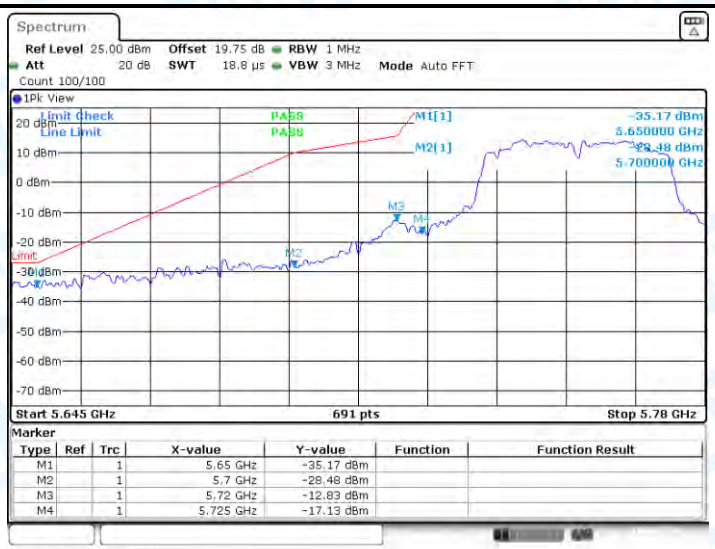
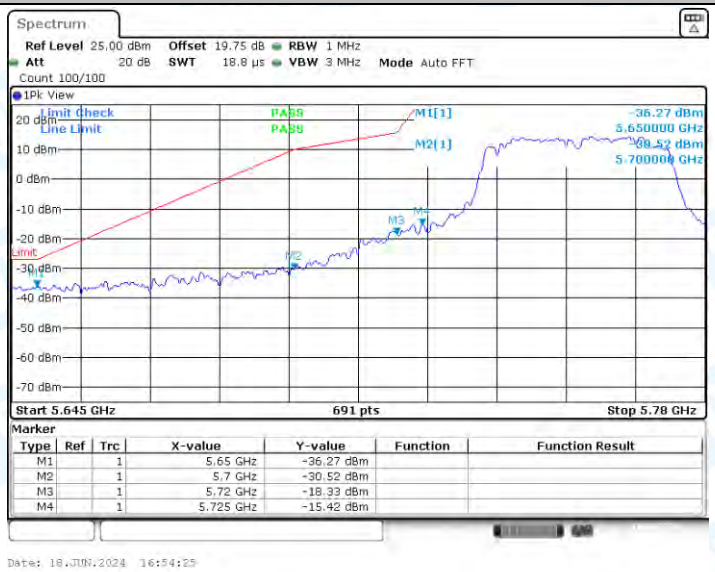
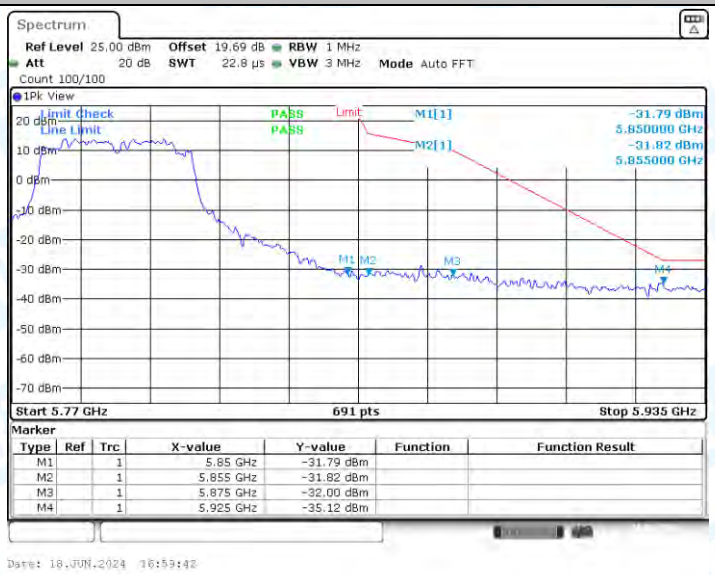


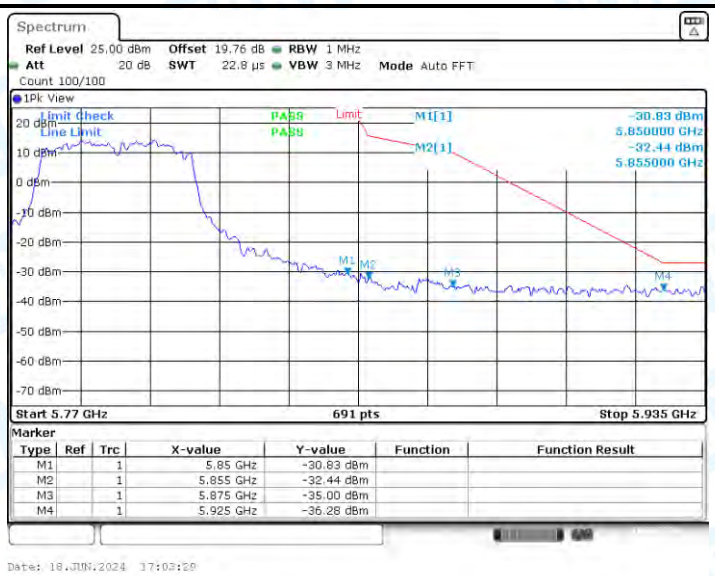
11N40MIMO_Ant2_Low_5755_Peak



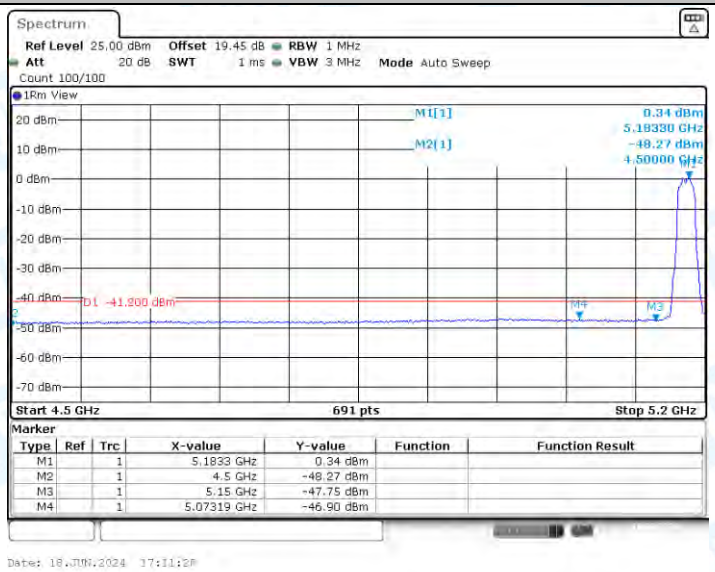
11N40MIMO_Ant1_High_5795_Peak



11N40MIMO_Ant2_High_5795_Peak



11AC20MIMO_Ant1_Low_5180_AV



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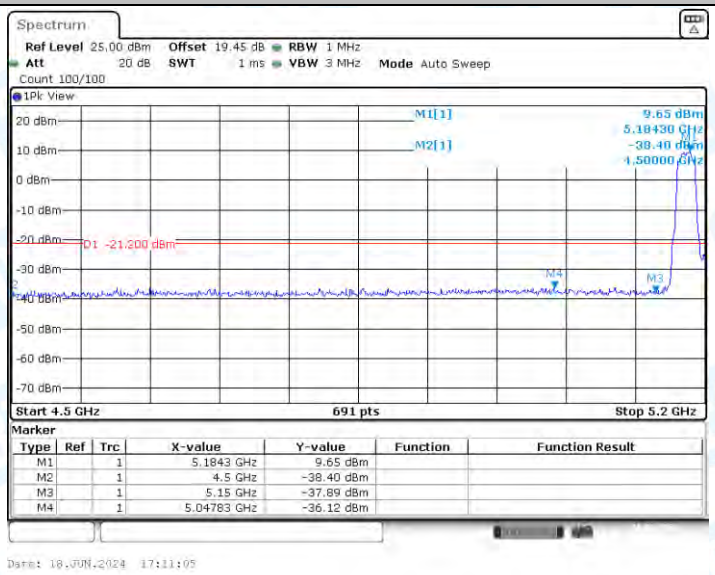

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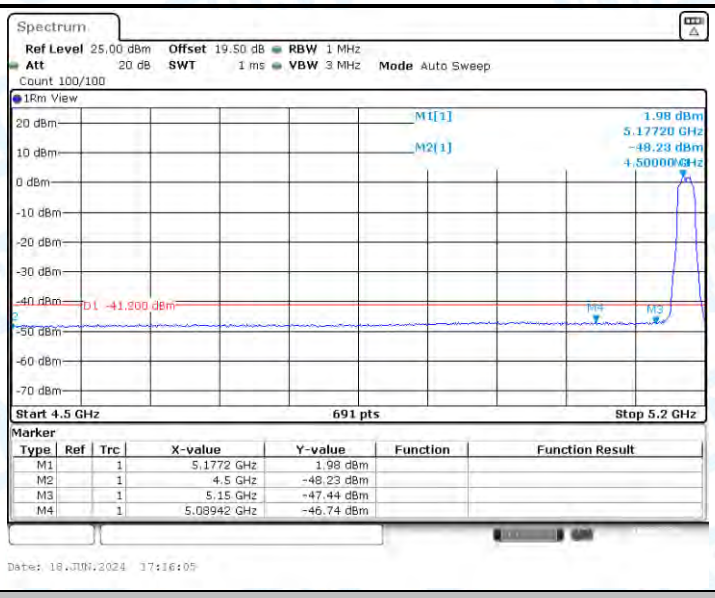
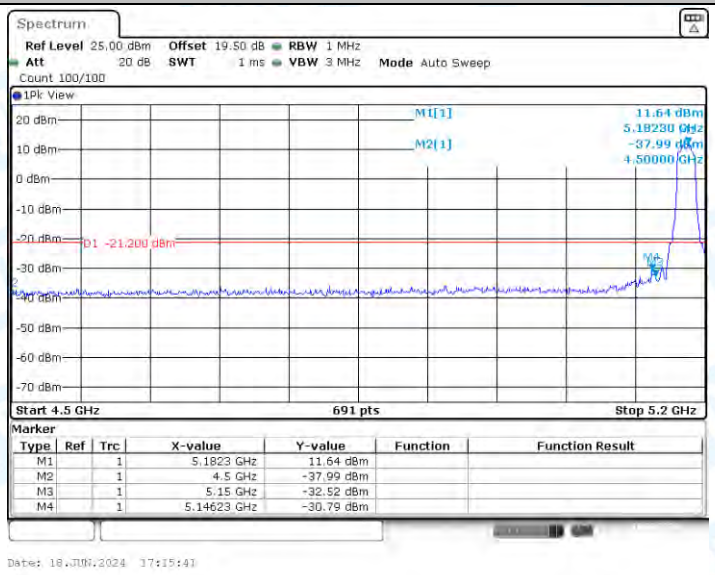
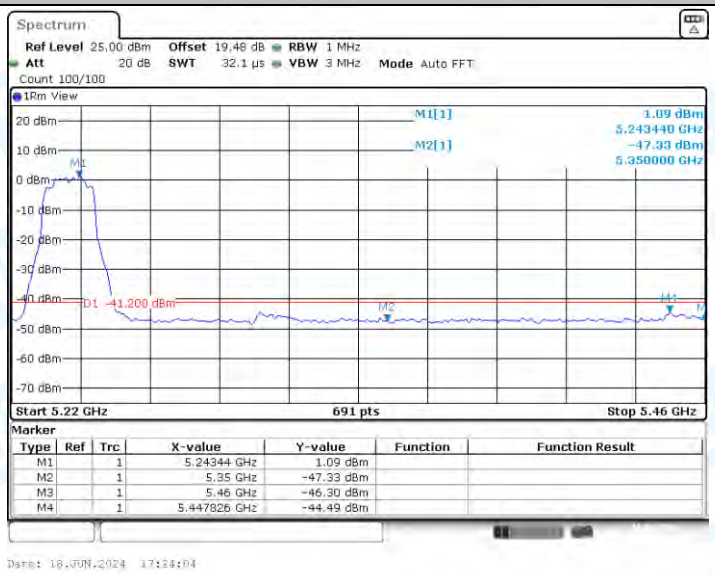


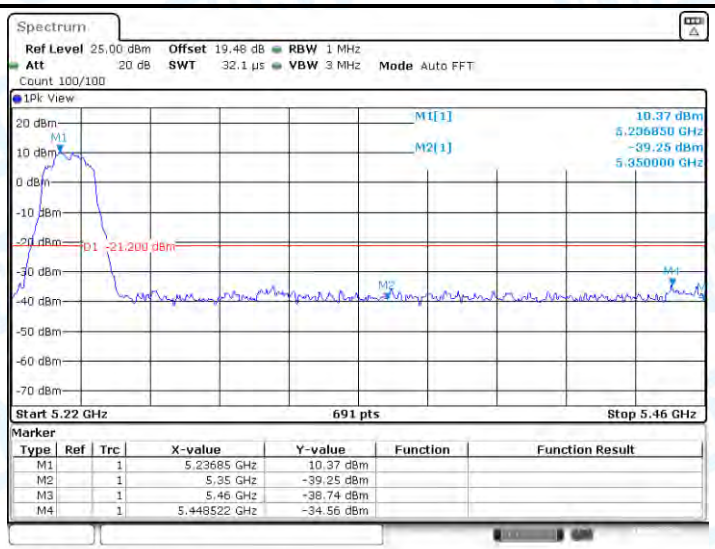
11AC20MIMO_Ant2_Low_5180_Peak



11AC20MIMO_Ant1_High_5240_AV



11AC20MIMO_Ant1_High_5240_Peak



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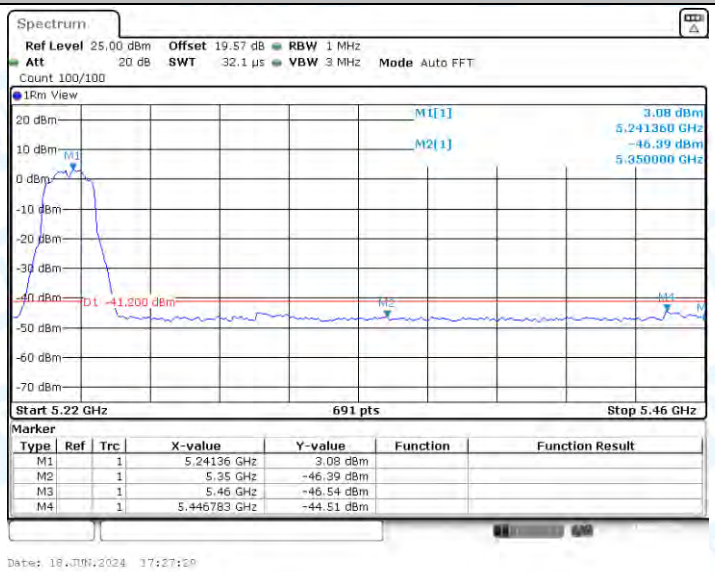

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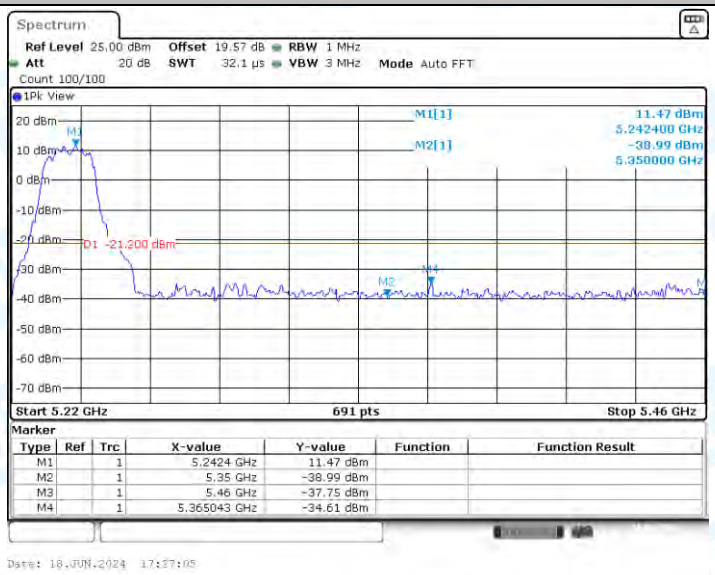
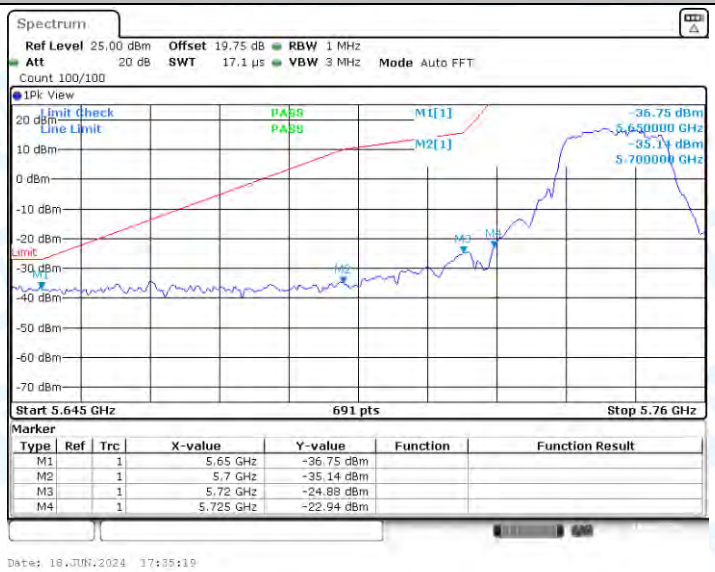
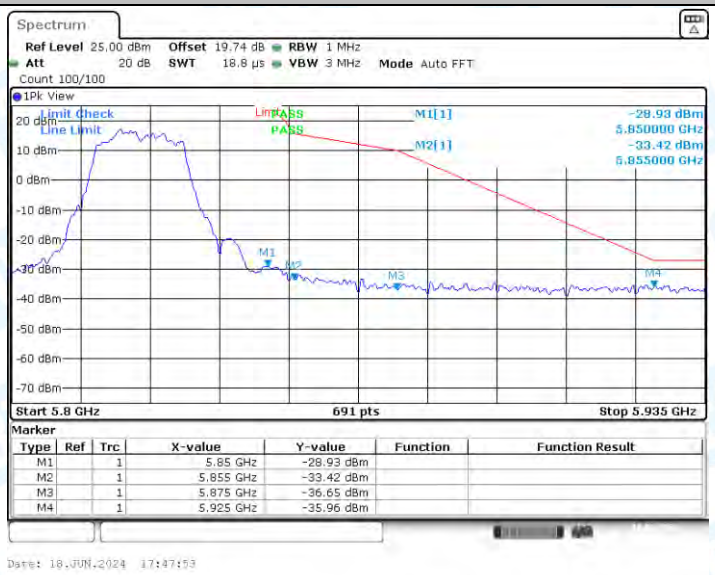


11AC20MIMO_Ant1_Low_5745_Peak

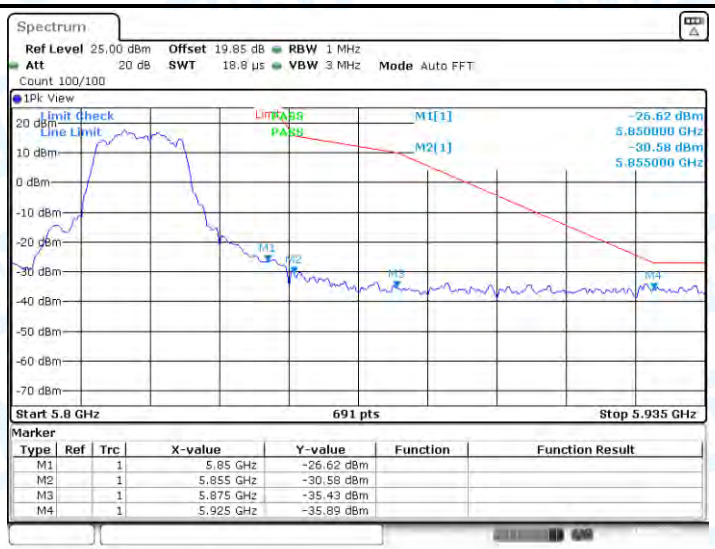
11AC20MIMO_Ant2_Low_5745_Peak



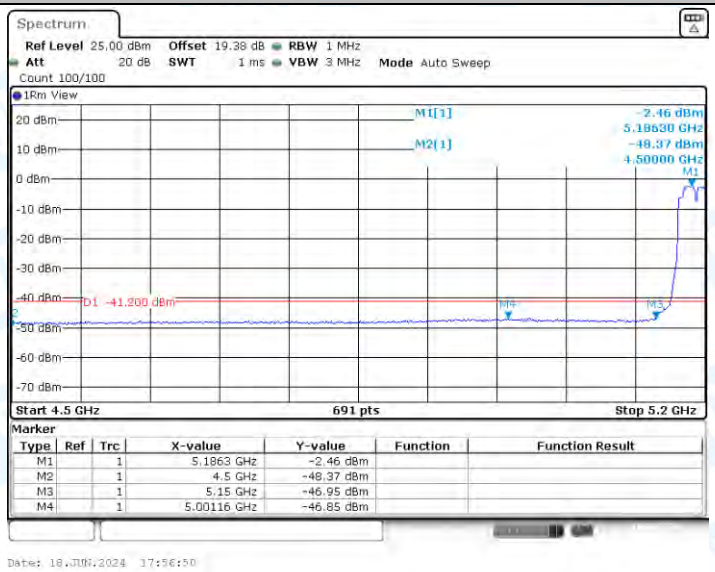
11AC20MIMO_Ant1_High_5825_Peak



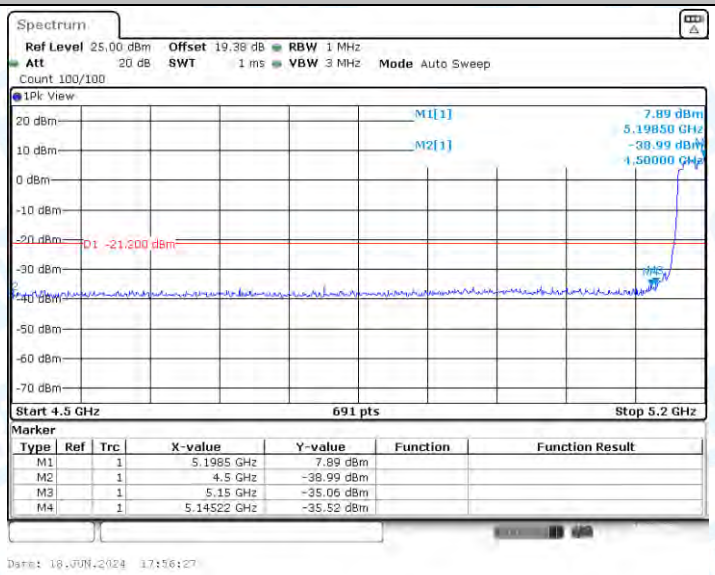
11AC20MIMO_Ant2_High_5825_Peak



11AC40MIMO_Ant1_Low_5190_AV



11AC40MIMO_Ant1_Low_5190_Peak



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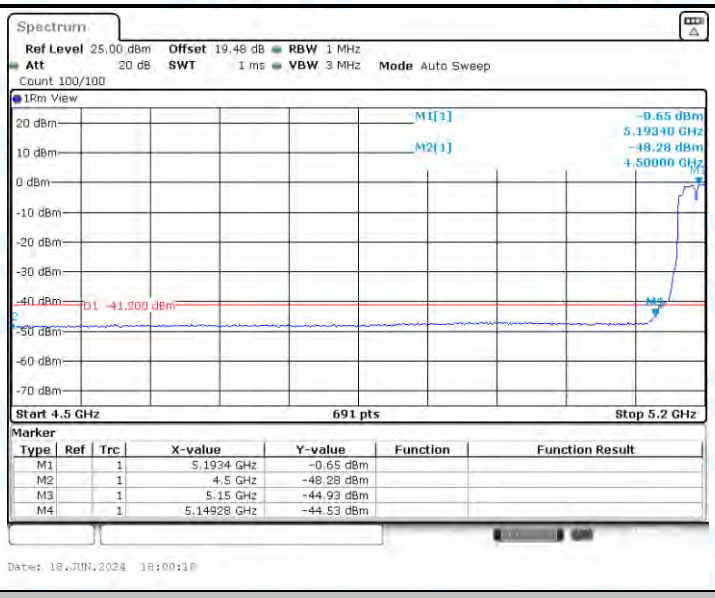
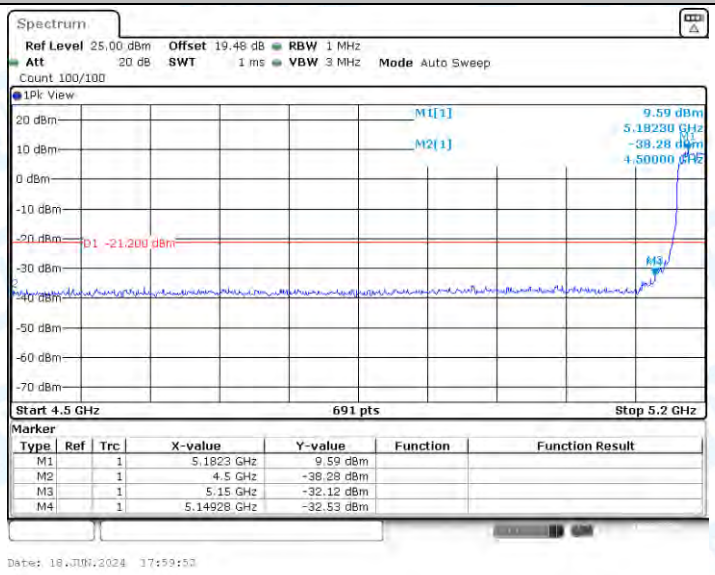
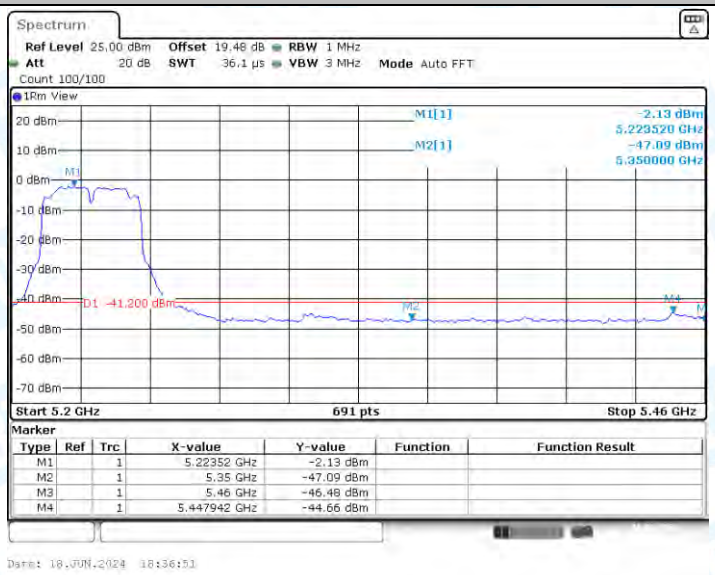


11AC40MIMO_Ant2_Low_5190_Peak



11AC40MIMO_Ant1_High_5230_AV



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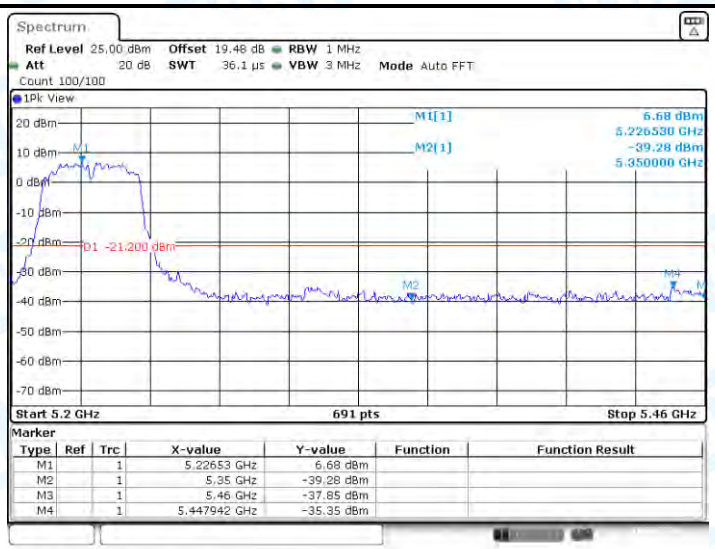

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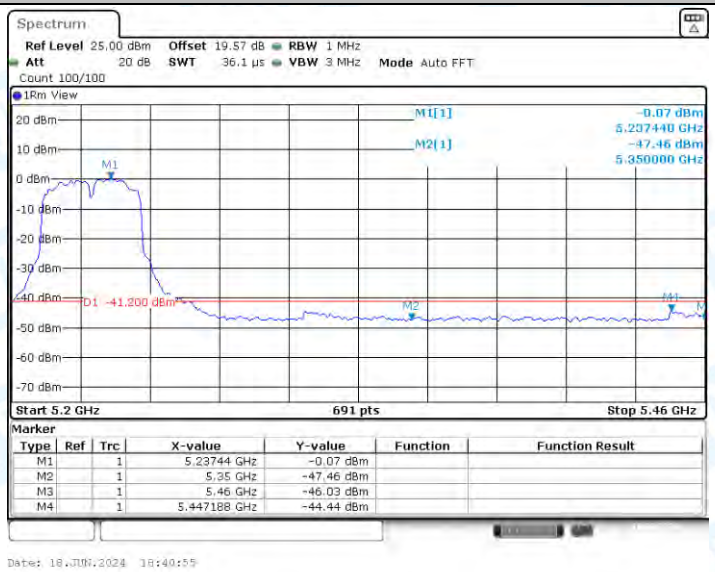

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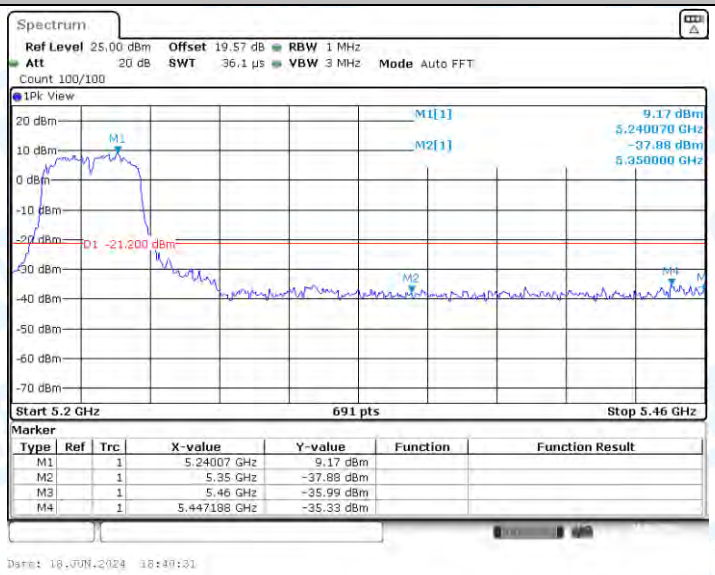
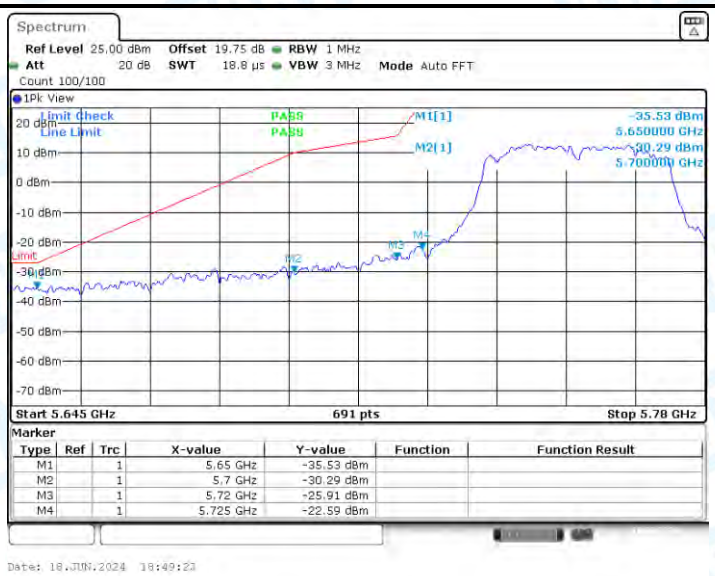


11AC40MIMO_Ant1_Low_5755_Peak



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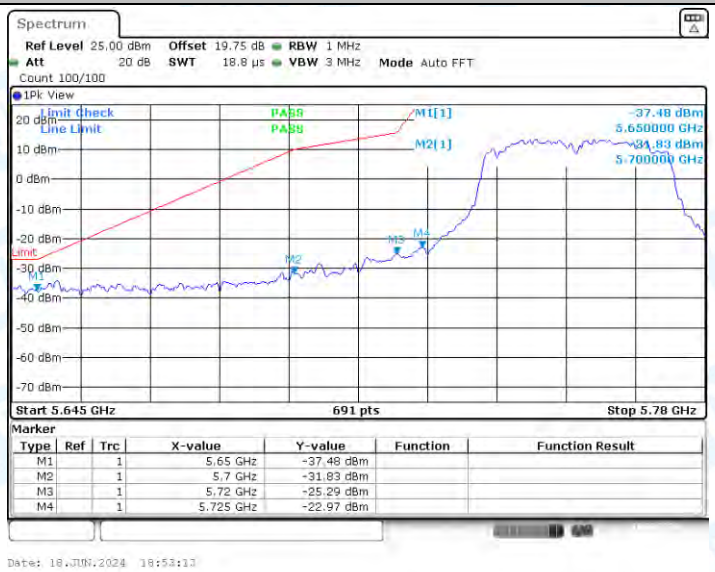
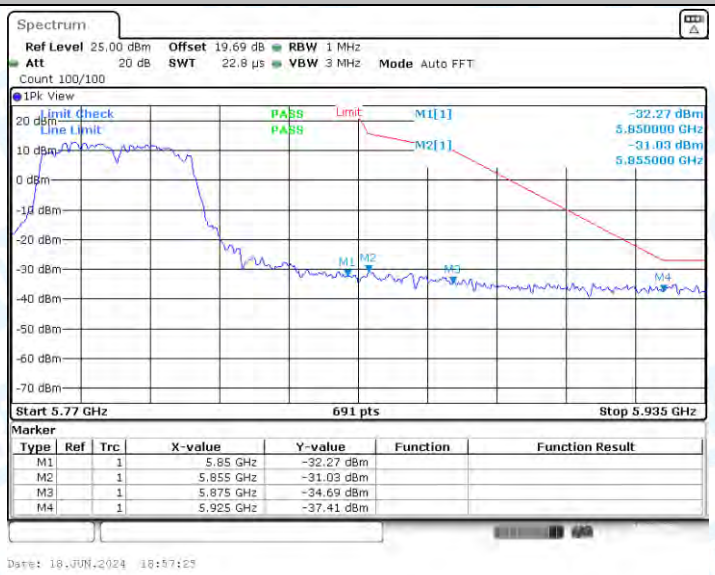


11AC40MIMO_Ant1_High_5795_Peak



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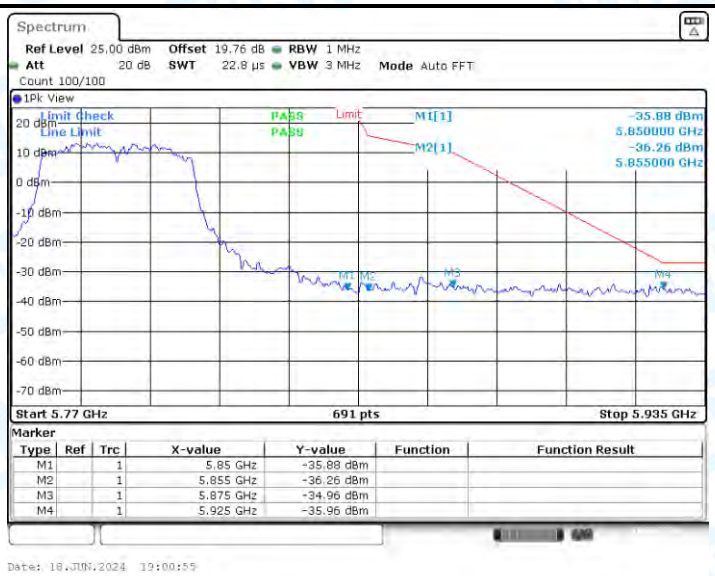
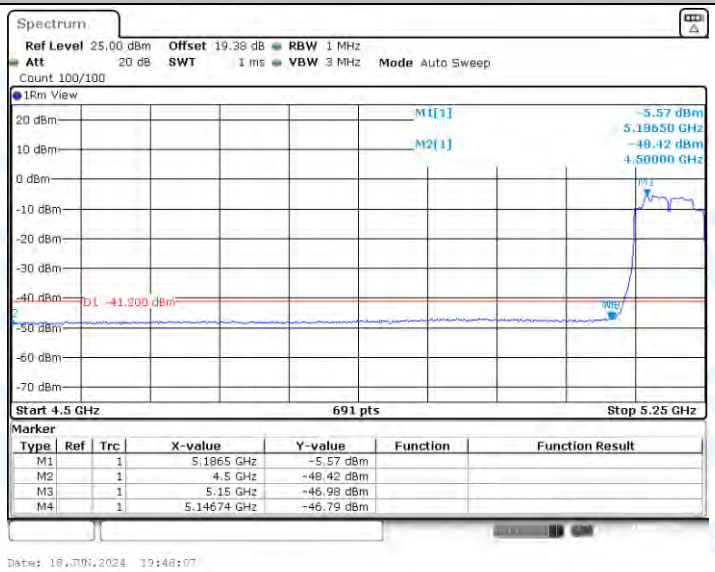


11AC80MIMO_Ant1_Low_5210_AV



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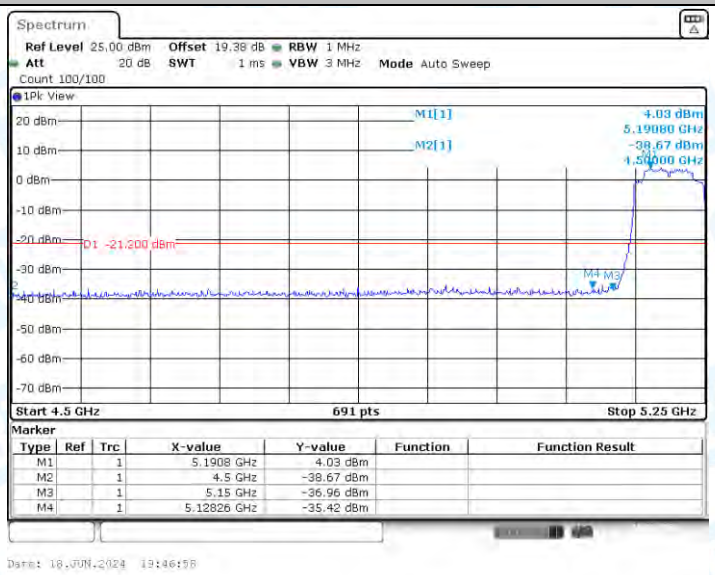

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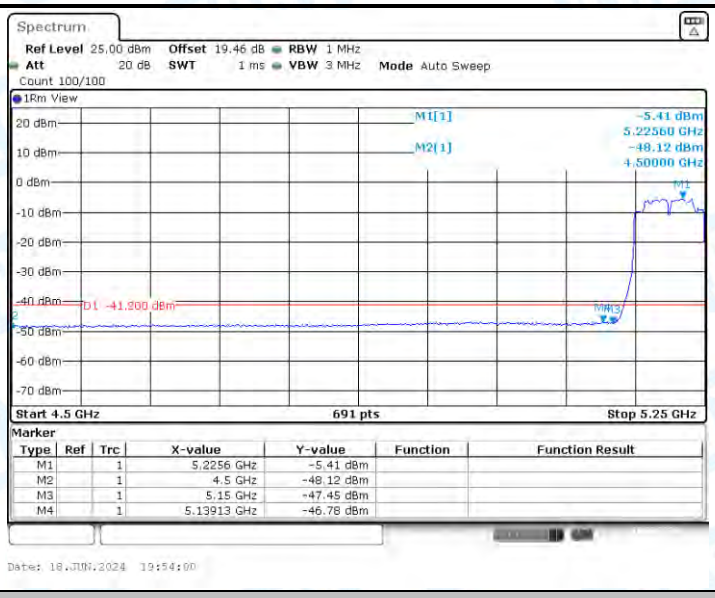

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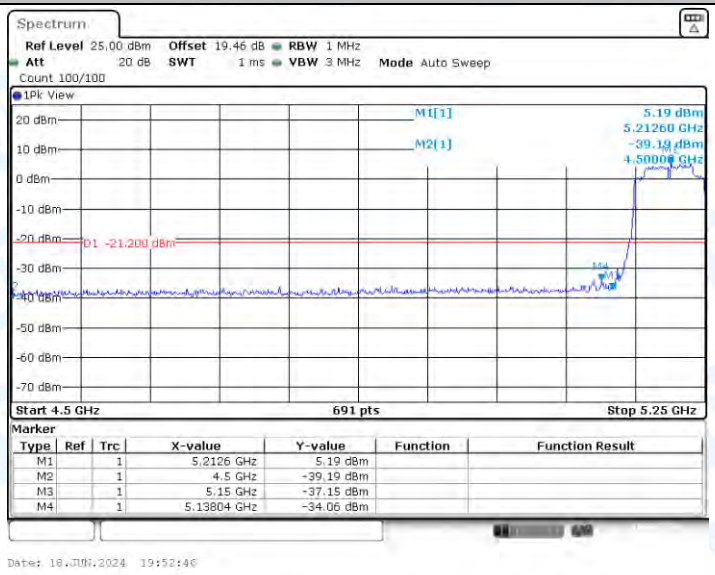

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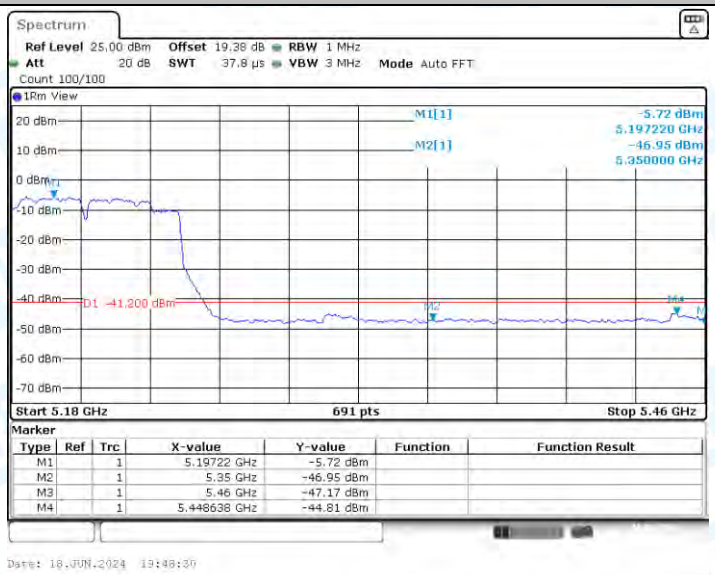
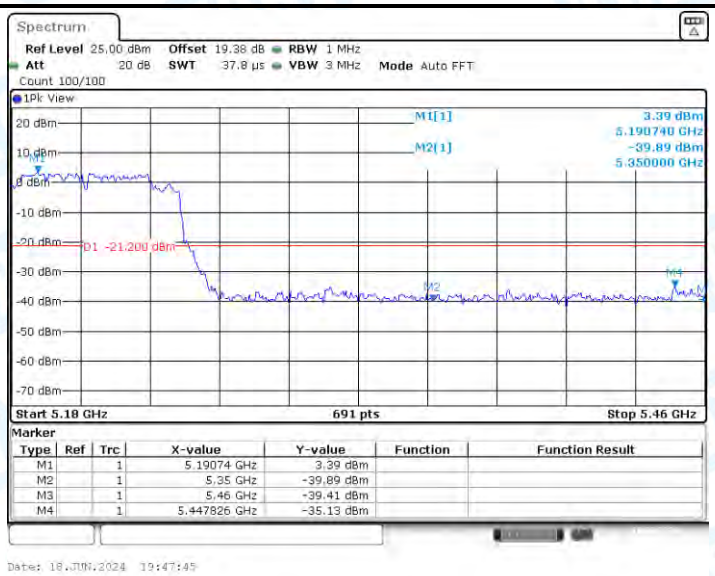


11AC80MIMO_Ant1_High_5210_Peak



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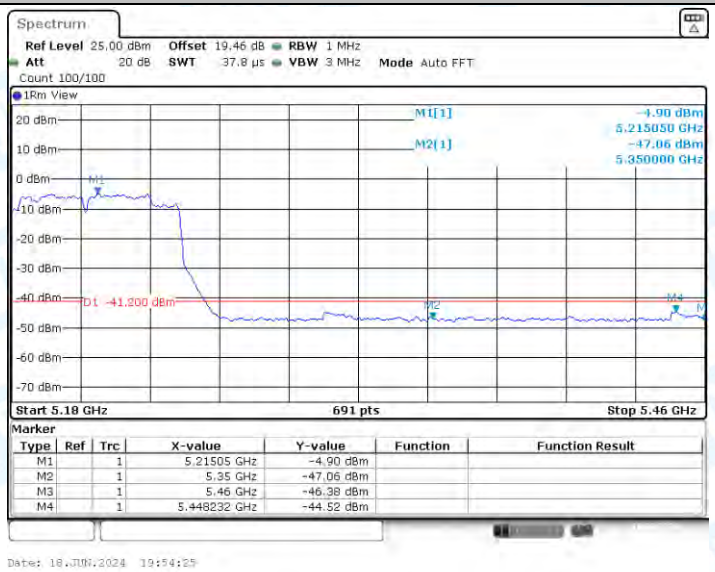

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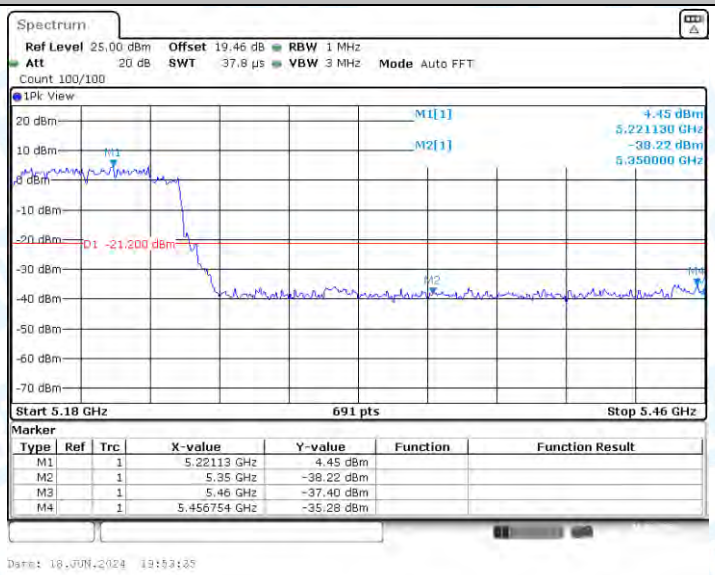
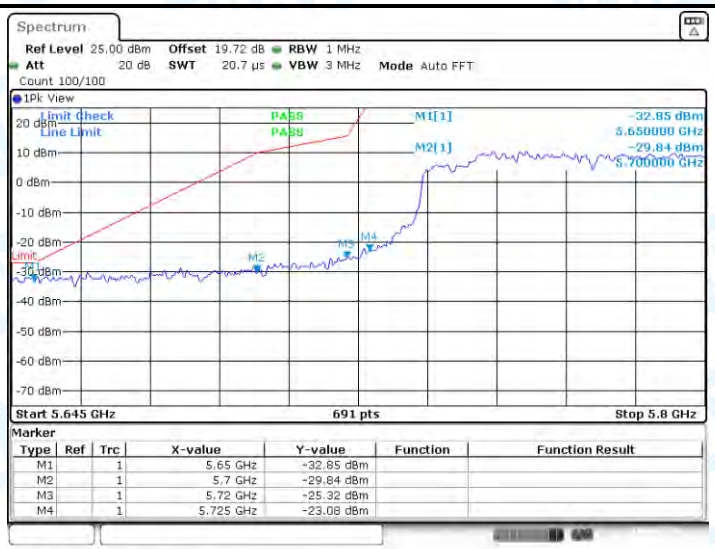


11AC80MIMO_Ant1_Low_5775_Peak



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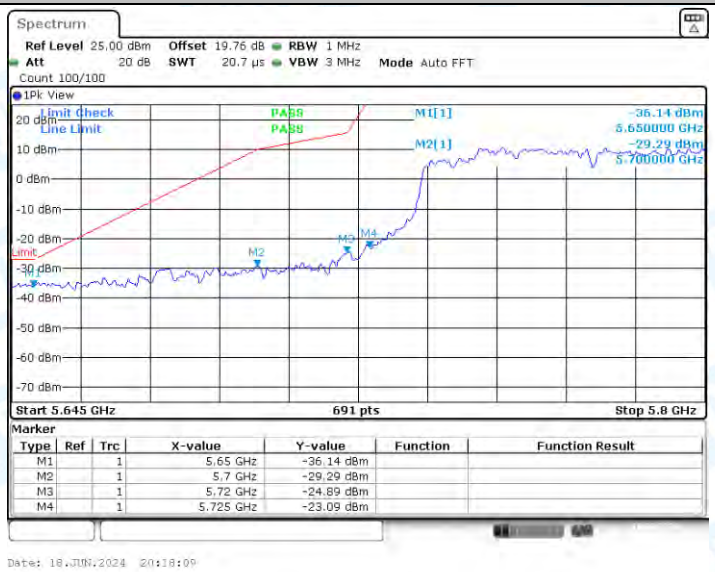
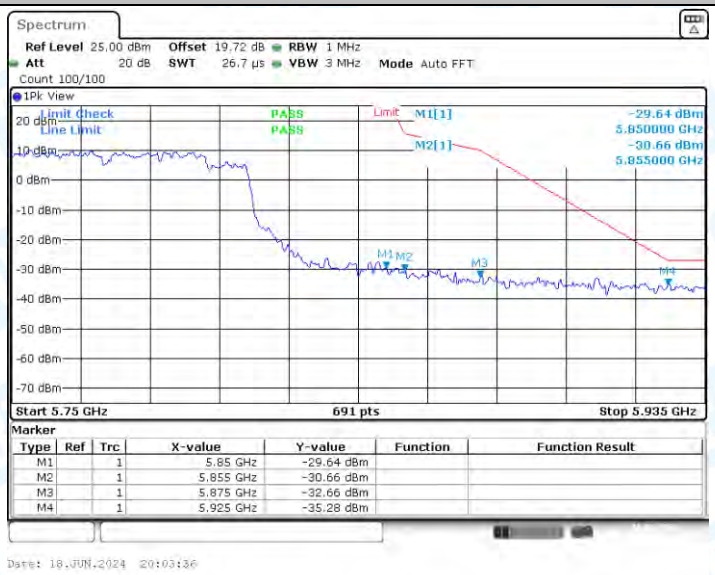
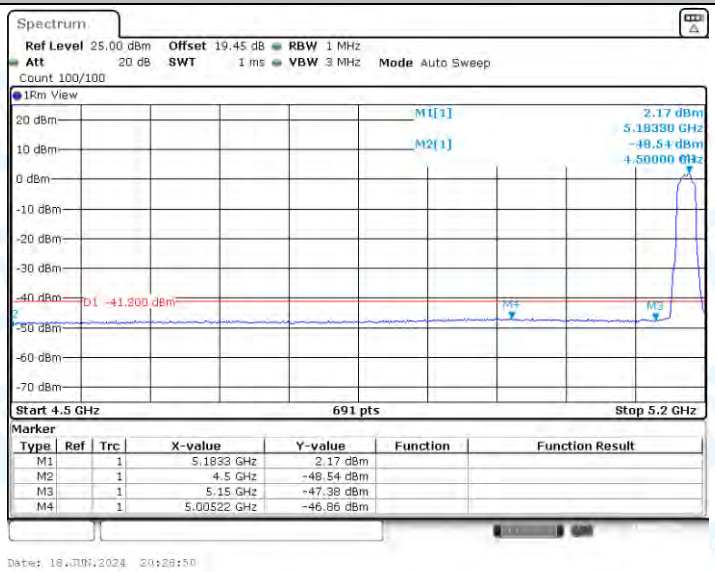


11AC80MIMO_Ant1_High_5775_Peak

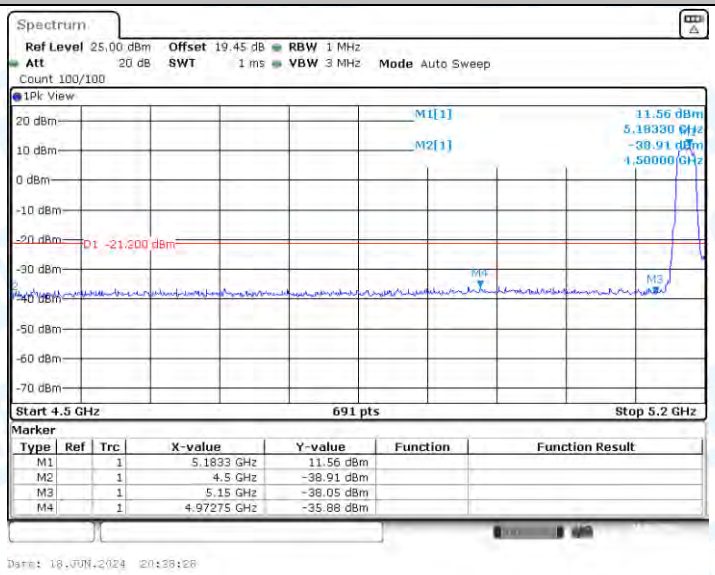


11AC80MIMO_Ant2_High_5775_Peak

11AX20MIMO_Ant1_Low_5180_AV



11AX20MIMO_Ant1_Low_5180_Peak



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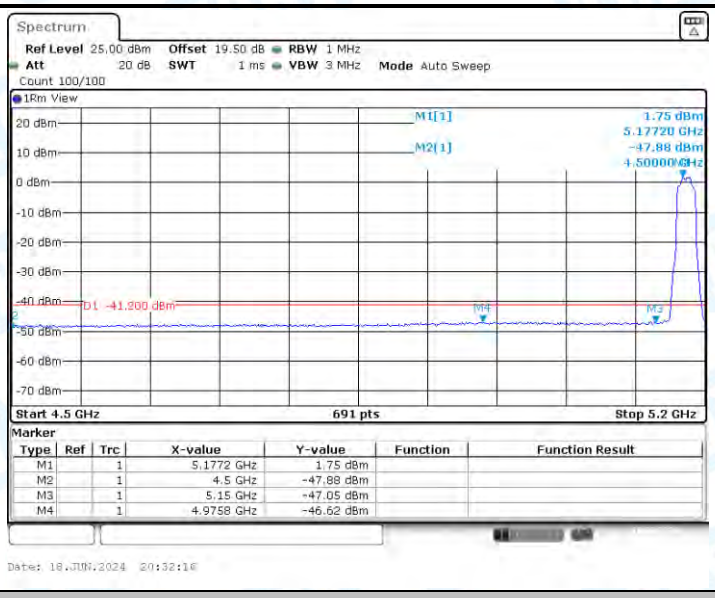
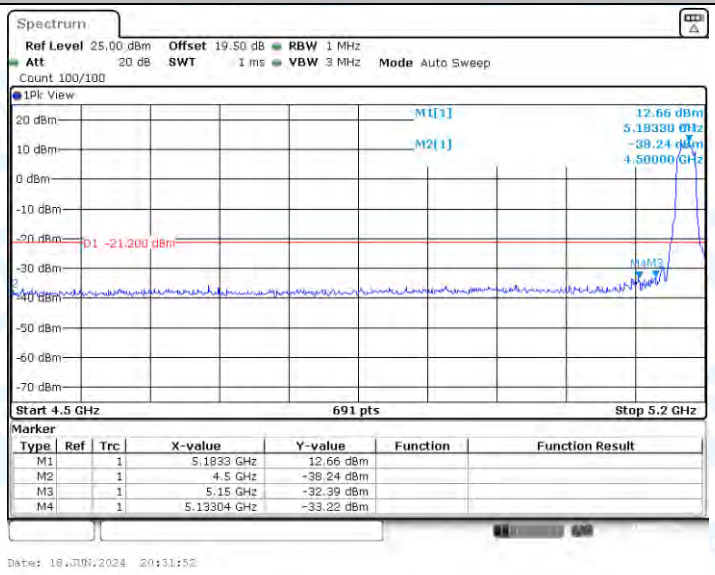
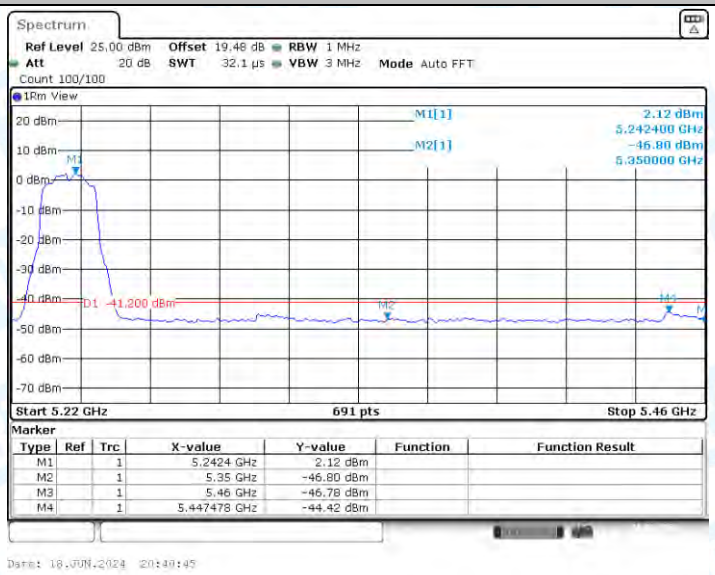


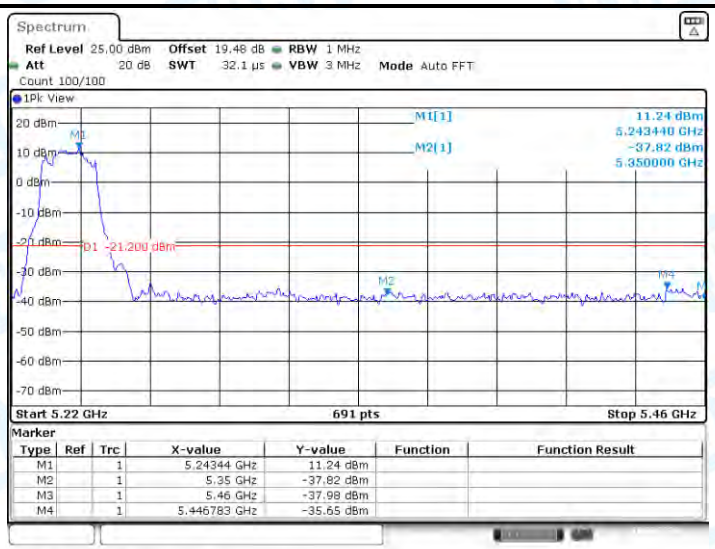
11AX20MIMO_Ant2_Low_5180_Peak



11AX20MIMO_Ant1_High_5240_AV



11AX20MIMO_Ant1_High_5240_Peak



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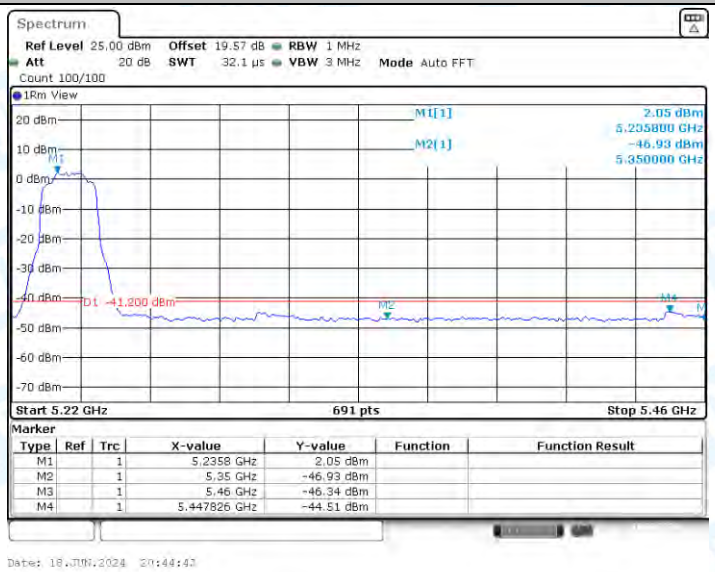

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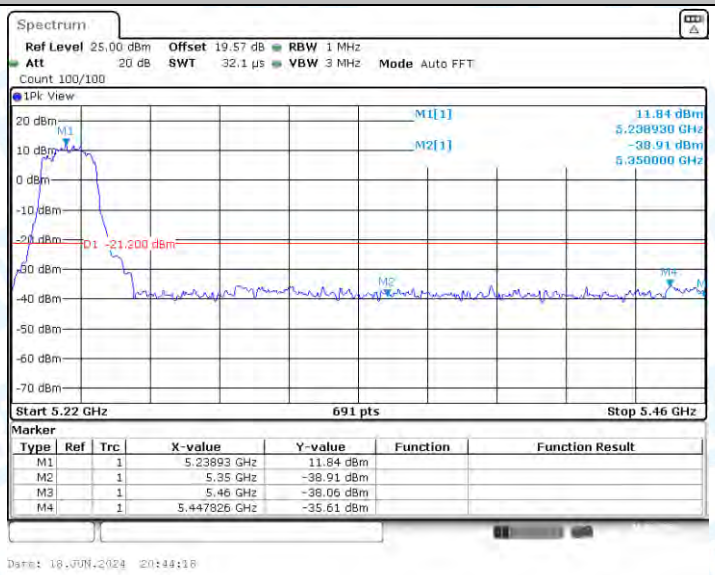
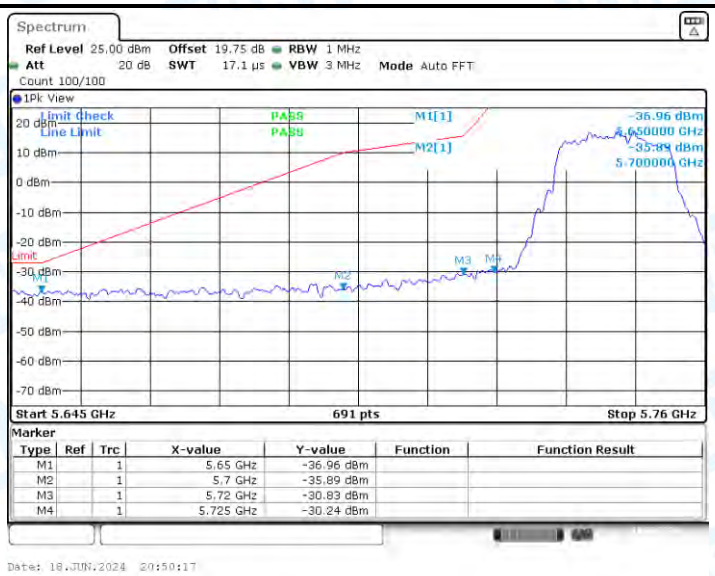
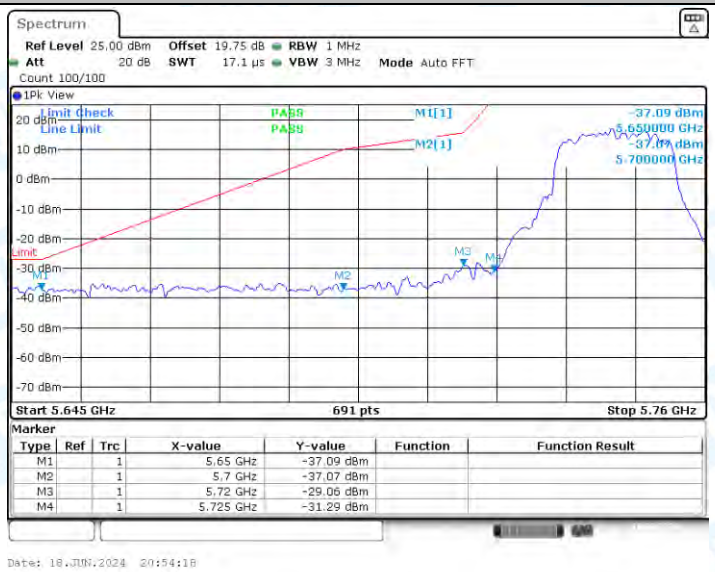


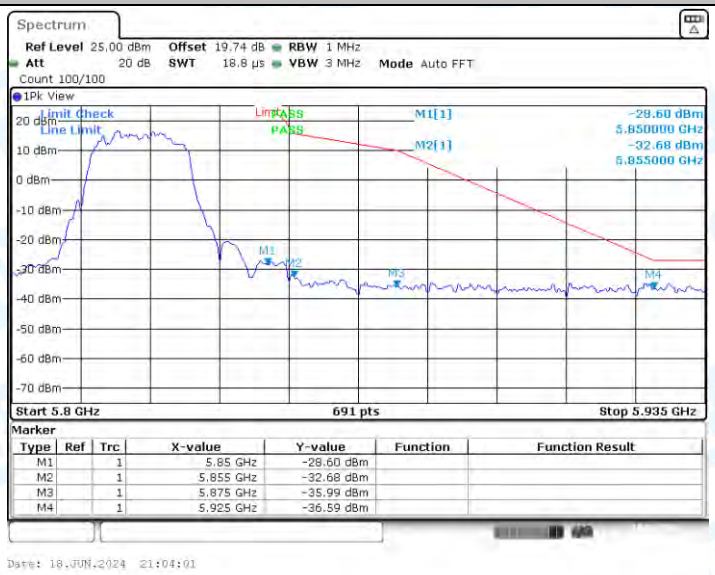
11AX20MIMO_Ant1_Low_5745_Peak



11AX20MIMO_Ant2_Low_5745_Peak



11AX20MIMO_Ant1_High_5825_Peak



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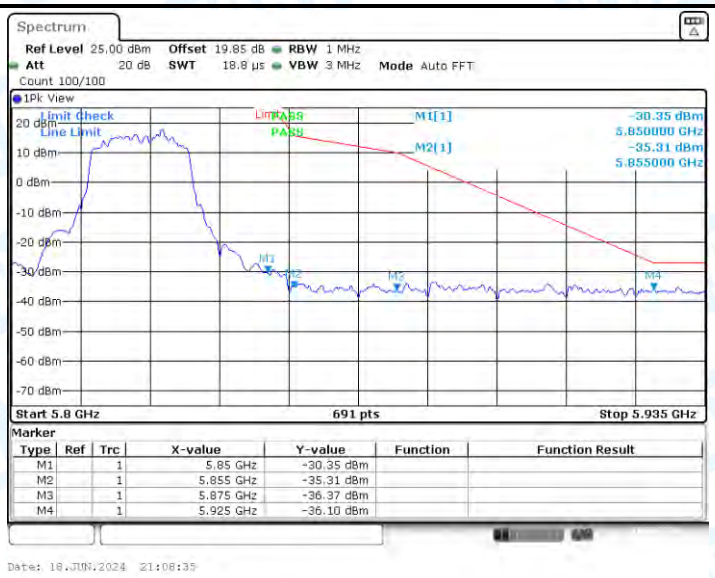

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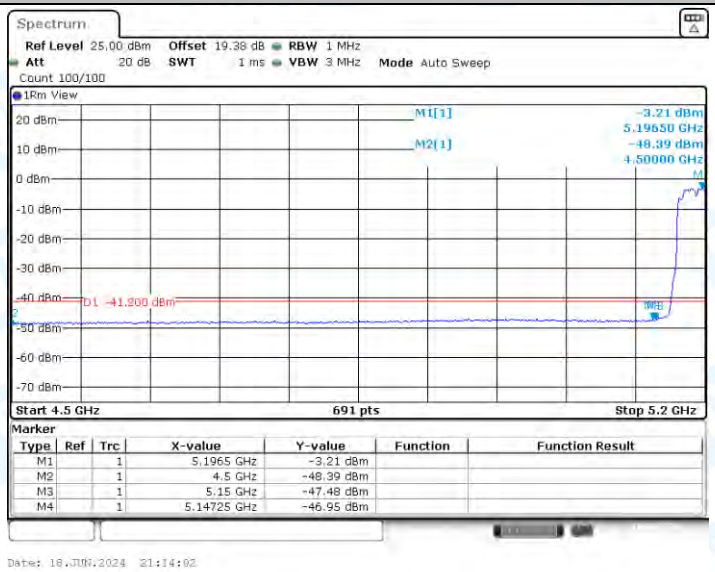
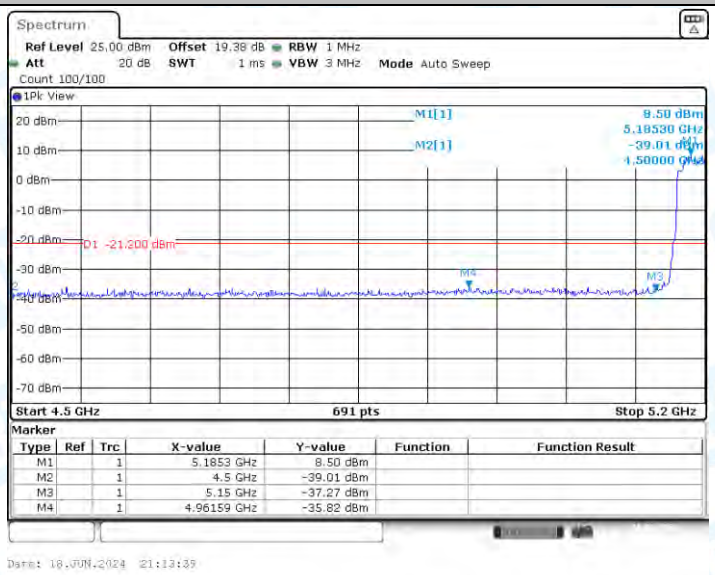
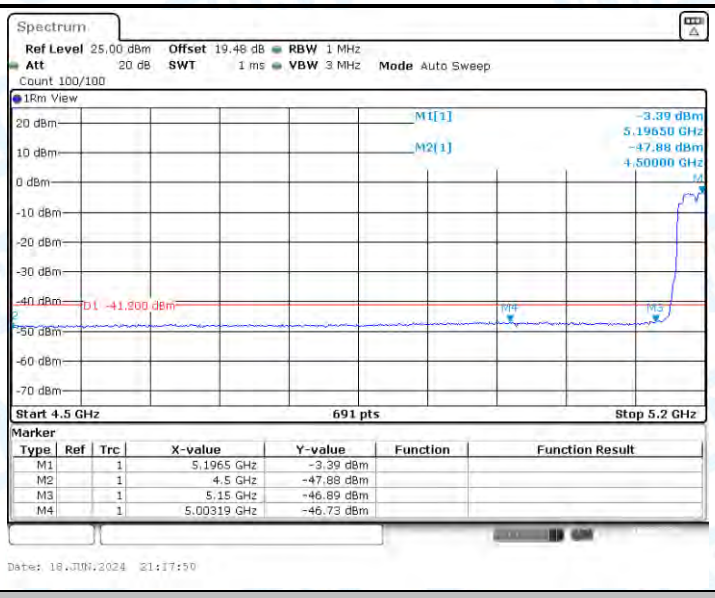


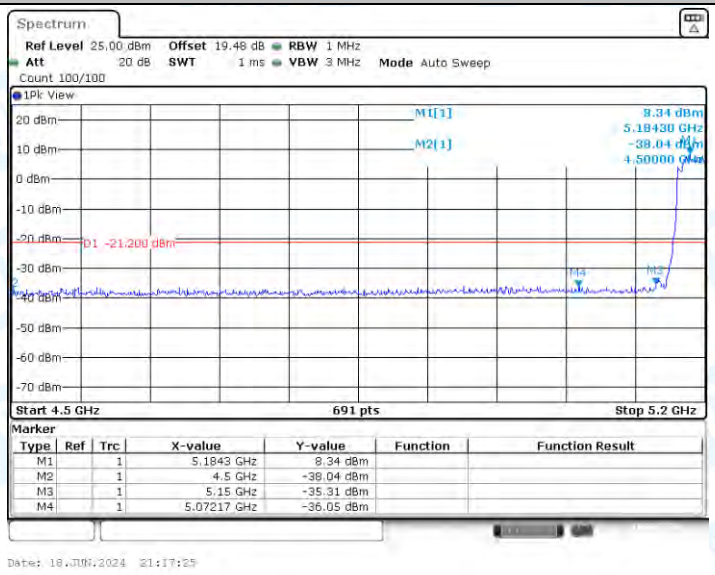
11AX40MIMO_Ant1_Low_5190_Peak



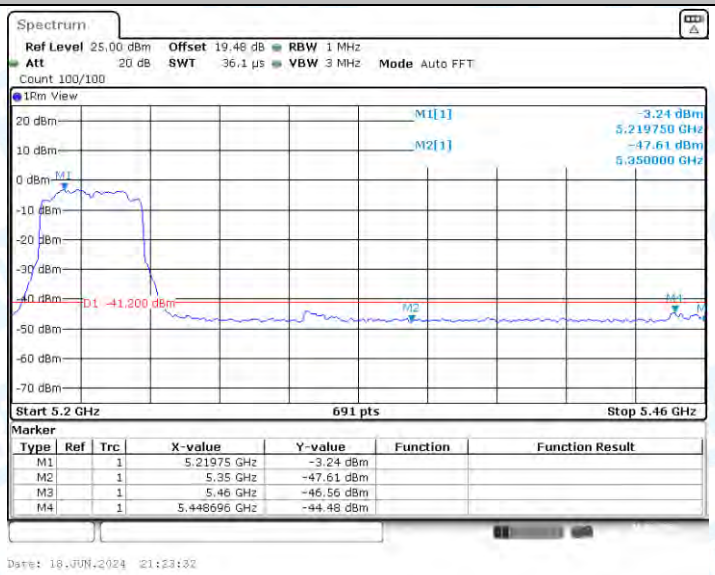
11AX40MIMO_Ant2_Low_5190_AV



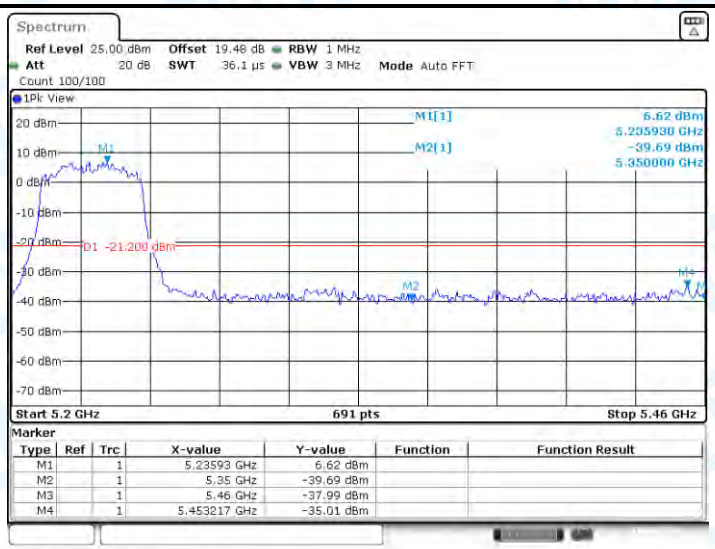
11AX40MIMO_Ant2_Low_5190_Peak



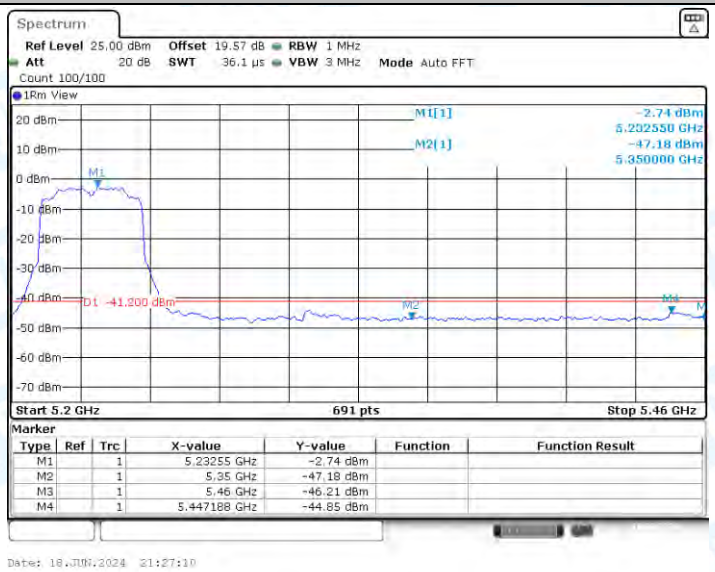
11AX40MIMO_Ant1_High_5230_AV



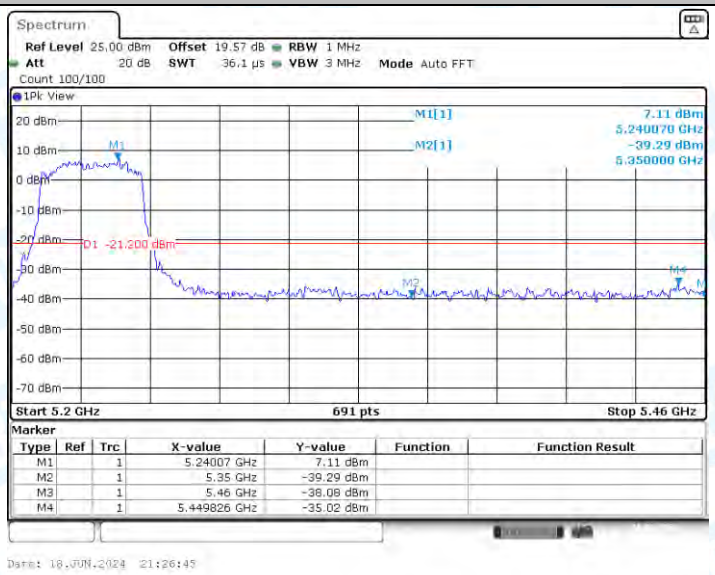
11AX40MIMO_Ant1_High_5230_Peak



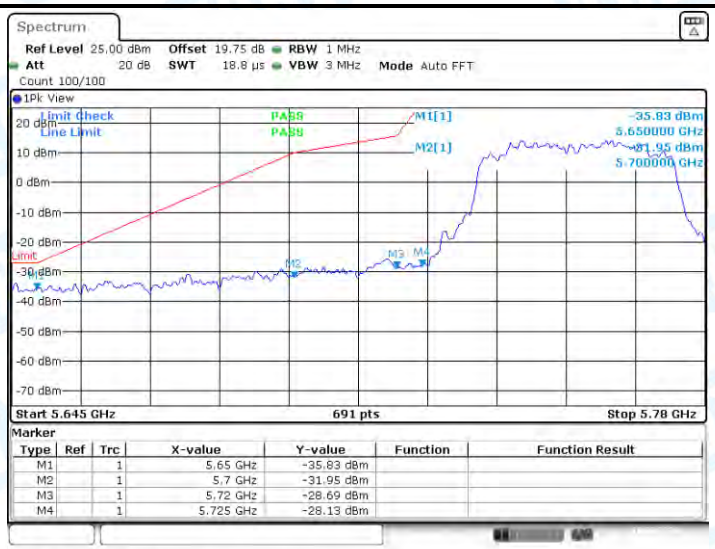
11AX40MIMO_Ant2_High_5230_AV



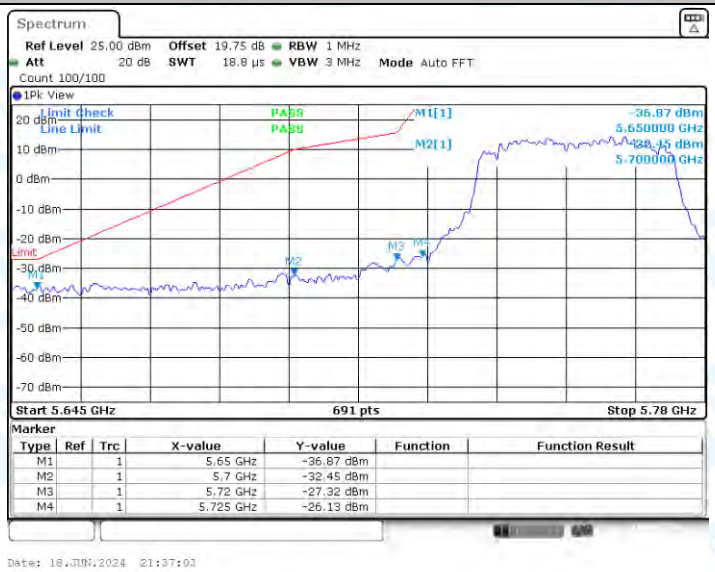
11AX40MIMO_Ant2_High_5230_Peak



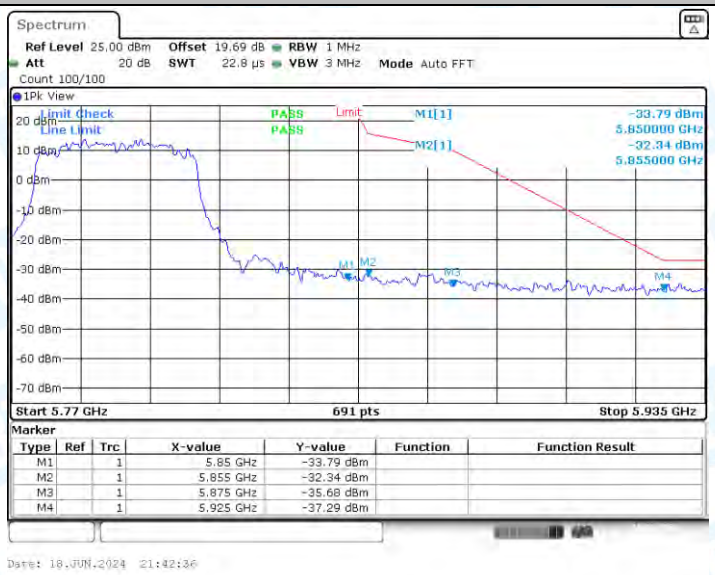
11AX40MIMO_Ant1_Low_5755_Peak



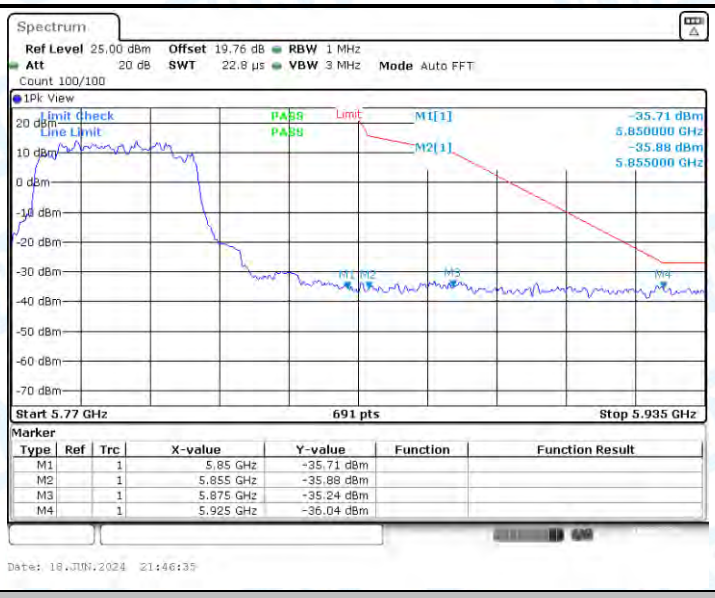
11AX40MIMO_Ant2_Low_5755_Peak



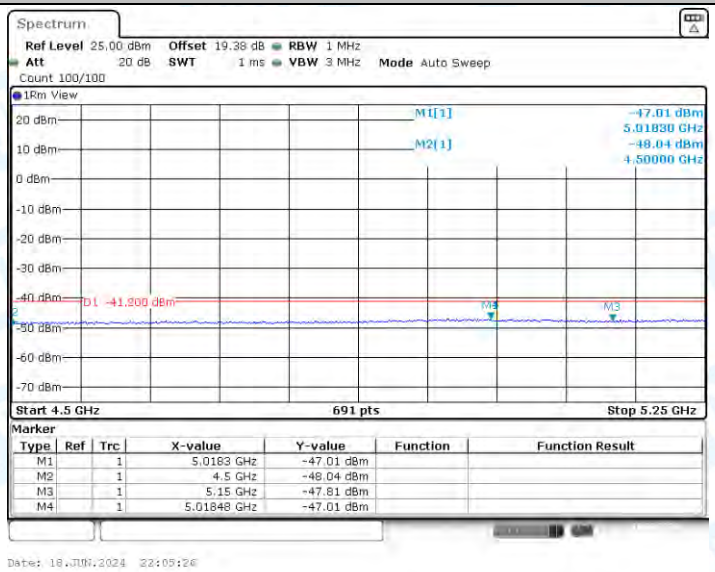
11AX40MIMO_Ant1_High_5795_Peak



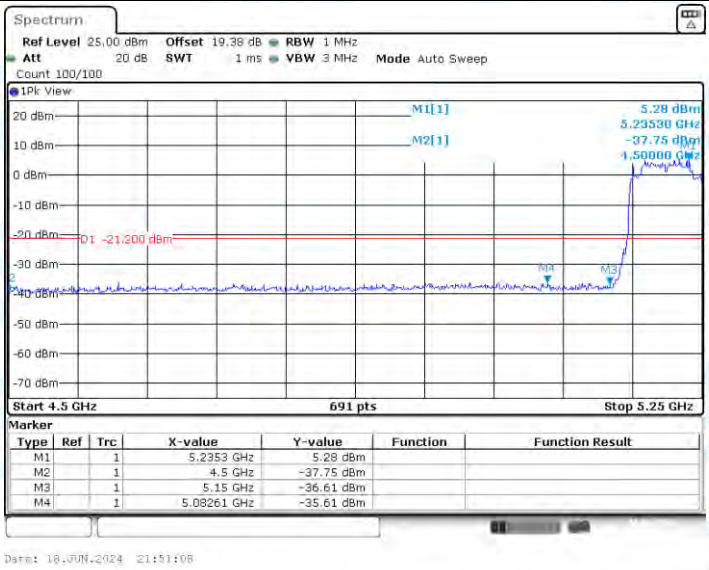
11AX40MIMO_Ant2_High_5795_Peak



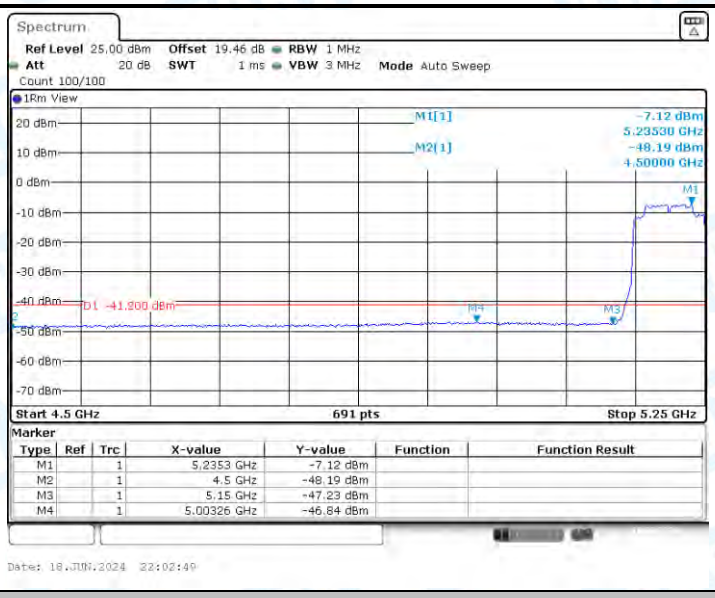
11AX80MIMO_Ant1_Low_5210_AV



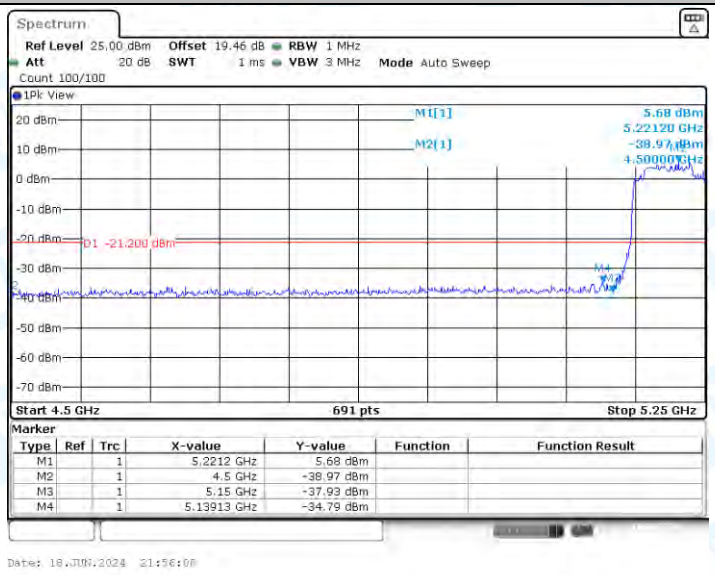
11AX80MIMO_Ant1_Low_5210_Peak



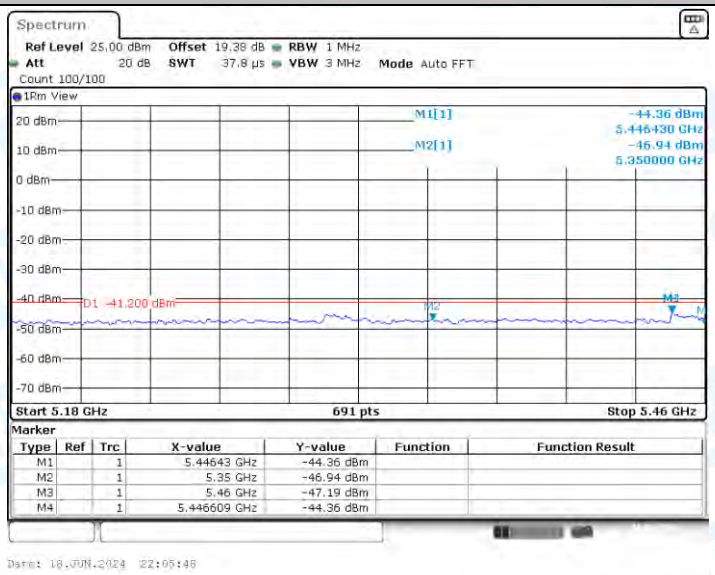
11AX80MIMO_Ant2_Low_5210_AV



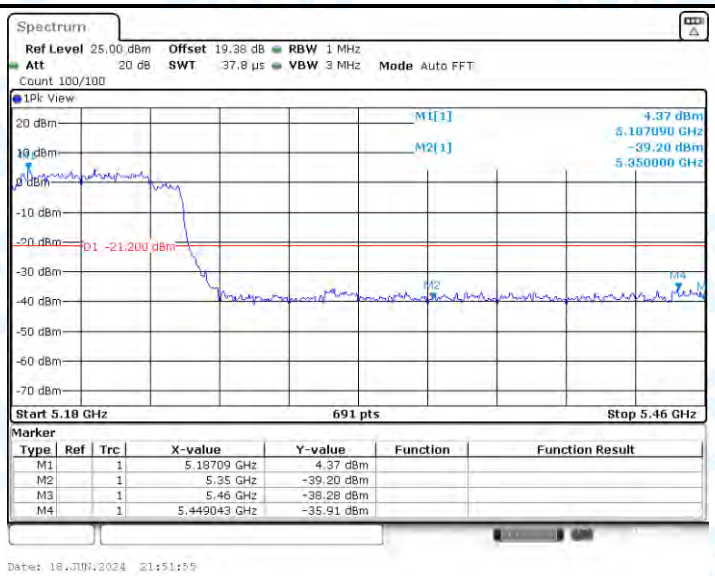
11AX80MIMO_Ant2_Low_5210_Peak



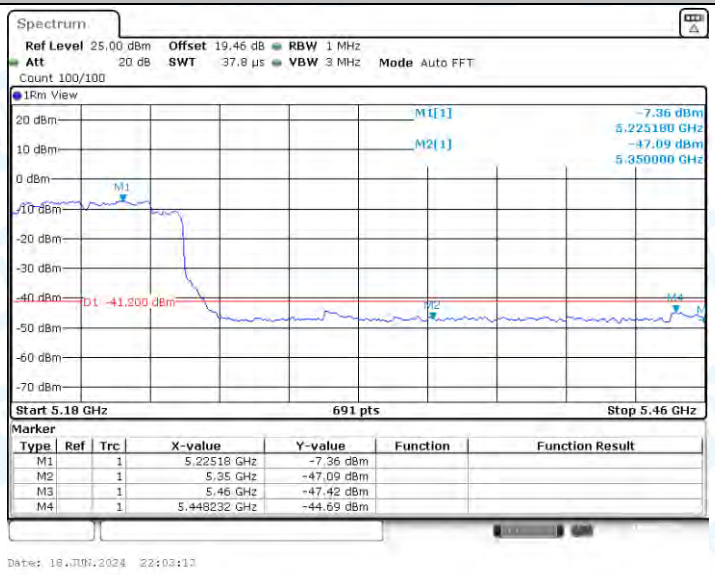
11AX80MIMO_Ant1_High_5210_AV



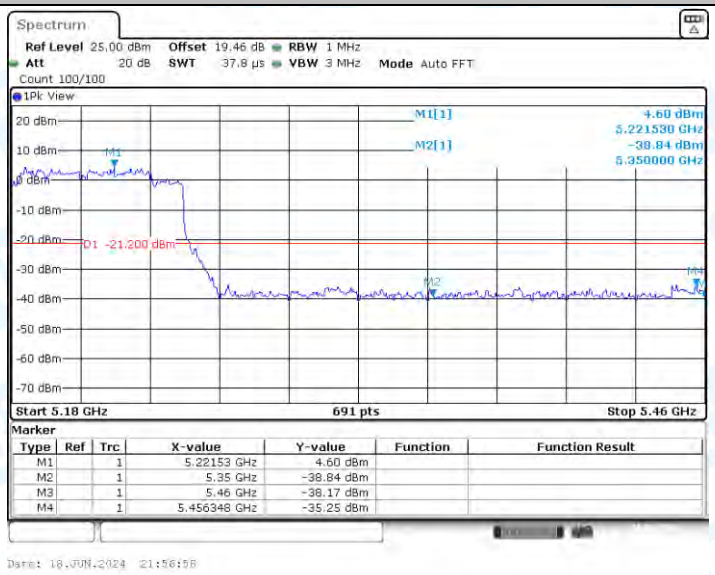
11AX80MIMO_Ant1_High_5210_Peak



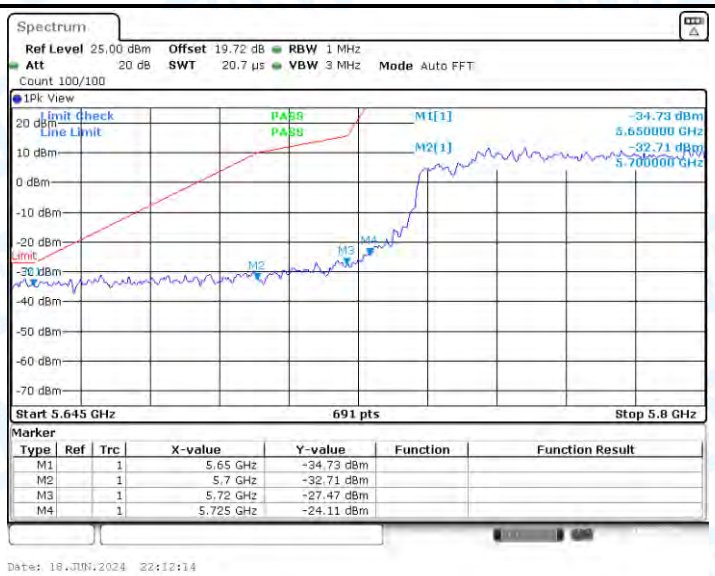
11AX80MIMO_Ant2_High_5210_AV



11AX80MIMO_Ant2_High_5210_Peak

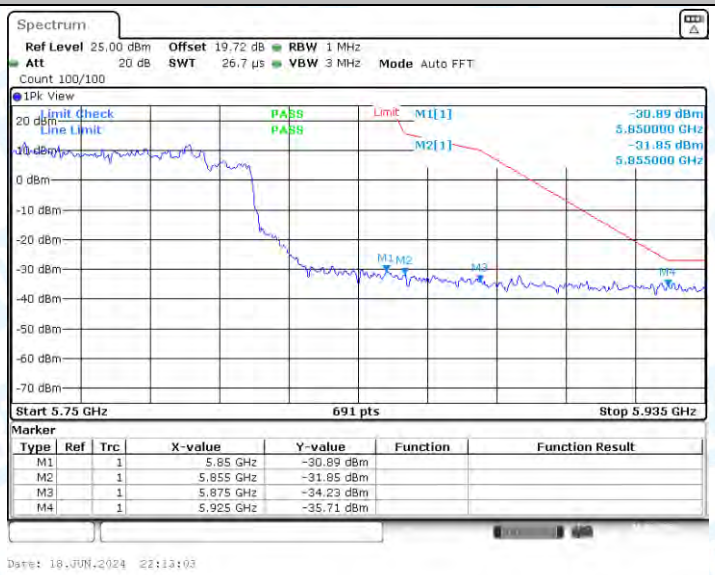


11AX80MIMO_Ant1_Low_5775_Peak

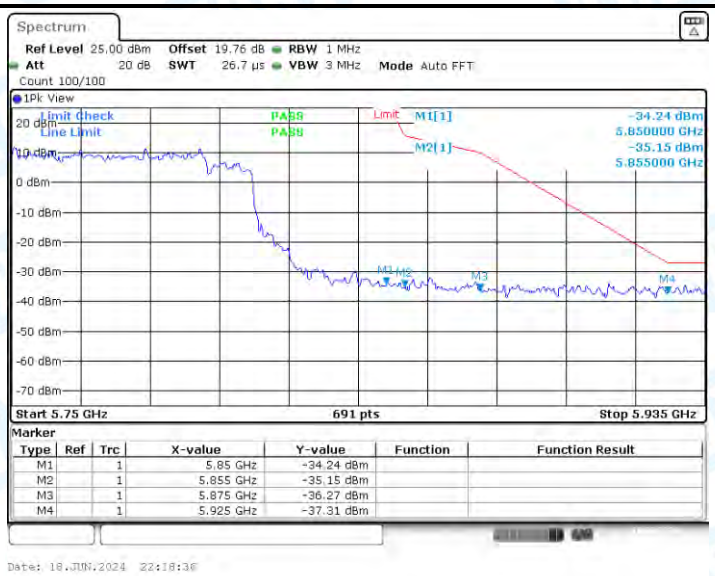


11AX80MIMO_Ant2_Low_5775_Peak

11AX80MIMO_Ant1_High_5775_Peak



11AX80MIMO_Ant2_High_5775_Peak


Spectrum
Ref Level 25.00 dBm Offset 19.76 dB RBW 1 MHz
Att 20 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] -34.24 dBm 5.850000 GHz
M2[1] -35.15 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 -34.24 dBm
M2 1 5.855 GHz -35.15 dBm
M3 1 5.875 GHz -36.27 dBm
M4 1 5.925 GHz -37.31 dBm
Date: 18.JUN.2024 22:18:36

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	509.67	-44.35	≤-27	PASS
			1000~40000	6701.8	-37.45	≤-27	PASS
	Ant2	5180	30~1000	896.26	-44.06	≤-27	PASS
			1000~40000	6938.4	-36.83	≤-27	PASS
	Ant1	5200	30~1000	860.11	-43.67	≤-27	PASS
			1000~40000	6935.8	-37.44	≤-27	PASS
	Ant2	5200	30~1000	860.37	-43.76	≤-27	PASS
			1000~40000	6969.6	-37.45	≤-27	PASS
	Ant1	5240	30~1000	965.23	-44.66	≤-27	PASS
			1000~40000	6918.9	-37.82	≤-27	PASS
	Ant2	5240	30~1000	888.24	-44.58	≤-27	PASS
			1000~40000	6885.1	-37.04	≤-27	PASS
	Ant1	5745	30~1000	895.91	-43.89	≤-27	PASS
			1000~40000	6509.4	-37.77	≤-27	PASS
	Ant2	5745	30~1000	867.75	-44.65	≤-27	PASS
			1000~40000	6935.8	-37.05	≤-27	PASS
	Ant1	5785	30~1000	959.47	-43.54	≤-27	PASS
			1000~40000	6792.8	-38.04	≤-27	PASS
	Ant2	5785	30~1000	708.32	-44.02	≤-27	PASS
			1000~40000	6978.7	-38	≤-27	PASS
	Ant1	5825	30~1000	859.92	-43.64	≤-27	PASS
			1000~40000	6960.5	-37.14	≤-27	PASS
	Ant2	5825	30~1000	933.51	-44.54	≤-27	PASS
			1000~40000	6920.2	-37.83	≤-27	PASS
11N20MIMO	Ant1	5180	30~1000	958.89	-44.07	≤-27	PASS
			1000~40000	6869.5	-37.65	≤-27	PASS
	Ant2	5180	30~1000	705.66	-44.29	≤-27	PASS
			1000~40000	6976.1	-37.64	≤-27	PASS
	Ant1	5200	30~1000	859.89	-43.87	≤-27	PASS
			1000~40000	6921.5	-37.8	≤-27	PASS
	Ant2	5200	30~1000	706.8	-44.57	≤-27	PASS
			1000~40000	6993	-36.96	≤-27	PASS
	Ant1	5240	30~1000	861.8	-45.16	≤-27	PASS
			1000~40000	6982.6	-38.11	≤-27	PASS
	Ant2	5240	30~1000	864.71	-45.33	≤-27	PASS
			1000~40000	6821.4	-36.47	≤-27	PASS
	Ant1	5745	30~1000	898.11	-44.39	≤-27	PASS
			1000~40000	5659.2	-35.21	≤-27	PASS
	Ant2	5745	30~1000	861.21	-44.68	≤-27	PASS

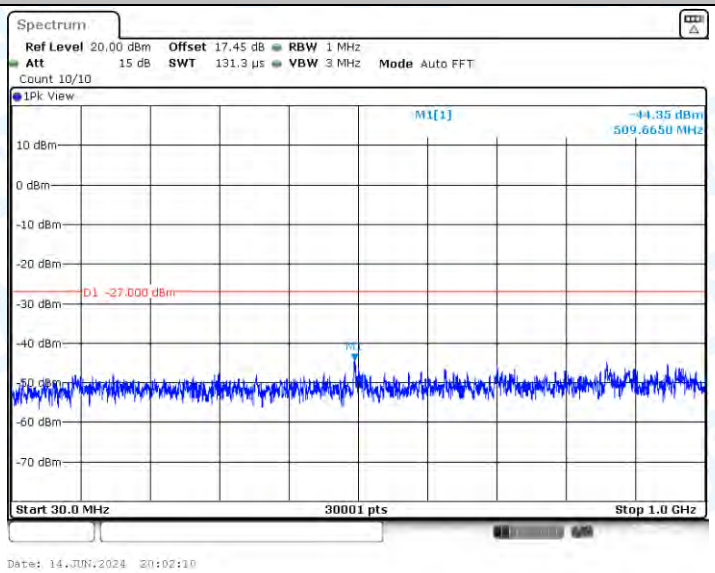
			1000~40000	6993	-37.6	≤-27	PASS
	Ant1	5785	30~1000	511.35	-45.93	≤-27	PASS
			1000~40000	6904.6	-37.78	≤-27	PASS
	Ant2	5785	30~1000	959.34	-43.95	≤-27	PASS
			1000~40000	6990.4	-37.82	≤-27	PASS
	Ant1	5825	30~1000	862.54	-43.79	≤-27	PASS
			1000~40000	6860.4	-38.64	≤-27	PASS
	Ant2	5825	30~1000	512.77	-44.7	≤-27	PASS
			1000~40000	6952.7	-38.06	≤-27	PASS
11N40MIMO	Ant1	5190	30~1000	864.19	-44.15	≤-27	PASS
			1000~40000	6939.7	-38.13	≤-27	PASS
	Ant2	5190	30~1000	892.38	-45.71	≤-27	PASS
			1000~40000	6859.1	-38.53	≤-27	PASS
	Ant1	5230	30~1000	710.22	-45.94	≤-27	PASS
			1000~40000	6829.2	-38.36	≤-27	PASS
	Ant2	5230	30~1000	861.44	-44.41	≤-27	PASS
			1000~40000	6948.8	-38.44	≤-27	PASS
	Ant1	5755	30~1000	707.73	-45.2	≤-27	PASS
			1000~40000	6790.2	-38.91	≤-27	PASS
	Ant2	5755	30~1000	967.01	-44.6	≤-27	PASS
			1000~40000	6879.9	-38.92	≤-27	PASS
	Ant1	5795	30~1000	707.25	-44.7	≤-27	PASS
			1000~40000	6985.2	-39.04	≤-27	PASS
	Ant2	5795	30~1000	960.86	-44.9	≤-27	PASS
			1000~40000	6788.9	-38.84	≤-27	PASS
11AC20MIMO	Ant1	5180	30~1000	861.18	-45.59	≤-27	PASS
			1000~40000	6980	-38.33	≤-27	PASS
	Ant2	5180	30~1000	959.02	-45.94	≤-27	PASS
			1000~40000	6973.5	-38.65	≤-27	PASS
	Ant1	5200	30~1000	964.19	-45.38	≤-27	PASS
			1000~40000	6873.4	-38.8	≤-27	PASS
	Ant2	5200	30~1000	898.53	-45.55	≤-27	PASS
			1000~40000	6898.1	-38.01	≤-27	PASS
	Ant1	5240	30~1000	859.92	-46.07	≤-27	PASS
			1000~40000	6986.5	-38.31	≤-27	PASS
	Ant2	5240	30~1000	866.61	-44.28	≤-27	PASS
			1000~40000	6912.4	-37.8	≤-27	PASS
	Ant1	5745	30~1000	707.54	-45.21	≤-27	PASS
			1000~40000	6943.6	-38.67	≤-27	PASS
	Ant2	5745	30~1000	861.63	-45.44	≤-27	PASS
			1000~40000	6882.5	-38.19	≤-27	PASS
	Ant1	5785	30~1000	860.05	-44.78	≤-27	PASS
			1000~40000	6944.9	-38.77	≤-27	PASS
	Ant2	5785	30~1000	862.22	-44.83	≤-27	PASS
			1000~40000	6983.9	-37.76	≤-27	PASS

	Ant1	5825	30~1000	705.66	-43.94	≤-27	PASS
			1000~40000	6798	-38.64	≤-27	PASS
	Ant2	5825	30~1000	862.67	-44.35	≤-27	PASS
			1000~40000	6131.1	-38.28	≤-27	PASS
11AC40MIMO	Ant1	5190	30~1000	864.84	-45.48	≤-27	PASS
			1000~40000	6925.4	-38.06	≤-27	PASS
	Ant2	5190	30~1000	890.02	-46.07	≤-27	PASS
			1000~40000	6900.7	-37.83	≤-27	PASS
	Ant1	5230	30~1000	891.7	-44.72	≤-27	PASS
			1000~40000	6878.6	-37.33	≤-27	PASS
	Ant2	5230	30~1000	960.12	-44.11	≤-27	PASS
			1000~40000	6921.5	-38.23	≤-27	PASS
	Ant1	5755	30~1000	861.21	-45.06	≤-27	PASS
			1000~40000	38914.5	-39.1	≤-27	PASS
	Ant2	5755	30~1000	888.54	-45.57	≤-27	PASS
			1000~40000	6965.7	-38.3	≤-27	PASS
	Ant1	5795	30~1000	965.26	-43.97	≤-27	PASS
			1000~40000	6935.8	-38.81	≤-27	PASS
	Ant2	5795	30~1000	861.34	-45.23	≤-27	PASS
			1000~40000	6996.9	-37.55	≤-27	PASS
11AC80MIMO	Ant1	5210	30~1000	893.19	-45.08	≤-27	PASS
			1000~40000	6976.1	-38.2	≤-27	PASS
	Ant2	5210	30~1000	864.84	-44.5	≤-27	PASS
			1000~40000	6991.7	-38.52	≤-27	PASS
	Ant1	5775	30~1000	889.86	-44.66	≤-27	PASS
			1000~40000	6905.9	-37.72	≤-27	PASS
	Ant2	5775	30~1000	862.05	-44.43	≤-27	PASS
			1000~40000	6969.6	-38.7	≤-27	PASS
11AX20MIMO	Ant1	5180	30~1000	967.98	-45.39	≤-27	PASS
			1000~40000	39950.6	-38.42	≤-27	PASS
	Ant2	5180	30~1000	864.58	-44.71	≤-27	PASS
			1000~40000	6974.8	-38.03	≤-27	PASS
	Ant1	5200	30~1000	863.28	-44.1	≤-27	PASS
			1000~40000	6885.1	-38.46	≤-27	PASS
	Ant2	5200	30~1000	890.47	-46	≤-27	PASS
			1000~40000	6983.9	-38.4	≤-27	PASS
	Ant1	5240	30~1000	961.51	-44.85	≤-27	PASS
			1000~40000	6885.1	-36.88	≤-27	PASS
	Ant2	5240	30~1000	959.7	-45.22	≤-27	PASS
			1000~40000	6969.6	-37.85	≤-27	PASS
	Ant1	5745	30~1000	706.38	-44.93	≤-27	PASS
			1000~40000	6994.3	-37.53	≤-27	PASS
	Ant2	5745	30~1000	959.38	-44.92	≤-27	PASS
			1000~40000	6916.3	-38.96	≤-27	PASS
	Ant1	5785	30~1000	891.8	-44.9	≤-27	PASS

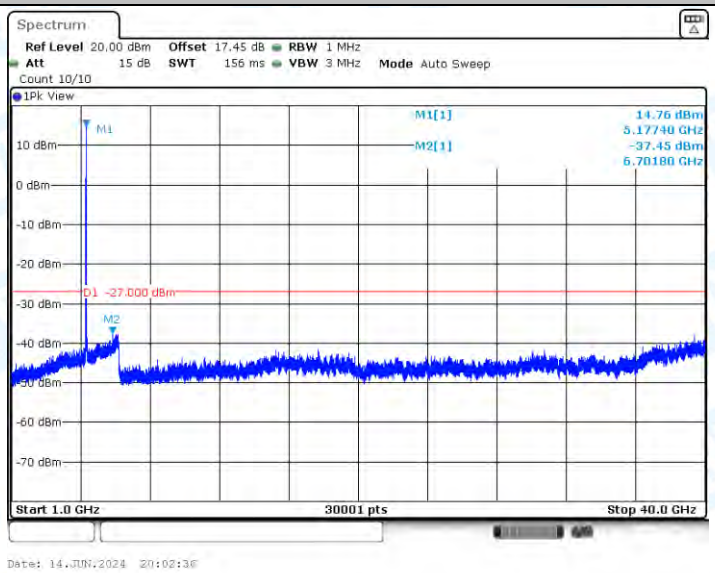
			1000~40000	6977.4	-38.31	≤-27	PASS
	Ant2	5785	30~1000	706.92	-45.2	≤-27	PASS
			1000~40000	6993	-37.5	≤-27	PASS
	Ant1	5825	30~1000	862.18	-44.35	≤-27	PASS
			1000~40000	6937.1	-38.2	≤-27	PASS
	Ant2	5825	30~1000	115.7	-45.22	≤-27	PASS
			1000~40000	6982.6	-38.22	≤-27	PASS
11AX40MIMO	Ant1	5190	30~1000	889.54	-45.13	≤-27	PASS
			1000~40000	6996.9	-38.47	≤-27	PASS
	Ant2	5190	30~1000	962.51	-45.43	≤-27	PASS
			1000~40000	6943.6	-37.92	≤-27	PASS
	Ant1	5230	30~1000	890.64	-44.73	≤-27	PASS
			1000~40000	6951.4	-37.97	≤-27	PASS
	Ant2	5230	30~1000	862.15	-44.78	≤-27	PASS
			1000~40000	6989.1	-37.9	≤-27	PASS
	Ant1	5755	30~1000	888.6	-46.02	≤-27	PASS
			1000~40000	6989.1	-37.64	≤-27	PASS
	Ant2	5755	30~1000	958.76	-45.25	≤-27	PASS
			1000~40000	6982.6	-38.28	≤-27	PASS
	Ant1	5795	30~1000	959.25	-44.26	≤-27	PASS
			1000~40000	6994.3	-37.4	≤-27	PASS
	Ant2	5795	30~1000	959.41	-44.1	≤-27	PASS
			1000~40000	39708.8	-38.38	≤-27	PASS
11AX80MIMO	Ant1	5210	30~1000	708.44	-46.26	≤-27	PASS
			1000~40000	6837	-37.86	≤-27	PASS
	Ant2	5210	30~1000	862.15	-43.96	≤-27	PASS
			1000~40000	6889	-38.33	≤-27	PASS
	Ant1	5775	30~1000	890.28	-43.91	≤-27	PASS
			1000~40000	6983.9	-38.19	≤-27	PASS
	Ant2	5775	30~1000	866.03	-45.59	≤-27	PASS
			1000~40000	6876	-38.5	≤-27	PASS

8.2.Test Graphs

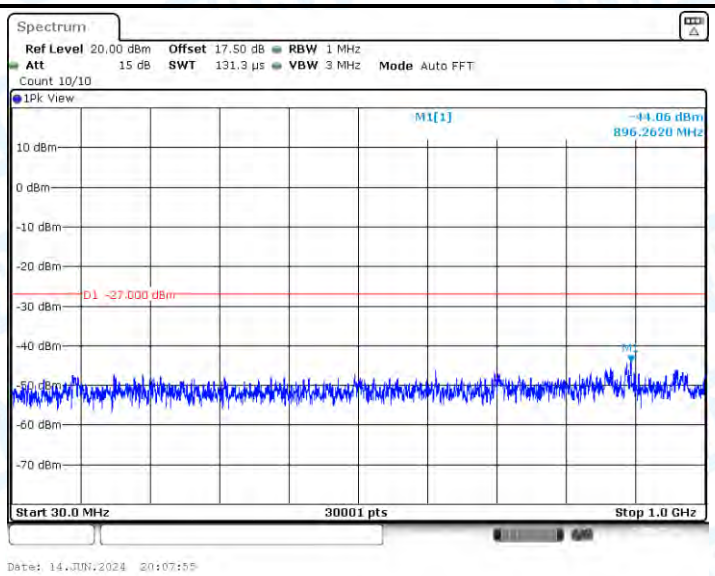
11A-CDD_Ant1_5180_30~1000



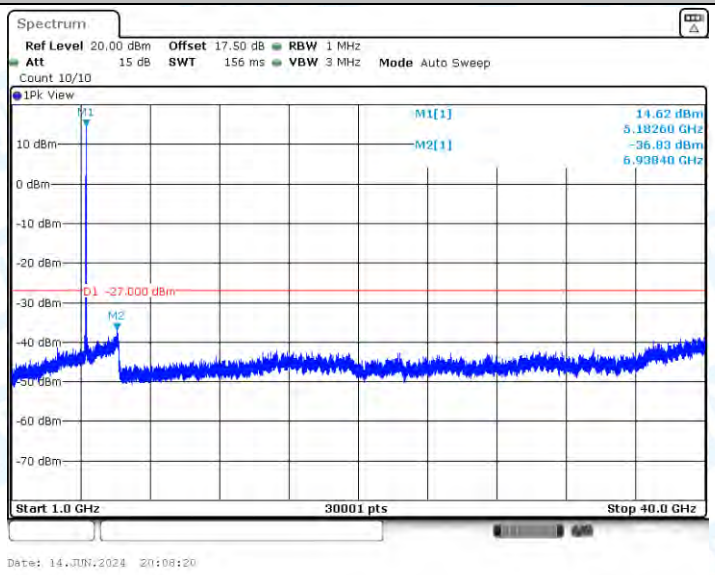
11A-CDD_Ant1_5180_1000~40000



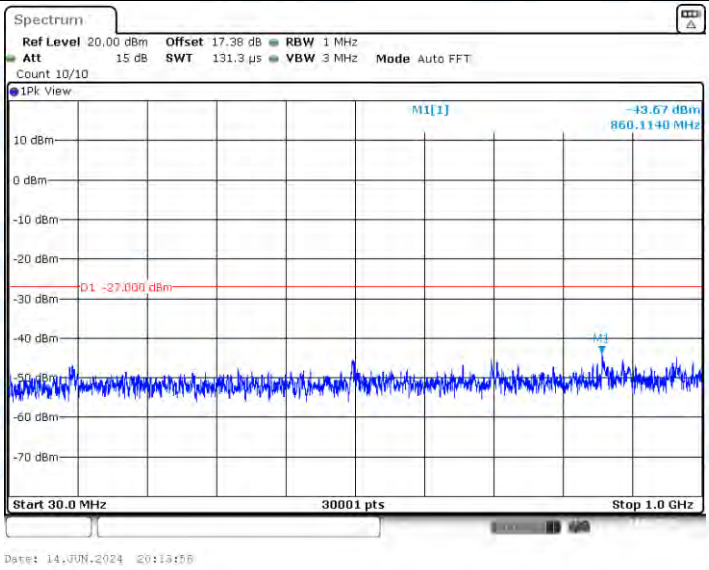
11A-CDD_Ant2_5180_30~1000



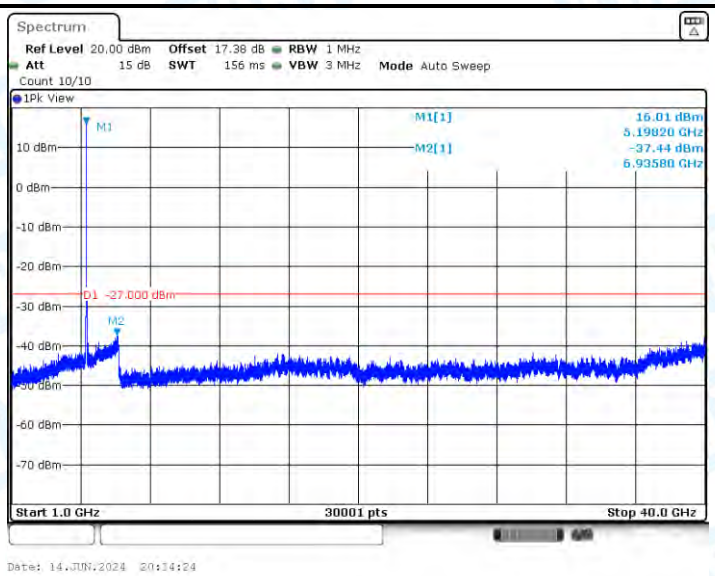
11A-CDD_Ant2_5180_1000~40000



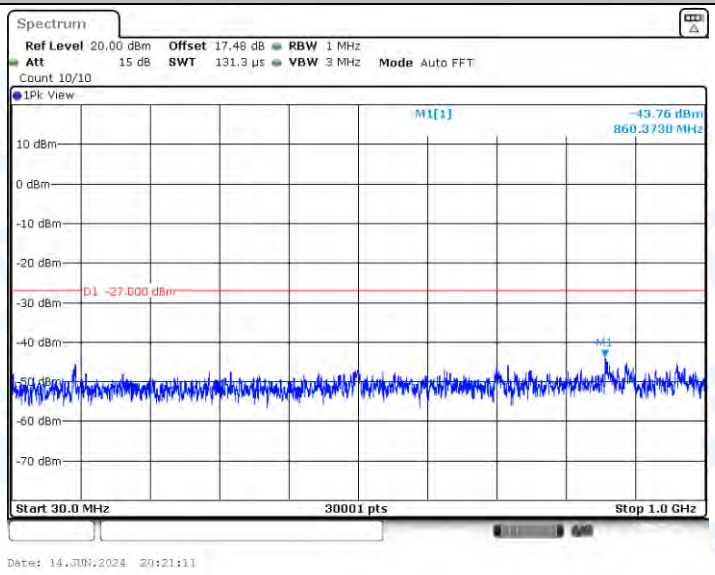
11A-CDD_Ant1_5200_30~1000



11A-CDD_Ant1_5200_1000~40000



11A-CDD_Ant2_5200_30~1000



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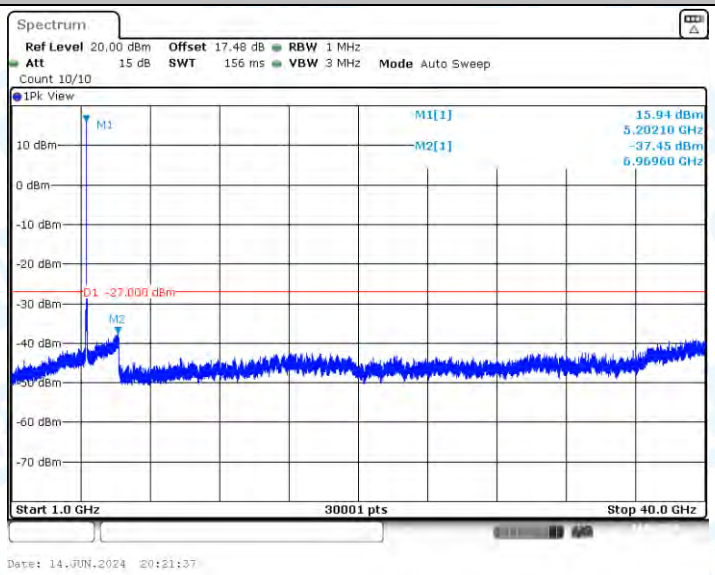
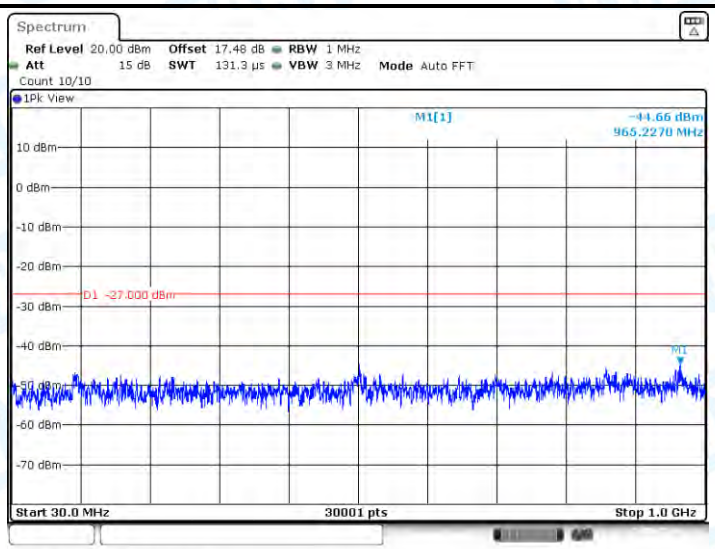


11A-CDD_Ant1_5240_30~1000



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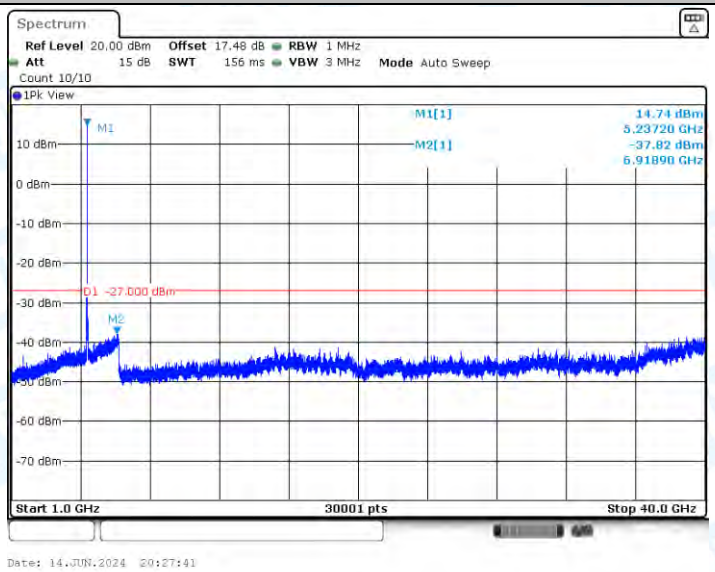

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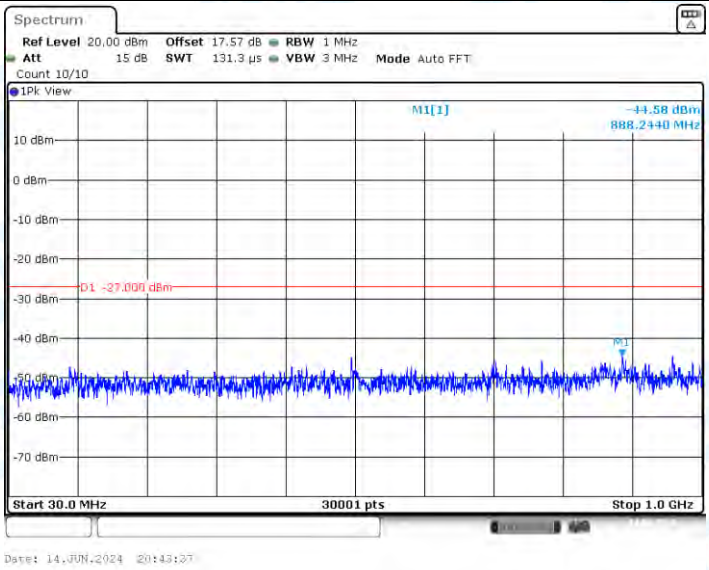
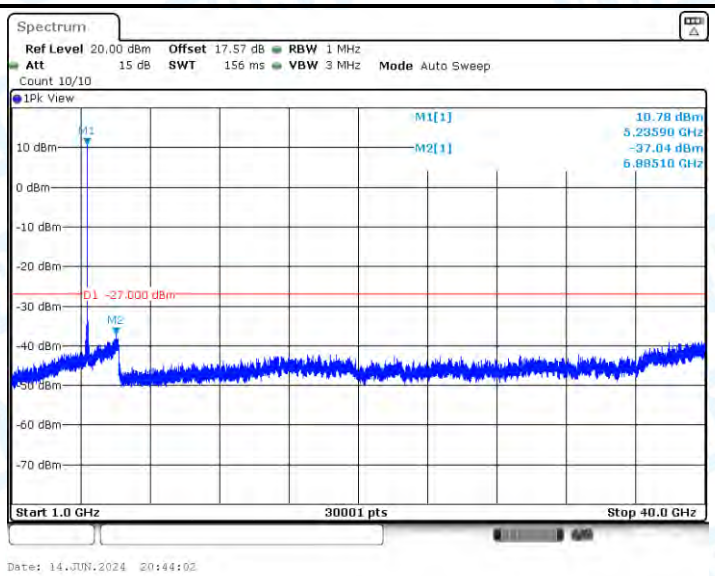
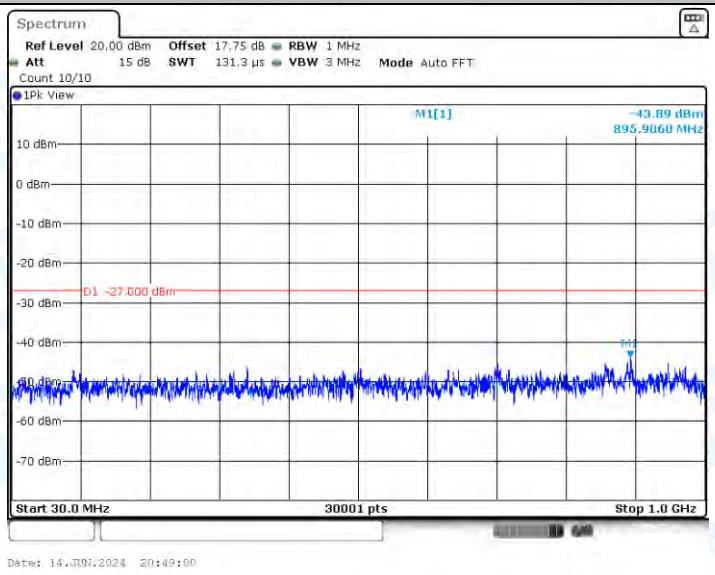


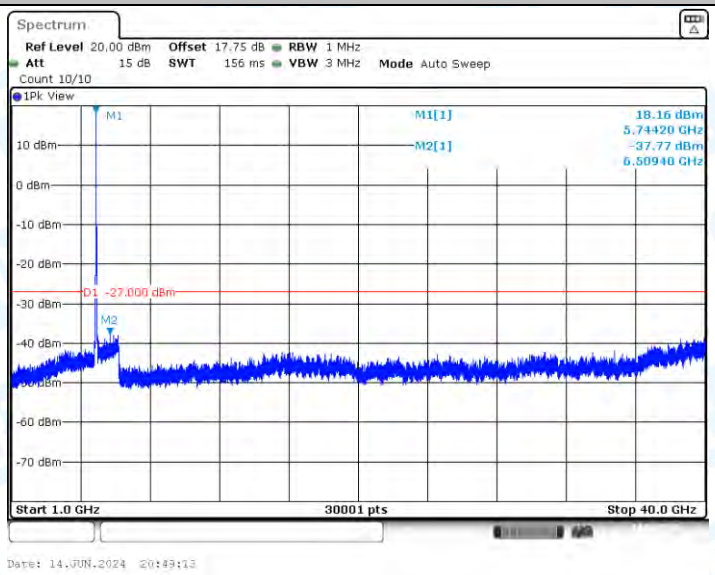
11A-CDD_Ant2_5240_1000~40000



11A-CDD_Ant1_5745_30~1000



11A-CDD_Ant1_5745_1000~40000



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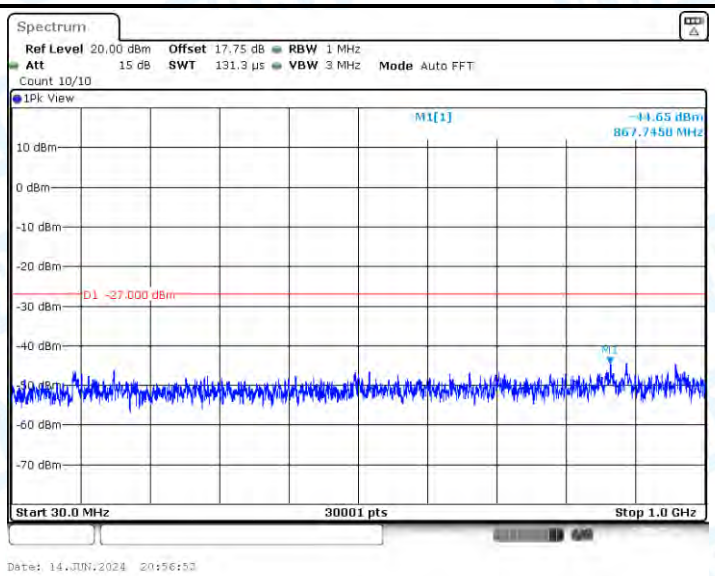
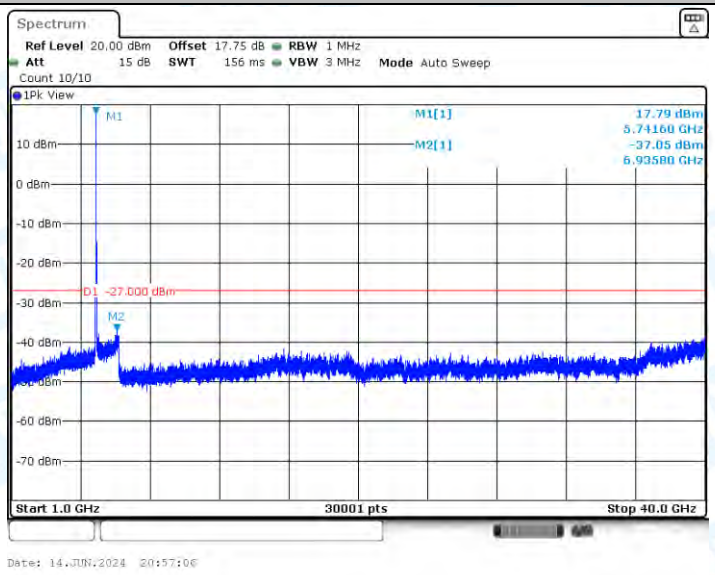
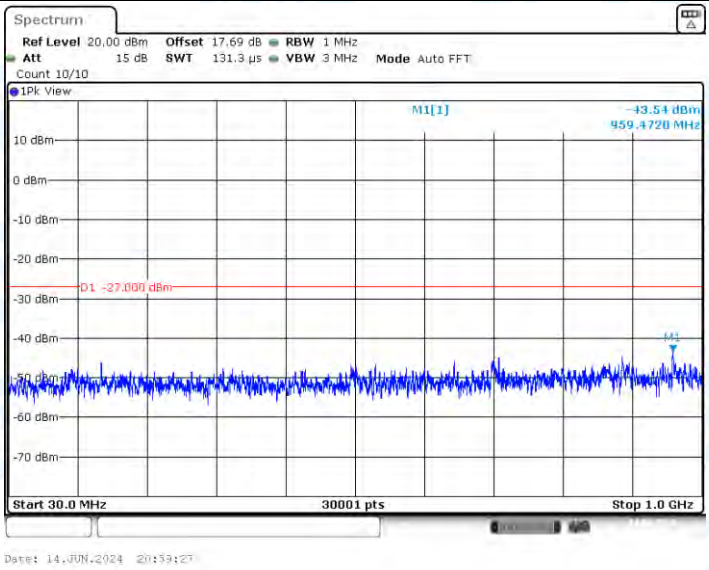


11A-CDD_Ant2_5745_1000~40000



11A-CDD_Ant1_5785_30~1000



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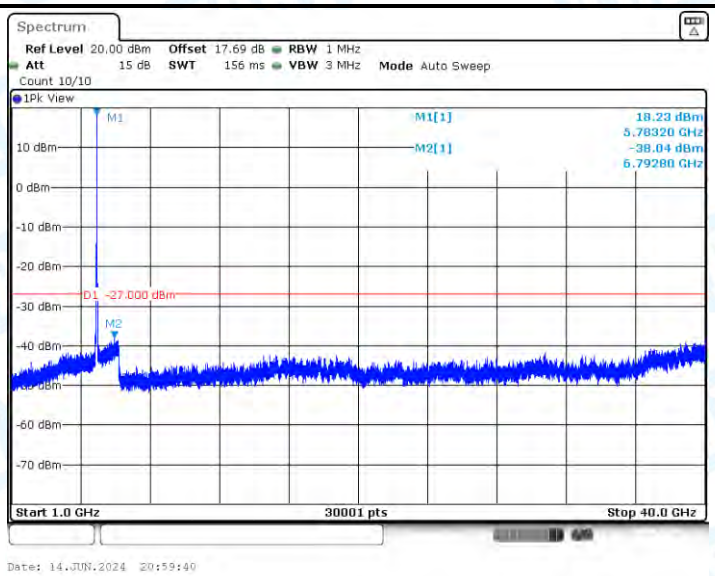

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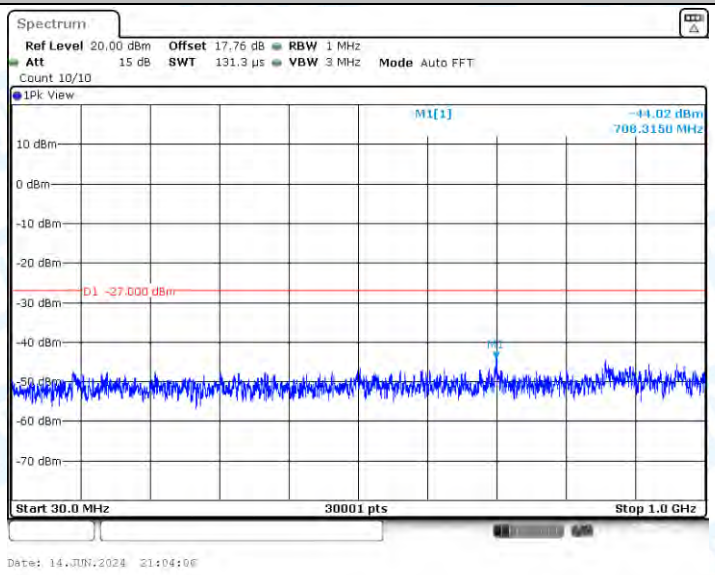

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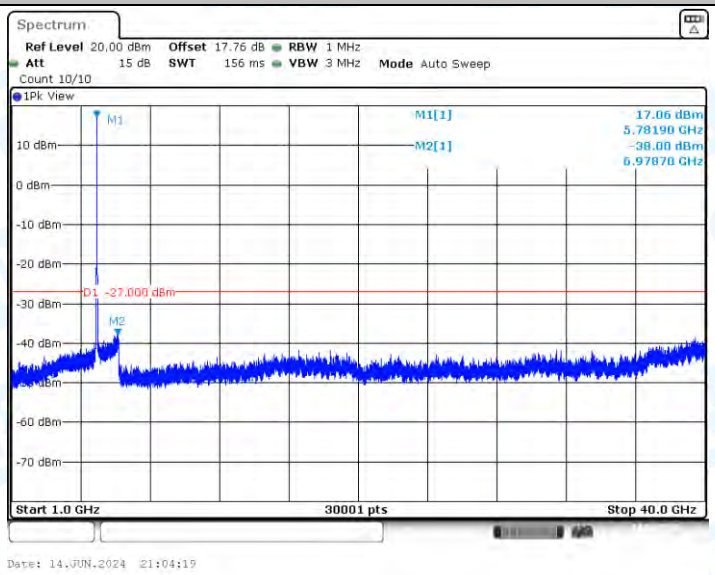
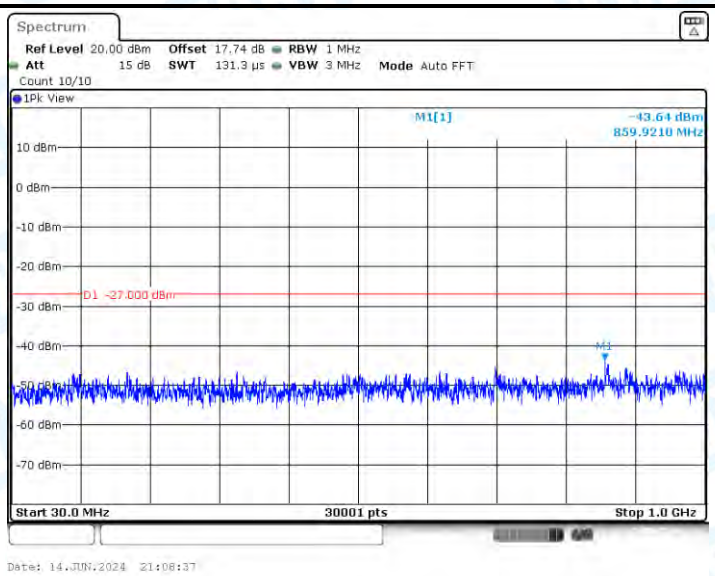


11A-CDD_Ant1_5825_30~1000



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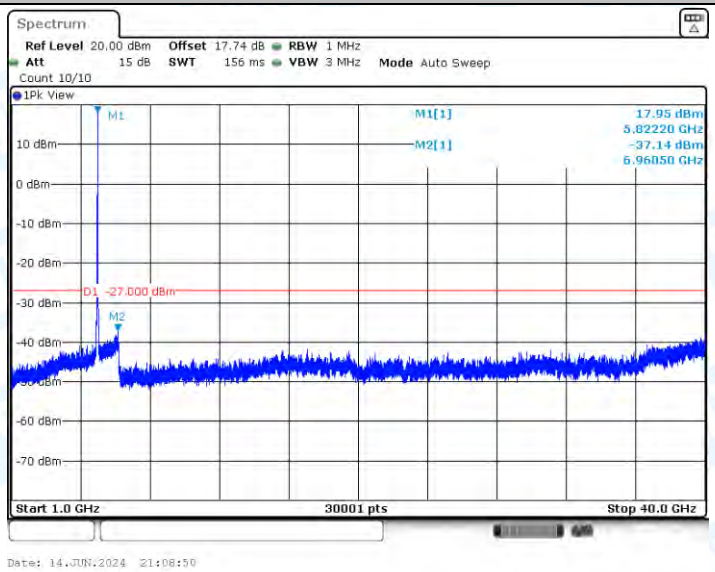

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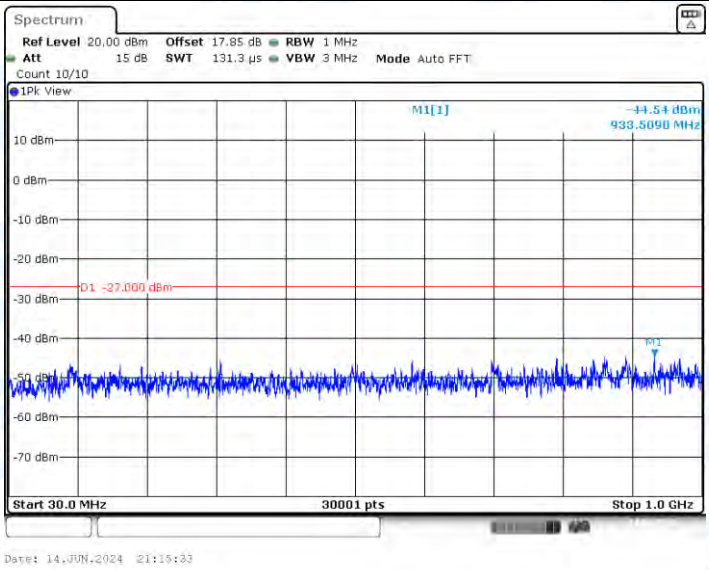

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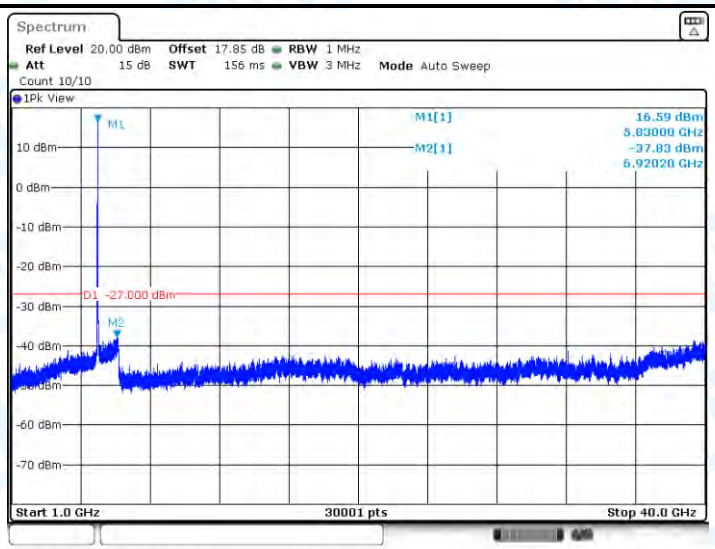
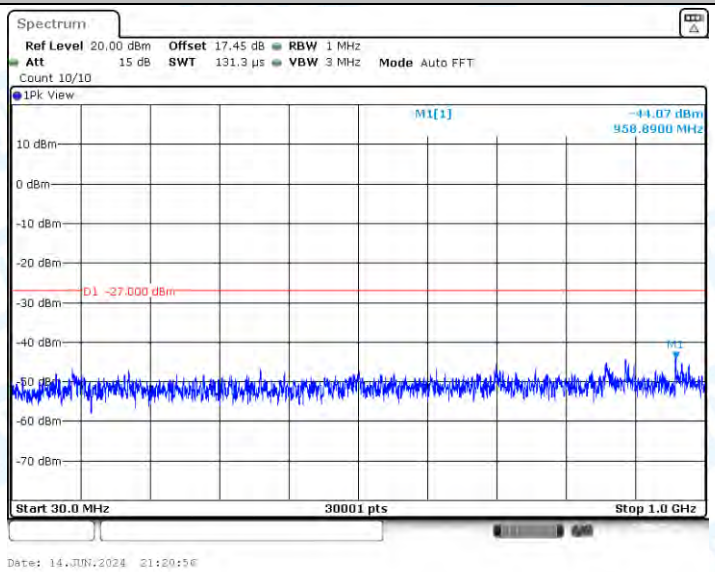


11N20MIMO_Ant1_5180_30~1000



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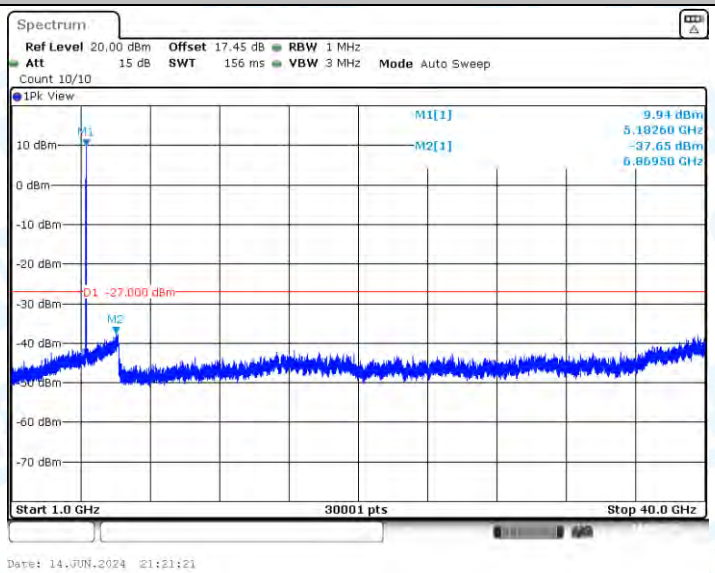

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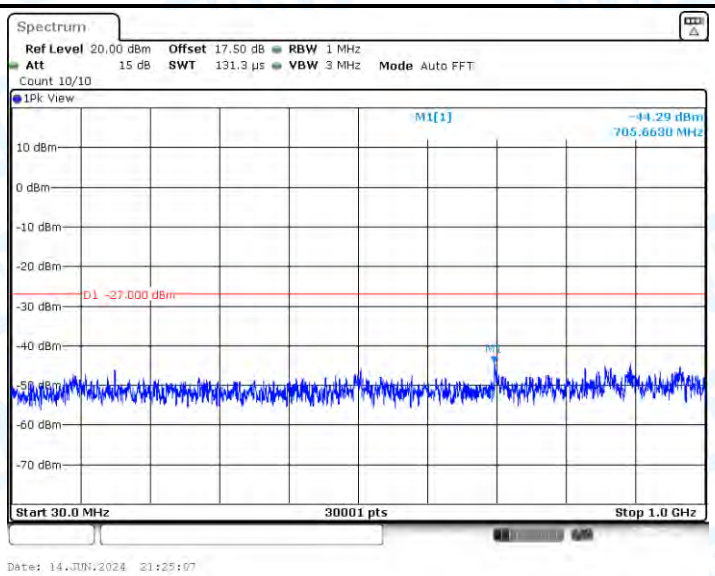

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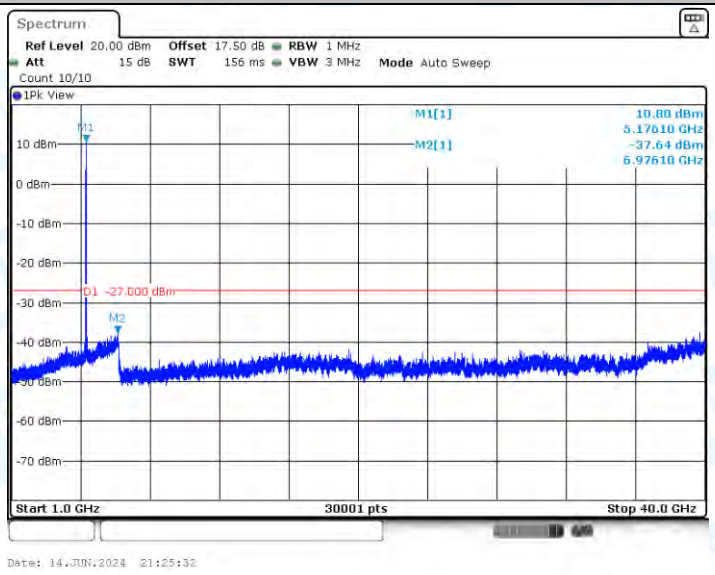
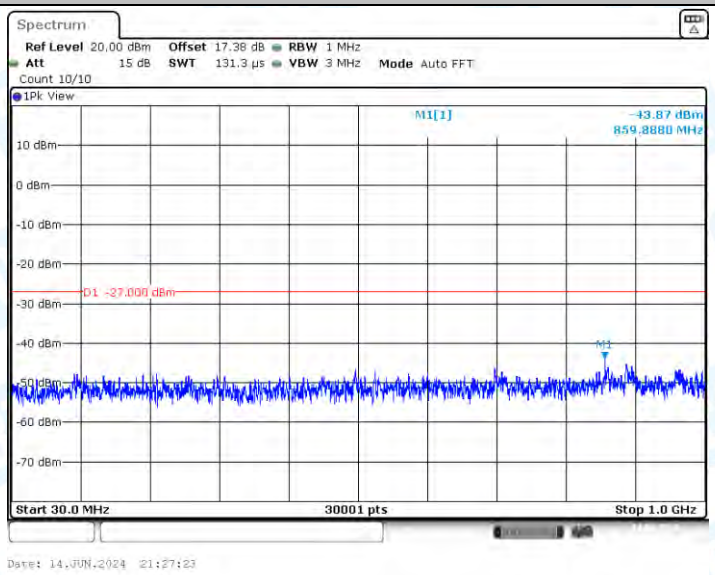


11N20MIMO_Ant1_5200_30~1000



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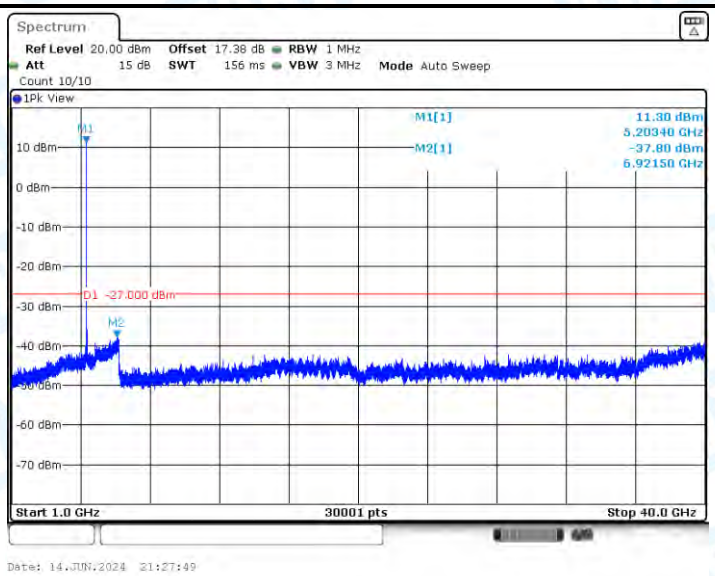
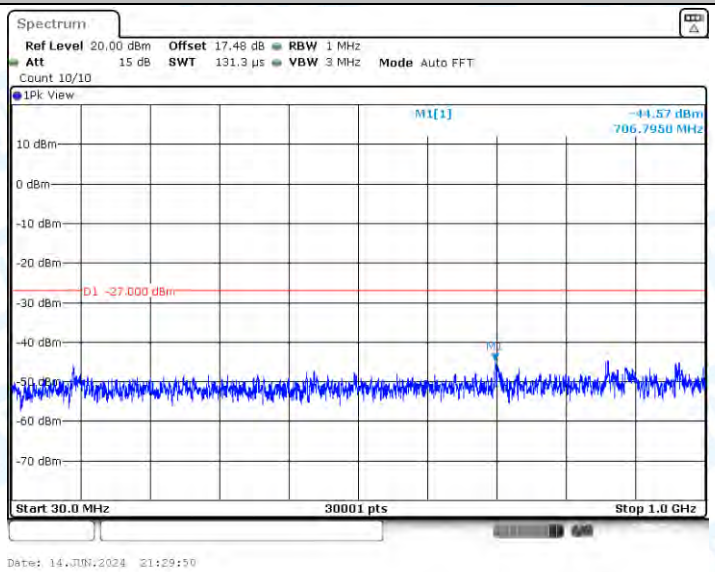


11N20MIMO_Ant2_5200_30~1000



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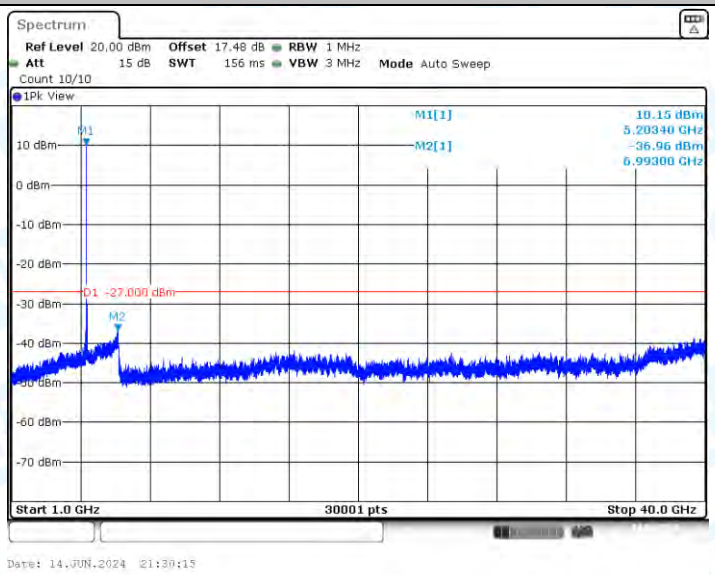

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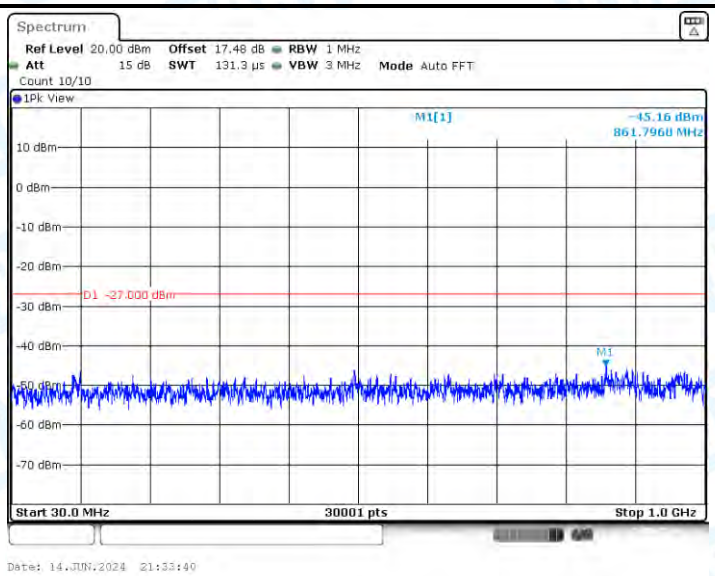

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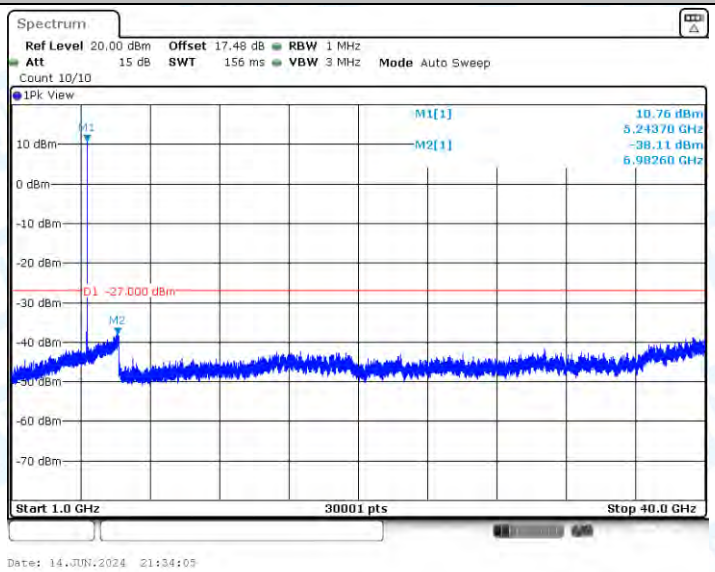

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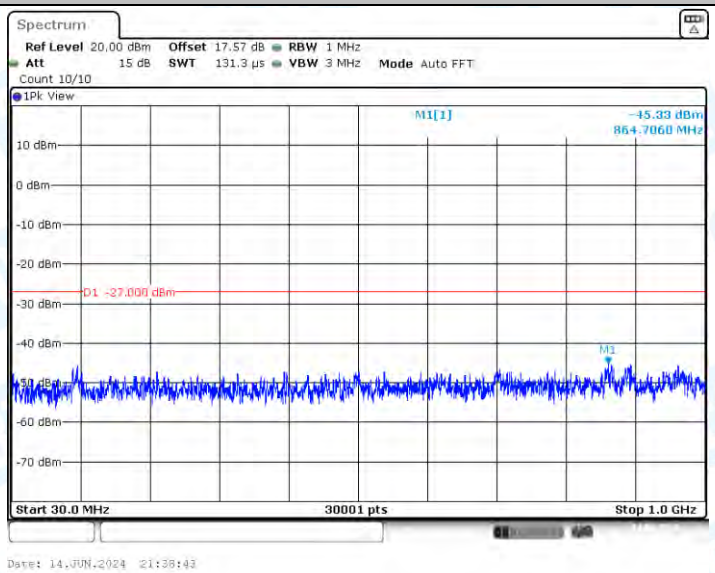

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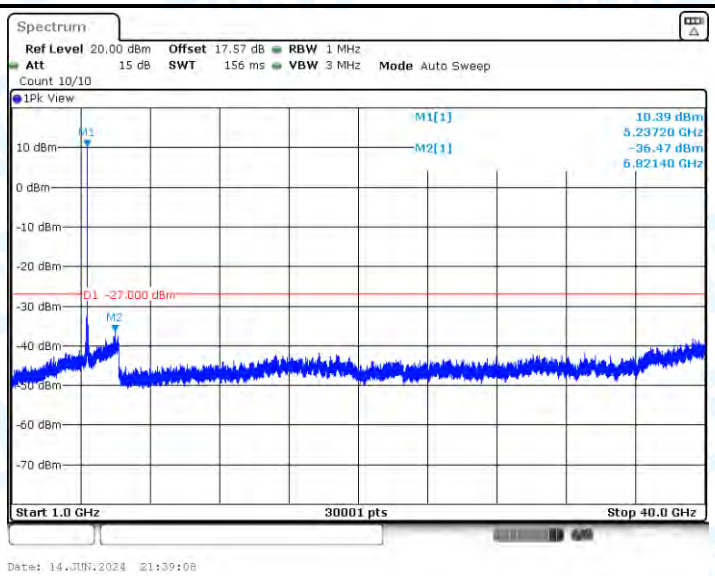

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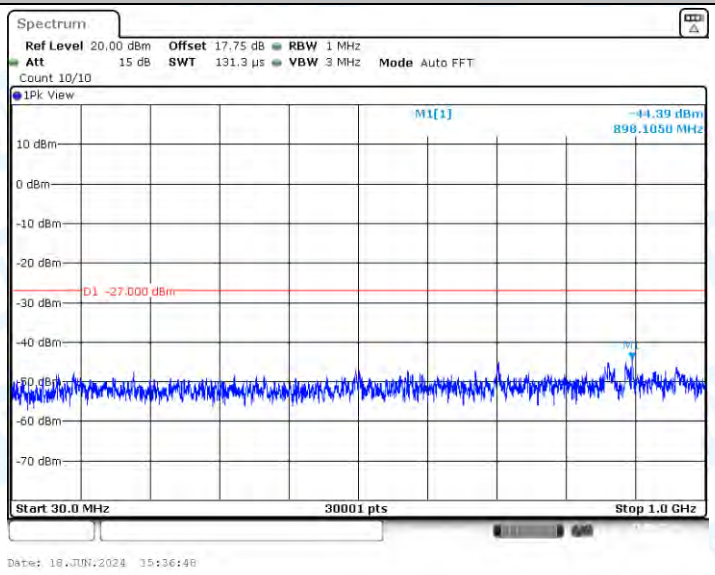

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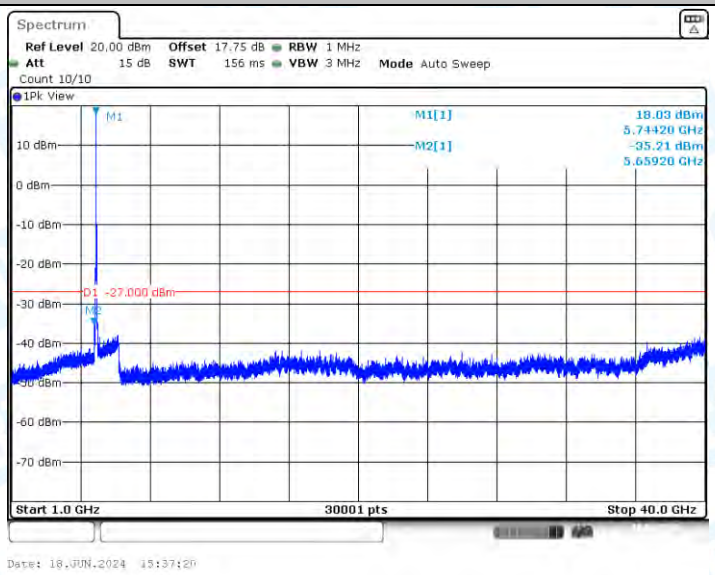

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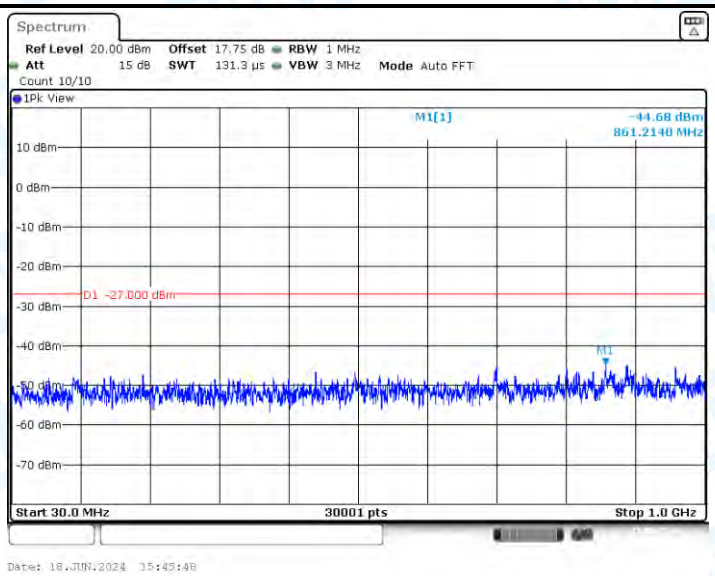

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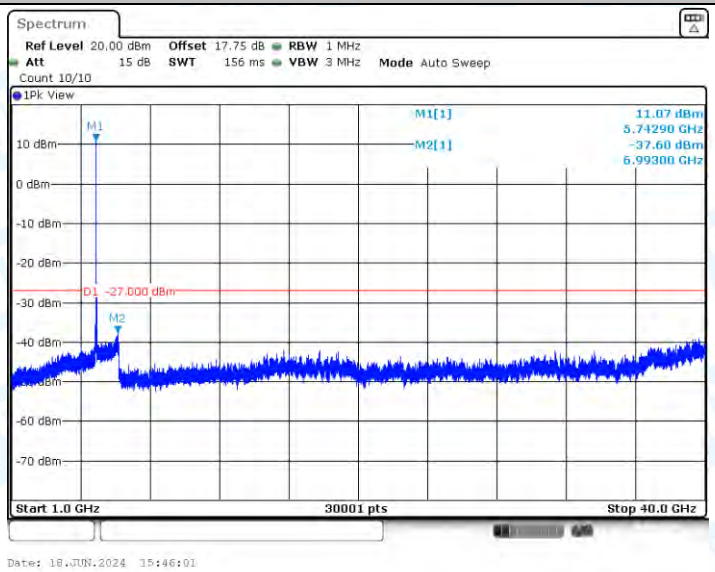

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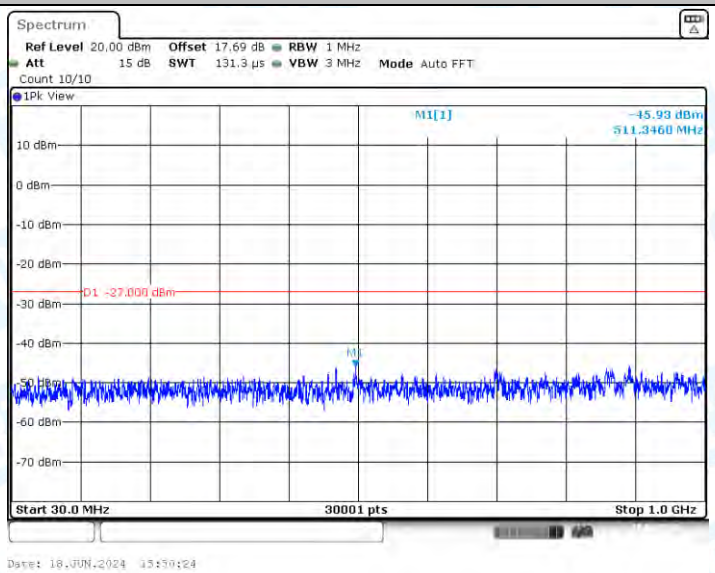

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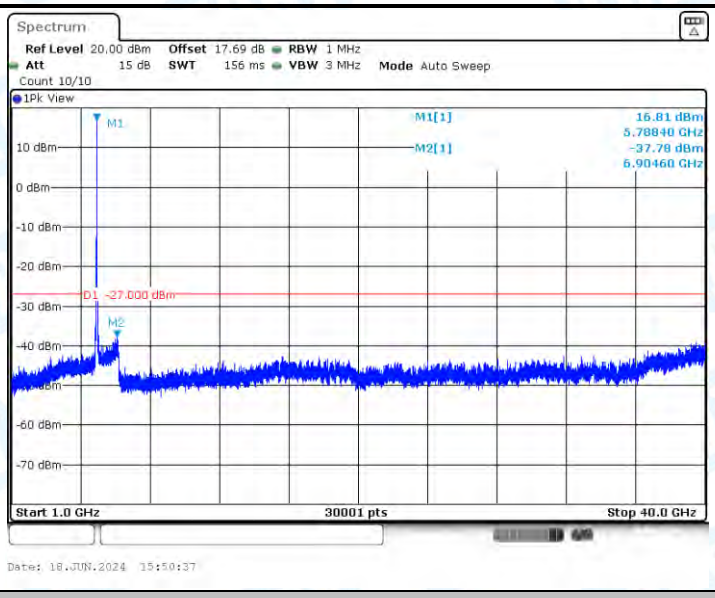

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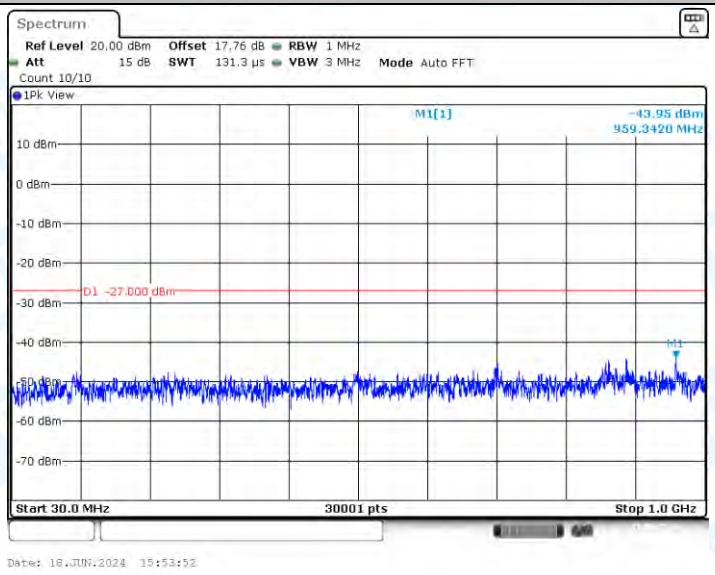

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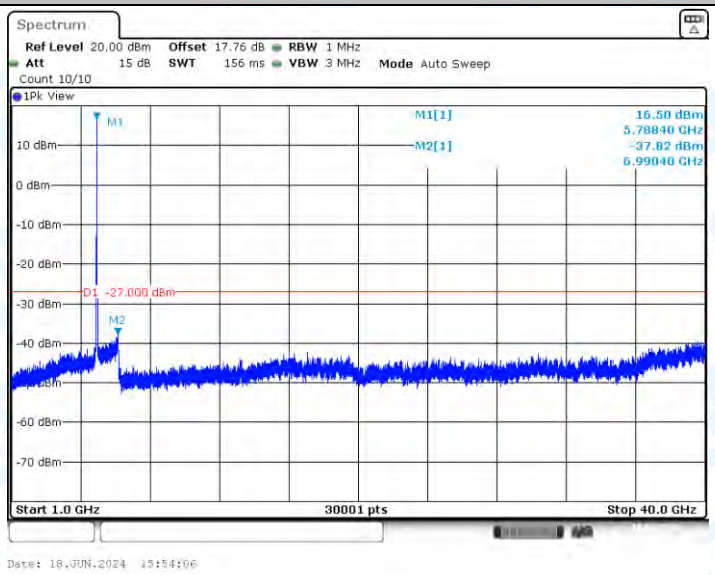

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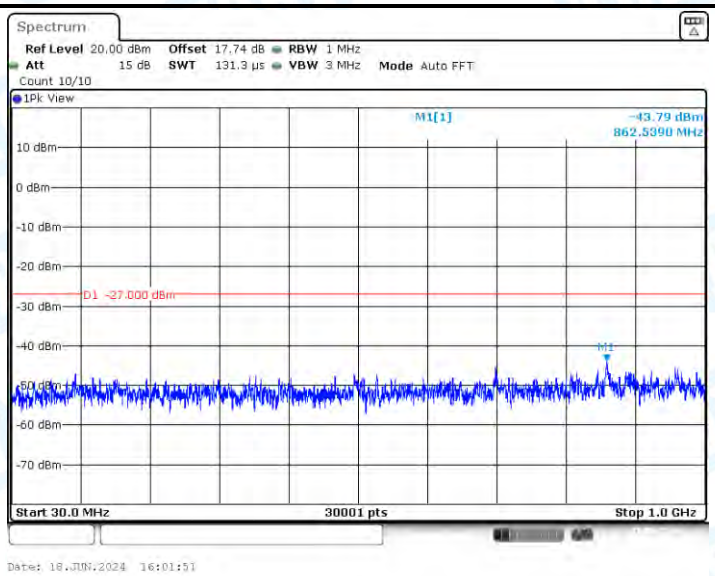
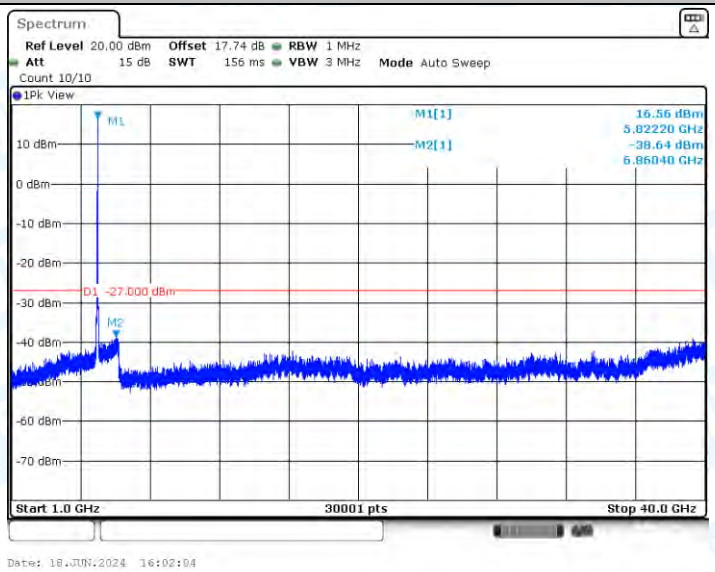


11N20MIMO_Ant1_5825_1000~40000



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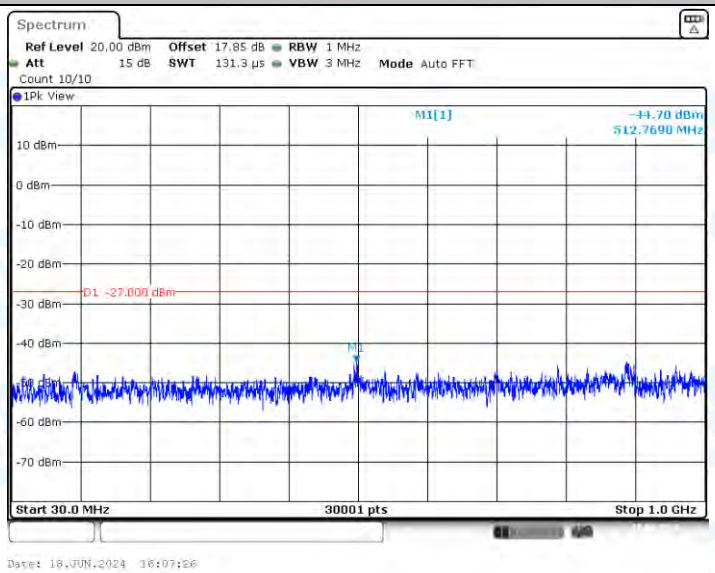
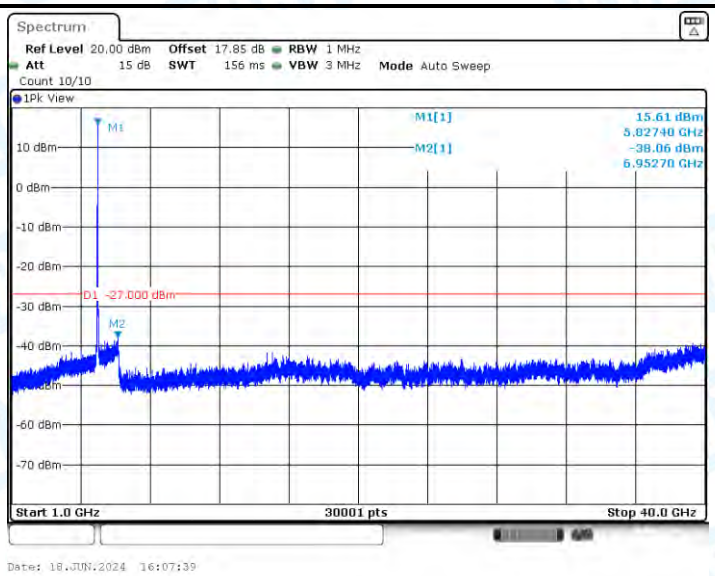


11N20MIMO_Ant2_5825_1000~40000



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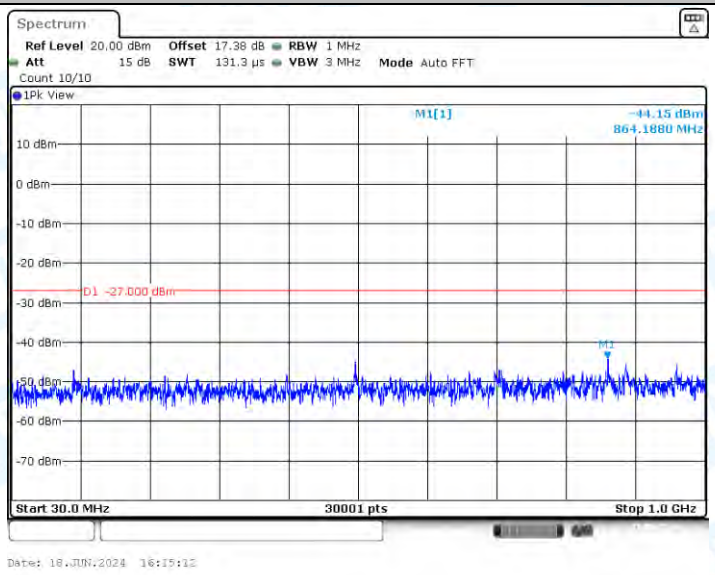

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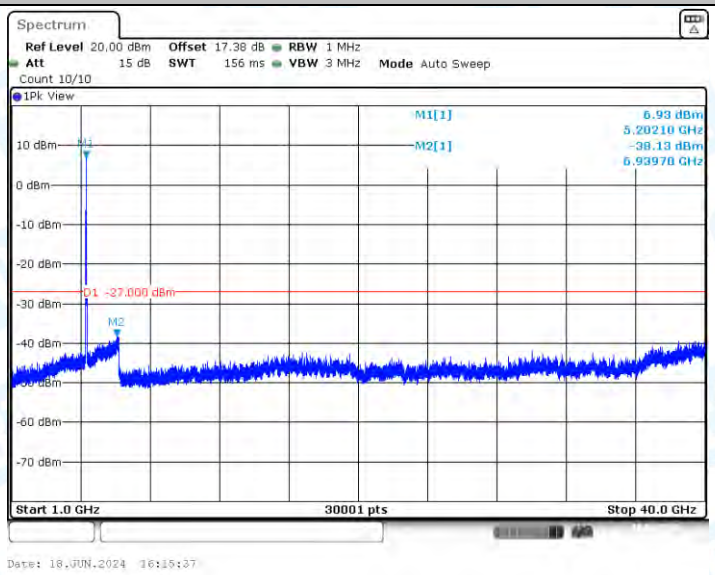

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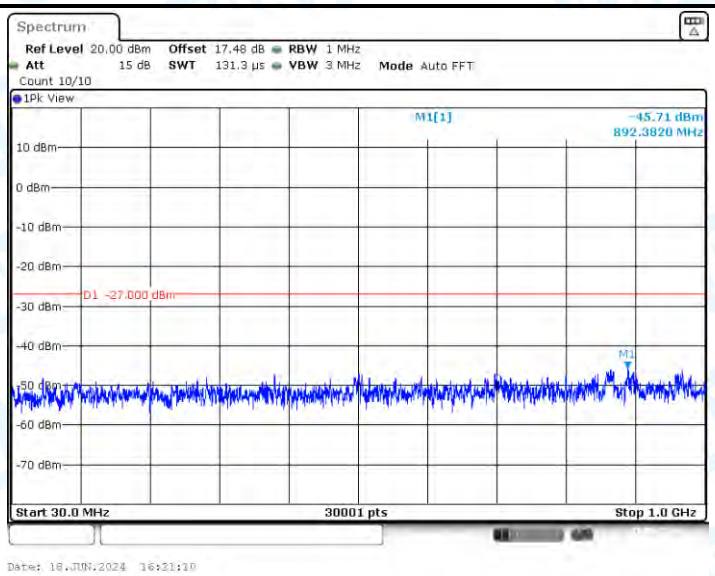
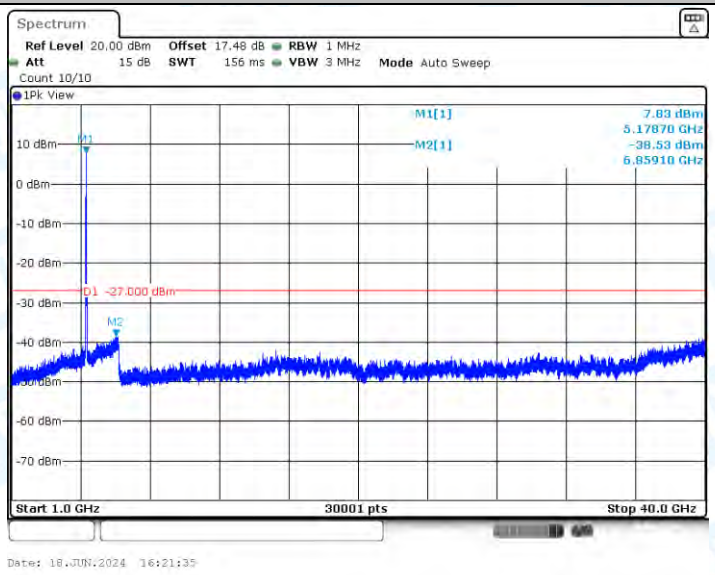
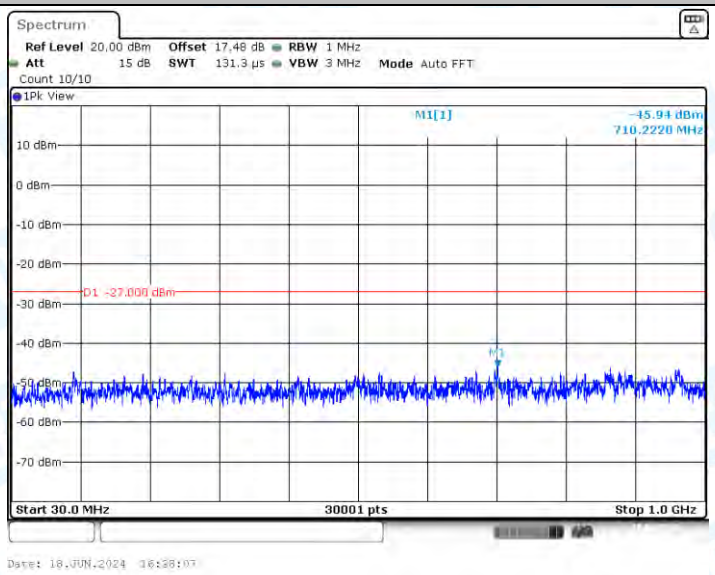


11N40MIMO_Ant2_5190_1000~40000



11N40MIMO_Ant1_5230_30~1000



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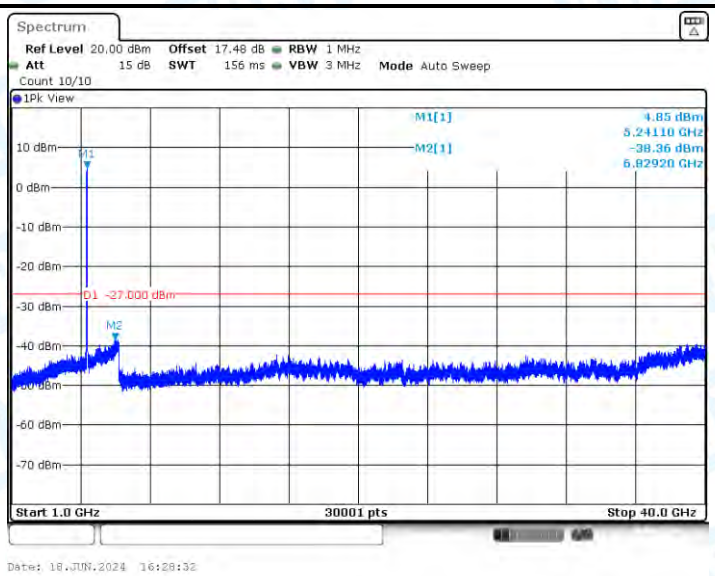

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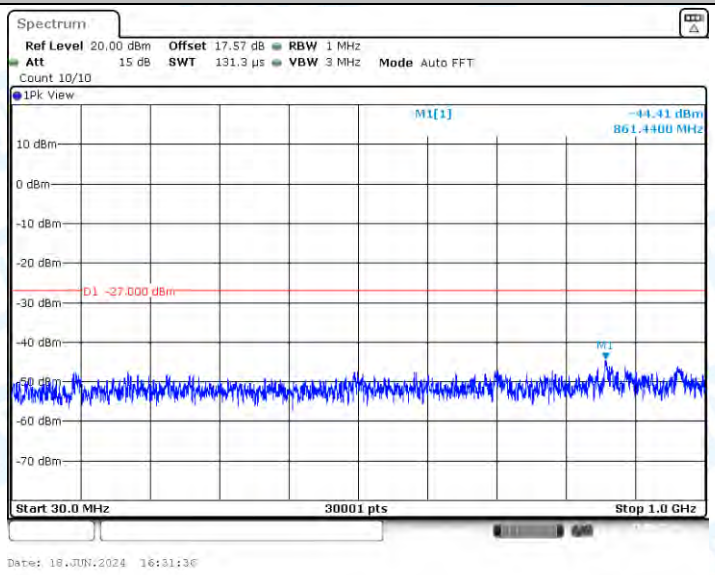

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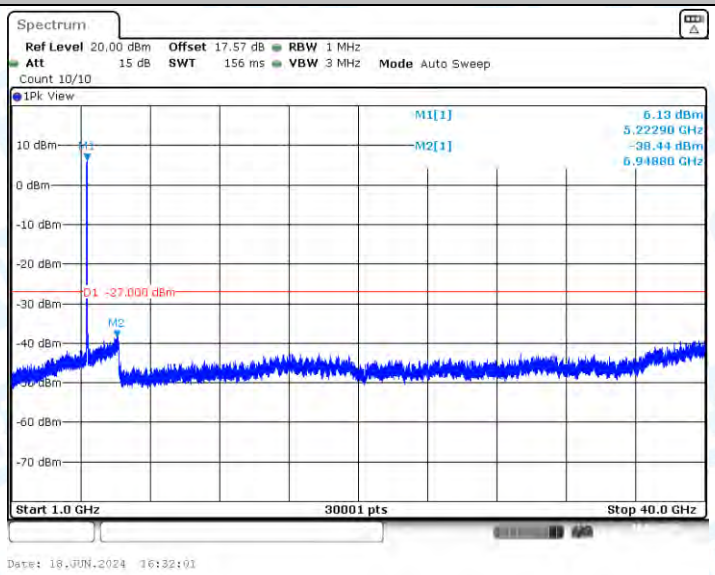

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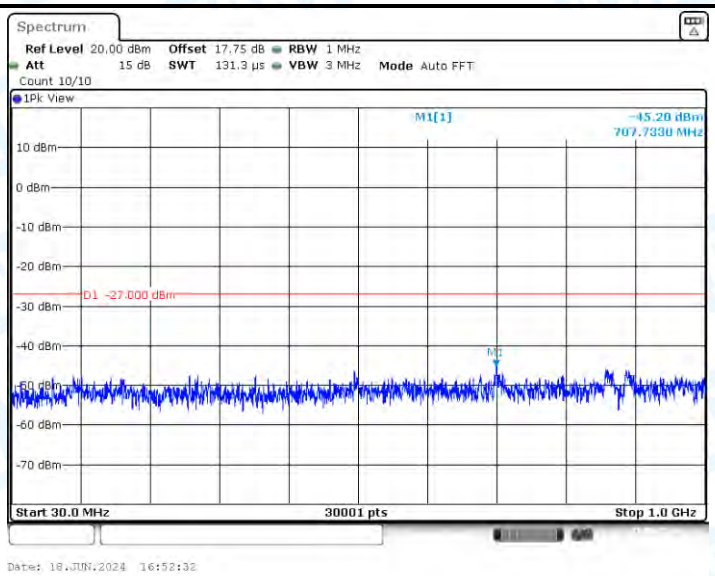

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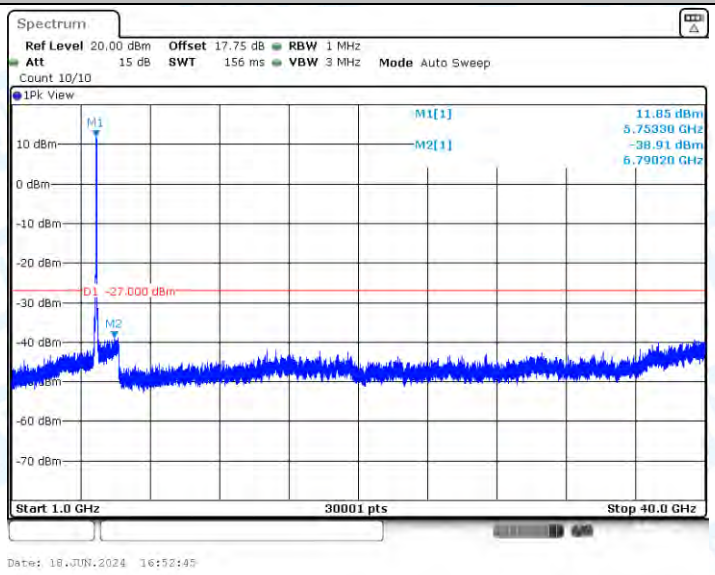

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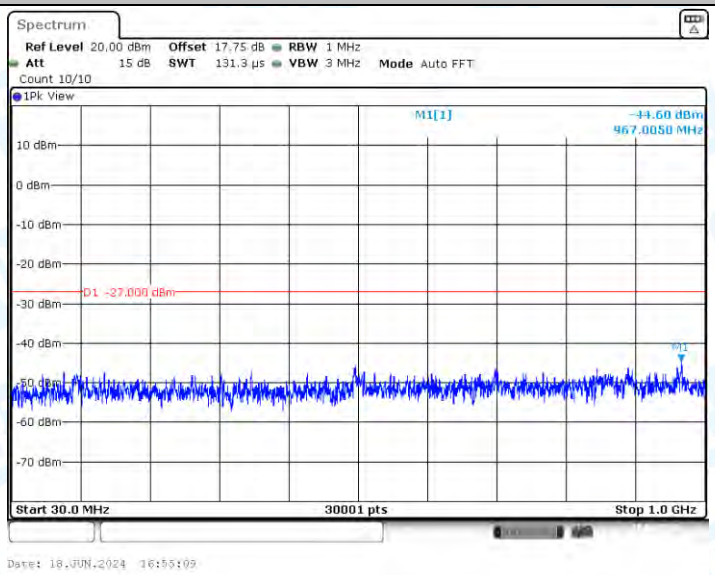

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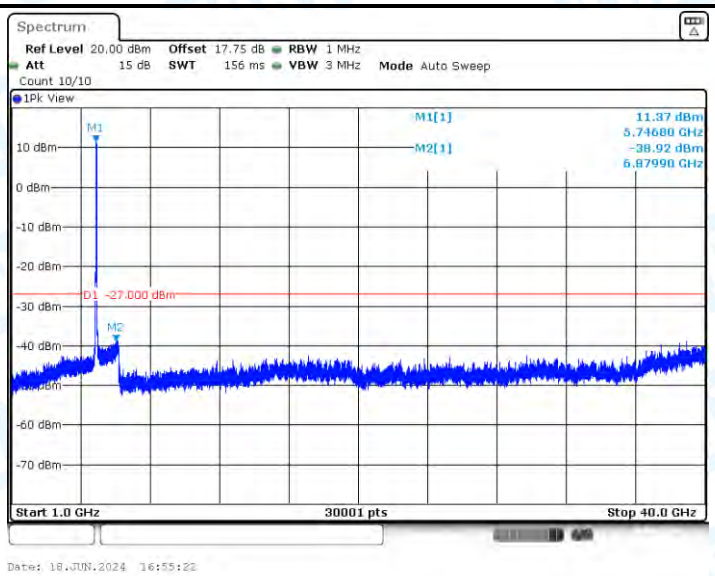

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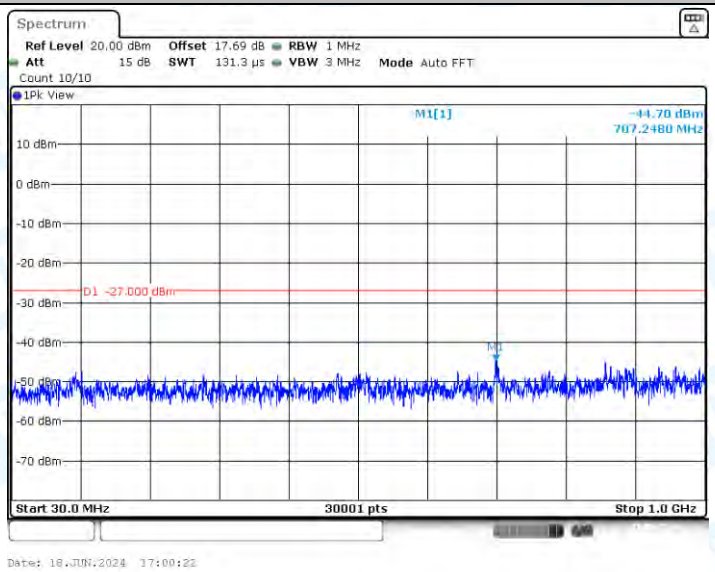

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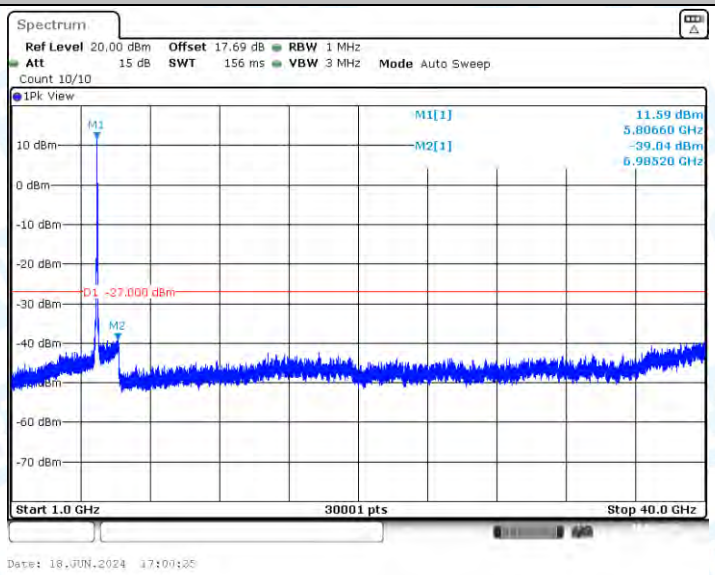
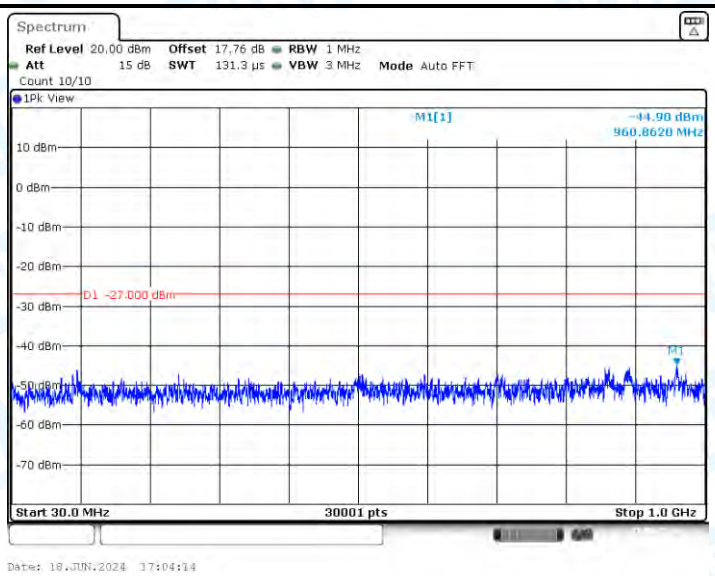


11N40MIMO_Ant2_5795_30~1000



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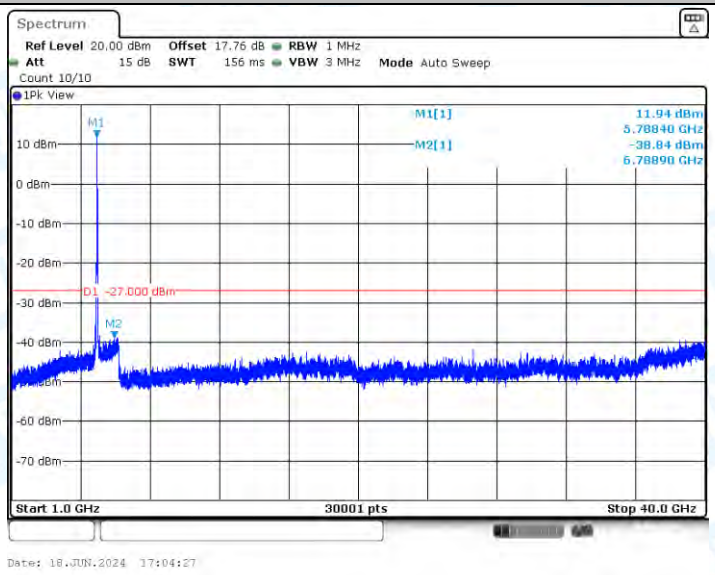
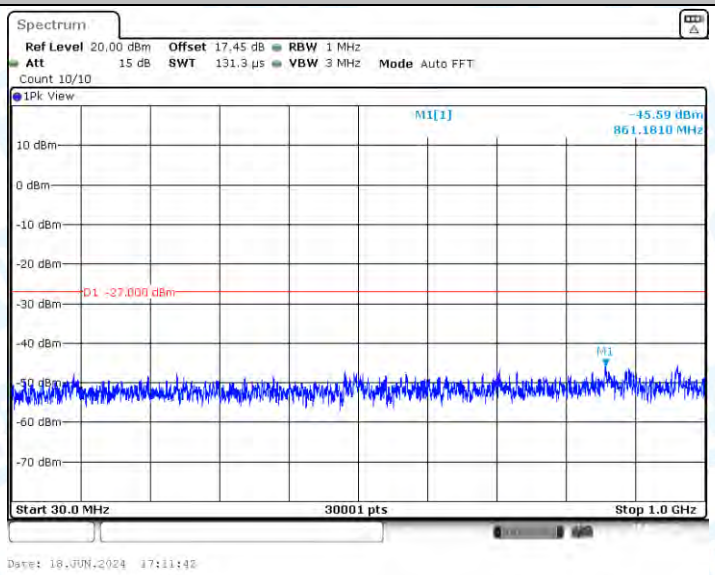


11AC20MIMO_Ant1_5180_30~1000



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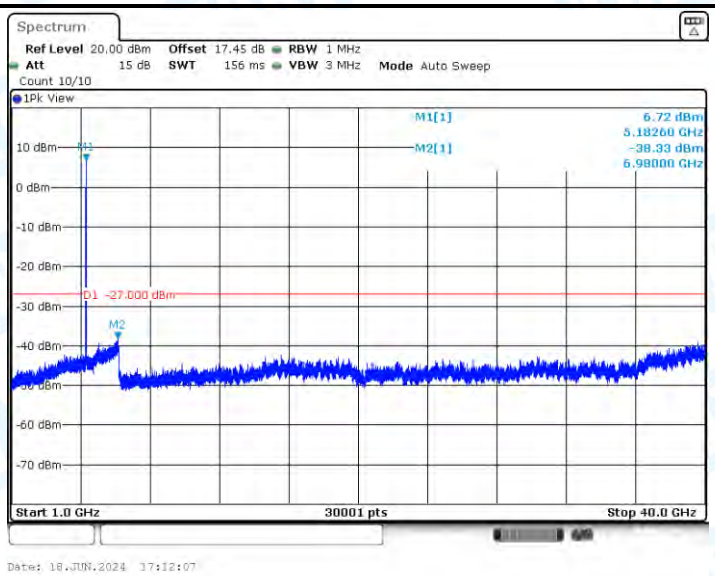

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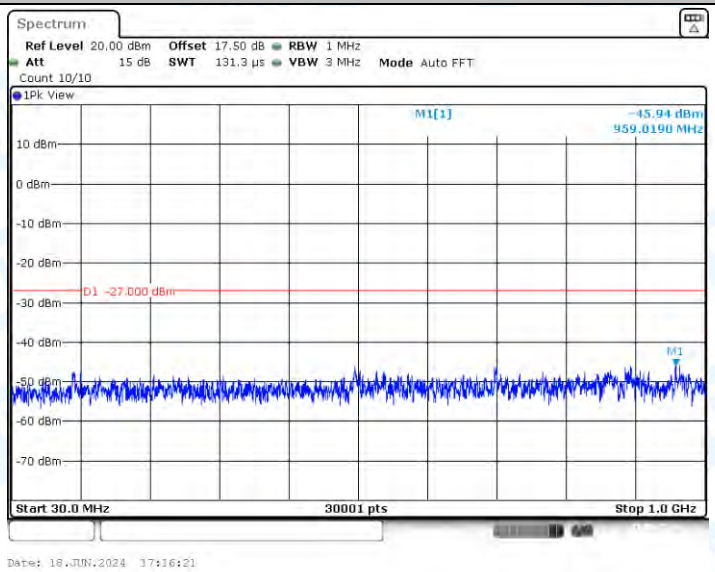

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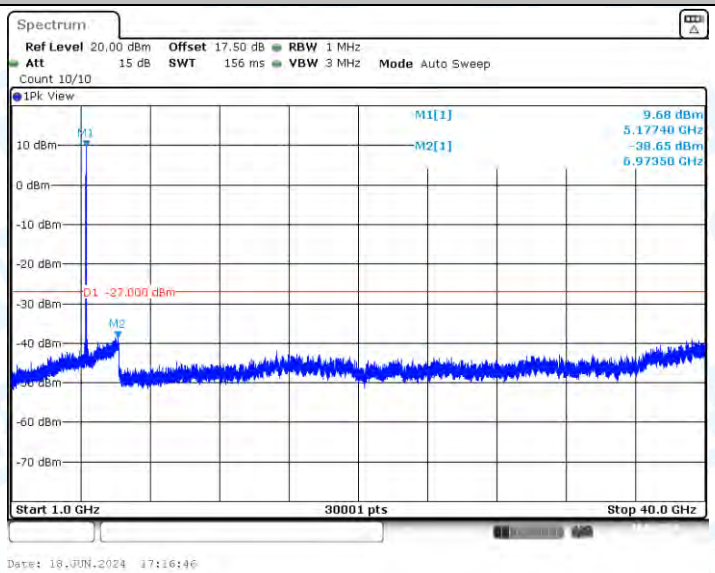

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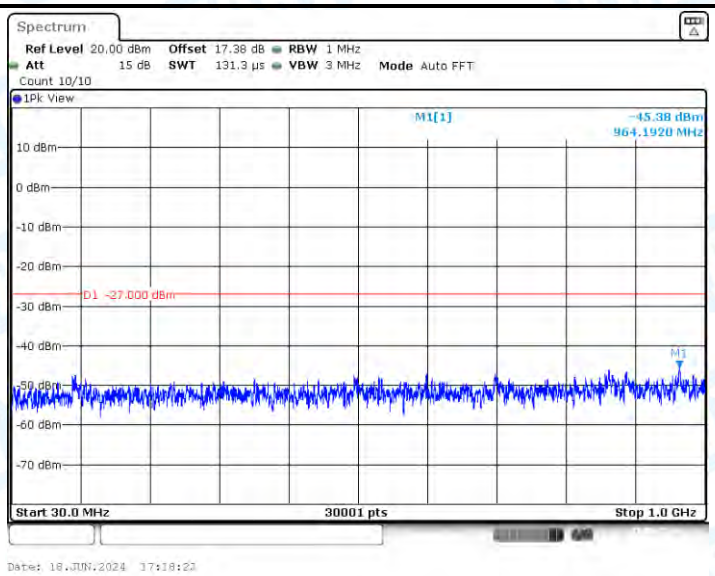

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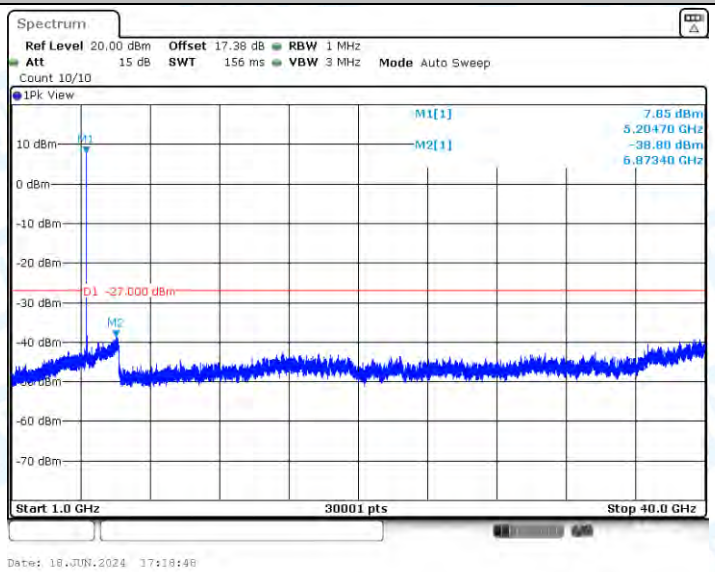

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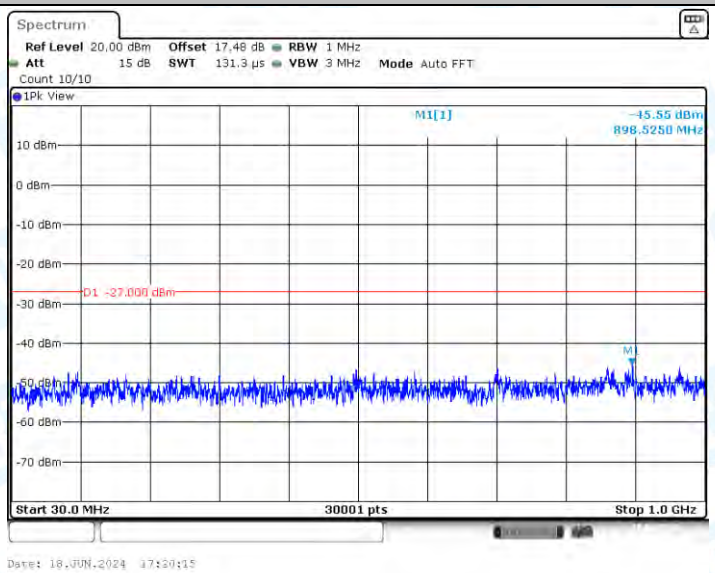

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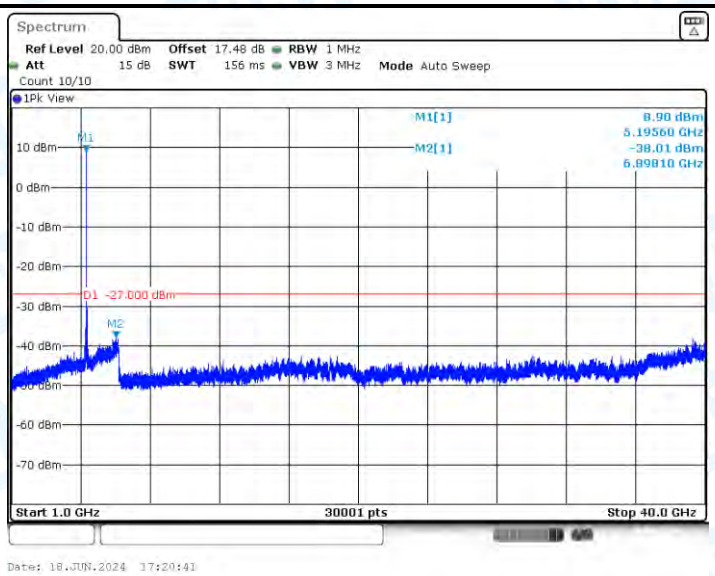

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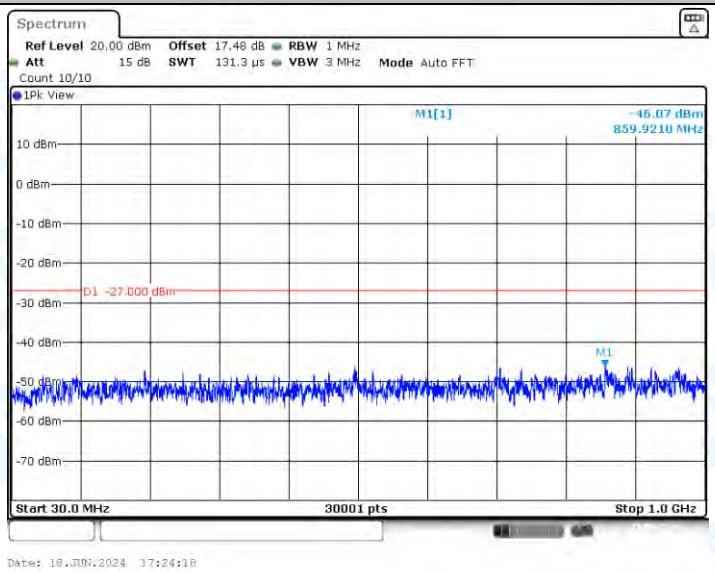

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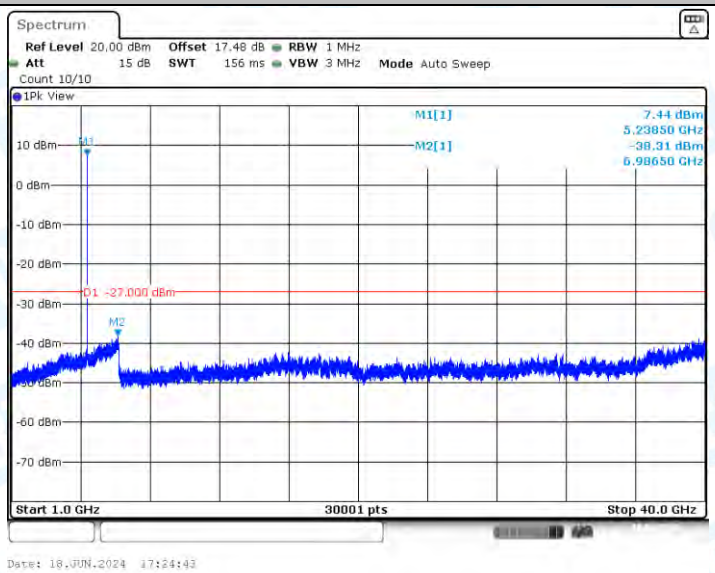

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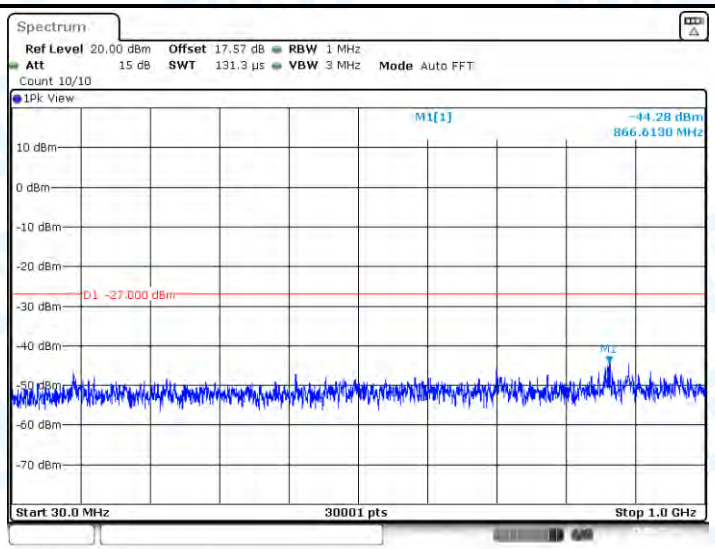

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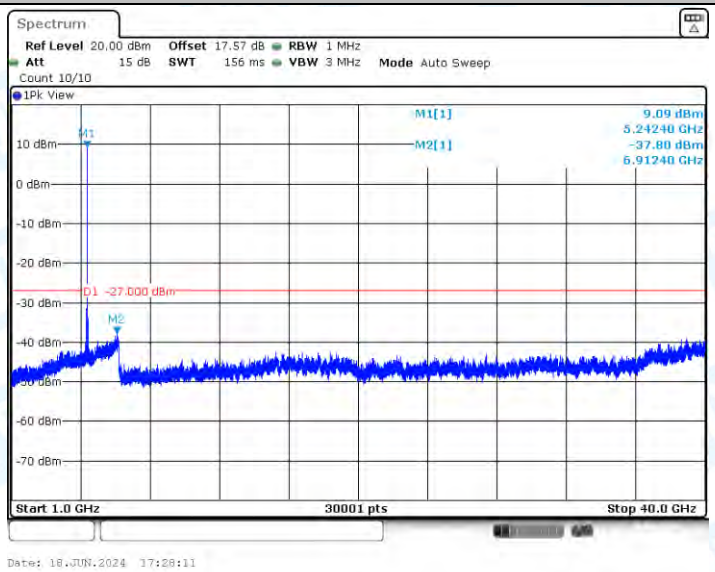

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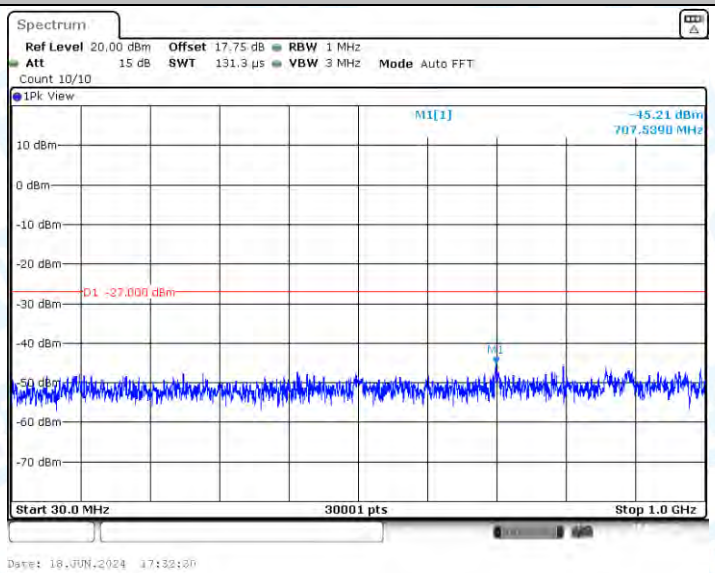

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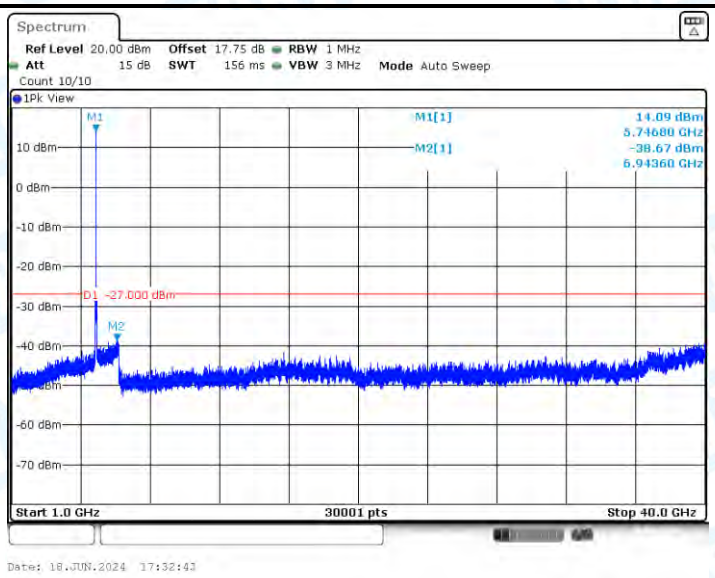

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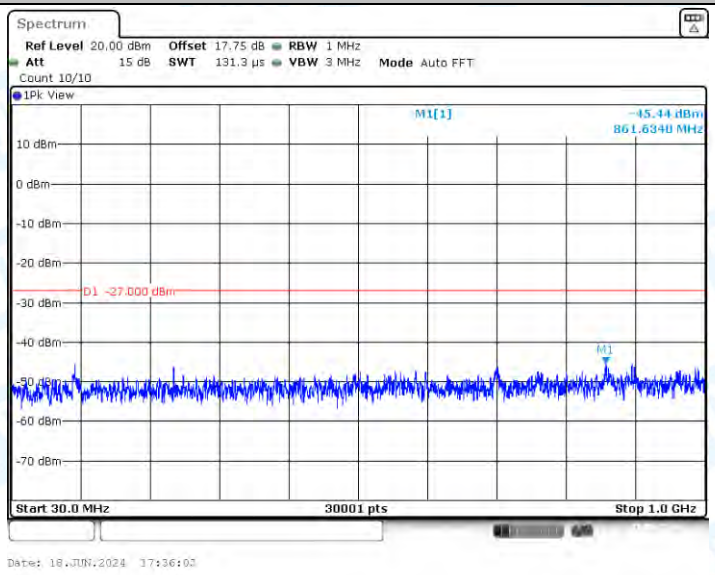

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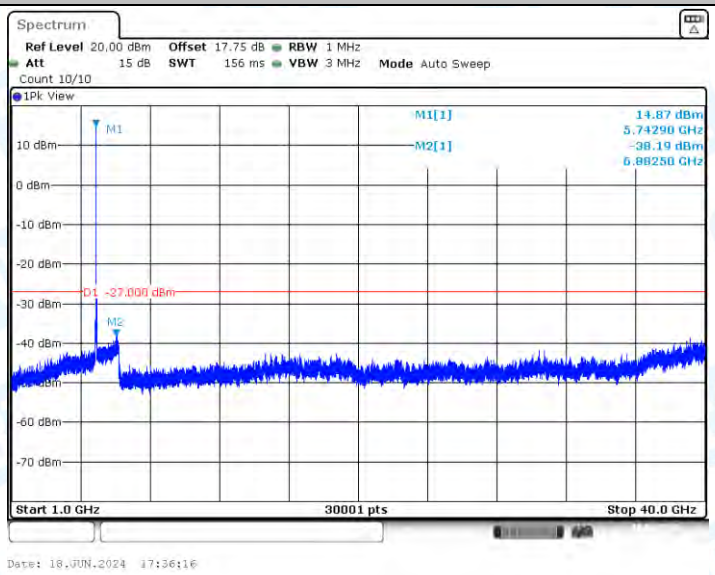

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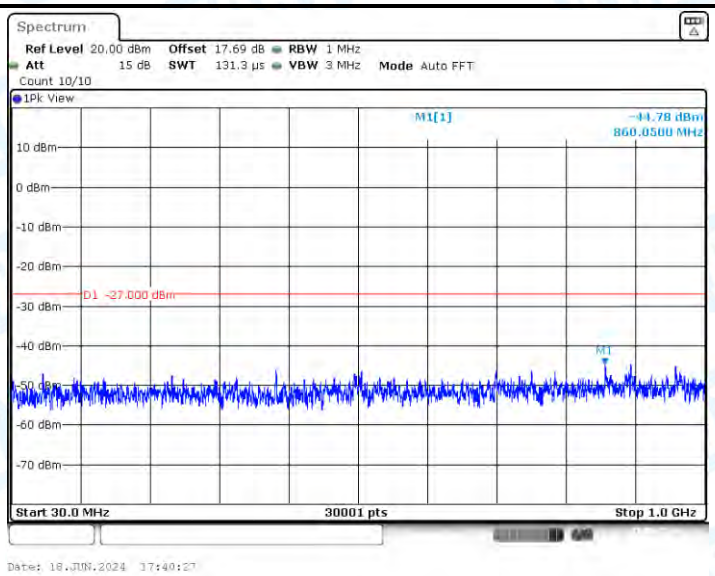

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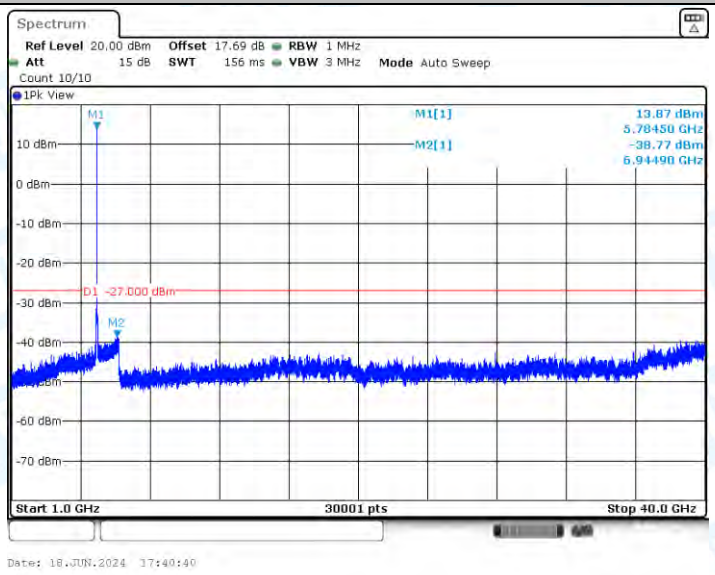

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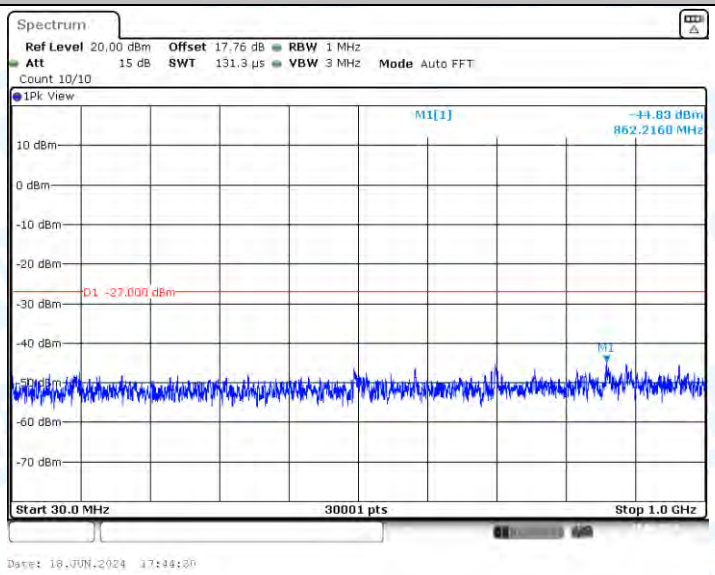

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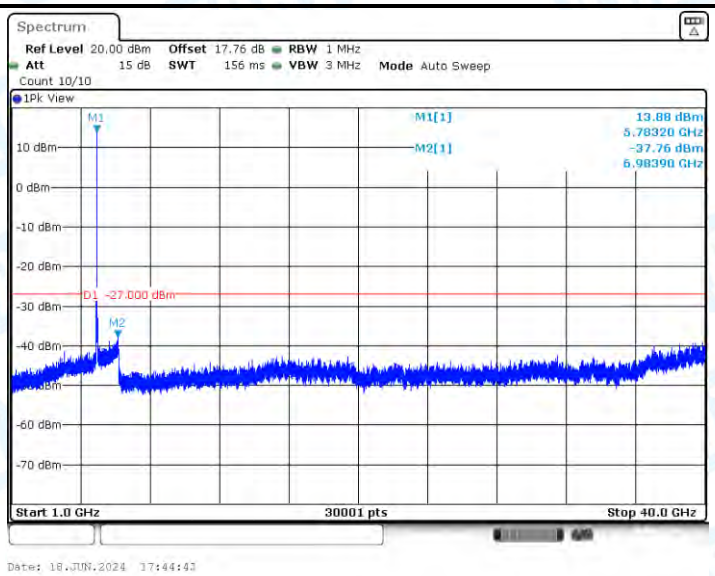

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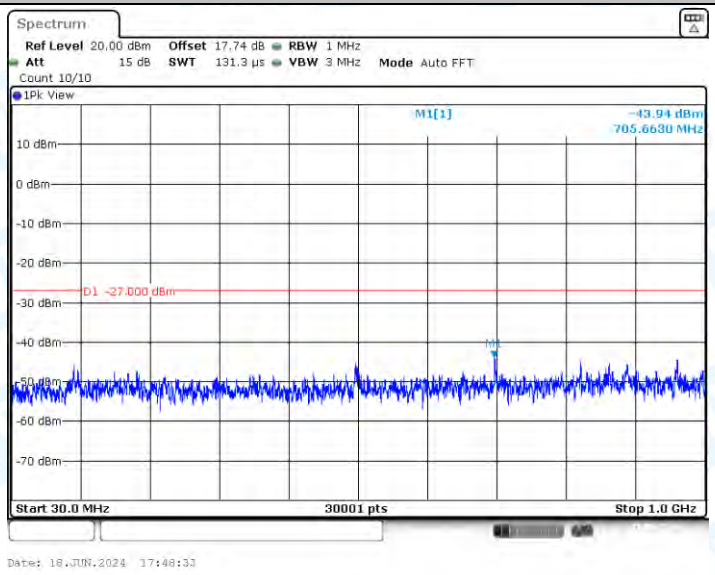

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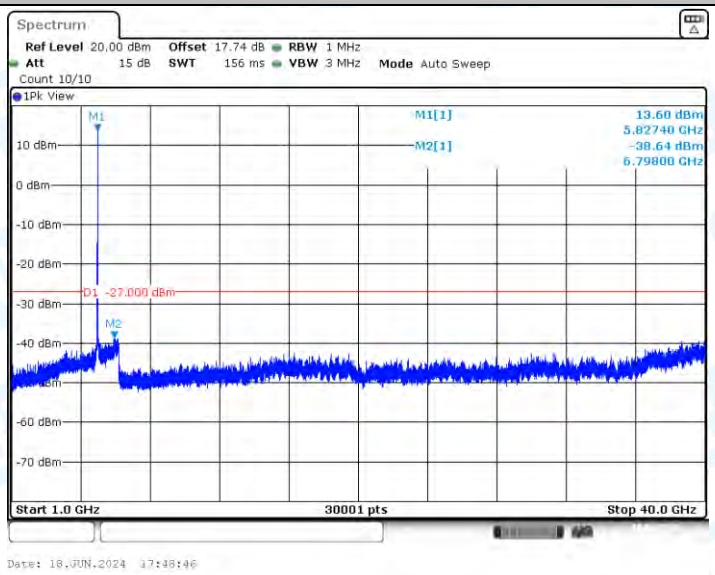

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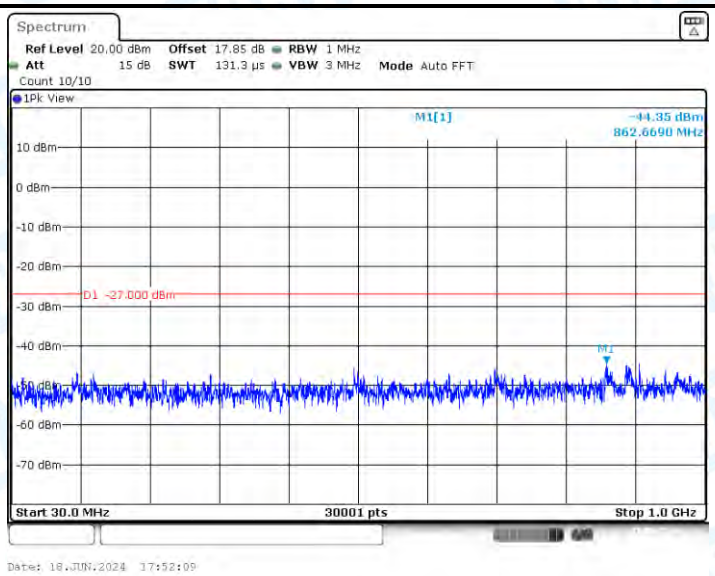

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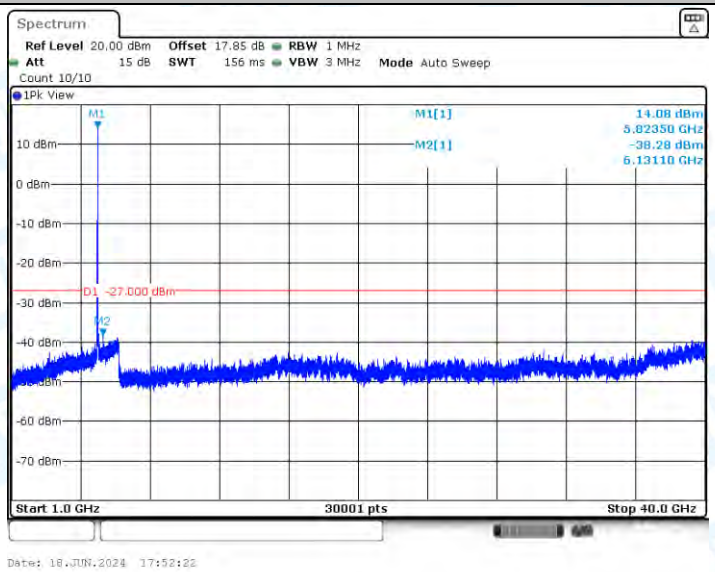

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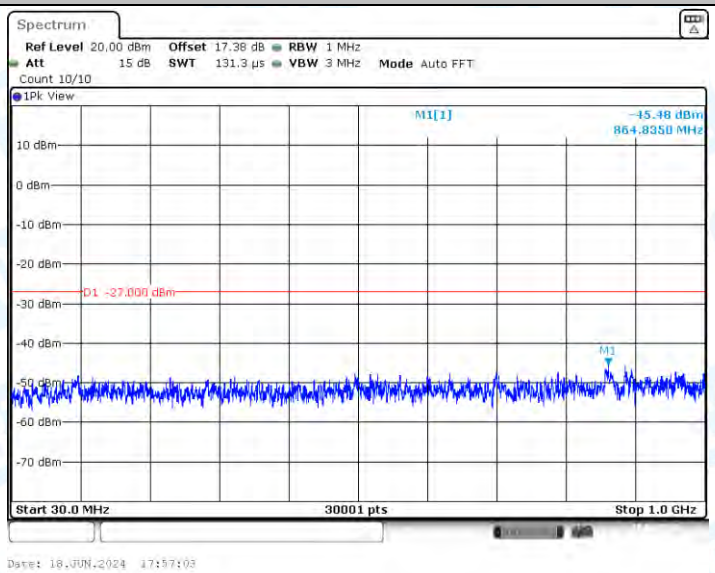

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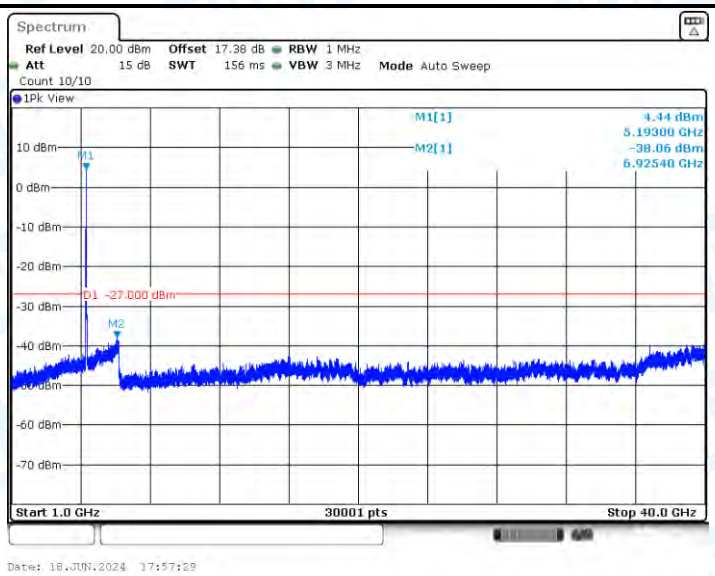

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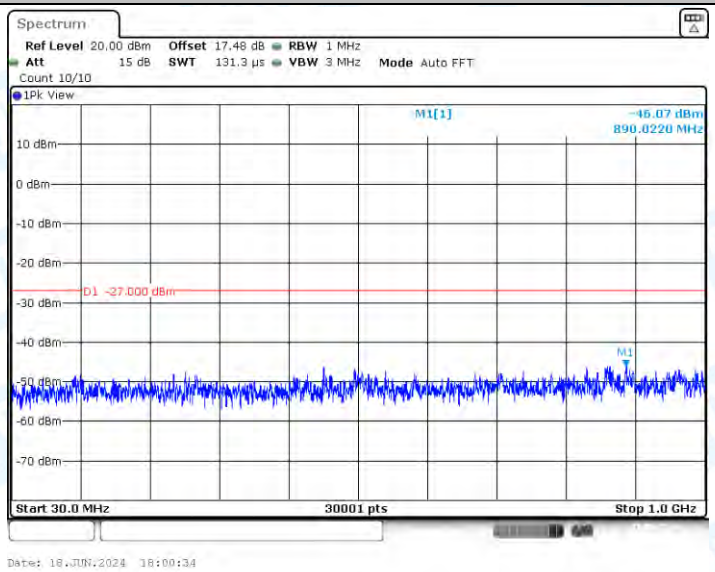

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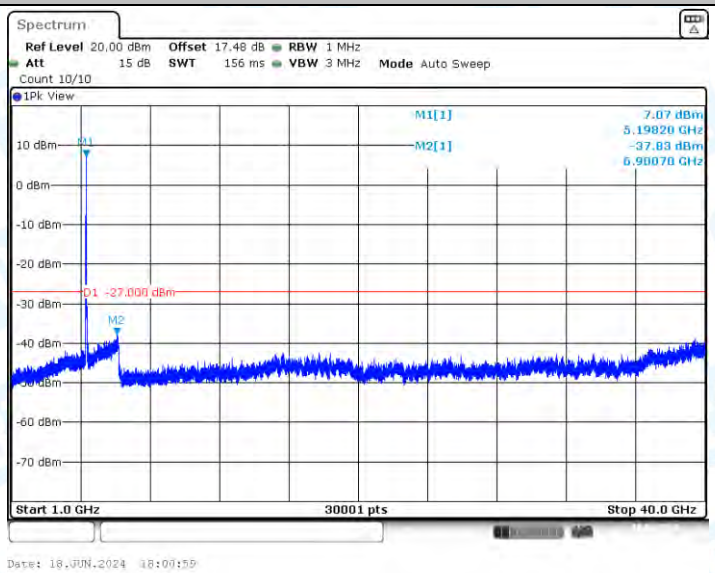

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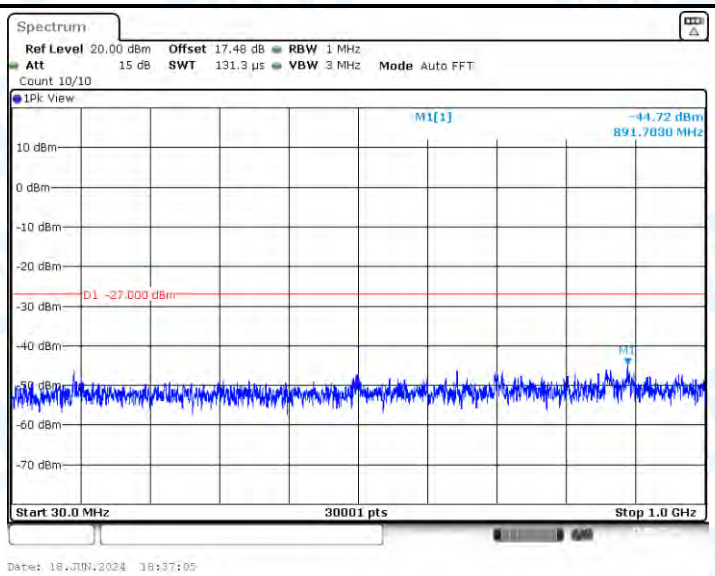

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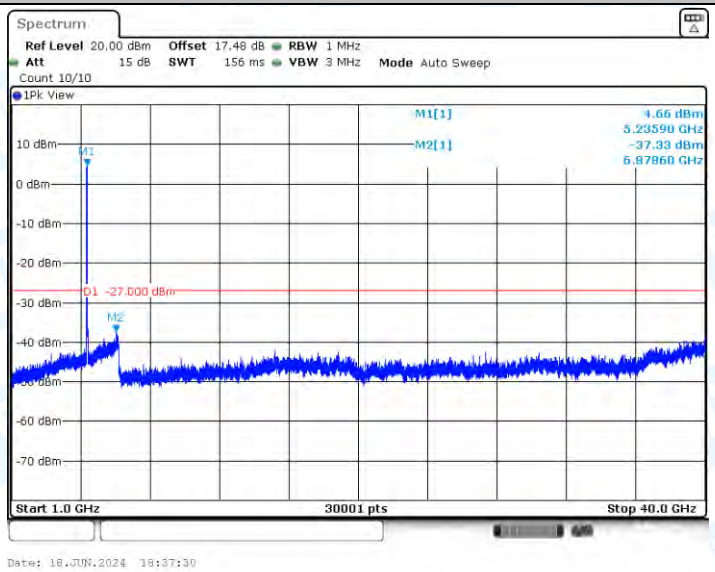
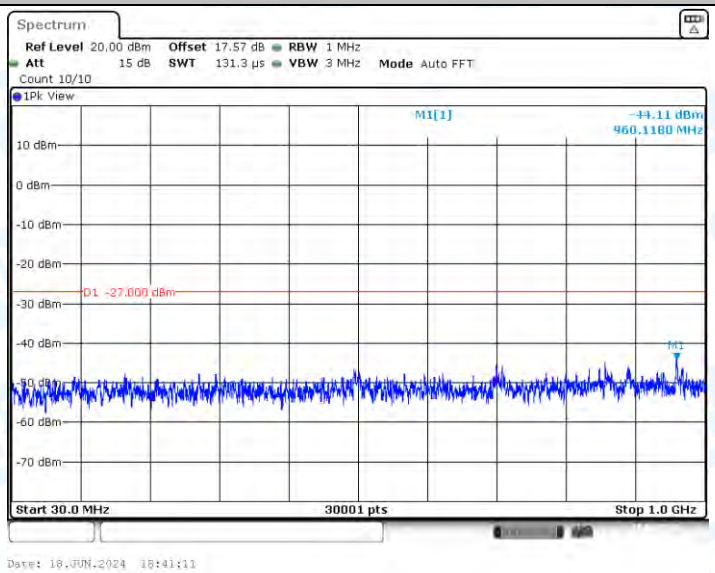


11AC40MIMO_Ant2_5230_30~1000



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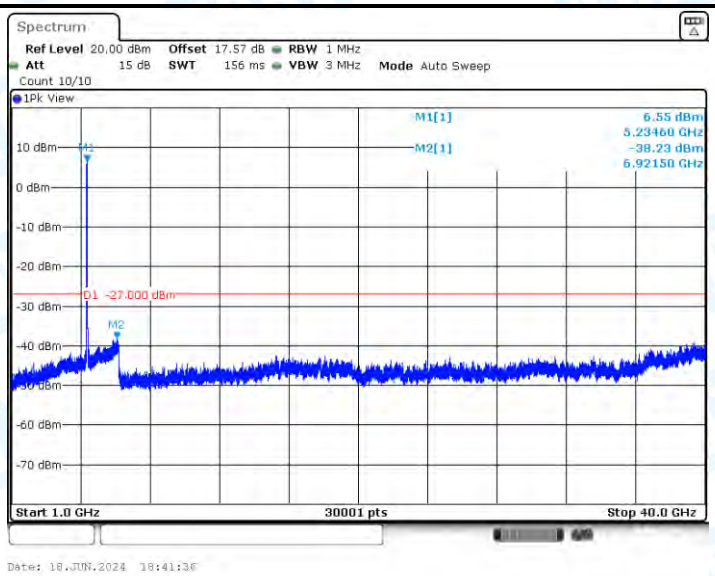

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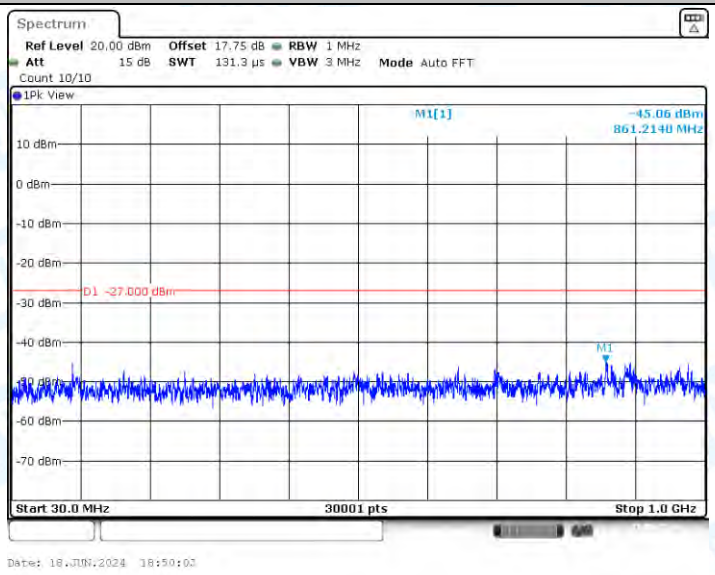

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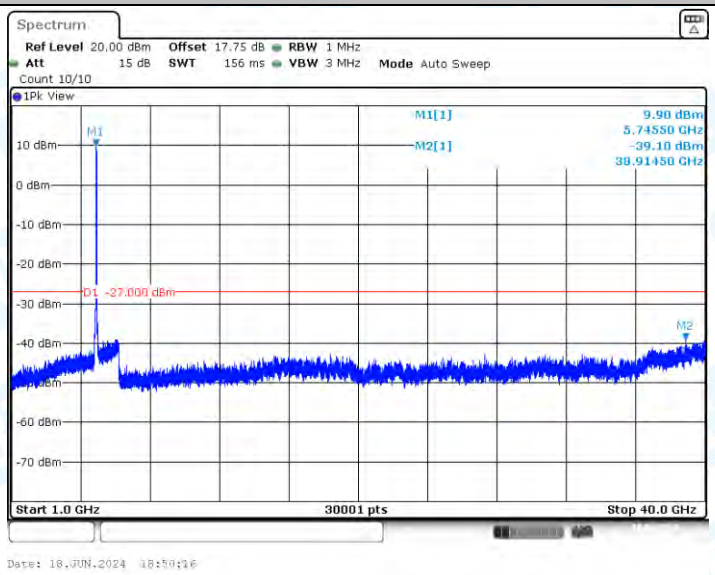

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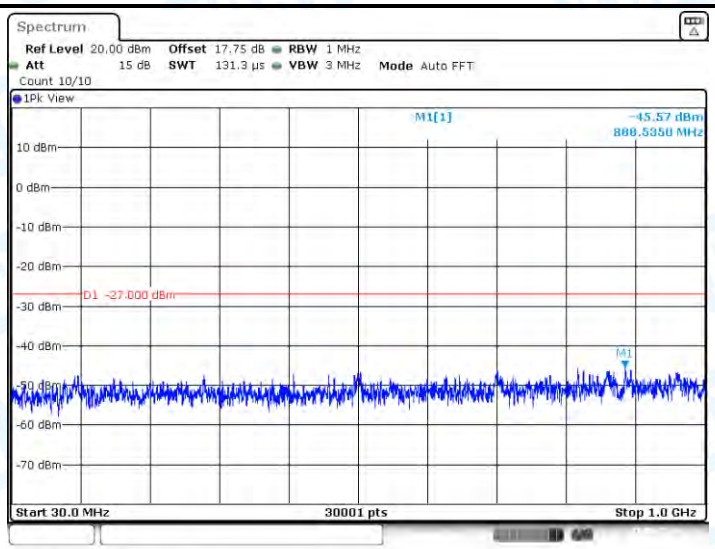

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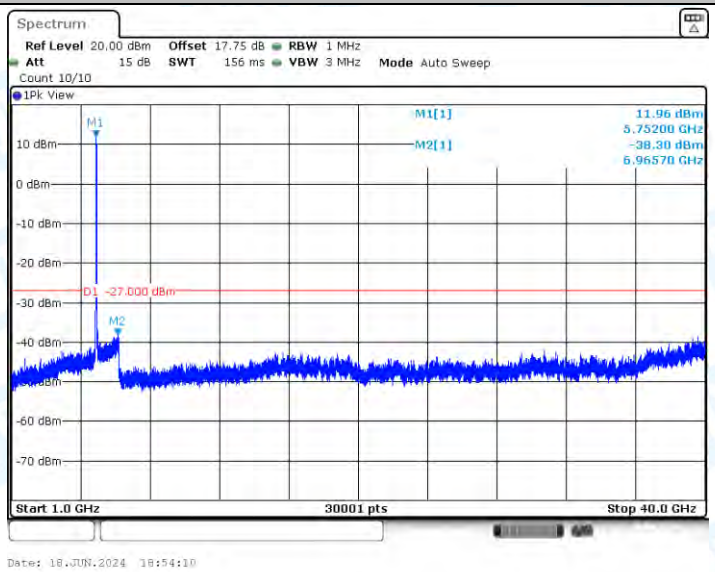

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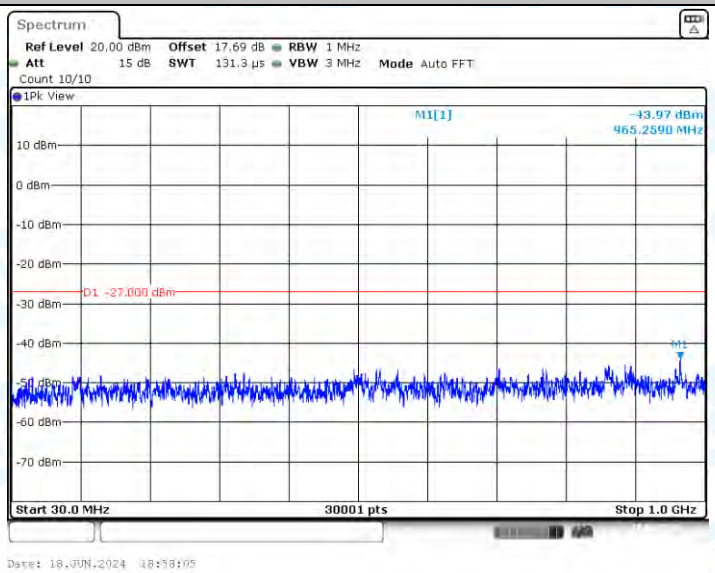

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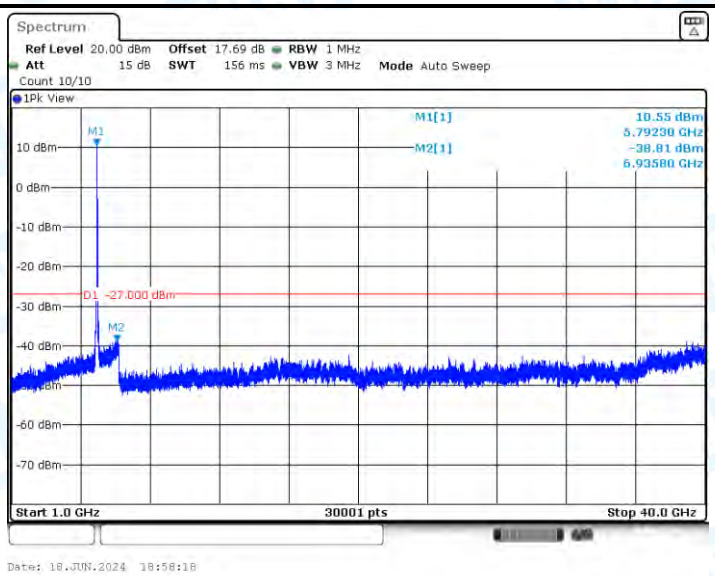

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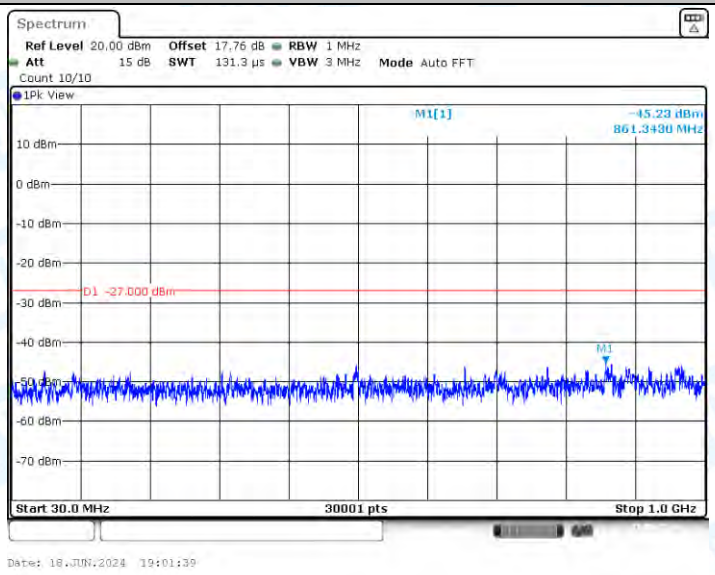

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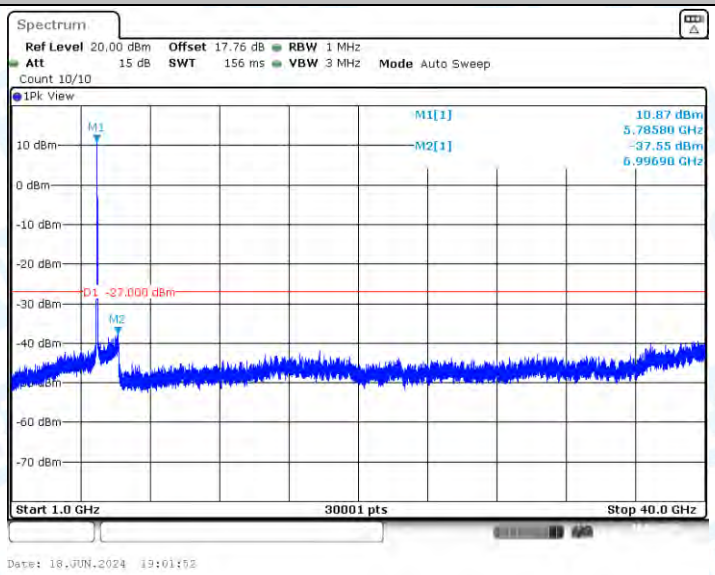

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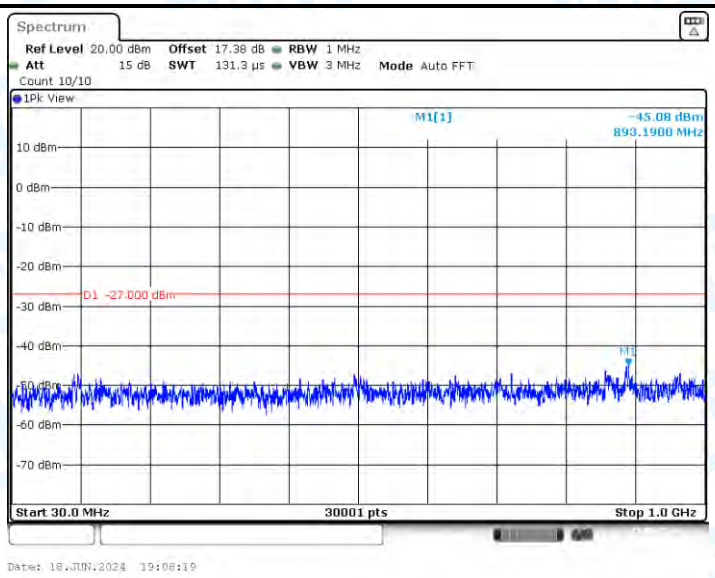

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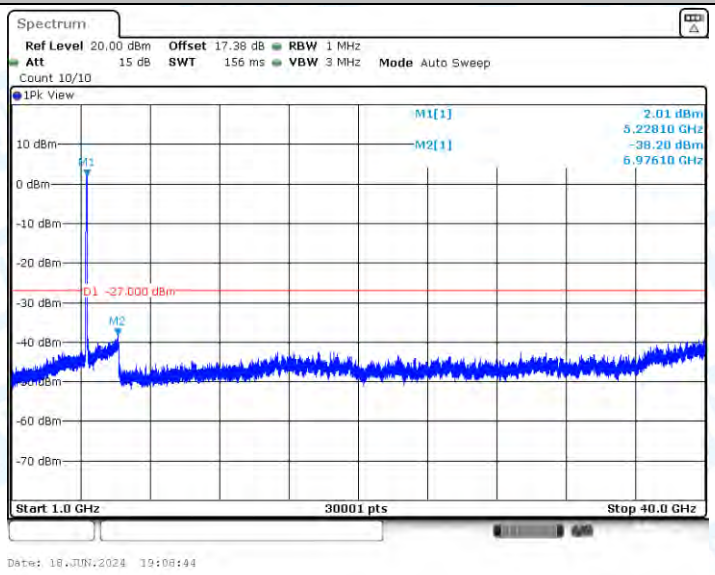

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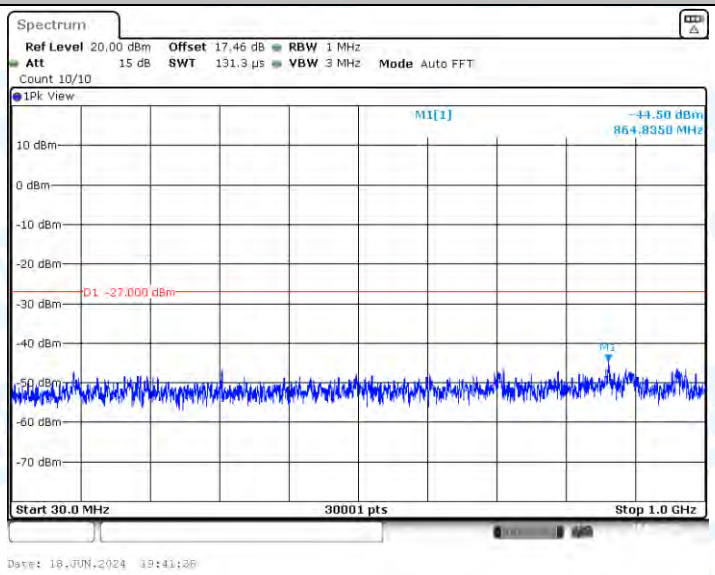

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