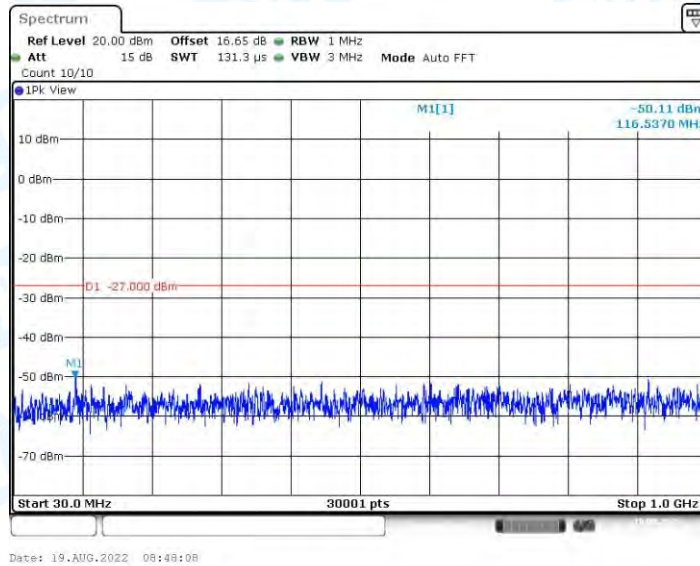
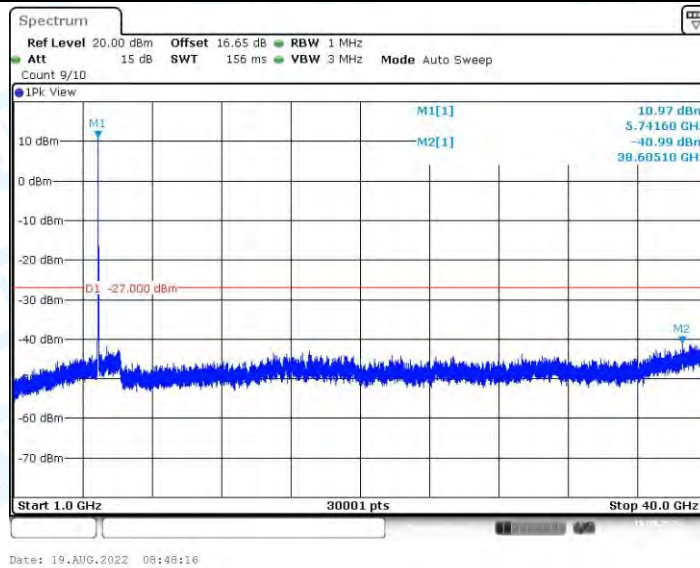
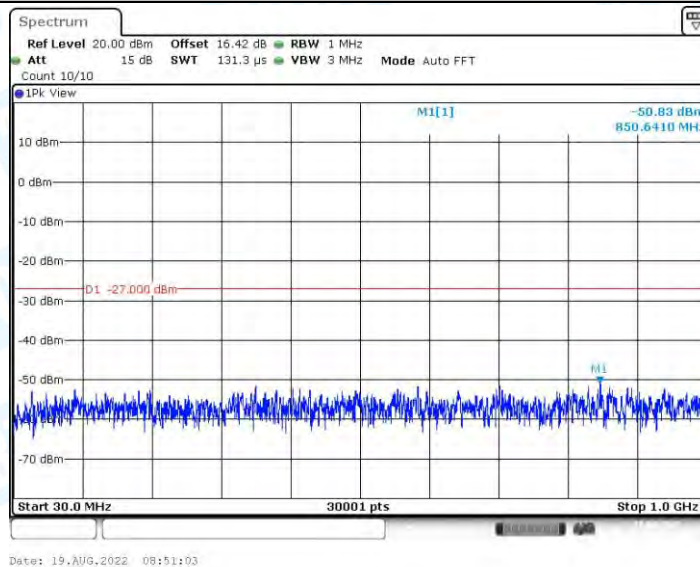




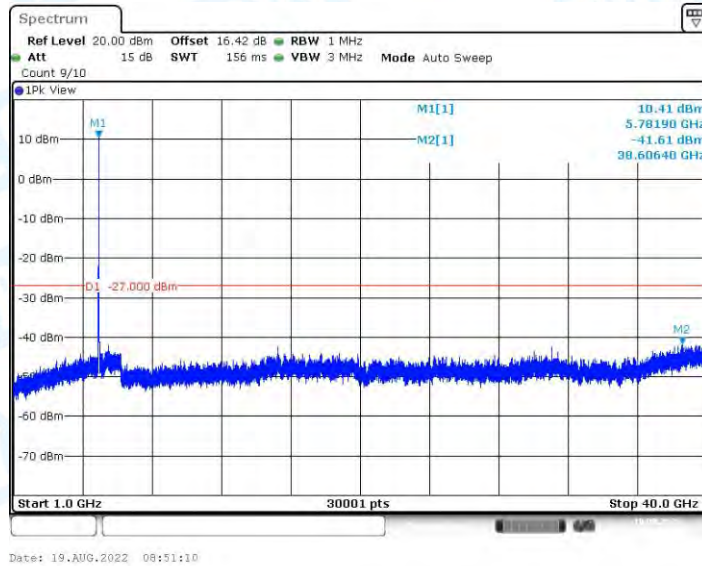
11A_Ant1_5745_1000~40000



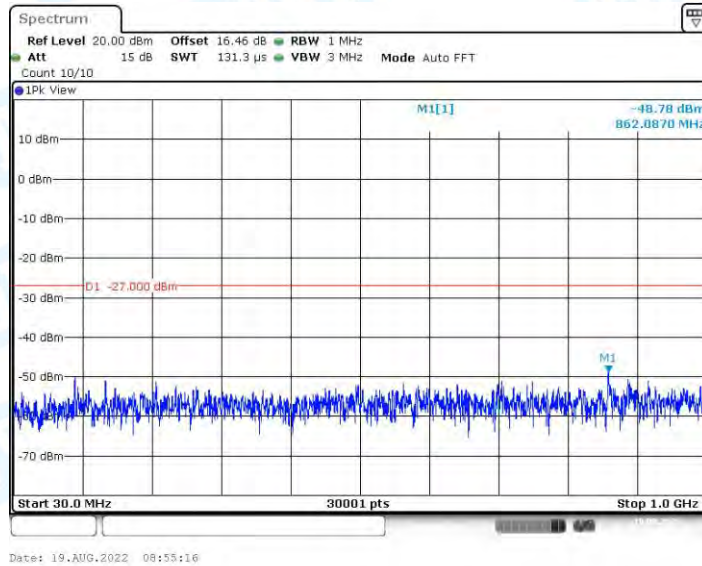
11A_Ant1_5785_30~1000



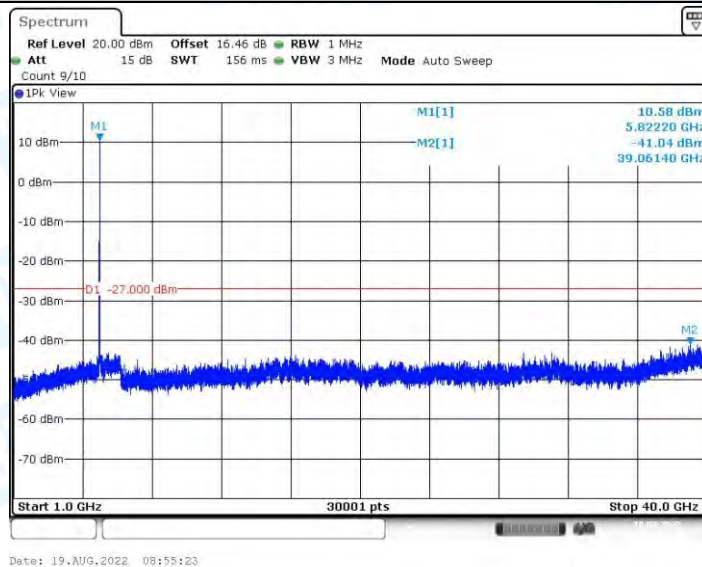
11A_Ant1_5785_1000~40000



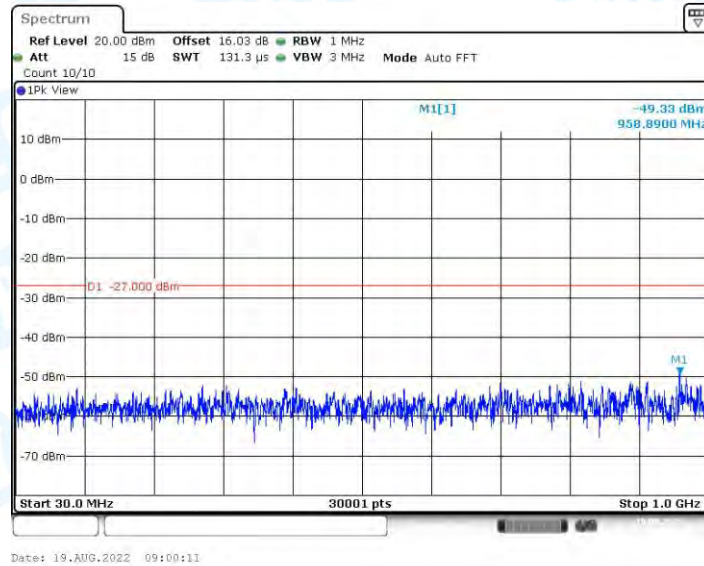
11A_Ant1_5825_30~1000



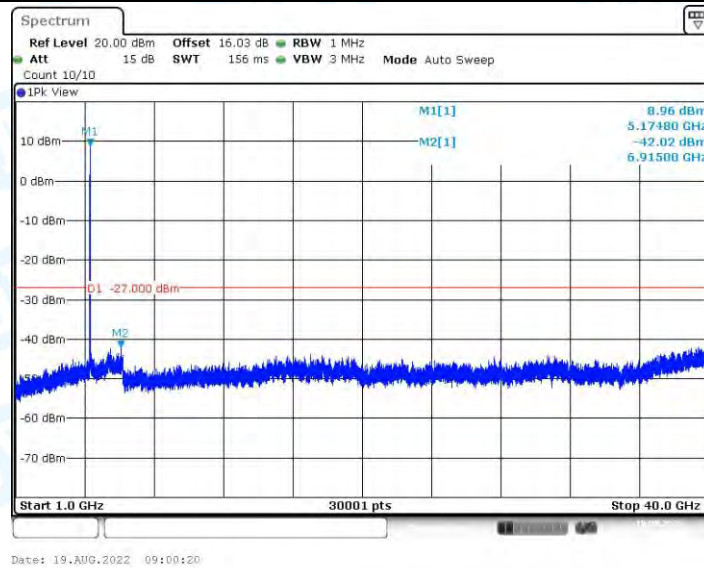
11A_Ant1_5825_1000~40000



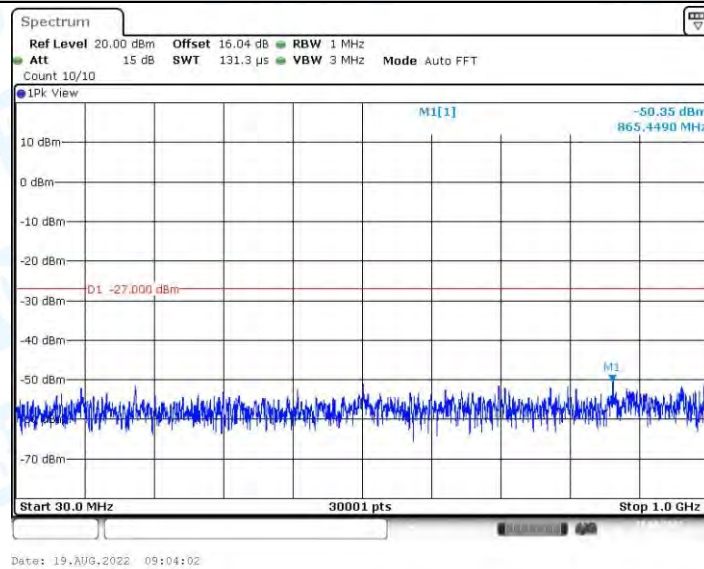
11N20SISO_Ant1_5180_30~1000



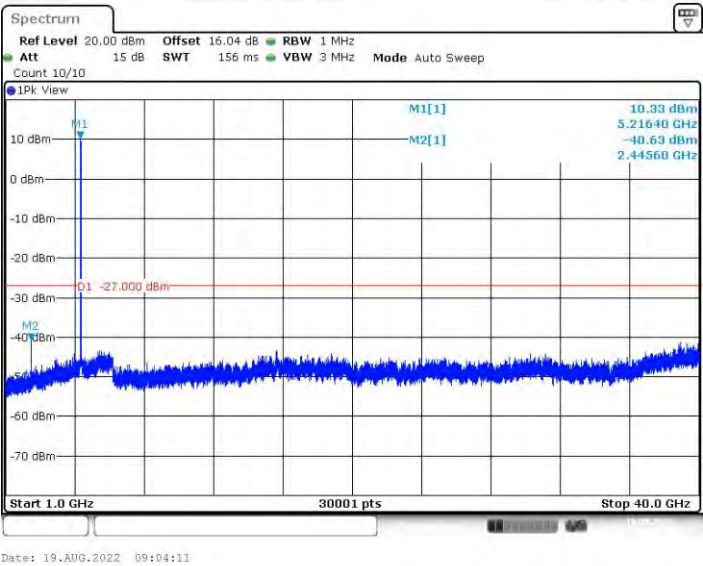
11N20SISO_Ant1_5180_1000~40000



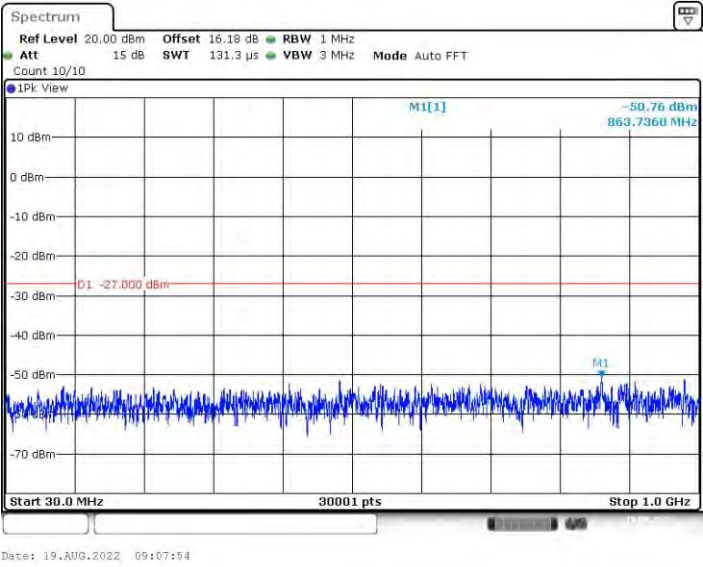
11N20SISO_Ant1_5220_30~1000



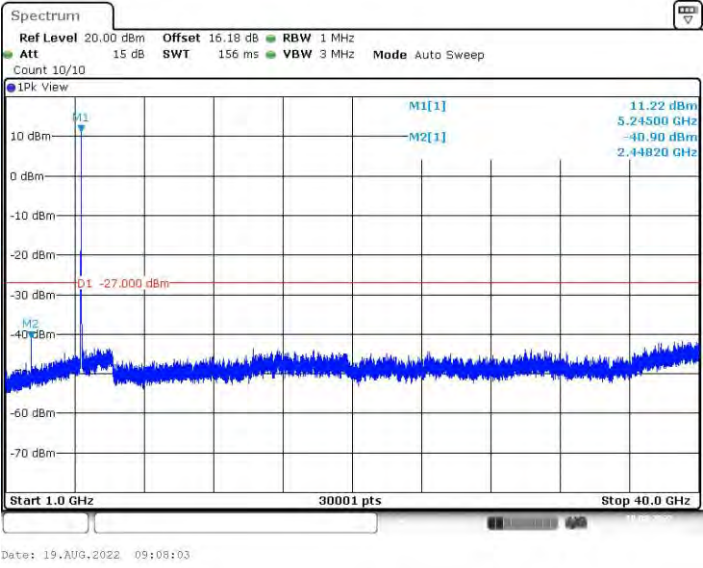
11N20SISO_Ant1_5220_1000~40000



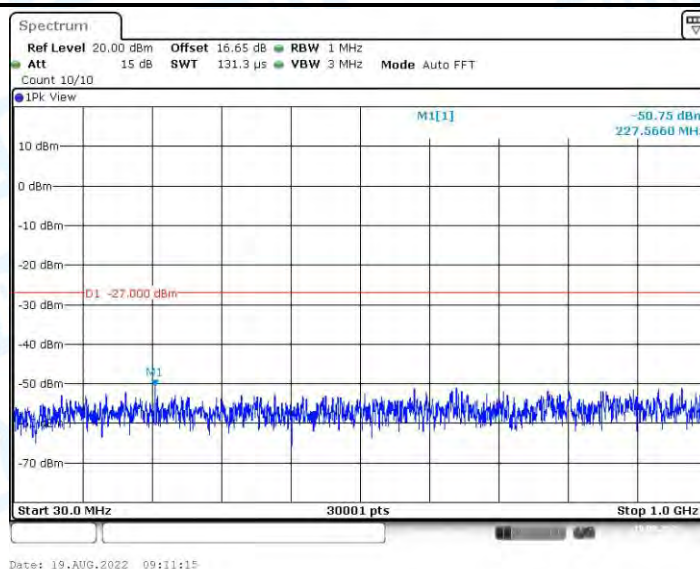
11N20SISO_Ant1_5240_30~1000



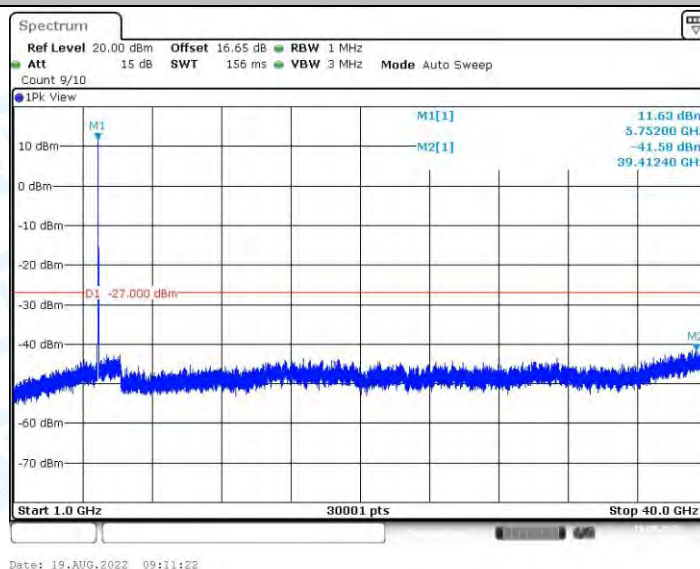
11N20SISO_Ant1_5240_1000~40000



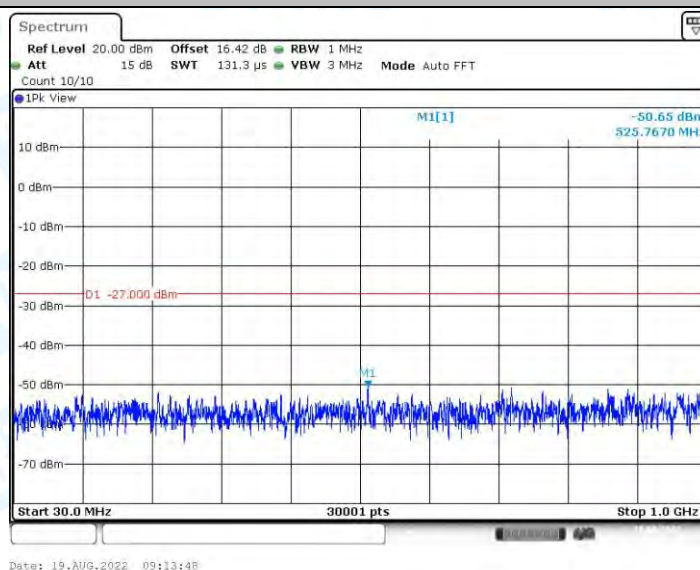
11N20SISO_Ant1_5745_30~1000



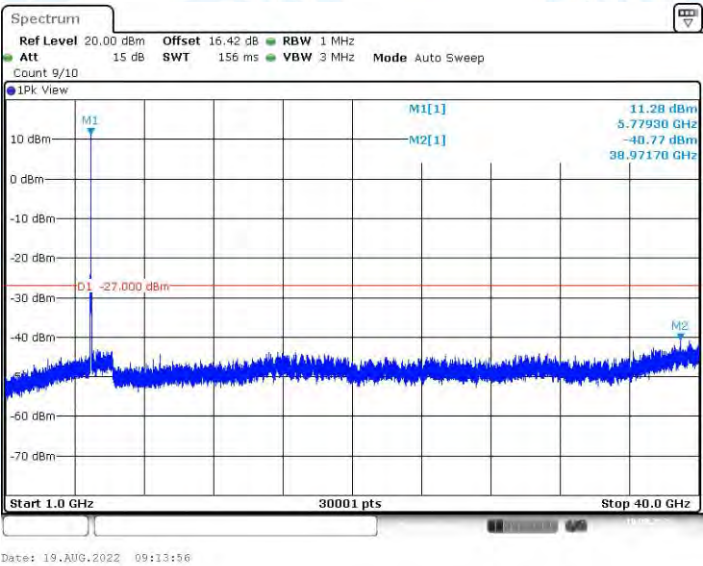
11N20SISO_Ant1_5745_1000~40000



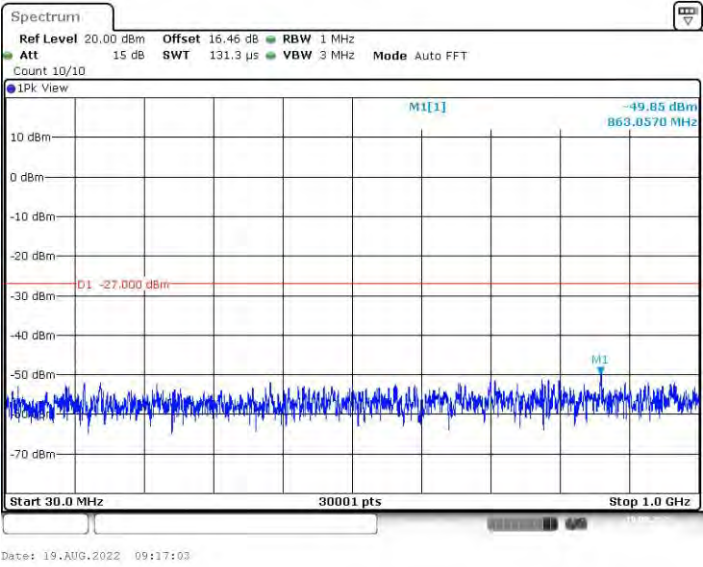
11N20SISO_Ant1_5785_30~1000



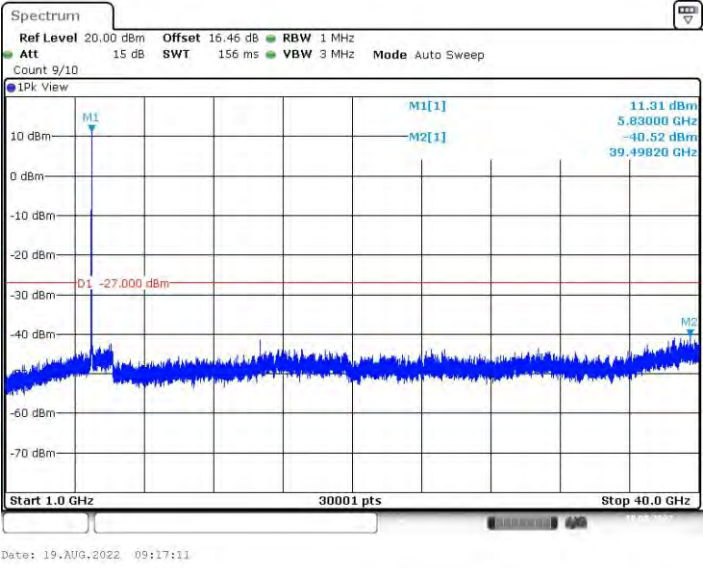
11N20SISO_Ant1_5785_1000~40000



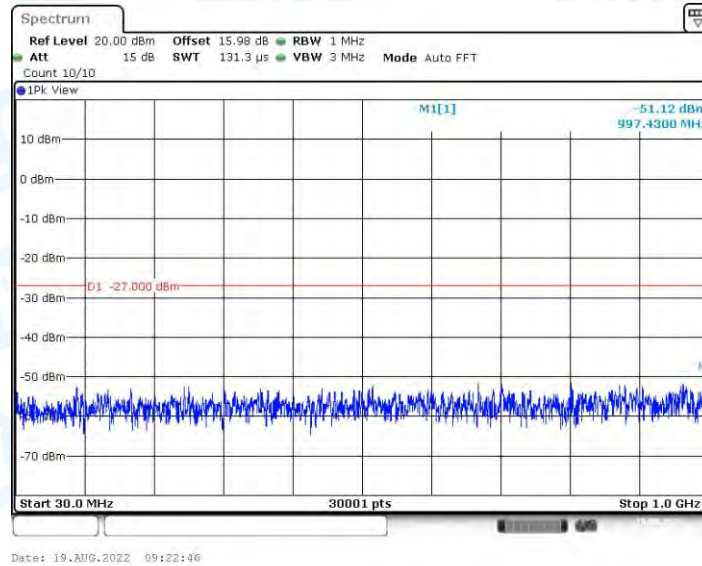
11N20SISO_Ant1_5825_30~1000



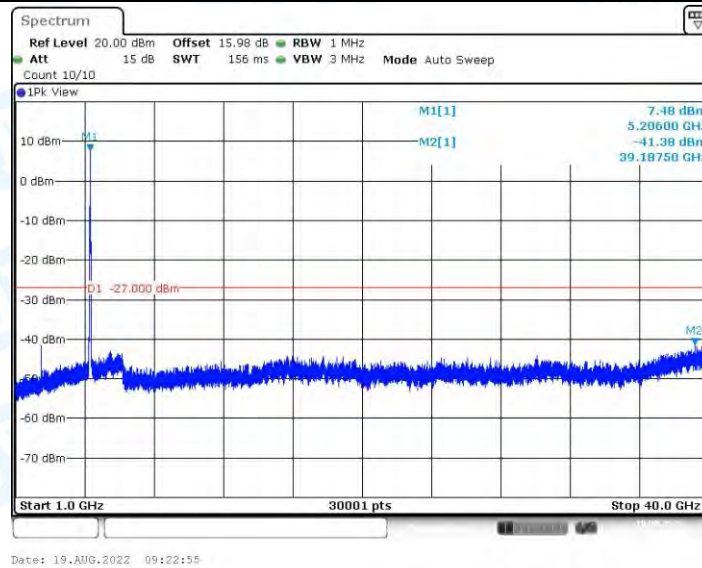
11N20SISO_Ant1_5825_1000~40000



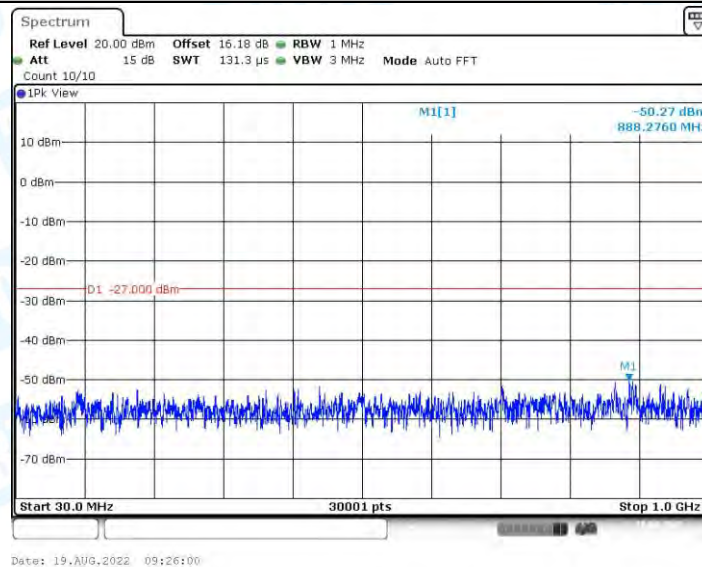
11N40SISO_Ant1_5190_30~1000



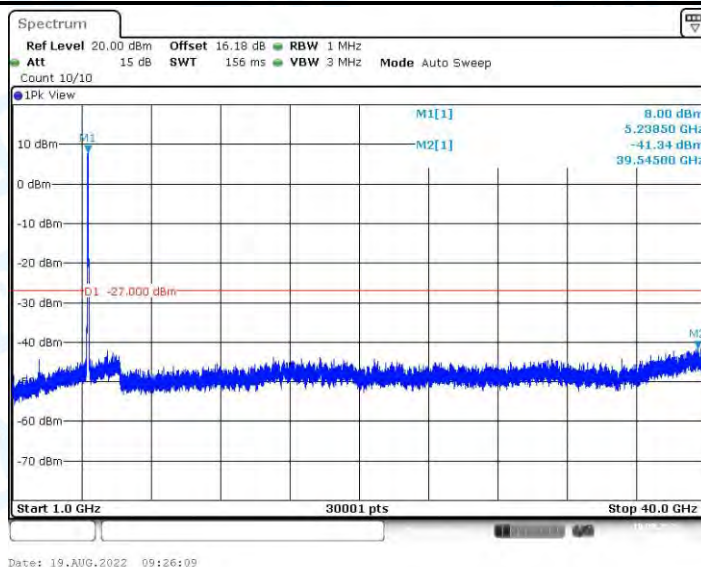
11N40SISO_Ant1_5190_1000~40000



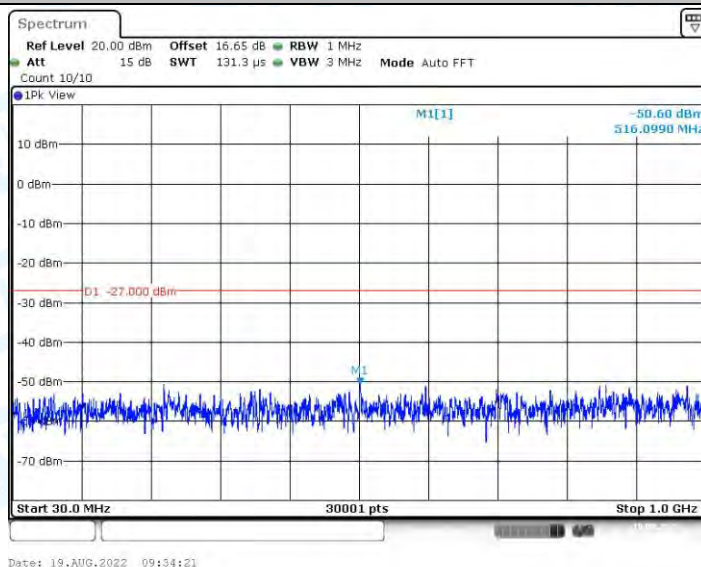
11N40SISO_Ant1_5230_30~1000



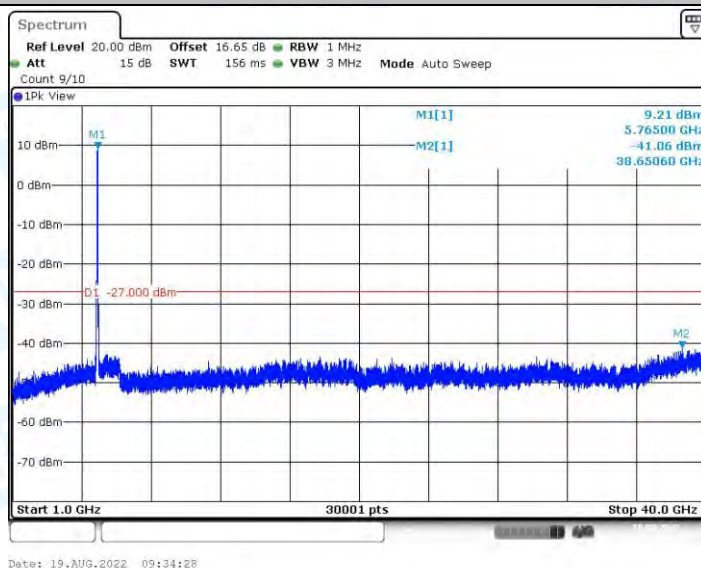
11N40SISO_Ant1_5230_1000~40000



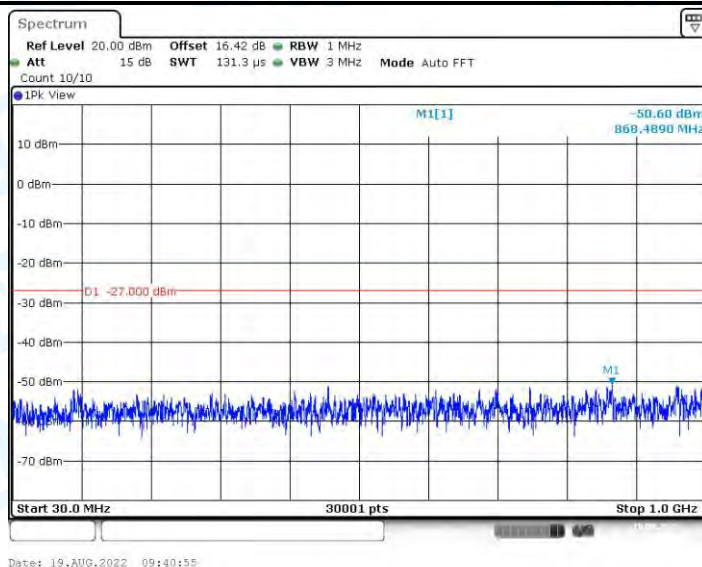
11N40SISO_Ant1_5755_30~1000



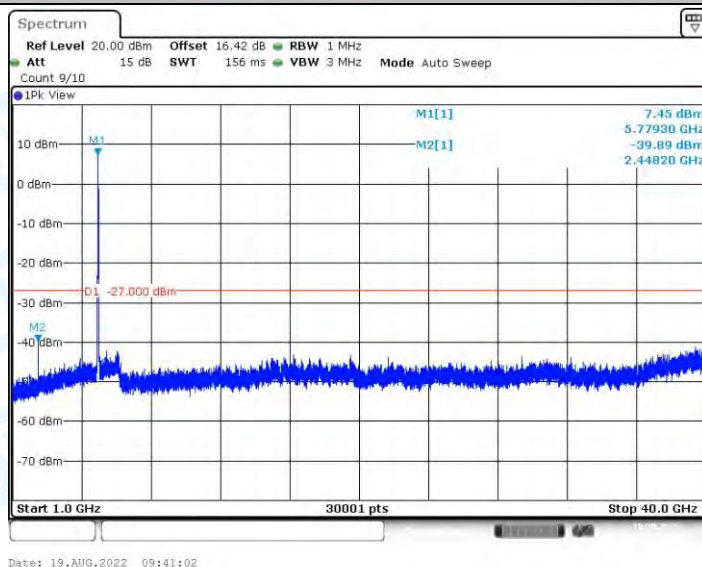
11N40SISO_Ant1_5755_1000~40000



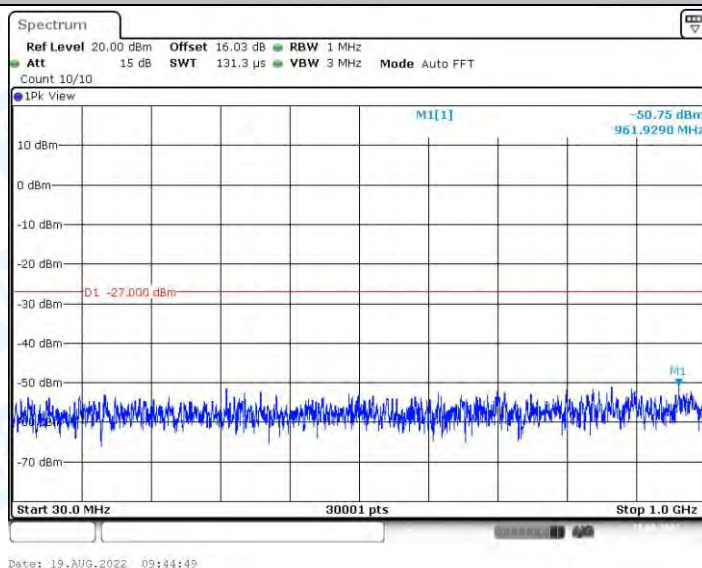
11N40SISO_Ant1_5795_30~1000



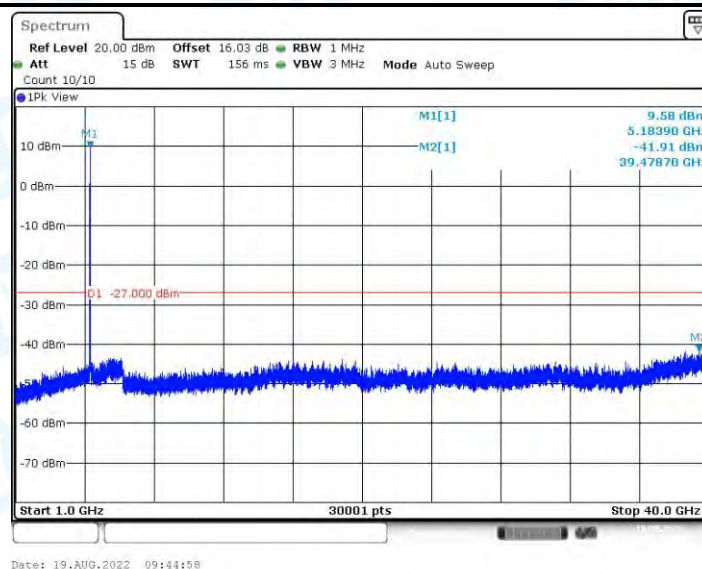
11N40SISO_Ant1_5795_1000~40000



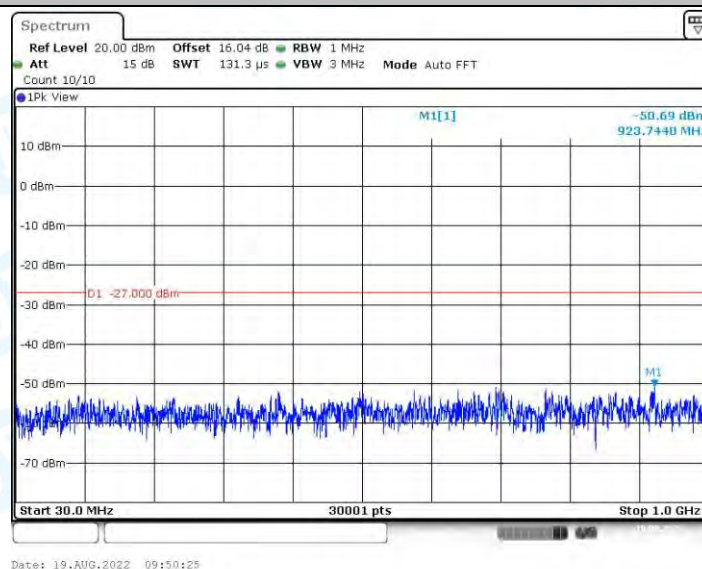
11AC20SISO_Ant1_5180_30~1000



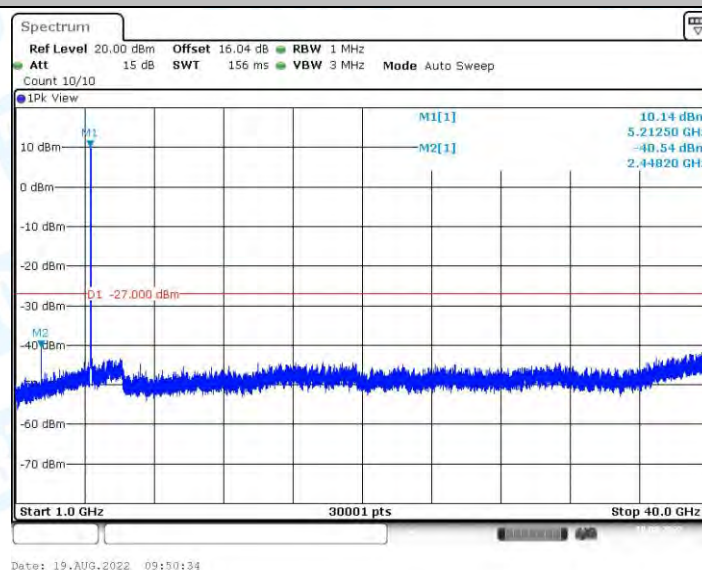
11AC20SISO_Ant1_5180_1000~40000



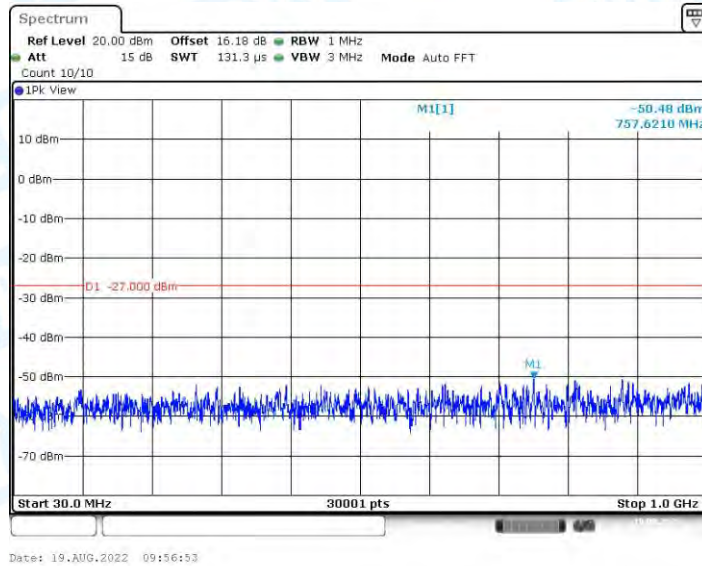
11AC20SISO_Ant1_5220_30~1000



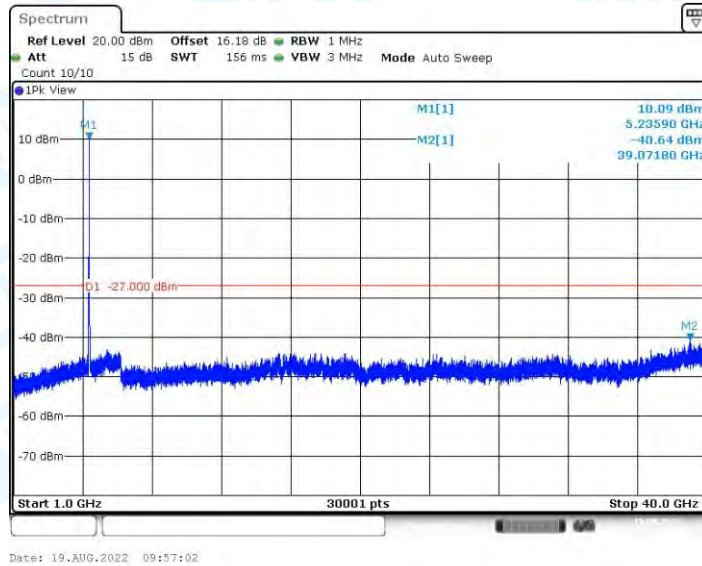
11AC20SISO_Ant1_5220_1000~40000



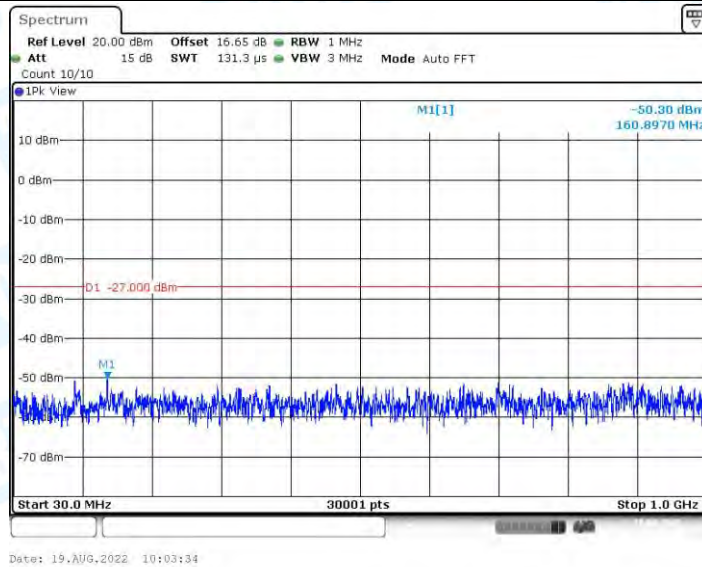
11AC20SISO_Ant1_5240_30~1000



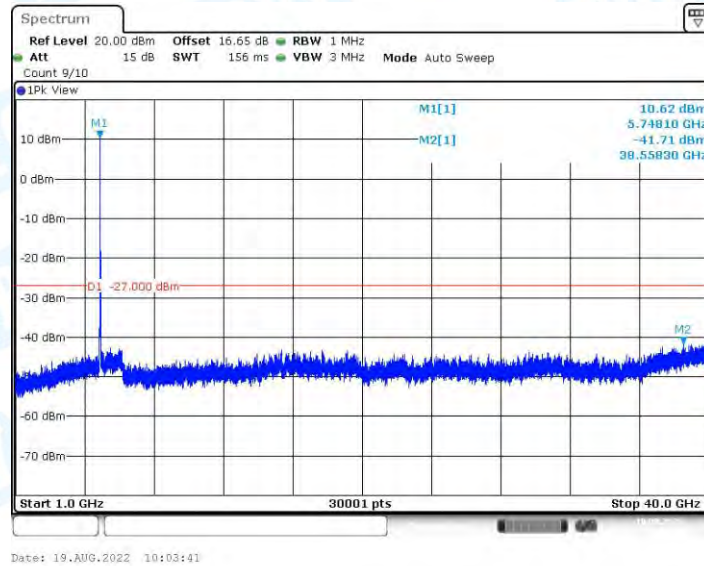
11AC20SISO_Ant1_5240_1000~40000



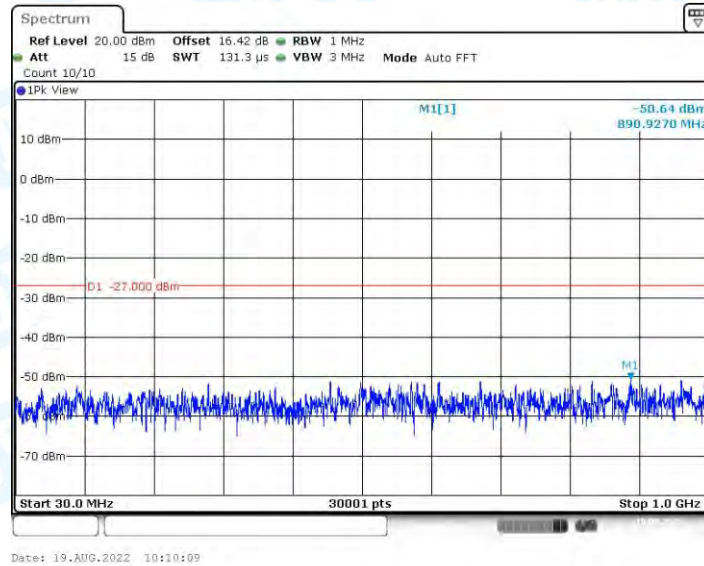
11AC20SISO_Ant1_5745_30~1000



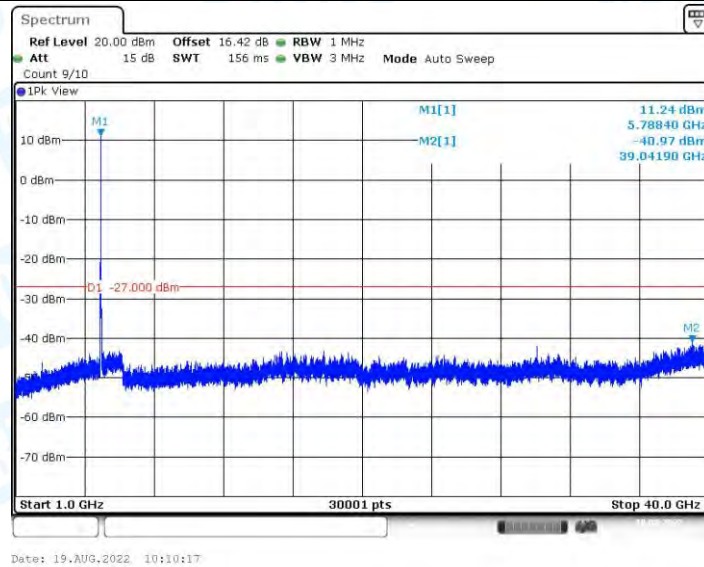
11AC20SISO_Ant1_5745_1000~40000



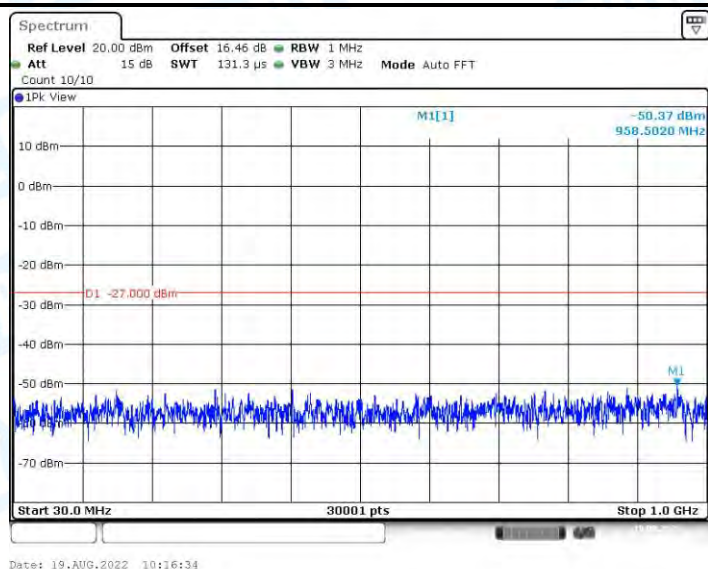
11AC20SISO_Ant1_5785_30~1000



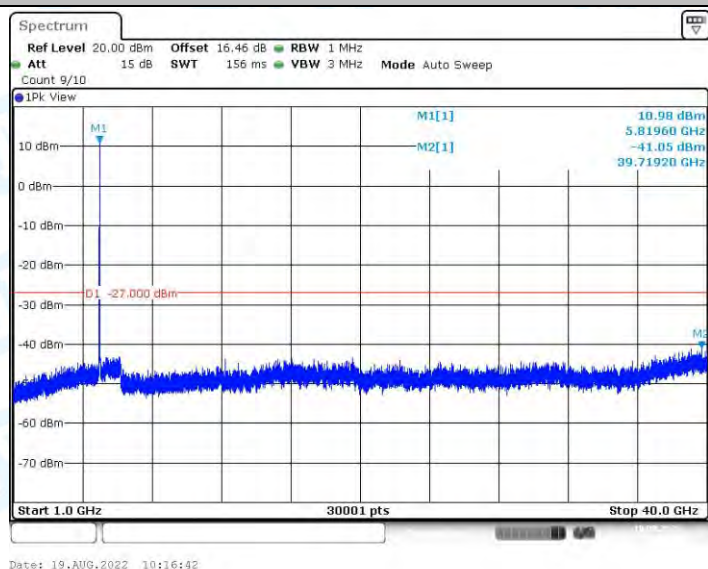
11AC20SISO_Ant1_5785_1000~40000



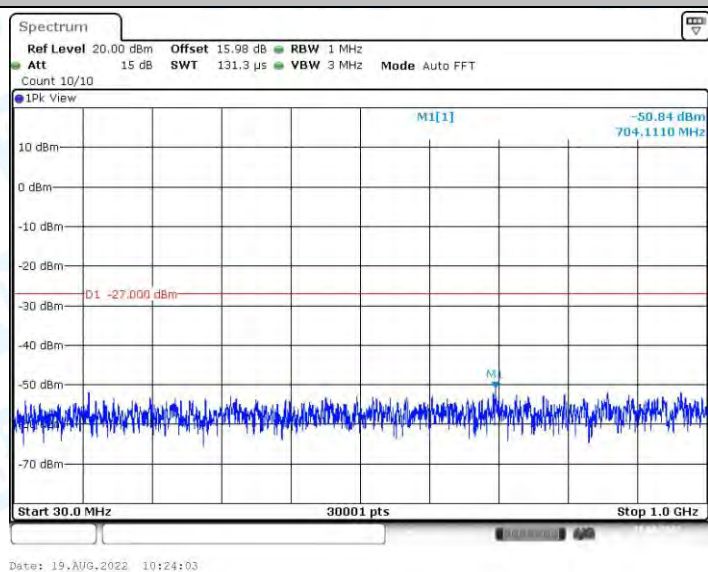
11AC20SISO_Ant1_5825_30~1000



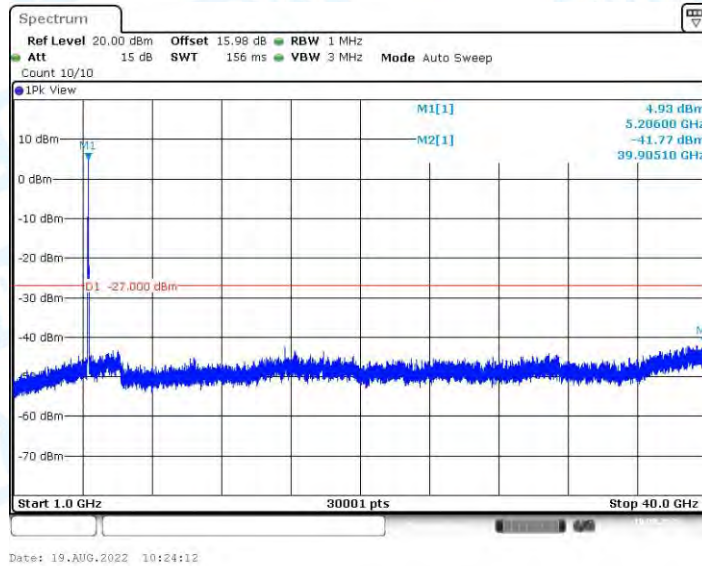
11AC20SISO_Ant1_5825_1000~40000



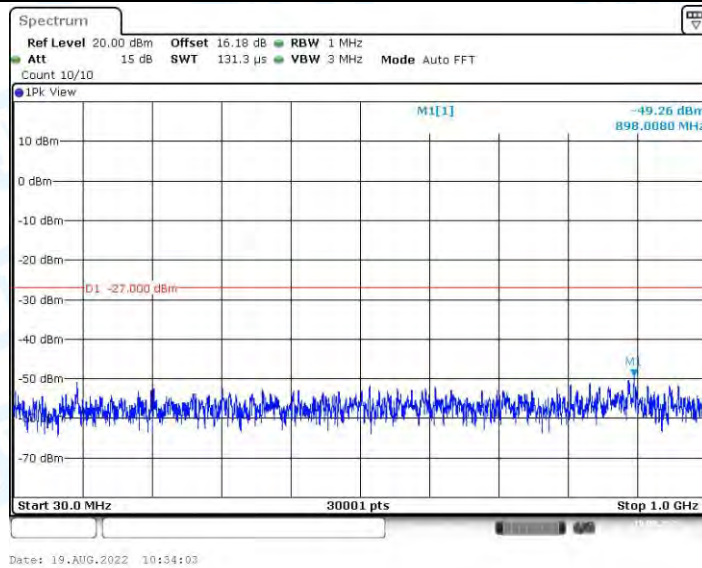
11AC40SISO_Ant1_5190_30~1000



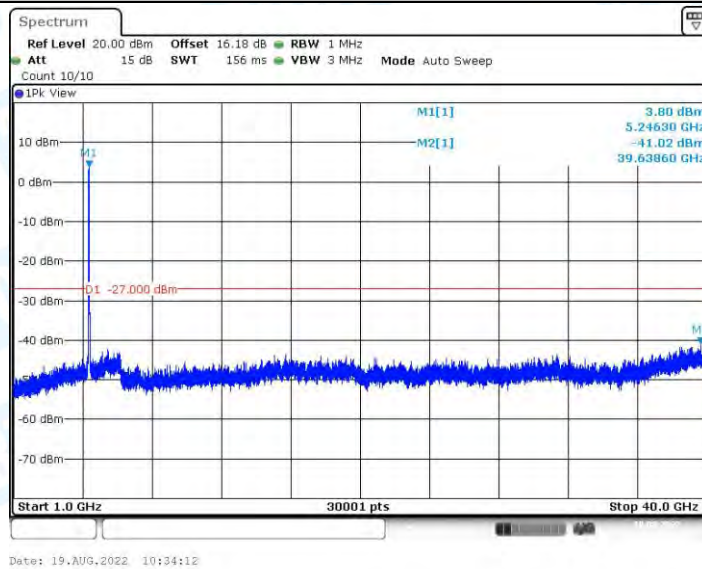
11AC40SISO_Ant1_5190_1000~40000



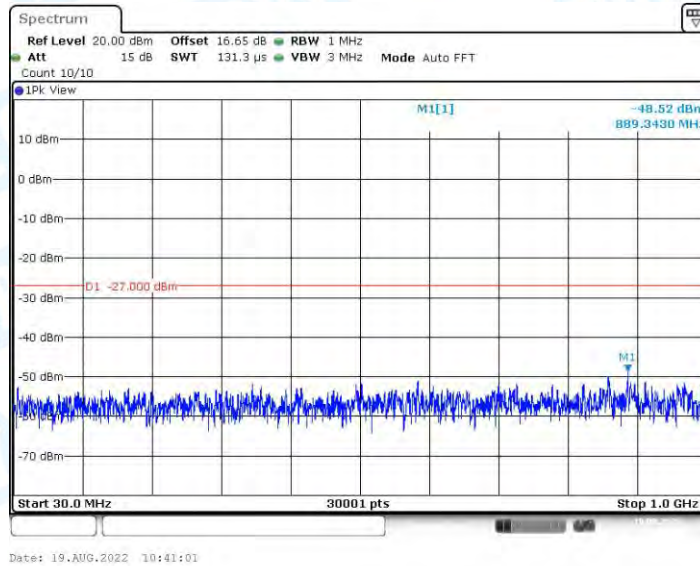
11AC40SISO_Ant1_5230_30~1000



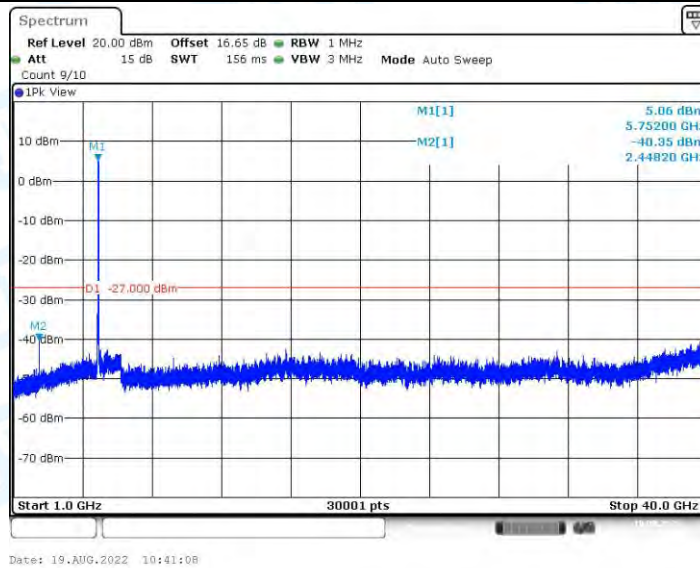
11AC40SISO_Ant1_5230_1000~40000



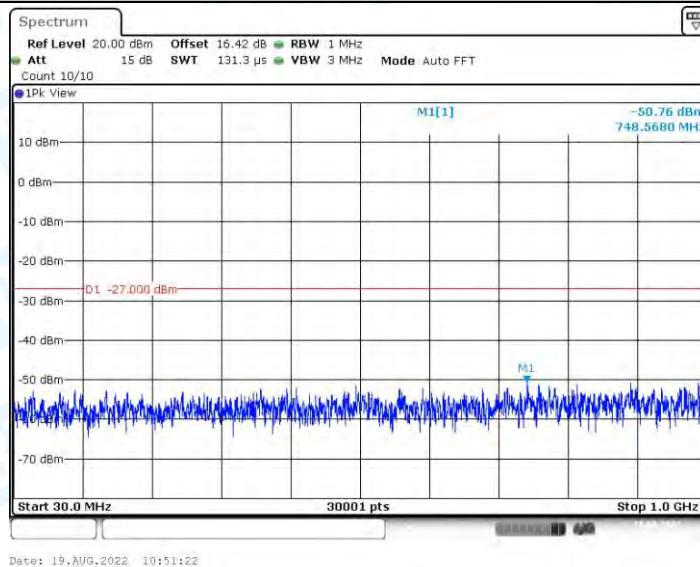
11AC40SISO_Ant1_5755_30~1000



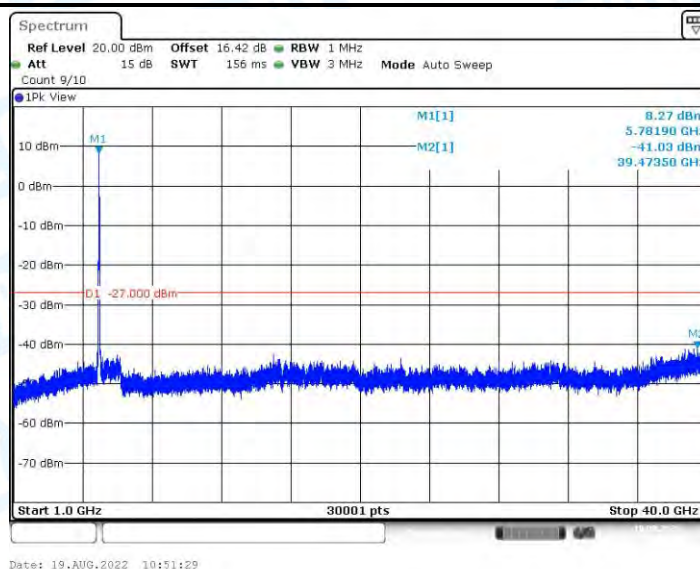
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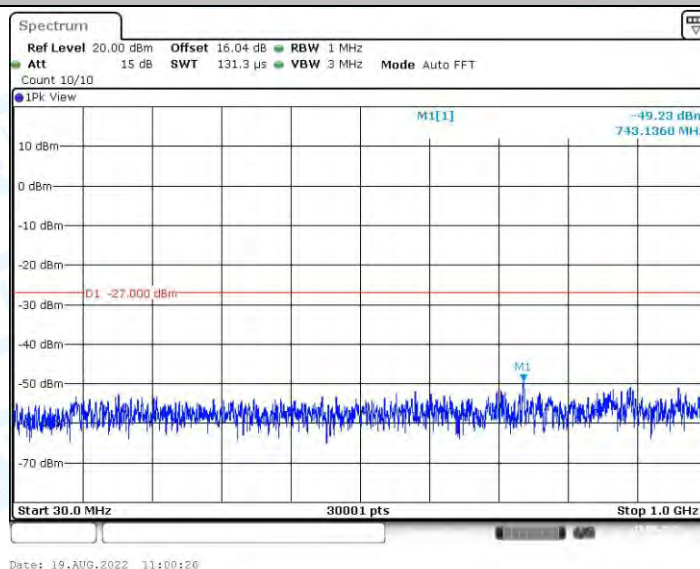
11AC40SISO_Ant1_5795_30~1000



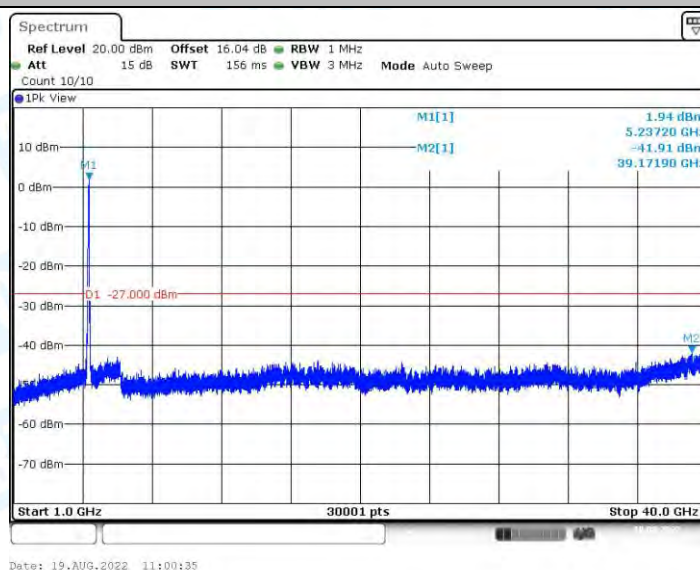
11AC40SISO_Ant1_5795_1000~40000



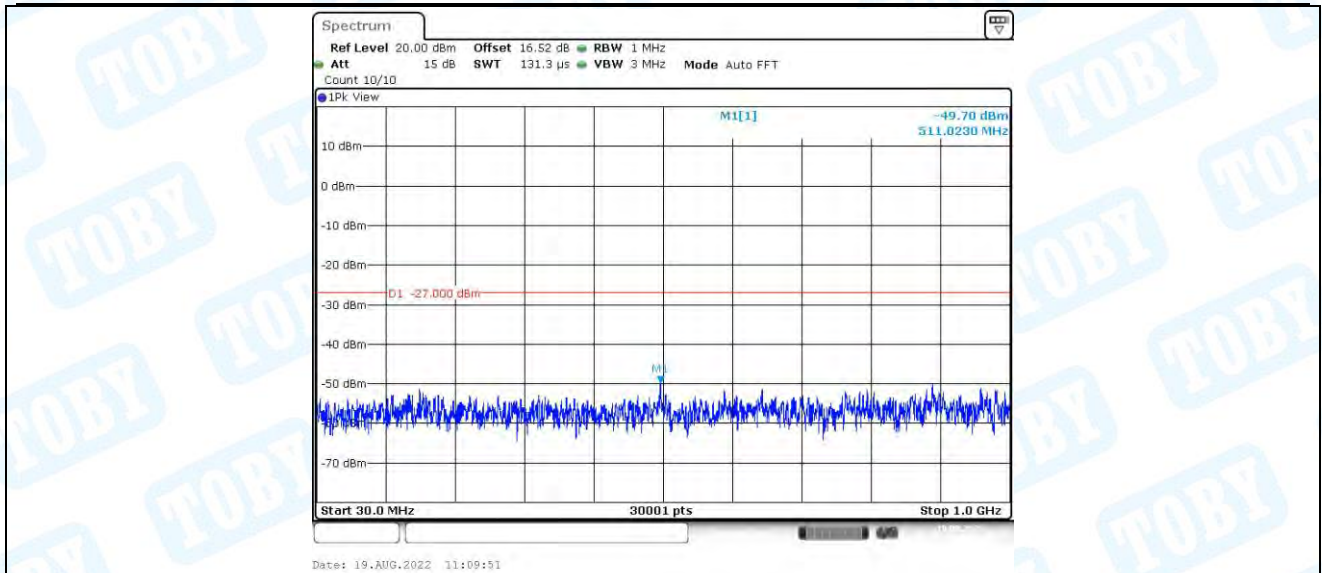
11AC80SISO_Ant1_5210_30~1000



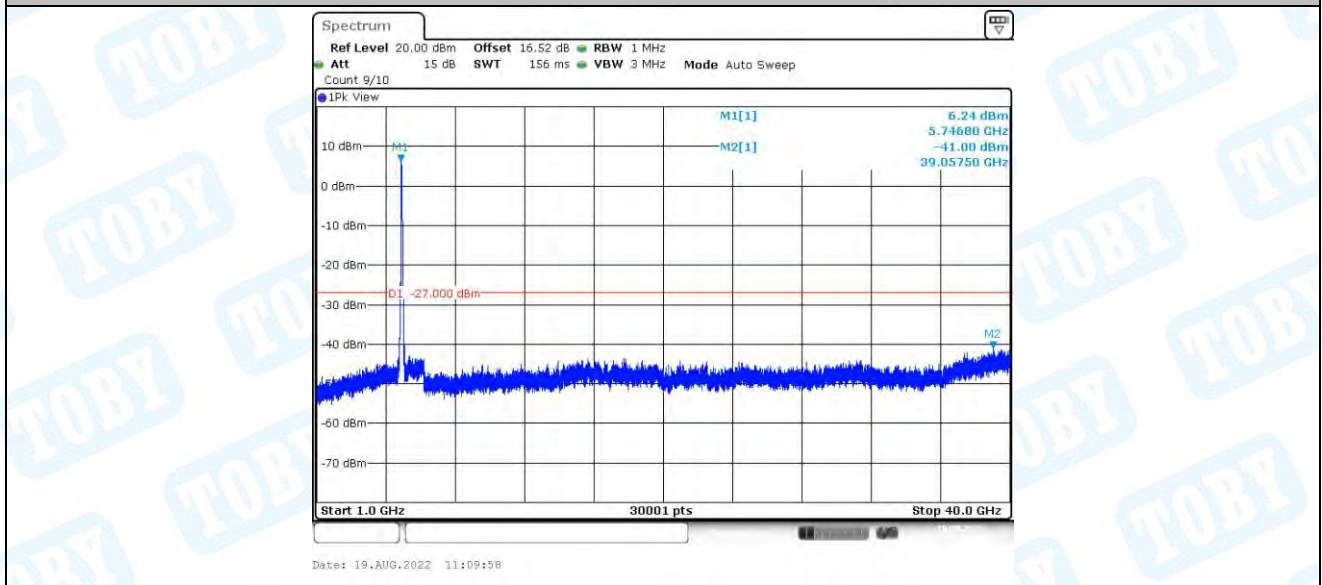
11AC80SISO_Ant1_5210_1000~40000



11AC80SISO_Ant1_5775_30~1000



11AC80SISO_Ant1_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	Ant1	5180	NV	NT	80000.00	15.444015	20	PASS
			LV	NT	80000.00	15.444015	20	PASS
			HV	NT	80000.00	15.444015	20	PASS
		5220	NV	NT	80000.00	15.325670	20	PASS
			LV	NT	100000.00	19.157088	20	PASS
			HV	NT	100000.00	19.157088	20	PASS
11AC20SIS O	Ant1	5180	NV	NT	120000.00	23.166023	20	FAIL
			LV	NT	120000.00	23.166023	20	FAIL
			HV	NT	100000.00	19.305019	20	PASS
		5220	NV	NT	120000.00	22.988506	20	FAIL
			LV	NT	120000.00	22.988506	20	FAIL
			HV	NT	120000.00	22.988506	20	FAIL
		5240	NV	NT	140000.00	26.717557	20	FAIL
			LV	NT	140000.00	26.717557	20	FAIL
			HV	NT	140000.00	26.717557	20	FAIL
		5745	NV	NT	120000.00	20.887728	20	FAIL
			LV	NT	140000.00	24.369017	20	FAIL
			HV	NT	100000.00	17.406440	20	PASS
		5785	NV	NT	120000.00	20.743302	20	FAIL
			LV	NT	120000.00	20.743302	20	FAIL
			HV	NT	120000.00	20.743302	20	FAIL
		5825	NV	NT	140000.00	24.034335	20	FAIL
			LV	NT	120000.00	20.600858	20	FAIL
			HV	NT	120000.00	20.600858	20	FAIL
11AC40SIS O	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.707129	20	PASS
		5230	NV	NT	40000.00	7.648184	20	PASS
			LV	NT	40000.00	7.648184	20	PASS
			HV	NT	80000.00	15.296367	20	PASS
		5755	NV	NT	40000.00	6.950478	20	PASS
			LV	NT	40000.00	6.950478	20	PASS
			HV	NT	40000.00	6.950478	20	PASS
		5795	NV	NT	80000.00	13.805004	20	PASS
			LV	NT	80000.00	13.805004	20	PASS
			HV	NT	80000.00	13.805004	20	PASS
11AC80SIS O	Ant1	5210	NV	NT	160000.00	30.710173	20	FAIL
			LV	NT	160000.00	30.710173	20	FAIL
			HV	NT	160000.00	30.710173	20	FAIL

		5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	13.852814	20	PASS
			HV	NT	160000.00	27.705628	20	FAIL

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	80000.00	15.444015	20	PASS
			NV	-20	80000.00	15.444015	20	PASS
			NV	-10	60000.00	11.583012	20	PASS
			NV	0	80000.00	15.444015	20	PASS
			NV	10	80000.00	15.444015	20	PASS
			NV	20	80000.00	15.444015	20	PASS
			NV	30	60000.00	11.583012	20	PASS
			NV	40	60000.00	11.583012	20	PASS
			NV	50	80000.00	15.444015	20	PASS
11AC20SIS O	Ant1	5180	NV	-30	120000.00	23.166023	20	FAIL
			NV	-20	100000.00	19.305019	20	PASS
			NV	-10	140000.00	27.027027	20	FAIL
			NV	0	120000.00	23.166023	20	FAIL
			NV	10	120000.00	23.166023	20	FAIL
			NV	20	100000.00	19.305019	20	PASS
			NV	30	120000.00	23.166023	20	FAIL
			NV	40	100000.00	19.305019	20	PASS
			NV	50	140000.00	27.027027	20	FAIL
		5220	NV	-30	120000.00	22.988506	20	FAIL
			NV	-20	120000.00	22.988506	20	FAIL
			NV	-10	120000.00	22.988506	20	FAIL
			NV	0	120000.00	22.988506	20	FAIL
			NV	10	120000.00	22.988506	20	FAIL
			NV	20	120000.00	22.988506	20	FAIL
			NV	30	120000.00	22.988506	20	FAIL
			NV	40	120000.00	22.988506	20	FAIL
			NV	50	120000.00	22.988506	20	FAIL
		5240	NV	-30	140000.00	26.717557	20	FAIL
			NV	-20	140000.00	26.717557	20	FAIL
			NV	-10	140000.00	26.717557	20	FAIL
			NV	0	140000.00	26.717557	20	FAIL
			NV	10	140000.00	26.717557	20	FAIL
			NV	20	140000.00	26.717557	20	FAIL
			NV	30	160000.00	30.534351	20	FAIL
			NV	40	140000.00	26.717557	20	FAIL
			NV	50	140000.00	26.717557	20	FAIL
		5745	NV	-30	120000.00	20.887728	20	FAIL
			NV	-20	120000.00	20.887728	20	FAIL
			NV	-10	120000.00	20.887728	20	FAIL

		5785	NV	0	120000.00	20.887728	20	FAIL
			NV	10	140000.00	24.369017	20	FAIL
			NV	20	120000.00	20.887728	20	FAIL
			NV	30	120000.00	20.887728	20	FAIL
			NV	40	120000.00	20.887728	20	FAIL
			NV	50	120000.00	20.887728	20	FAIL
			NV	-30	120000.00	20.743302	20	FAIL
			NV	-20	120000.00	20.743302	20	FAIL
			NV	-10	120000.00	20.743302	20	FAIL
			NV	0	120000.00	20.743302	20	FAIL
			NV	10	120000.00	20.743302	20	FAIL
			NV	20	120000.00	20.743302	20	FAIL
			NV	30	100000.00	17.286085	20	PASS
			NV	40	120000.00	20.743302	20	FAIL
			NV	50	120000.00	20.743302	20	FAIL
		5825	NV	-30	120000.00	20.600858	20	FAIL
			NV	-20	120000.00	20.600858	20	FAIL
			NV	-10	140000.00	24.034335	20	FAIL
			NV	0	120000.00	20.600858	20	FAIL
			NV	10	120000.00	20.600858	20	FAIL
			NV	20	120000.00	20.600858	20	FAIL
			NV	30	120000.00	20.600858	20	FAIL
			NV	40	120000.00	20.600858	20	FAIL
11AC40SIS O	Ant1	5190	NV	-30	40000.00	7.707129	20	PASS
			NV	-20	80000.00	15.414258	20	PASS
			NV	-10	40000.00	7.707129	20	PASS
			NV	0	80000.00	15.414258	20	PASS
			NV	10	80000.00	15.414258	20	PASS
			NV	20	80000.00	15.414258	20	PASS
			NV	30	40000.00	7.707129	20	PASS
			NV	40	40000.00	7.707129	20	PASS
		5230	NV	50	80000.00	15.414258	20	PASS
			NV	-30	80000.00	15.296367	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			NV	0	40000.00	7.648184	20	PASS
			NV	10	40000.00	7.648184	20	PASS
			NV	20	40000.00	7.648184	20	PASS
			NV	30	40000.00	7.648184	20	PASS
		5755	NV	40	40000.00	7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
			NV	-30	40000.00	6.950478	20	PASS
			NV	-20	40000.00	6.950478	20	PASS
			NV	-10	40000.00	6.950478	20	PASS
			NV	0	40000.00	6.950478	20	PASS
			NV	0	40000.00	6.950478	20	PASS
			NV	0	40000.00	6.950478	20	PASS

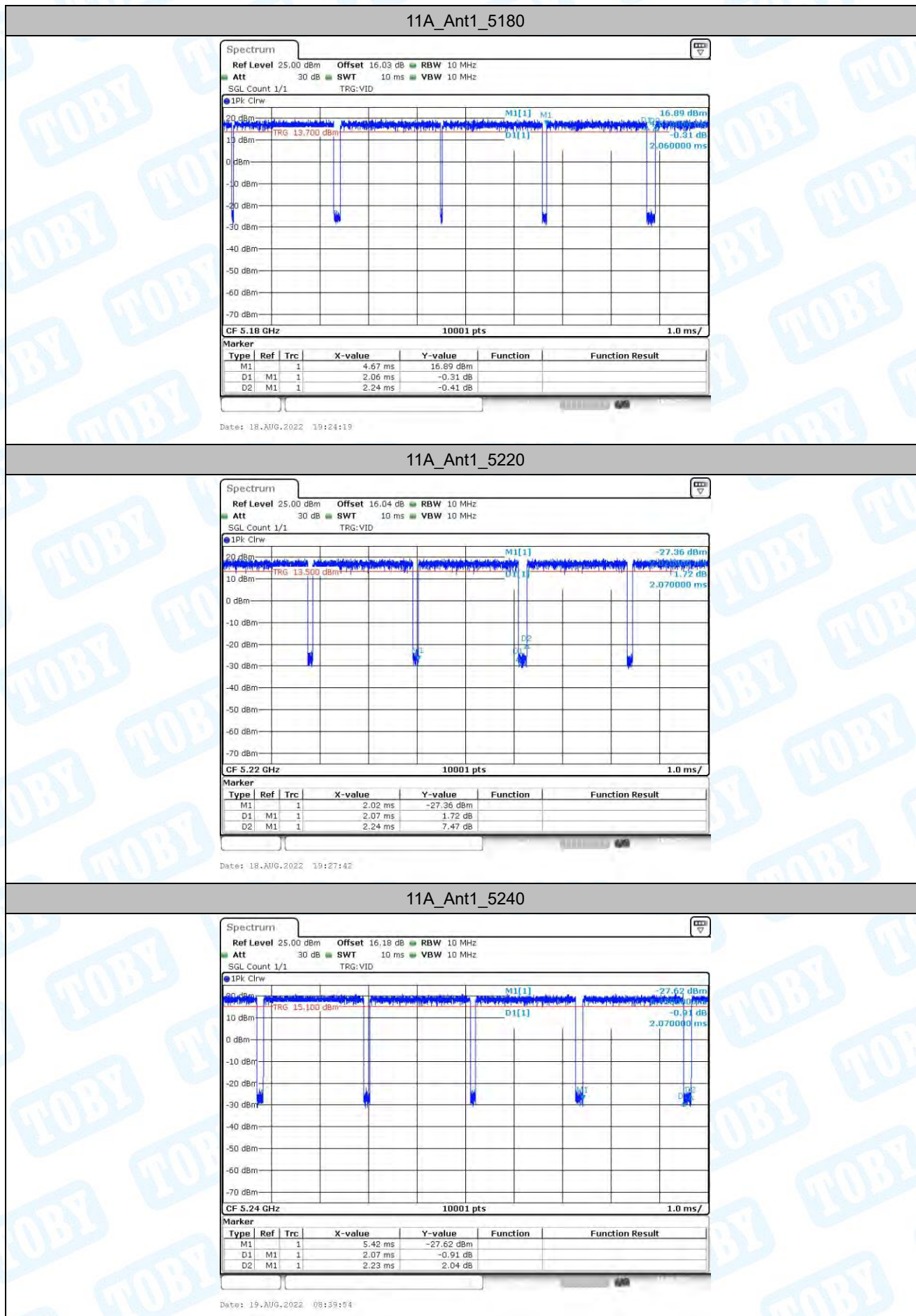
			NV	10	40000.00	6.950478	20	PASS
			NV	20	80000.00	13.900956	20	PASS
			NV	30	80000.00	13.900956	20	PASS
			NV	40	80000.00	13.900956	20	PASS
			NV	50	80000.00	13.900956	20	PASS
		5795	NV	-30	80000.00	13.805004	20	PASS
			NV	-20	80000.00	13.805004	20	PASS
			NV	-10	80000.00	13.805004	20	PASS
			NV	0	80000.00	13.805004	20	PASS
			NV	10	80000.00	13.805004	20	PASS
			NV	20	80000.00	13.805004	20	PASS
			NV	30	80000.00	13.805004	20	PASS
			NV	40	80000.00	13.805004	20	PASS
			NV	50	80000.00	13.805004	20	PASS
11AC80SIS O	Ant1	5210	NV	-30	160000.00	30.710173	20	FAIL
			NV	-20	80000.00	15.355086	20	PASS
			NV	-10	160000.00	30.710173	20	FAIL
			NV	0	160000.00	30.710173	20	FAIL
			NV	10	160000.00	30.710173	20	FAIL
			NV	20	160000.00	30.710173	20	FAIL
			NV	30	160000.00	30.710173	20	FAIL
			NV	40	80000.00	15.355086	20	PASS
			NV	50	160000.00	30.710173	20	FAIL
		5775	NV	-30	80000.00	13.852814	20	PASS
			NV	-20	80000.00	13.852814	20	PASS
			NV	-10	80000.00	13.852814	20	PASS
			NV	0	160000.00	27.705628	20	FAIL
			NV	10	80000.00	13.852814	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	160000.00	27.705628	20	FAIL
			NV	40	0.00	0.000000	20	PASS
			NV	50	80000.00	13.852814	20	PASS

10. Duty Cycle

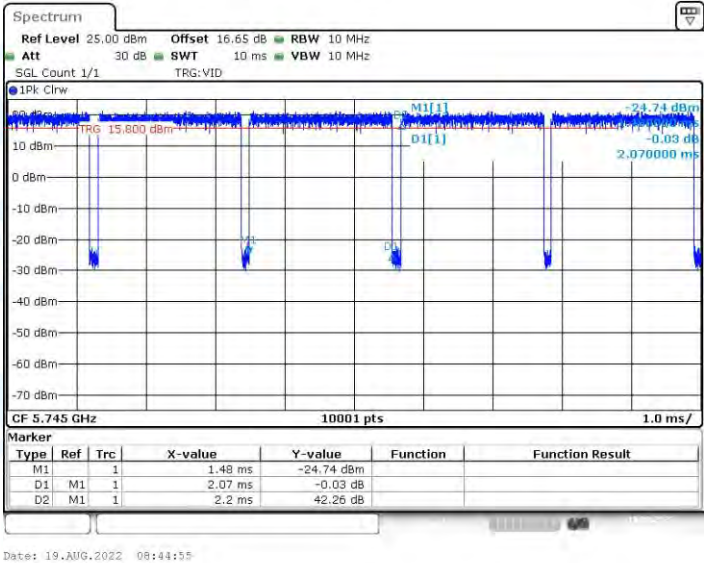
10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T KhZ	Verdict
11A	Ant1	5180	2.06	2.24	91.96	0.485	---
		5220	2.07	2.24	92.41	0.483	---
		5240	2.07	2.23	92.83	0.483	---
		5745	2.07	2.20	94.09	0.483	---
		5785	2.06	2.23	92.38	0.485	---
		5825	2.06	2.21	93.21	0.485	---
11N20SISO	Ant1	5180	1.92	2.09	91.87	0.521	---
		5220	1.92	2.05	93.66	0.521	---
		5240	1.92	2.06	93.20	0.521	---
		5745	1.92	2.11	91.00	0.521	---
		5785	1.92	2.08	92.31	0.521	---
		5825	1.92	2.09	91.87	0.521	---
11N40SISO	Ant1	5190	0.94	1.12	83.93	1.054	---
		5230	0.95	1.41	67.38	1.053	---
		5755	0.94	1.48	63.51	1.064	---
		5795	0.94	1.10	85.45	1.064	---
11AC20SISO	Ant1	5180	1.93	2.11	91.47	0.518	---
		5220	1.93	2.10	91.90	0.518	---
		5240	1.93	2.06	93.69	0.518	---
		5745	1.94	2.09	92.82	0.515	---
		5785	1.93	2.04	94.61	0.518	---
		5825	1.93	2.07	93.24	0.518	---
11AC40SISO	Ant1	5190	0.95	1.09	87.16	0.917	---
		5230	0.96	1.12	85.71	1.052	---
		5755	0.95	1.13	84.07	1.052	---
		5795	0.95	1.12	84.82	1.052	---
11AC80SISO	Ant1	5210	0.46	0.63	73.02	0.174	---
		5775	0.46	0.63	73.02	0.174	---

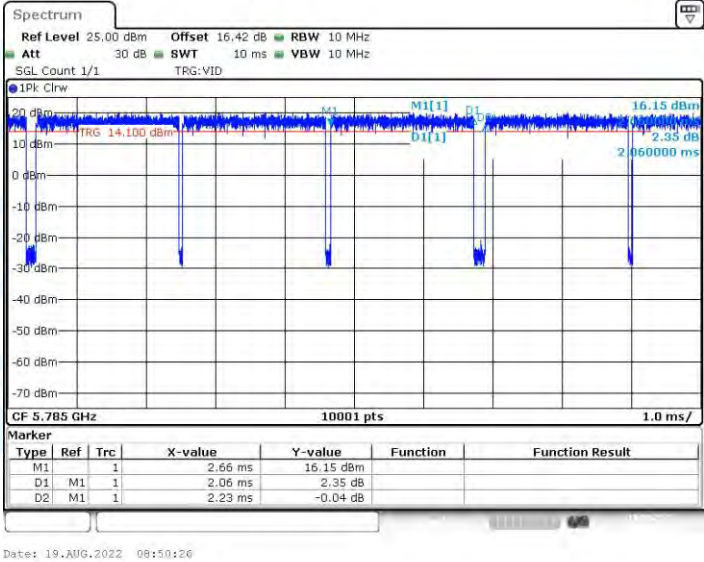
10.2.Test Graphs



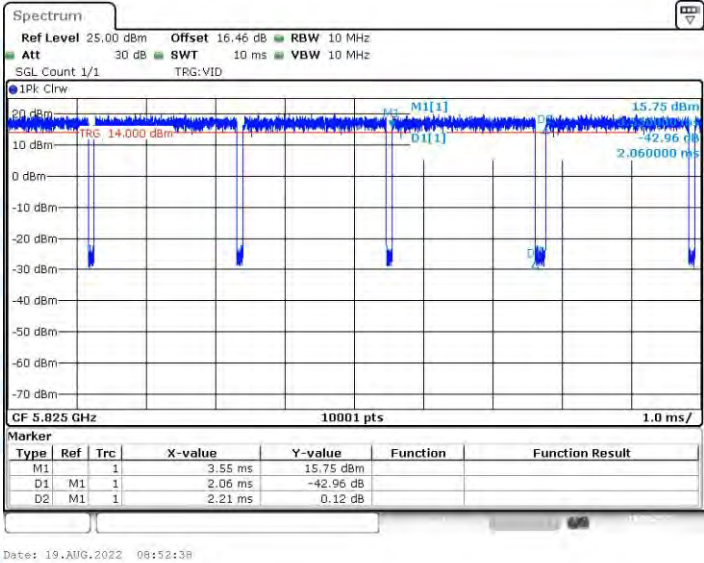
11A_Ant1_5745



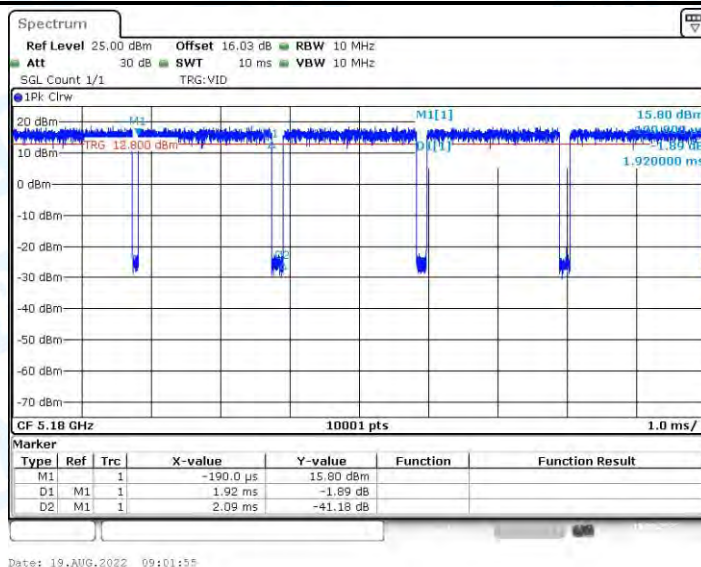
11A_Ant1_5785



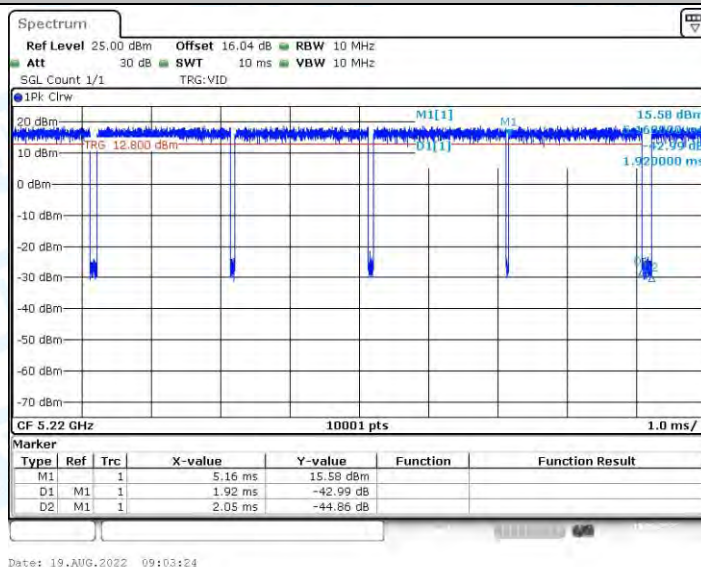
11A_Ant1_5825



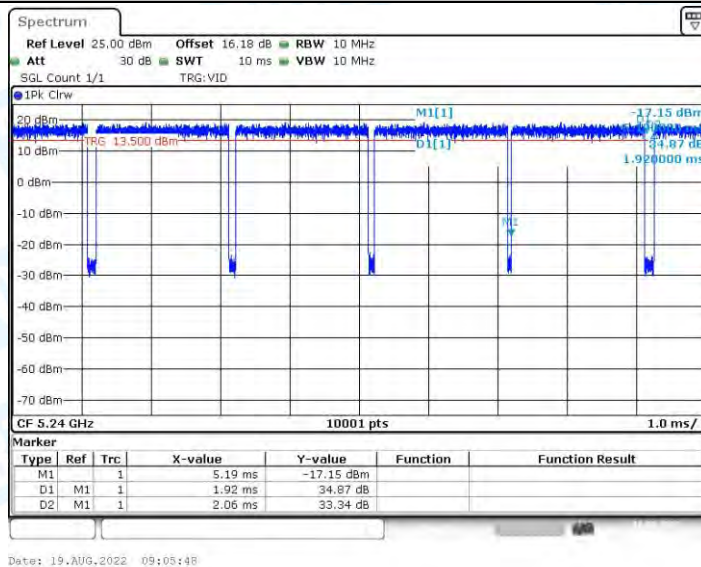
11N20SISO_Ant1_5180



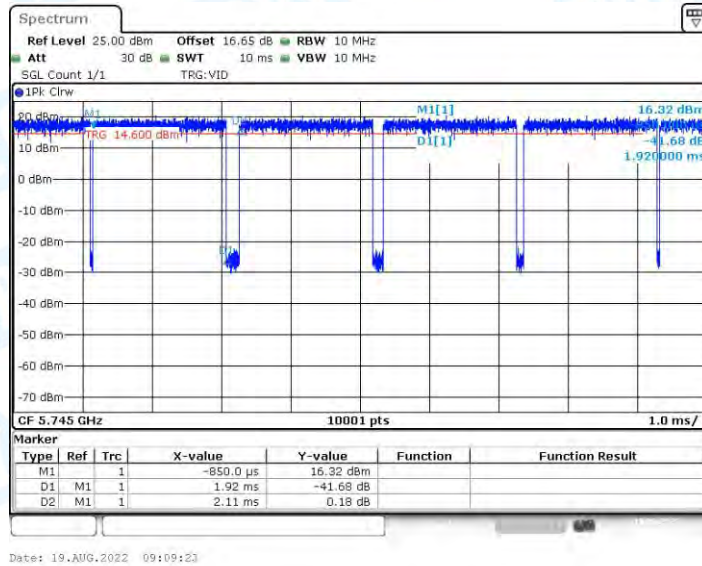
11N20SISO_Ant1_5220



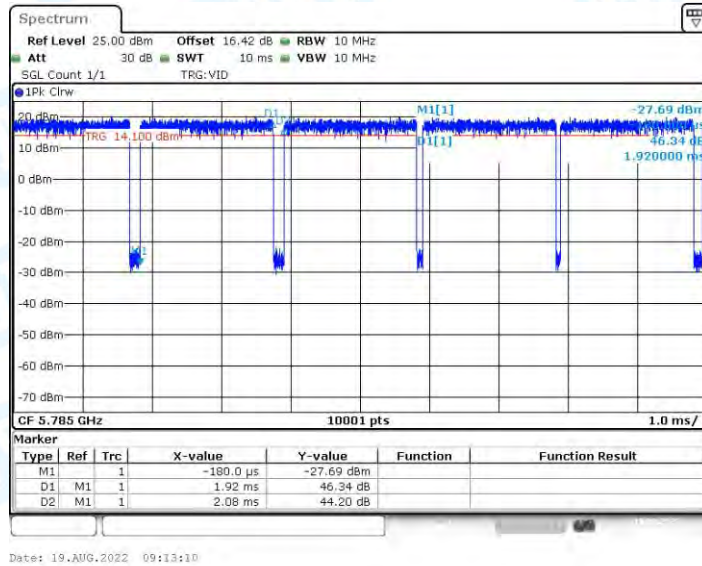
11N20SISO_Ant1_5240



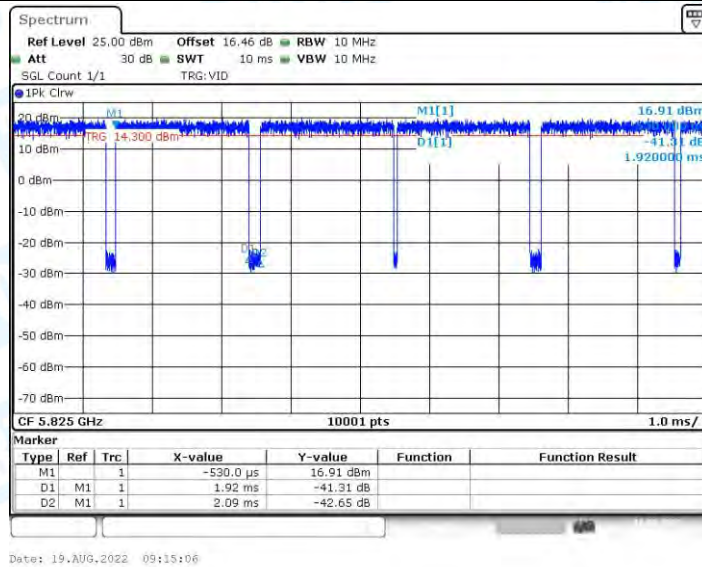
11N20SISO_Ant1_5745



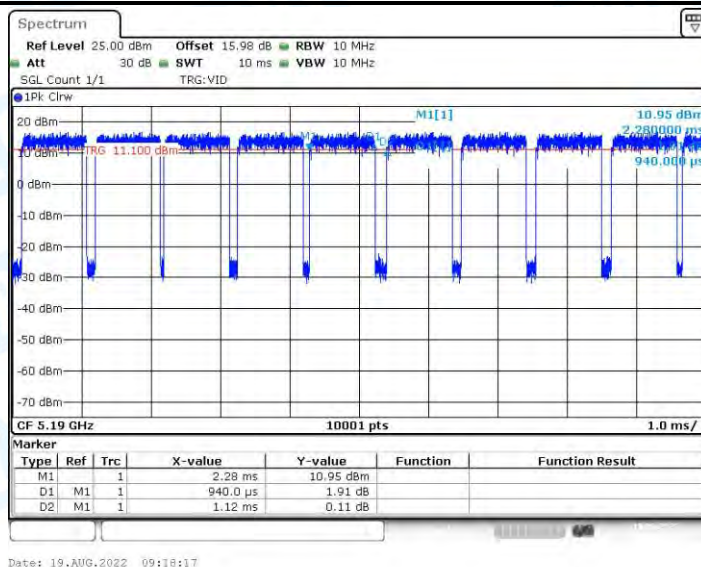
11N20SISO_Ant1_5785



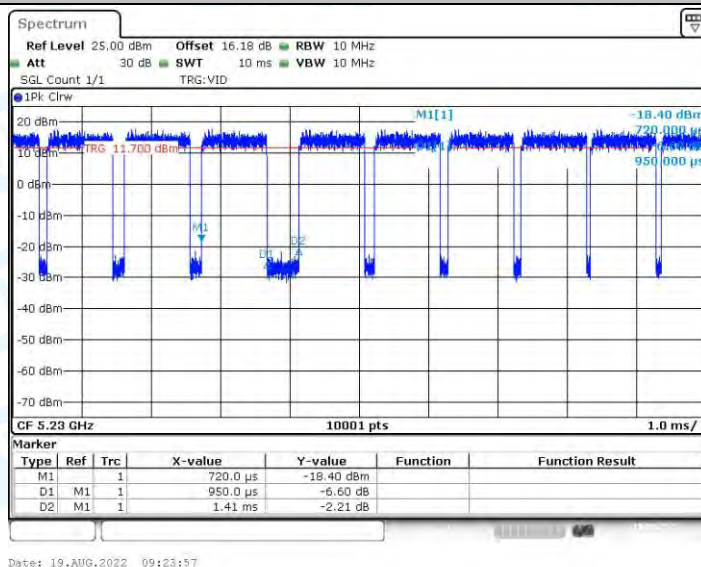
11N20SISO_Ant1_5825



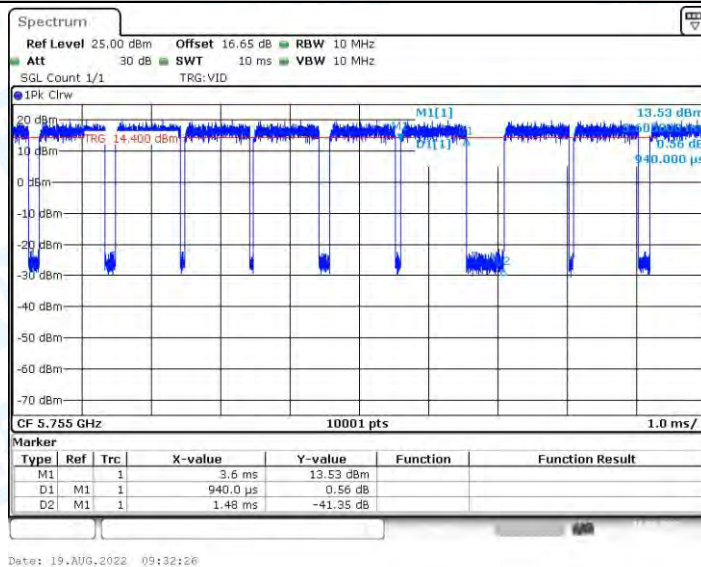
11N40SISO_Ant1_5190



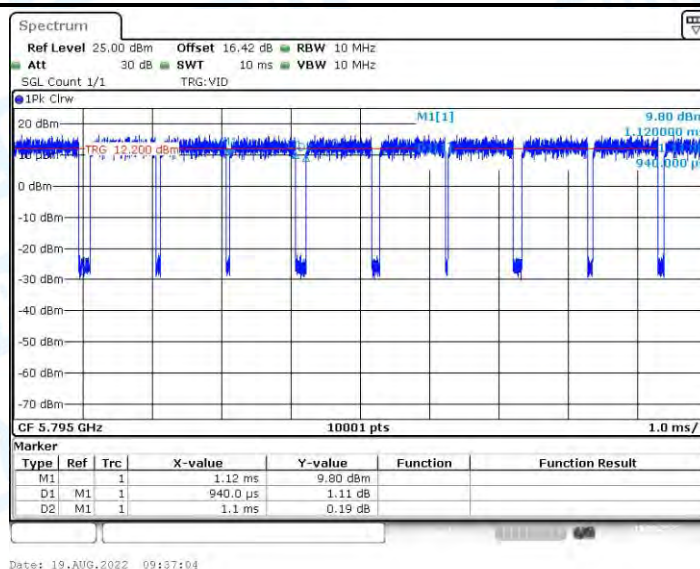
11N40SISO_Ant1_5230



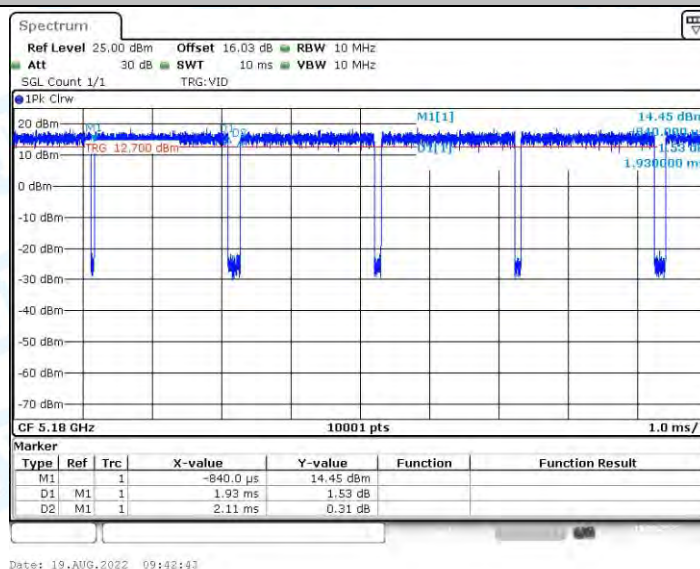
11N40SISO_Ant1_5755



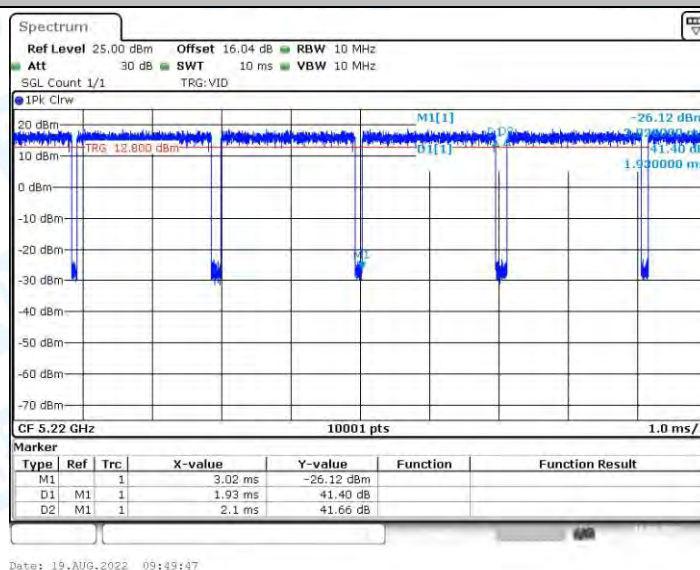
11N40SISO_Ant1_5795



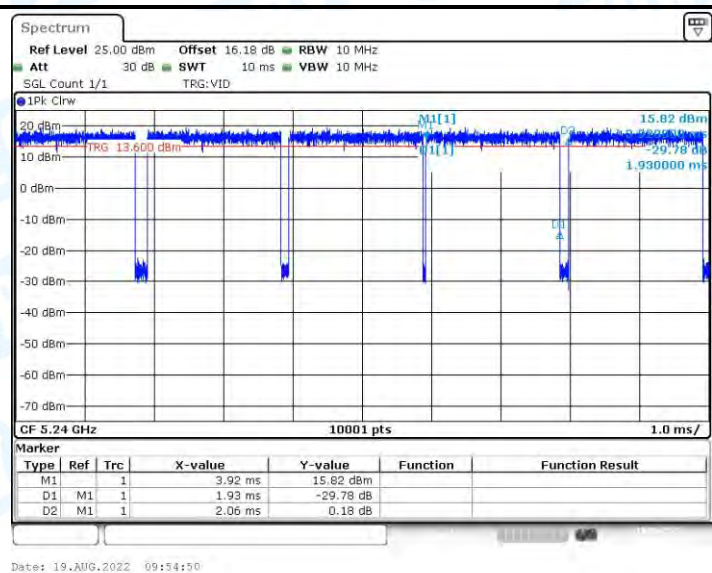
11AC20SISO_Ant1_5180



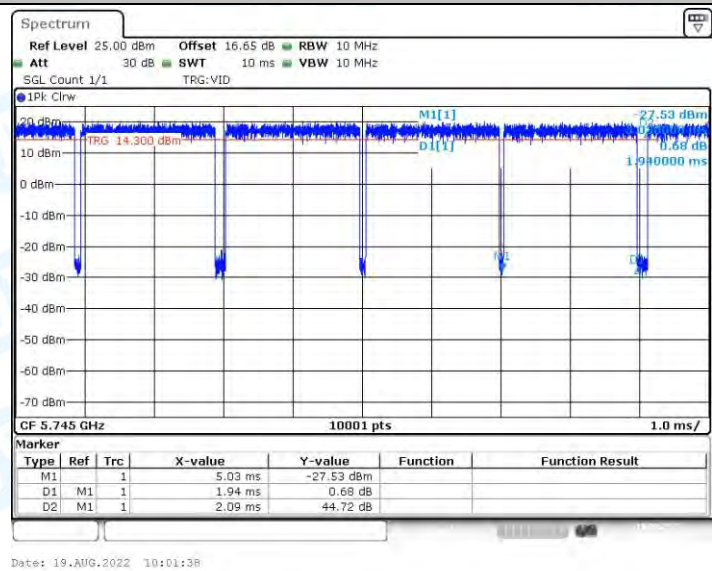
11AC20SISO_Ant1_5220



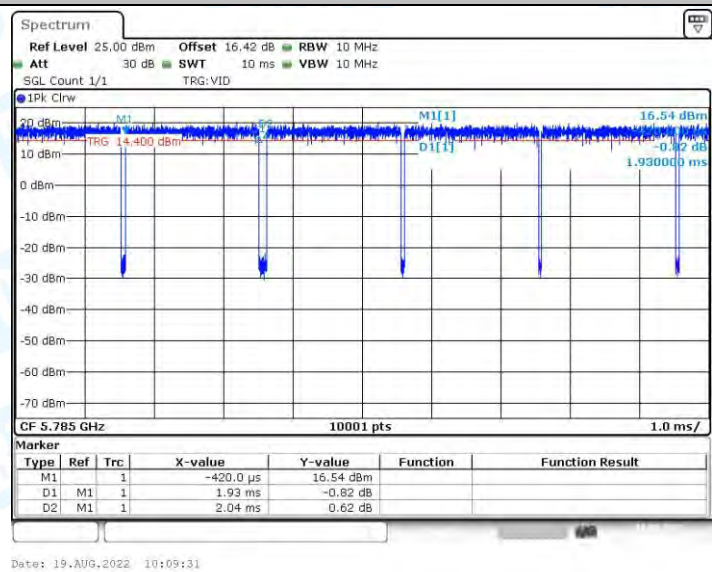
11AC20SISO_Ant1_5240



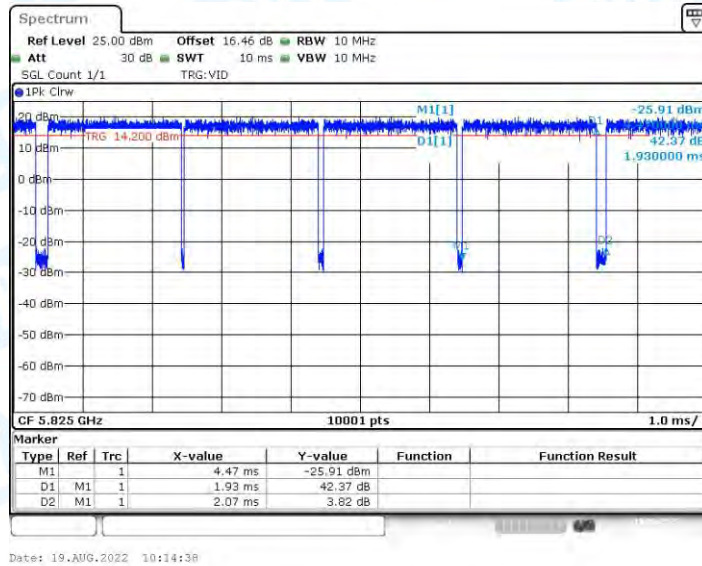
11AC20SISO_Ant1_5745



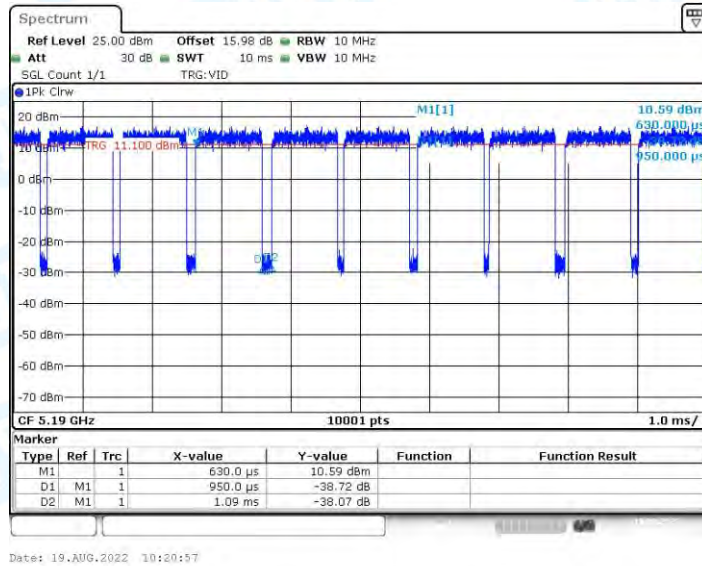
11AC20SISO_Ant1_5785



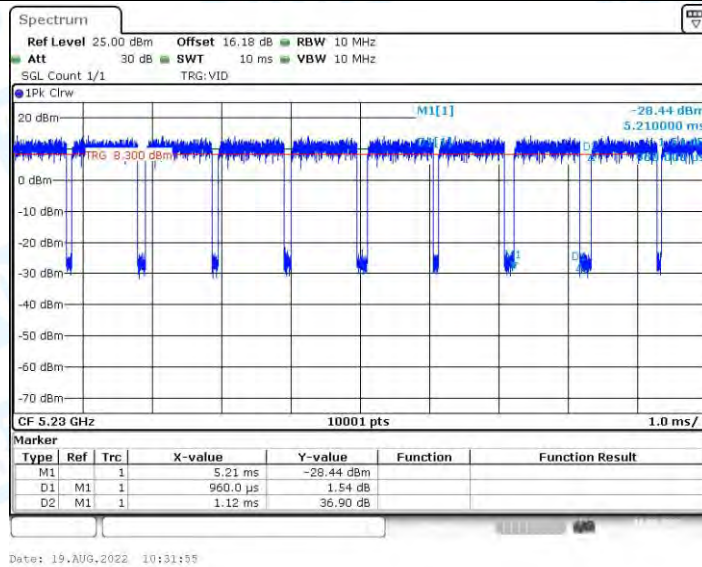
11AC20SISO_Ant1_5825



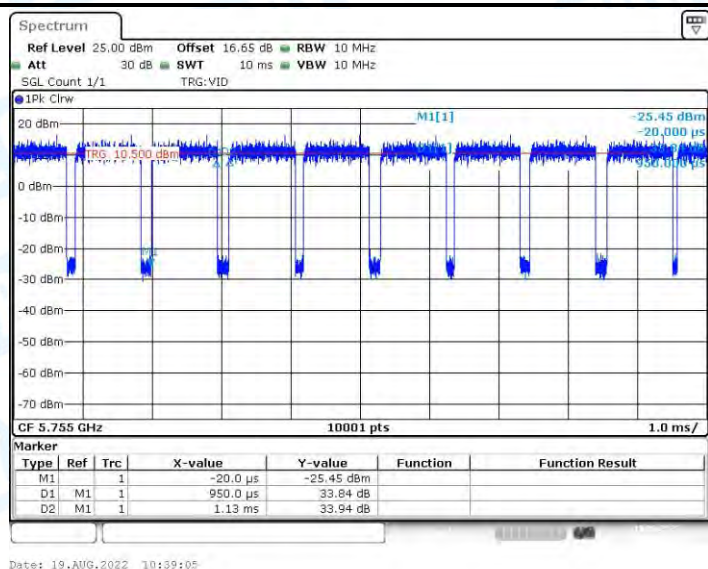
11AC40SISO_Ant1_5190



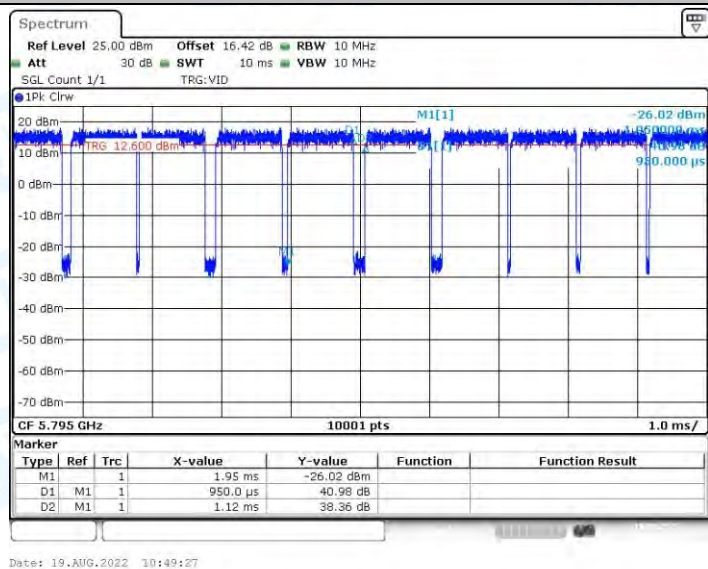
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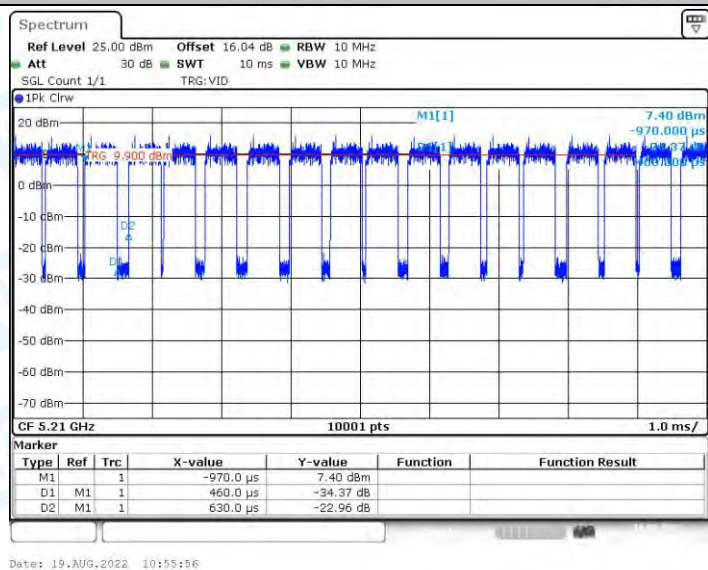
11AC40SISO_Ant1_5755



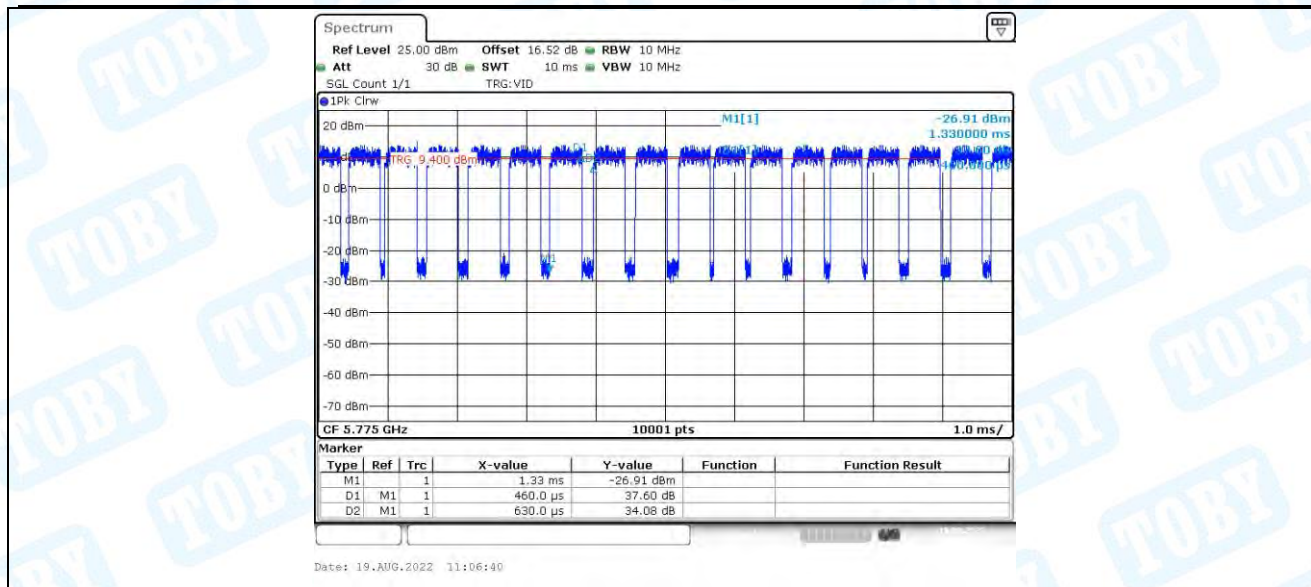
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



-----End of the report-----