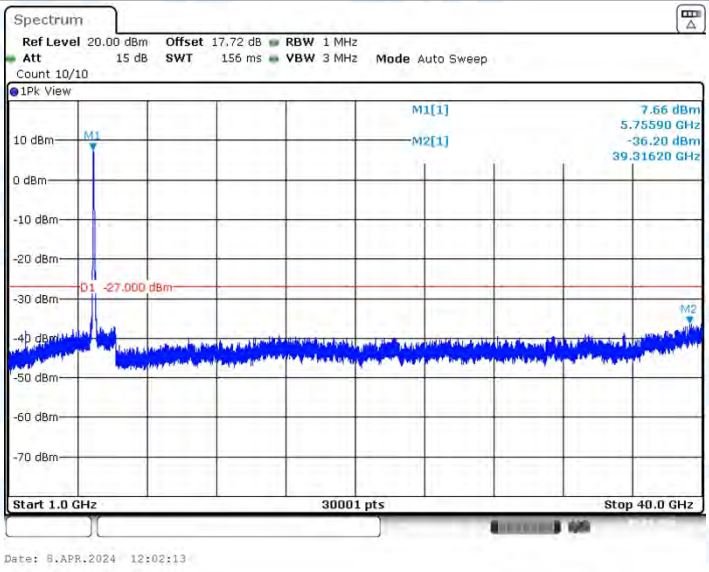

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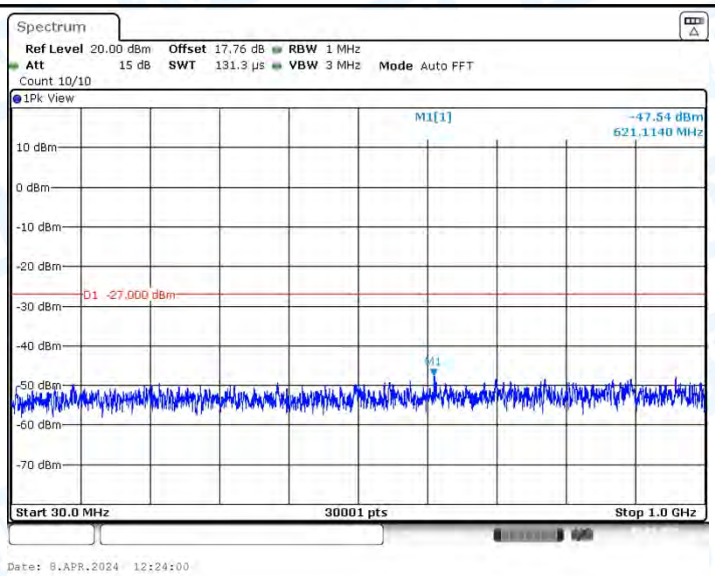

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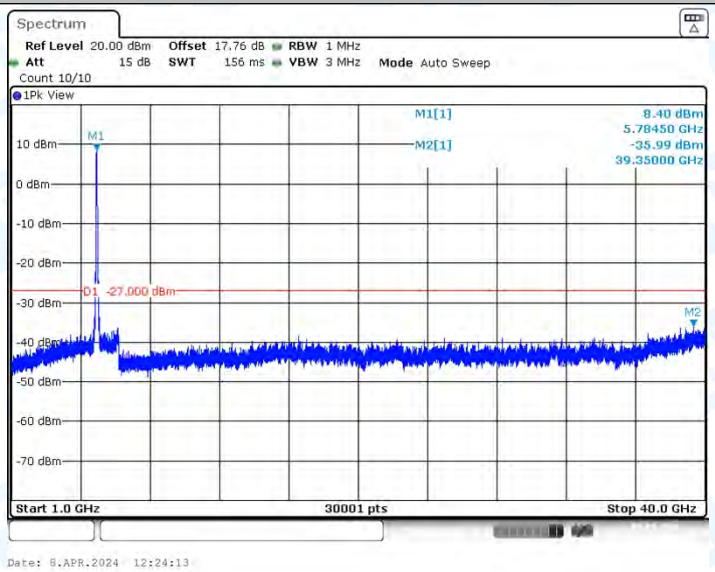
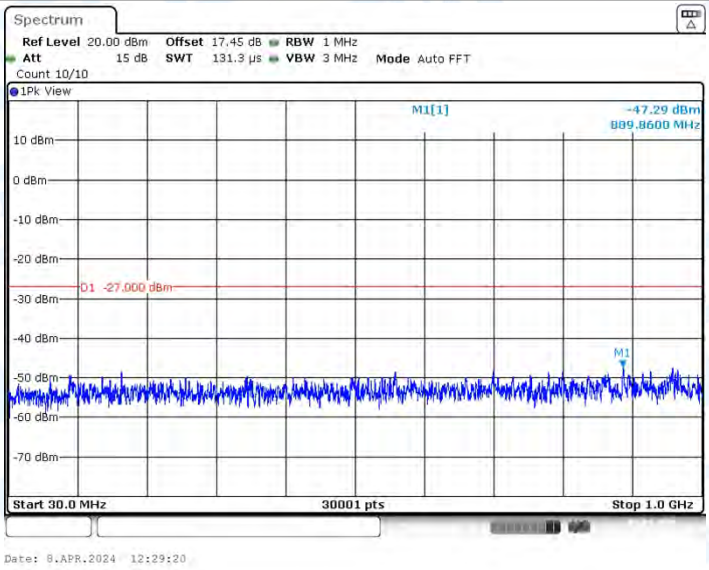


11AX20MIMO_Ant1_5180_30~1000



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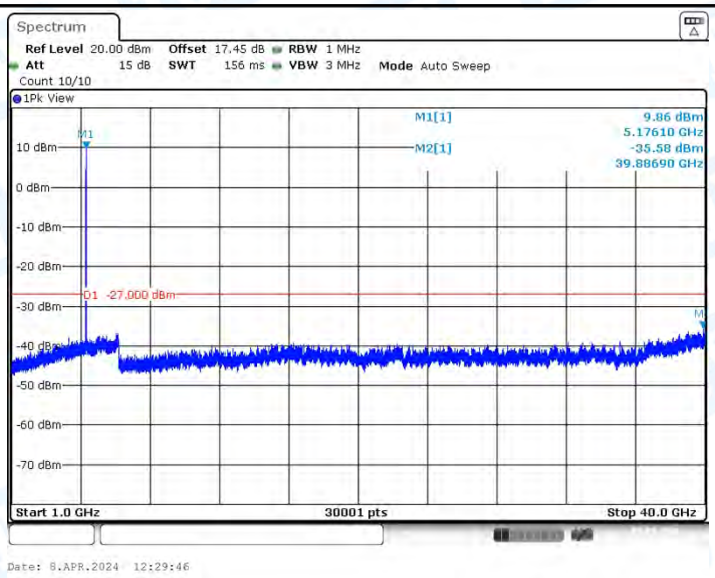
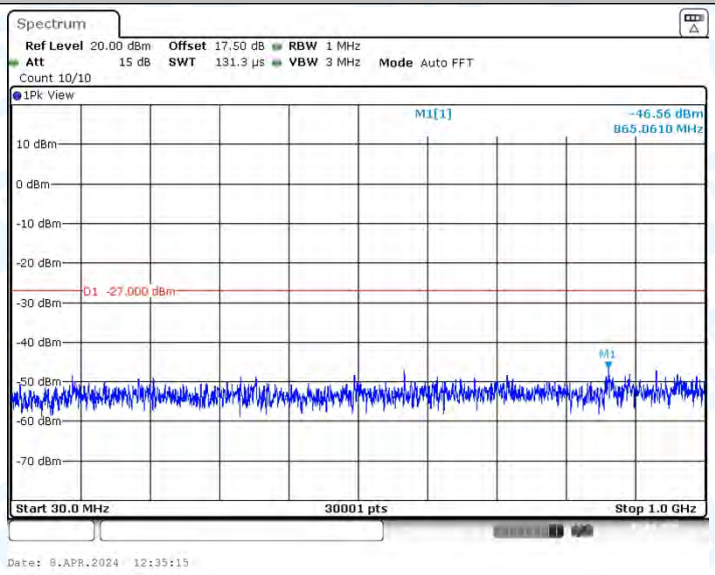


11AX20MIMO_Ant2_5180_30~1000



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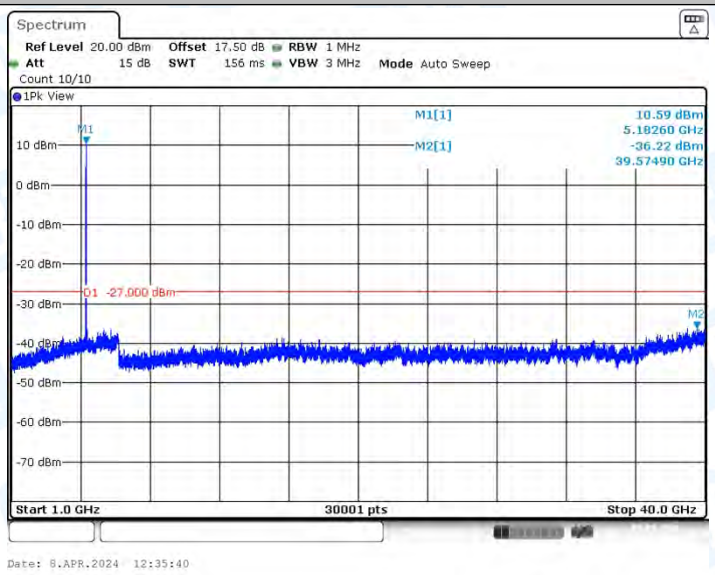
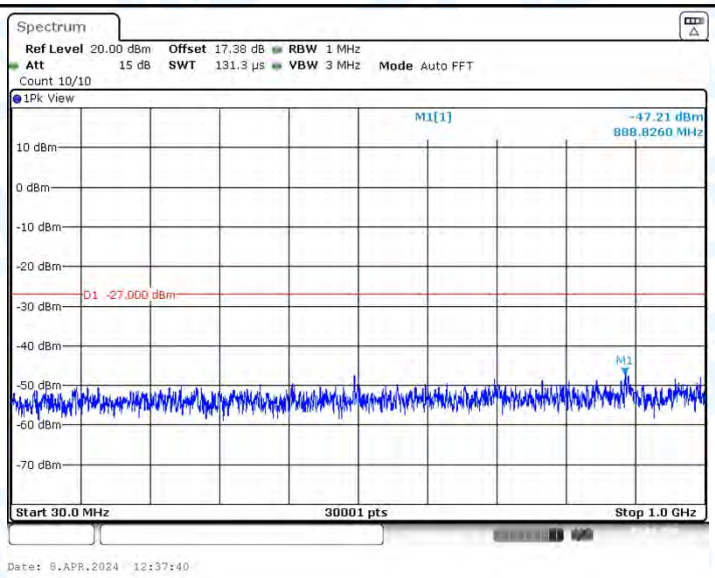


11AX20MIMO_Ant1_5200_30~1000



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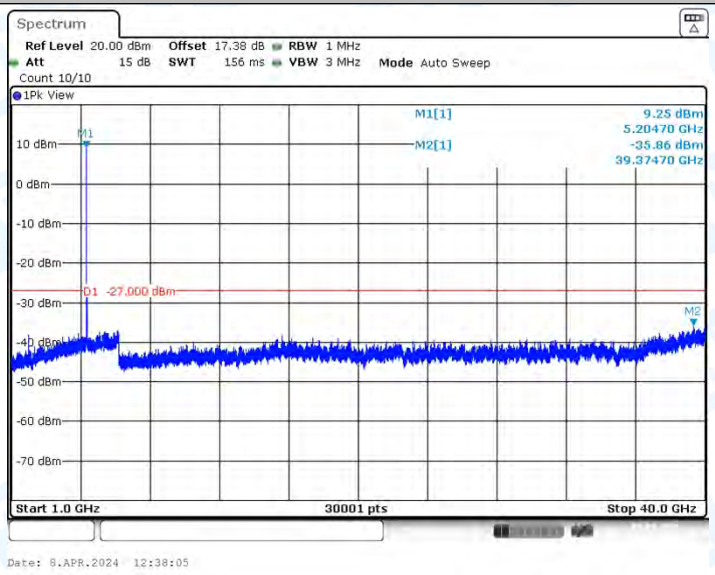

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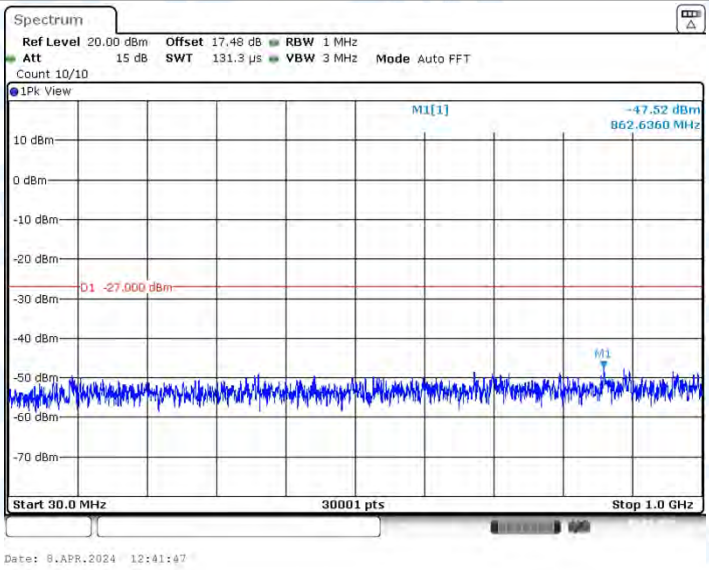

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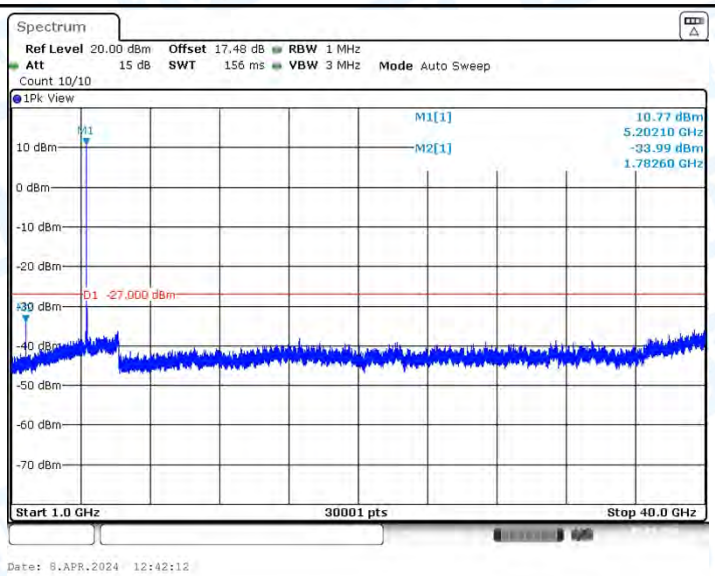

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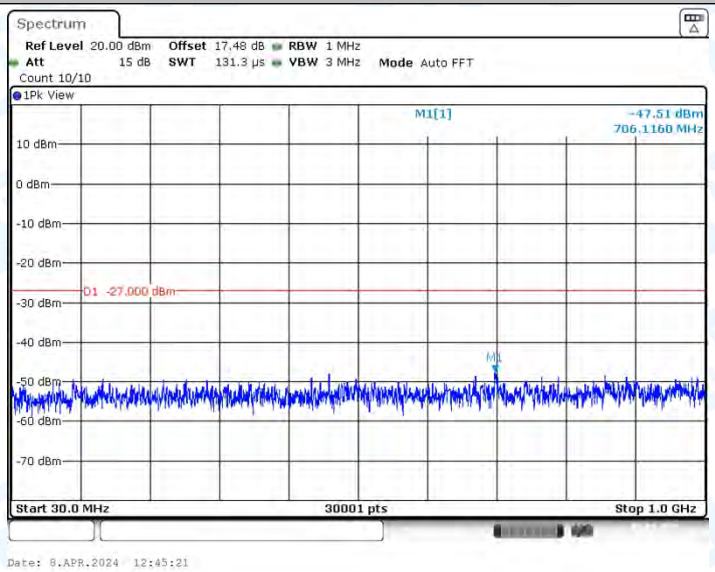

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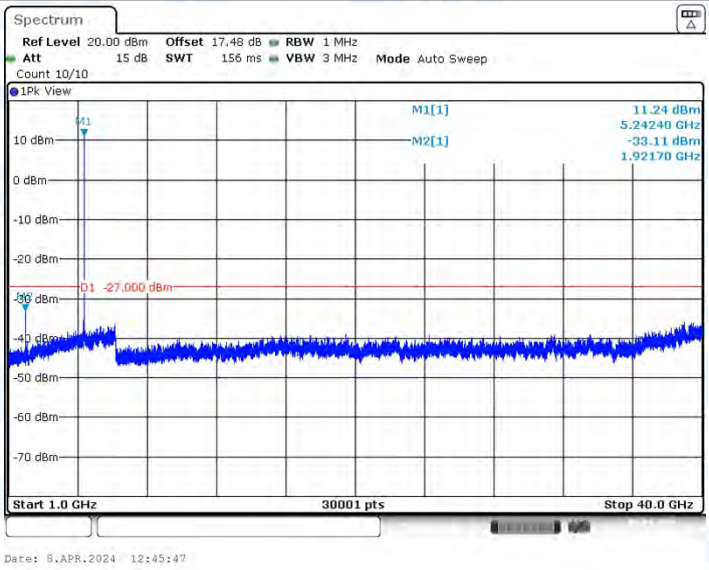

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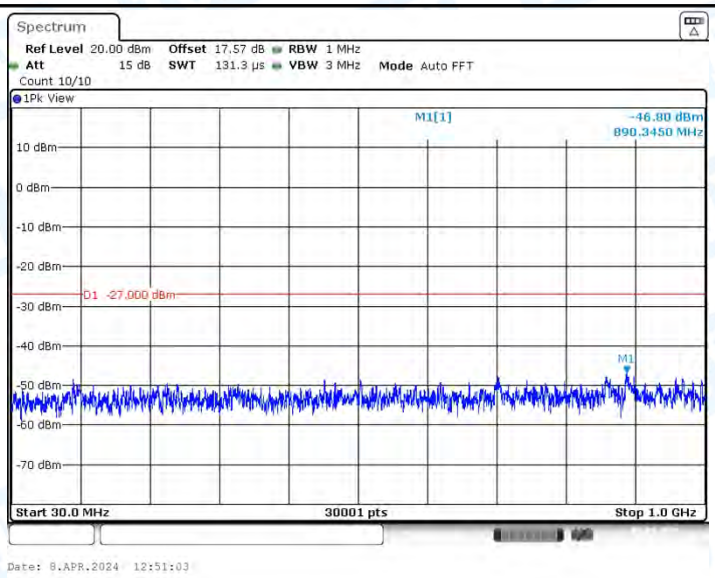

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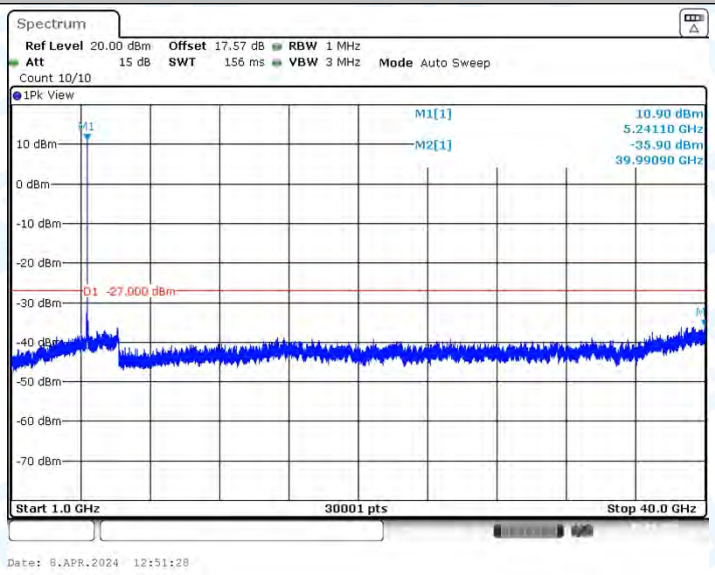

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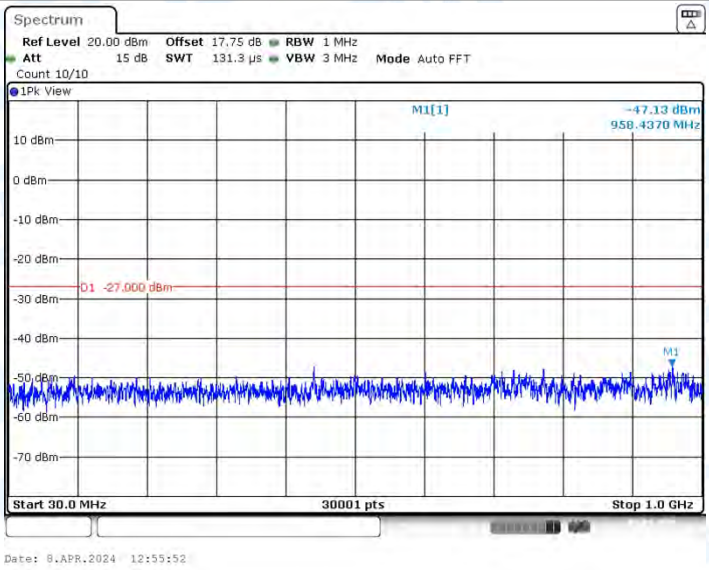

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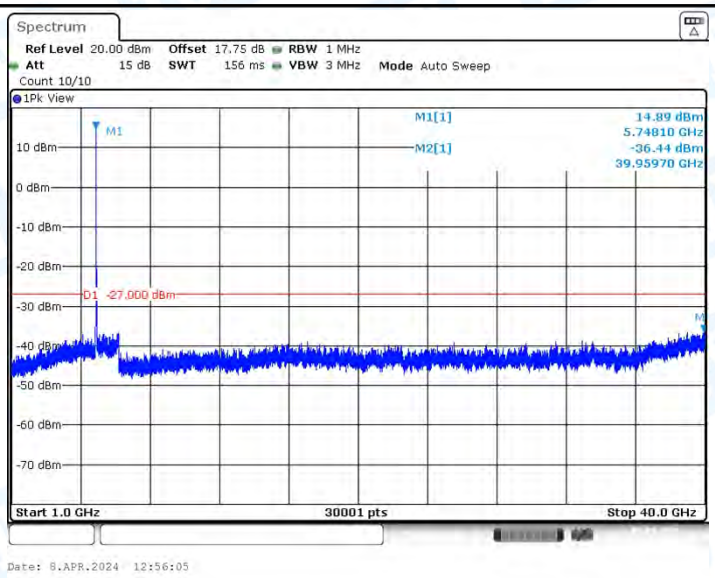

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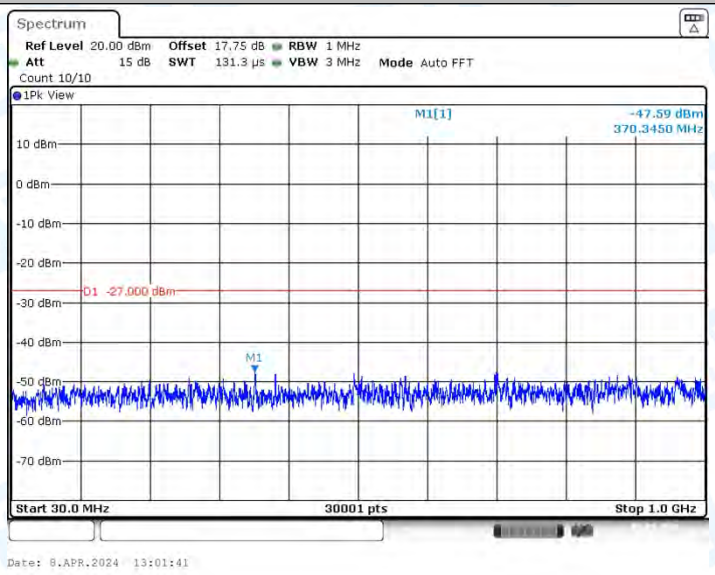

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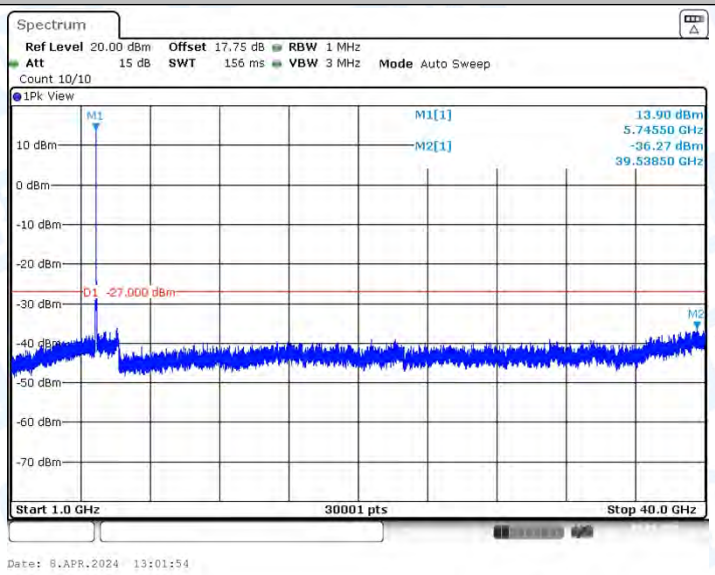

11AX20MIMO_Ant1_5785_30~1000