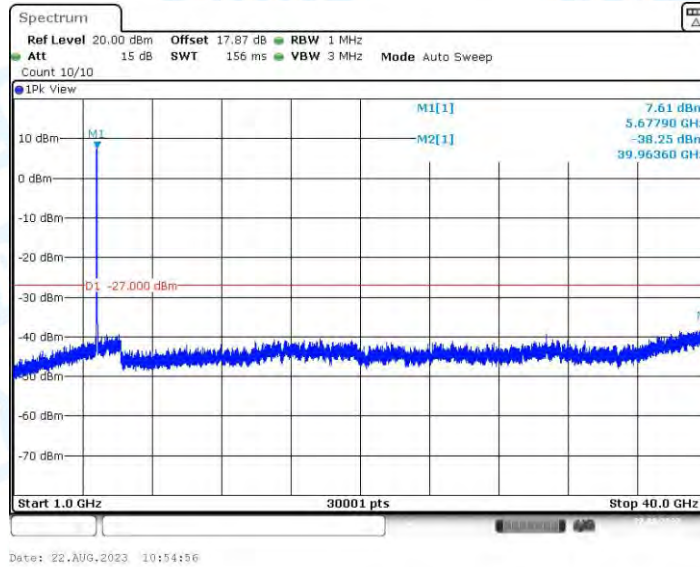
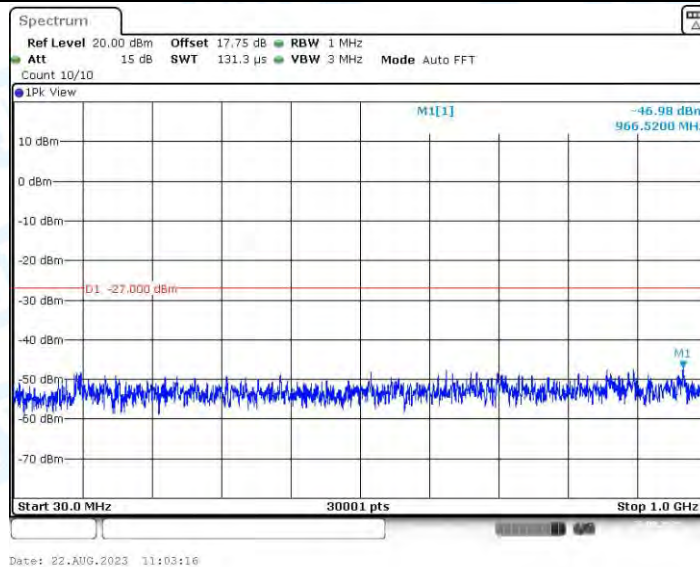
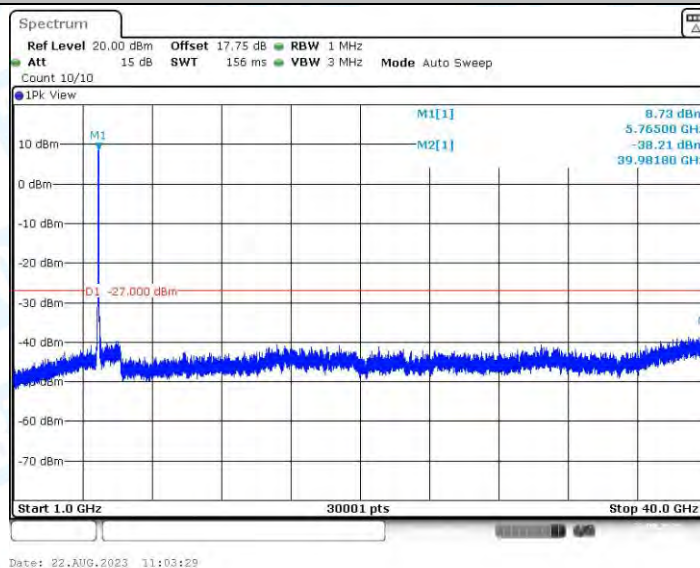




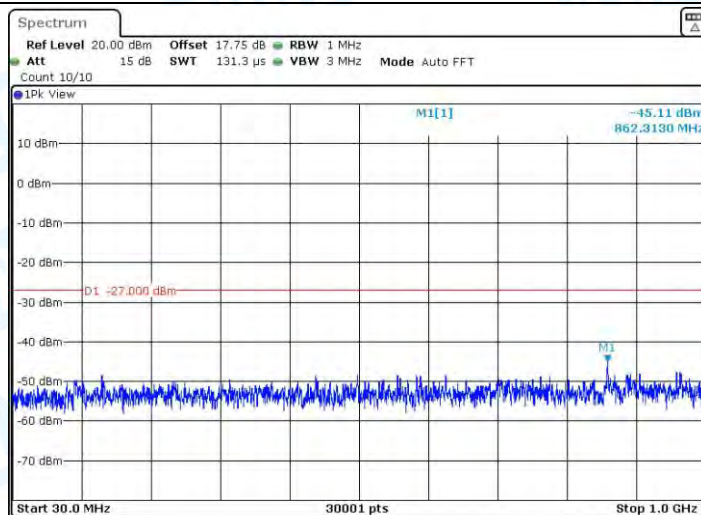
11N40MIMO_Ant1_5755_30~1000



11N40MIMO_Ant1_5755_1000~40000

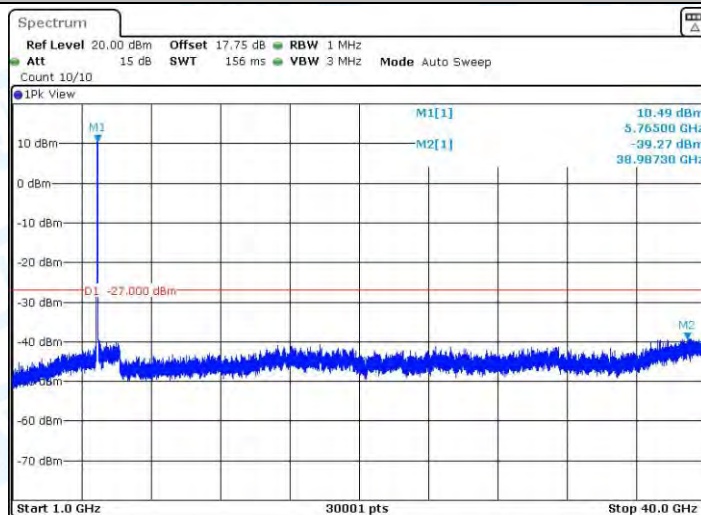


11N40MIMO_Ant2_5755_30~1000



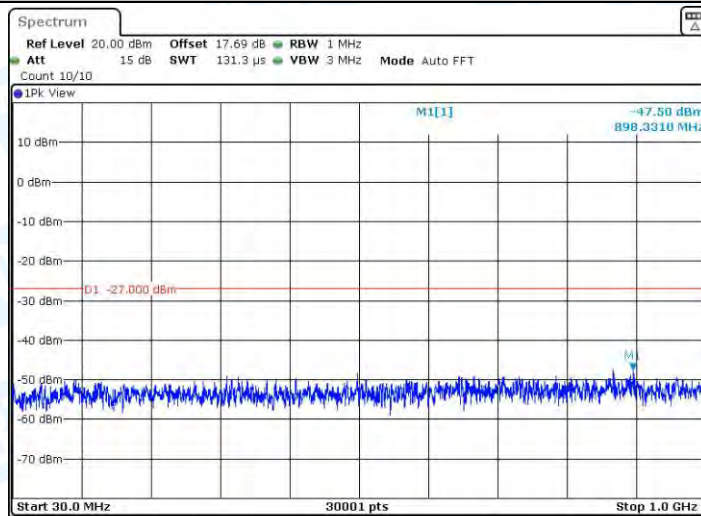
Date: 22.AUG.2023 11:06:32

11N40MIMO_Ant2_5755_1000~40000



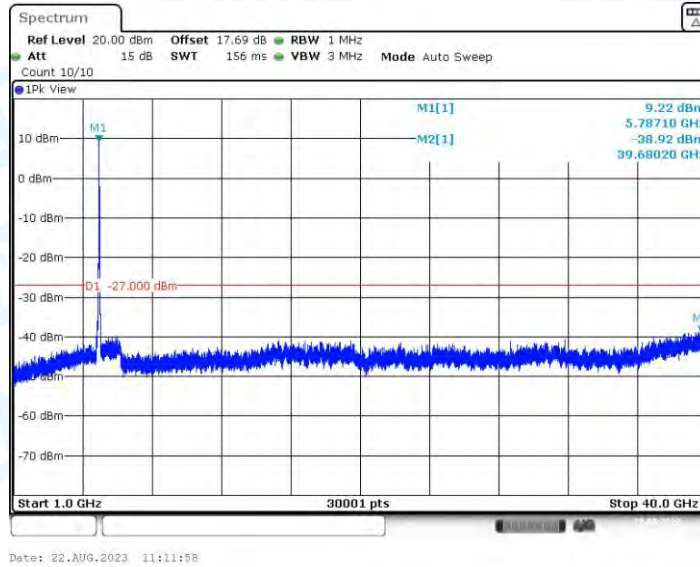
Date: 22.AUG.2023 11:06:45

11N40MIMO_Ant1_5795_30~1000

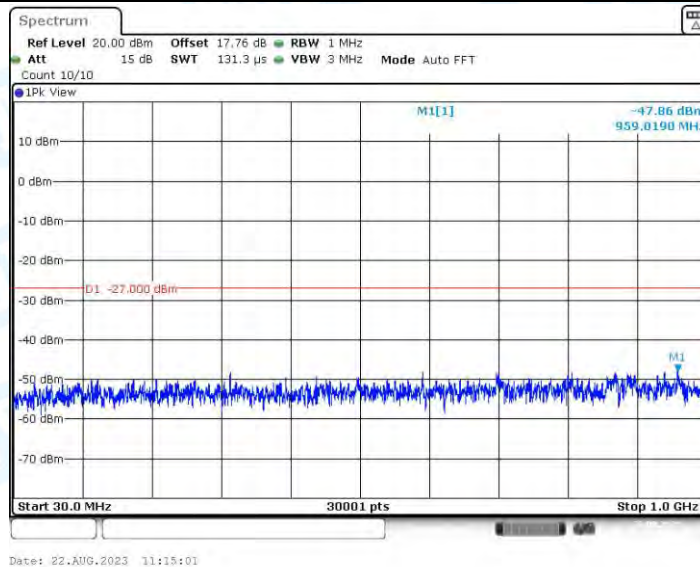


Date: 22.AUG.2023 11:11:45

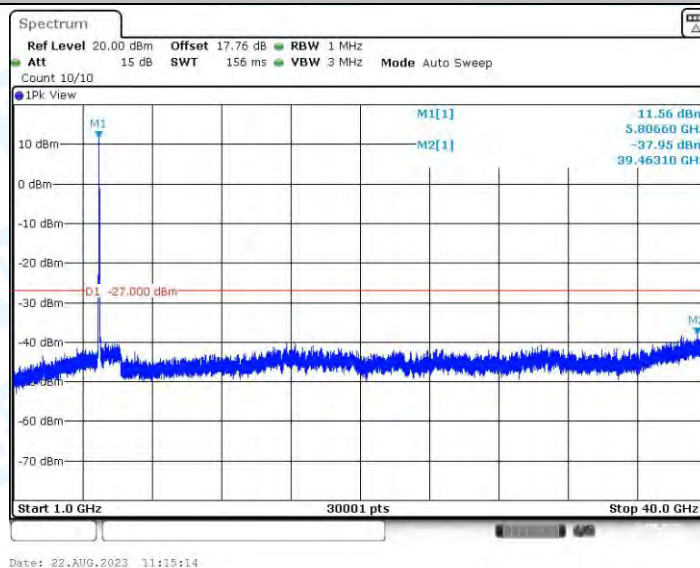
11N40MIMO_Ant1_5795_1000~40000



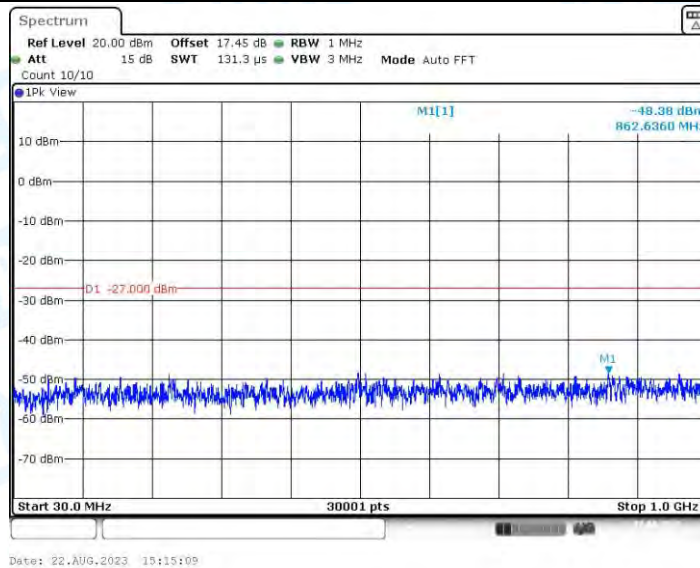
11N40MIMO_Ant2_5795_30~1000



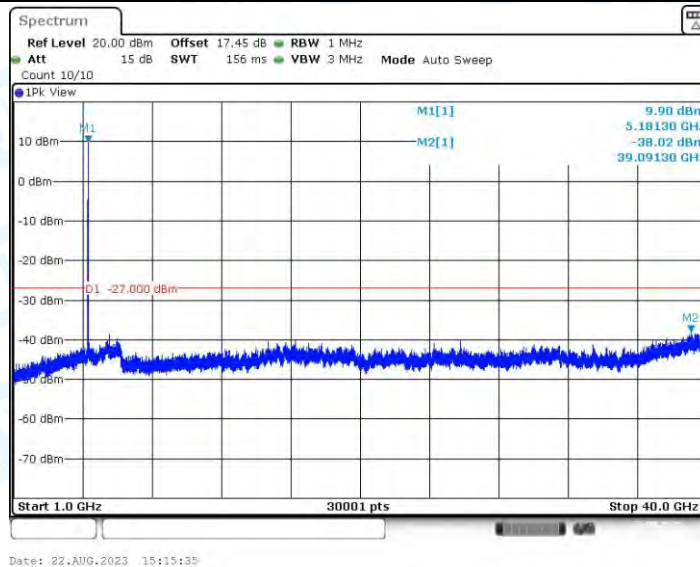
11N40MIMO_Ant2_5795_1000~40000



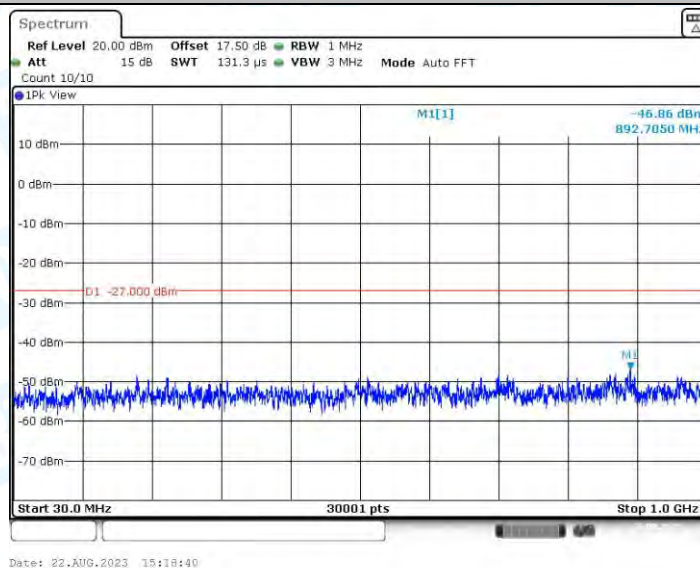
11AC20MIMO_Ant1_5180_30~1000



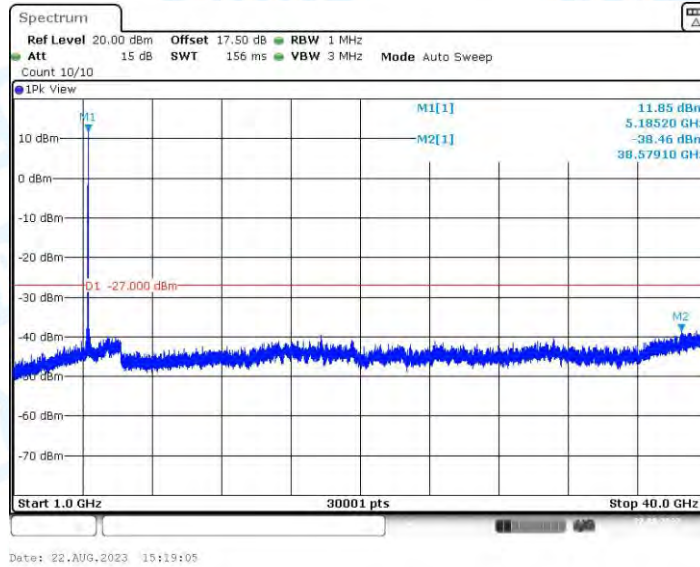
11AC20MIMO_Ant1_5180_1000~40000



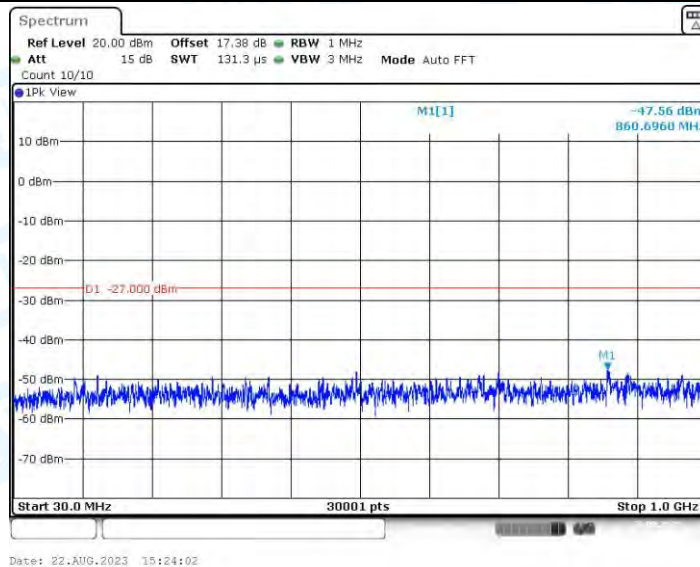
11AC20MIMO_Ant2_5180_30~1000



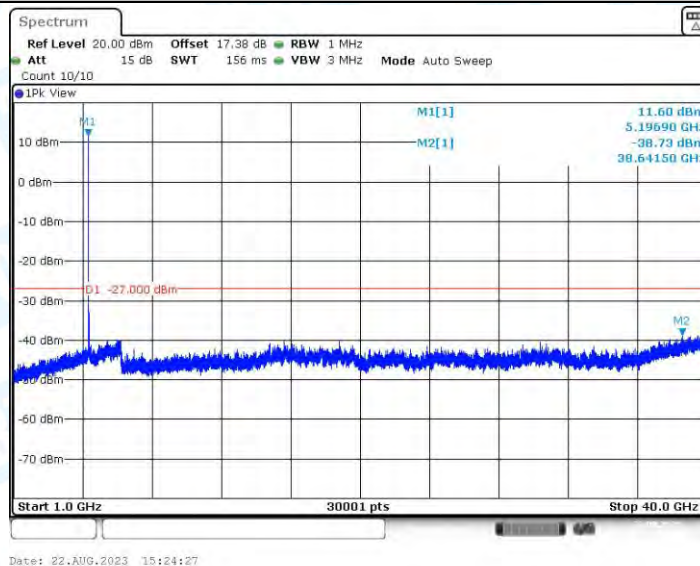
11AC20MIMO_Ant2_5180_1000~40000



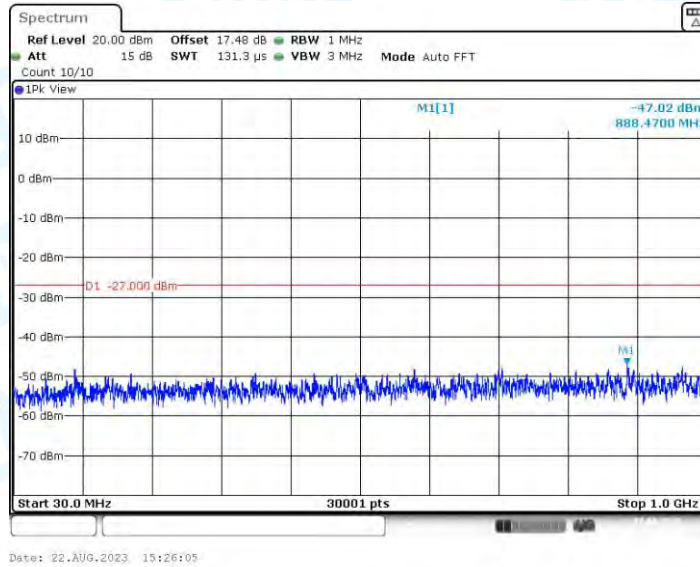
11AC20MIMO_Ant1_5200_30~1000



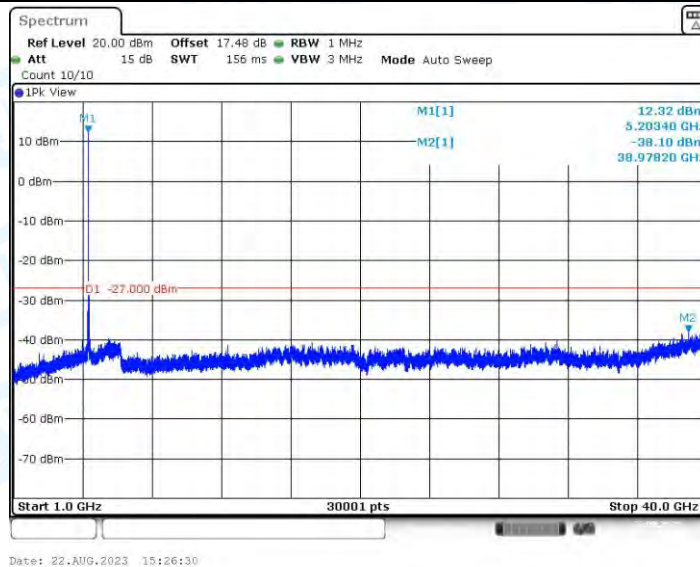
11AC20MIMO_Ant1_5200_1000~40000



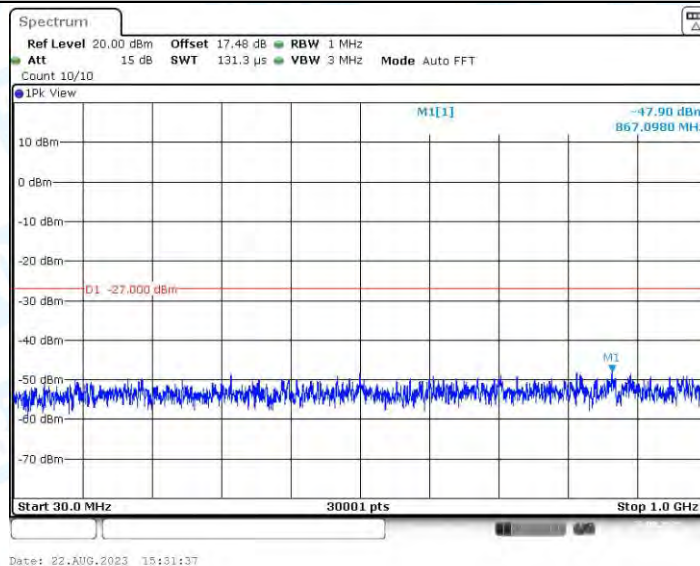
11AC20MIMO_Ant2_5200_30~1000



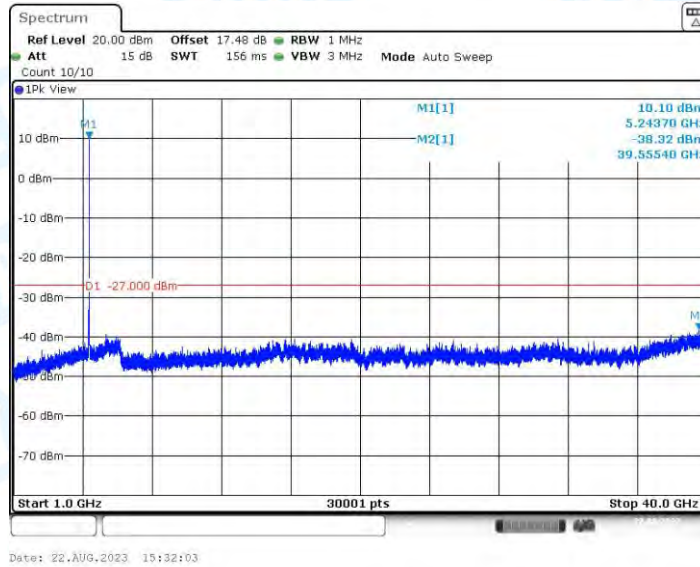
11AC20MIMO_Ant2_5200_1000~40000



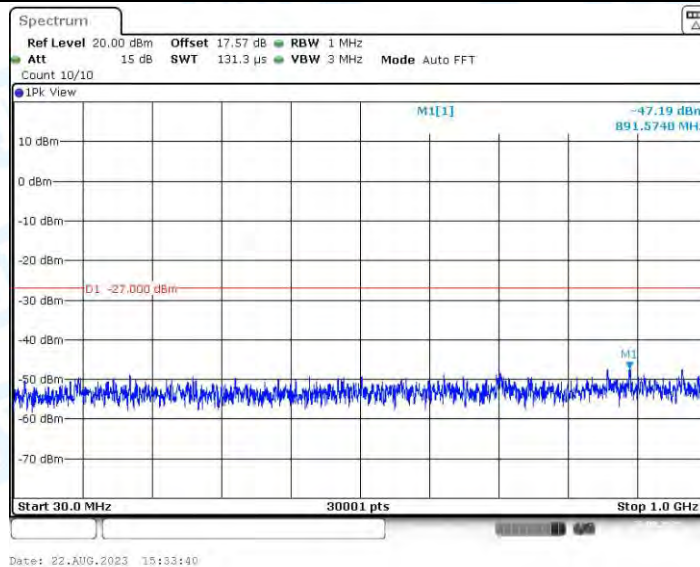
11AC20MIMO_Ant1_5240_30~1000



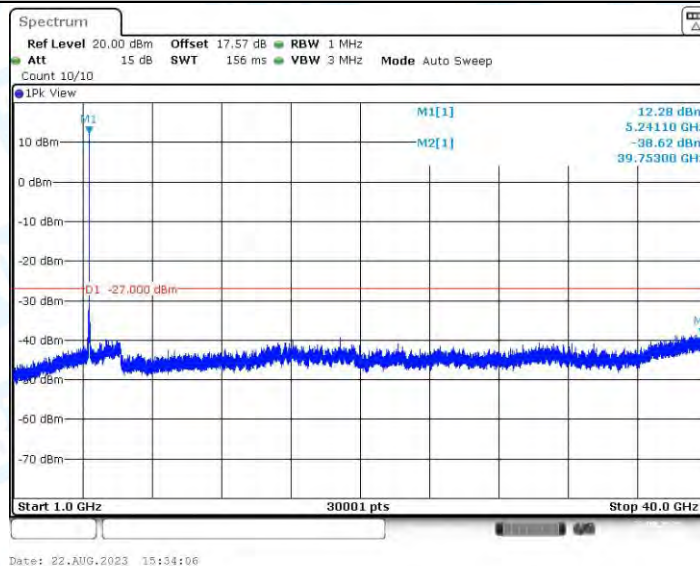
11AC20MIMO_Ant1_5240_1000~40000



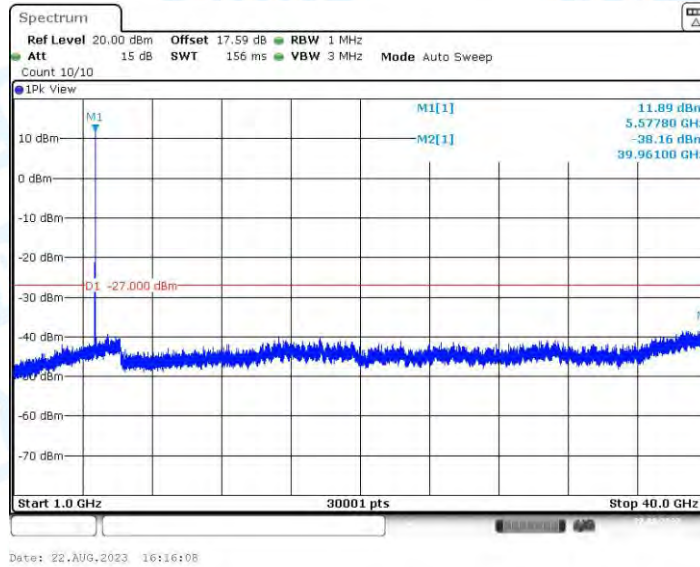
11AC20MIMO_Ant2_5240_30~1000



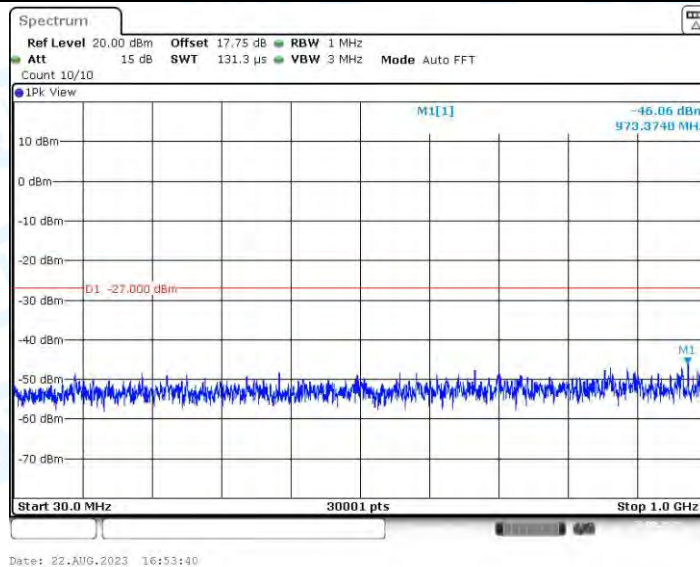
11AC20MIMO_Ant2_5240_1000~40000



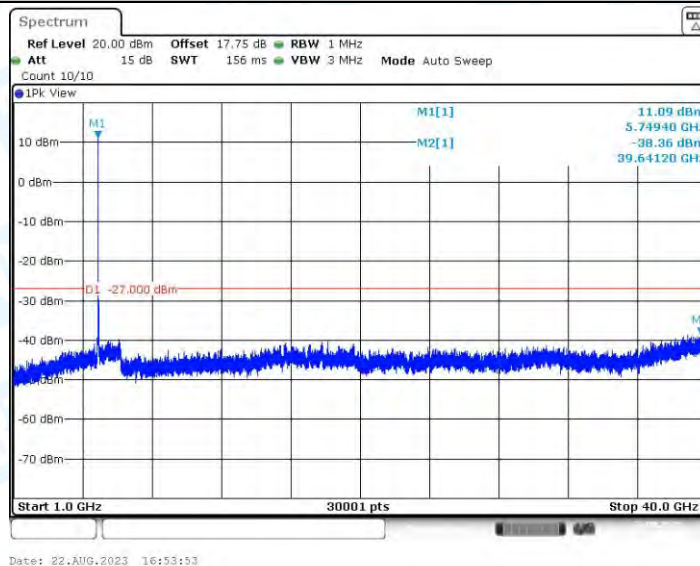
11AC20MIMO_Ant1_5580_1000~40000



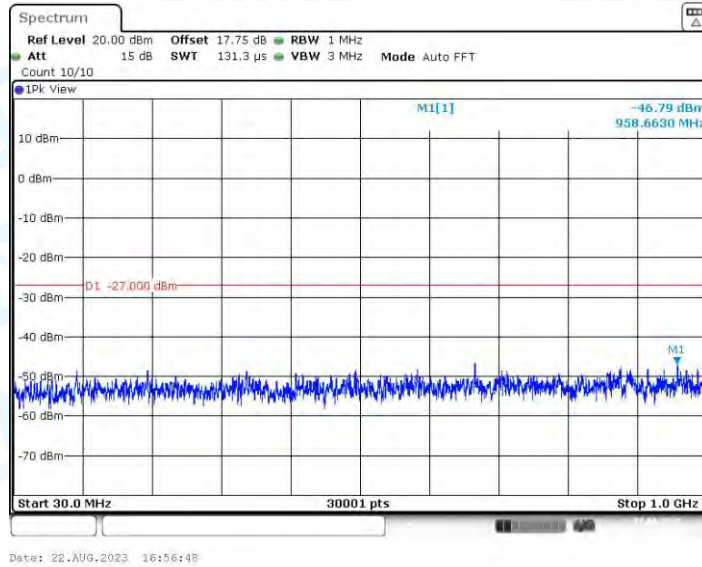
11AC20MIMO_Ant1_5745_30~1000



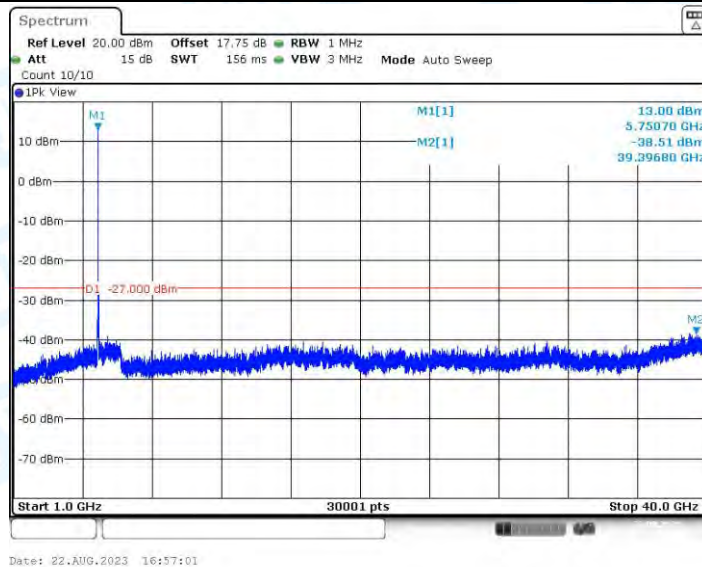
11AC20MIMO_Ant1_5745_1000~40000



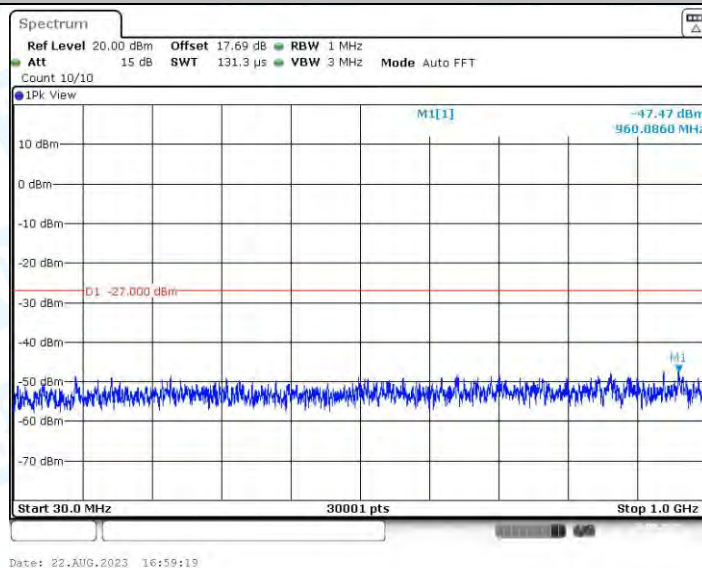
11AC20MIMO_Ant2_5745_30~1000



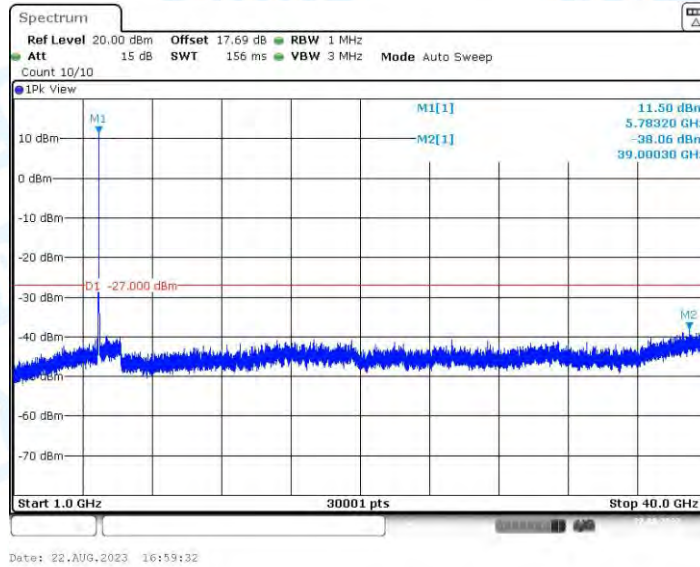
11AC20MIMO_Ant2_5745_1000~40000



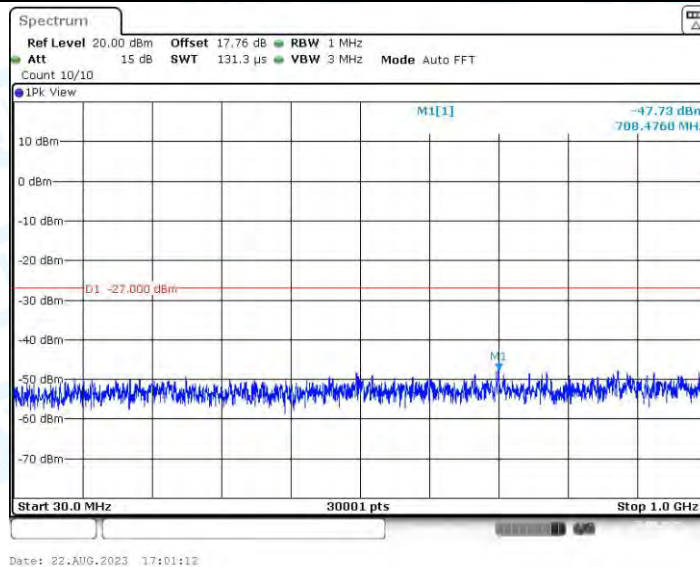
11AC20MIMO_Ant1_5785_30~1000



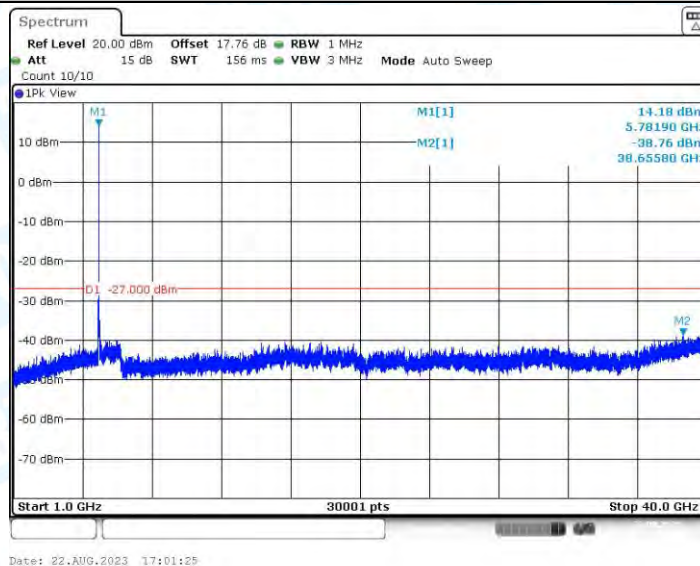
11AC20MIMO_Ant1_5785_1000~40000



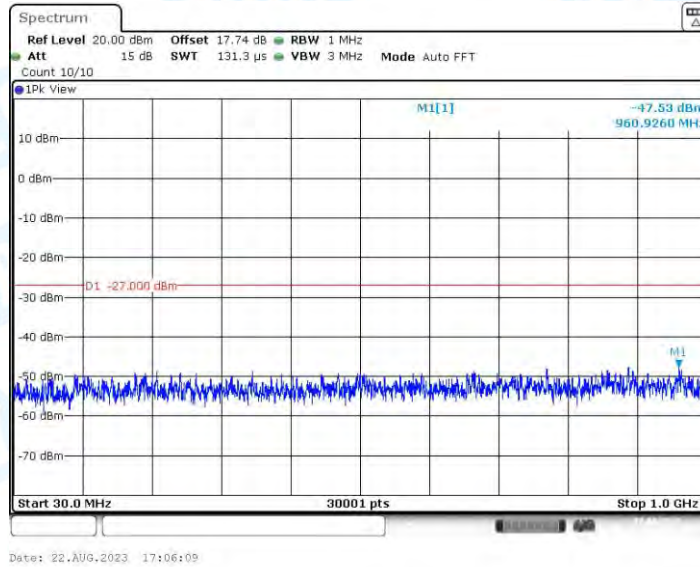
11AC20MIMO_Ant2_5785_30~1000



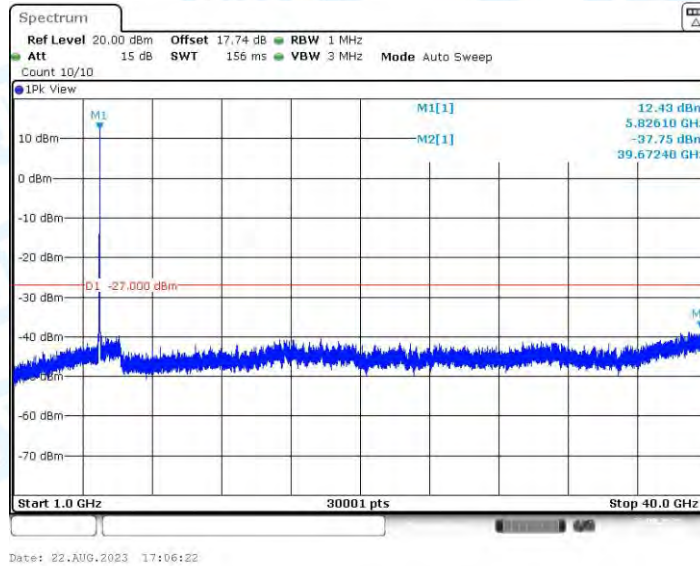
11AC20MIMO_Ant2_5785_1000~40000



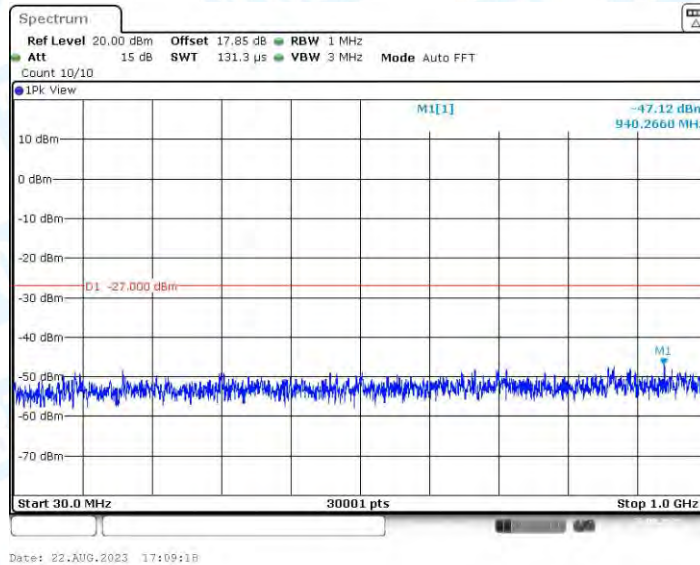
11AC20MIMO_Ant1_5825_30~1000



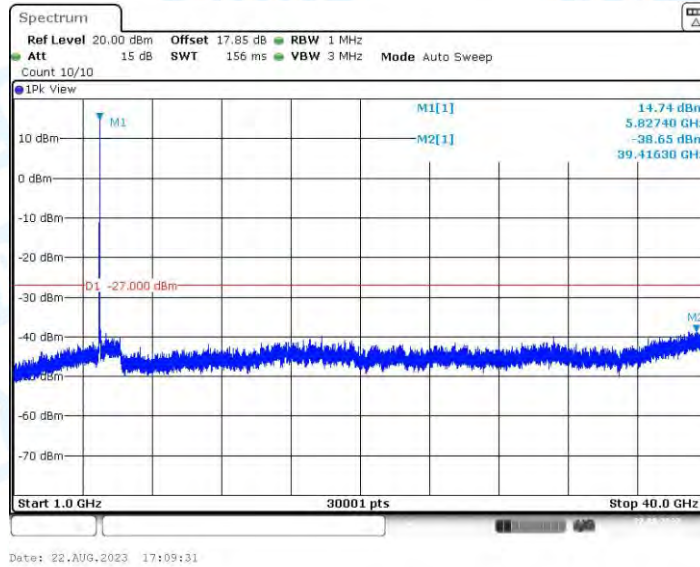
11AC20MIMO_Ant1_5825_1000~40000



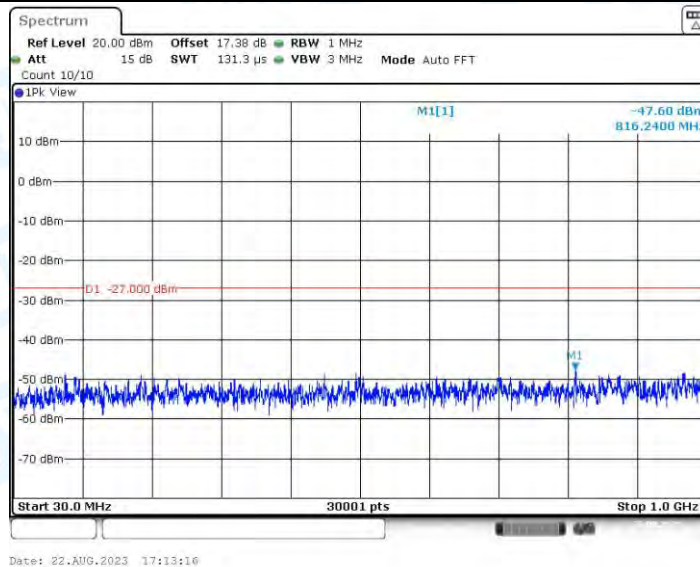
11AC20MIMO_Ant2_5825_30~1000



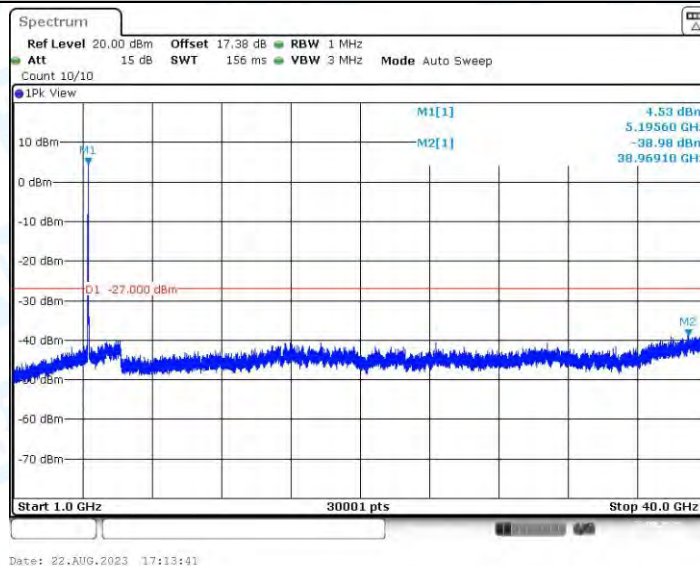
11AC20MIMO_Ant2_5825_1000~40000



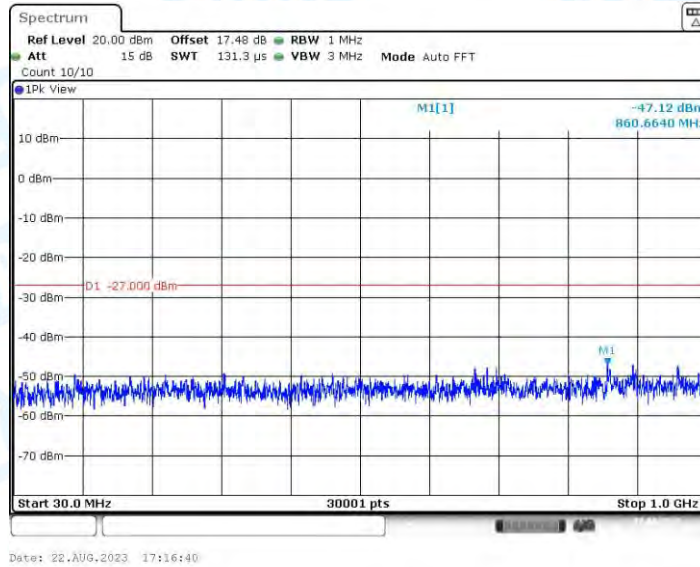
11AC40MIMO_Ant1_5190_30~1000



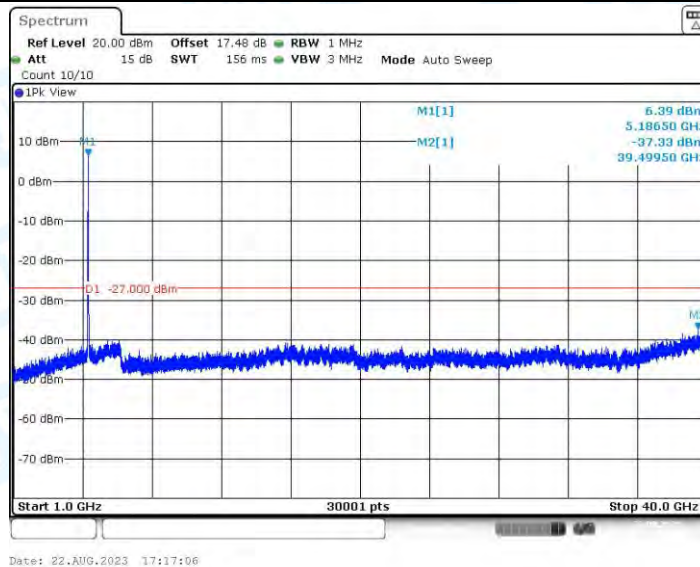
11AC40MIMO_Ant1_5190_1000~40000



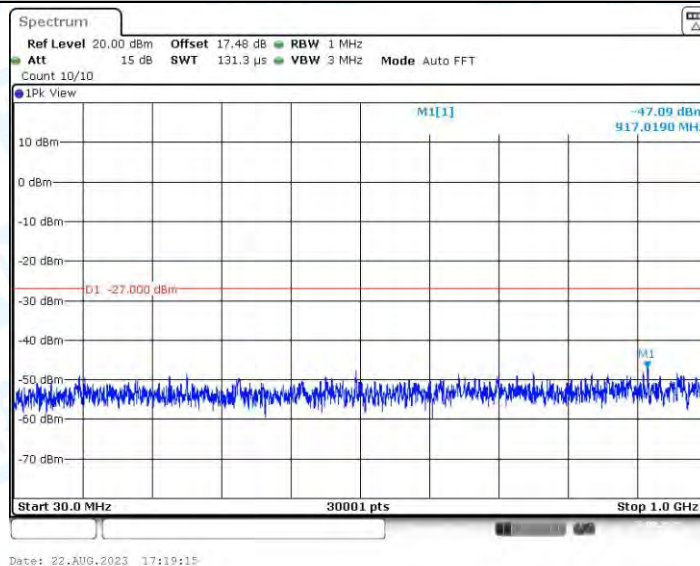
11AC40MIMO_Ant2_5190_30~1000



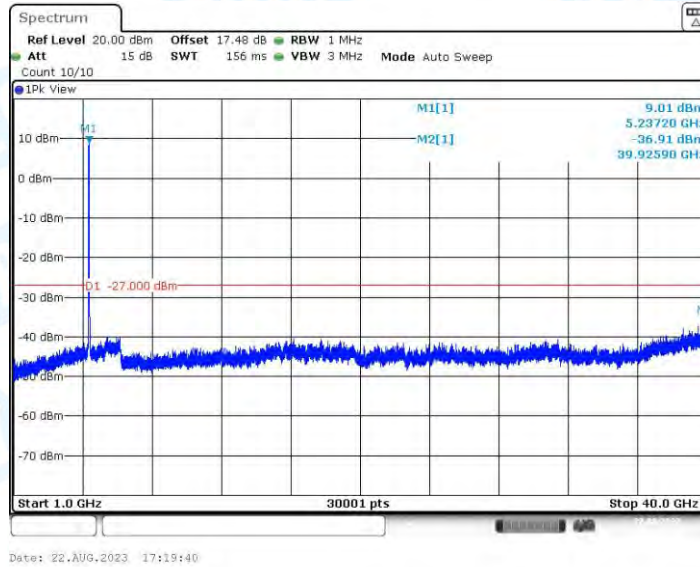
11AC40MIMO_Ant2_5190_1000~40000



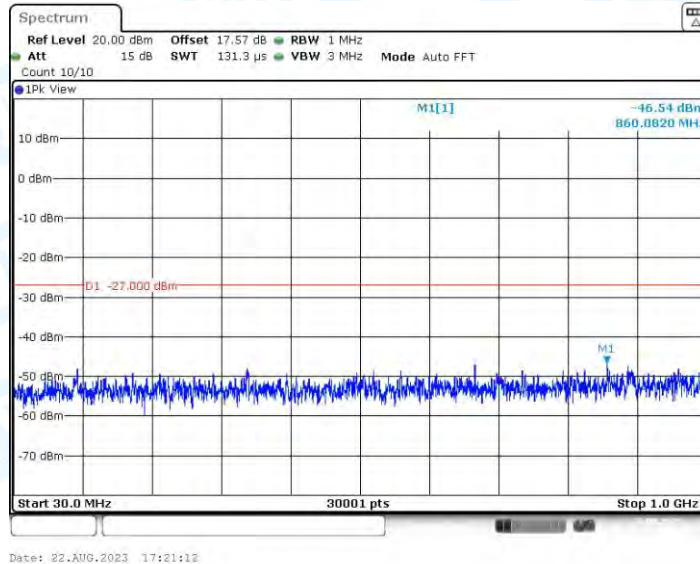
11AC40MIMO_Ant1_5230_30~1000



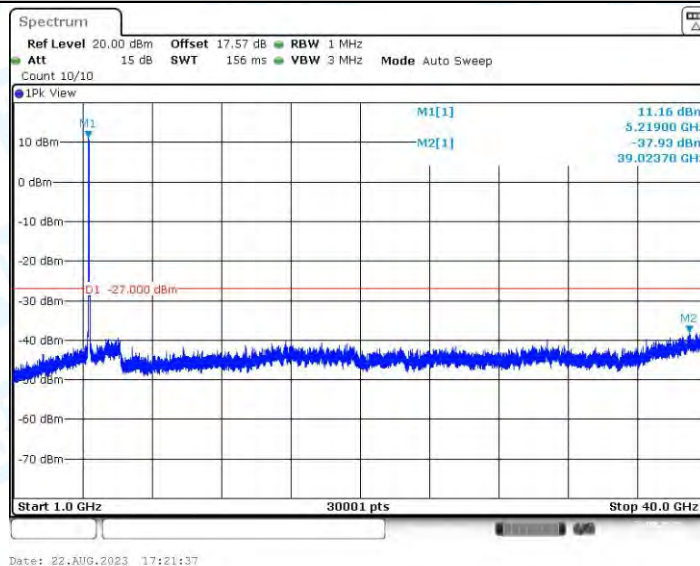
11AC40MIMO_Ant1_5230_1000~40000



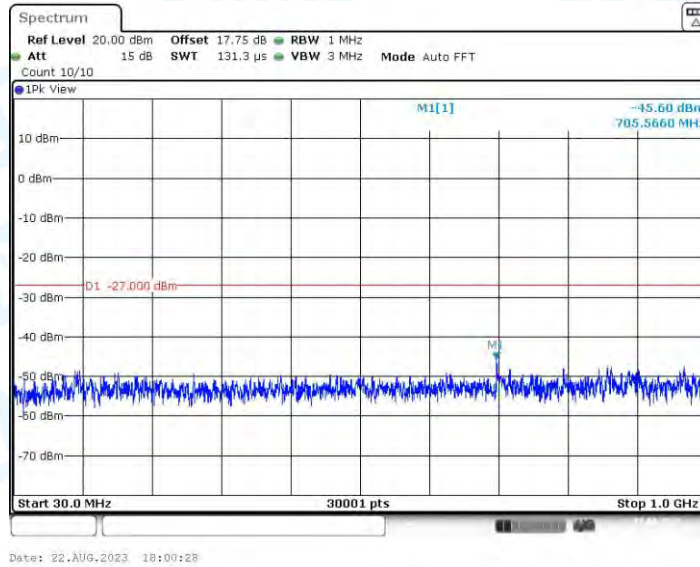
11AC40MIMO_Ant2_5230_30~1000



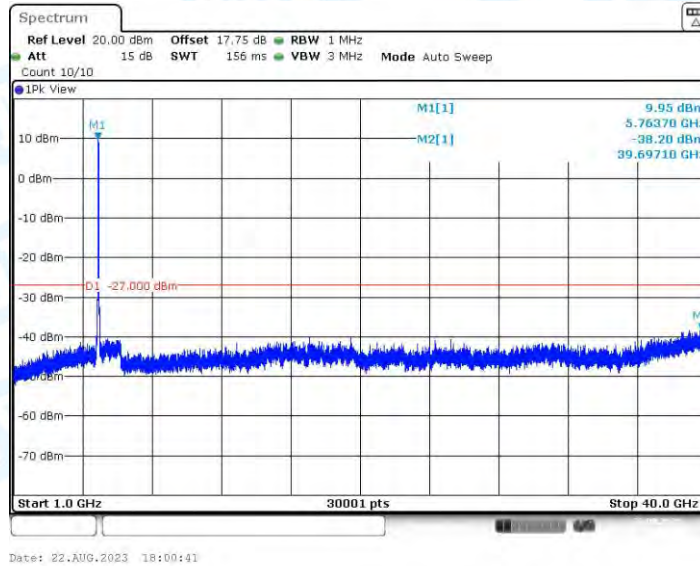
11AC40MIMO_Ant2_5230_1000~40000



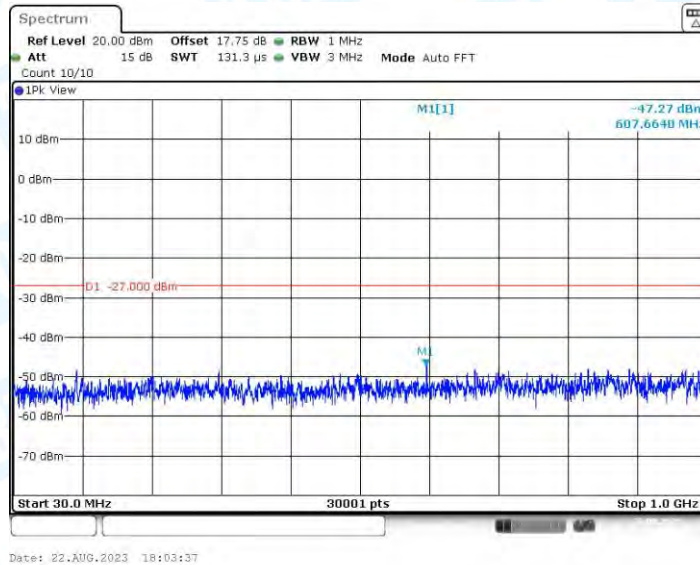
11AC40MIMO_Ant1_5755_30~1000



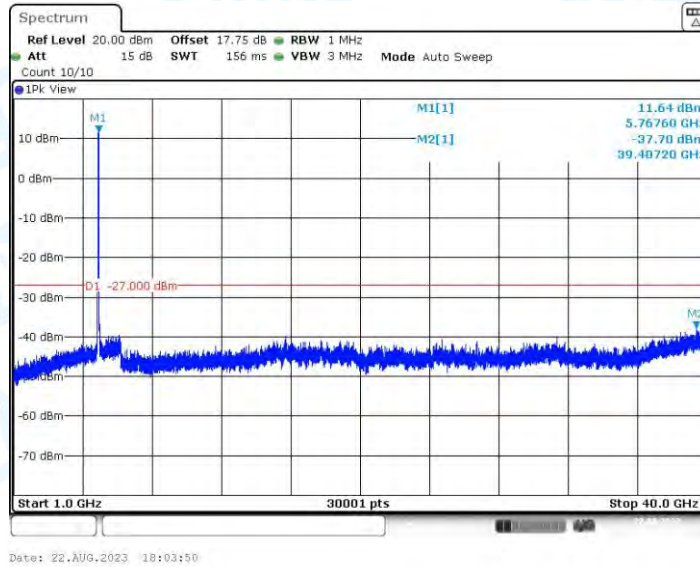
11AC40MIMO_Ant1_5755_1000~40000



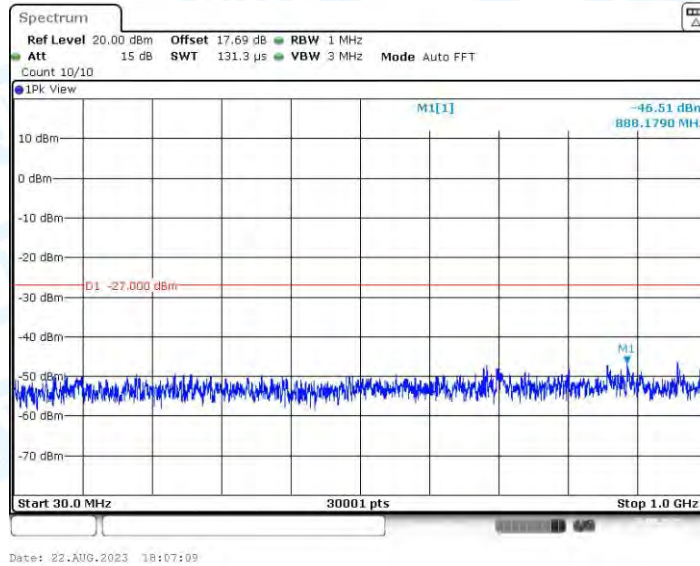
11AC40MIMO_Ant2_5755_30~1000



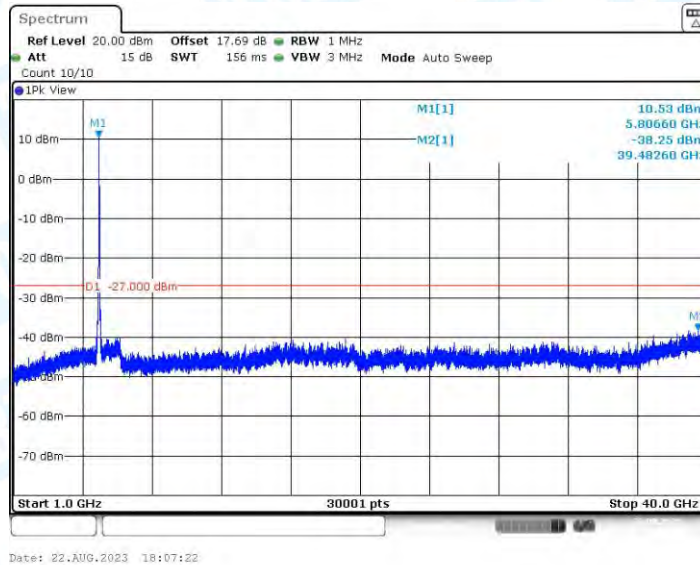
11AC40MIMO_Ant2_5755_1000~40000



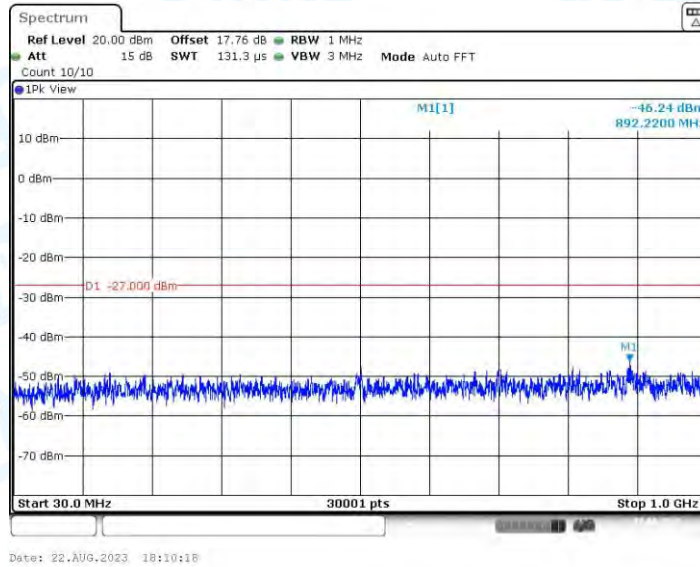
11AC40MIMO_Ant1_5795_30~1000



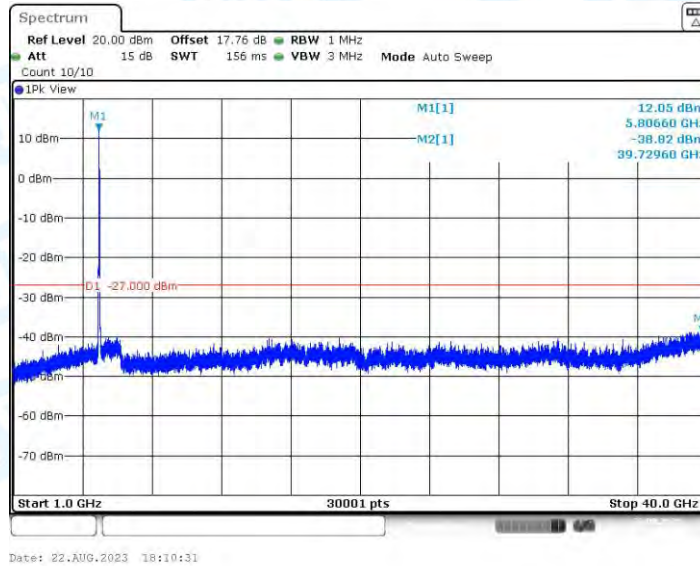
11AC40MIMO_Ant1_5795_1000~40000



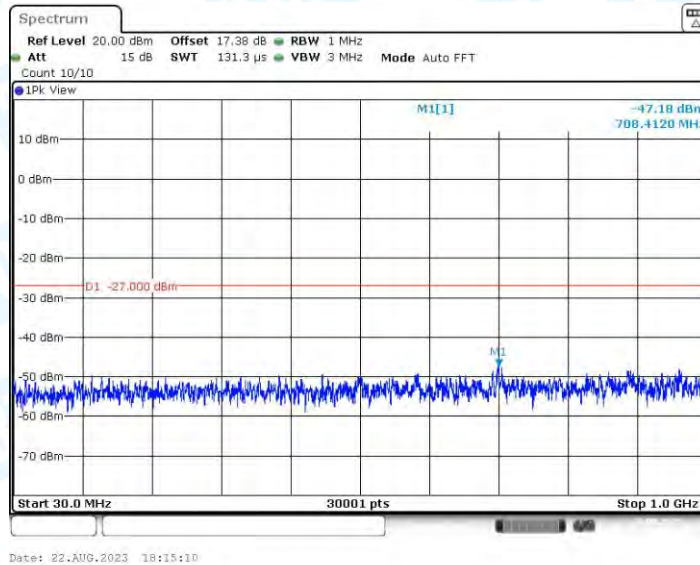
11AC40MIMO_Ant2_5795_30~1000



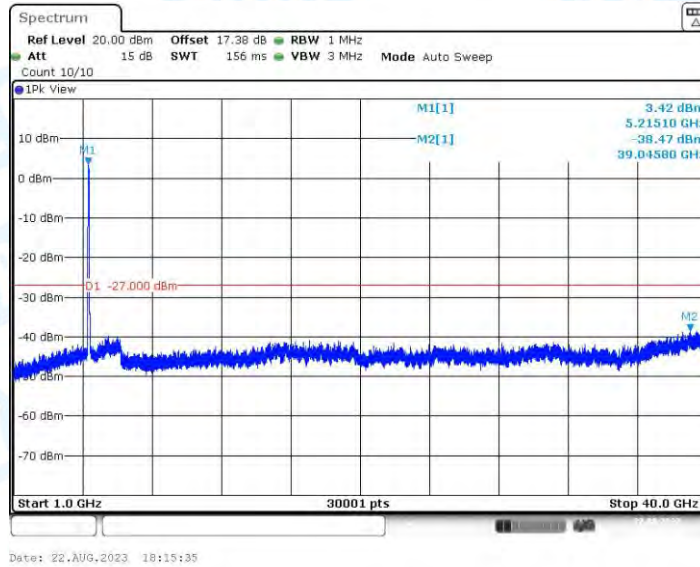
11AC40MIMO_Ant2_5795_1000~40000



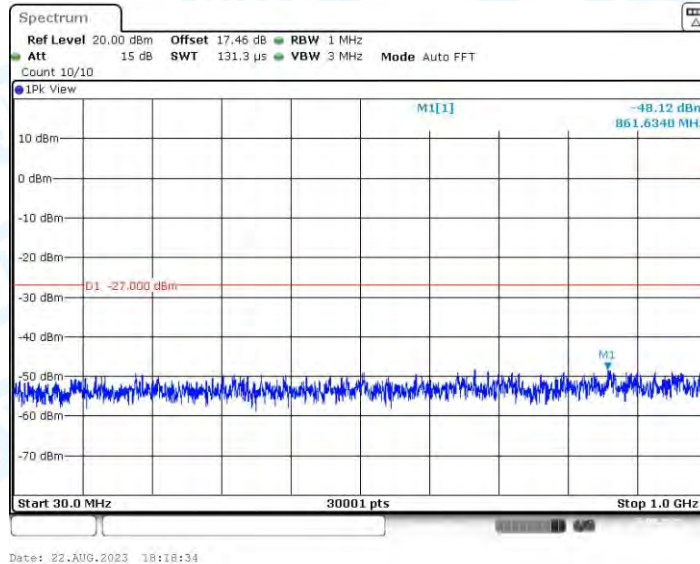
11AC80MIMO_Ant1_5210_30~1000



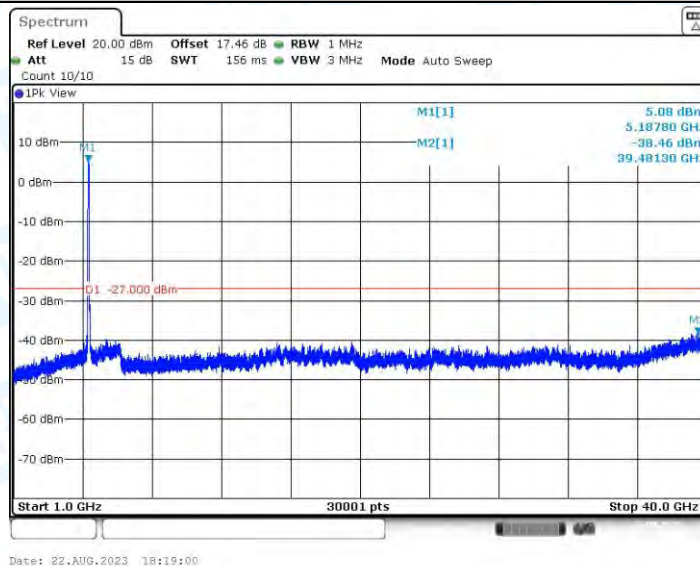
11AC80MIMO_Ant1_5210_1000~40000



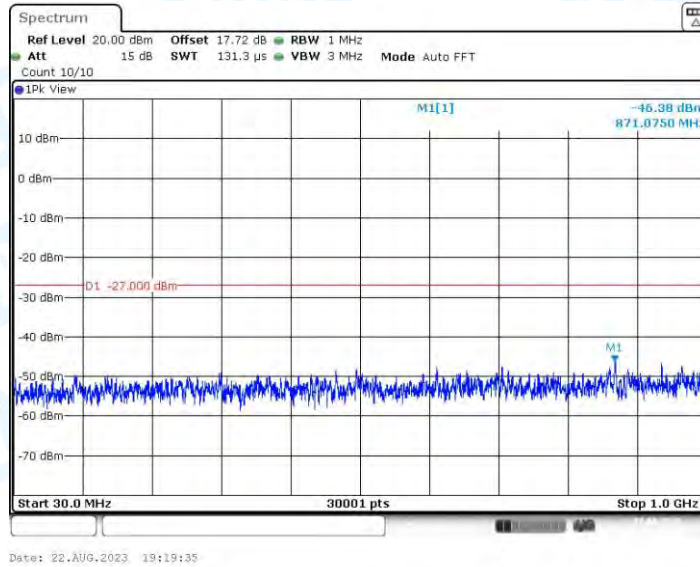
11AC80MIMO_Ant2_5210_30~1000



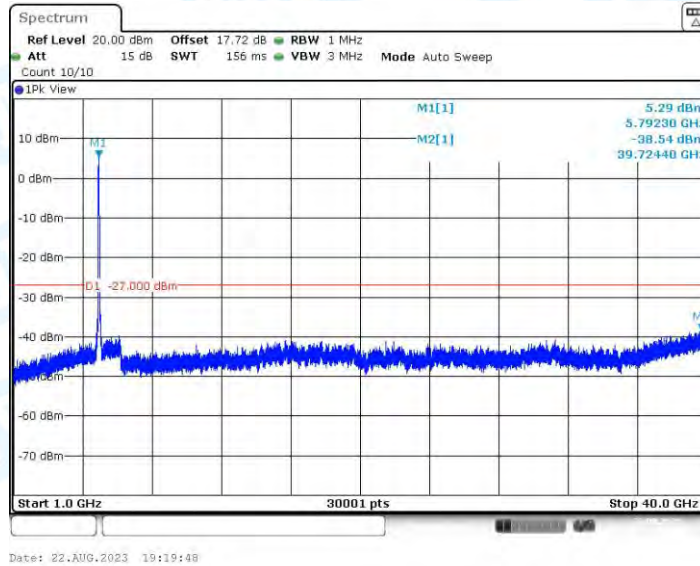
11AC80MIMO_Ant2_5210_1000~40000



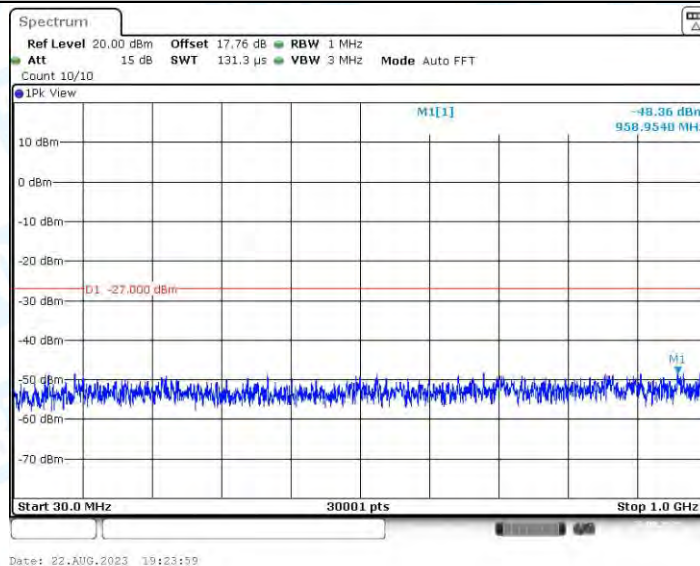
11AC80MIMO_Ant1_5775_30~1000



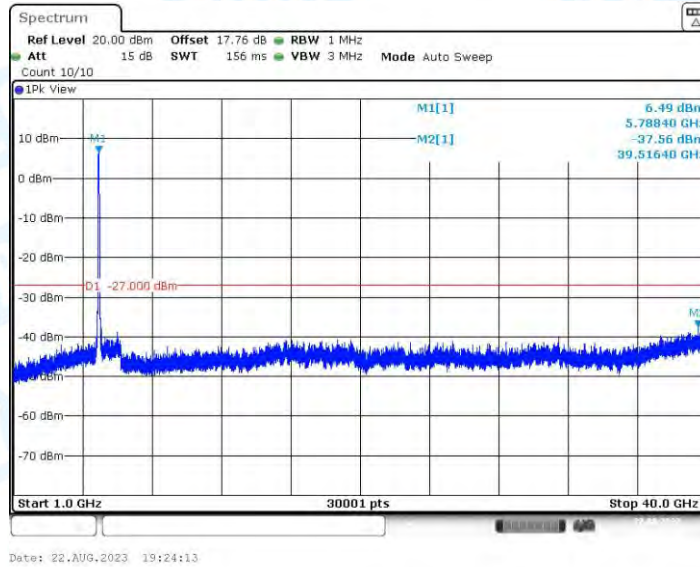
11AC80MIMO_Ant1_5775_1000~40000



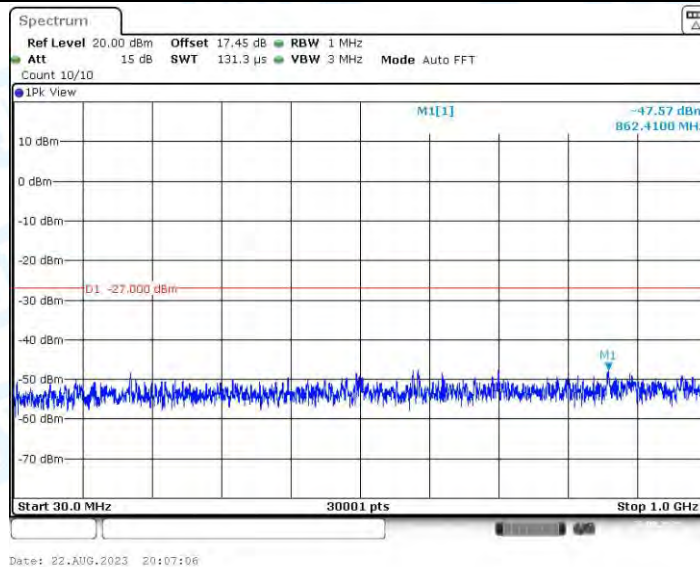
11AC80MIMO_Ant2_5775_30~1000



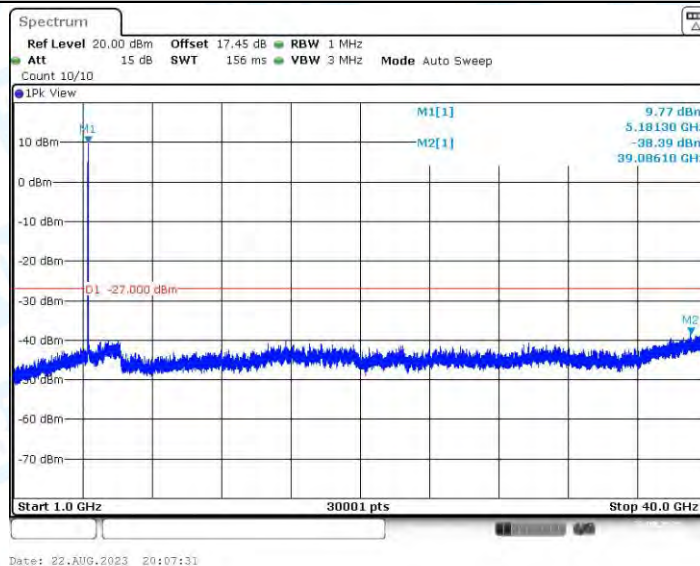
11AC80MIMO_Ant2_5775_1000~40000



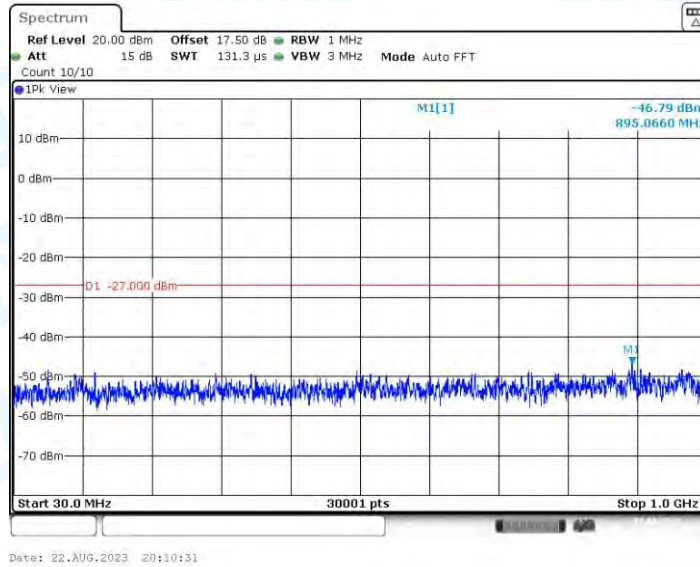
11AX20MIMO_Ant1_5180_30~1000



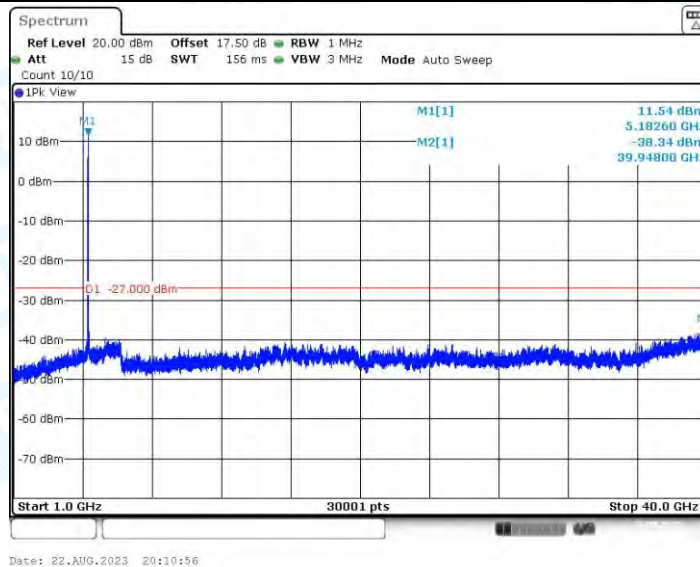
11AX20MIMO_Ant1_5180_1000~40000



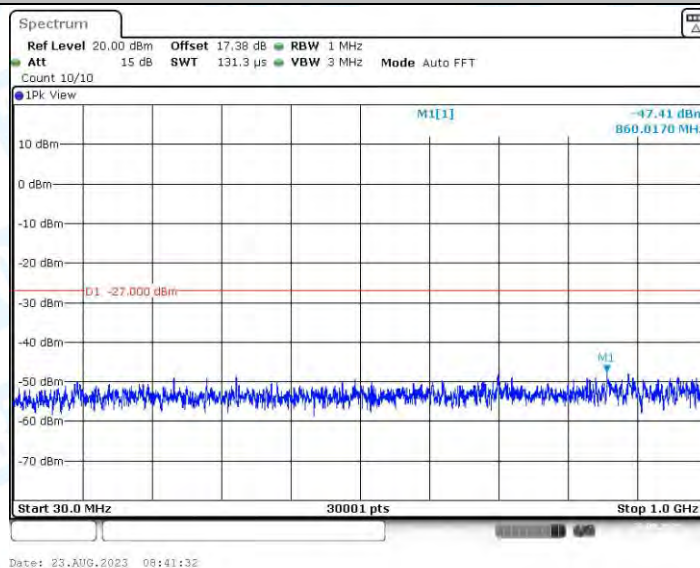
11AX20MIMO_Ant2_5180_30~1000



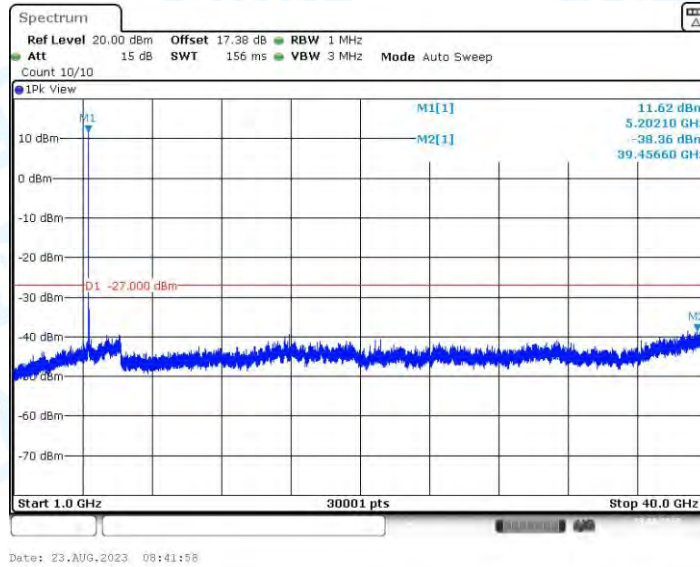
11AX20MIMO_Ant2_5180_1000~40000



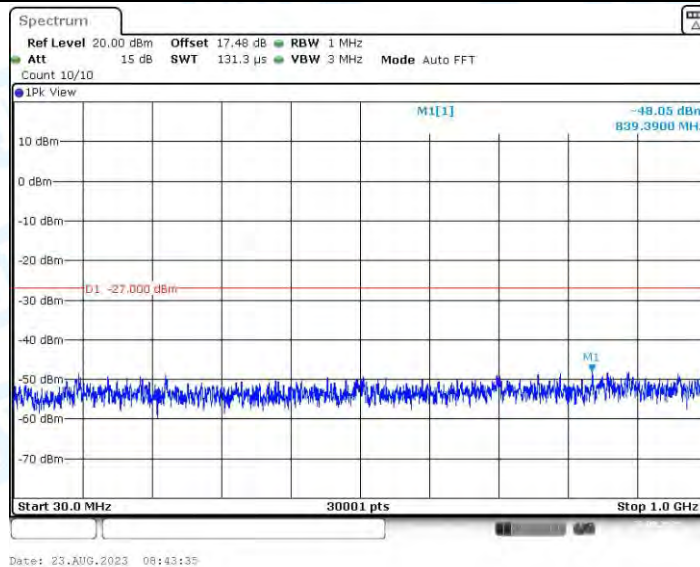
11AX20MIMO_Ant1_5200_30~1000



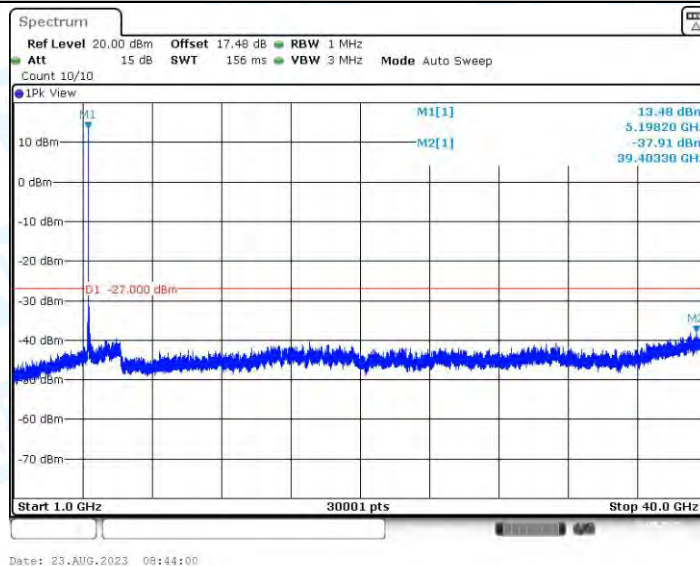
11AX20MIMO_Ant1_5200_1000~40000



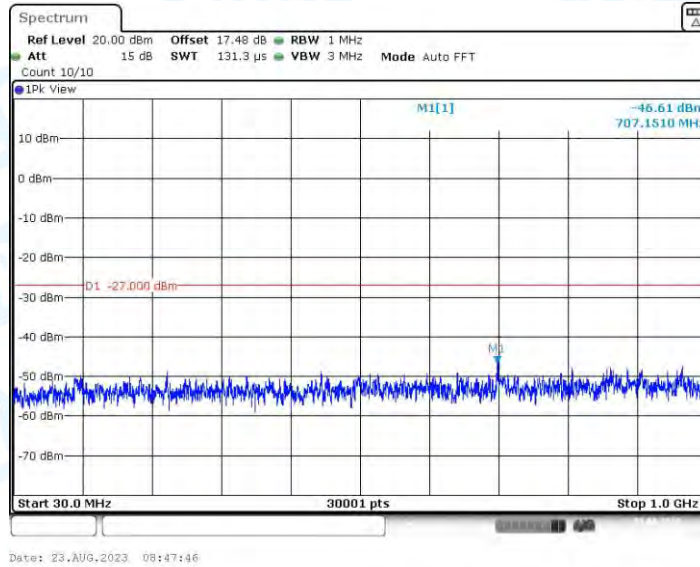
11AX20MIMO_Ant2_5200_30~1000



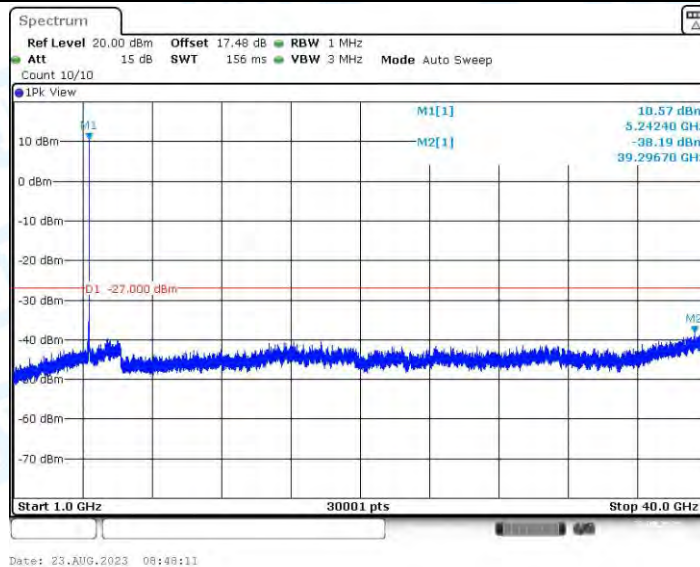
11AX20MIMO_Ant2_5200_1000~40000



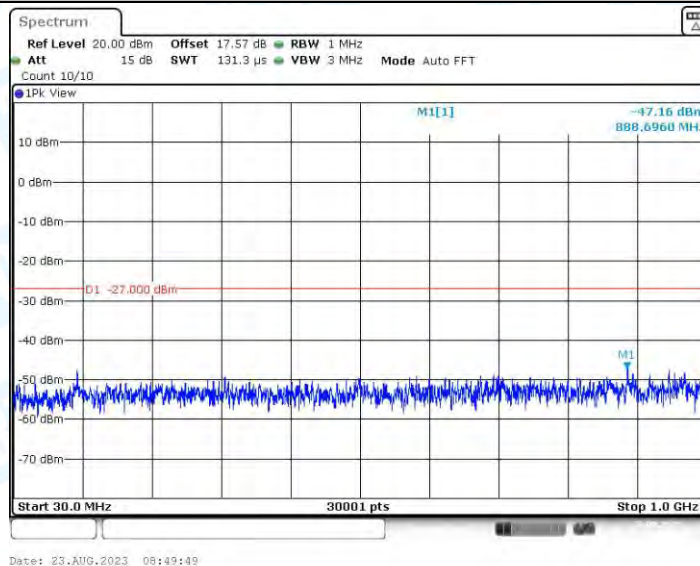
11AX20MIMO_Ant1_5240_30~1000



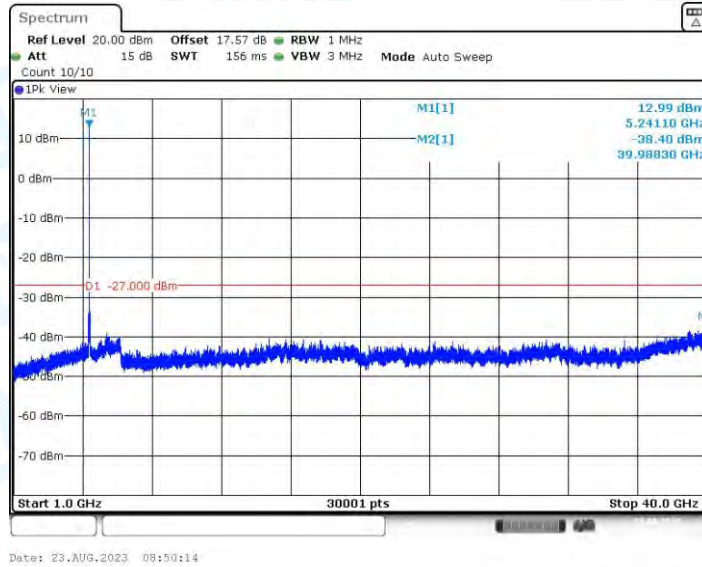
11AX20MIMO_Ant1_5240_1000~40000



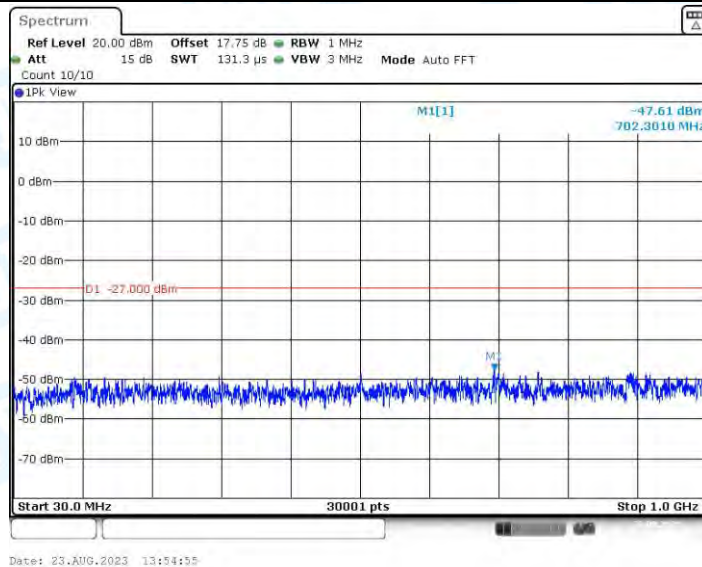
11AX20MIMO_Ant2_5240_30~1000



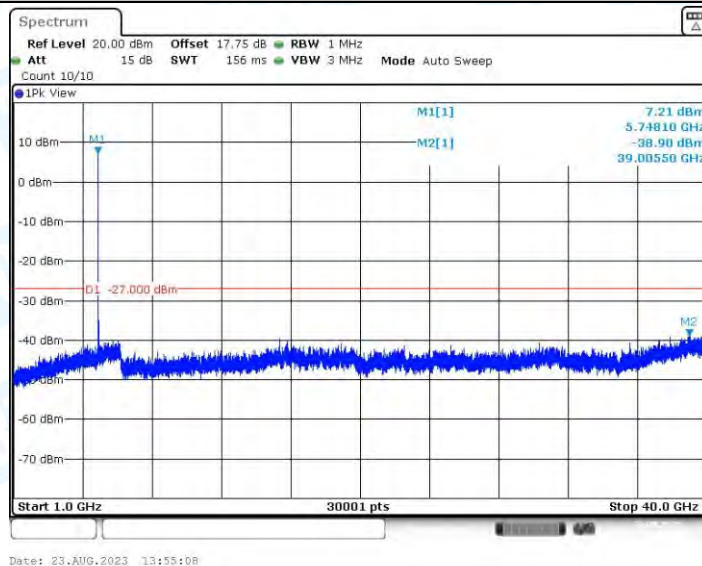
11AX20MIMO_Ant2_5240_1000~40000



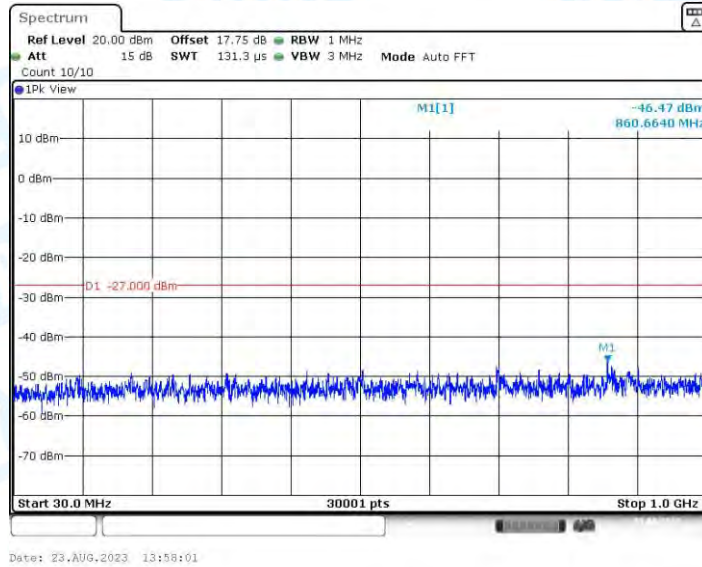
11AX20MIMO_Ant1_5745_30~1000



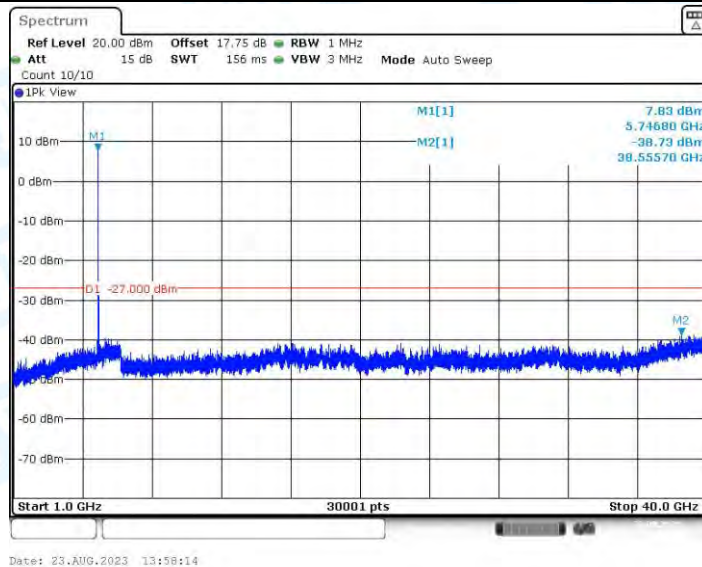
11AX20MIMO_Ant1_5745_1000~40000



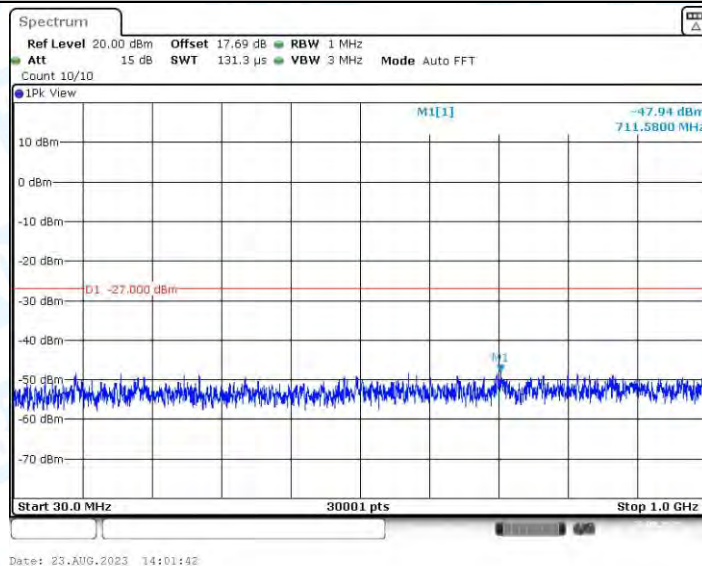
11AX20MIMO_Ant2_5745_30~1000



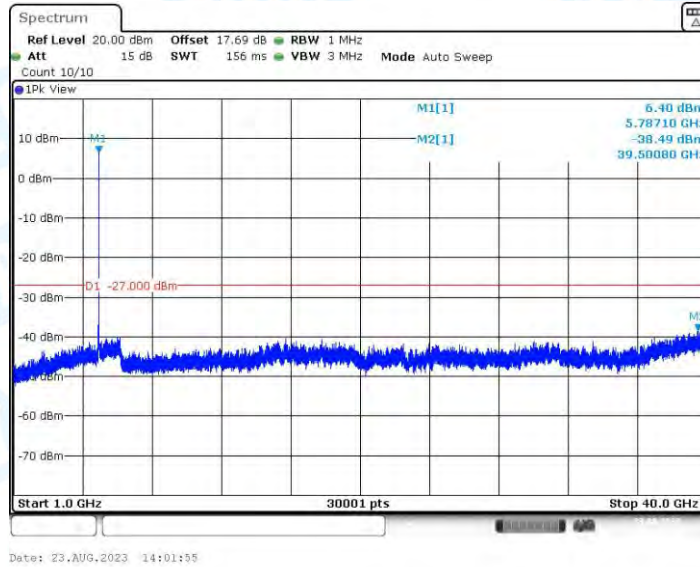
11AX20MIMO_Ant2_5745_1000~40000



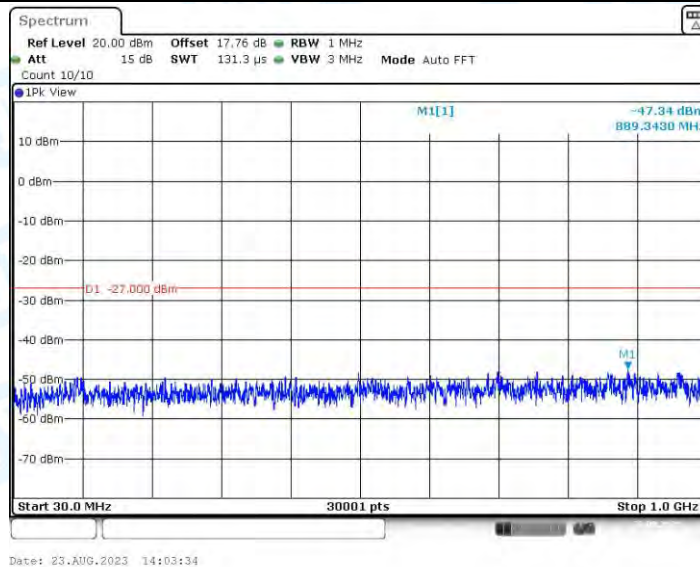
11AX20MIMO_Ant1_5785_30~1000



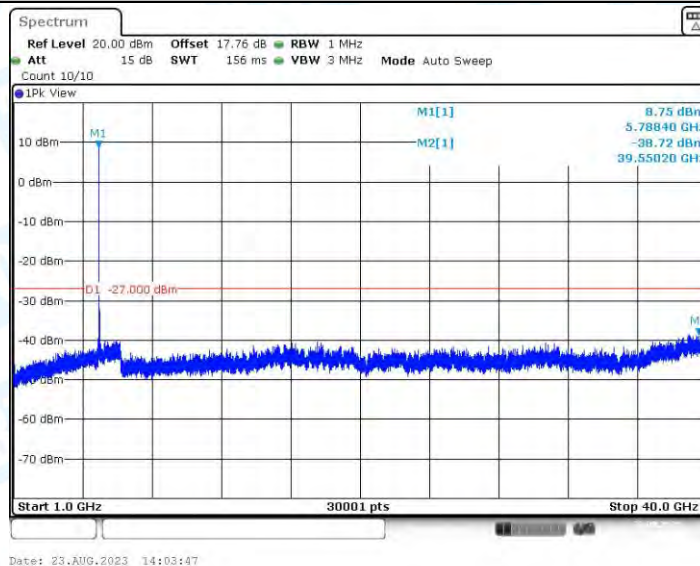
11AX20MIMO_Ant1_5785_1000~40000



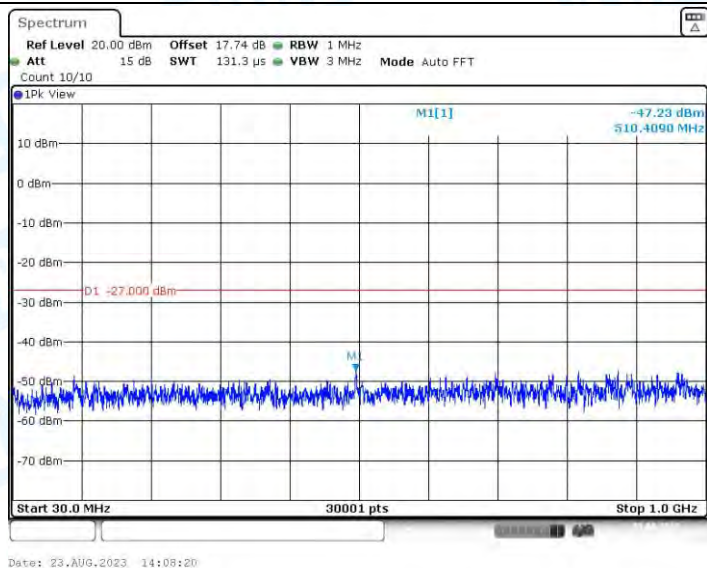
11AX20MIMO_Ant2_5785_30~1000



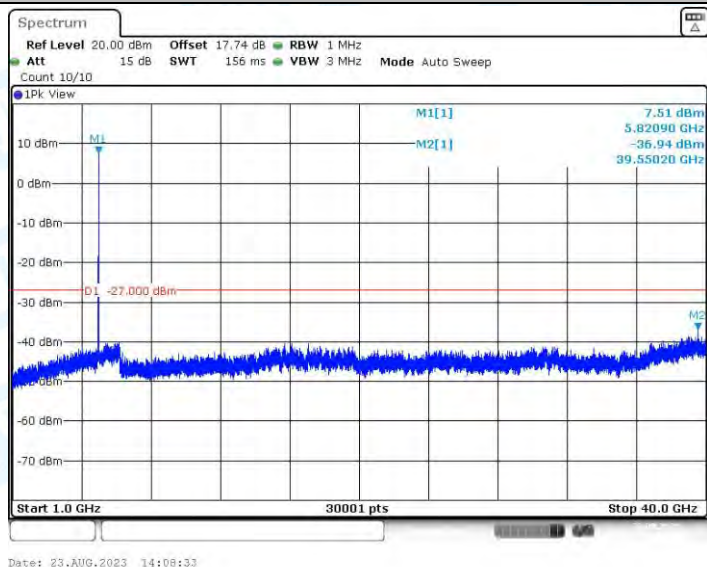
11AX20MIMO_Ant2_5785_1000~40000



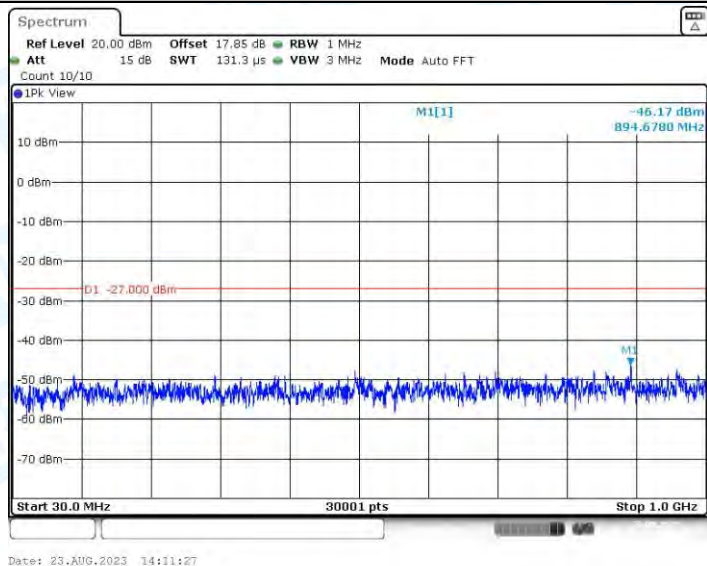
11AX20MIMO_Ant1_5825_30~1000



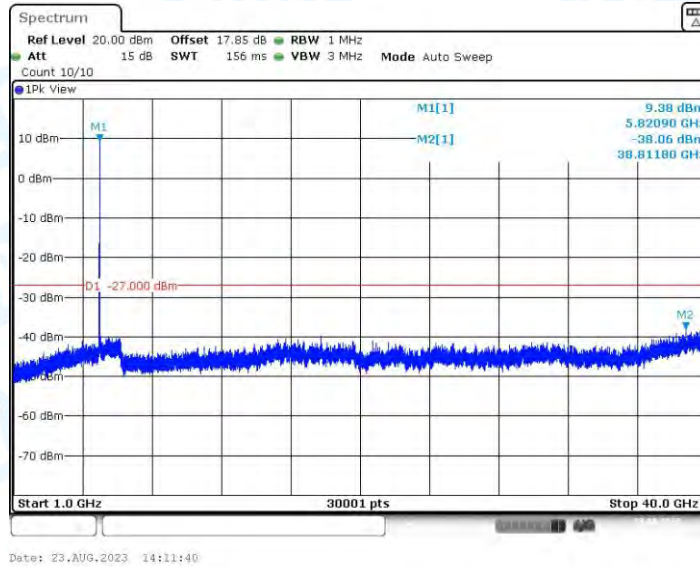
11AX20MIMO_Ant1_5825_1000~40000



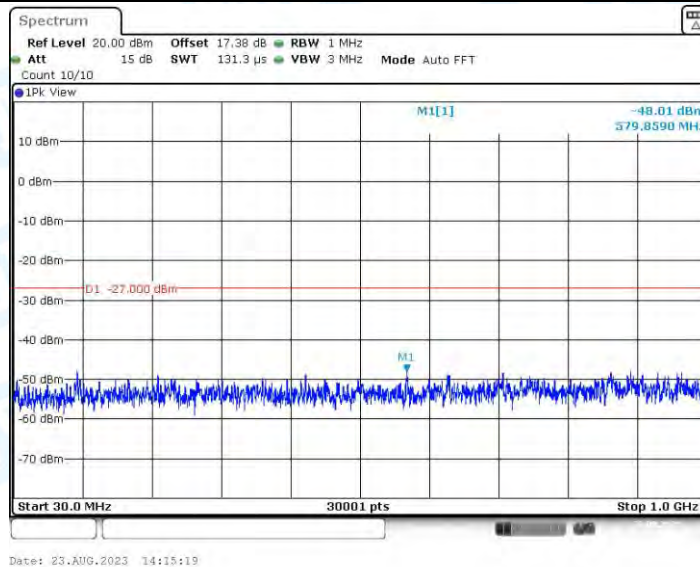
11AX20MIMO_Ant2_5825_30~1000



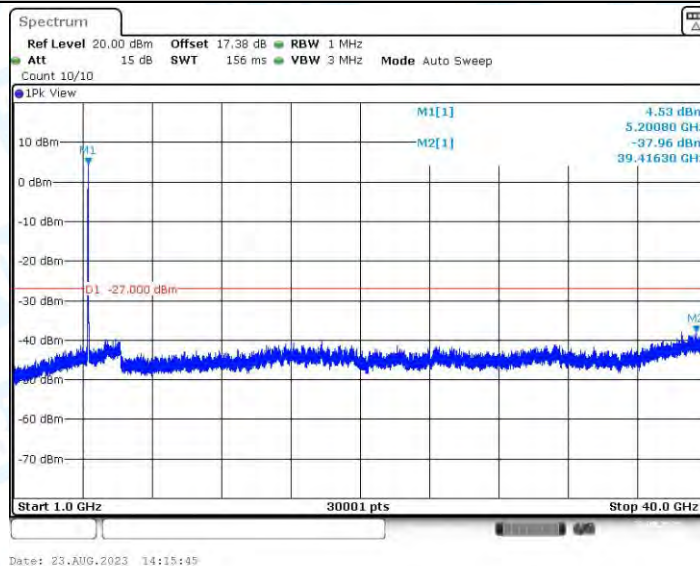
11AX20MIMO_Ant2_5825_1000~40000



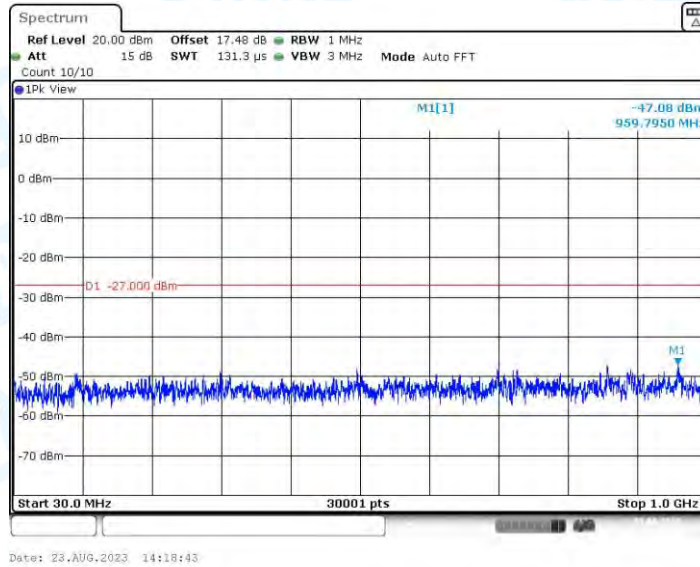
11AX40MIMO_Ant1_5190_30~1000



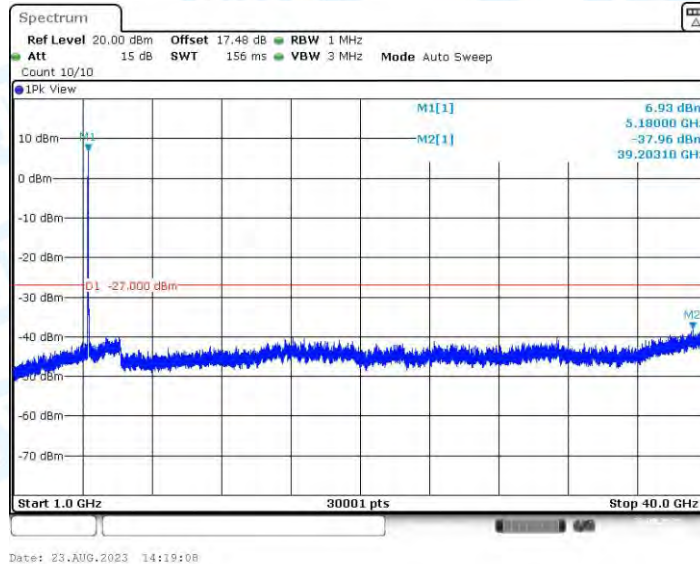
11AX40MIMO_Ant1_5190_1000~40000



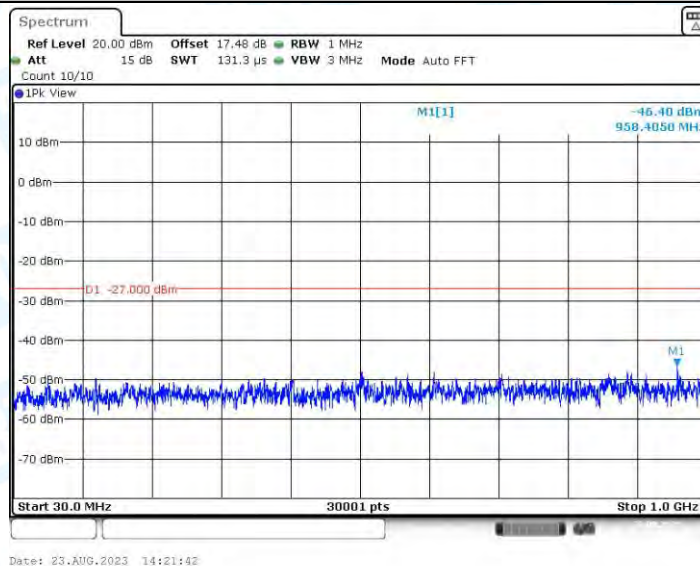
11AX40MIMO_Ant2_5190_30~1000



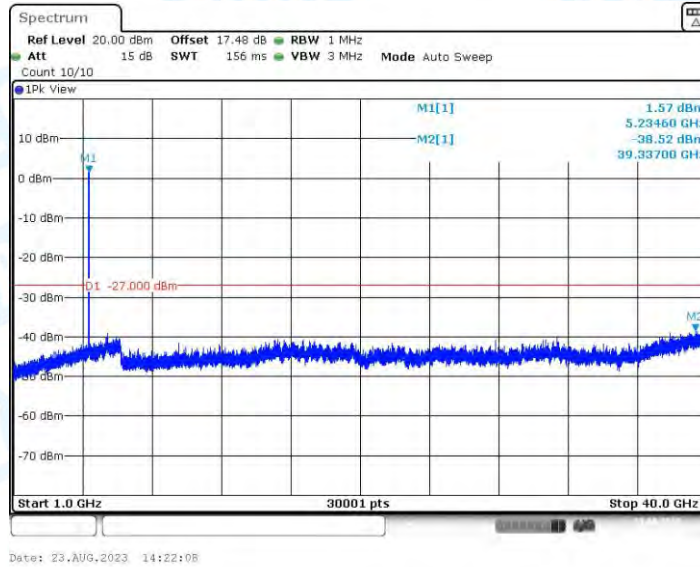
11AX40MIMO_Ant2_5190_1000~40000



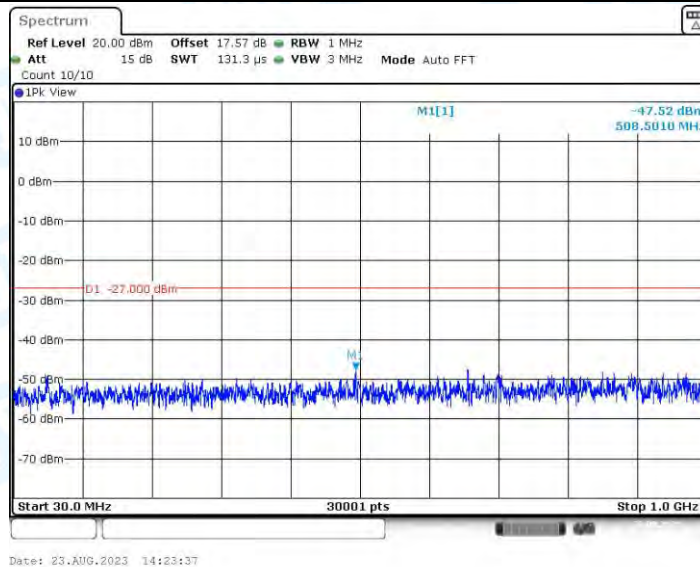
11AX40MIMO_Ant1_5230_30~1000



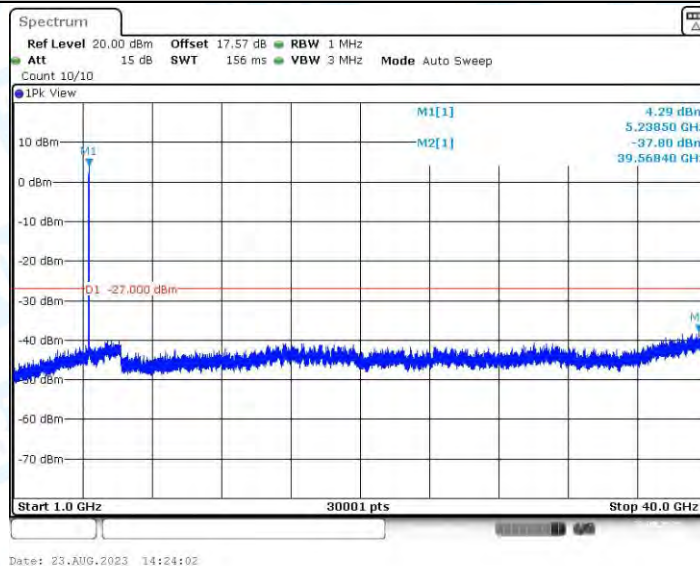
11AX40MIMO_Ant1_5230_1000~40000



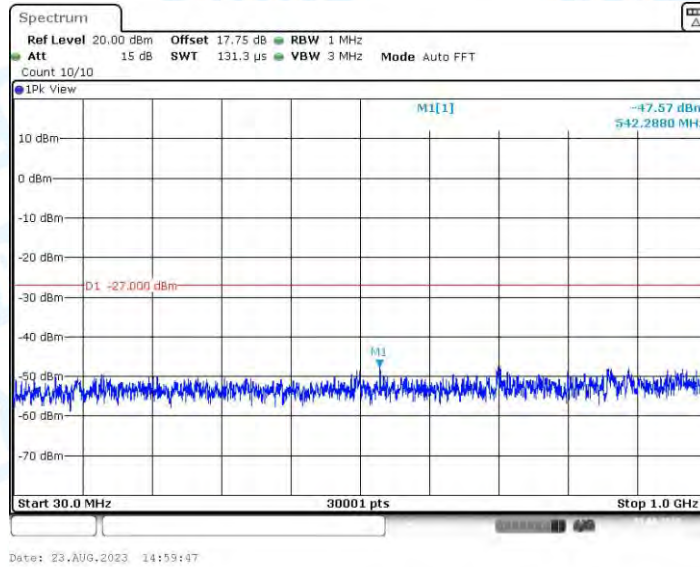
11AX40MIMO_Ant2_5230_30~1000



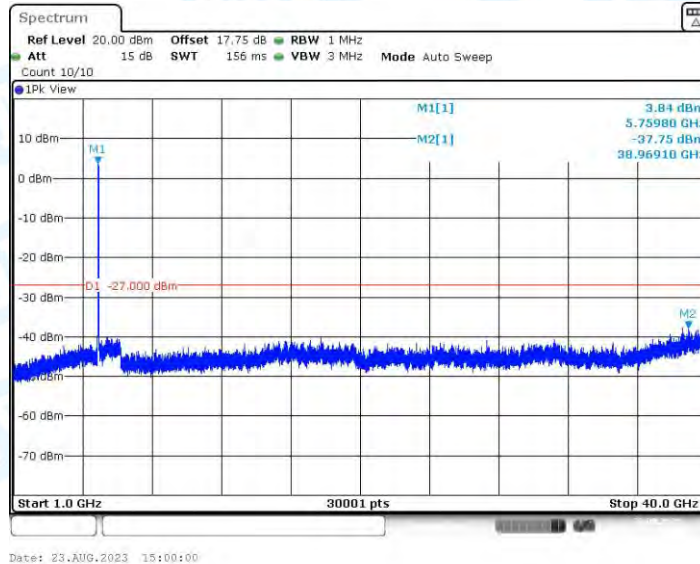
11AX40MIMO_Ant2_5230_1000~40000



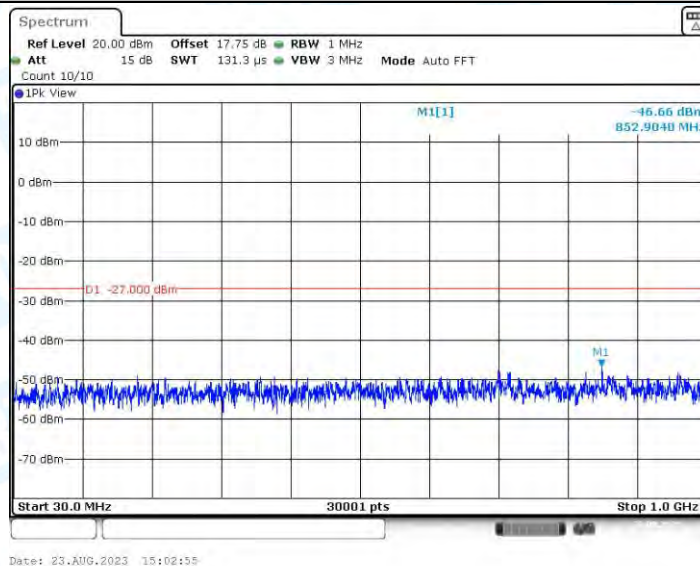
11AX40MIMO_Ant1_5755_30~1000



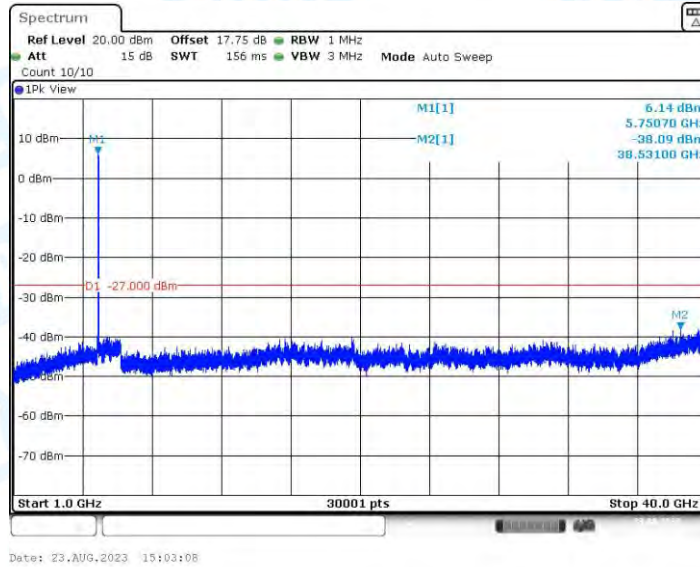
11AX40MIMO_Ant1_5755_1000~40000



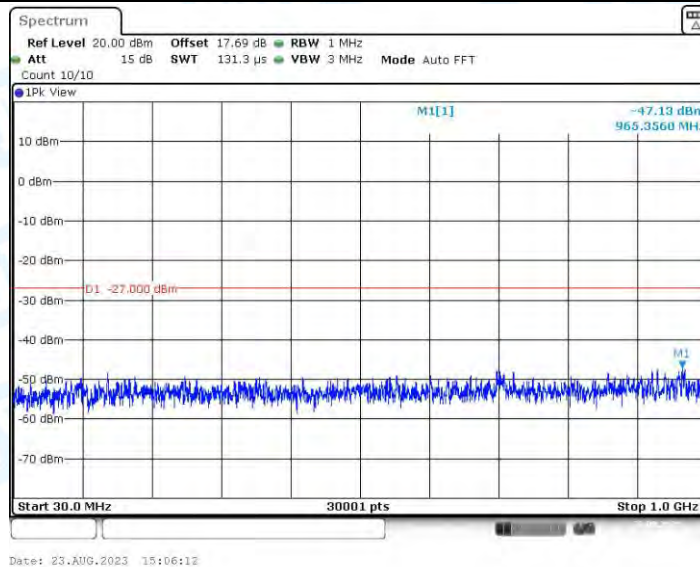
11AX40MIMO_Ant2_5755_30~1000



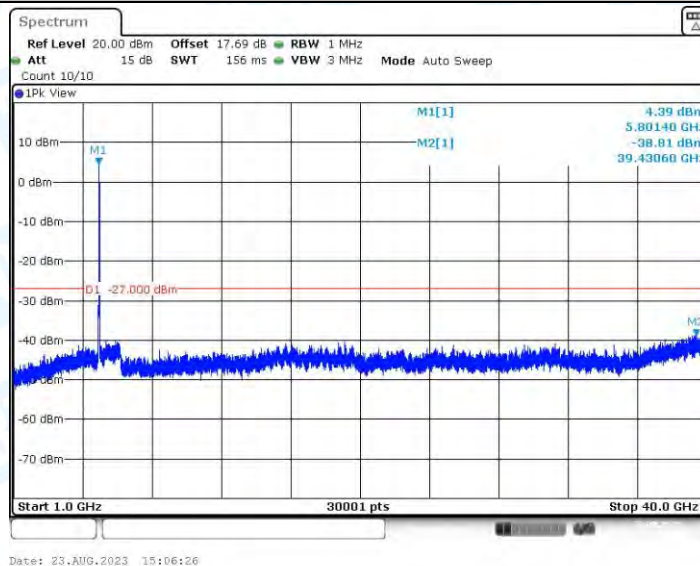
11AX40MIMO_Ant2_5755_1000~40000



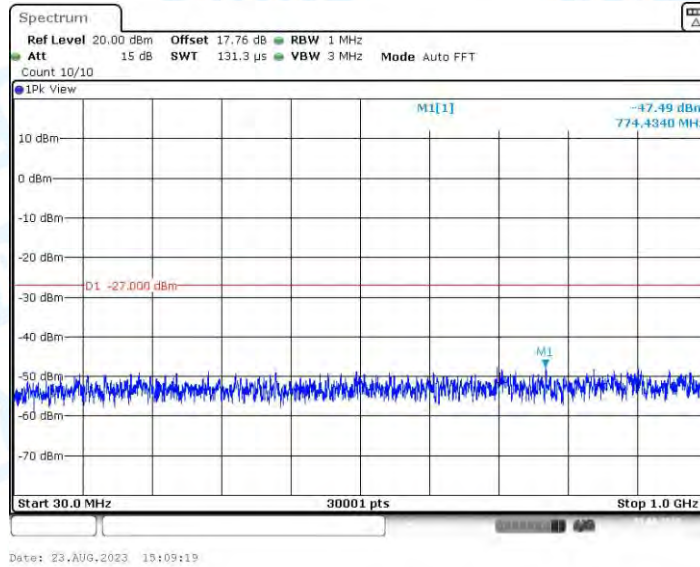
11AX40MIMO_Ant1_5795_30~1000



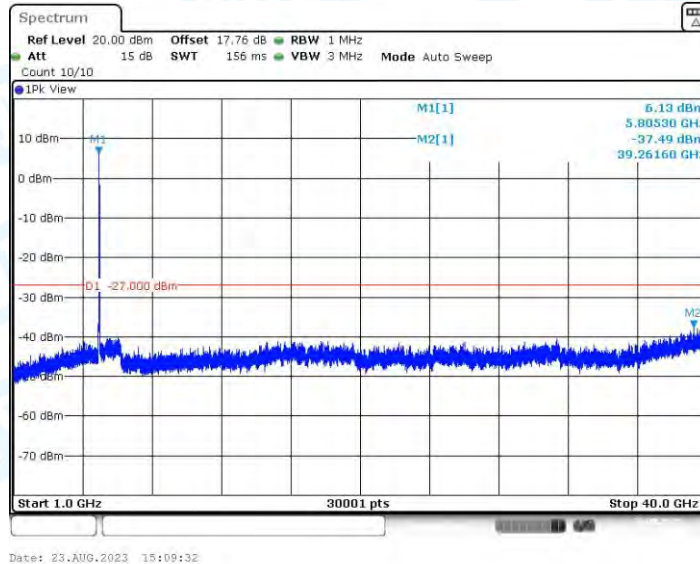
11AX40MIMO_Ant1_5795_1000~40000



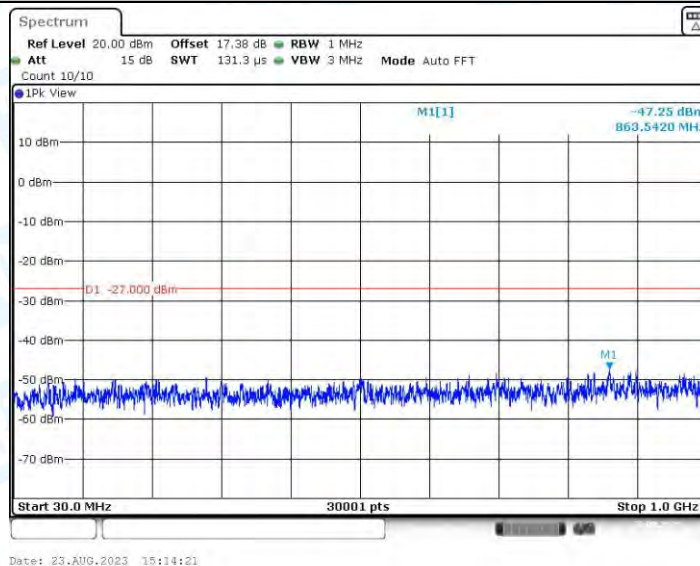
11AX40MIMO_Ant2_5795_30~1000



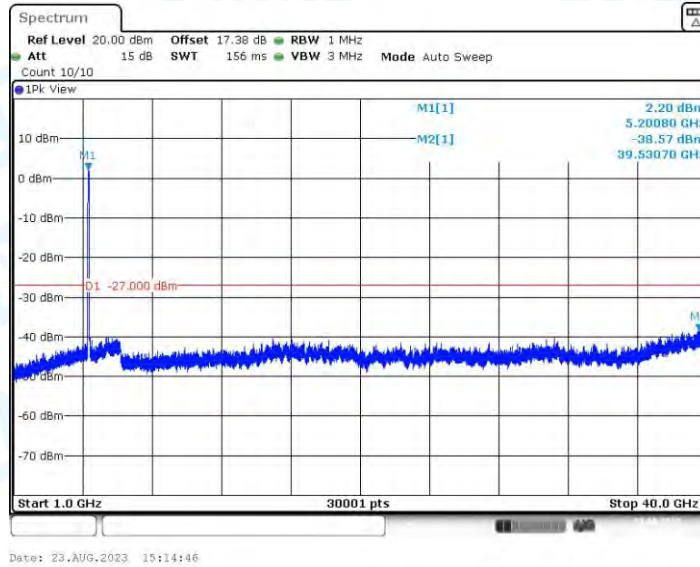
11AX40MIMO_Ant2_5795_1000~40000



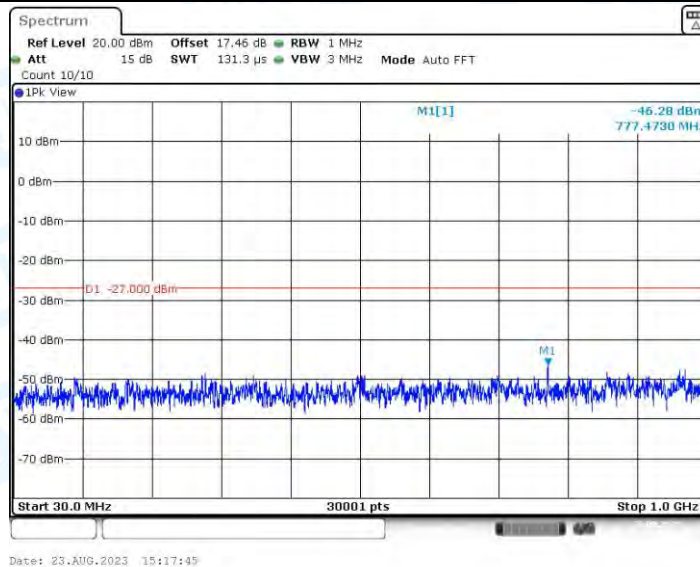
11AX80MIMO_Ant1_5210_30~1000



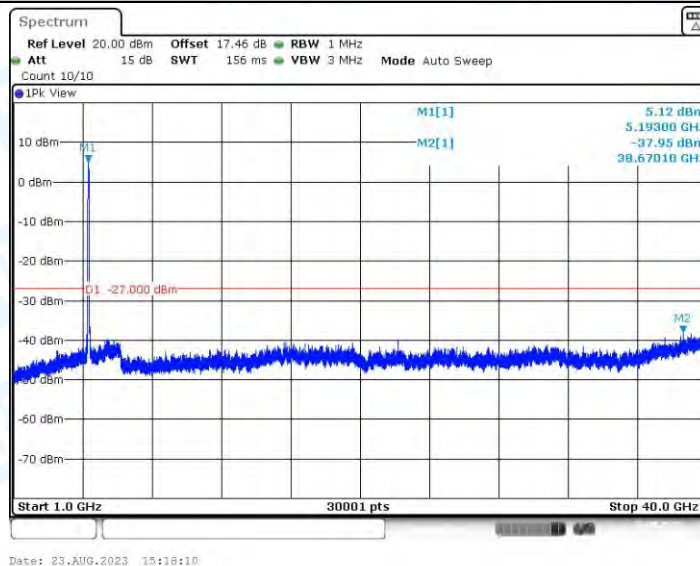
11AX80MIMO_Ant1_5210_1000~40000



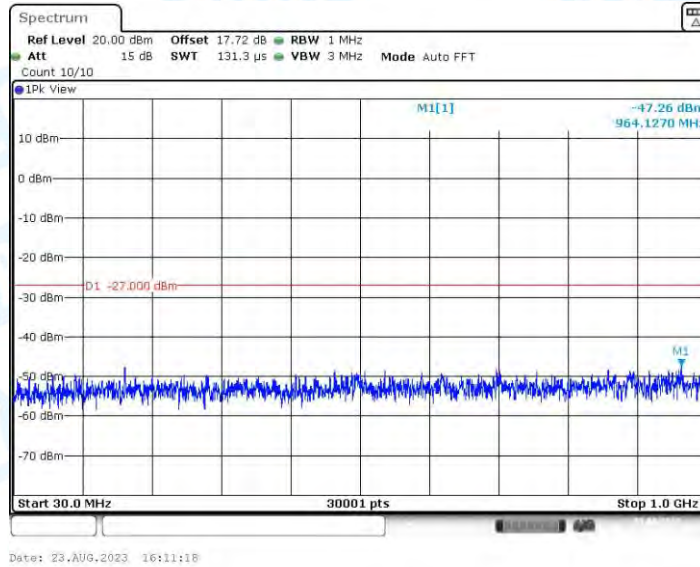
11AX80MIMO_Ant2_5210_30~1000



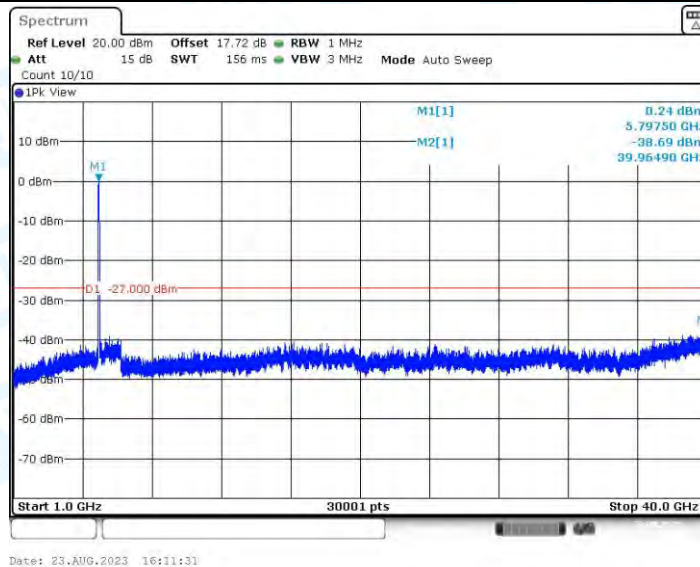
11AX80MIMO_Ant2_5210_1000~40000



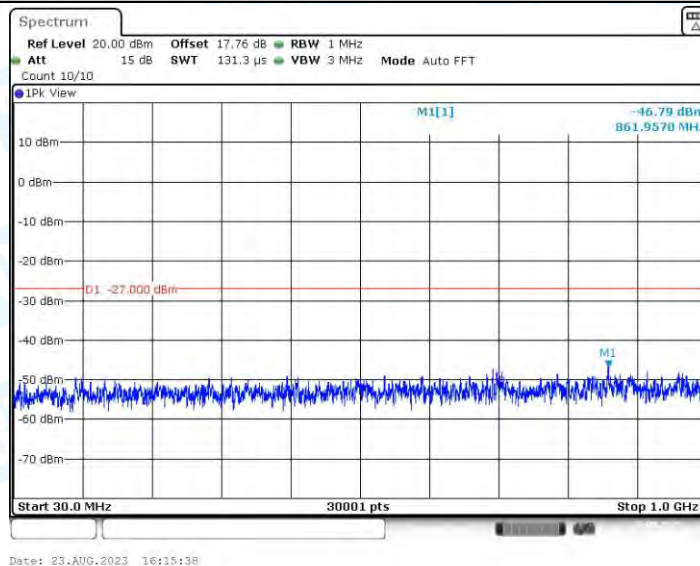
11AX80MIMO_Ant1_5775_30~1000



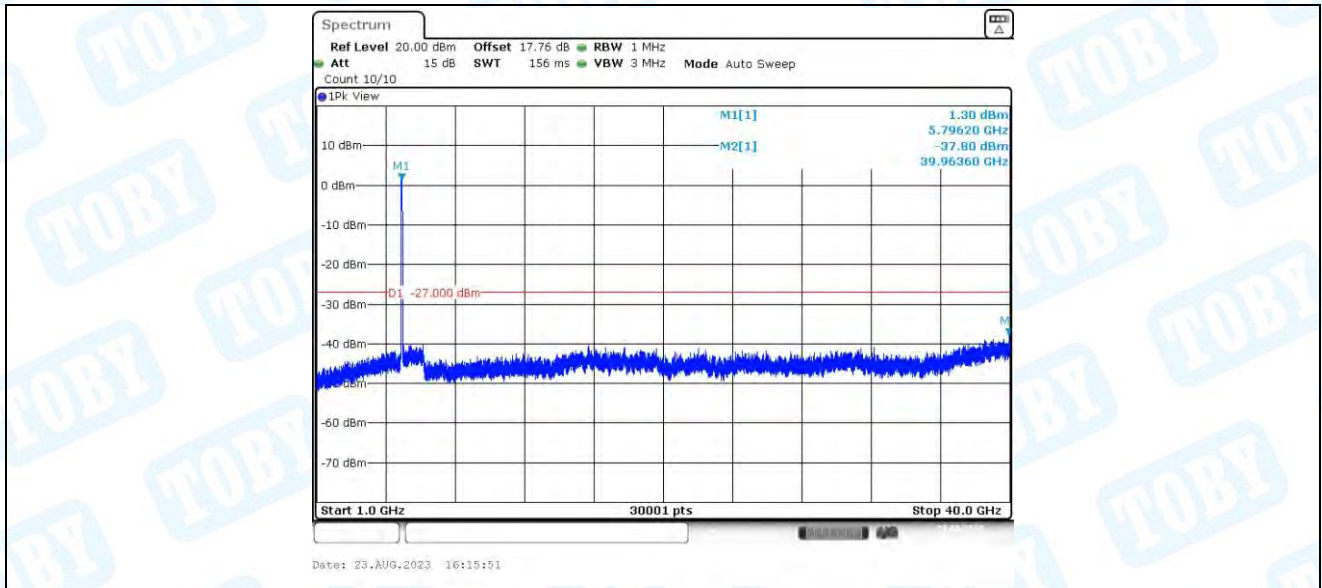
11AX80MIMO_Ant1_5775_1000~40000



11AX80MIMO_Ant2_5775_30~1000



11AX80MIMO_Ant2_5775_1000~40000



9. Frequency Stability

9.1. Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A-CDD	Ant1	5180	NV	NT	40000.00	7.722008	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	40000.00	7.722008	20	PASS
	Ant2	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
	Ant1	5745	NV	NT	80000.00	13.925152	20	PASS
			LV	NT	80000.00	13.925152	20	PASS
			HV	NT	60000.00	10.443864	20	PASS
	Ant2	5745	NV	NT	60000.00	10.443864	20	PASS
			LV	NT	60000.00	10.443864	20	PASS
			HV	NT	60000.00	10.443864	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A-CDD	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
			NV	-20	40000.00	7.722008	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	20000.00	3.861004	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	20000.00	3.861004	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
	Ant2	5180	NV	-30	40000.00	7.722008	20	PASS
			NV	-20	20000.00	3.861004	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	20000.00	3.861004	20	PASS
			NV	10	20000.00	3.861004	20	PASS
			NV	20	40000.00	7.722008	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
	Ant1	5745	NV	-30	60000.00	10.443864	20	PASS
			NV	-20	40000.00	6.962576	20	PASS
			NV	-10	80000.00	13.925152	20	PASS
			NV	0	80000.00	13.925152	20	PASS
			NV	0	80000.00	13.925152	20	PASS

			NV	10	60000.00	10.443864	20	PASS
			NV	20	60000.00	10.443864	20	PASS
			NV	30	60000.00	10.443864	20	PASS
			NV	40	40000.00	6.962576	20	PASS
			NV	50	80000.00	13.925152	20	PASS
	Ant2	5745	NV	-30	40000.00	6.962576	20	PASS
			NV	-20	60000.00	10.443864	20	PASS
			NV	-10	60000.00	10.443864	20	PASS
			NV	0	60000.00	10.443864	20	PASS
			NV	10	80000.00	13.925152	20	PASS
			NV	20	60000.00	10.443864	20	PASS
			NV	30	60000.00	10.443864	20	PASS
			NV	40	60000.00	10.443864	20	PASS
			NV	50	40000.00	6.962576	20	PASS

10. Duty Cycle

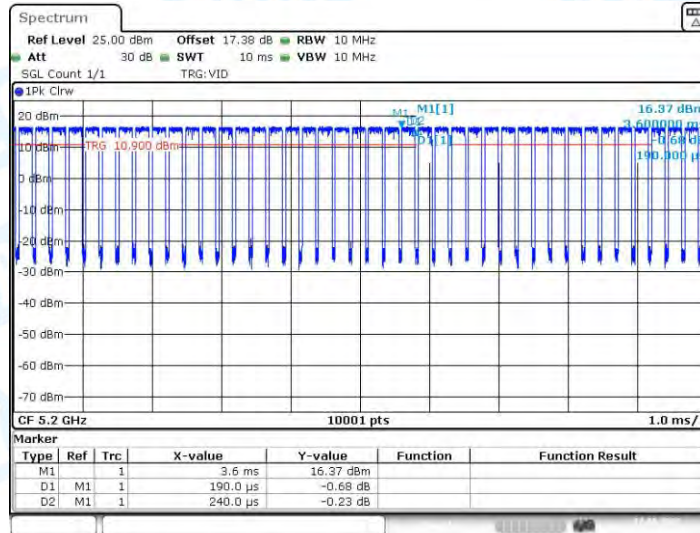
10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]	Limit	Verdict
11A-CDD	Ant1	5180	0.19	0.24	79.17	5.26	---	---
	Ant2	5180	0.20	0.25	80.00	5.00	---	---
	Ant1	5200	0.19	0.24	79.17	5.26	---	---
	Ant2	5200	0.19	0.24	79.17	5.26	---	---
	Ant1	5240	0.20	0.25	80.00	5.00	---	---
	Ant2	5240	0.19	0.24	79.17	5.26	---	---
	Ant1	5745	0.19	0.24	79.17	5.26	---	---
	Ant2	5745	0.19	0.24	79.17	5.26	---	---
	Ant1	5785	0.19	0.24	79.17	5.26	---	---
	Ant2	5785	0.19	0.24	79.17	5.26	---	---
	Ant1	5825	0.19	0.24	79.17	5.26	---	---
	Ant2	5825	0.19	0.24	79.17	5.26	---	---
11N20MIMO	Ant1	5180	0.35	0.40	87.50	2.86	---	---
	Ant2	5180	0.36	0.41	87.80	2.78	---	---
	Ant1	5200	0.35	0.40	87.50	2.86	---	---
	Ant2	5200	0.35	0.40	87.50	2.86	---	---
	Ant1	5240	0.36	0.40	90.00	2.78	---	---
	Ant2	5240	0.36	0.40	90.00	2.78	---	---
	Ant1	5745	0.35	0.40	87.50	2.86	---	---
	Ant2	5745	0.35	0.40	87.50	2.86	---	---
	Ant1	5785	0.35	0.40	87.50	2.86	---	---
	Ant2	5785	0.35	0.40	87.50	2.86	---	---
	Ant1	5825	0.35	0.40	87.50	2.86	---	---
	Ant2	5825	0.35	0.40	87.50	2.86	---	---
11N40MIMO	Ant1	5190	0.34	0.39	87.18	2.94	---	---
	Ant2	5190	0.34	0.40	85.00	2.94	---	---
	Ant1	5230	0.34	0.39	87.18	2.94	---	---
	Ant2	5230	0.34	0.39	87.18	2.94	---	---
	Ant1	5755	0.34	0.39	87.18	2.94	---	---
	Ant2	5755	0.34	0.38	89.47	2.94	---	---
	Ant1	5795	0.34	0.39	87.18	2.94	---	---
	Ant2	5795	0.34	0.39	87.18	2.94	---	---
11AC20MIMO	Ant1	5180	0.19	0.24	79.17	5.26	---	---
	Ant2	5180	0.19	0.24	79.17	5.26	---	---
	Ant1	5200	0.32	0.37	86.49	3.13	---	---
	Ant2	5200	0.32	0.37	86.49	3.13	---	---
	Ant1	5240	0.32	0.37	86.49	3.13	---	---
	Ant2	5240	0.32	0.37	86.49	3.13	---	---
	Ant1	5745	0.32	0.37	86.49	3.13	---	---

	Ant2	5745	0.32	0.37	86.49	3.13	---	---
	Ant1	5785	0.32	0.37	86.49	3.13	---	---
	Ant2	5785	0.32	0.37	86.49	3.13	---	---
	Ant1	5825	0.32	0.37	86.49	3.13	---	---
	Ant2	5825	0.32	0.37	86.49	3.13	---	---
11AC40MIMO	Ant1	5190	0.30	0.35	85.71	3.33	---	---
	Ant2	5190	0.30	0.35	85.71	3.33	---	---
	Ant1	5230	0.30	0.35	85.71	3.33	---	---
	Ant2	5230	0.30	0.35	85.71	3.33	---	---
	Ant1	5755	0.30	0.34	88.24	3.33	---	---
	Ant2	5755	0.30	0.35	85.71	3.33	---	---
	Ant1	5795	0.30	0.35	85.71	3.33	---	---
11AC80MIMO	Ant2	5795	0.30	0.35	85.71	3.33	---	---
	Ant1	5210	0.29	0.34	85.29	3.45	---	---
	Ant2	5210	0.29	0.34	85.29	3.45	---	---
	Ant1	5775	0.28	0.33	84.85	3.57	---	---
11AX20MIMO	Ant2	5775	0.29	0.34	85.29	3.45	---	---
	Ant1	5180	0.50	0.55	90.91	2.00	---	---
	Ant2	5180	0.50	0.55	90.91	2.00	---	---
	Ant1	5200	0.49	0.54	90.74	2.04	---	---
	Ant2	5200	0.49	0.54	90.74	2.04	---	---
	Ant1	5240	0.49	0.54	90.74	2.04	---	---
	Ant2	5240	0.49	0.54	90.74	2.04	---	---
	Ant1	5745	0.50	0.55	90.91	2.00	---	---
	Ant2	5745	0.50	0.55	90.91	2.00	---	---
	Ant1	5785	0.50	0.55	90.91	2.00	---	---
	Ant2	5785	0.50	0.55	90.91	2.00	---	---
	Ant1	5825	0.50	0.55	90.91	2.00	---	---
	Ant2	5825	0.50	0.55	90.91	2.00	---	---
11AX40MIMO	Ant1	5190	0.28	0.33	84.85	3.57	---	---
	Ant2	5190	0.29	0.34	85.29	3.45	---	---
	Ant1	5230	0.29	0.34	85.29	3.45	---	---
	Ant2	5230	0.28	0.33	84.85	3.57	---	---
	Ant1	5755	0.28	0.33	84.85	3.57	---	---
	Ant2	5755	0.28	0.33	84.85	3.57	---	---
	Ant1	5795	0.28	0.33	84.85	3.57	---	---
	Ant2	5795	0.28	0.33	84.85	3.57	---	---
11AX80MIMO	Ant1	5210	0.26	0.31	83.87	3.85	---	---
	Ant2	5210	0.26	0.31	83.87	3.85	---	---
	Ant1	5775	0.31	0.35	88.57	3.23	---	---
	Ant2	5775	0.30	0.35	85.71	3.33	---	---

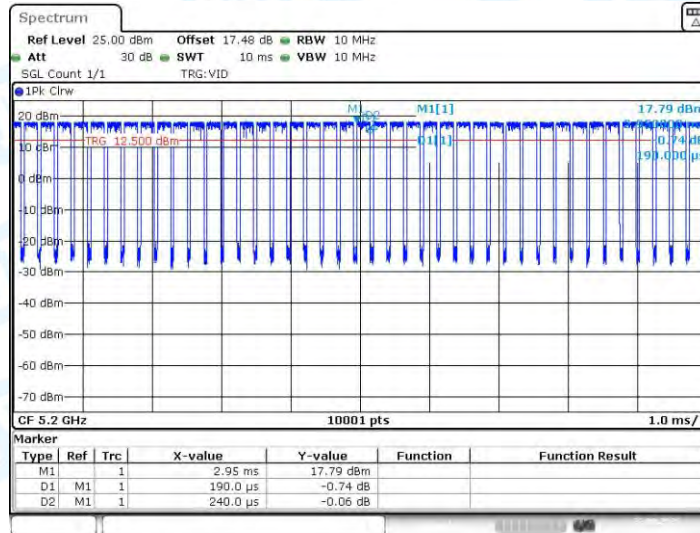
10.2. Test Graphs





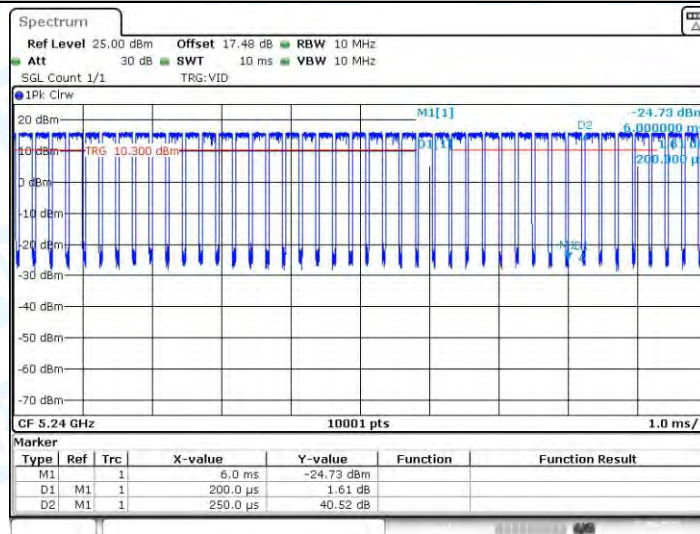
Date: 22.AUG.2023 11:39:02

11A-CDD_Ant2_5200



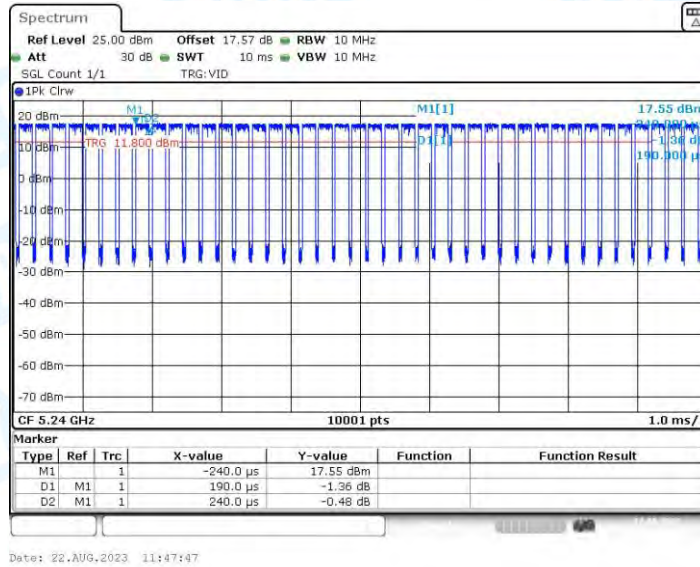
Date: 22.AUG.2023 11:41:02

11A-CDD_Ant1_5240

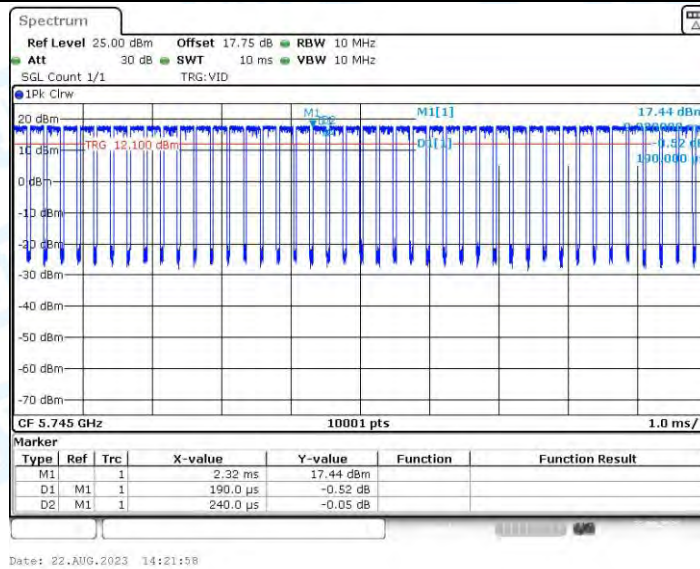


Date: 22.AUG.2023 11:44:10

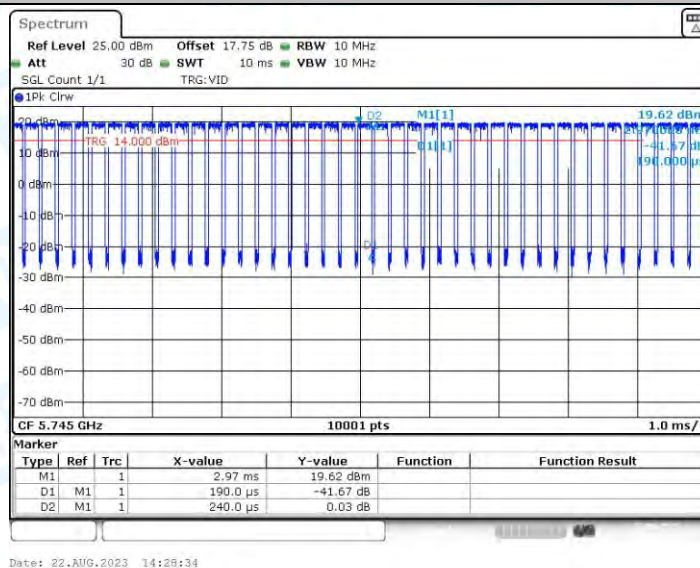
11A-CDD_Ant2_5240



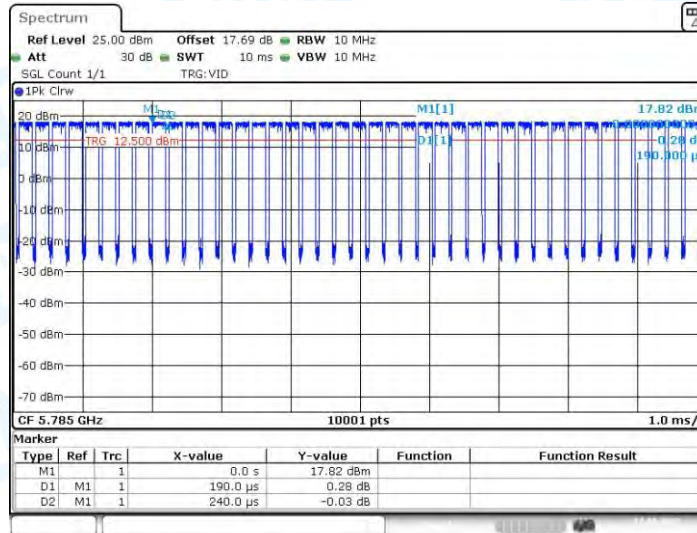
11A-CDD_Ant1_5745



11A-CDD_Ant2_5745

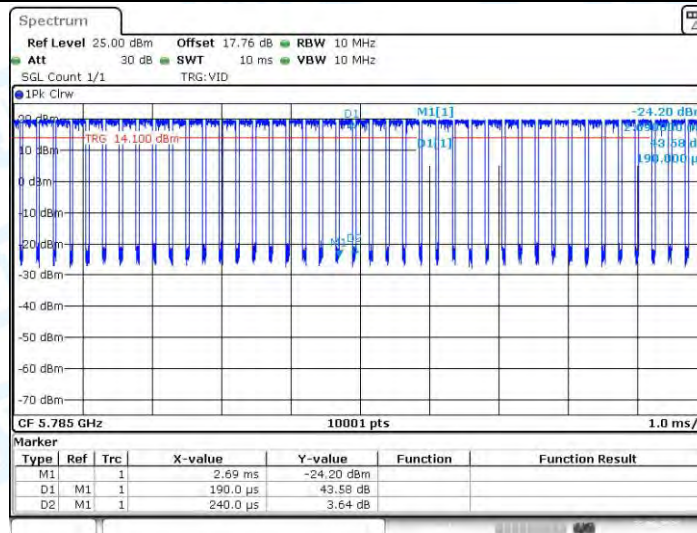


11A-CDD_Ant1_5785



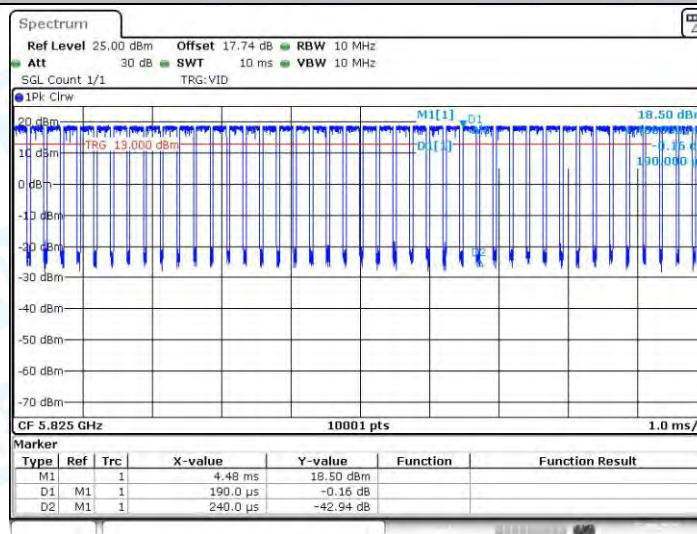
Date: 22.AUG.2023 14:36:30

11A-CDD_Ant2_5785



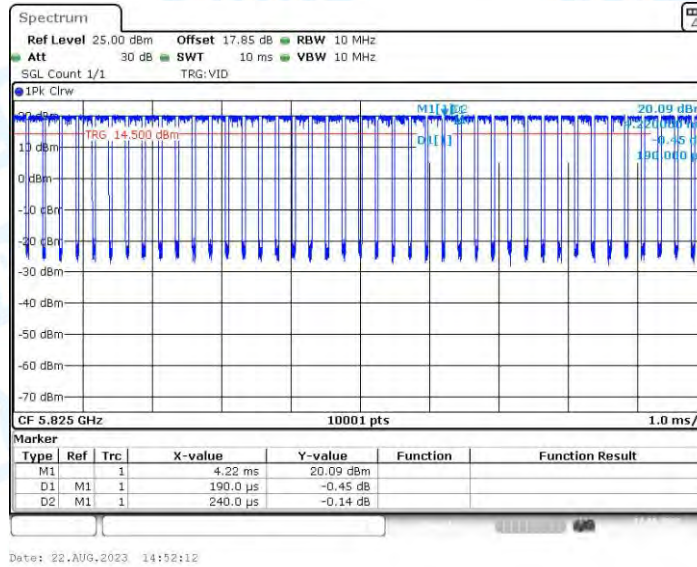
Date: 22.AUG.2023 14:38:28

11A-CDD_Ant1_5825

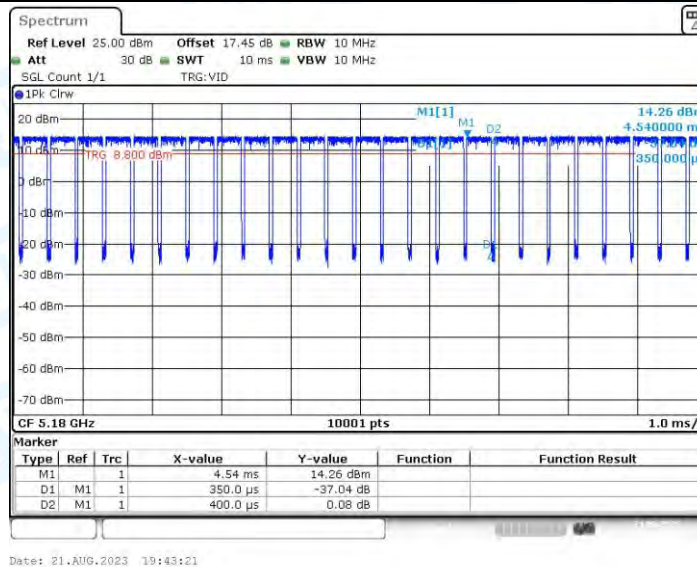


Date: 22.AUG.2023 14:49:02

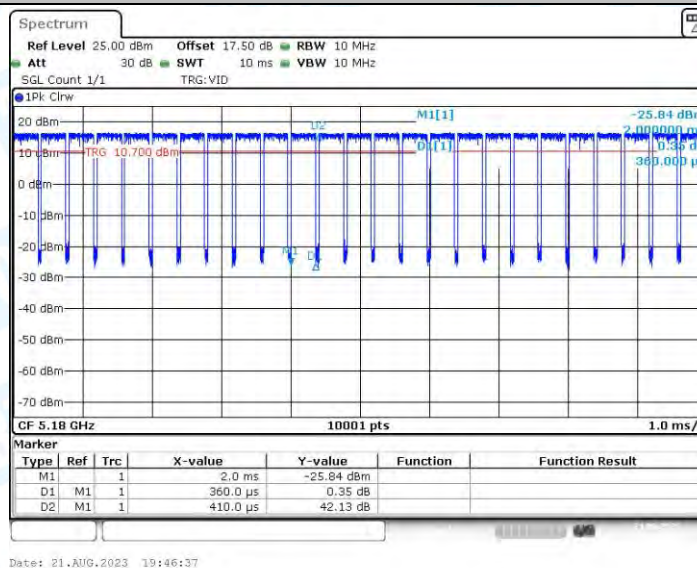
11A-CDD_Ant2_5825



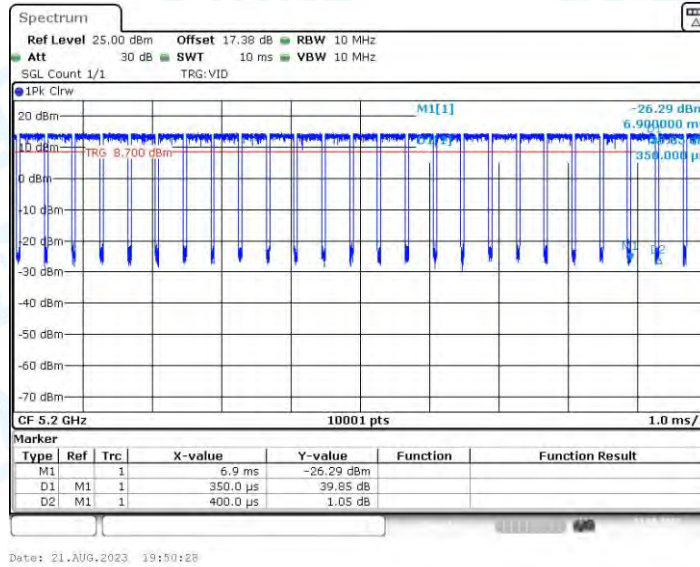
11N20MIMO_Ant1_5180



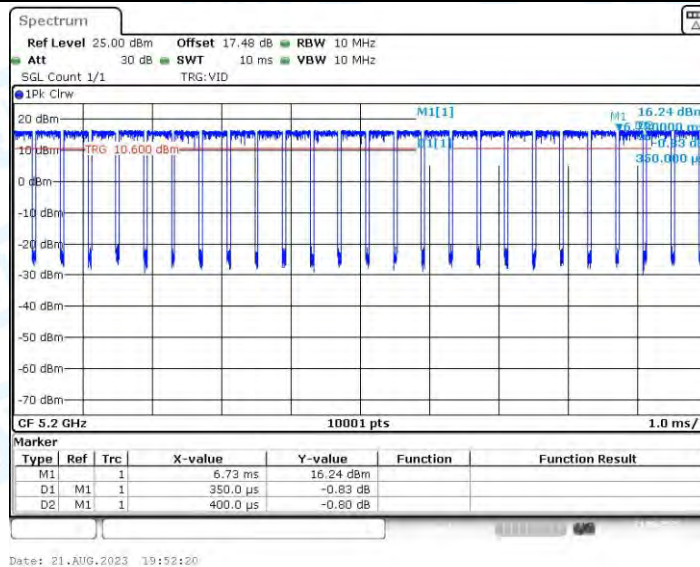
11N20MIMO_Ant2_5180



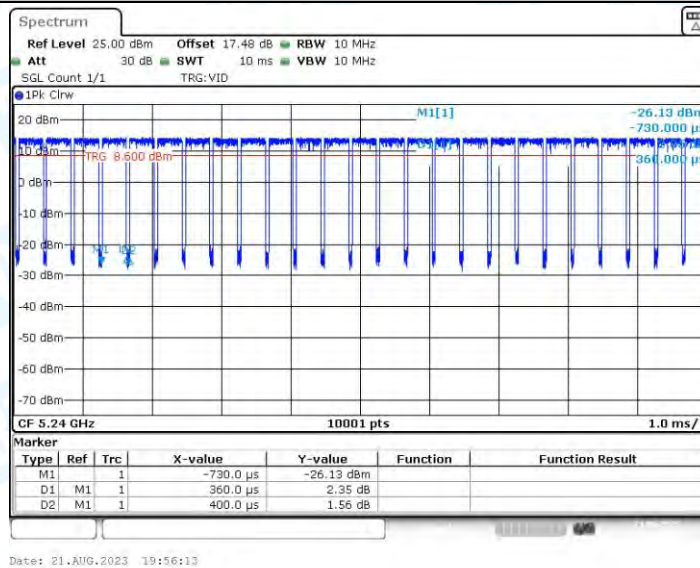
11N20MIMO_Ant1_5200



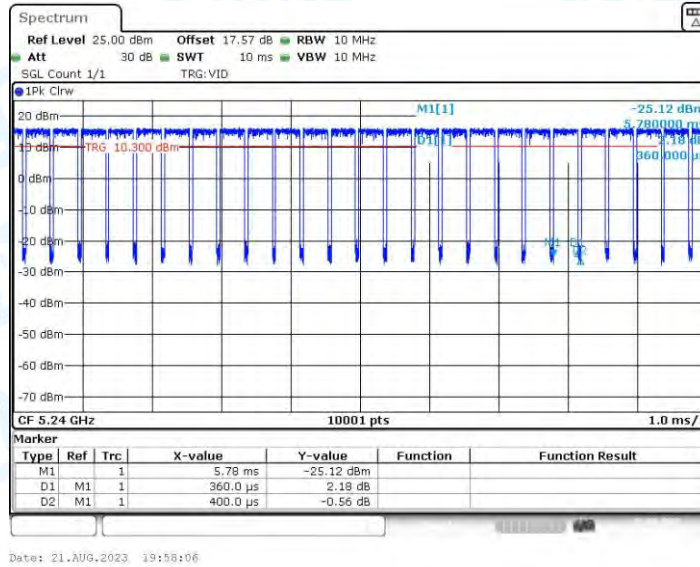
11N20MIMO_Ant2_5200



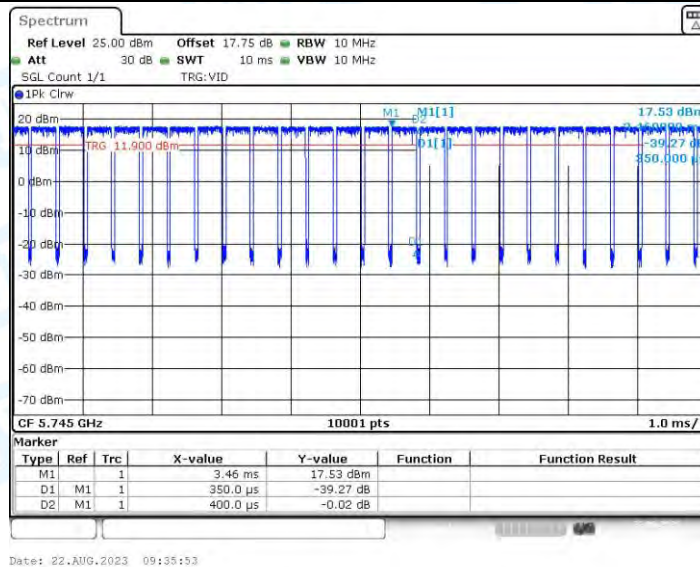
11N20MIMO_Ant1_5240



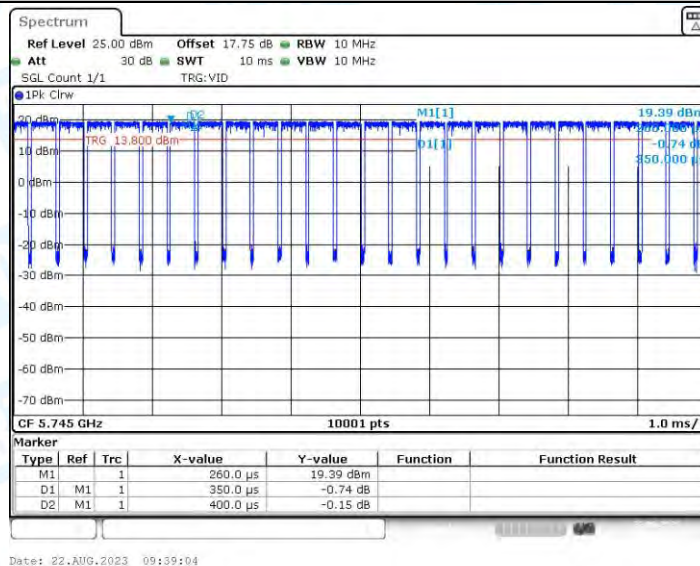
11N20MIMO_Ant2_5240



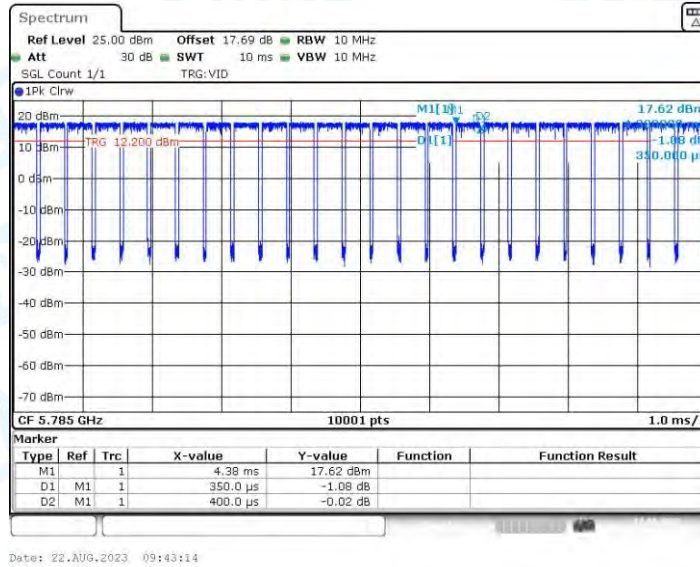
11N20MIMO_Ant1_5745



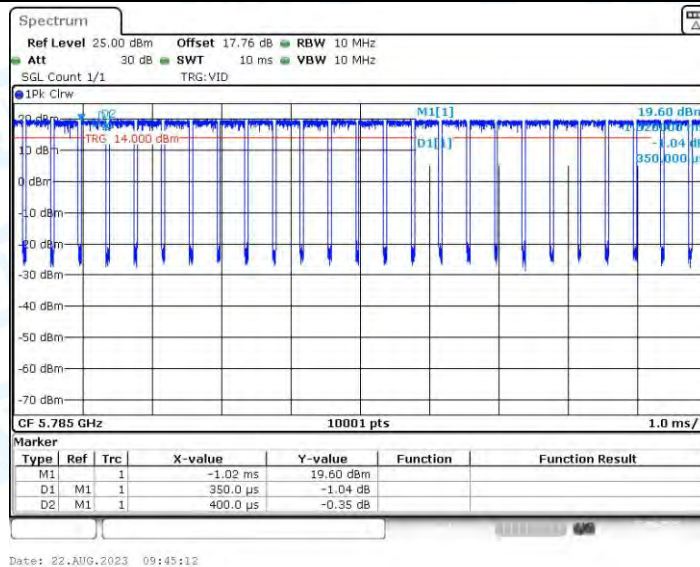
11N20MIMO_Ant2_5745



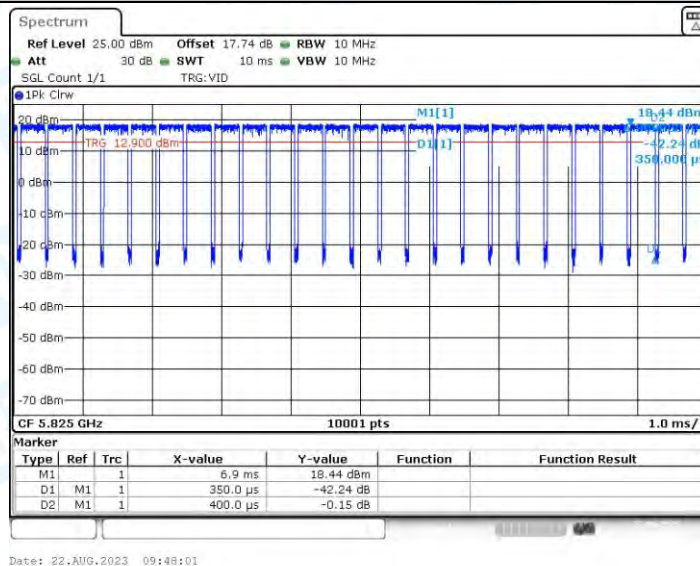
11N20MIMO_Ant1_5785



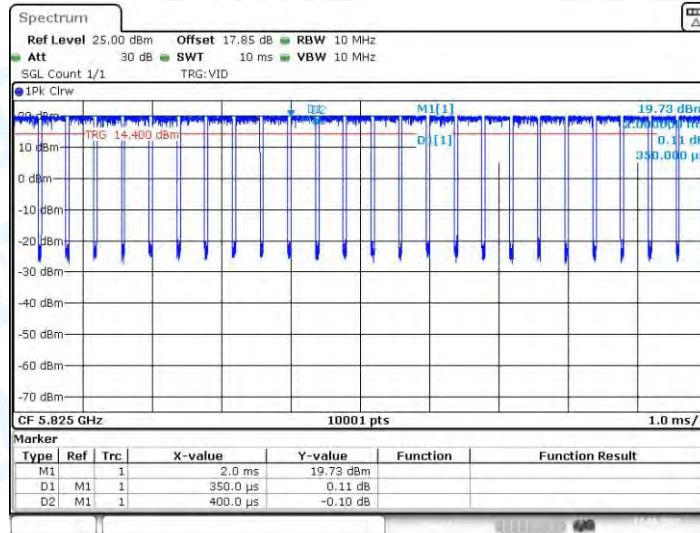
11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825

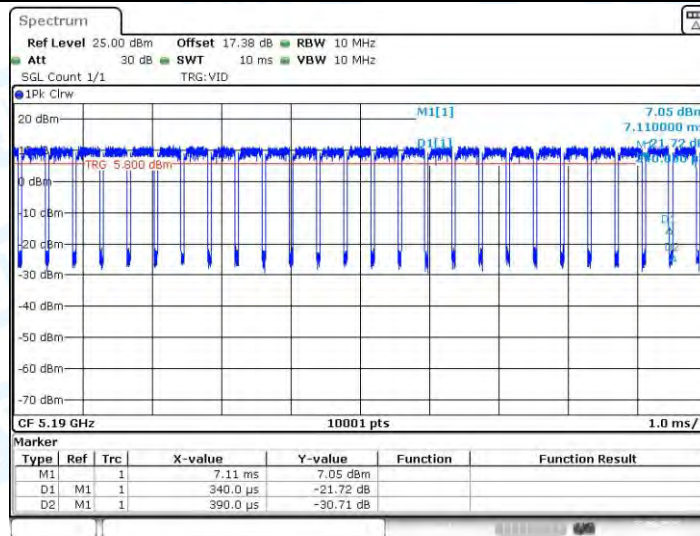


11N20MIMO_Ant2_5825



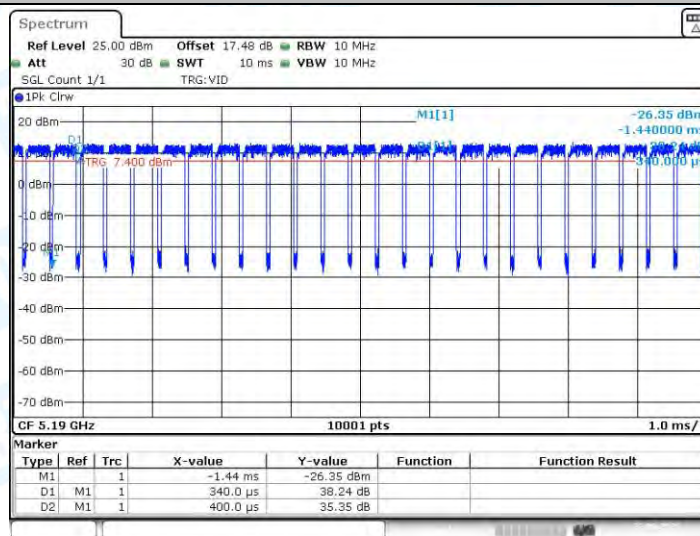
Date: 22.AUG.2023 09:52:37

11N40MIMO_Ant1_5190



Date: 22.AUG.2023 09:58:05

11N40MIMO_Ant2_5190



Date: 22.AUG.2023 10:06:23

11N40MIMO_Ant1_5230