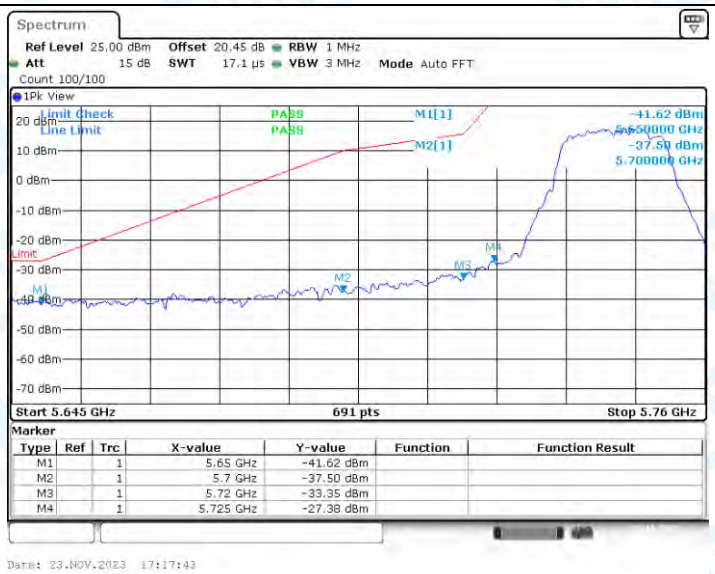
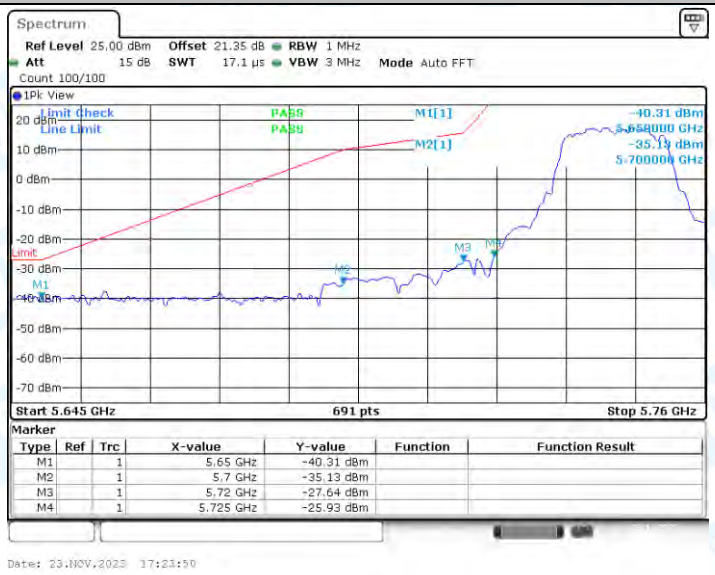
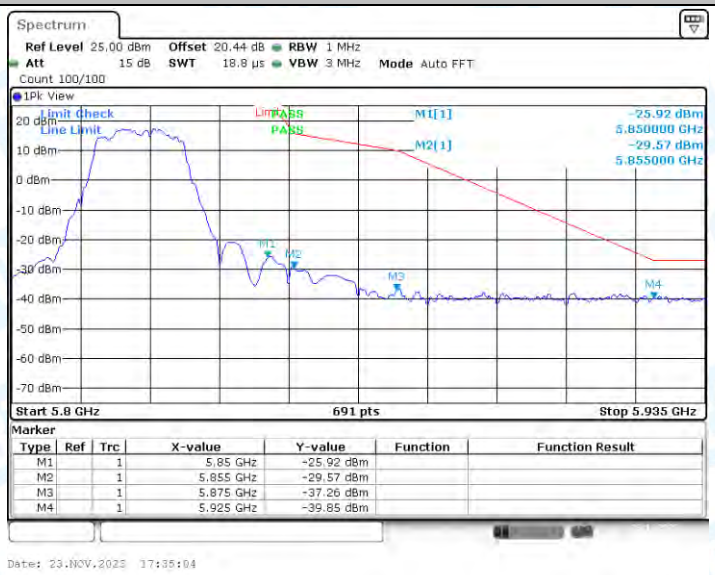


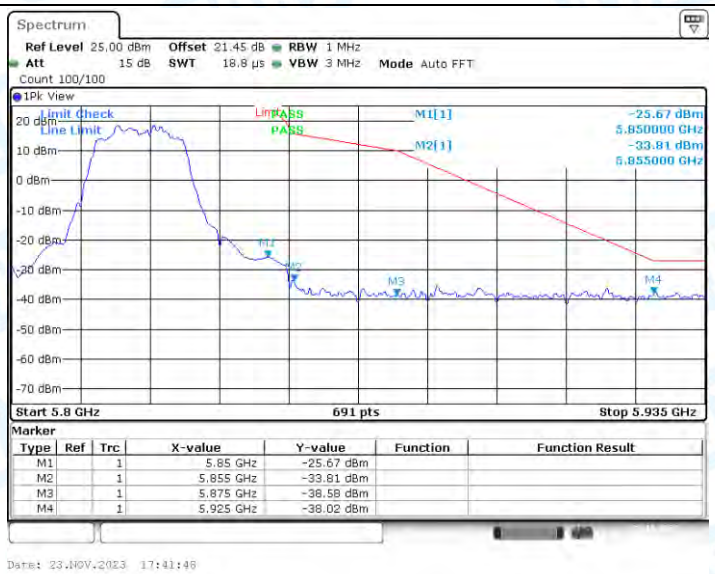
11AC20MIMO_Ant2_Low_5745_Peak



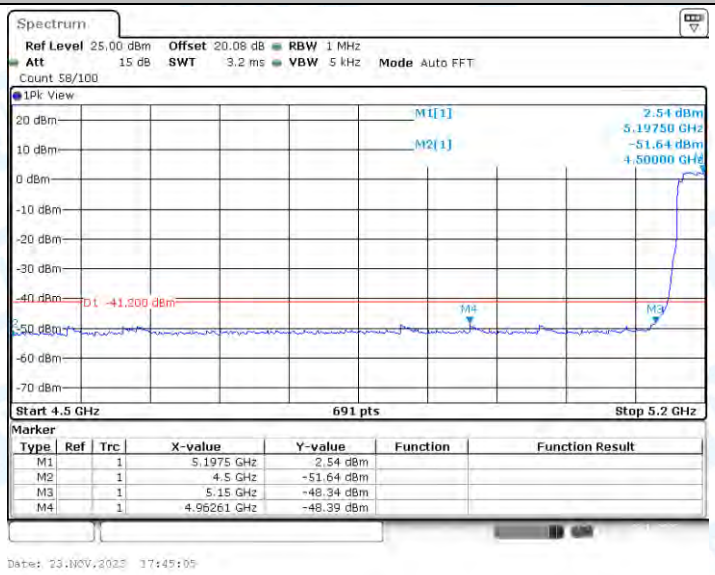
11AC20MIMO_Ant1_High_5825_Peak



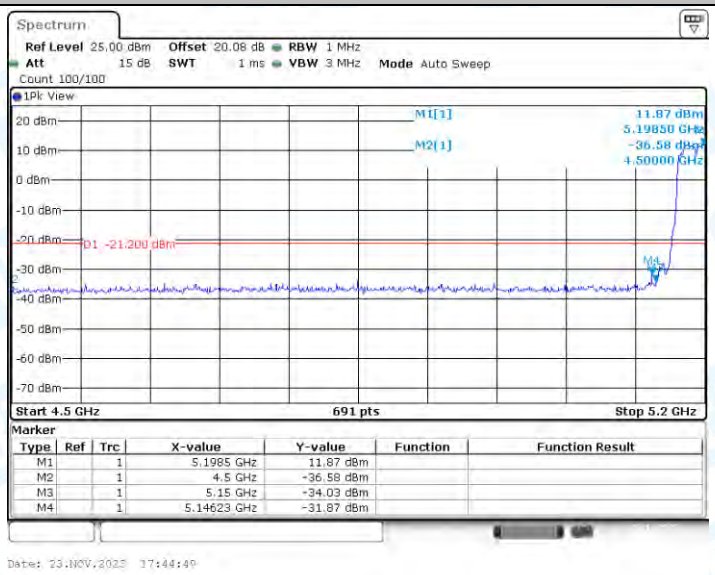
11AC20MIMO_Ant2_High_5825_Peak



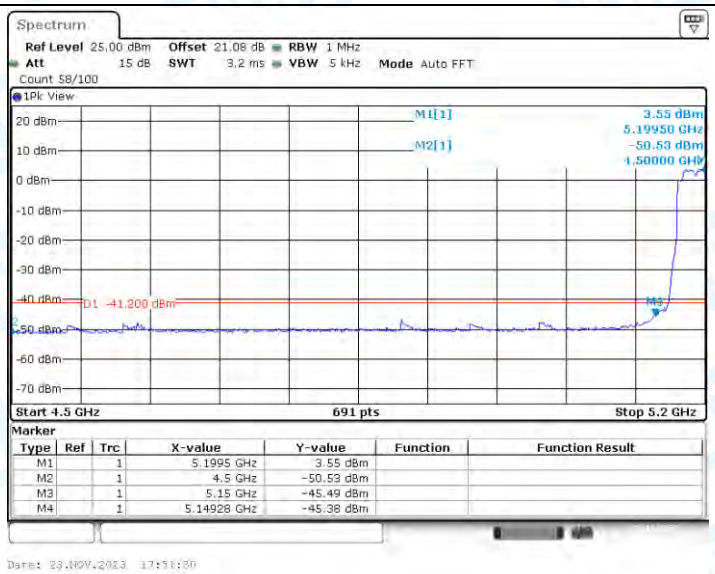
11AC40MIMO_Ant1_Low_5190_AV



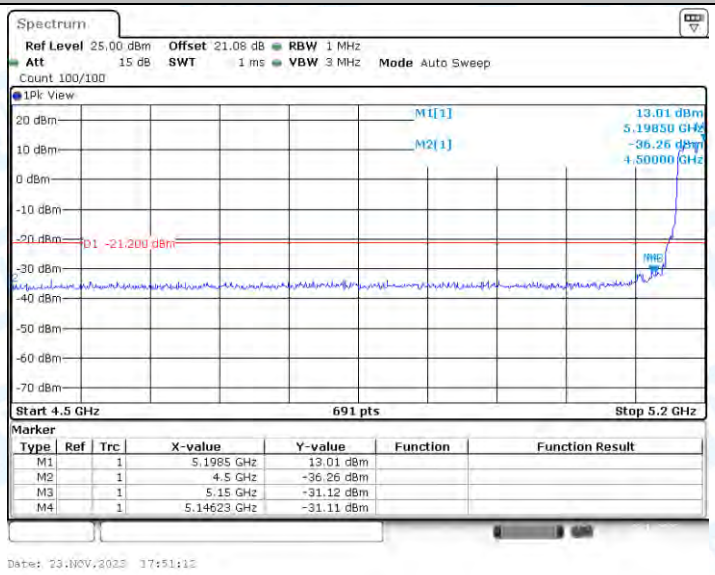
11AC40MIMO_Ant1_Low_5190_Peak



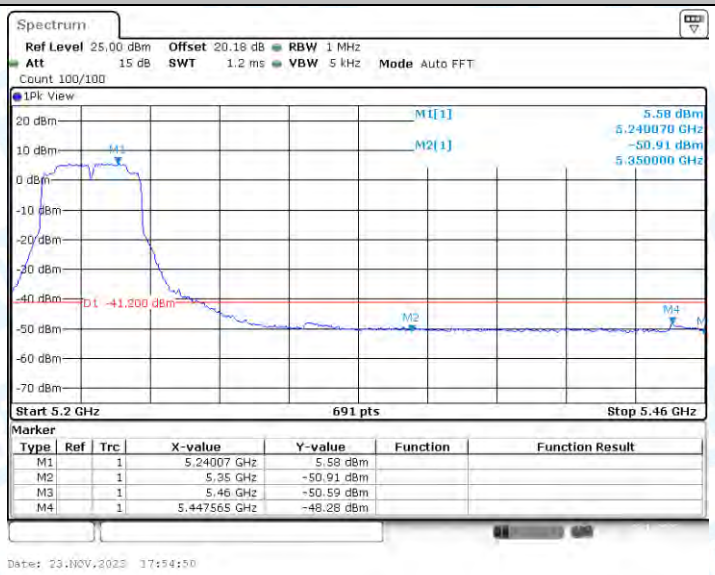
11AC40MIMO_Ant2_Low_5190_AV



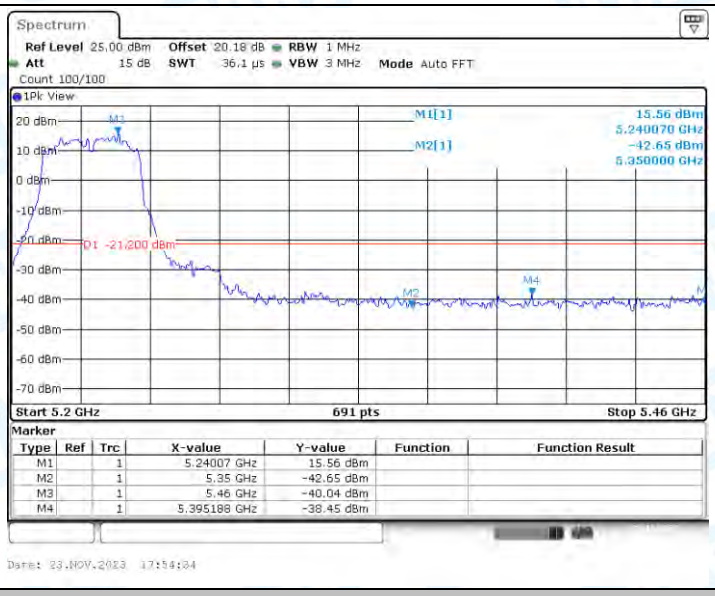
11AC40MIMO_Ant2_Low_5190_Peak



11AC40MIMO_Ant1_High_5230_AV

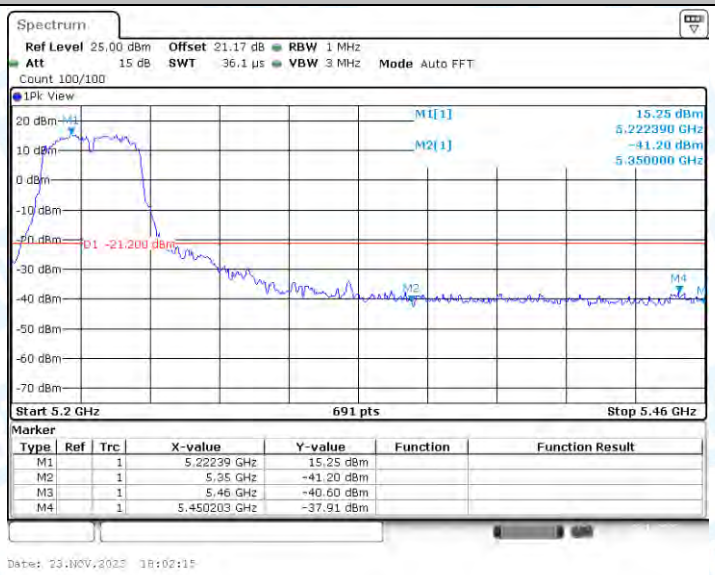


11AC40MIMO_Ant1_High_5230_Peak

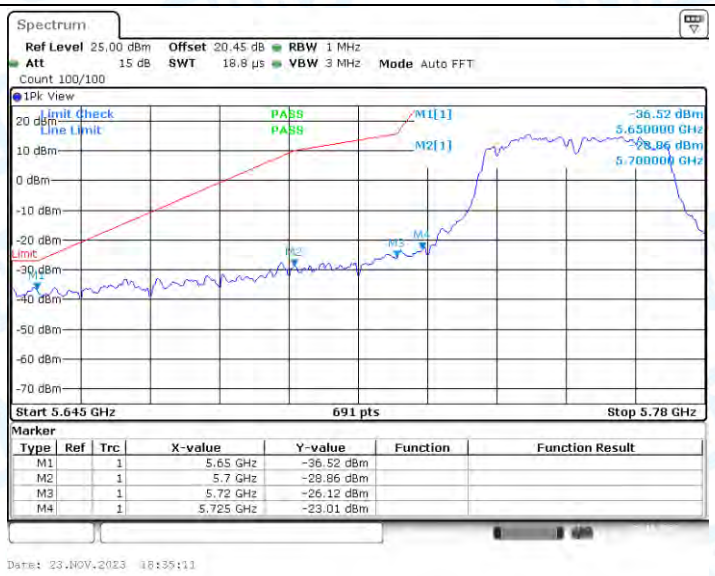


11AC40MIMO_Ant2_High_5230_AV

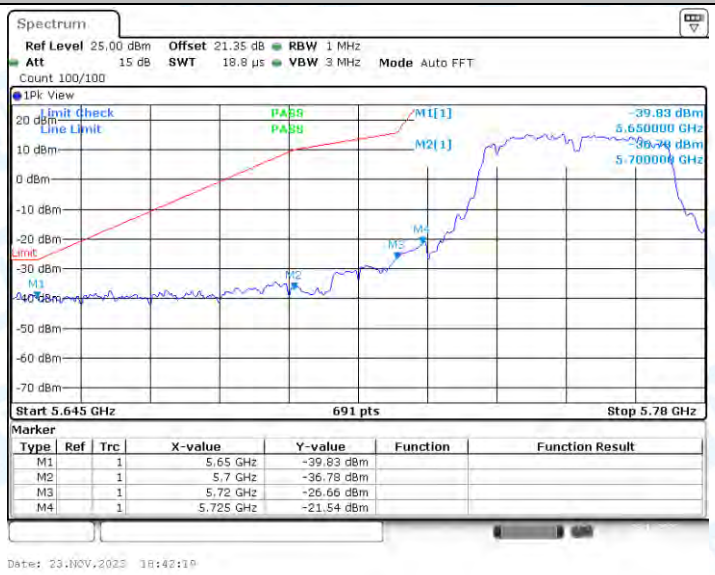
11AC40MIMO_Ant2_High_5230_Peak



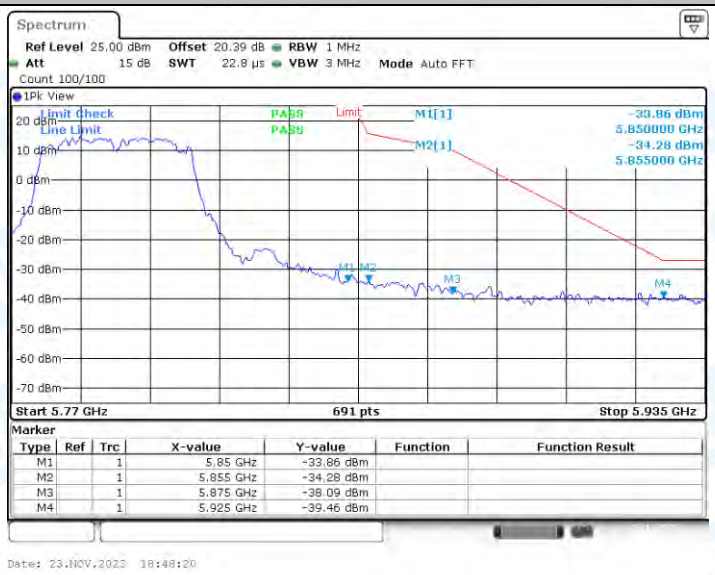
11AC40MIMO_Ant1_Low_5755_Peak



11AC40MIMO_Ant2_Low_5755_Peak

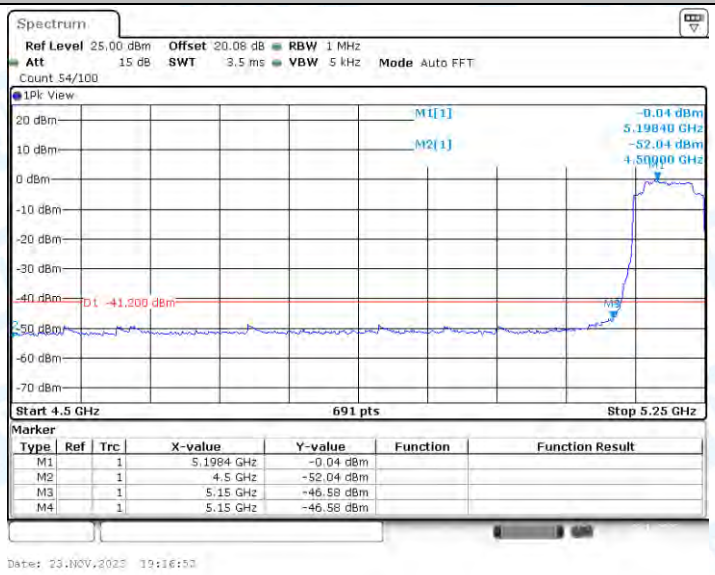


11AC40MIMO_Ant1_High_5795_Peak

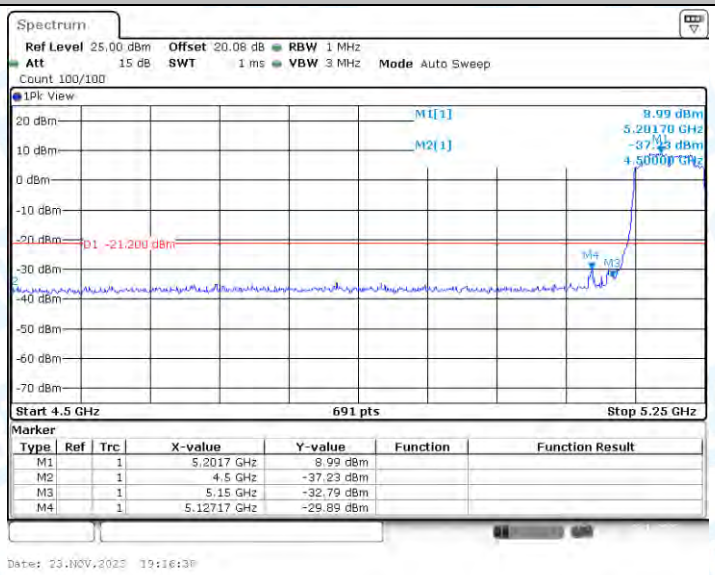


11AC40MIMO_Ant2_High_5795_Peak

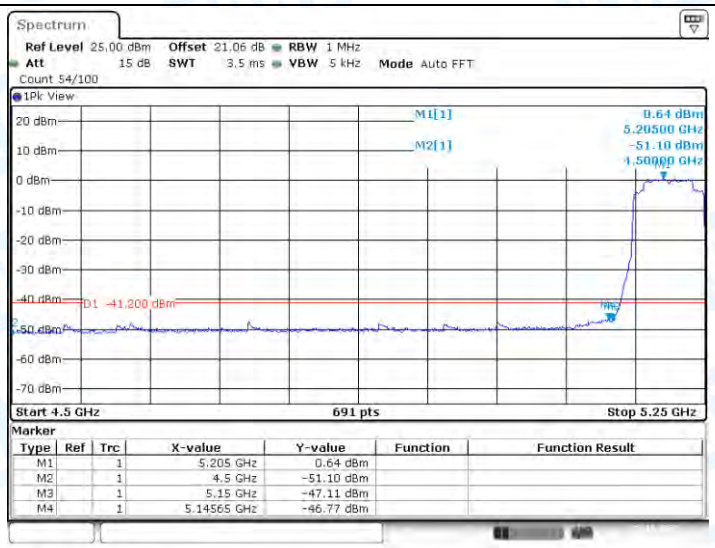
11AC80MIMO_Ant1_Low_5210_AV



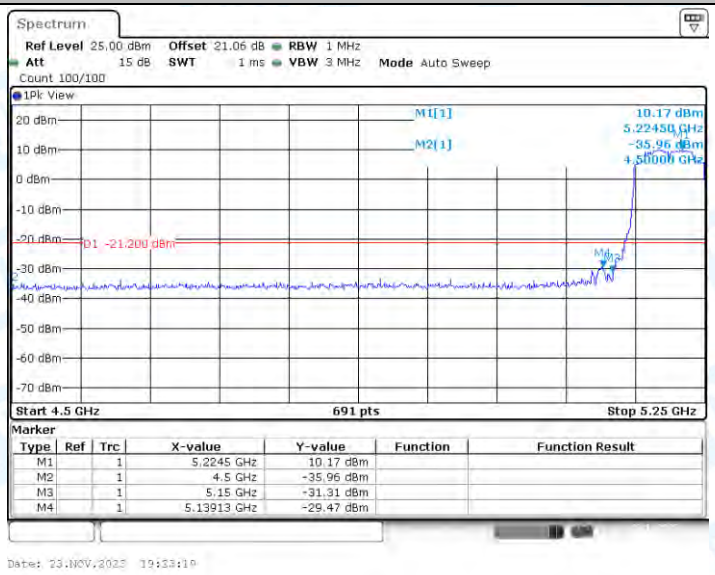
11AC80MIMO_Ant1_Low_5210_Peak



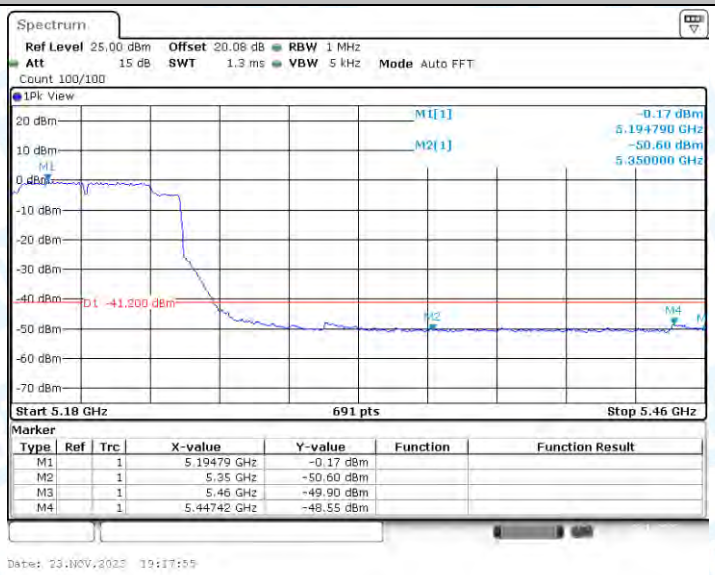
11AC80MIMO_Ant2_Low_5210_AV



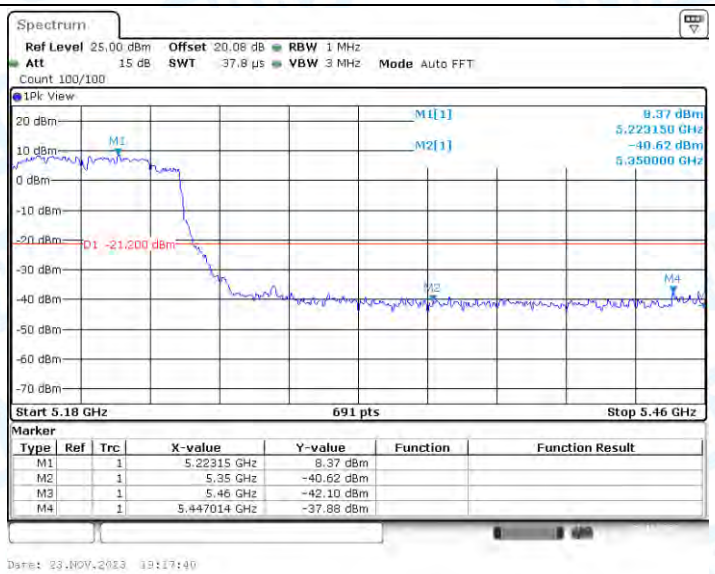
11AC80MIMO_Ant2_Low_5210_Peak



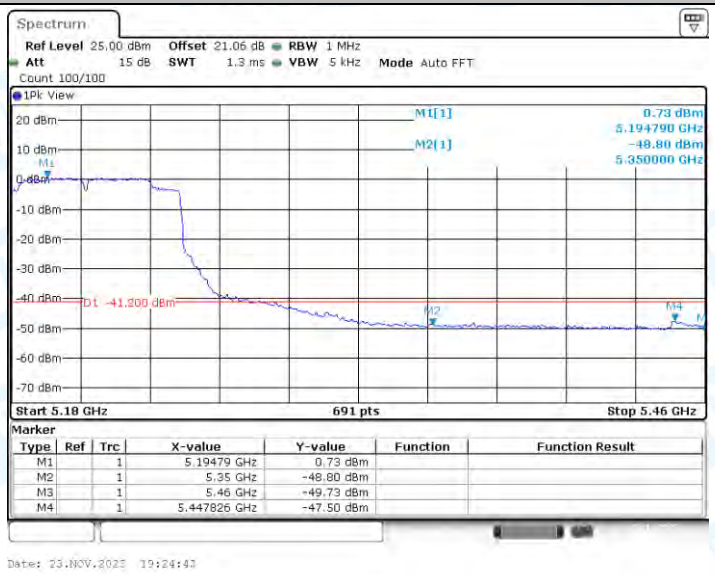
11AC80MIMO_Ant1_High_5210_AV



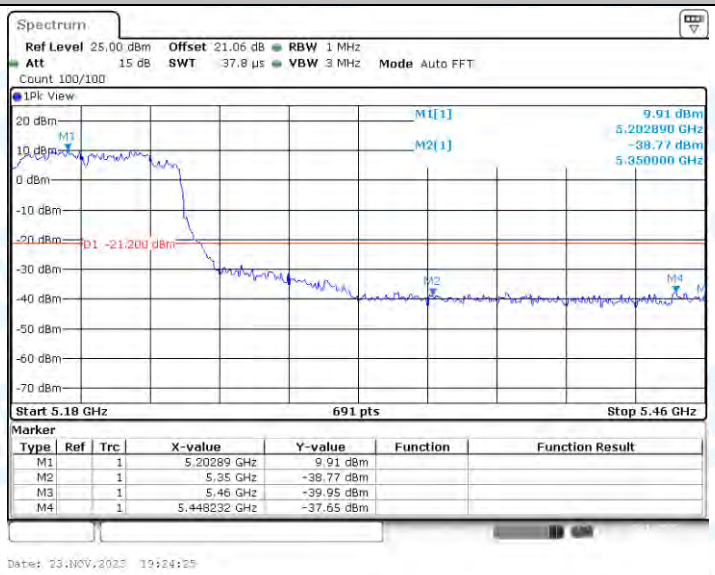
11AC80MIMO_Ant1_High_5210_Peak



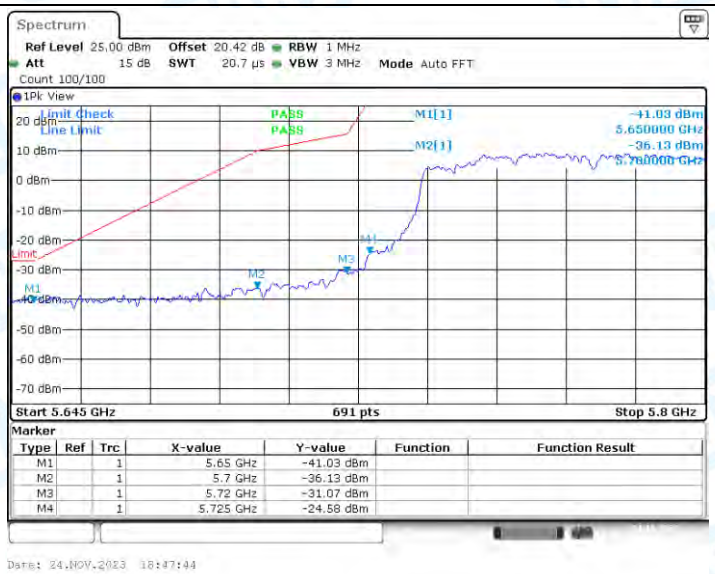
11AC80MIMO_Ant2_High_5210_AV



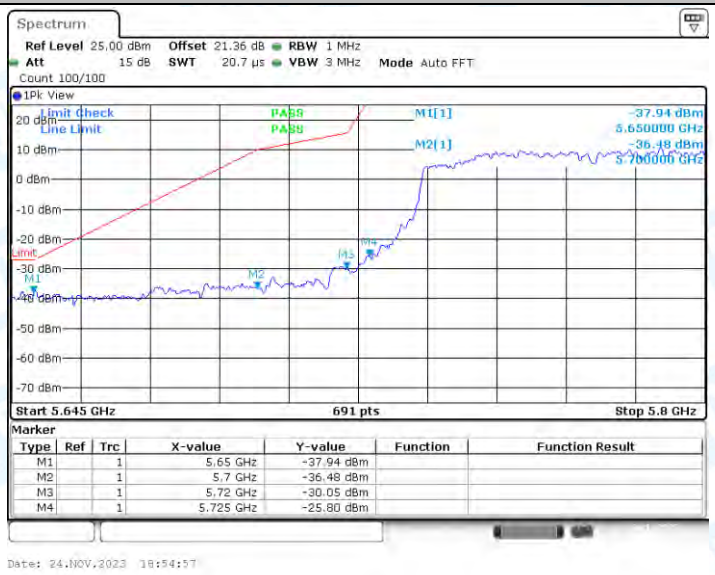
11AC80MIMO_Ant2_High_5210_Peak



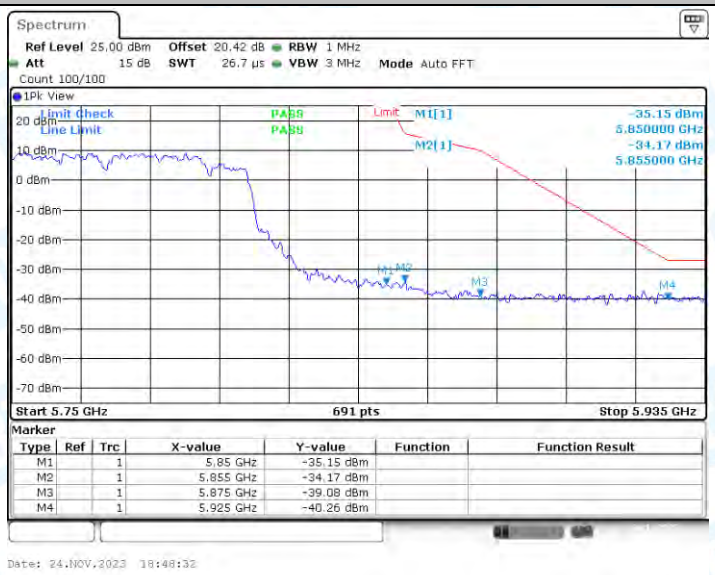
11AC80MIMO_Ant1_Low_5775_Peak



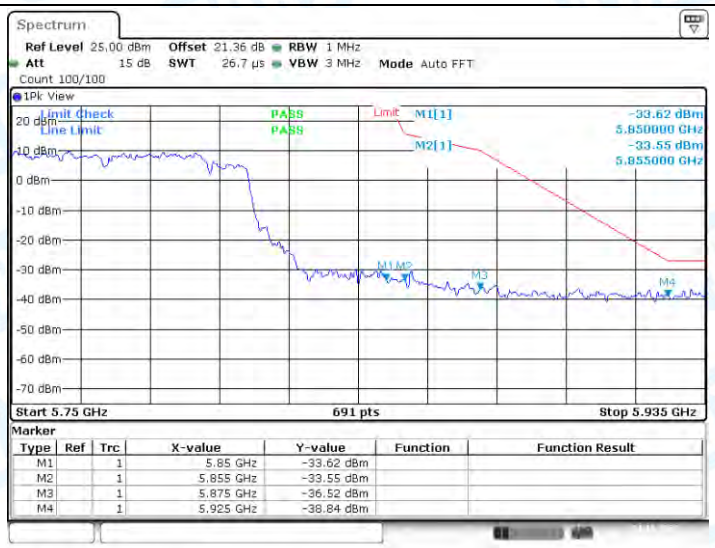
11AC80MIMO_Ant2_Low_5775_Peak



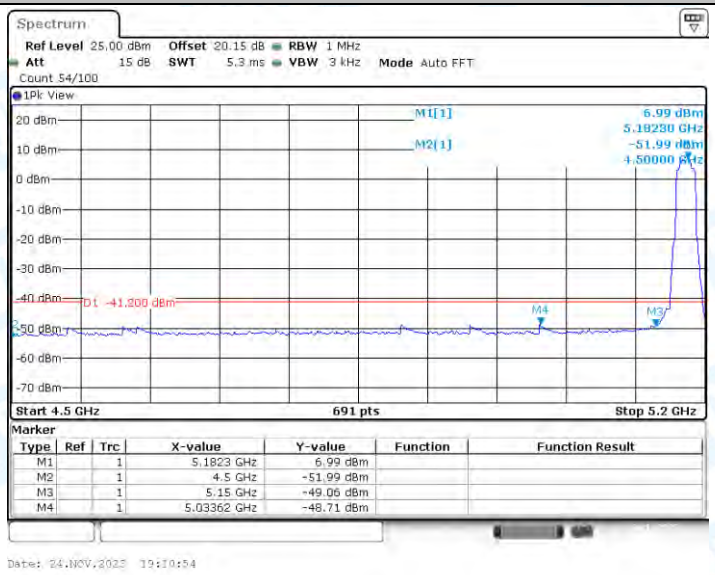
11AC80MIMO_Ant1_High_5775_Peak



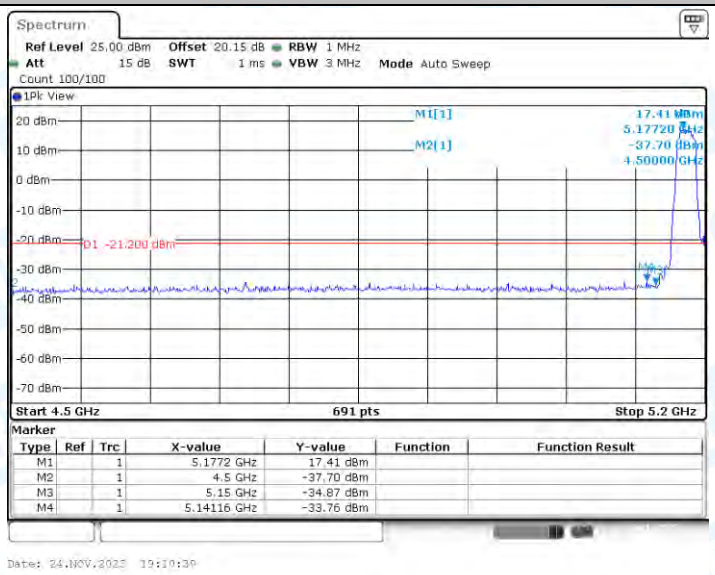
11AC80MIMO_Ant2_High_5775_Peak



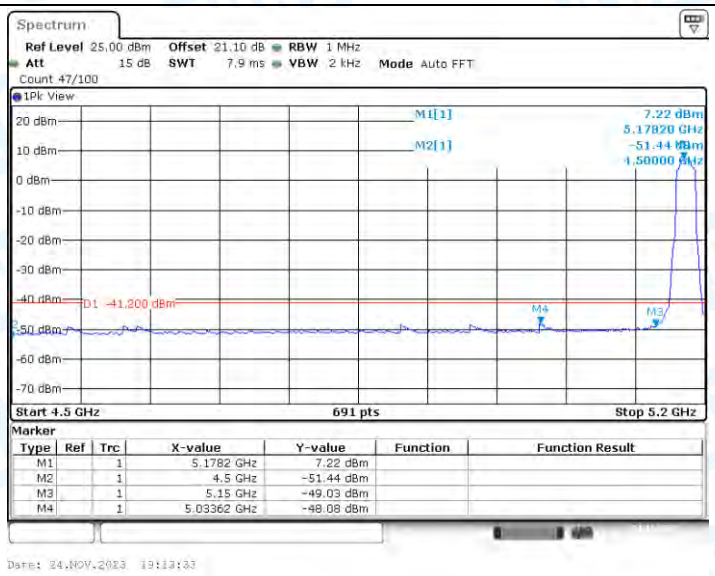
11AX20MIMO_Ant1_Low_5180_AV



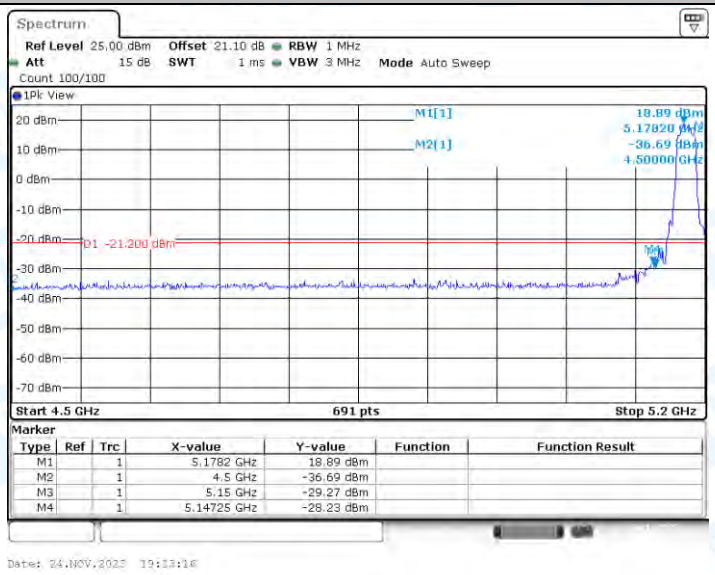
11AX20MIMO_Ant1_Low_5180_Peak



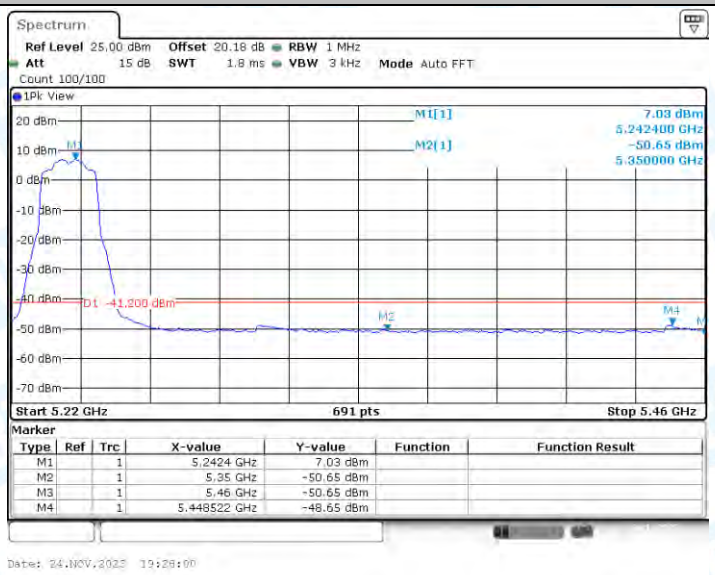
11AX20MIMO_Ant2_Low_5180_AV



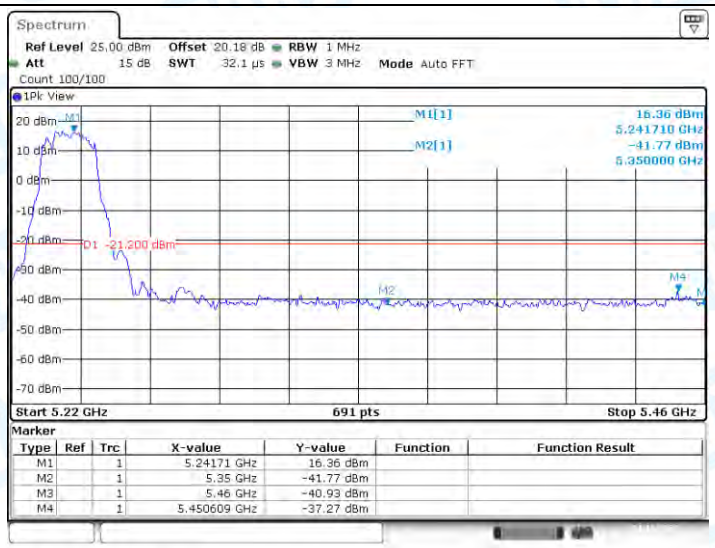
11AX20MIMO_Ant2_Low_5180_Peak



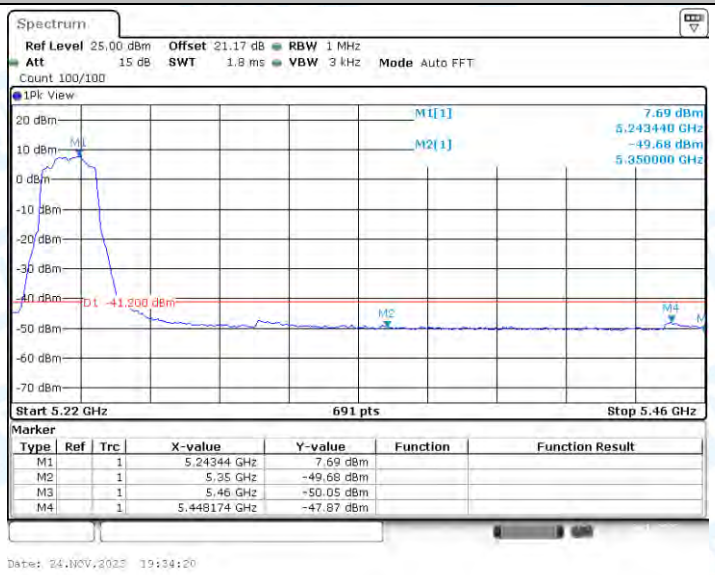
11AX20MIMO_Ant1_High_5240_AV



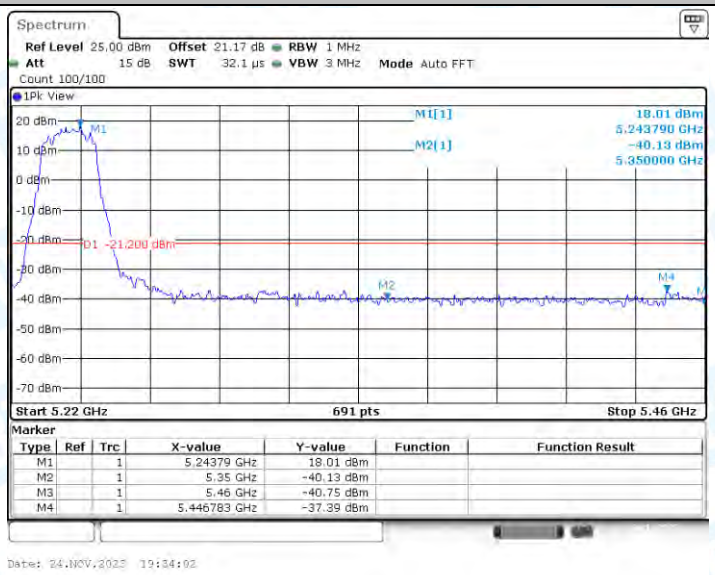
11AX20MIMO_Ant1_High_5240_Peak



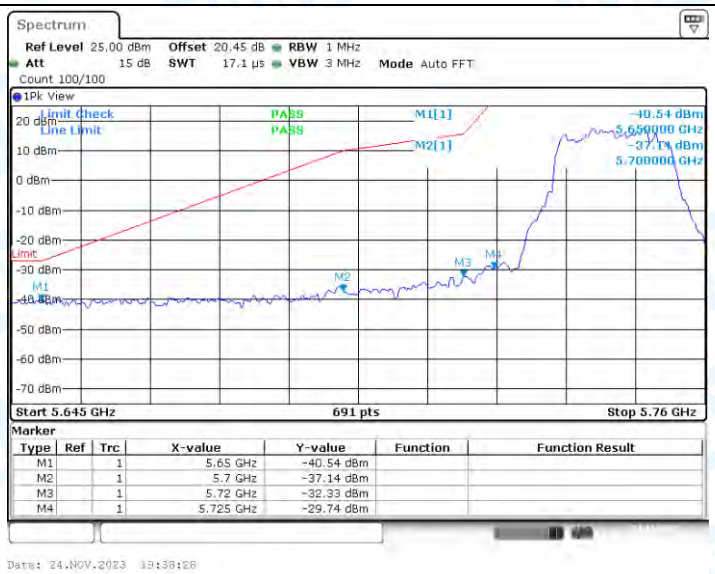
11AX20MIMO_Ant2_High_5240_AV



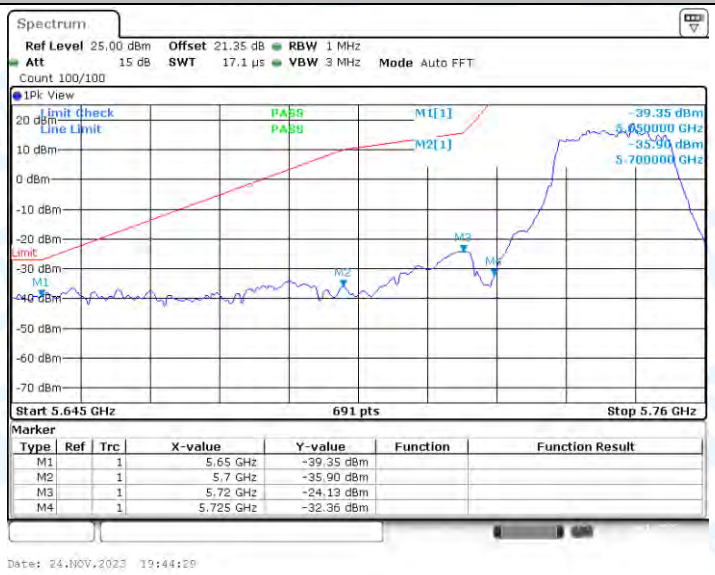
11AX20MIMO_Ant2_High_5240_Peak



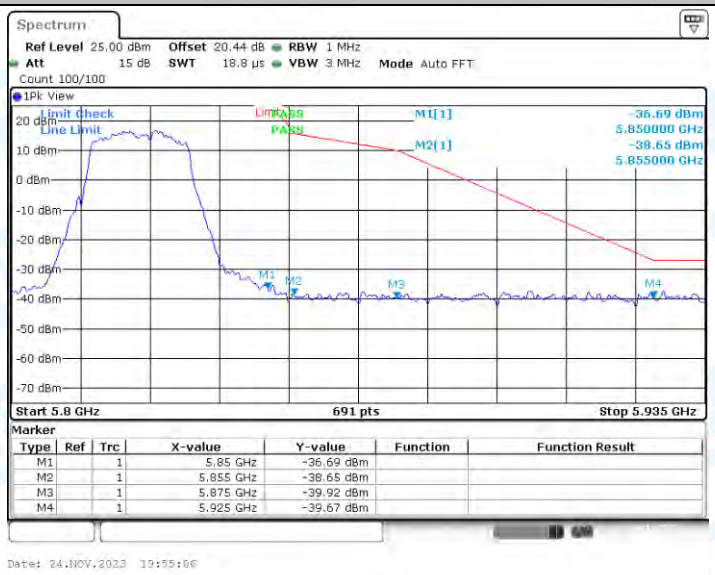
11AX20MIMO_Ant1_Low_5745_Peak



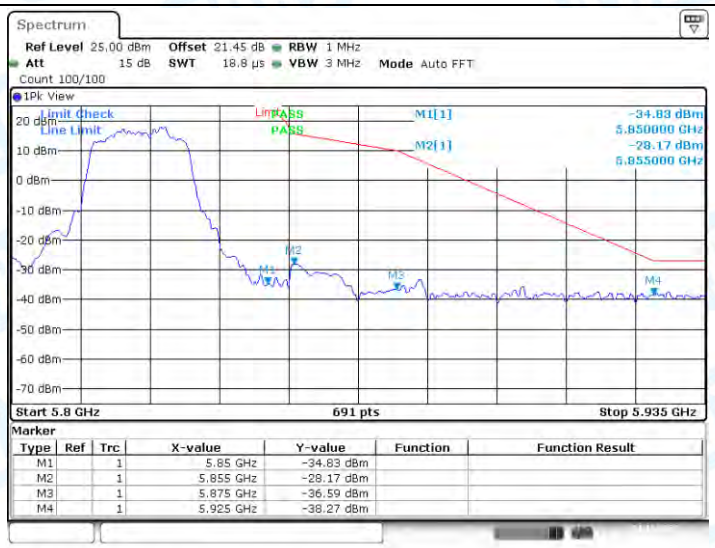
11AX20MIMO_Ant2_Low_5745_Peak



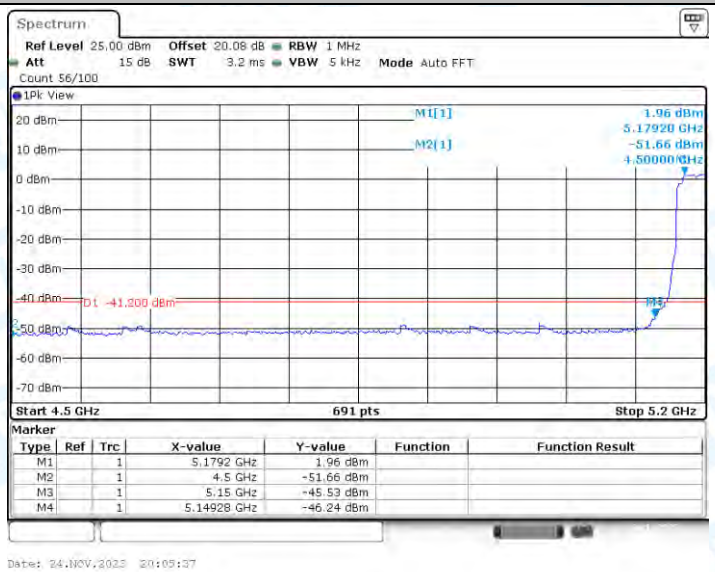
11AX20MIMO_Ant1_High_5825_Peak



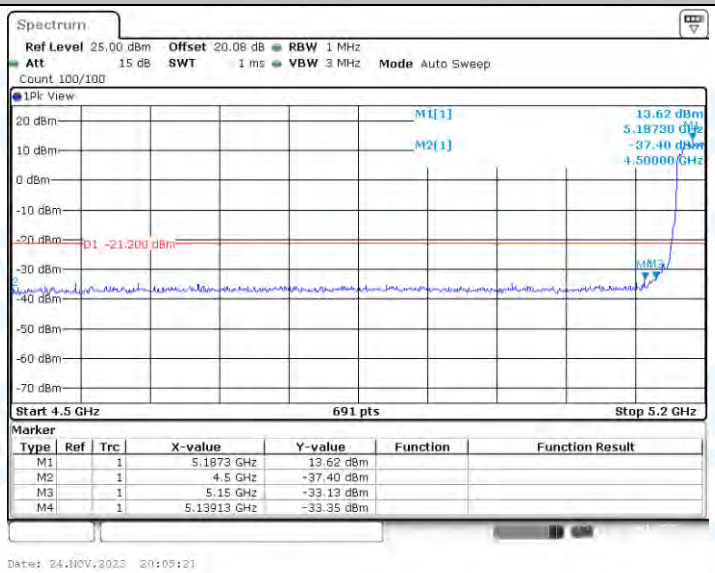
11AX20MIMO_Ant2_High_5825_Peak



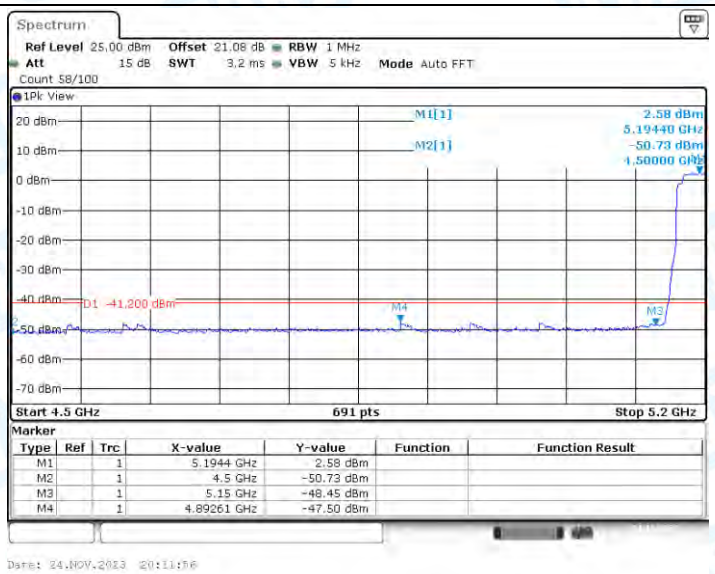
11AX40MIMO_Ant1_Low_5190_AV



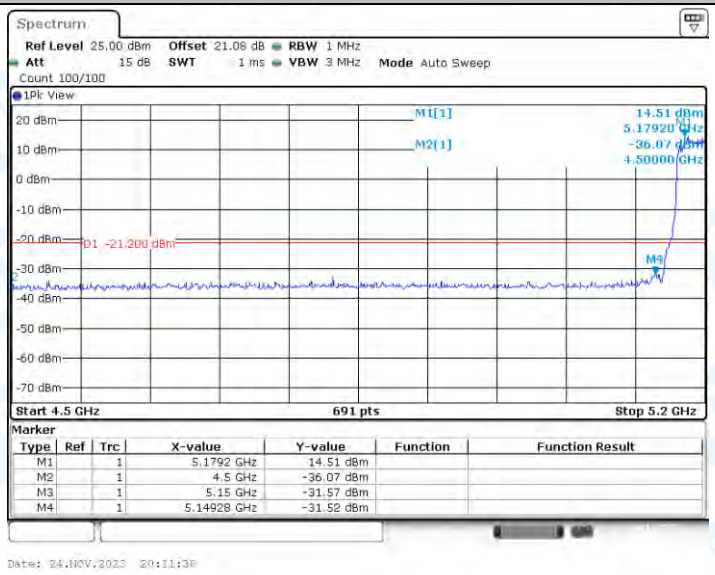
11AX40MIMO_Ant1_Low_5190_Peak



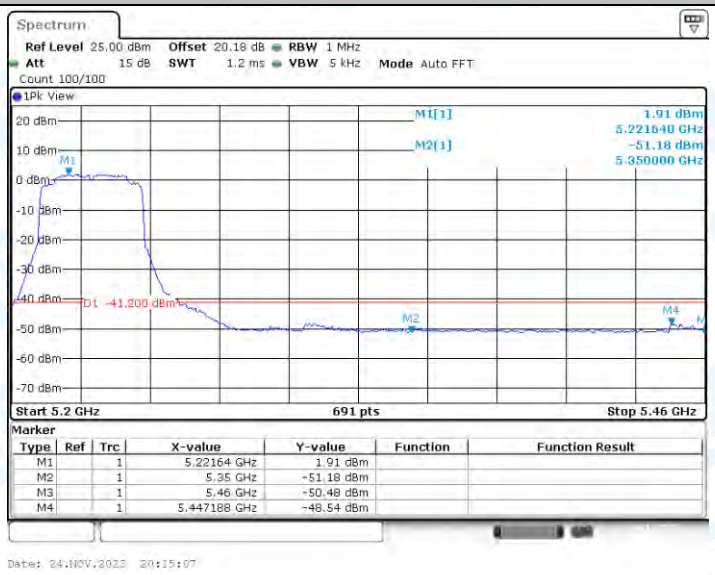
11AX40MIMO_Ant2_Low_5190_AV



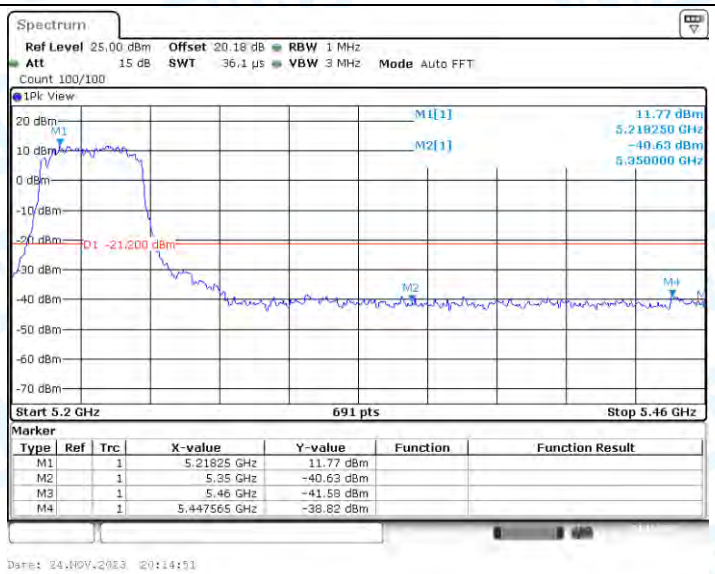
11AX40MIMO_Ant2_Low_5190_Peak



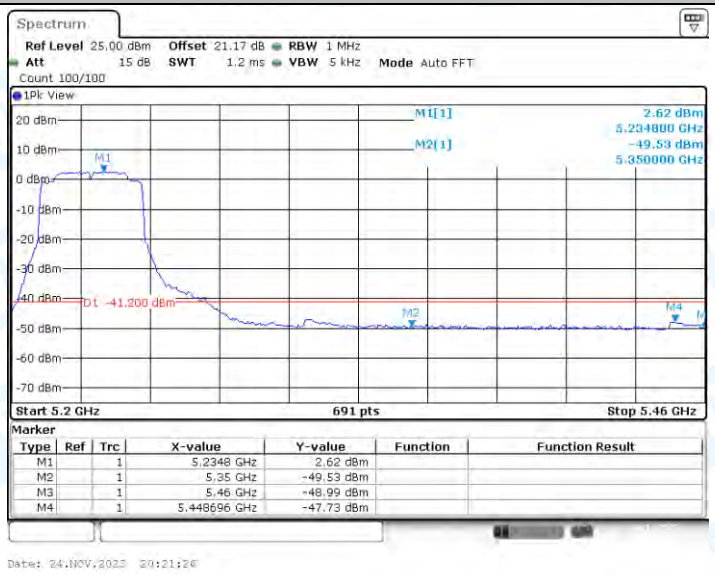
11AX40MIMO_Ant1_High_5230_AV



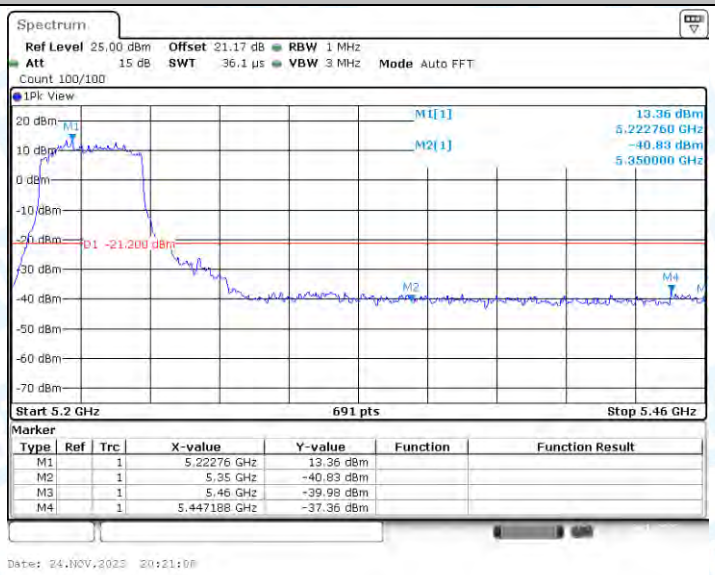
11AX40MIMO_Ant1_High_5230_Peak



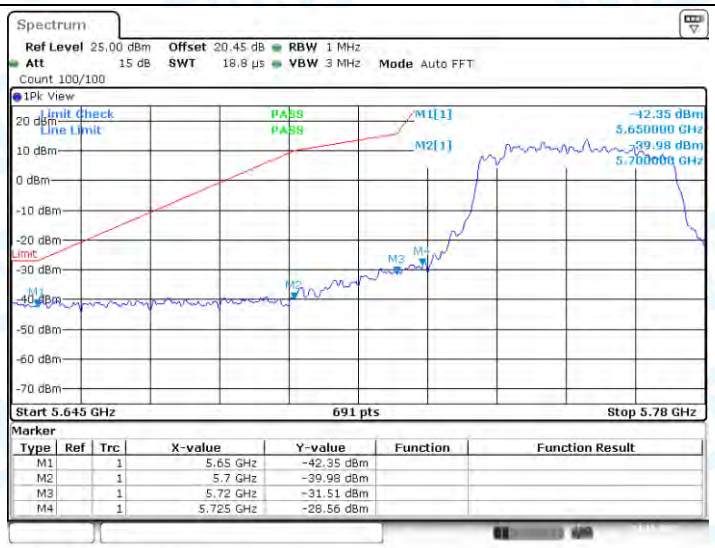
11AX40MIMO_Ant2_High_5230_AV



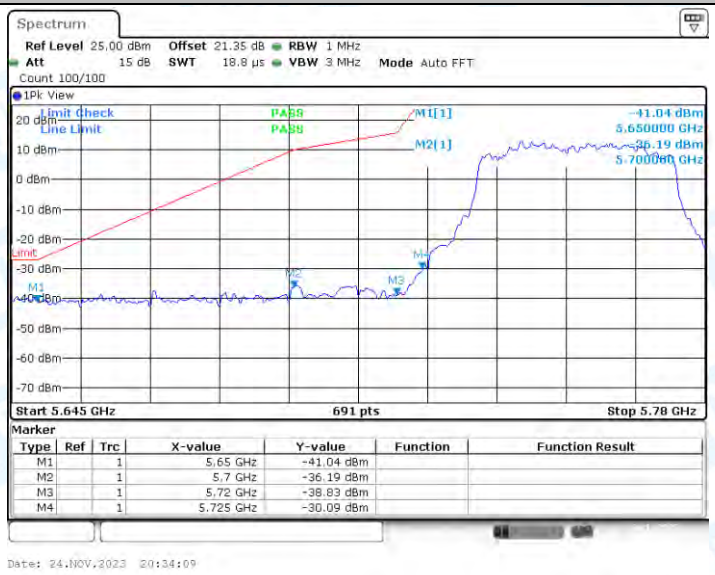
11AX40MIMO_Ant2_High_5230_Peak



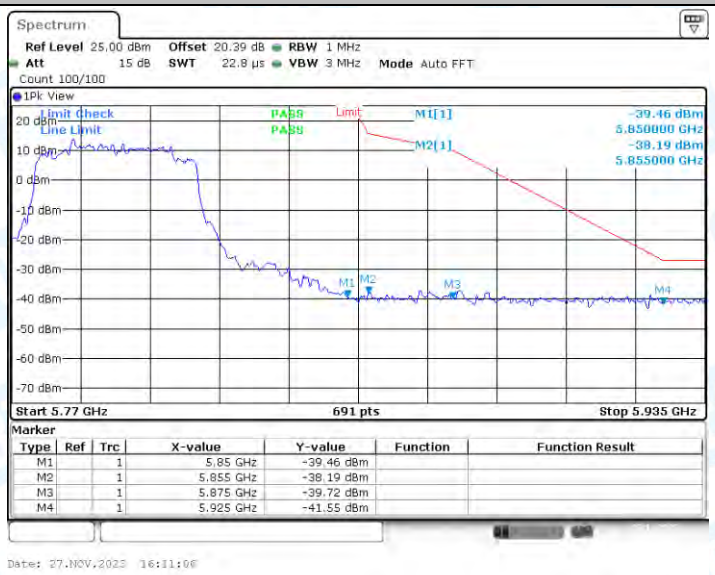
11AX40MIMO_Ant1_Low_5755_Peak



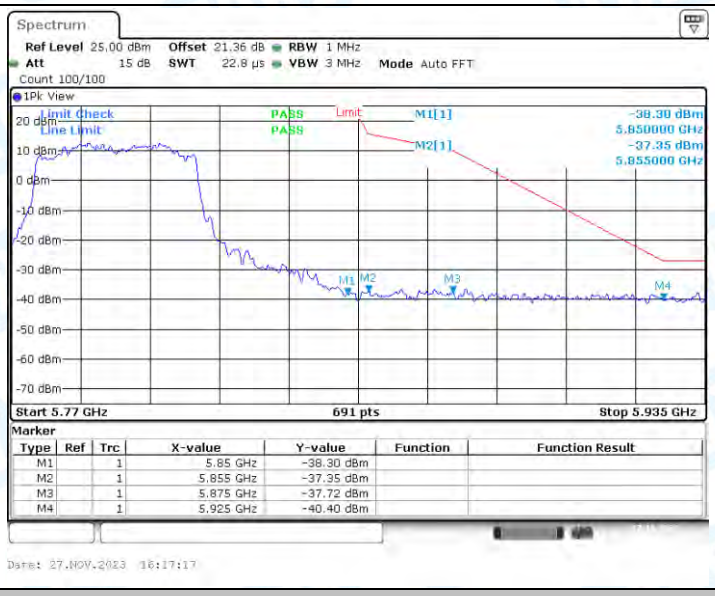
11AX40MIMO_Ant2_Low_5755_Peak



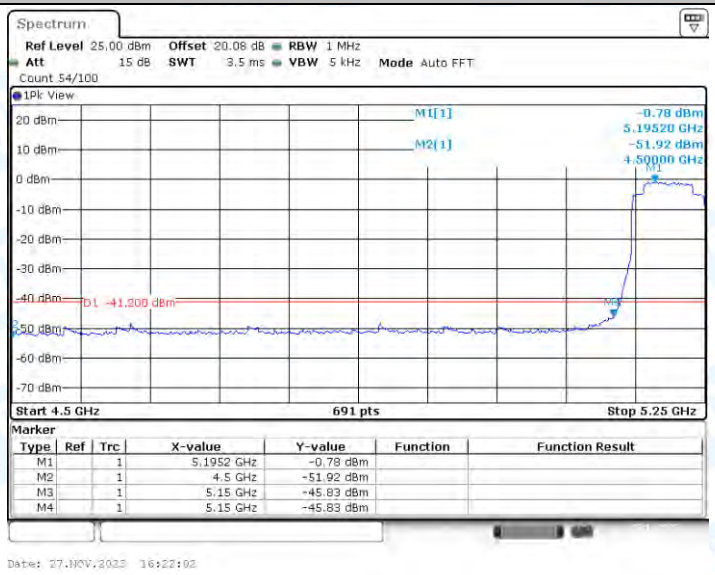
11AX40MIMO_Ant1_High_5795_Peak



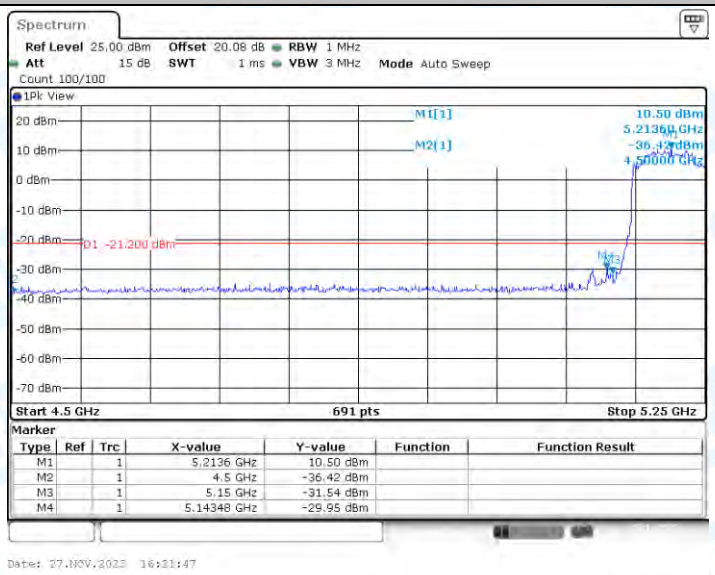
11AX40MIMO_Ant2_High_5795_Peak



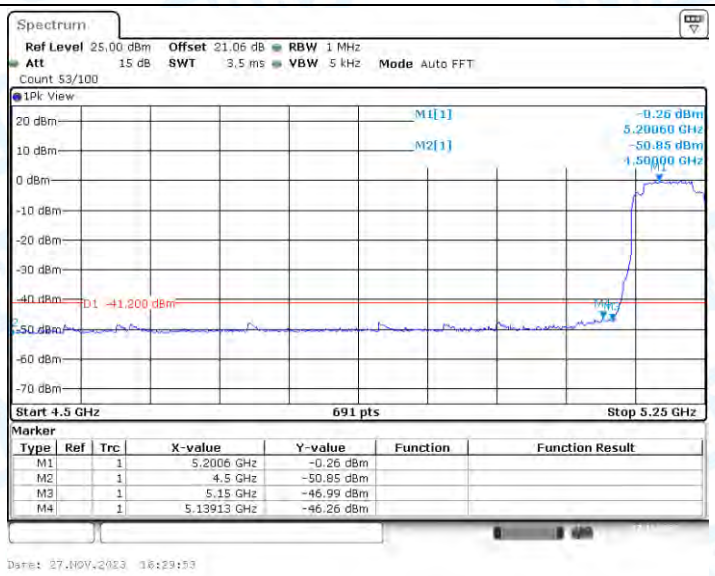
11AX80MIMO_Ant1_Low_5210_AV



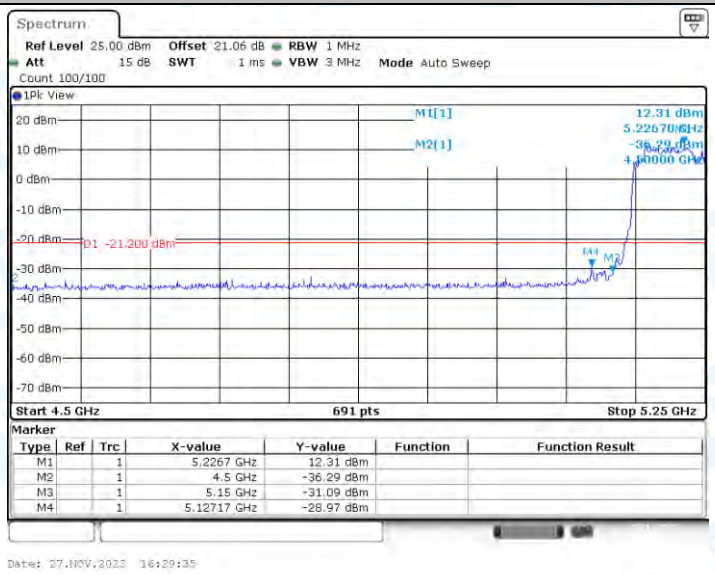
11AX80MIMO_Ant1_Low_5210_Peak



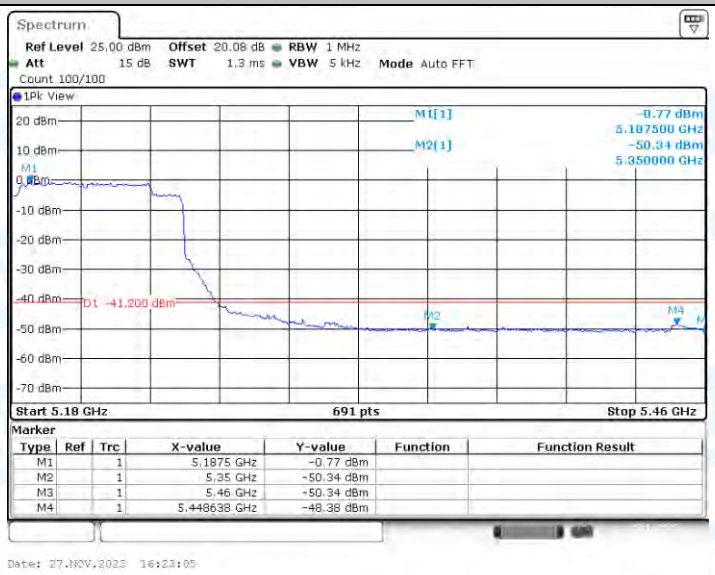
11AX80MIMO_Ant2_Low_5210_AV



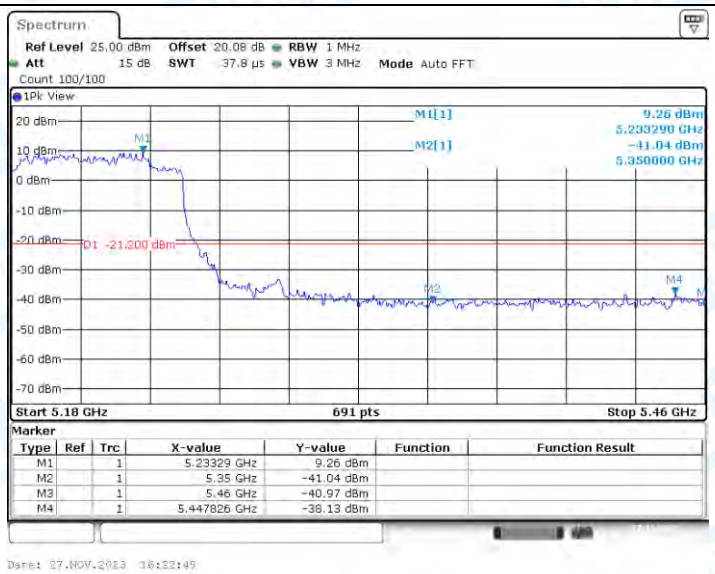
11AX80MIMO_Ant2_Low_5210_Peak



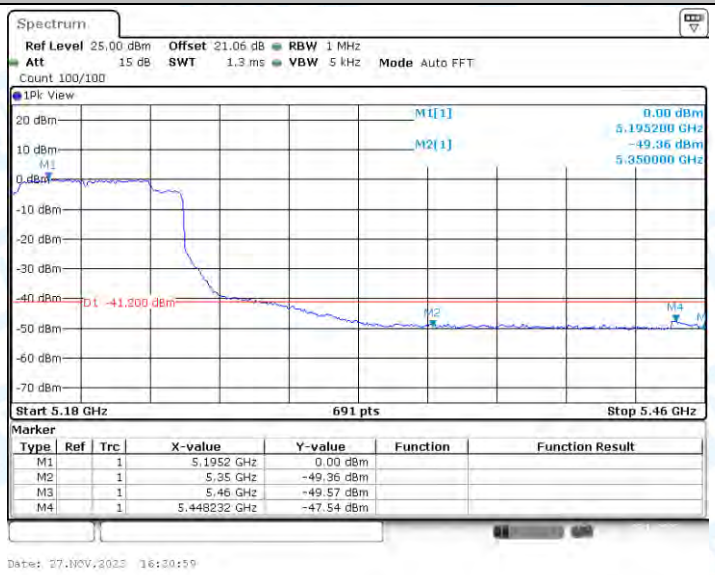
11AX80MIMO_Ant1_High_5210_AV



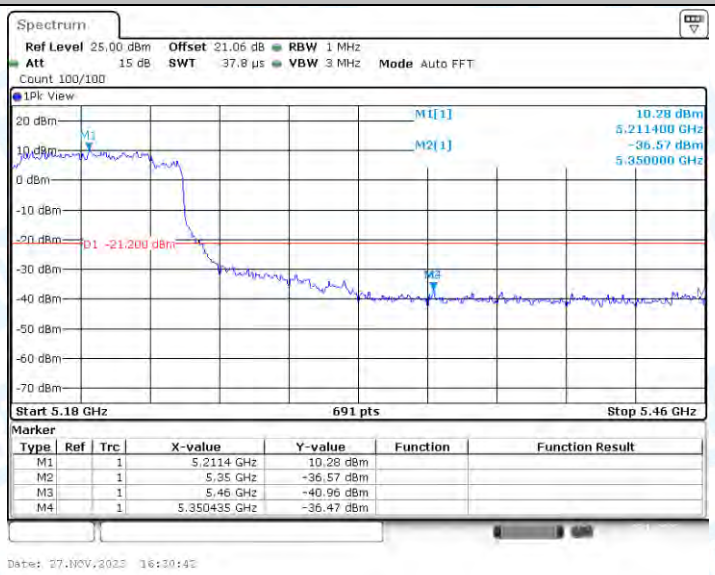
11AX80MIMO_Ant1_High_5210_Peak



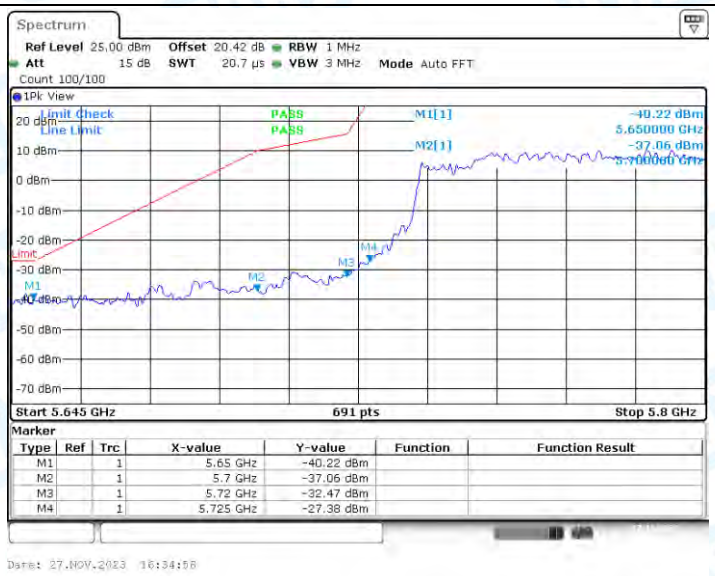
11AX80MIMO_Ant2_High_5210_AV



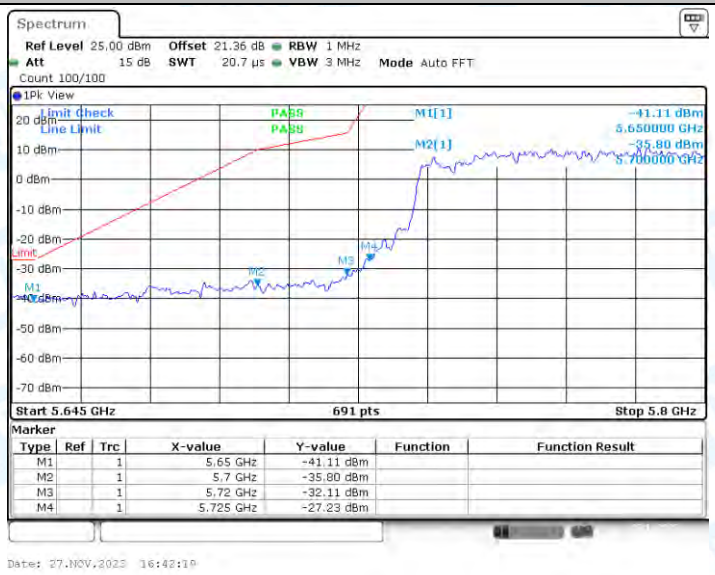
11AX80MIMO_Ant2_High_5210_Peak



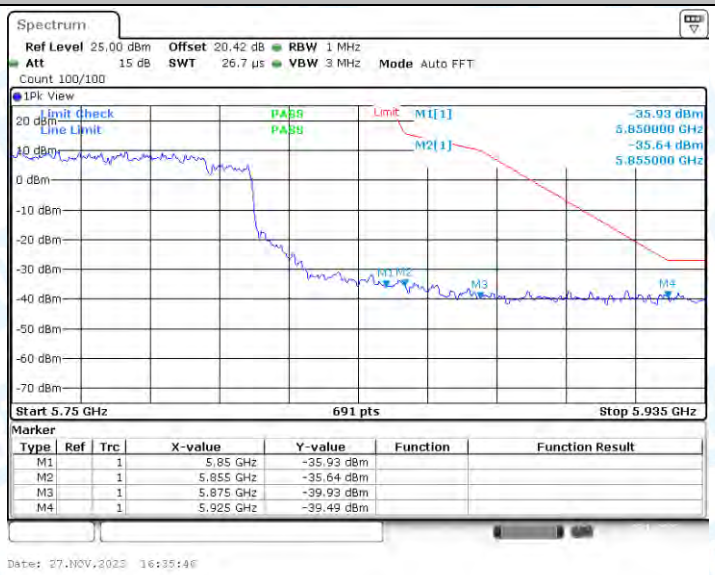
11AX80MIMO_Ant1_Low_5775_Peak



11AX80MIMO_Ant2_Low_5775_Peak



11AX80MIMO_Ant1_High_5775_Peak



11AX80MIMO_Ant2_High_5775_Peak

Spectrum
Ref Level 25.00 dBm Offset 21.36 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] -33.27 dBm 5.850000 GHz
M2[1] -34.90 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
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 -33.27 dBm
M2 1 5.855 GHz -34.90 dBm
M3 1 5.875 GHz -37.47 dBm
M4 1 5.925 GHz -39.11 dBm
Date: 27.NOV.2023 16:43:05

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	965.52	-46.99	≤-27	PASS
			1000~40000	39374.7	-35.12	≤-27	PASS
	Ant2	5180	30~1000	976.28	-45.89	≤-27	PASS
			1000~40000	39403.3	-36.3	≤-27	PASS
	Ant1	5200	30~1000	992.35	-47.83	≤-27	PASS
			1000~40000	39587.9	-35.73	≤-27	PASS
	Ant2	5200	30~1000	999.63	-47.86	≤-27	PASS
			1000~40000	39675	-35.1	≤-27	PASS
	Ant1	5240	30~1000	862.99	-46.42	≤-27	PASS
			1000~40000	39294.1	-36.38	≤-27	PASS
	Ant2	5240	30~1000	709.71	-46.8	≤-27	PASS
			1000~40000	39993.5	-36.16	≤-27	PASS
	Ant1	5745	30~1000	511.67	-45.41	≤-27	PASS
			1000~40000	39967.5	-36.18	≤-27	PASS
	Ant2	5745	30~1000	960.18	-47.51	≤-27	PASS
			1000~40000	39975.3	-36.34	≤-27	PASS
	Ant1	5785	30~1000	587.23	-47.15	≤-27	PASS
			1000~40000	38918.4	-36.47	≤-27	PASS
	Ant2	5785	30~1000	890.51	-46.6	≤-27	PASS
			1000~40000	39820.6	-35.7	≤-27	PASS
	Ant1	5825	30~1000	889.86	-46.97	≤-27	PASS
			1000~40000	38993.8	-36.73	≤-27	PASS
	Ant2	5825	30~1000	960.12	-47.07	≤-27	PASS
			1000~40000	6157.1	-36.32	≤-27	PASS
11N20MIMO	Ant1	5180	30~1000	958.41	-46.57	≤-27	PASS
			1000~40000	39594.4	-36.06	≤-27	PASS
	Ant2	5180	30~1000	866.19	-47.17	≤-27	PASS
			1000~40000	39386.4	-36.08	≤-27	PASS
	Ant1	5200	30~1000	995.98	-46.31	≤-27	PASS
			1000~40000	39299.3	-36.02	≤-27	PASS
	Ant2	5200	30~1000	998.46	-46.24	≤-27	PASS
			1000~40000	39654.2	-35.9	≤-27	PASS
	Ant1	5240	30~1000	890.38	-45.82	≤-27	PASS
			1000~40000	39632.1	-36.13	≤-27	PASS
	Ant2	5240	30~1000	860.05	-47.33	≤-27	PASS
			1000~40000	6892.9	-35.79	≤-27	PASS
	Ant1	5745	30~1000	959.08	-47.19	≤-27	PASS
			1000~40000	39314.9	-35.65	≤-27	PASS
	Ant2	5745	30~1000	961.25	-46.22	≤-27	PASS

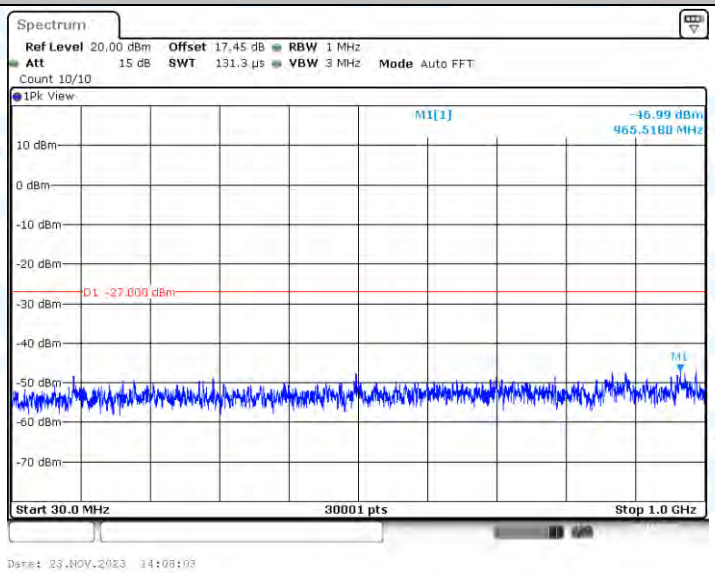
			1000~40000	39357.8	-34.73	≤-27	PASS
	Ant1	5785	30~1000	711.16	-47.06	≤-27	PASS
			1000~40000	39639.9	-36.16	≤-27	PASS
	Ant2	5785	30~1000	509.6	-46.36	≤-27	PASS
			1000~40000	6982.6	-35.92	≤-27	PASS
	Ant1	5825	30~1000	890.35	-47.27	≤-27	PASS
			1000~40000	39290.2	-35.15	≤-27	PASS
	Ant2	5825	30~1000	963.51	-48.17	≤-27	PASS
			1000~40000	39997.4	-35.04	≤-27	PASS
11N40MIMO	Ant1	5190	30~1000	879.32	-46.6	≤-27	PASS
			1000~40000	39546.3	-36.38	≤-27	PASS
	Ant2	5190	30~1000	888.76	-46.83	≤-27	PASS
			1000~40000	39948	-35.97	≤-27	PASS
	Ant1	5230	30~1000	889.83	-46.96	≤-27	PASS
			1000~40000	39253.8	-36.22	≤-27	PASS
	Ant2	5230	30~1000	889.41	-45.83	≤-27	PASS
			1000~40000	38979.5	-35.83	≤-27	PASS
	Ant1	5755	30~1000	960.47	-46.06	≤-27	PASS
			1000~40000	39381.2	-36.03	≤-27	PASS
	Ant2	5755	30~1000	893	-47.12	≤-27	PASS
			1000~40000	39078.3	-35.99	≤-27	PASS
	Ant1	5795	30~1000	861.99	-46.59	≤-27	PASS
			1000~40000	38911.9	-35.66	≤-27	PASS
	Ant2	5795	30~1000	875.08	-46.59	≤-27	PASS
			1000~40000	39457.9	-36.48	≤-27	PASS
11AC20MIMO	Ant1	5180	30~1000	888.47	-46.97	≤-27	PASS
			1000~40000	39998.7	-35.6	≤-27	PASS
	Ant2	5180	30~1000	904.96	-47.71	≤-27	PASS
			1000~40000	6952.7	-35.98	≤-27	PASS
	Ant1	5200	30~1000	997.79	-47.12	≤-27	PASS
			1000~40000	39698.4	-35.95	≤-27	PASS
	Ant2	5200	30~1000	970.24	-46.37	≤-27	PASS
			1000~40000	39989.6	-35.76	≤-27	PASS
	Ant1	5240	30~1000	791.67	-47.7	≤-27	PASS
			1000~40000	39329.2	-35.7	≤-27	PASS
	Ant2	5240	30~1000	511.38	-47.59	≤-27	PASS
			1000~40000	39530.7	-35.3	≤-27	PASS
	Ant1	5745	30~1000	707.47	-46.36	≤-27	PASS
			1000~40000	39998.7	-35.91	≤-27	PASS
	Ant2	5745	30~1000	861.47	-47.26	≤-27	PASS
			1000~40000	39977.9	-36	≤-27	PASS
	Ant1	5785	30~1000	966.97	-47.33	≤-27	PASS
			1000~40000	39976.6	-36.26	≤-27	PASS
	Ant2	5785	30~1000	961.8	-47.29	≤-27	PASS
			1000~40000	39441	-35.82	≤-27	PASS

	Ant1	5825	30~1000	889.34	-46.68	≤-27	PASS
			1000~40000	39988.3	-36.4	≤-27	PASS
	Ant2	5825	30~1000	706.67	-46.34	≤-27	PASS
			1000~40000	39725.7	-36.03	≤-27	PASS
11AC40MIMO	Ant1	5190	30~1000	862.67	-47.3	≤-27	PASS
			1000~40000	39342.2	-35.91	≤-27	PASS
	Ant2	5190	30~1000	889.41	-47.71	≤-27	PASS
			1000~40000	39963.6	-35.41	≤-27	PASS
	Ant1	5230	30~1000	707.25	-46.57	≤-27	PASS
			1000~40000	6996.9	-35.94	≤-27	PASS
	Ant2	5230	30~1000	892.58	-47.45	≤-27	PASS
			1000~40000	39654.2	-35.74	≤-27	PASS
	Ant1	5755	30~1000	919.51	-47.23	≤-27	PASS
			1000~40000	6187	-35.31	≤-27	PASS
	Ant2	5755	30~1000	888.18	-46.63	≤-27	PASS
			1000~40000	39472.2	-36.23	≤-27	PASS
	Ant1	5795	30~1000	750.28	-46.85	≤-27	PASS
			1000~40000	39491.7	-36.28	≤-27	PASS
	Ant2	5795	30~1000	867.23	-46.88	≤-27	PASS
			1000~40000	6904.6	-35.64	≤-27	PASS
11AC80MIMO	Ant1	5210	30~1000	890.64	-47.89	≤-27	PASS
			1000~40000	39646.4	-36	≤-27	PASS
	Ant2	5210	30~1000	710.13	-47.73	≤-27	PASS
			1000~40000	39643.8	-35.83	≤-27	PASS
	Ant1	5775	30~1000	861.18	-46.97	≤-27	PASS
			1000~40000	39309.7	-35.62	≤-27	PASS
	Ant2	5775	30~1000	706.08	-47.18	≤-27	PASS
			1000~40000	39779	-36.07	≤-27	PASS
11AX20MIMO	Ant1	5180	30~1000	958.92	-46.47	≤-27	PASS
			1000~40000	39639.9	-35.57	≤-27	PASS
	Ant2	5180	30~1000	890.93	-45.87	≤-27	PASS
			1000~40000	39957.1	-36.36	≤-27	PASS
	Ant1	5200	30~1000	863.64	-46.37	≤-27	PASS
			1000~40000	39707.5	-36.01	≤-27	PASS
	Ant2	5200	30~1000	784.55	-47.56	≤-27	PASS
			1000~40000	39626.9	-35.14	≤-27	PASS
	Ant1	5240	30~1000	706.63	-47.8	≤-27	PASS
			1000~40000	38597.3	-35.12	≤-27	PASS
	Ant2	5240	30~1000	889.76	-46.18	≤-27	PASS
			1000~40000	39311	-35.88	≤-27	PASS
	Ant1	5745	30~1000	951.87	-47.01	≤-27	PASS
			1000~40000	39567.1	-35.71	≤-27	PASS
	Ant2	5745	30~1000	959.7	-45.29	≤-27	PASS
			1000~40000	39292.8	-35.97	≤-27	PASS
	Ant1	5785	30~1000	990.61	-47.3	≤-27	PASS

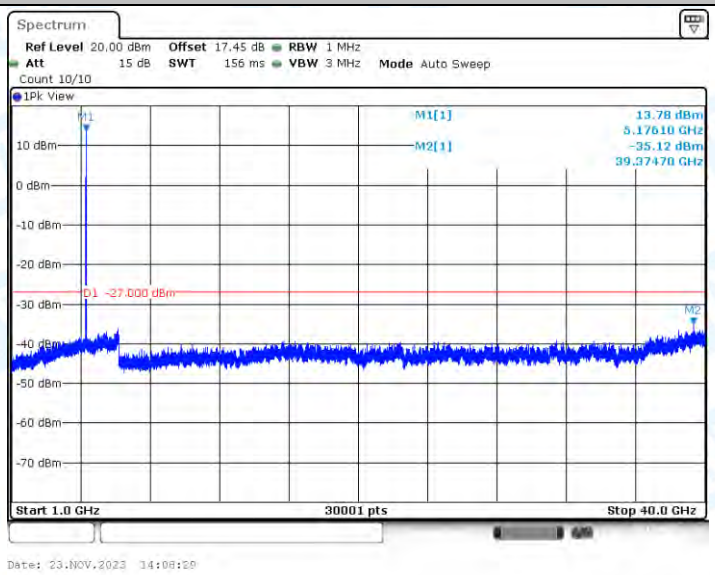
			1000~40000	39697.1	-35.75	≤-27	PASS
	Ant2	5785	30~1000	861.02	-47.78	≤-27	PASS
			1000~40000	39651.6	-36.44	≤-27	PASS
	Ant1	5825	30~1000	960.96	-47.13	≤-27	PASS
			1000~40000	39967.5	-35.75	≤-27	PASS
	Ant2	5825	30~1000	861.86	-46.15	≤-27	PASS
			1000~40000	39686.7	-35.94	≤-27	PASS
11AX40MIMO	Ant1	5190	30~1000	864.8	-46.62	≤-27	PASS
			1000~40000	39291.5	-35.98	≤-27	PASS
	Ant2	5190	30~1000	893.48	-46.91	≤-27	PASS
			1000~40000	39444.9	-35.51	≤-27	PASS
	Ant1	5230	30~1000	861.96	-47.69	≤-27	PASS
			1000~40000	39996.1	-35.99	≤-27	PASS
	Ant2	5230	30~1000	707.57	-47.6	≤-27	PASS
			1000~40000	39850.5	-35.86	≤-27	PASS
	Ant1	5755	30~1000	966.59	-46.56	≤-27	PASS
			1000~40000	6994.3	-36.1	≤-27	PASS
	Ant2	5755	30~1000	887.92	-47.09	≤-27	PASS
			1000~40000	39784.2	-36.29	≤-27	PASS
	Ant1	5795	30~1000	864.22	-47.25	≤-27	PASS
			1000~40000	39616.5	-35.87	≤-27	PASS
	Ant2	5795	30~1000	710.13	-45.57	≤-27	PASS
			1000~40000	39950.6	-36.44	≤-27	PASS
11AX80MIMO	Ant1	5210	30~1000	960.34	-46.43	≤-27	PASS
			1000~40000	38958.7	-35.81	≤-27	PASS
	Ant2	5210	30~1000	886.27	-46.94	≤-27	PASS
			1000~40000	38930.1	-36.07	≤-27	PASS
	Ant1	5775	30~1000	861.41	-46.56	≤-27	PASS
			1000~40000	39338.3	-35.99	≤-27	PASS
	Ant2	5775	30~1000	860.73	-46.85	≤-27	PASS
			1000~40000	38599.9	-36.04	≤-27	PASS

8.2.Test Graphs

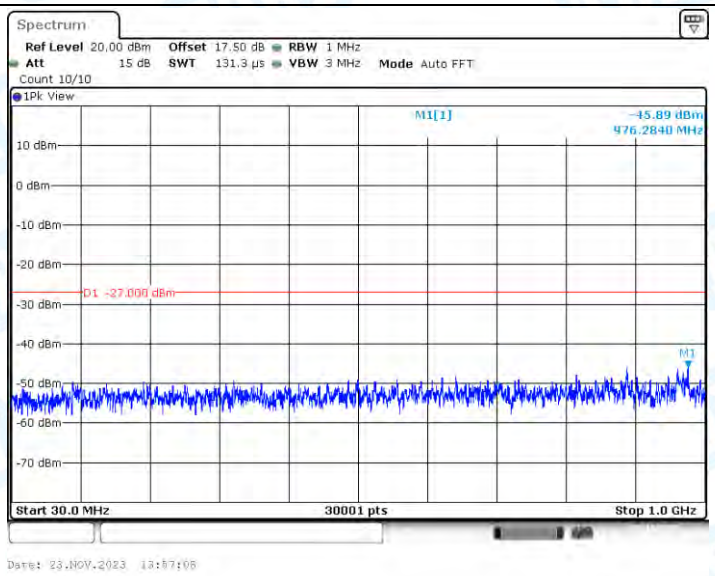
11A-CDD_Ant1_5180_30~1000



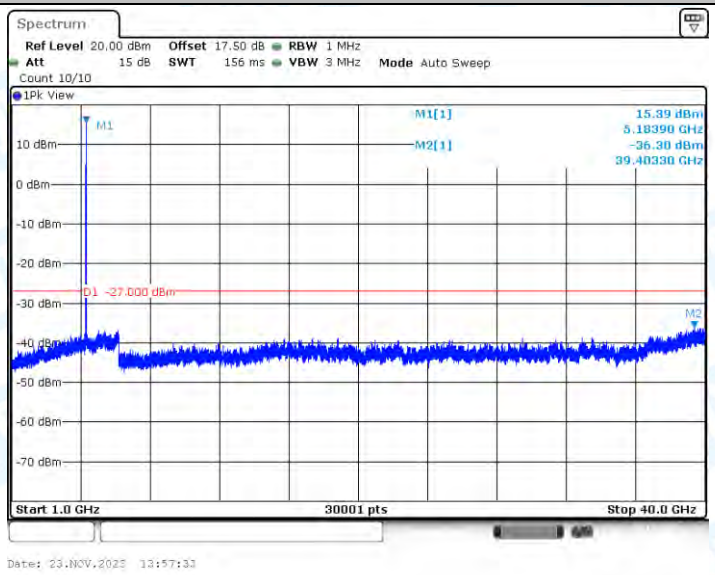
11A-CDD_Ant1_5180_1000~40000



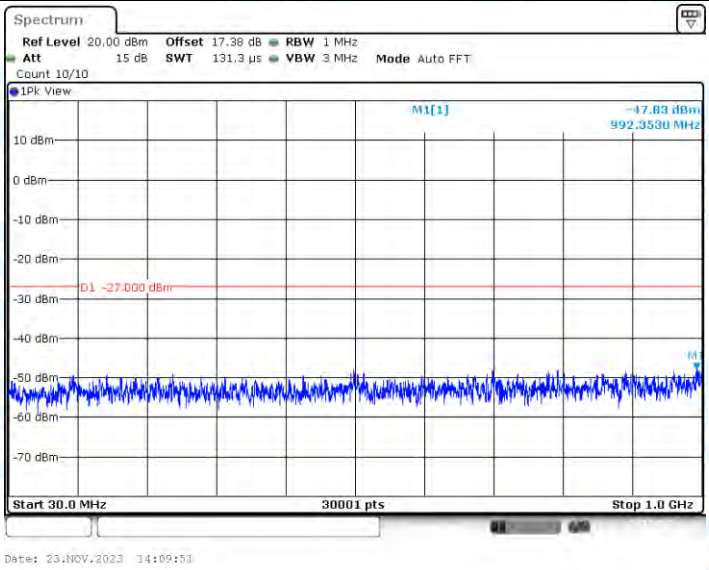
11A-CDD_Ant2_5180_30~1000



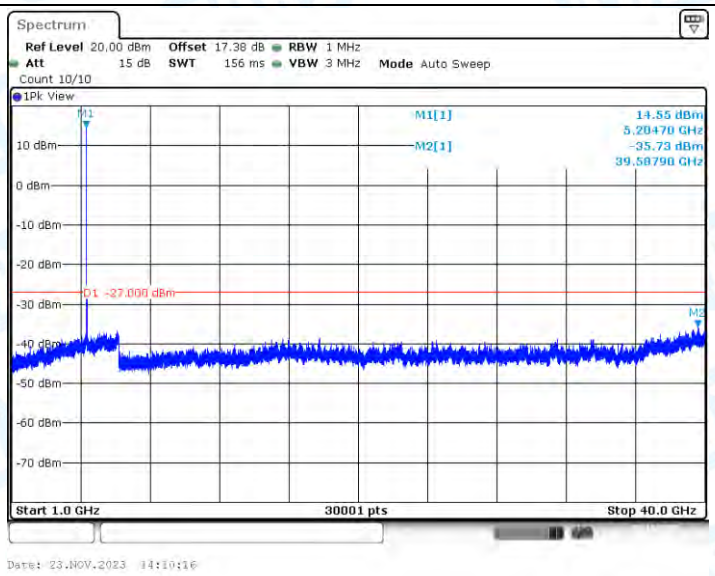
11A-CDD_Ant2_5180_1000~40000



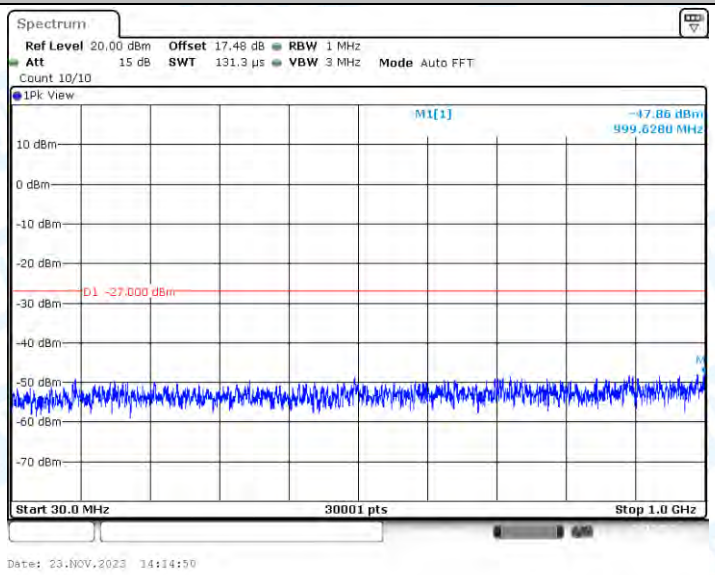
11A-CDD_Ant1_5200_30~1000



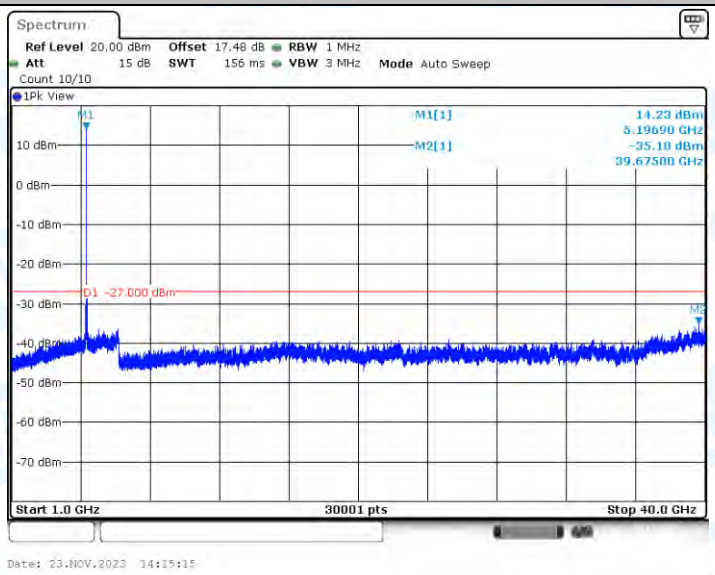
11A-CDD_Ant1_5200_1000~40000



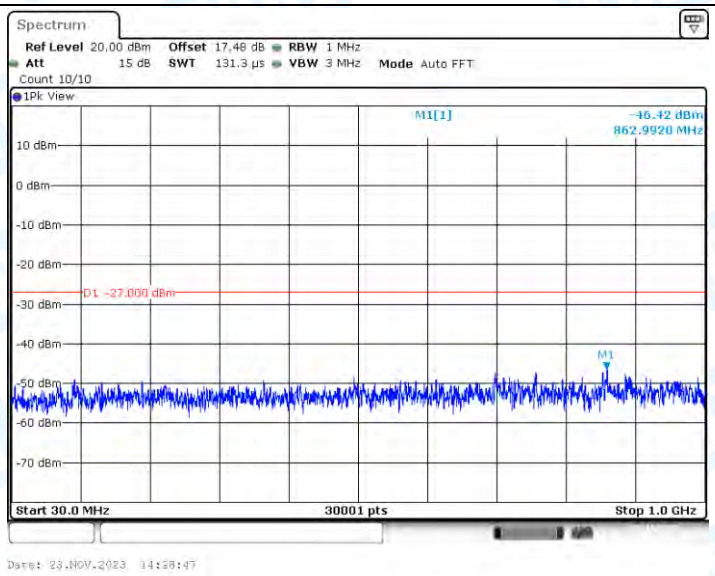
11A-CDD_Ant2_5200_30~1000



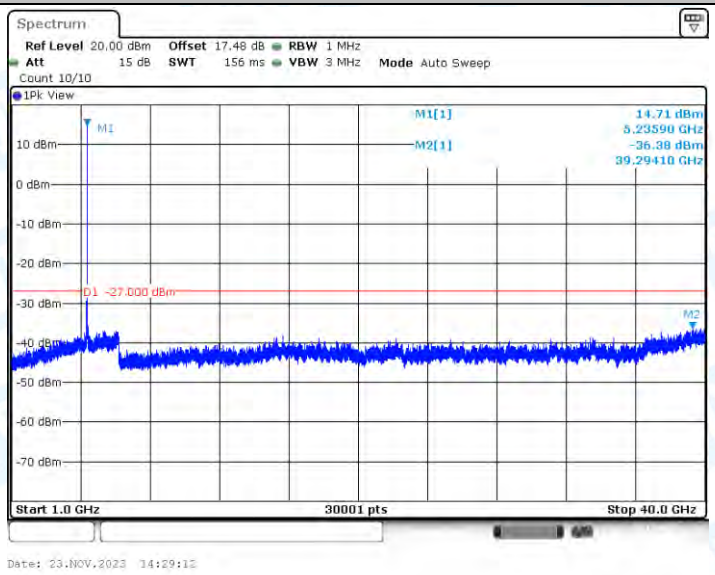
11A-CDD_Ant2_5200_1000~40000



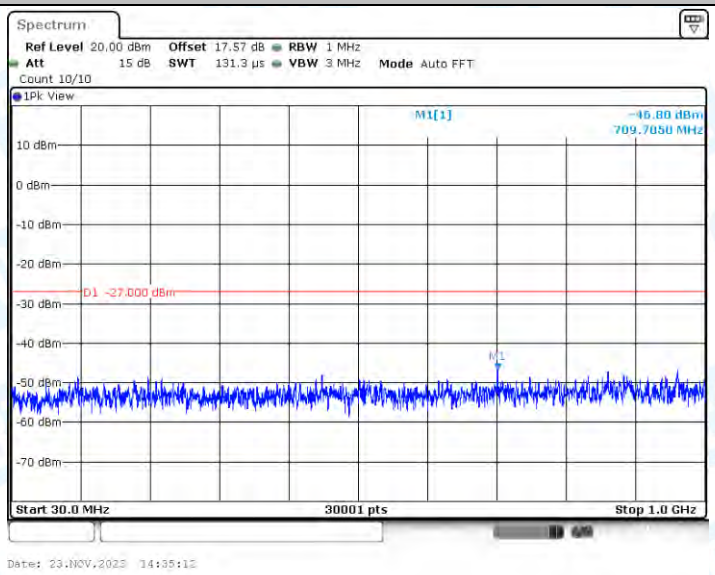
11A-CDD_Ant1_5240_30~1000



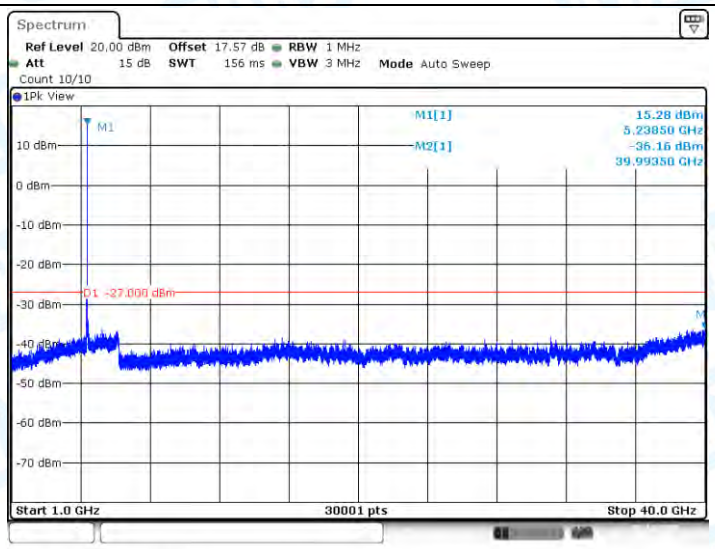
11A-CDD_Ant1_5240_1000~40000



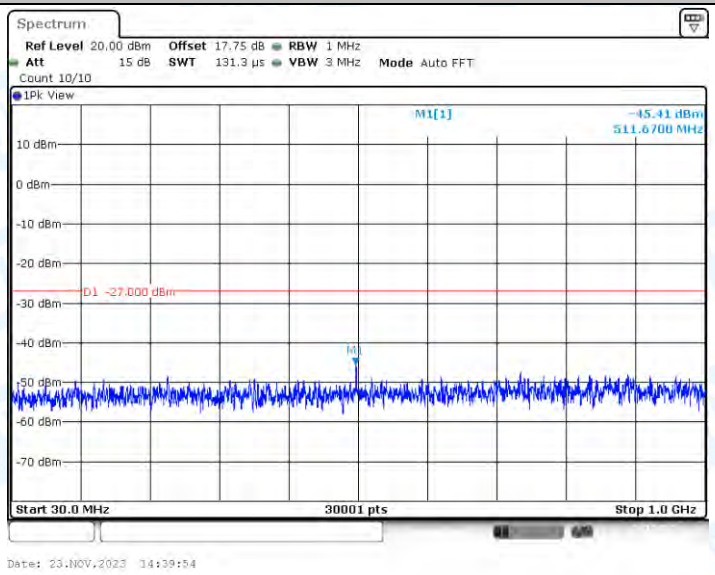
11A-CDD_Ant2_5240_30~1000



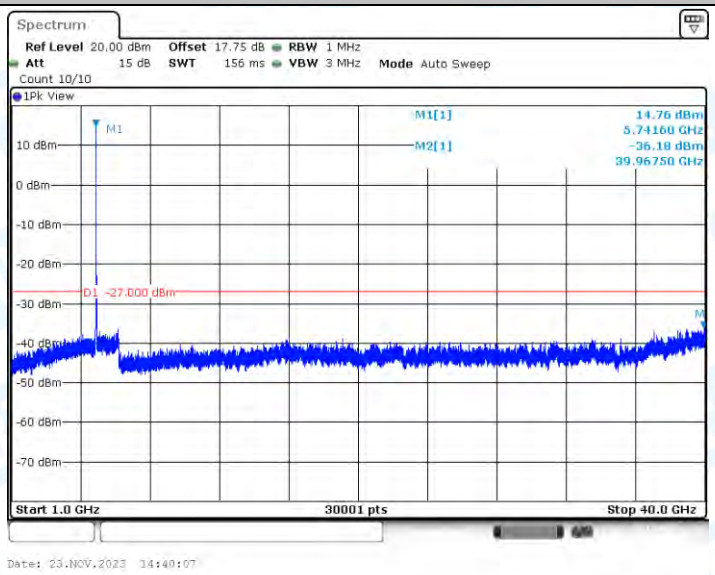
11A-CDD_Ant2_5240_1000~40000



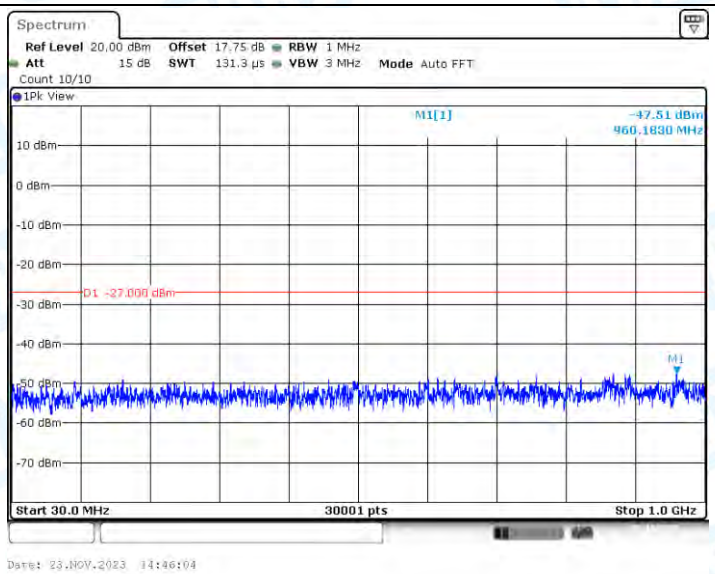
11A-CDD_Ant1_5745_30~1000



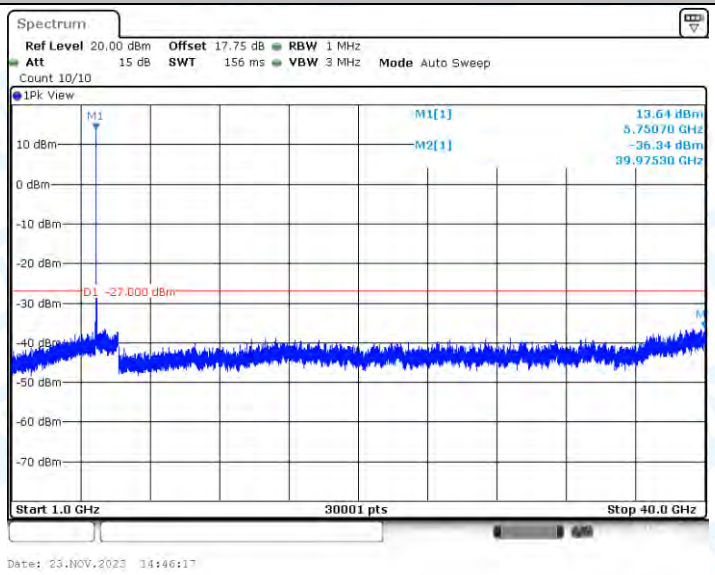
11A-CDD_Ant1_5745_1000~40000



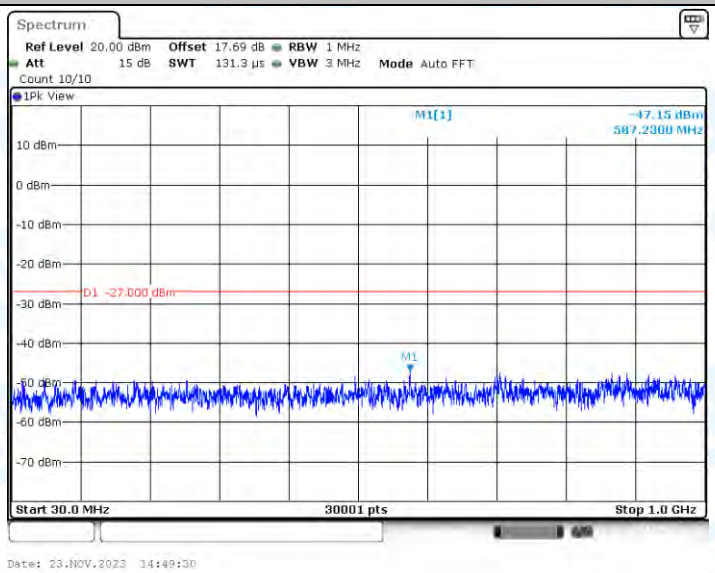
11A-CDD_Ant2_5745_30~1000



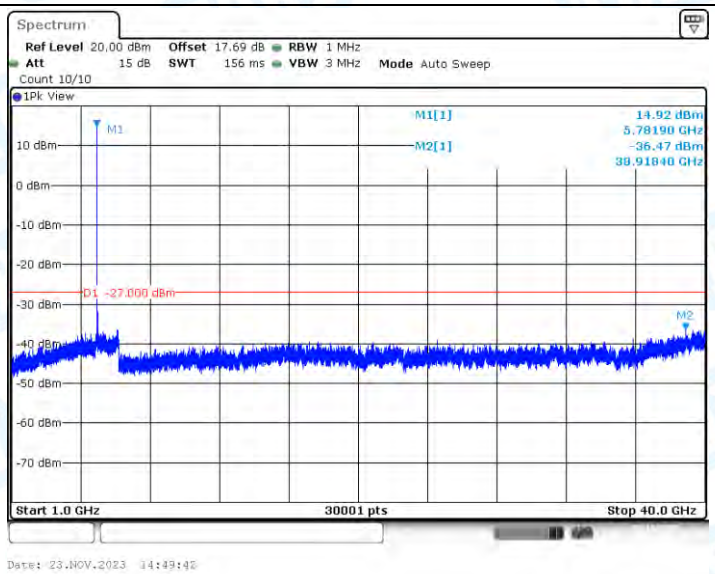
11A-CDD_Ant2_5745_1000~40000



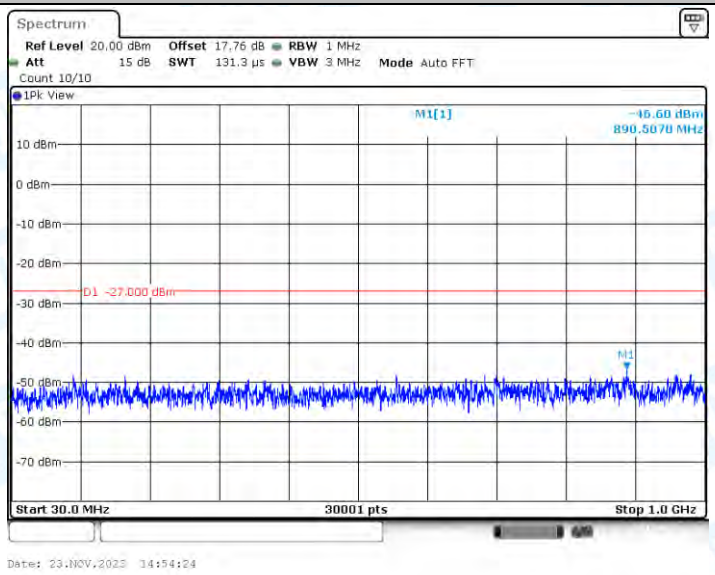
11A-CDD_Ant1_5785_30~1000



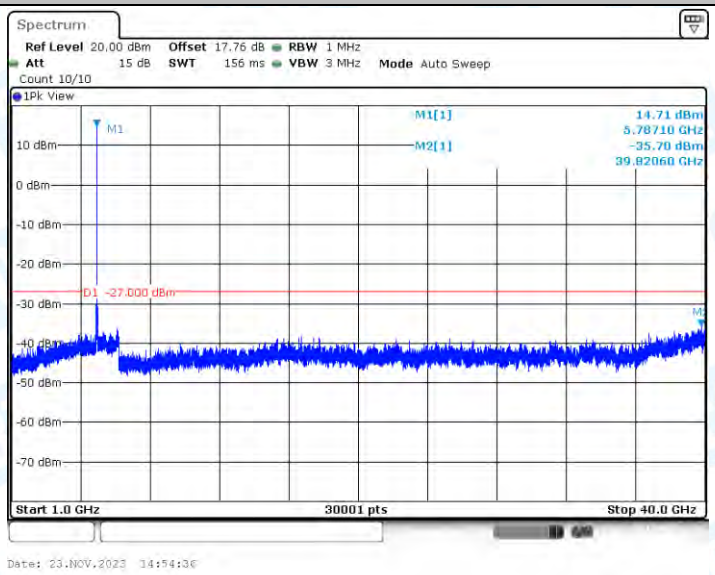
11A-CDD_Ant1_5785_1000~40000



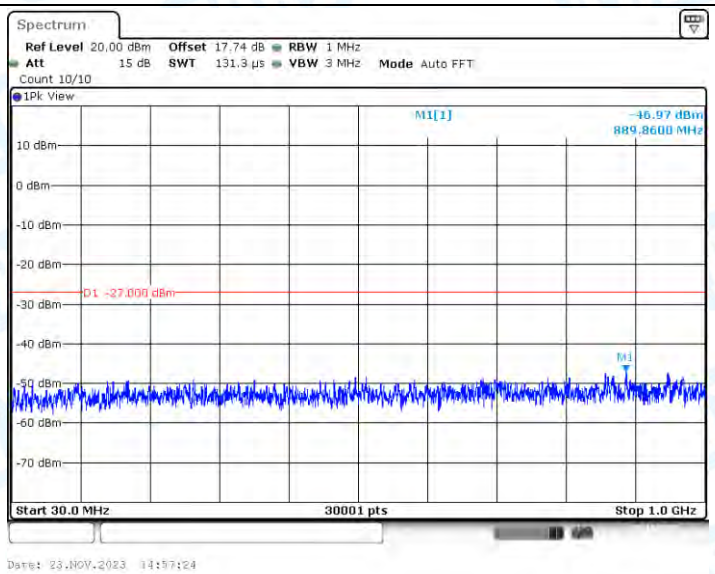
11A-CDD_Ant2_5785_30~1000



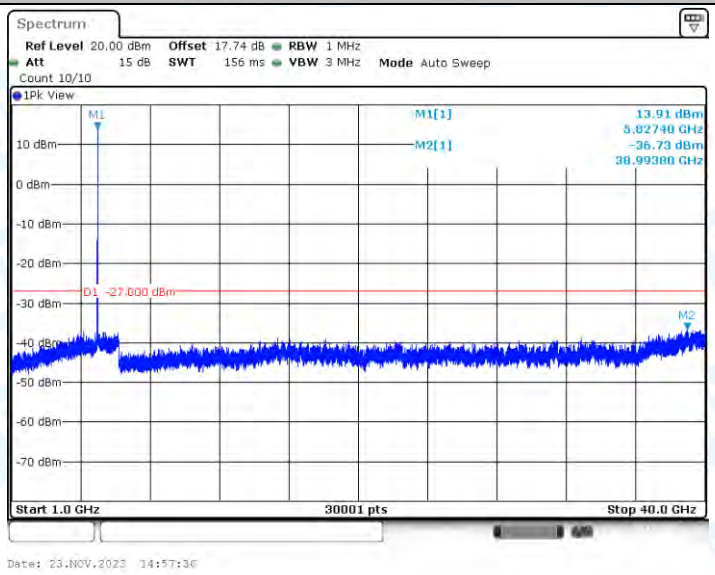
11A-CDD_Ant2_5785_1000~40000



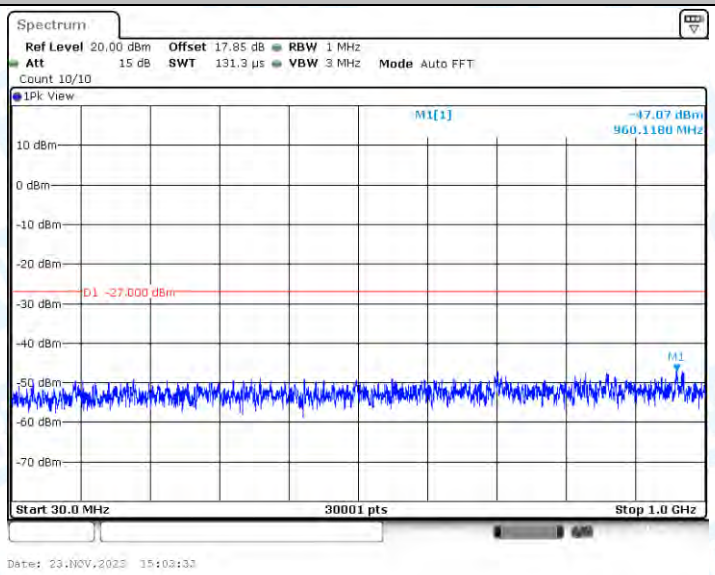
11A-CDD_Ant1_5825_30~1000



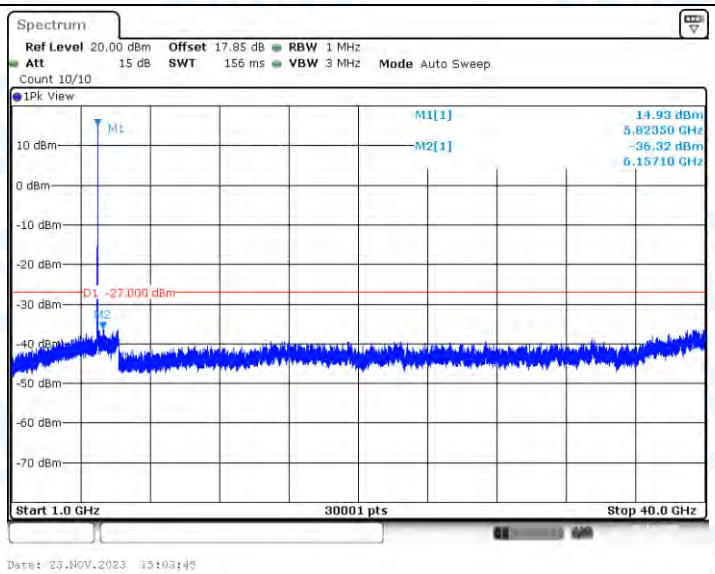
11A-CDD_Ant1_5825_1000~40000



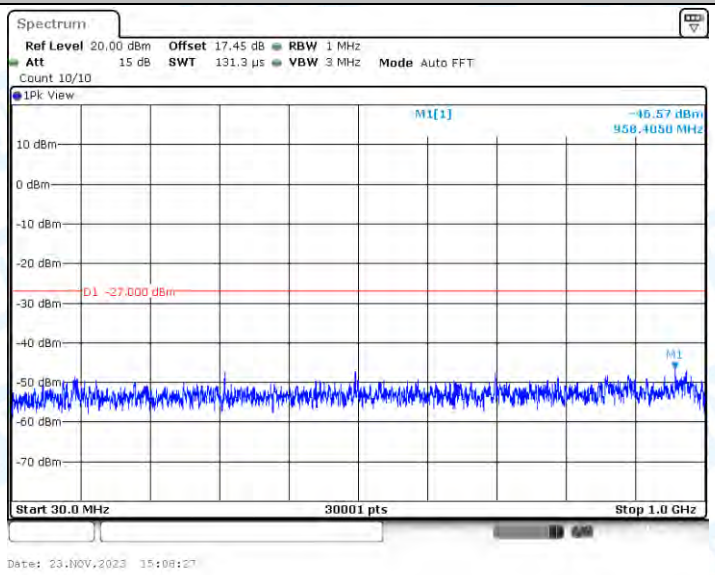
11A-CDD_Ant2_5825_30~1000



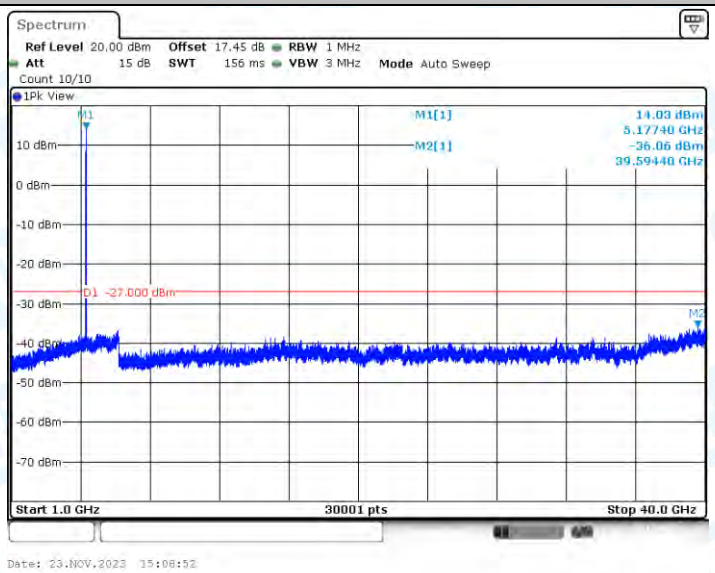
11A-CDD_Ant2_5825_1000~40000



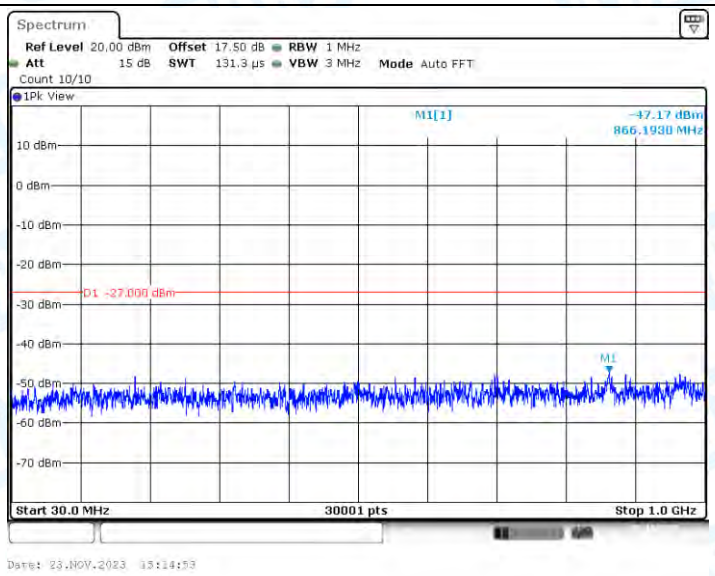
11N20MIMO_Ant1_5180_30~1000



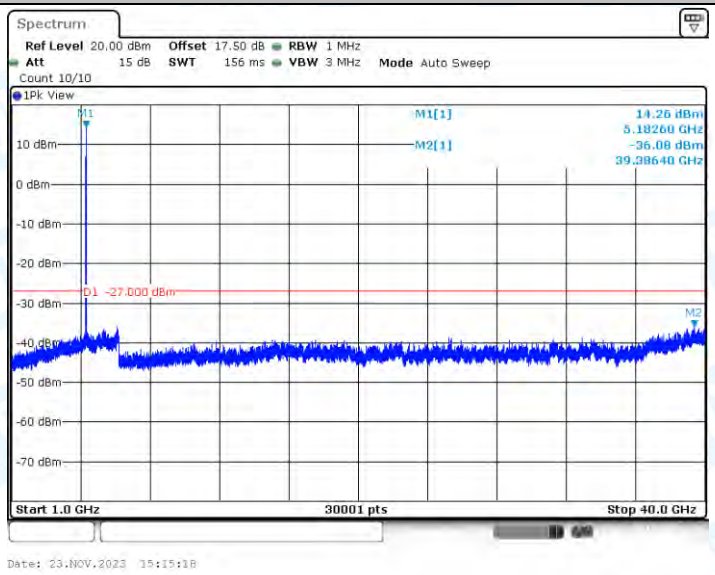
11N20MIMO_Ant1_5180_1000~40000



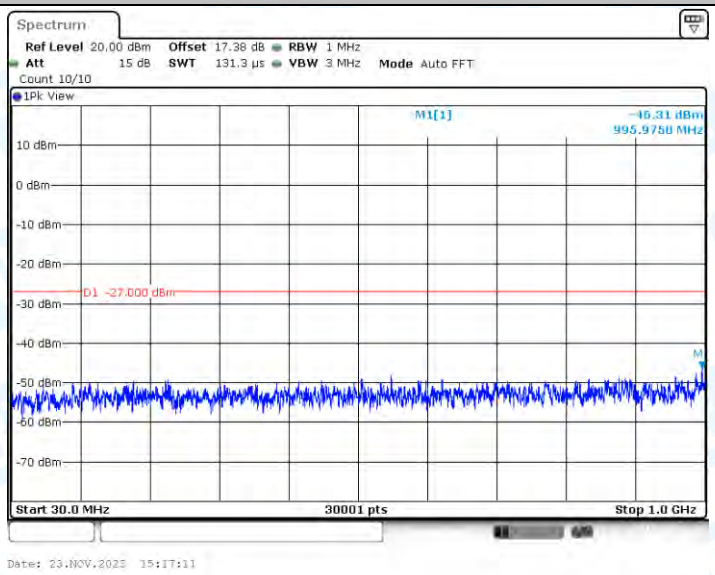
11N20MIMO_Ant2_5180_30~1000



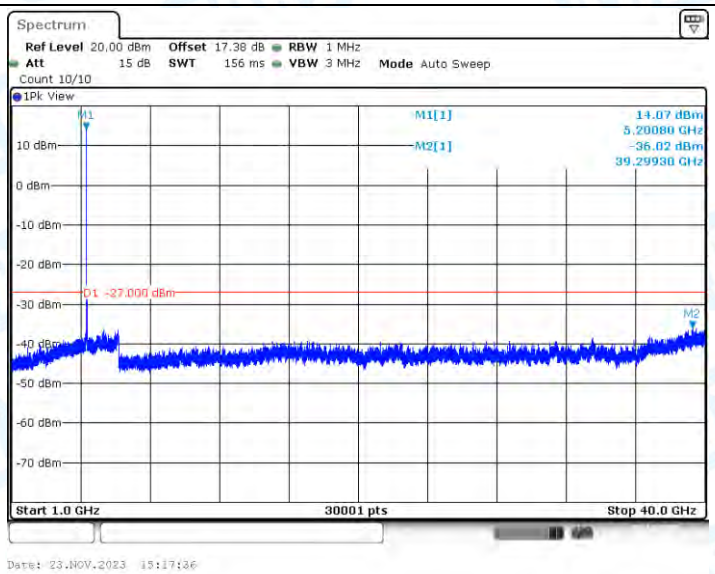
11N20MIMO_Ant2_5180_1000~40000



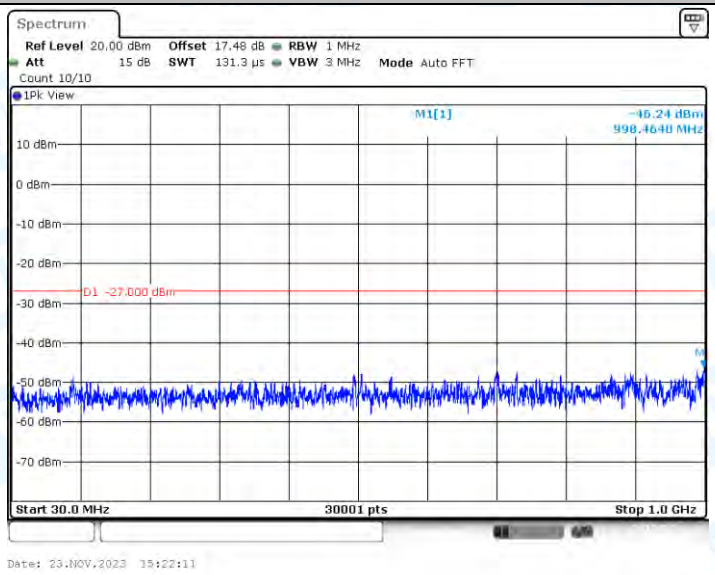
11N20MIMO_Ant1_5200_30~1000



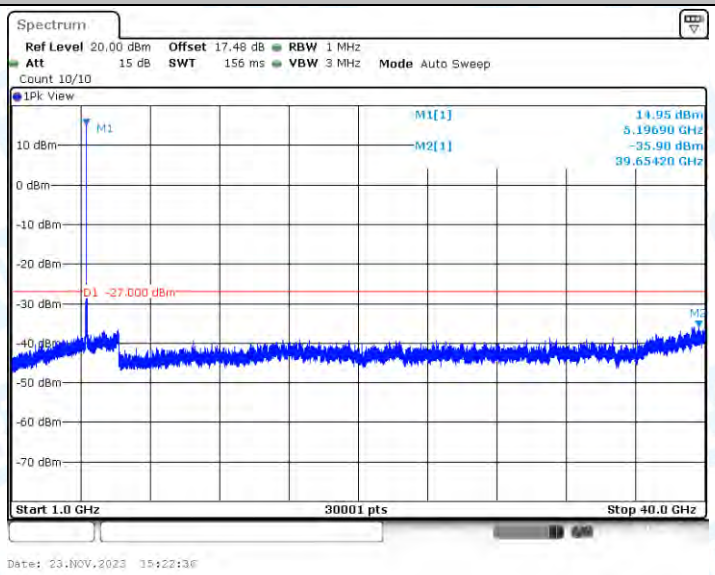
11N20MIMO_Ant1_5200_1000~40000



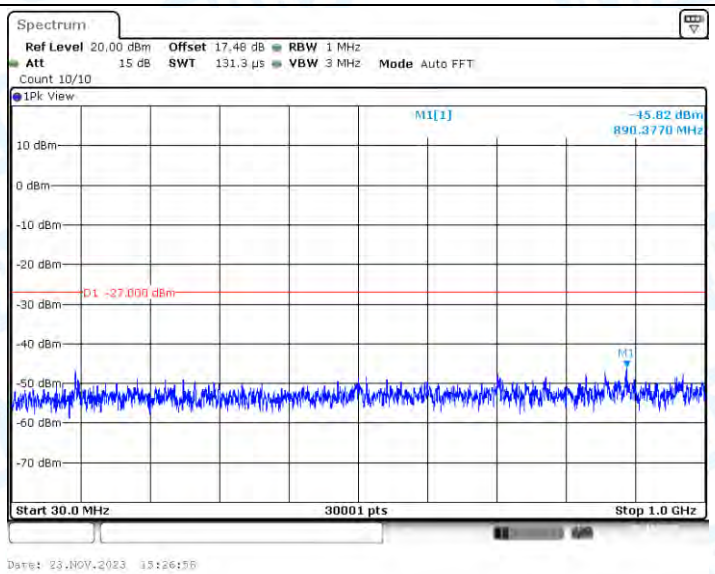
11N20MIMO_Ant2_5200_30~1000



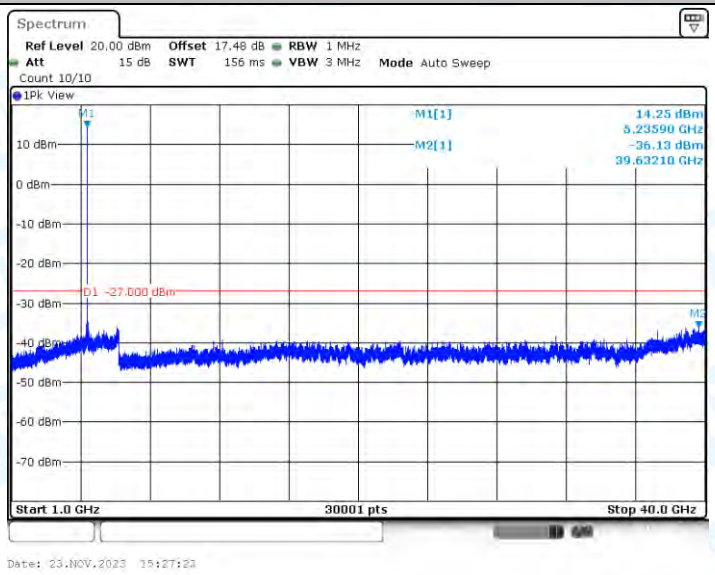
11N20MIMO_Ant2_5200_1000~40000



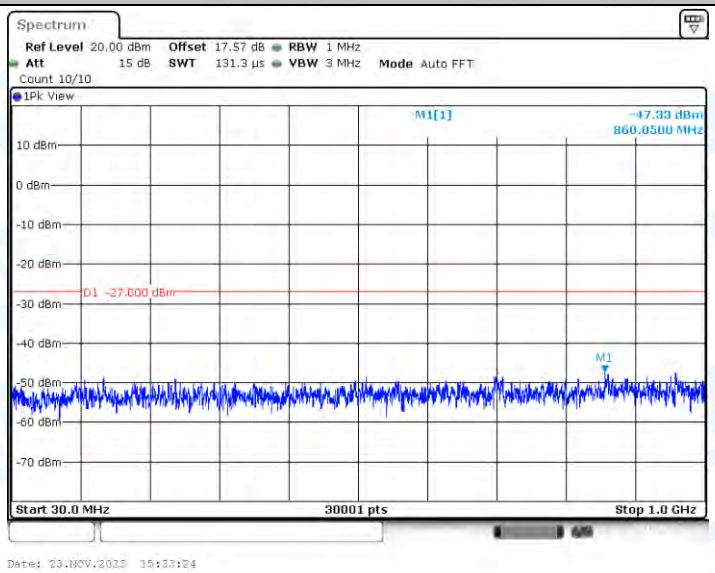
11N20MIMO_Ant1_5240_30~1000



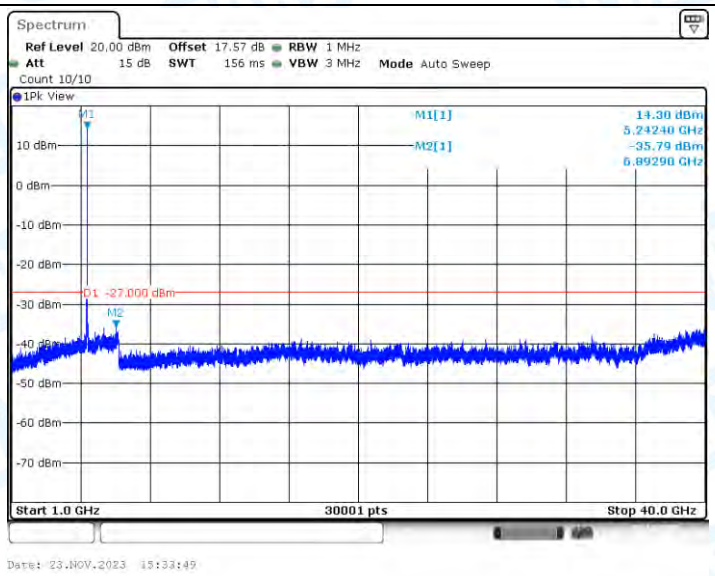
11N20MIMO_Ant1_5240_1000~40000



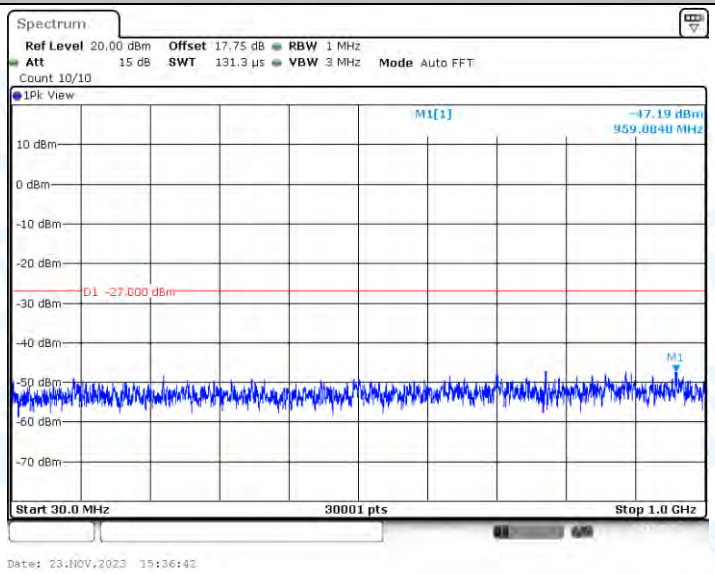
11N20MIMO_Ant2_5240_30~1000



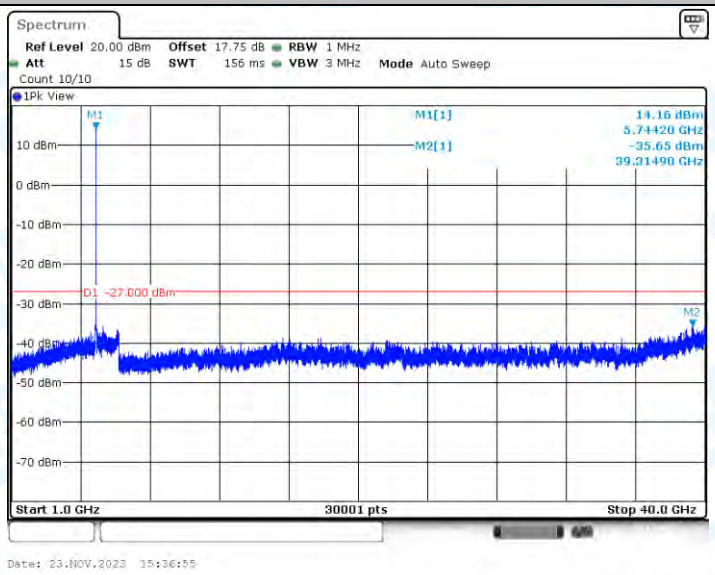
11N20MIMO_Ant2_5240_1000~40000



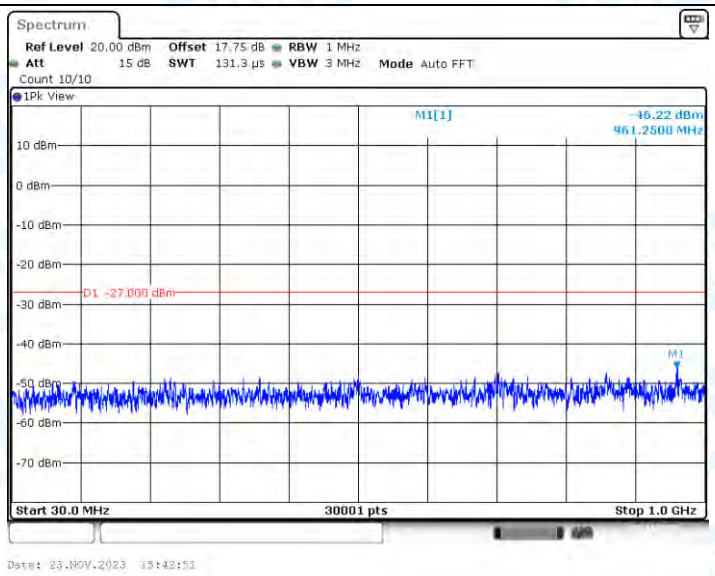
11N20MIMO_Ant1_5745_30~1000



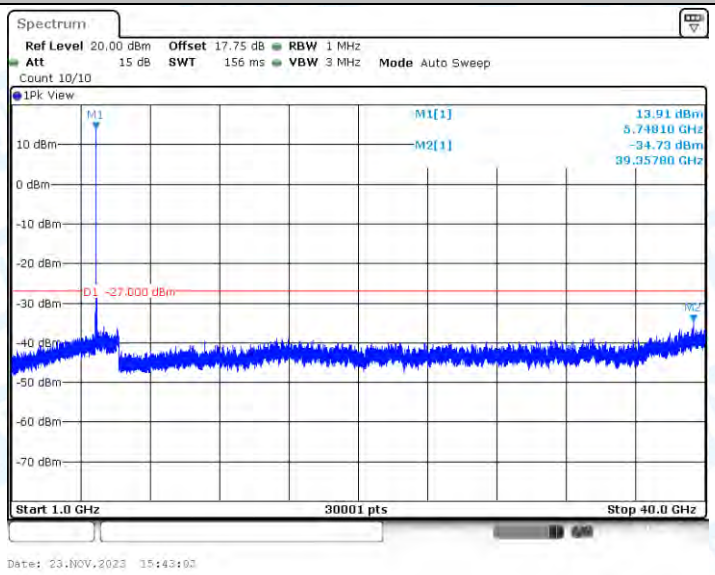
11N20MIMO_Ant1_5745_1000~40000



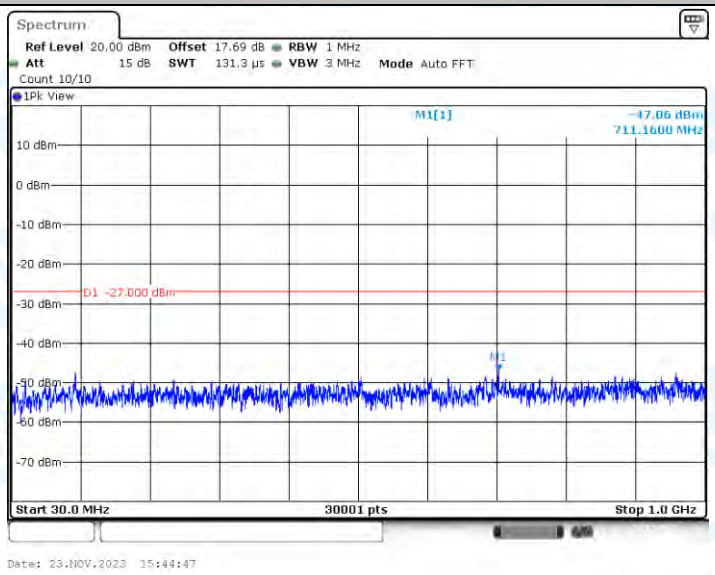
11N20MIMO_Ant2_5745_30~1000



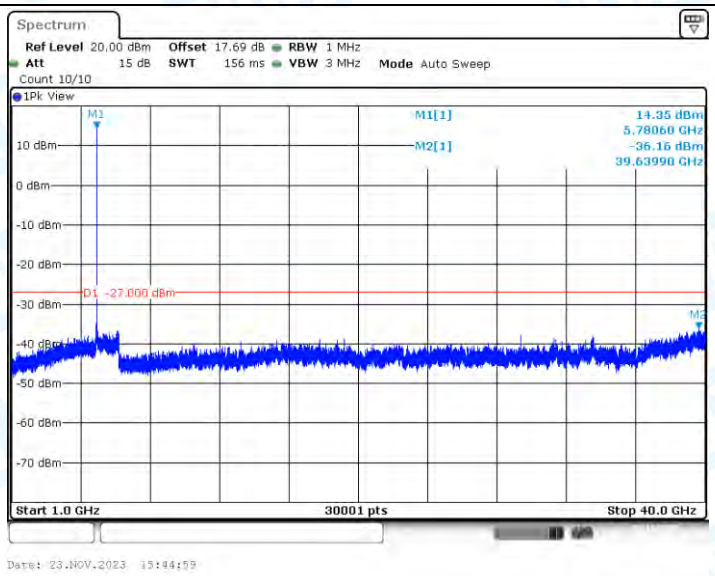
11N20MIMO_Ant2_5745_1000~40000



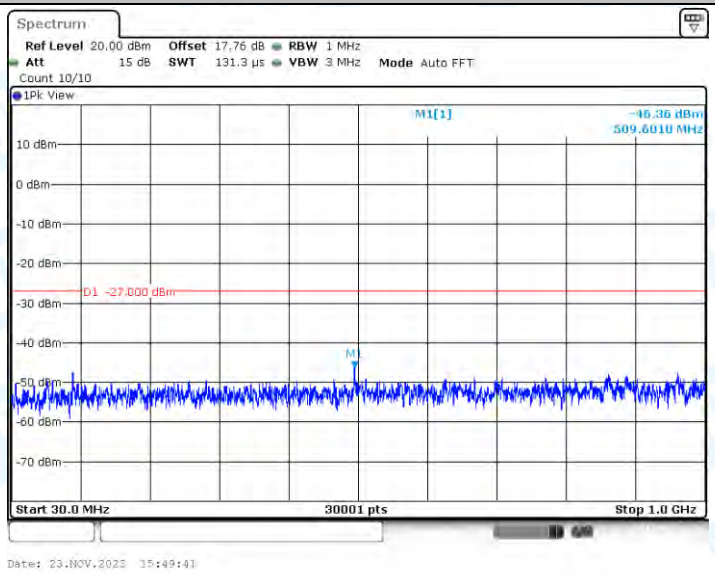
11N20MIMO_Ant1_5785_30~1000



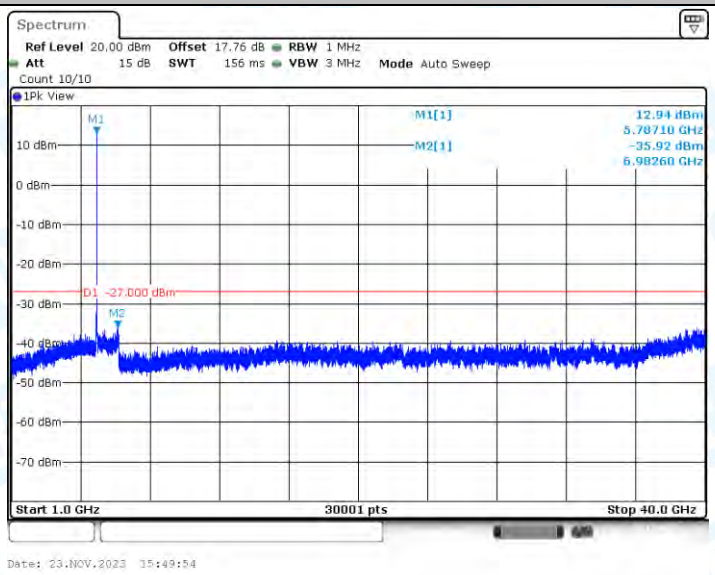
11N20MIMO_Ant1_5785_1000~40000



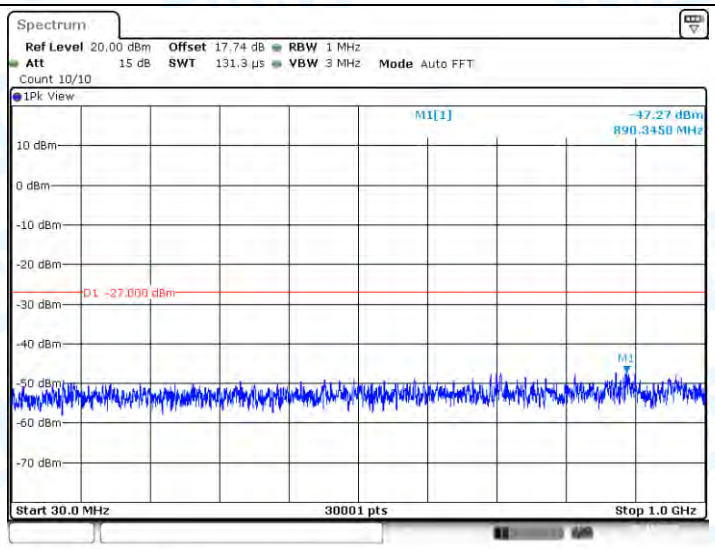
11N20MIMO_Ant2_5785_30~1000



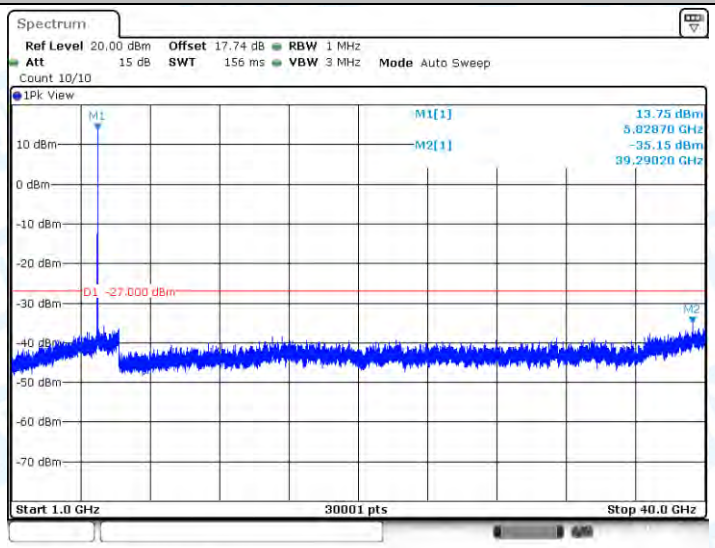
11N20MIMO_Ant2_5785_1000~40000



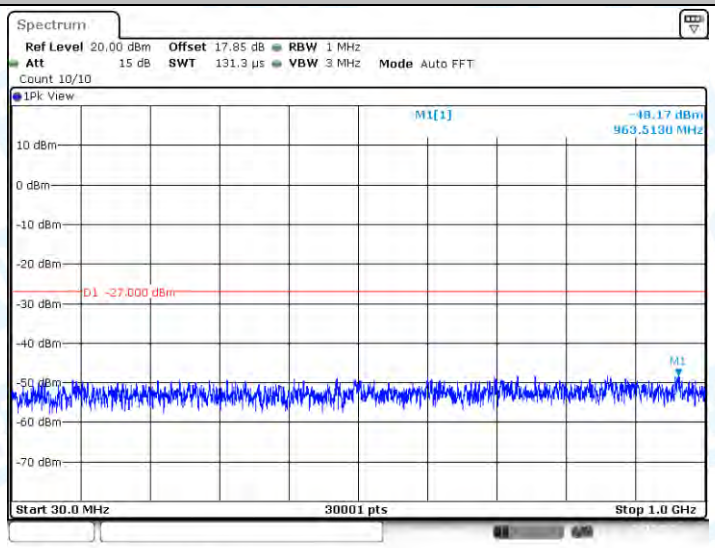
11N20MIMO_Ant1_5825_30~1000



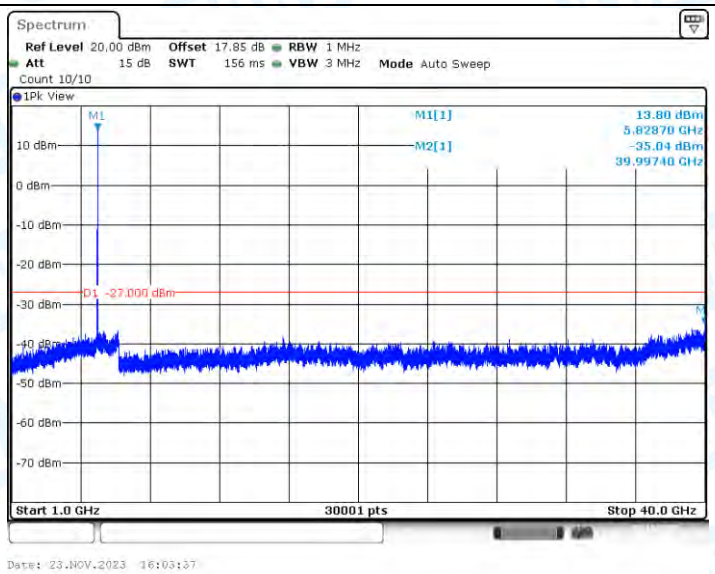
11N20MIMO_Ant1_5825_1000~40000



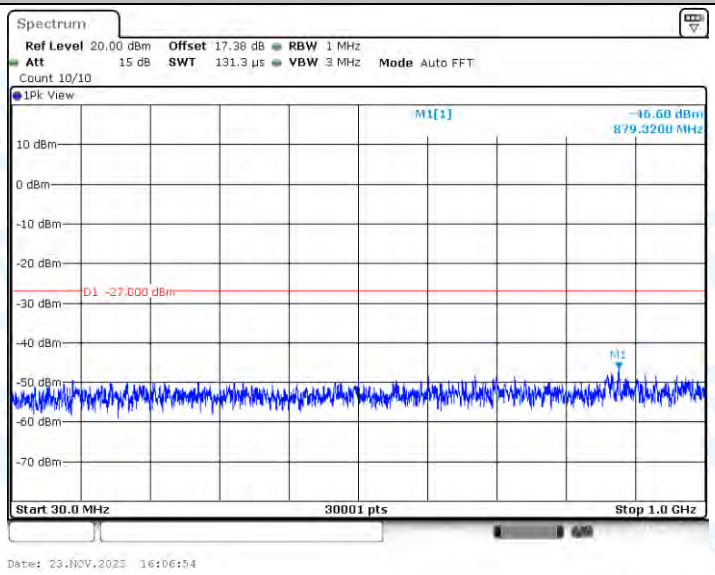
11N20MIMO_Ant2_5825_30~1000



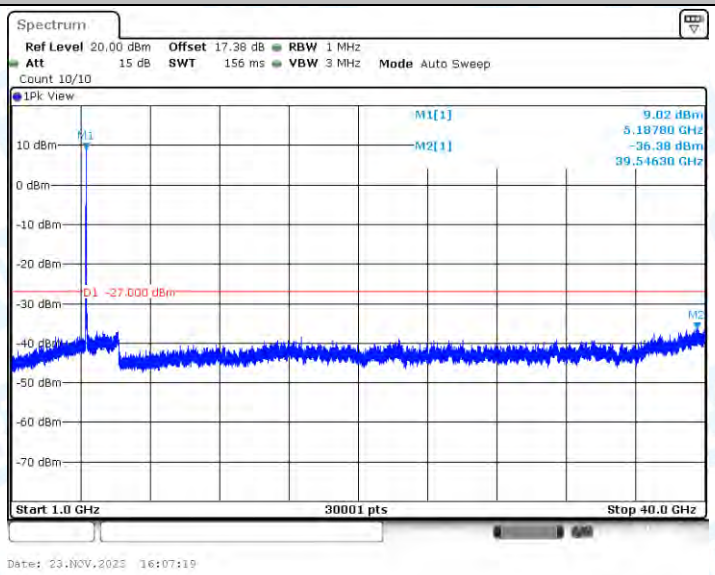
11N20MIMO_Ant2_5825_1000~40000



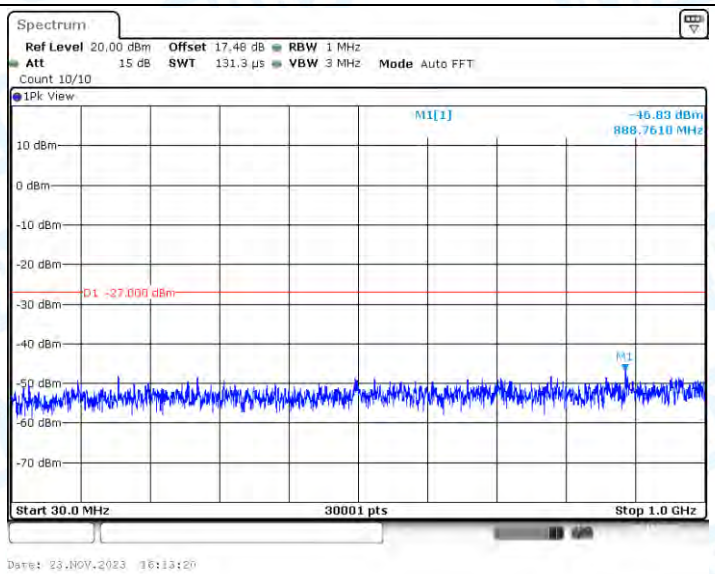
11N40MIMO_Ant1_5190_30~1000



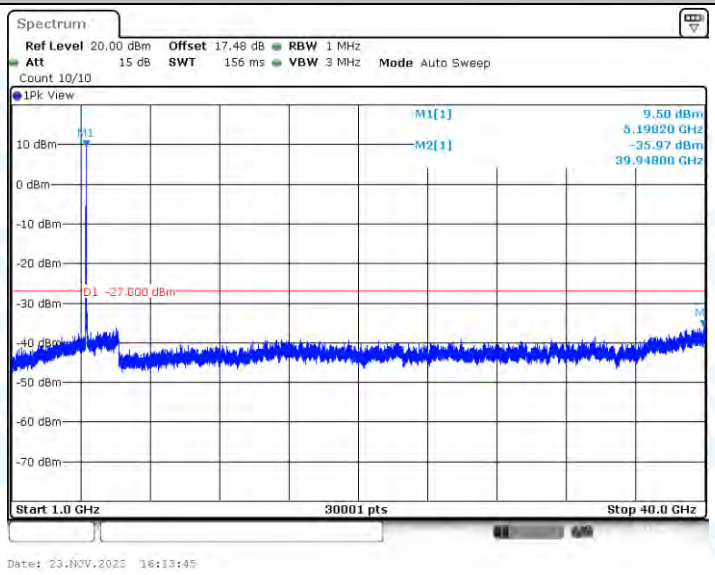
11N40MIMO_Ant1_5190_1000~40000



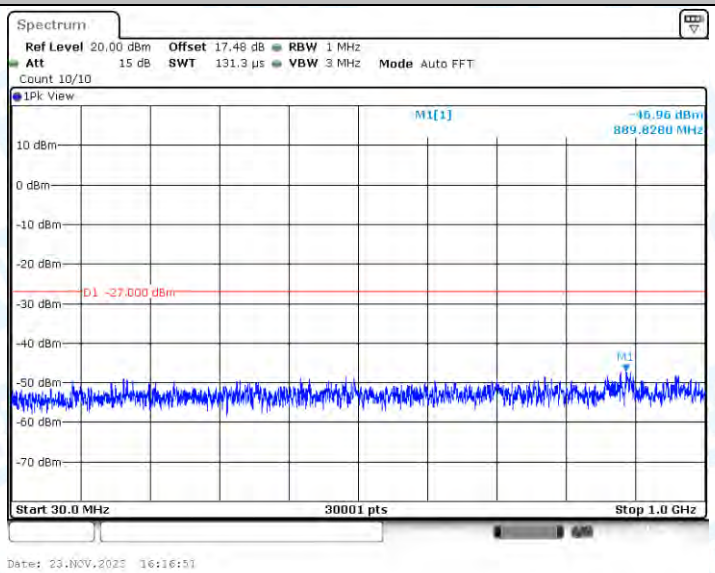
11N40MIMO_Ant2_5190_30~1000



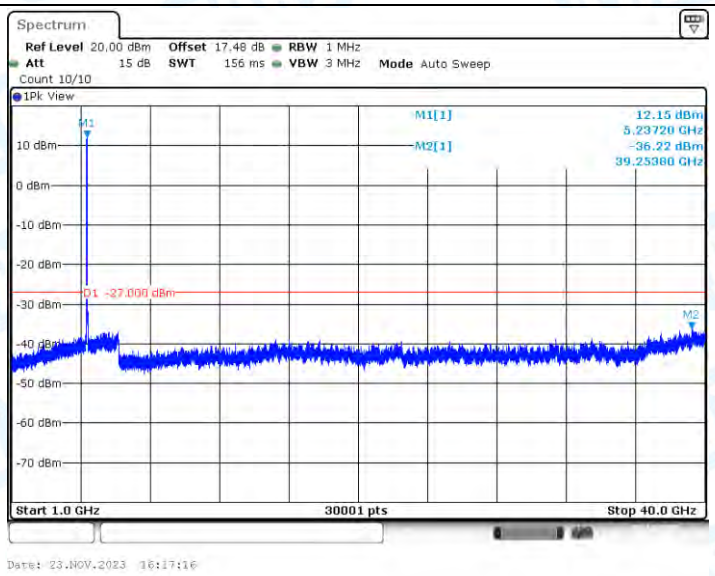
11N40MIMO_Ant2_5190_1000~40000



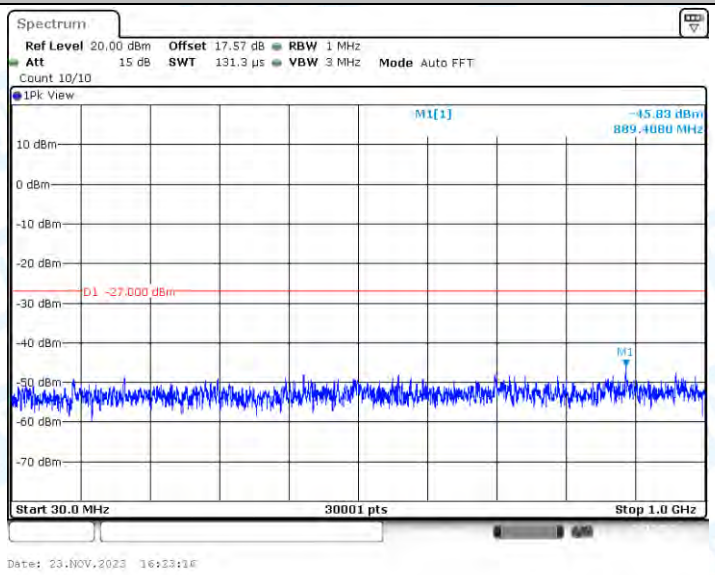
11N40MIMO_Ant1_5230_30~1000



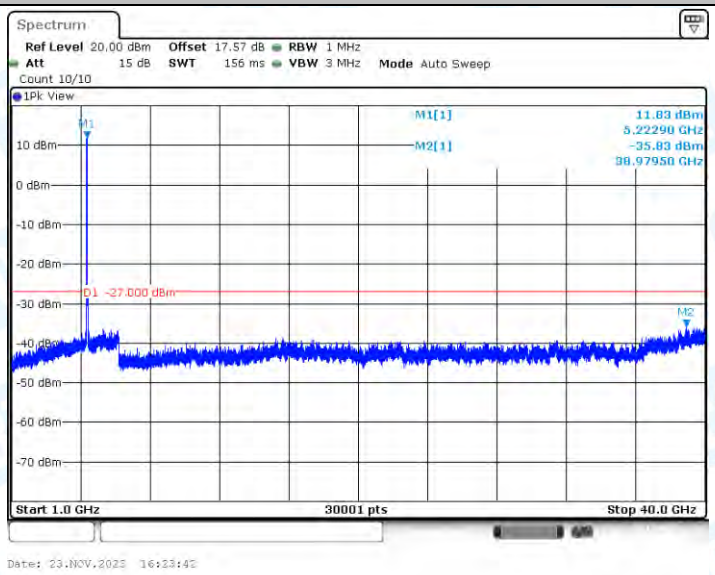
11N40MIMO_Ant1_5230_1000~40000



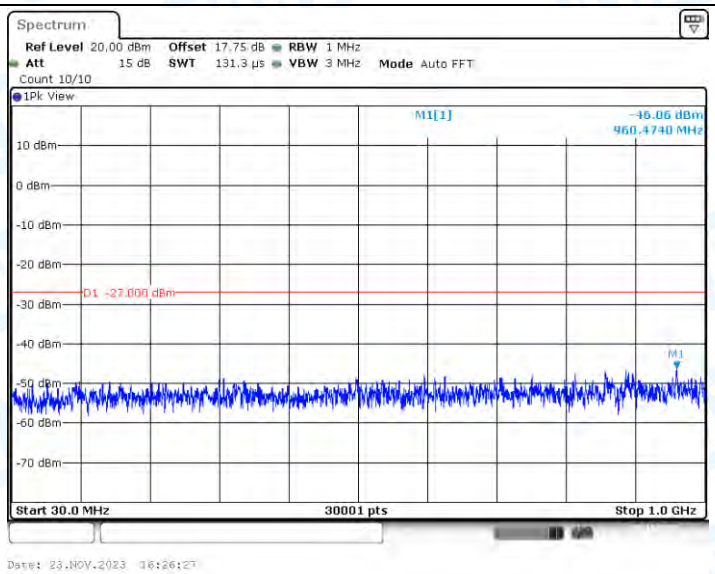
11N40MIMO_Ant2_5230_30~1000



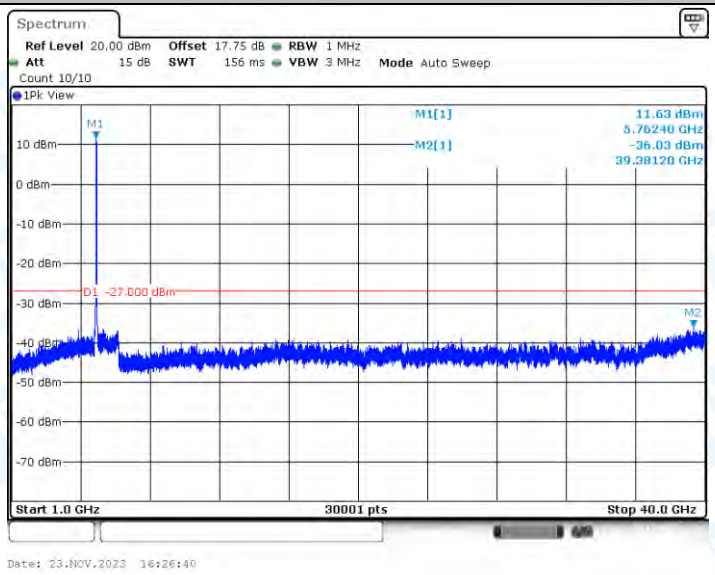
11N40MIMO_Ant2_5230_1000~40000



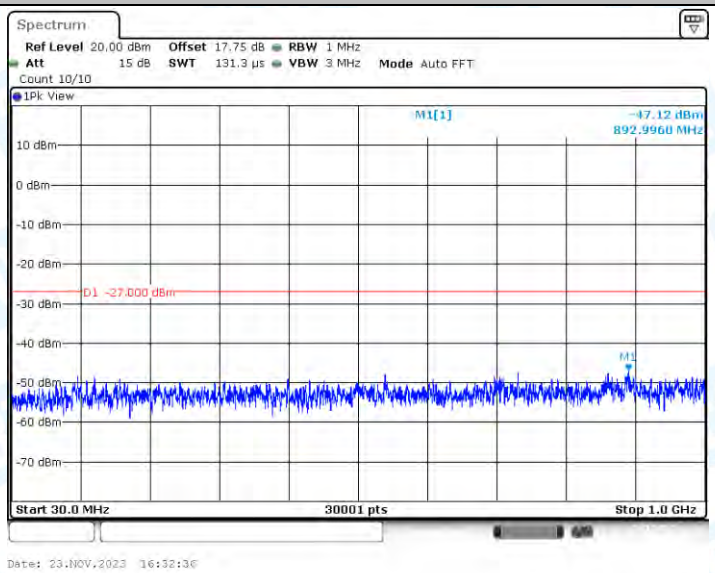
11N40MIMO_Ant1_5755_30~1000



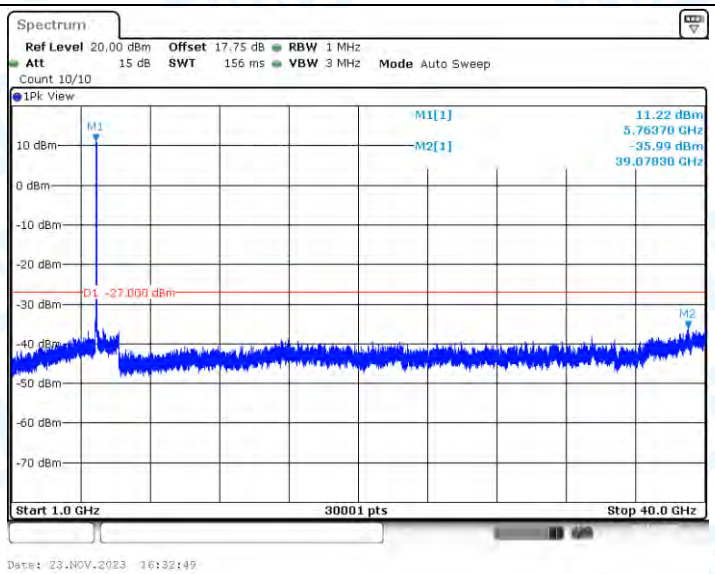
11N40MIMO_Ant1_5755_1000~40000



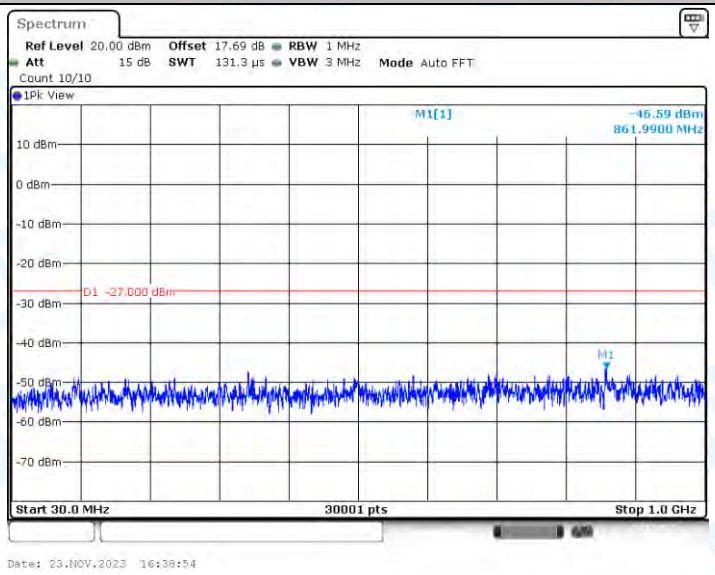
11N40MIMO_Ant2_5755_30~1000



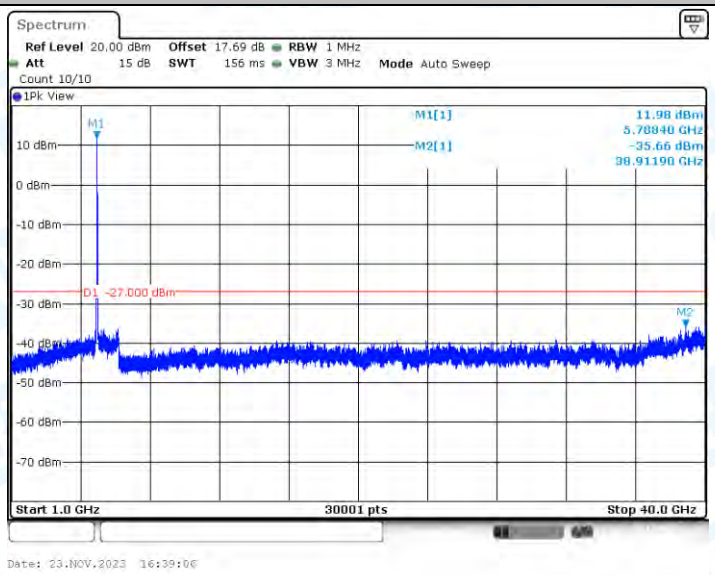
11N40MIMO_Ant2_5755_1000~40000



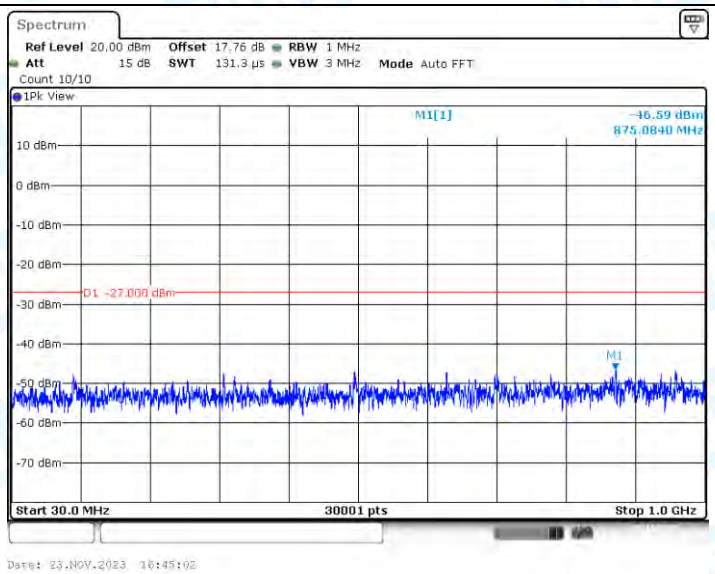
11N40MIMO_Ant1_5795_30~1000



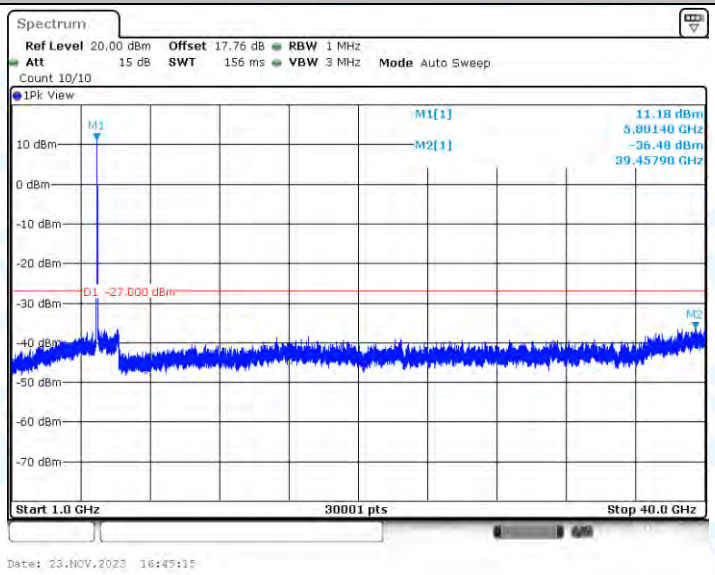
11N40MIMO_Ant1_5795_1000~40000



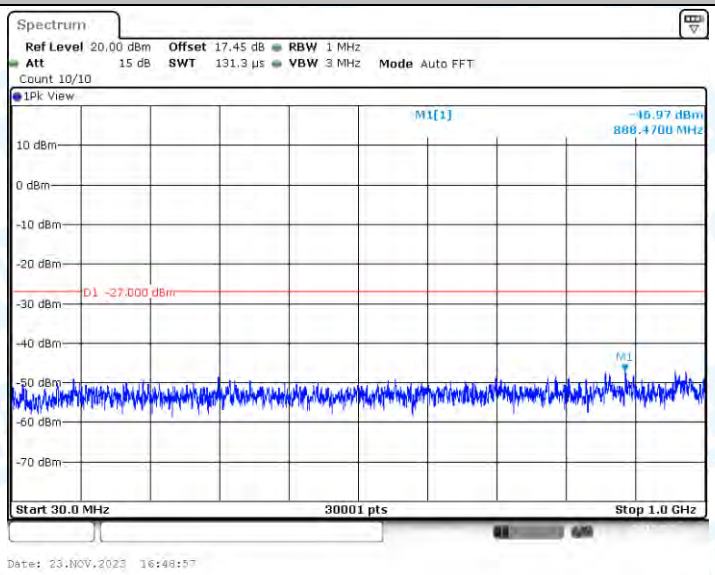
11N40MIMO_Ant2_5795_30~1000



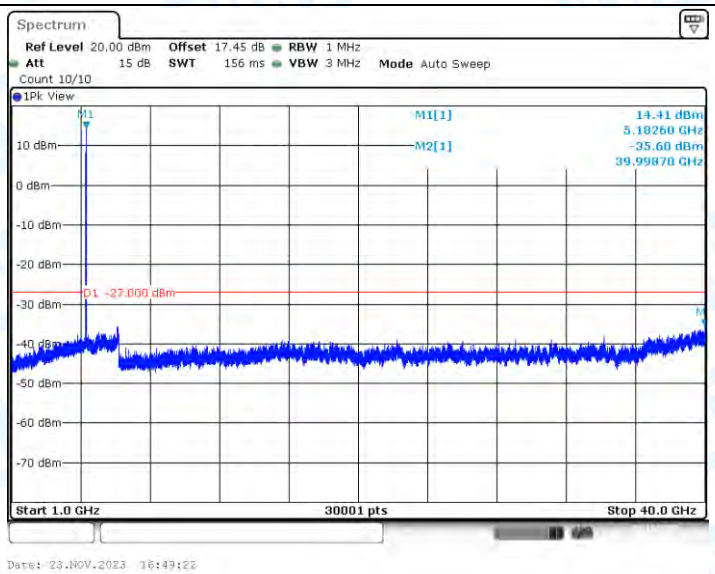
11N40MIMO_Ant2_5795_1000~40000



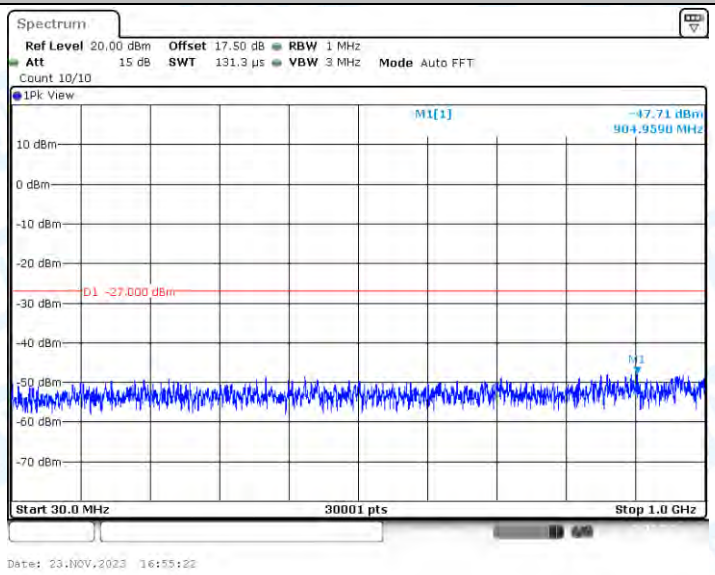
11AC20MIMO_Ant1_5180_30~1000



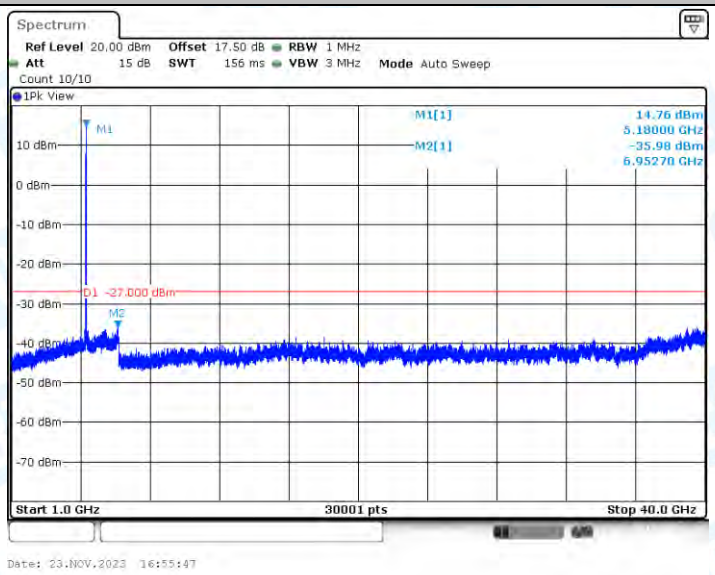
11AC20MIMO_Ant1_5180_1000~40000



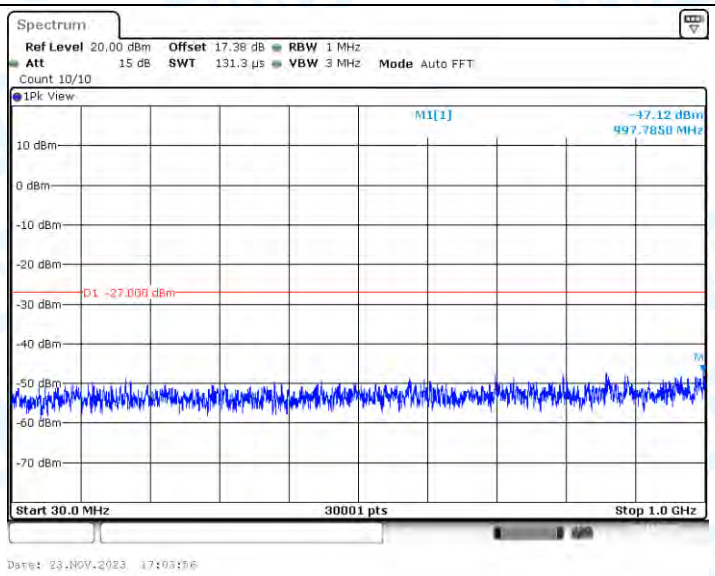
11AC20MIMO_Ant2_5180_30~1000



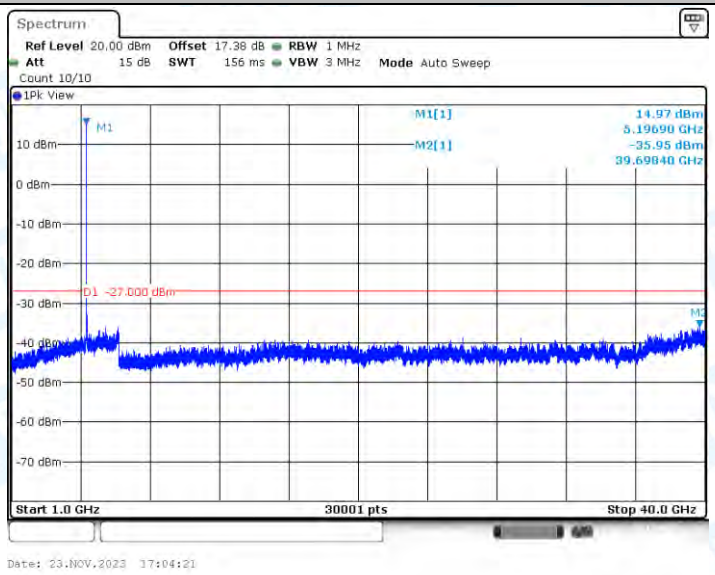
11AC20MIMO_Ant2_5180_1000~40000



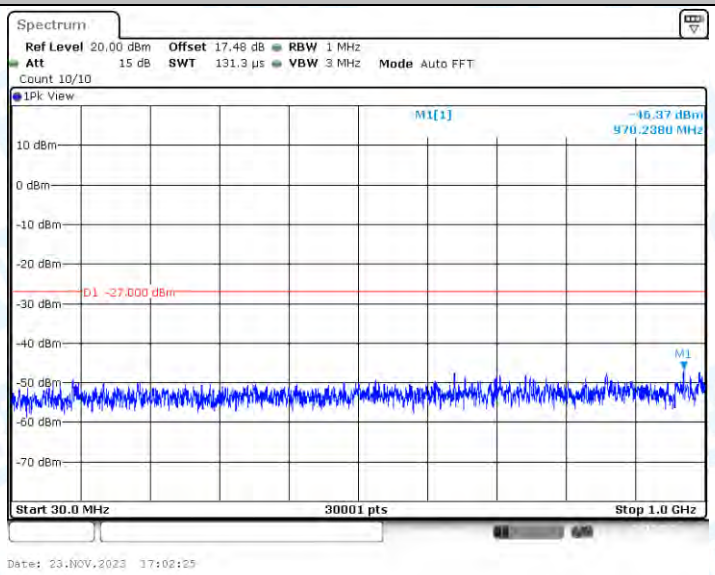
11AC20MIMO_Ant1_5200_30~1000



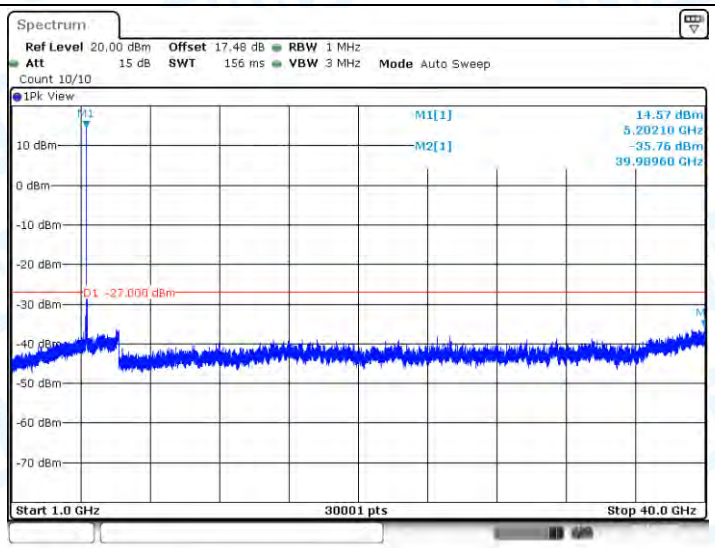
11AC20MIMO_Ant1_5200_1000~40000



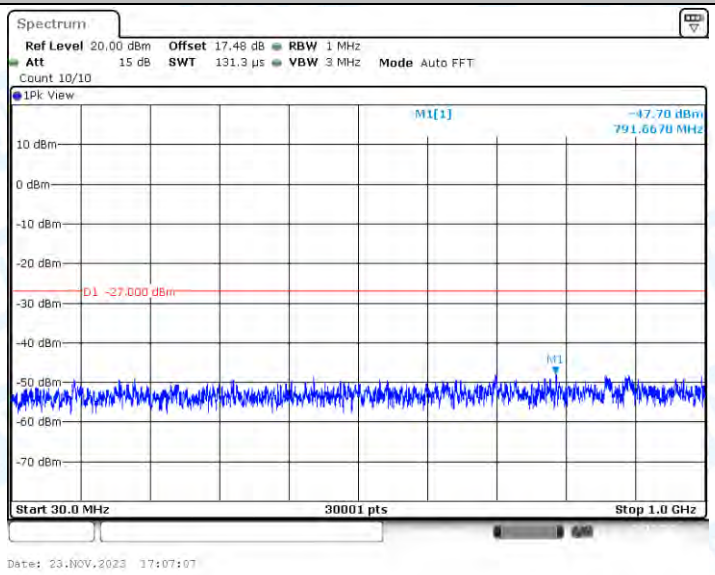
11AC20MIMO_Ant2_5200_30~1000



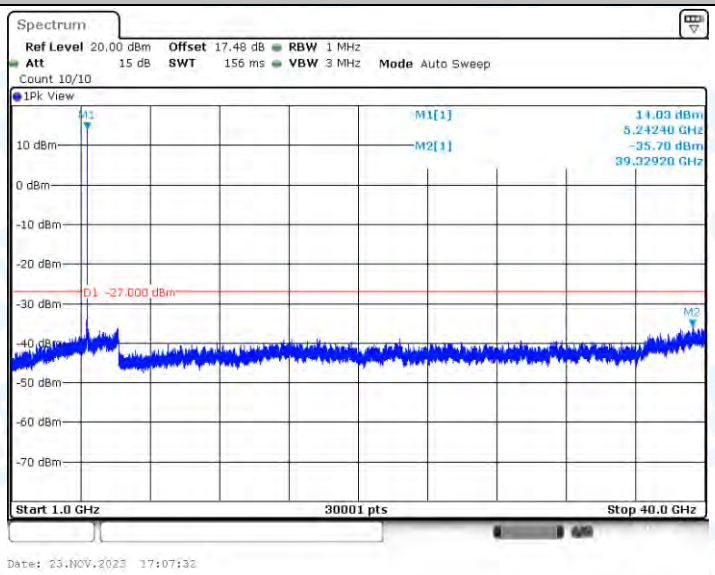
11AC20MIMO_Ant2_5200_1000~40000



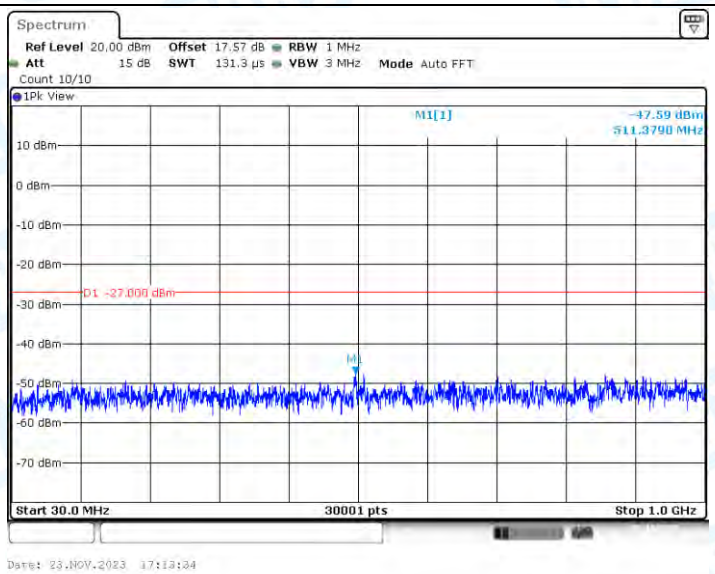
11AC20MIMO_Ant1_5240_30~1000



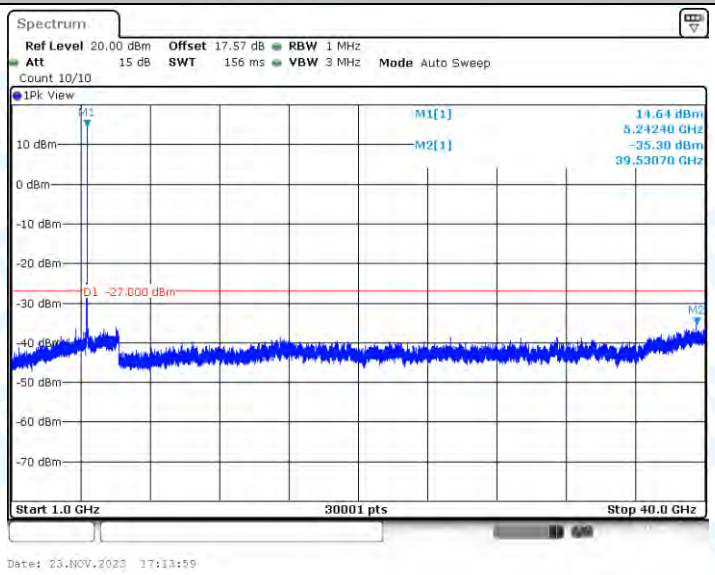
11AC20MIMO_Ant1_5240_1000~40000



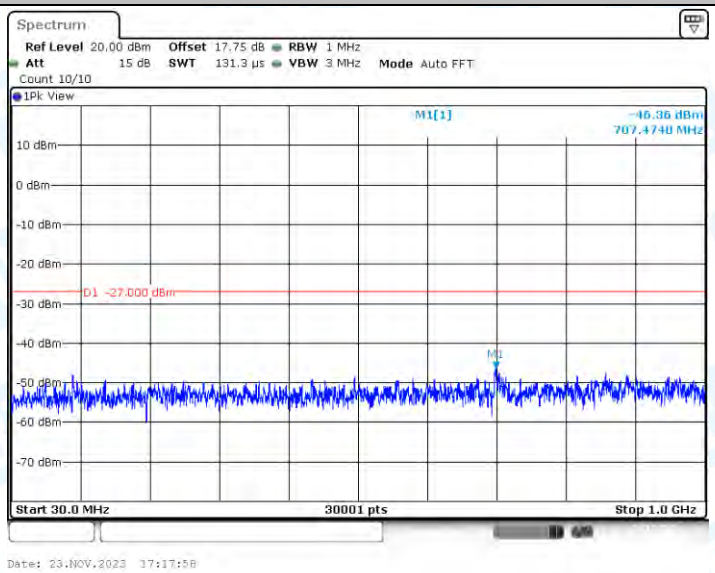
11AC20MIMO_Ant2_5240_30~1000



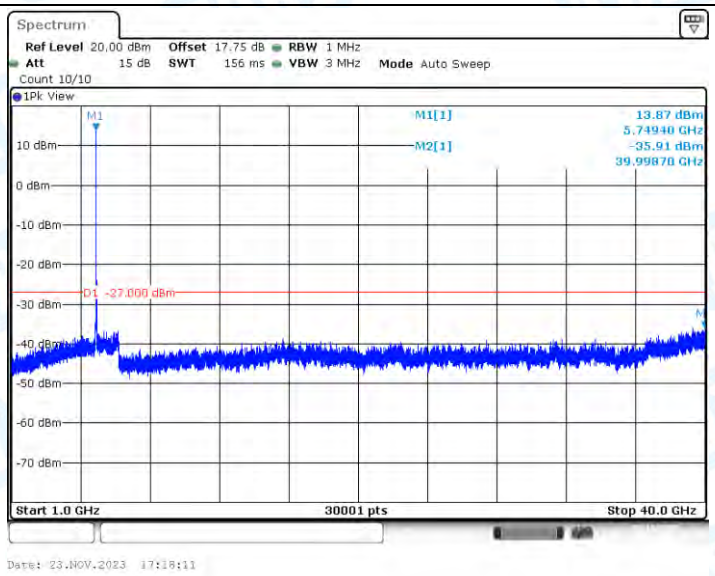
11AC20MIMO_Ant2_5240_1000~40000



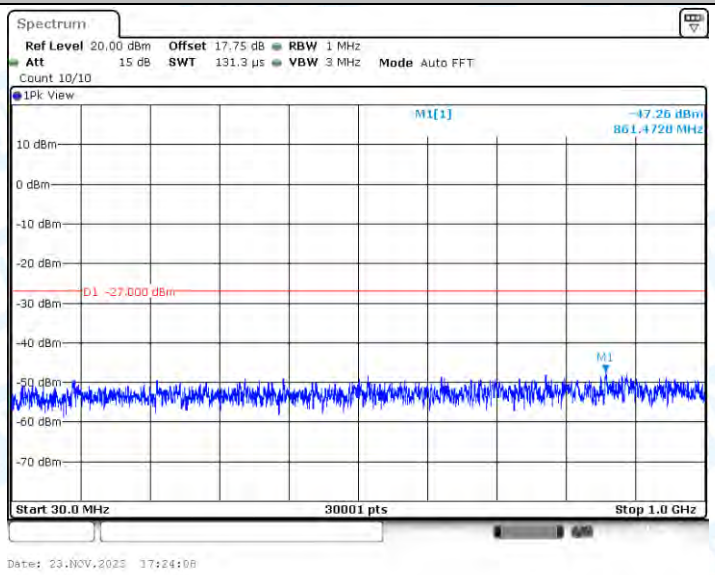
11AC20MIMO_Ant1_5745_30~1000



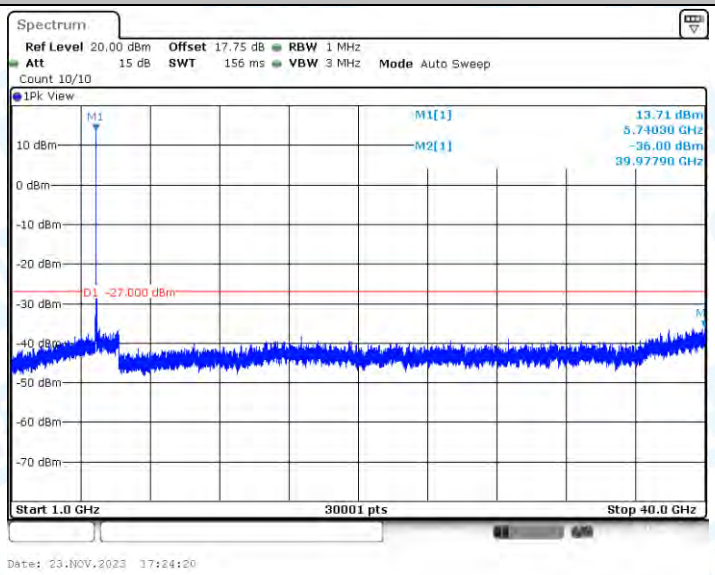
11AC20MIMO_Ant1_5745_1000~40000



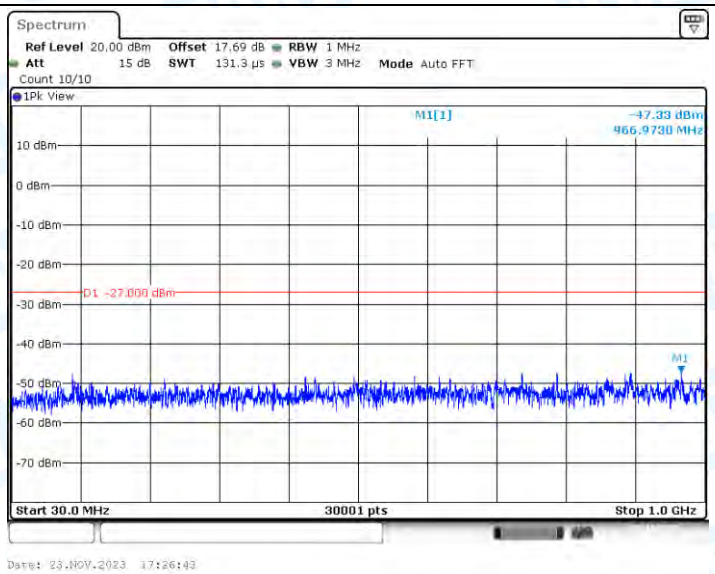
11AC20MIMO_Ant2_5745_30~1000



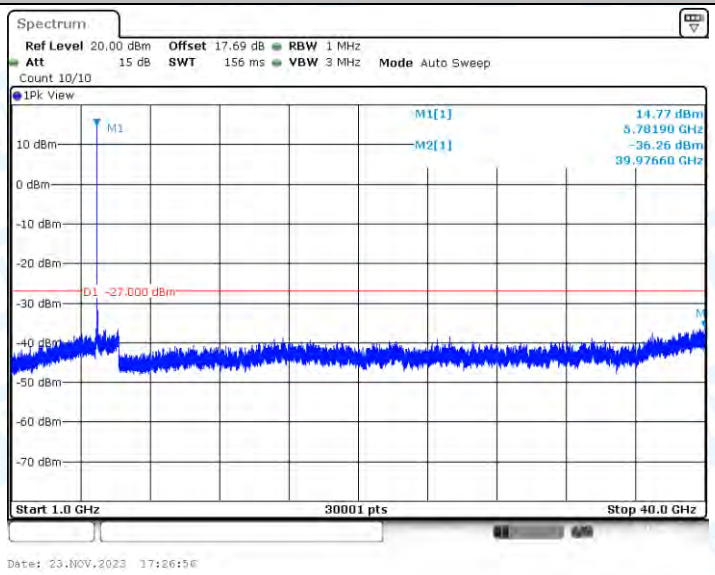
11AC20MIMO_Ant2_5745_1000~40000



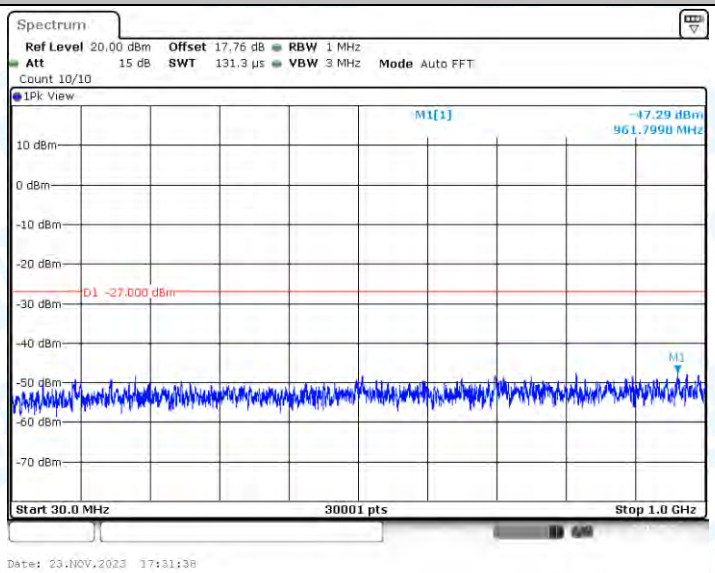
11AC20MIMO_Ant1_5785_30~1000



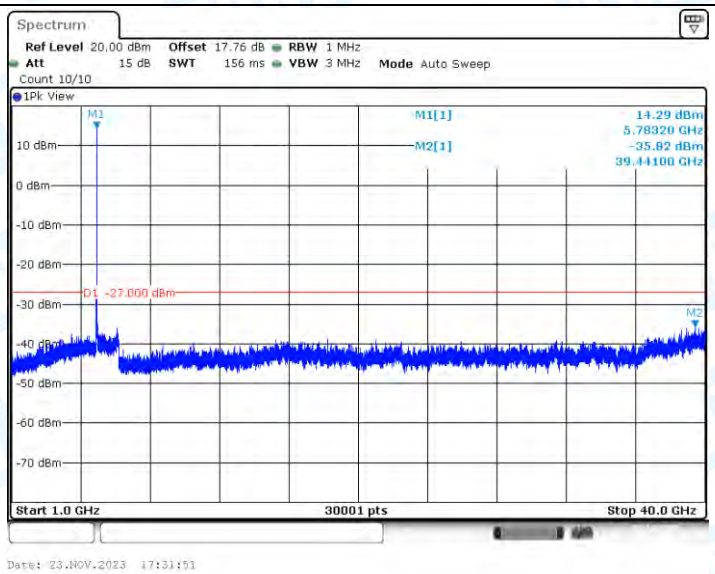
11AC20MIMO_Ant1_5785_1000~40000



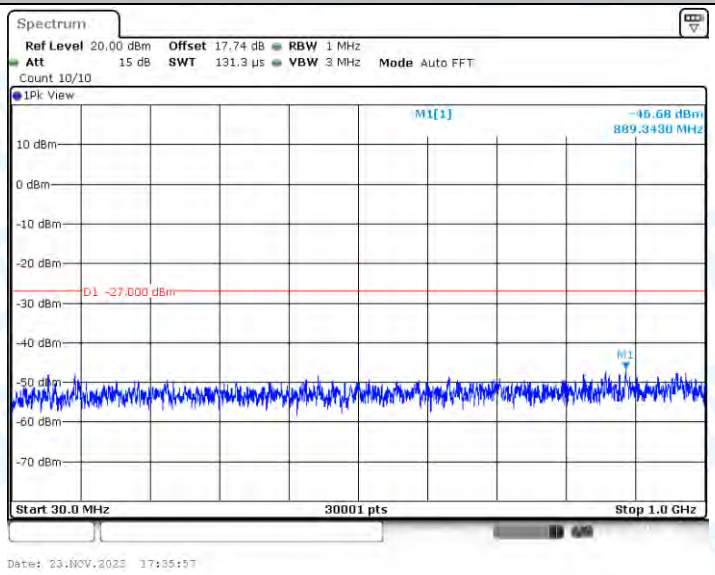
11AC20MIMO_Ant2_5785_30~1000



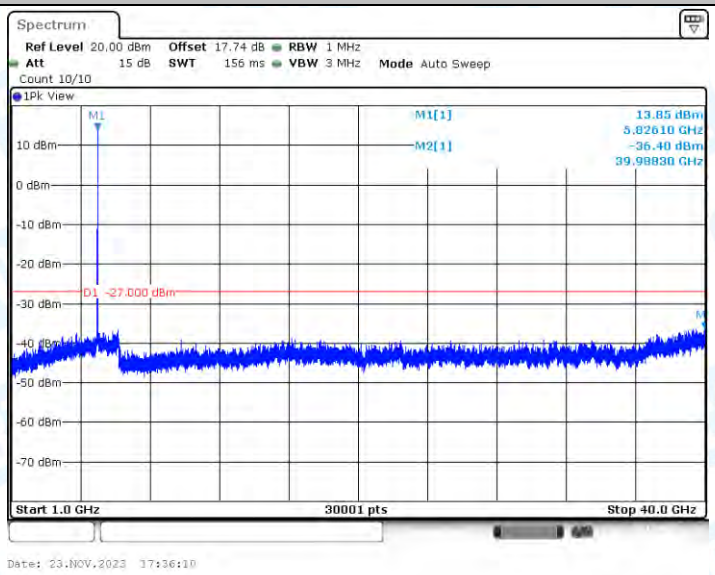
11AC20MIMO_Ant2_5785_1000~40000



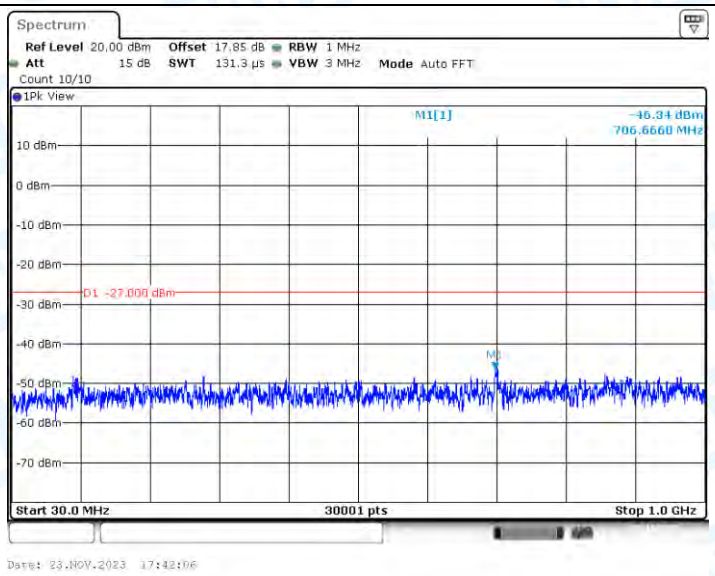
11AC20MIMO_Ant1_5825_30~1000



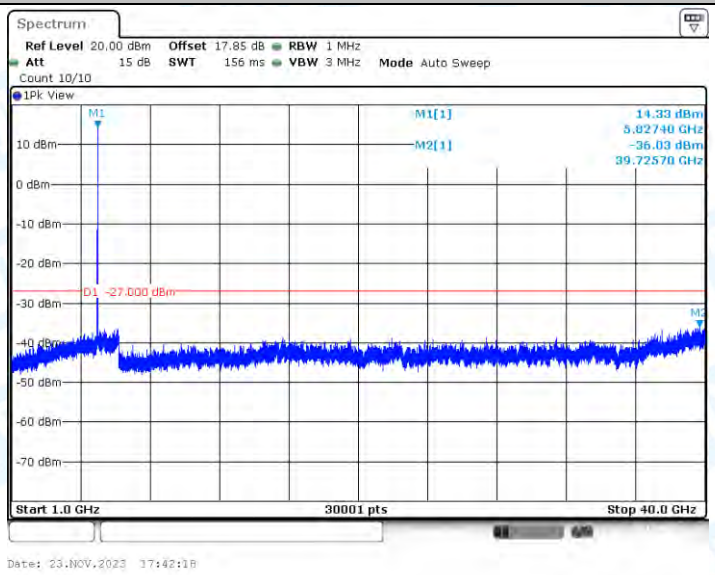
11AC20MIMO_Ant1_5825_1000~40000



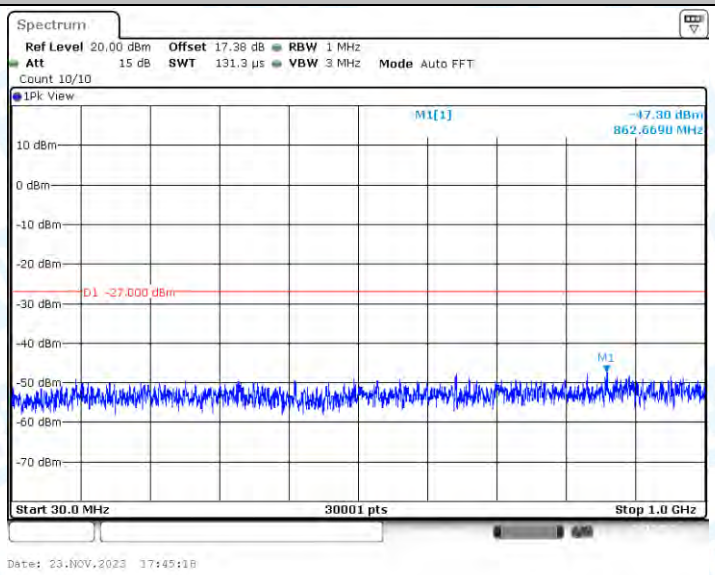
11AC20MIMO_Ant2_5825_30~1000



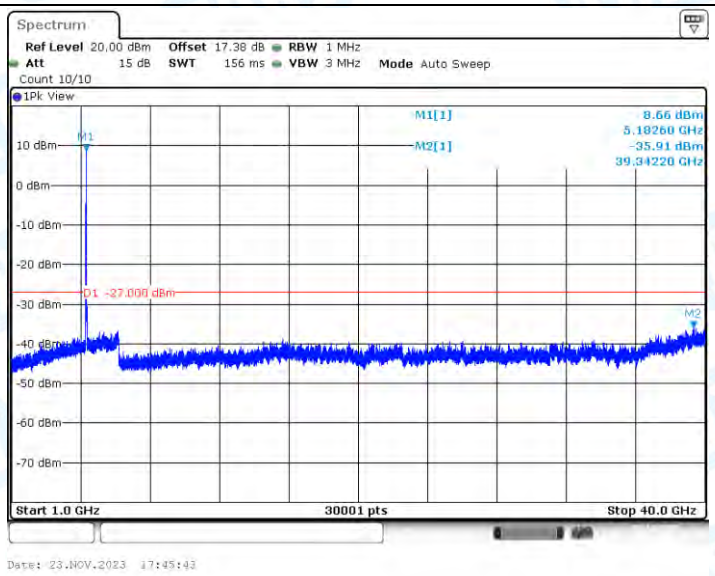
11AC20MIMO_Ant2_5825_1000~40000



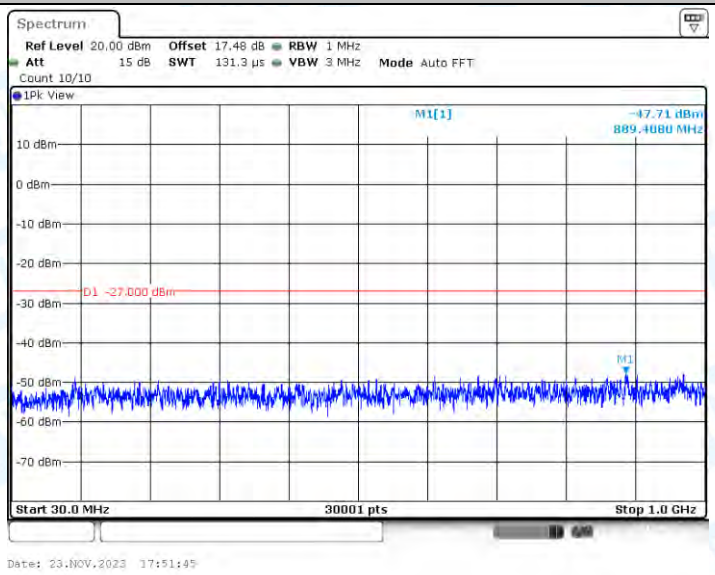
11AC40MIMO_Ant1_5190_30~1000



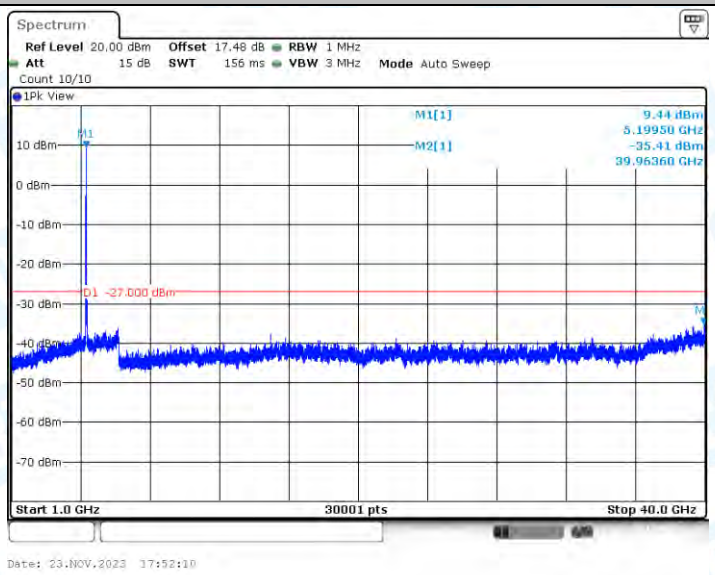
11AC40MIMO_Ant1_5190_1000~40000



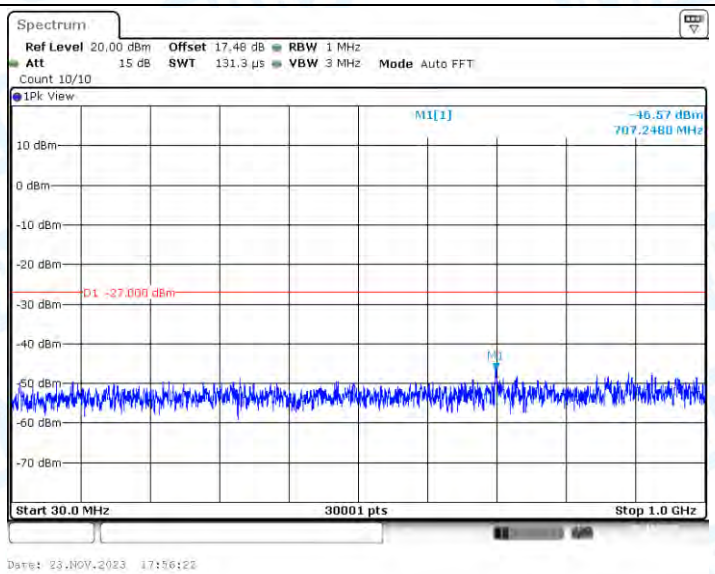
11AC40MIMO_Ant2_5190_30~1000



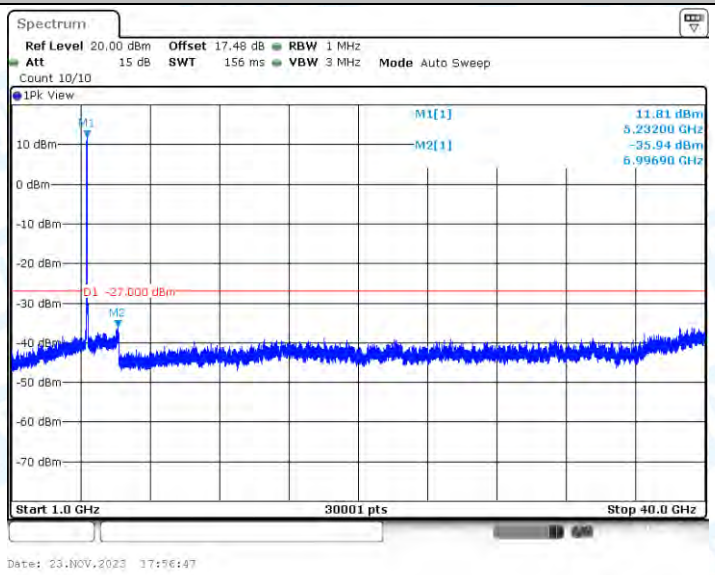
11AC40MIMO_Ant2_5190_1000~40000



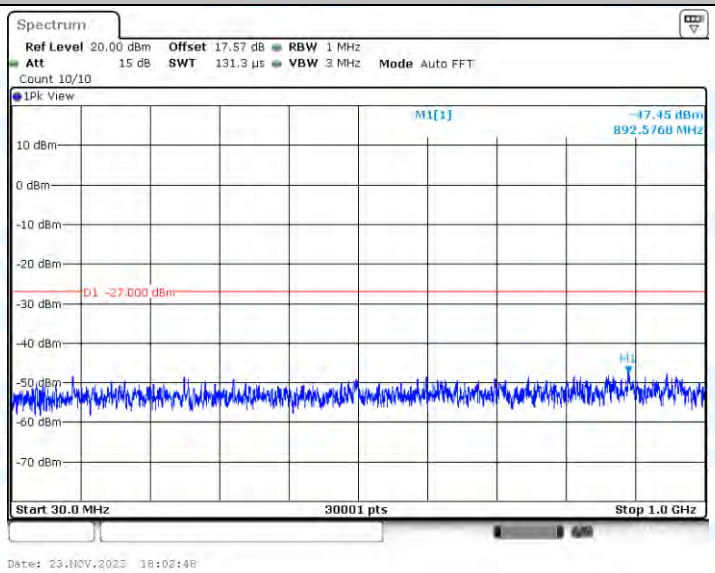
11AC40MIMO_Ant1_5230_30~1000



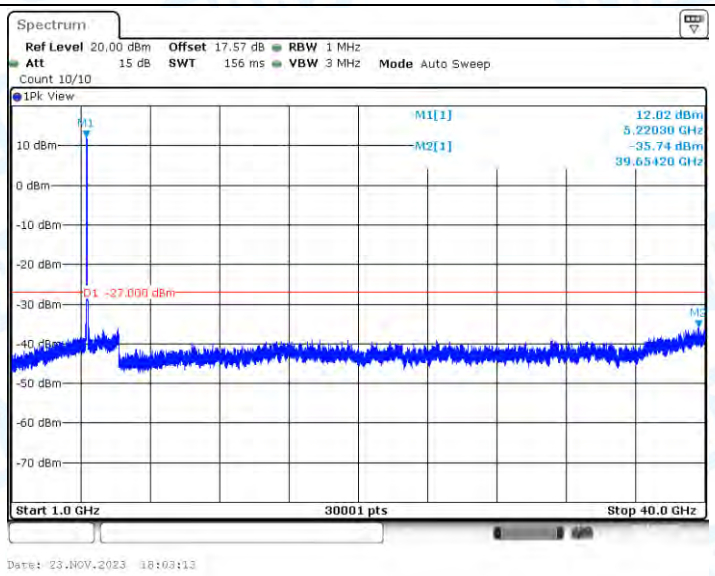
11AC40MIMO_Ant1_5230_1000~40000



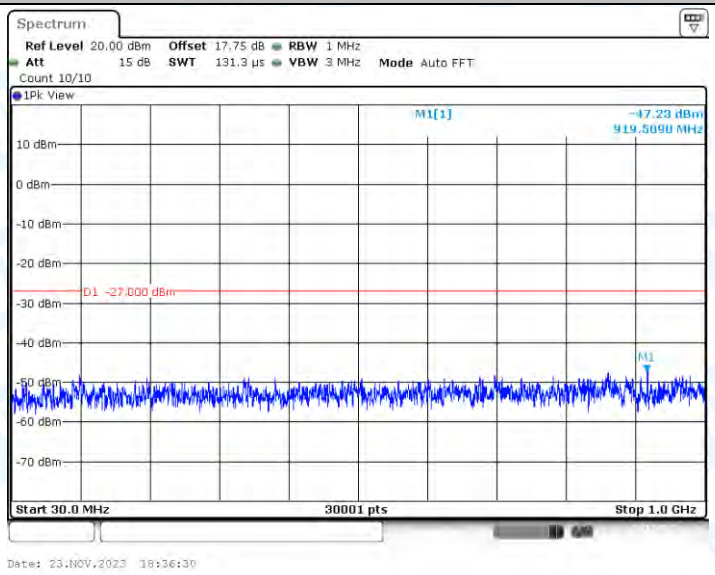
11AC40MIMO_Ant2_5230_30~1000



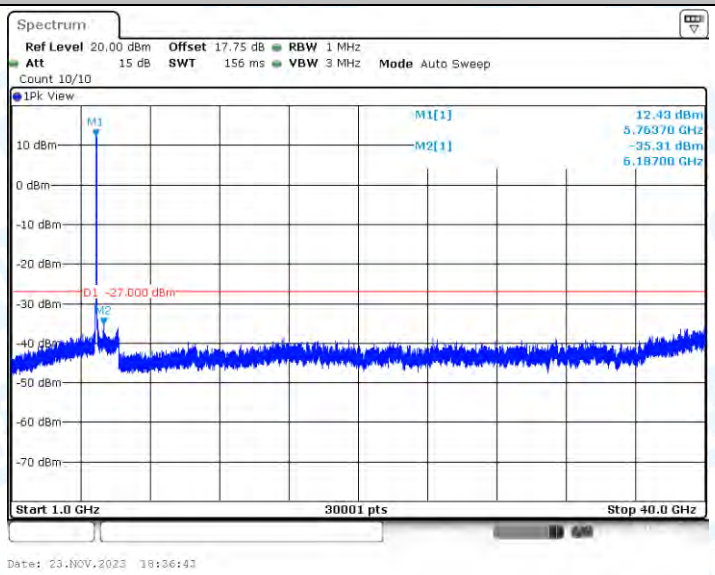
11AC40MIMO_Ant2_5230_1000~40000



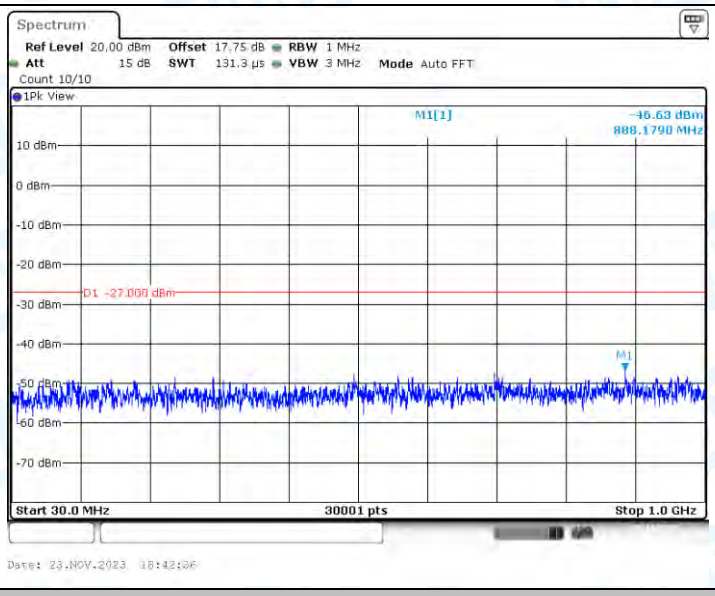
11AC40MIMO_Ant1_5755_30~1000



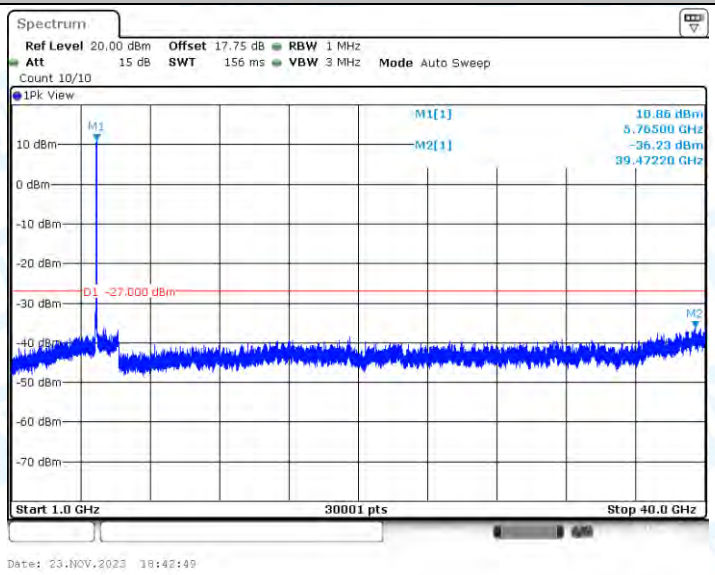
11AC40MIMO_Ant1_5755_1000~40000



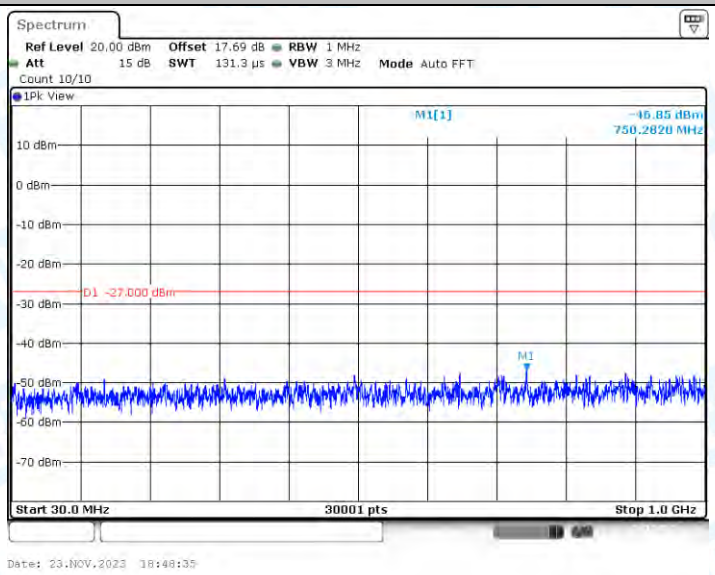
11AC40MIMO_Ant2_5755_30~1000



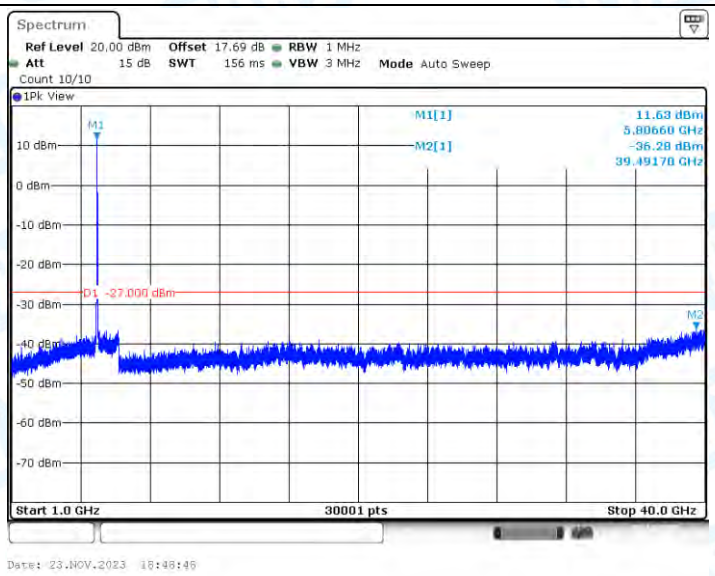
11AC40MIMO_Ant2_5755_1000~40000



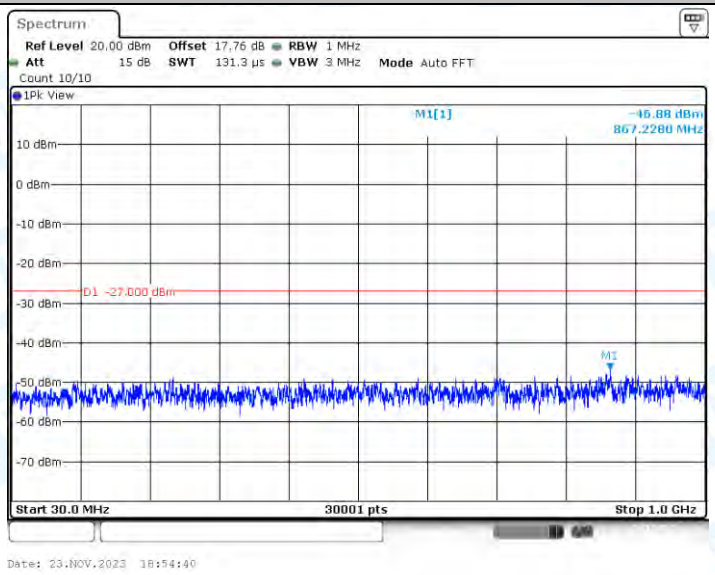
11AC40MIMO_Ant1_5795_30~1000



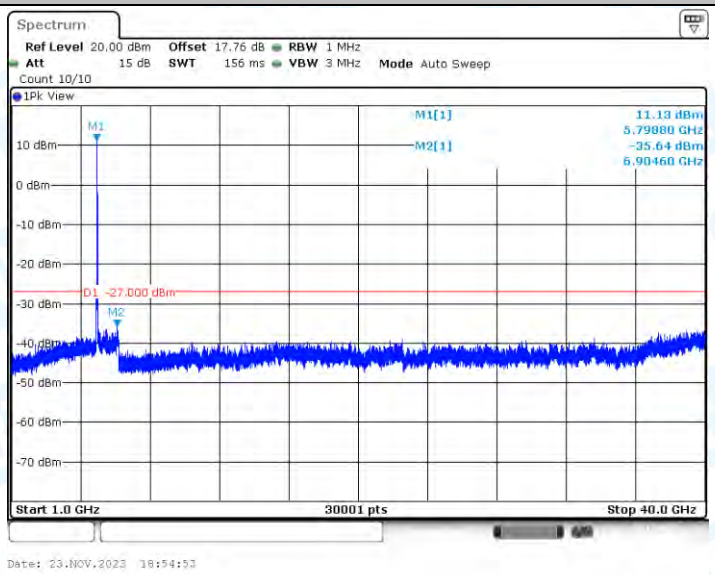
11AC40MIMO_Ant1_5795_1000~40000



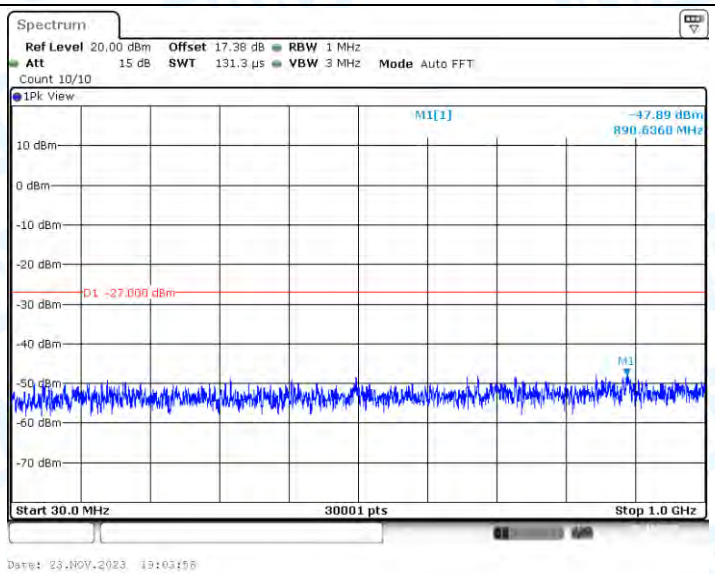
11AC40MIMO_Ant2_5795_30~1000



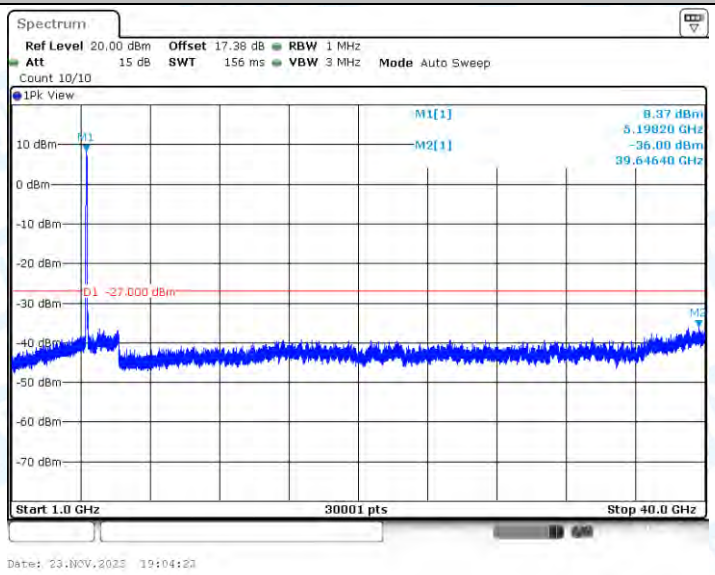
11AC40MIMO_Ant2_5795_1000~40000



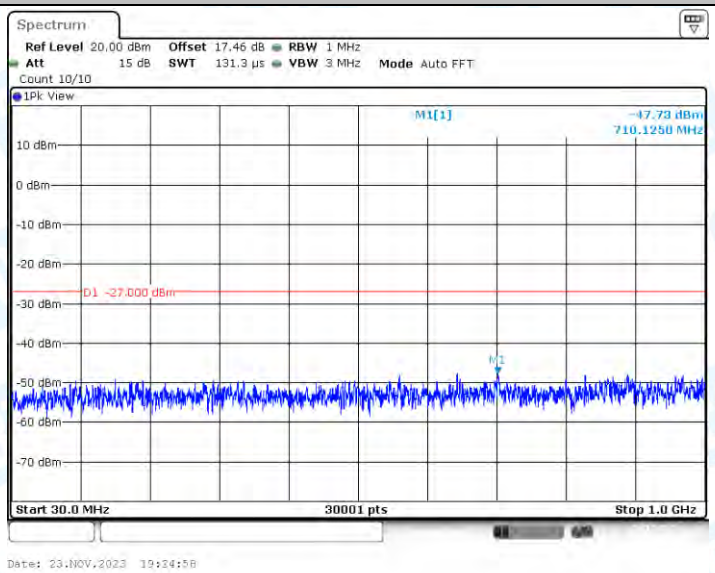
11AC80MIMO_Ant1_5210_30~1000



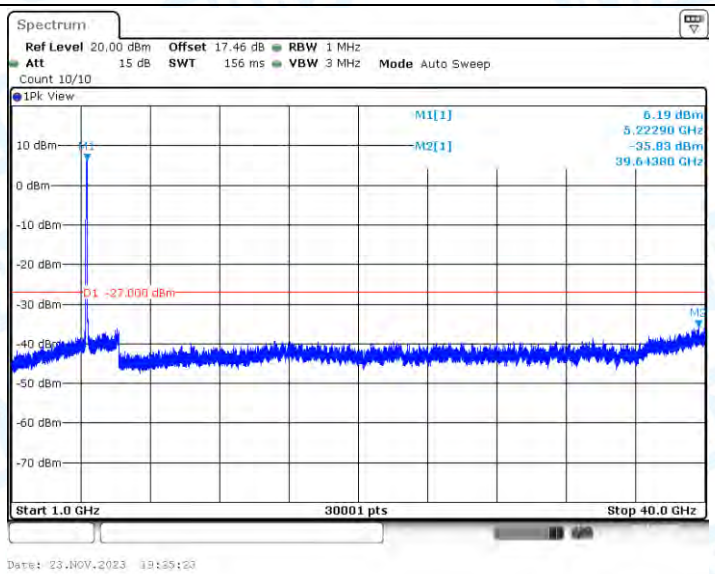
11AC80MIMO_Ant1_5210_1000~40000



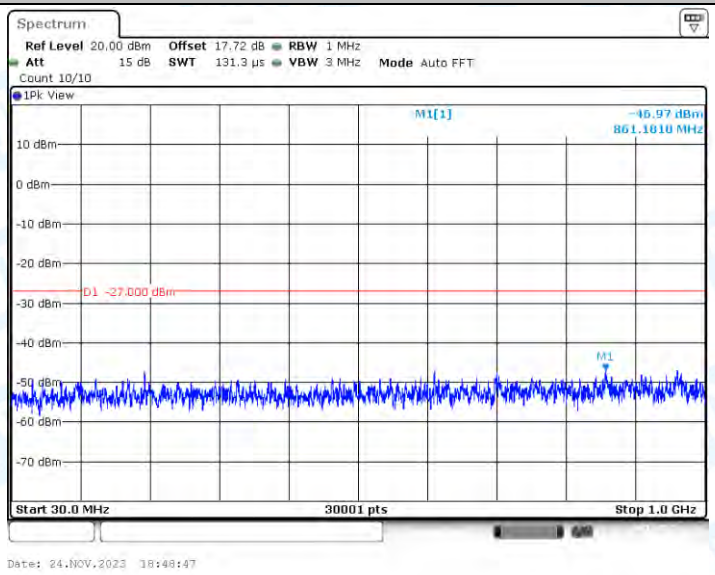
11AC80MIMO_Ant2_5210_30~1000



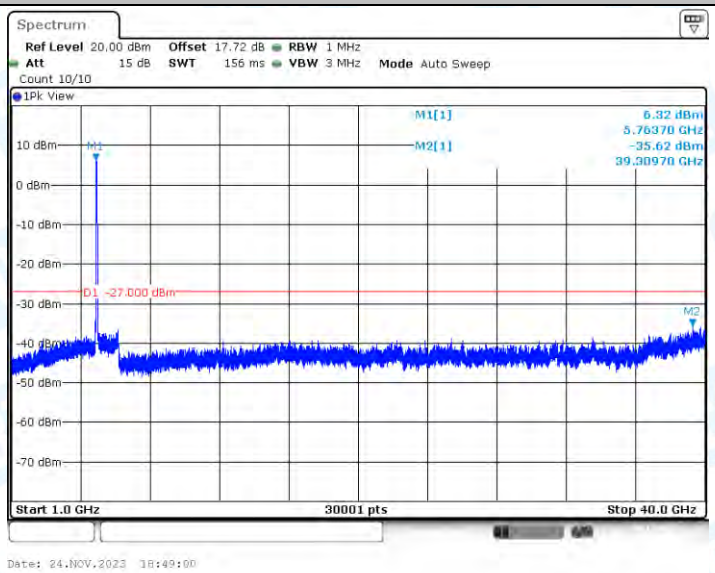
11AC80MIMO_Ant2_5210_1000~40000



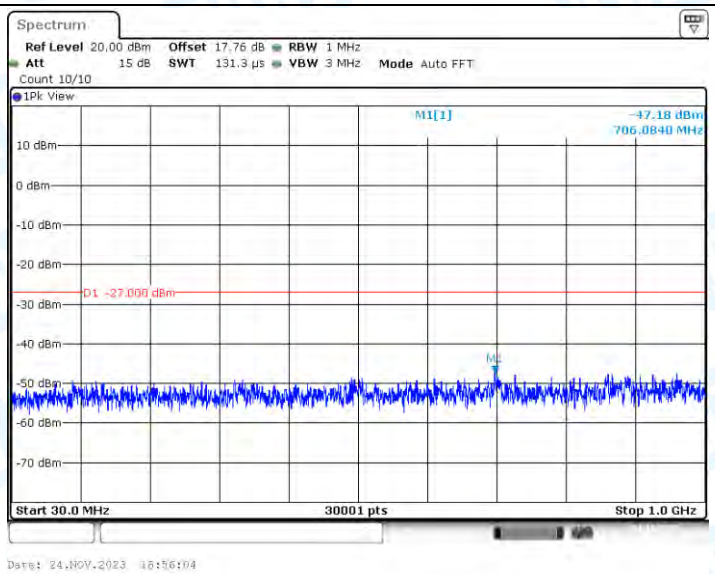
11AC80MIMO_Ant1_5775_30~1000



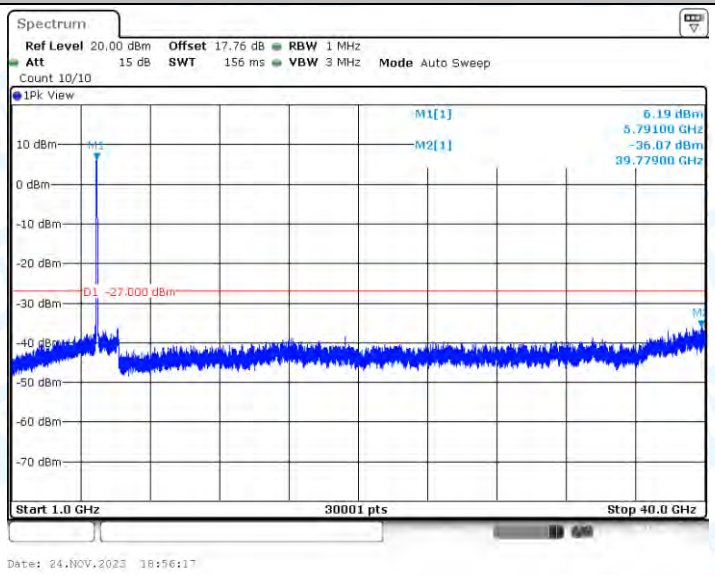
11AC80MIMO_Ant1_5775_1000~40000



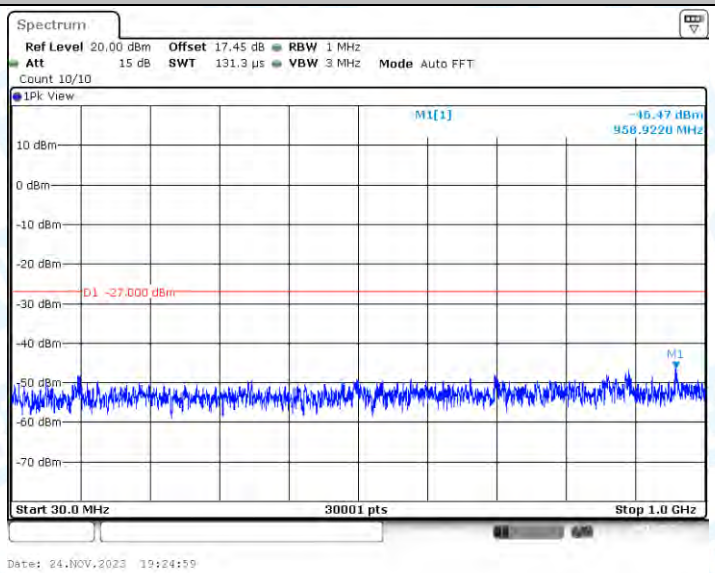
11AC80MIMO_Ant2_5775_30~1000



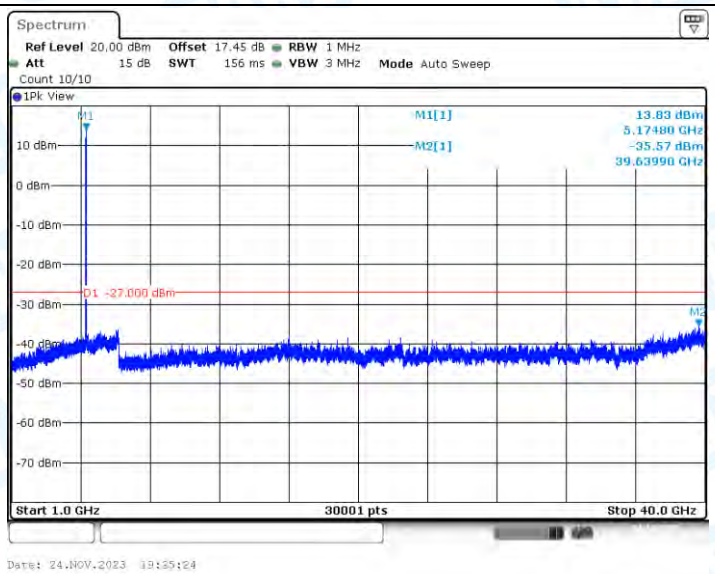
11AC80MIMO_Ant2_5775_1000~40000



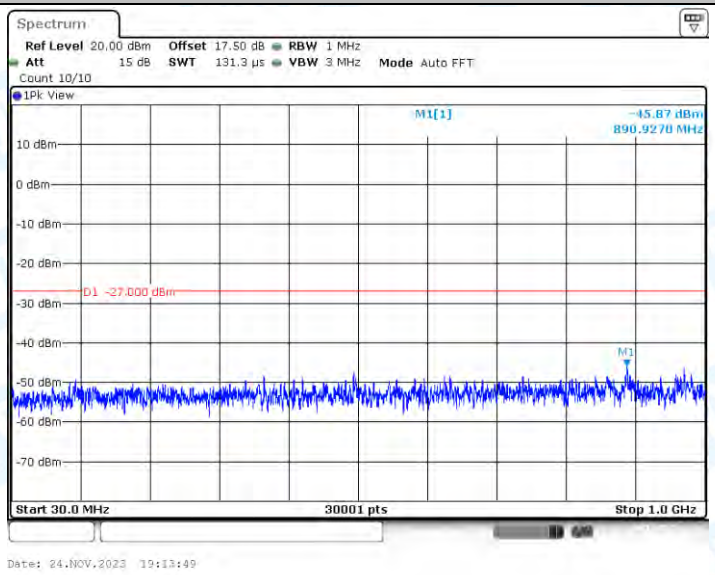
11AX20MIMO_Ant1_5180_30~1000



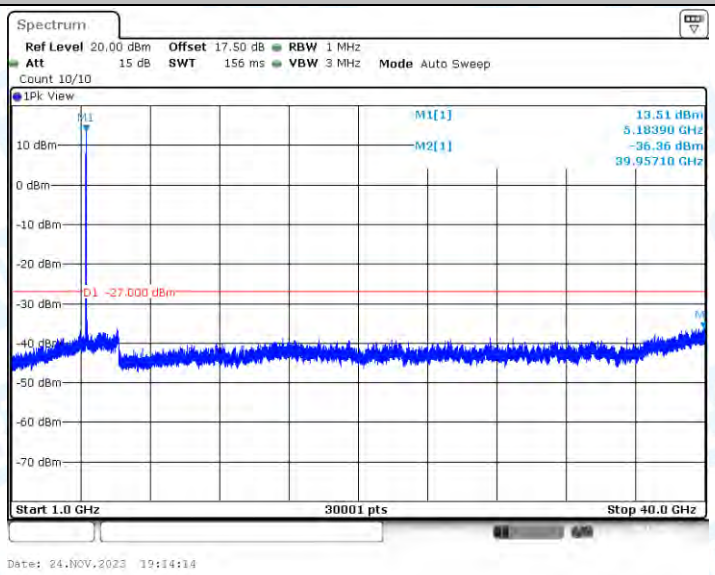
11AX20MIMO_Ant1_5180_1000~40000



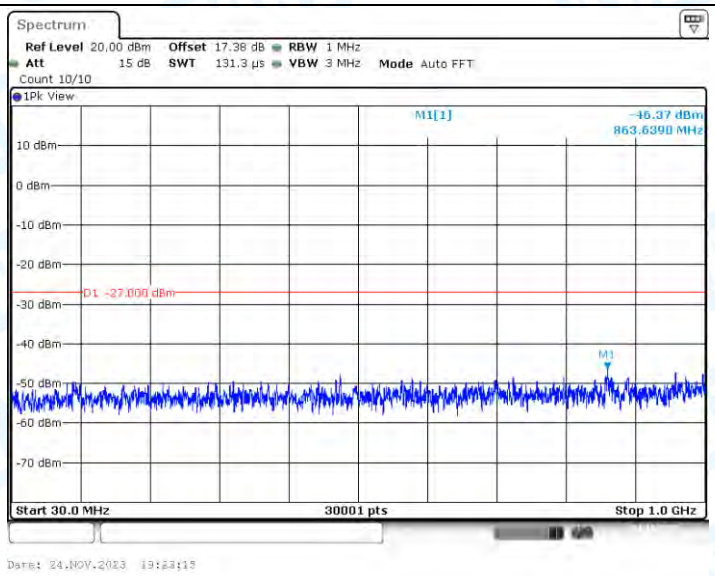
11AX20MIMO_Ant2_5180_30~1000



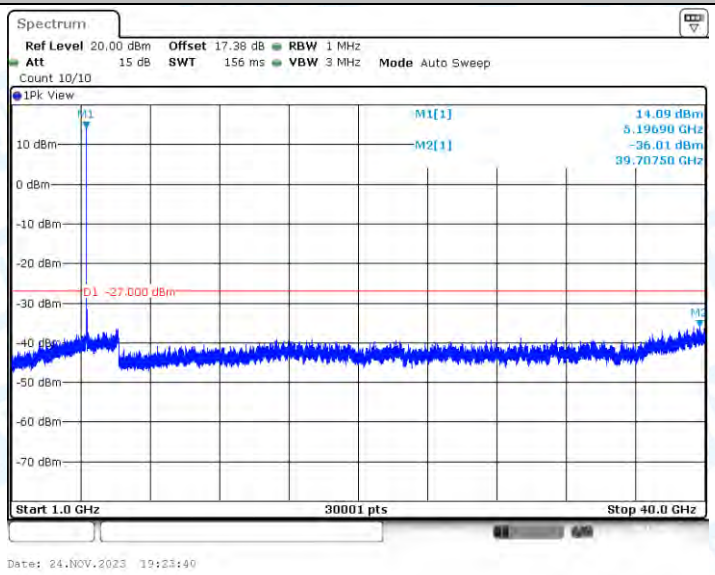
11AX20MIMO_Ant2_5180_1000~40000



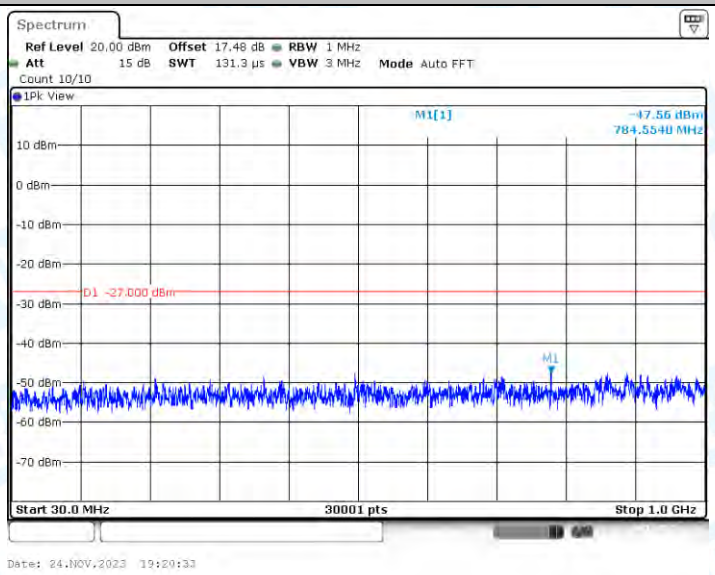
11AX20MIMO_Ant1_5200_30~1000



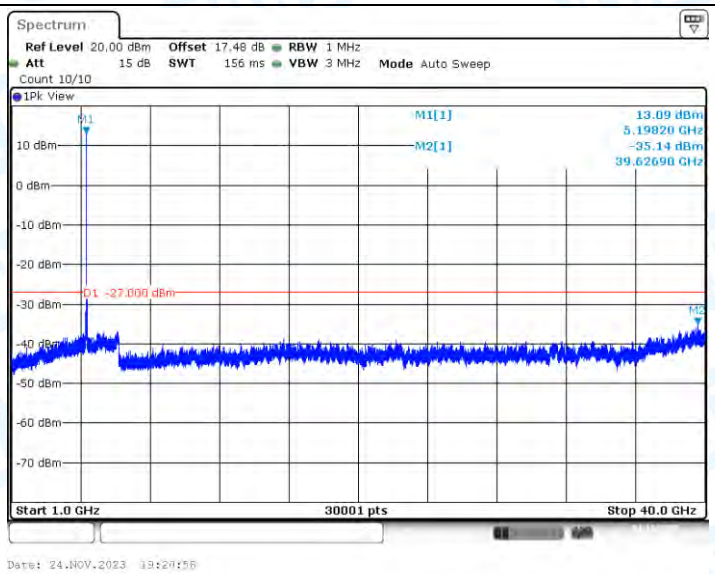
11AX20MIMO_Ant1_5200_1000~40000



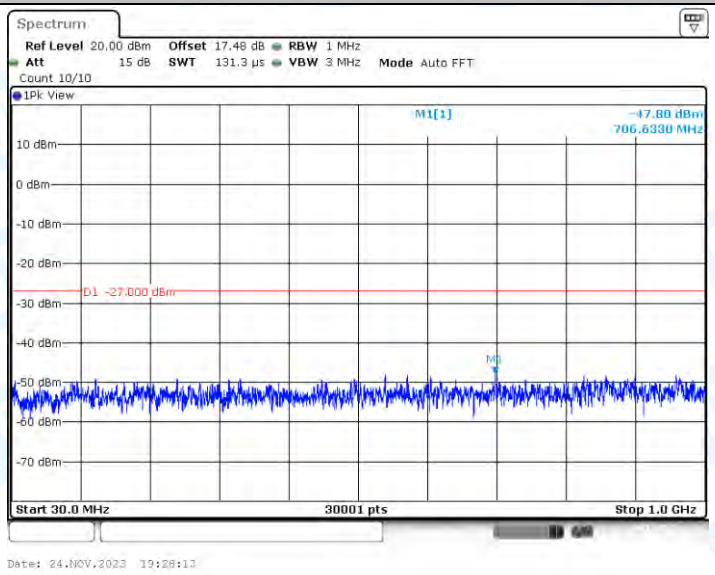
11AX20MIMO_Ant2_5200_30~1000



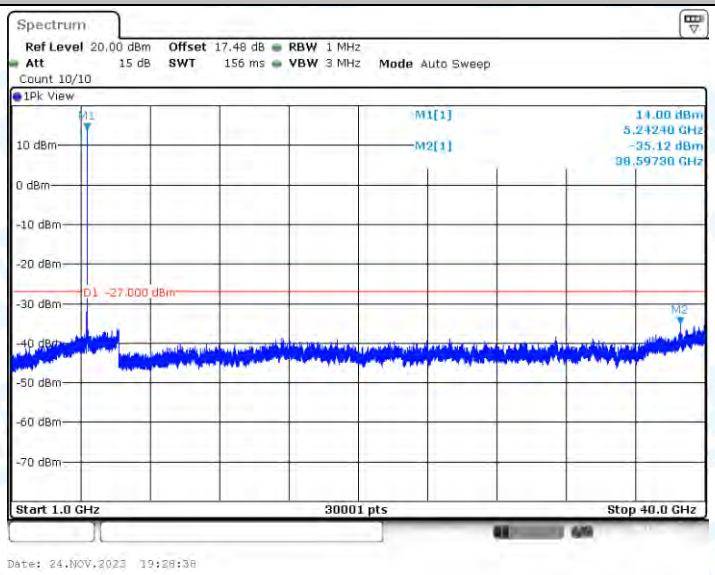
11AX20MIMO_Ant2_5200_1000~40000



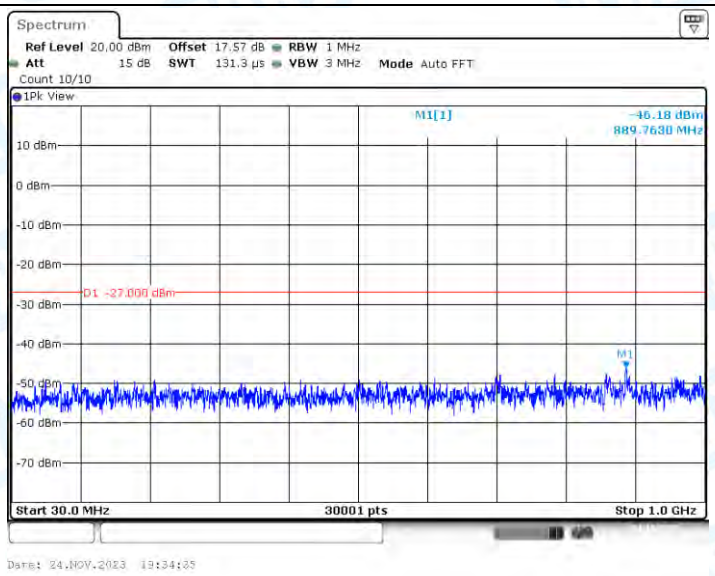
11AX20MIMO_Ant1_5240_30~1000



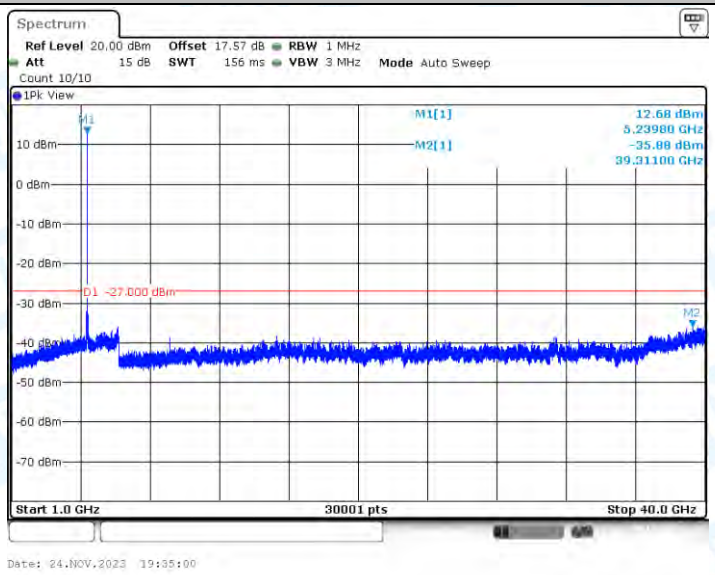
11AX20MIMO_Ant1_5240_1000~40000



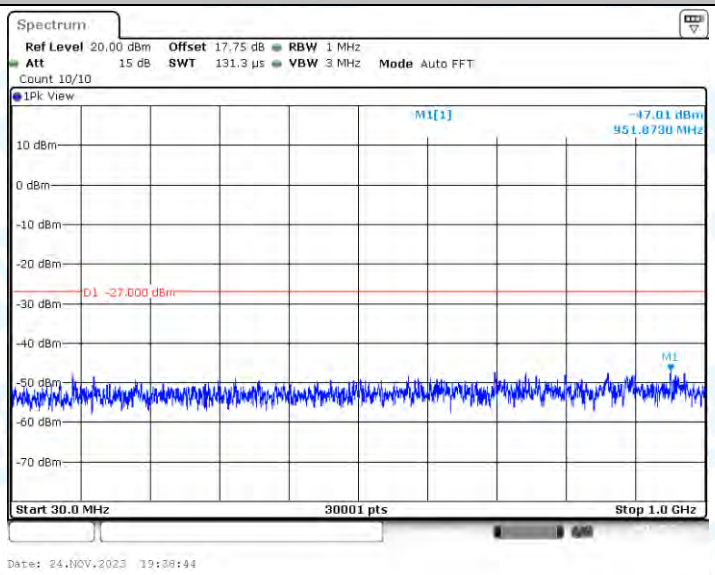
11AX20MIMO_Ant2_5240_30~1000



11AX20MIMO_Ant2_5240_1000~40000



11AX20MIMO_Ant1_5745_30~1000



11AX20MIMO_Ant1_5745_1000~40000