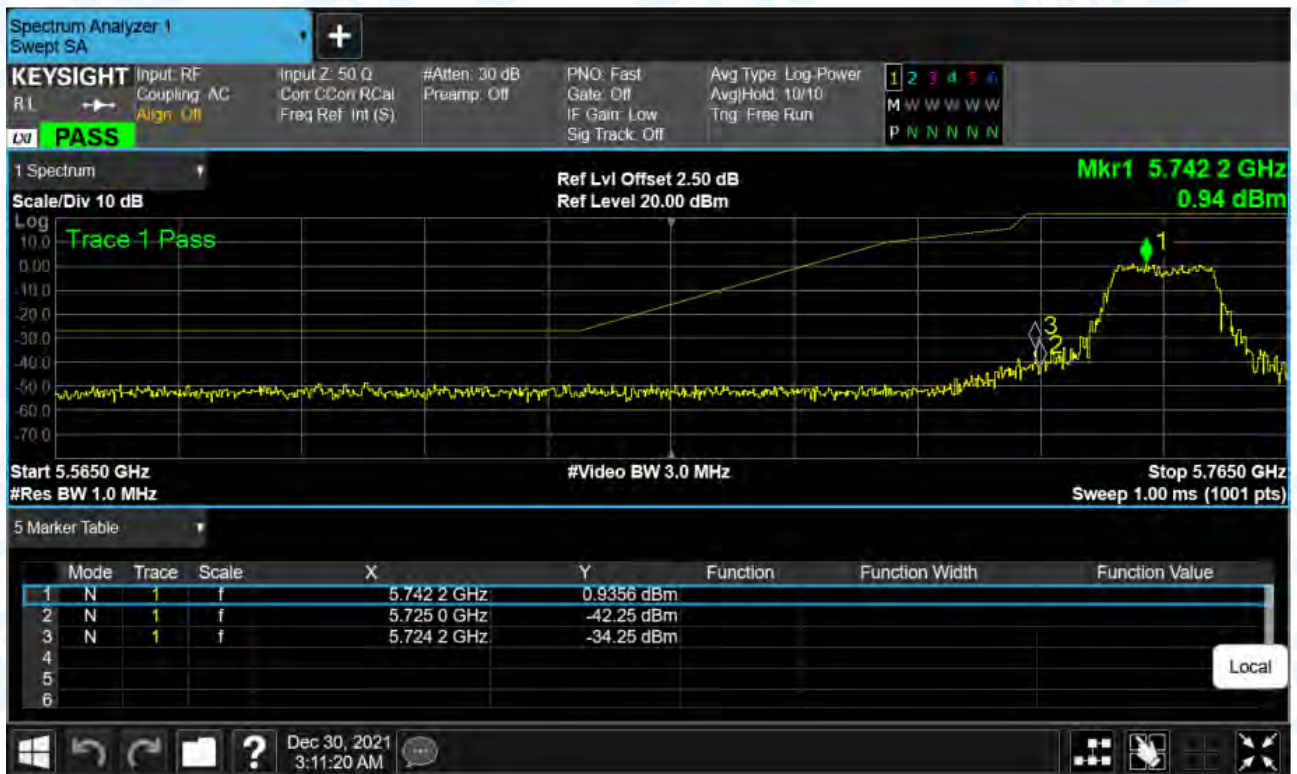


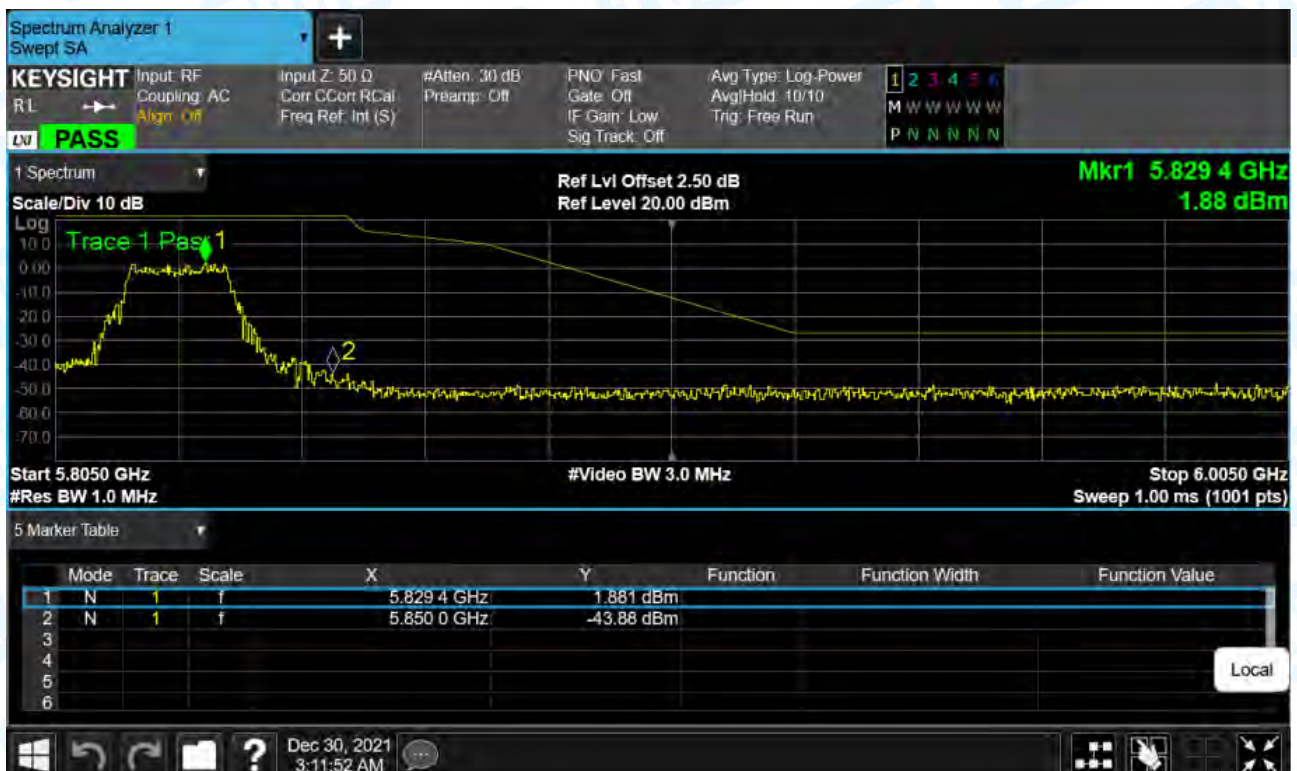
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-34.25	----	Pass
NVNT	a	5825	Ant1	-43.88	----	Pass
NVNT	ac(VHT20)	5745	Ant1	-35.12	----	Pass
NVNT	ac(VHT20)	5825	Ant1	-41.9	----	Pass
NVNT	ac(VHT40)	5755	Ant1	-34.92	----	Pass
NVNT	ac(VHT40)	5795	Ant1	-48.32	----	Pass
NVNT	ac(VHT80)	5775	Ant1	-34.54	----	Pass
NVNT	n(HT20)	5745	Ant1	-36.91	----	Pass
NVNT	n(HT20)	5825	Ant1	-42.82	----	Pass
NVNT	n(HT40)	5755	Ant1	-32.91	----	Pass
NVNT	n(HT40)	5795	Ant1	-47.01	----	Pass

Test Graphs

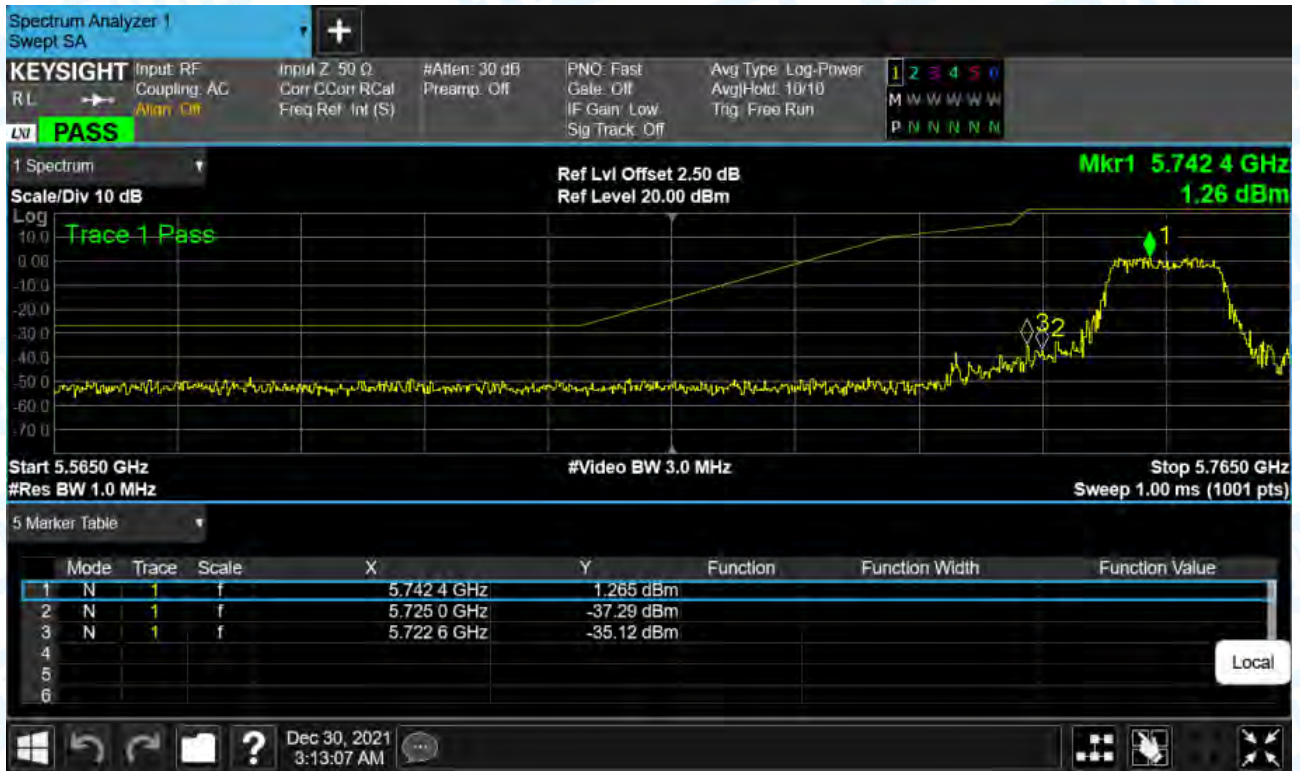
Band Edge NVNT a 5745MHz Low Ant1



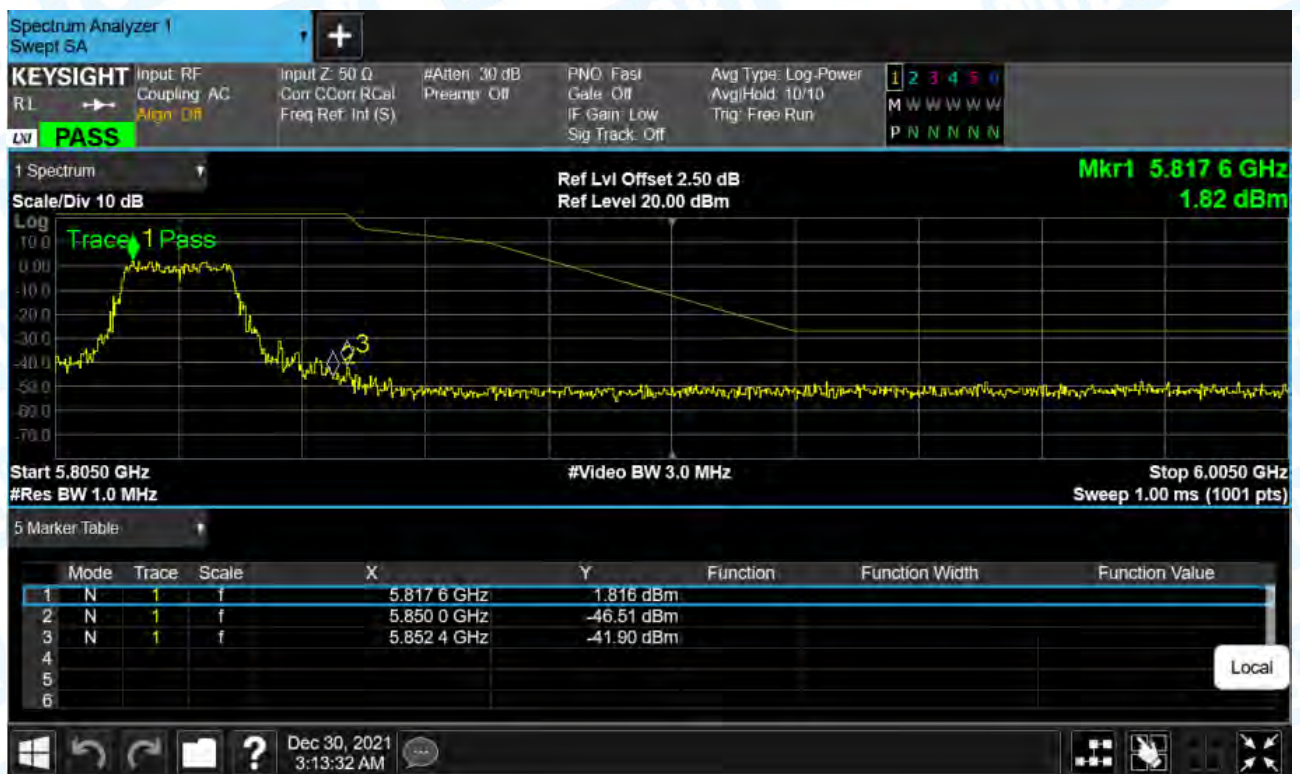
Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT ac(VHT20) 5745MHz Low Ant1



Band Edge NVNT ac(VHT20) 5825MHz High Ant1



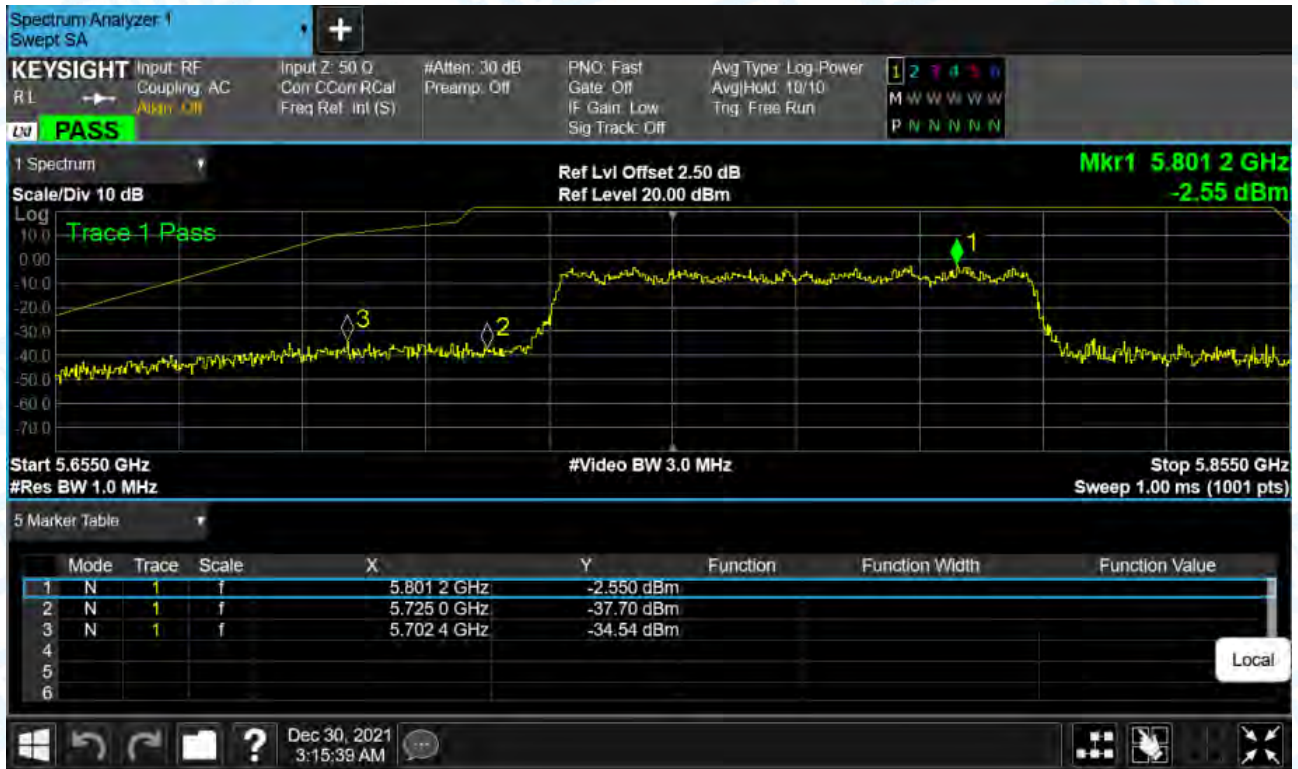
Band Edge NVNT ac(VHT40) 5755MHz Low Ant1



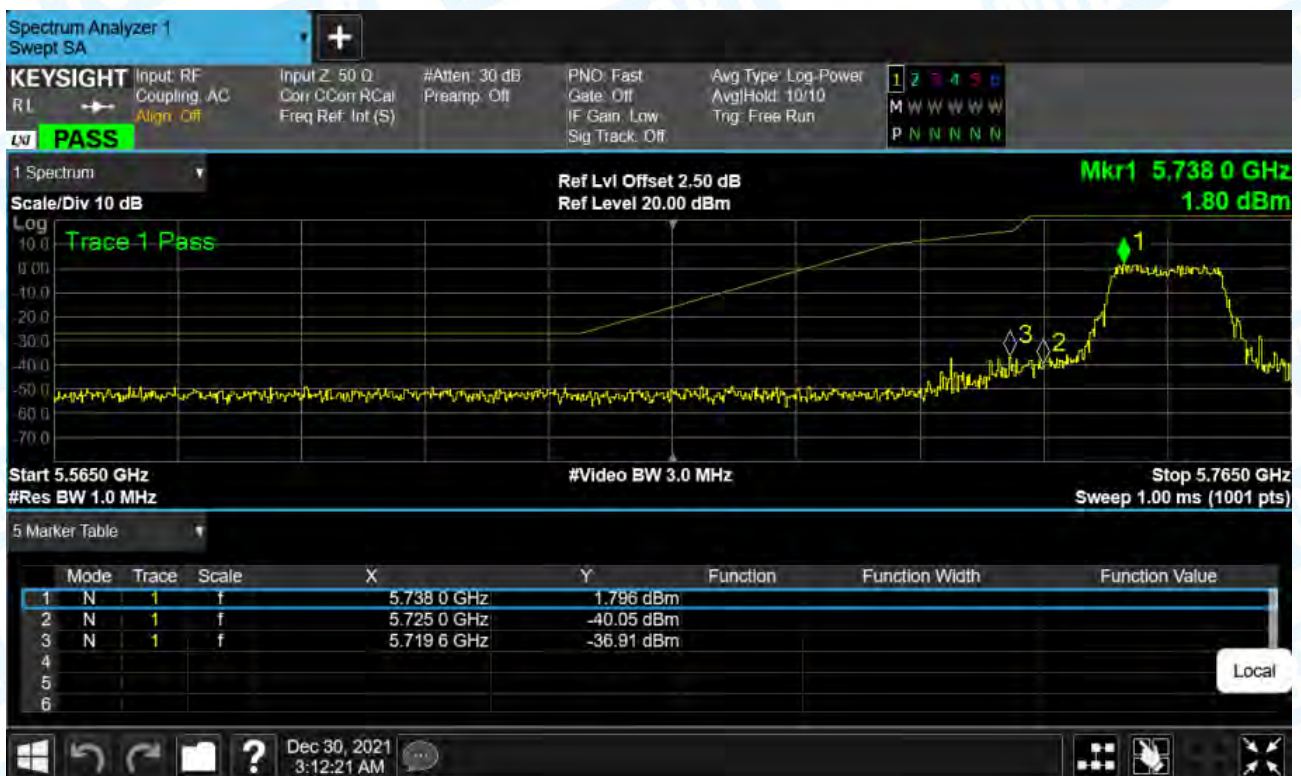
Band Edge NVNT ac(VHT40) 5795MHz High Ant1



Band Edge NVNT ac(VHT80) 5775MHz Low Ant1



Band Edge NVNT n(HT20) 5745MHz Low Ant1



Band Edge NVNT n(HT20) 5825MHz High Ant1



Band Edge NVNT n(HT40) 5755MHz Low Ant1



Band Edge NVNT n(HT40) 5795MHz High Ant1



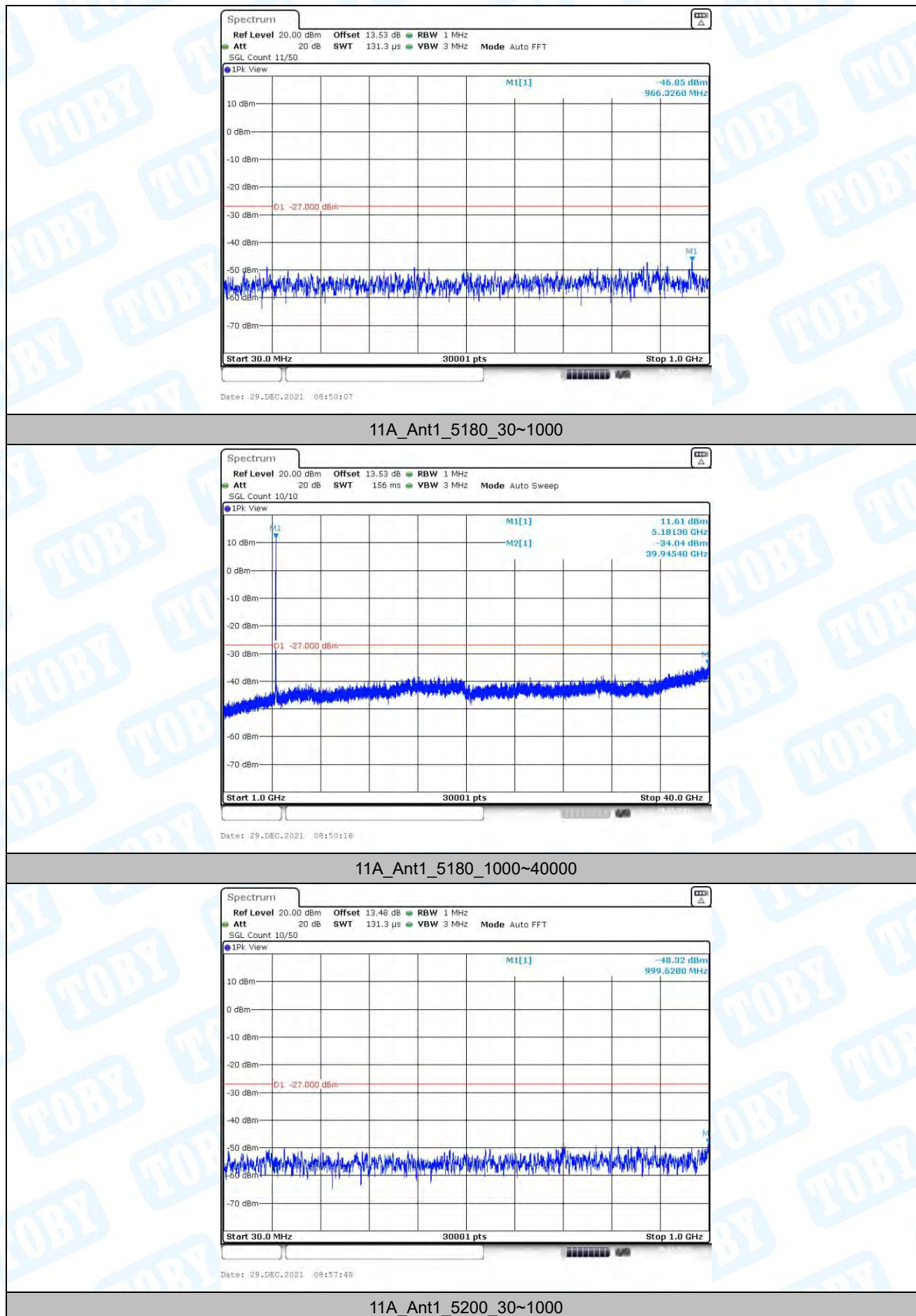
7. Conducted Spurious Emission

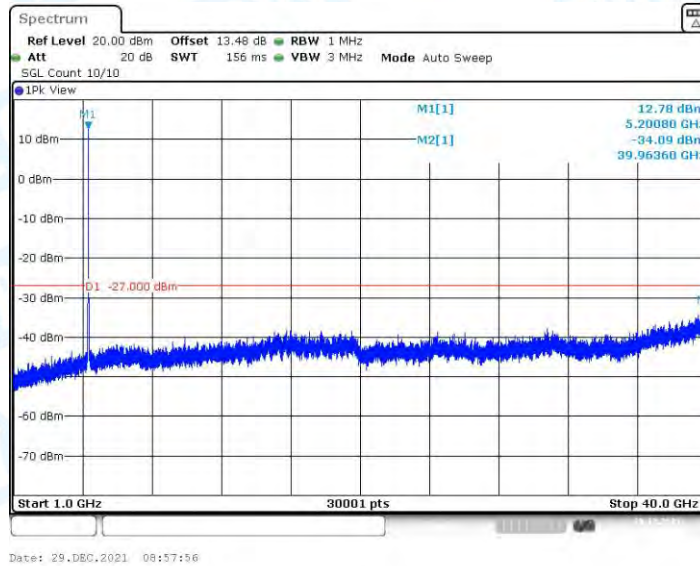
7.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	966.33	-46.85	≤-27	PASS
			1000~40000	39945.4	-34.04	≤-27	PASS
		5200	30~1000	999.63	-48.32	≤-27	PASS
			1000~40000	39963.6	-34.09	≤-27	PASS
		5240	30~1000	861.7	-48.23	≤-27	PASS
			1000~40000	39967.5	-33.04	≤-27	PASS
		5745	30~1000	861.34	-48.73	≤-27	PASS
			1000~40000	39924.6	-33.16	≤-27	PASS
		5785	30~1000	708.54	-45.54	≤-27	PASS
			1000~40000	5869.8	-33.62	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	511.48	-48.13	≤-27	PASS
			1000~40000	39987	-33.11	≤-27	PASS
		5200	30~1000	997.95	-47.06	≤-27	PASS
			1000~40000	39961	-34.63	≤-27	PASS
		5240	30~1000	885.98	-48.17	≤-27	PASS
			1000~40000	39446.2	-34.1	≤-27	PASS
		5745	30~1000	888.11	-48.23	≤-27	PASS
			1000~40000	5862	-29.82	≤-27	PASS
		5785	30~1000	511.64	-48.45	≤-27	PASS
			1000~40000	5865.9	-29.18	≤-27	PASS
11N40SISO	Ant1	5190	30~1000	985.11	-47.12	≤-27	PASS
			1000~40000	39984.4	-33.42	≤-27	PASS
		5230	30~1000	893.16	-48.09	≤-27	PASS
			1000~40000	39672.4	-33.94	≤-27	PASS
		5755	30~1000	890.96	-48.07	≤-27	PASS
			1000~40000	39962.3	-33.56	≤-27	PASS
		5795	30~1000	864.12	-49.1	≤-27	PASS
			1000~40000	5936.1	-32.26	≤-27	PASS
11AC20SISO	Ant1	5180	30~1000	969.04	-47.62	≤-27	PASS
			1000~40000	39998.7	-33.09	≤-27	PASS
		5200	30~1000	994.88	-49.03	≤-27	PASS
			1000~40000	39568.4	-35.08	≤-27	PASS
		5240	30~1000	715.88	-49.02	≤-27	PASS
			1000~40000	39970.1	-34.33	≤-27	PASS
		5745	30~1000	930.34	-47.57	≤-27	PASS
			1000~40000	5834.7	-32.83	≤-27	PASS

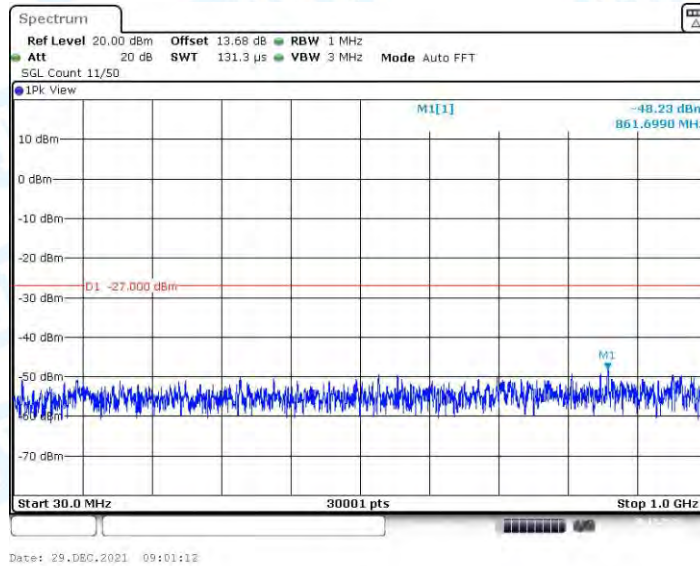
		5785	30~1000	863.28	-48.18	≤ -27	PASS
			1000~40000	39988.3	-33.29	≤ -27	PASS
		5825	30~1000	705.66	-48.71	≤ -27	PASS
			1000~40000	5906.2	-31.88	≤ -27	PASS
11AC40SISO	Ant1	5190	30~1000	705.44	-49.13	≤ -27	PASS
			1000~40000	39950.6	-34.27	≤ -27	PASS
		5230	30~1000	863.8	-47.03	≤ -27	PASS
			1000~40000	39719.2	-34.44	≤ -27	PASS
		5755	30~1000	706.15	-46.87	≤ -27	PASS
			1000~40000	39996.1	-33.74	≤ -27	PASS
		5795	30~1000	888.05	-47.88	≤ -27	PASS
			1000~40000	5950.4	-31.88	≤ -27	PASS
11AC80SISO	Ant1	5210	30~1000	961.44	-48.67	≤ -27	PASS
			1000~40000	39941.5	-34.46	≤ -27	PASS
		5775	30~1000	577.24	-48.41	≤ -27	PASS
			1000~40000	39487.8	-33.47	≤ -27	PASS

7.2. Test Graphs

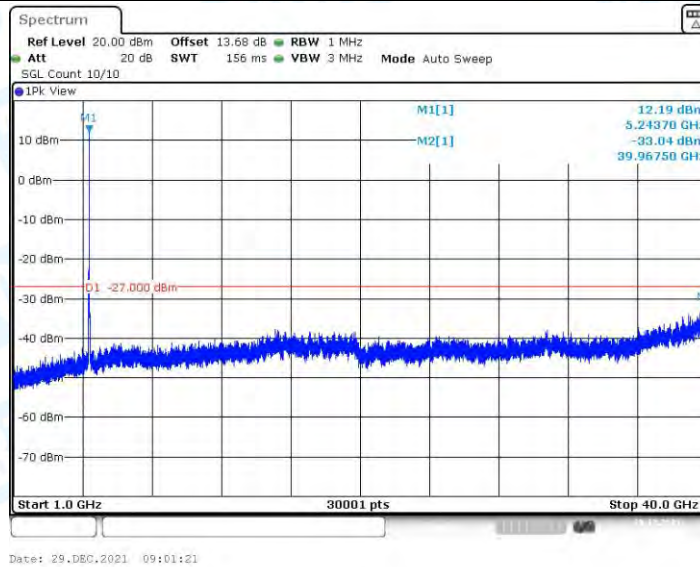




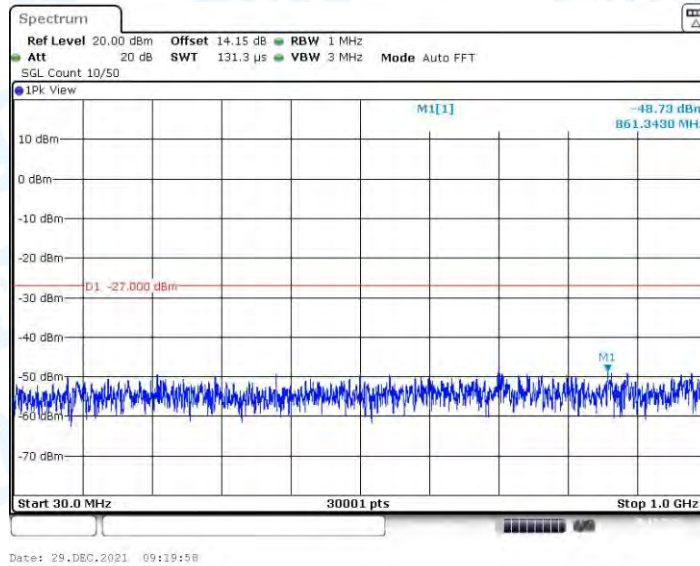
11A_Ant1_5200_1000~40000



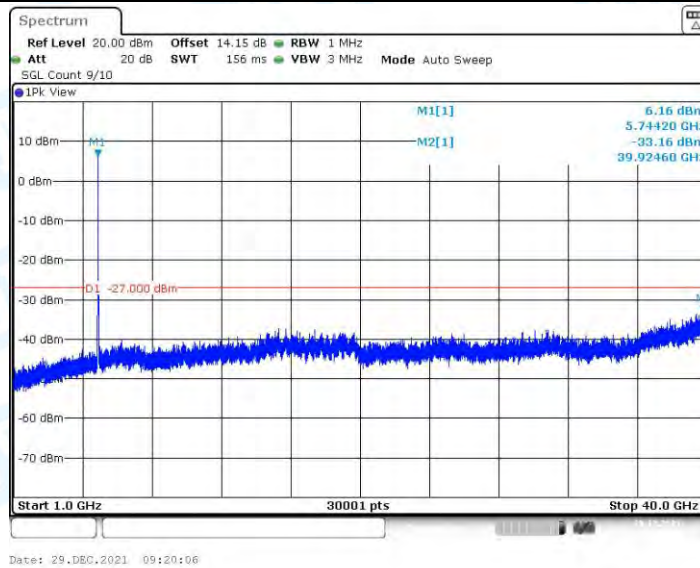
11A_Ant1_5240_30~1000



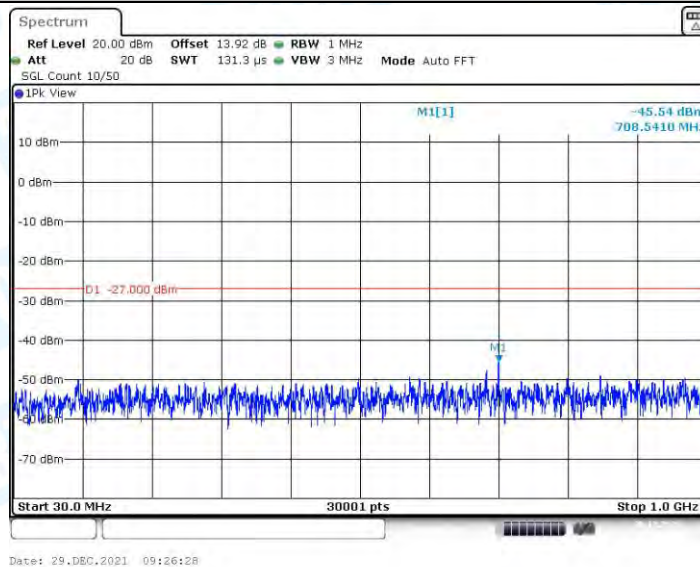
11A_Ant1_5240_1000~40000



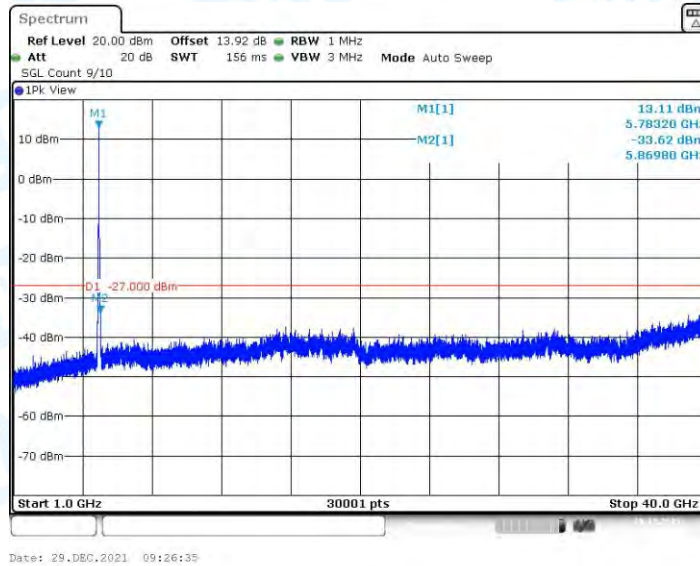
11A_Ant1_5745_30~1000



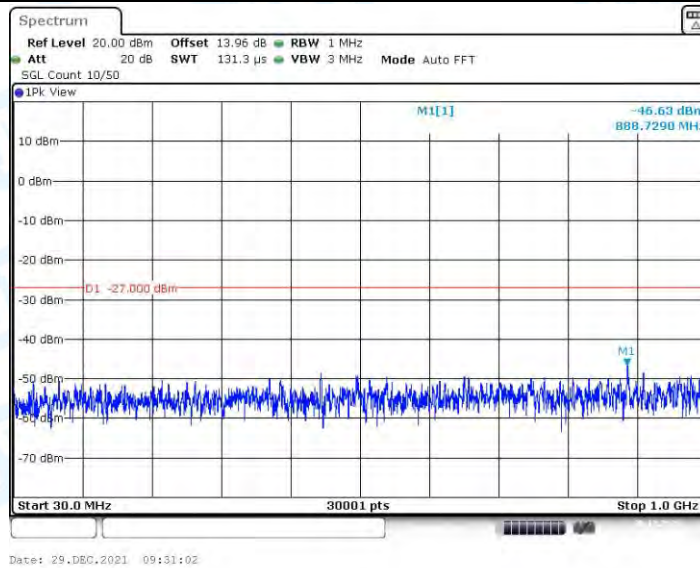
11A_Ant1_5745_1000~40000



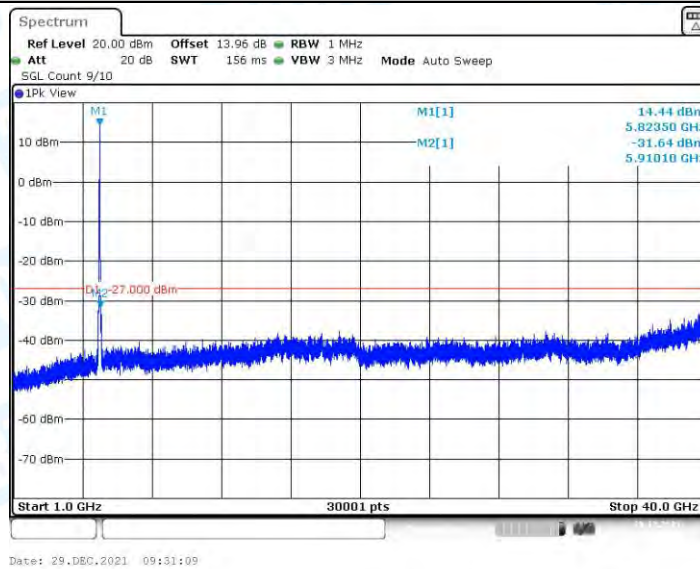
11A_Ant1_5785_30~1000



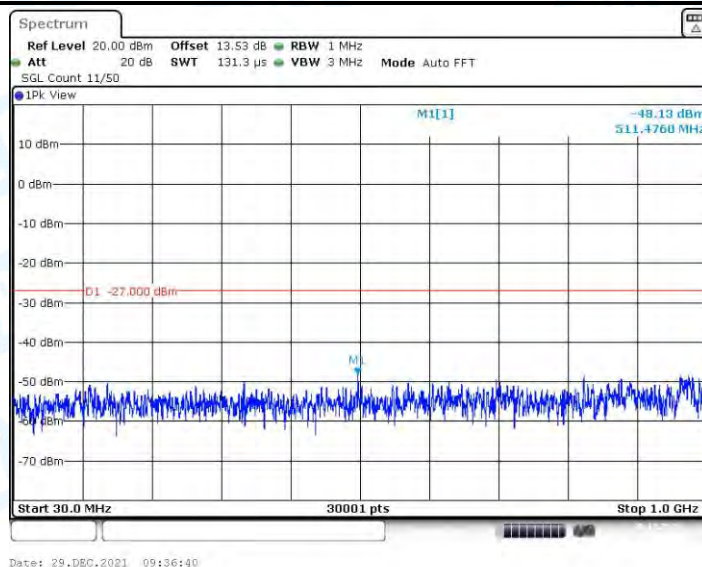
11A_Ant1_5785_1000~40000



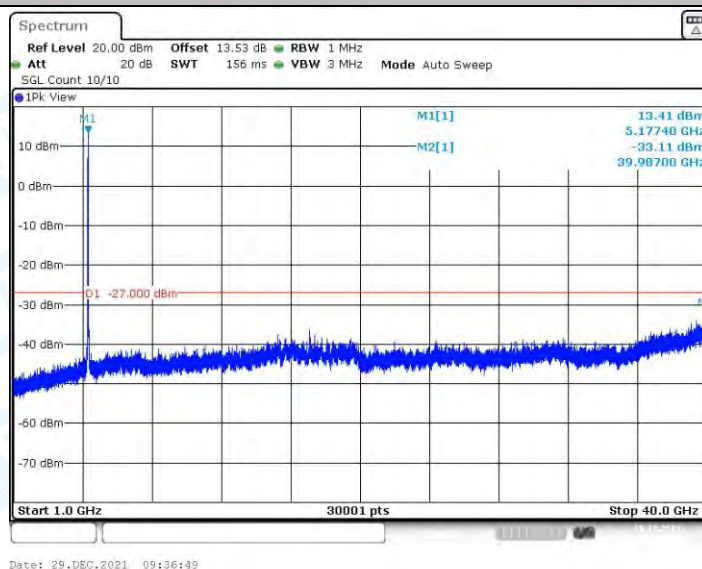
11A_Ant1_5825_30~1000



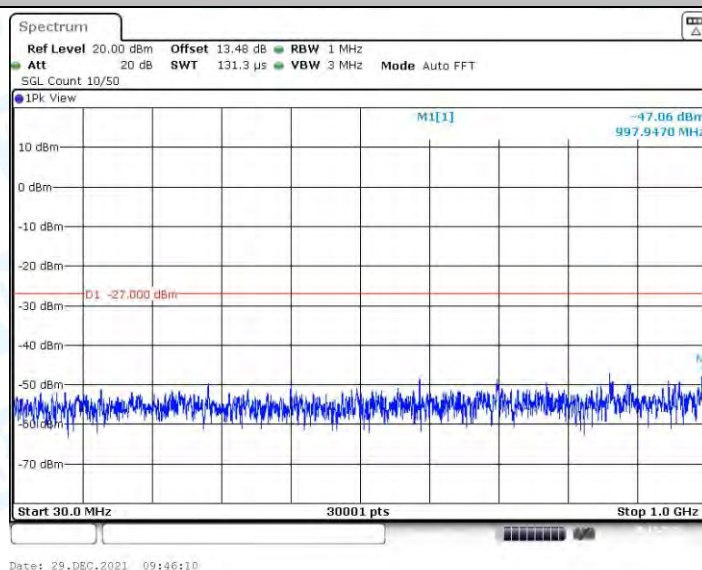
11A_Ant1_5825_1000~40000



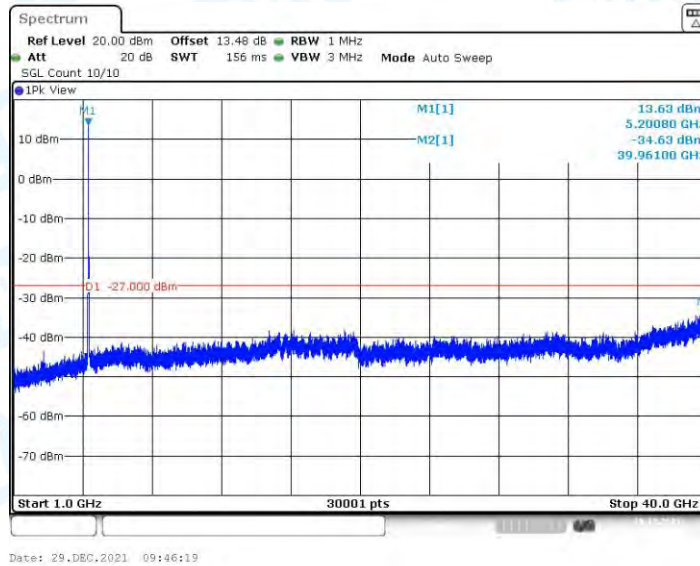
11N20SISO_Ant1_5180_30~1000



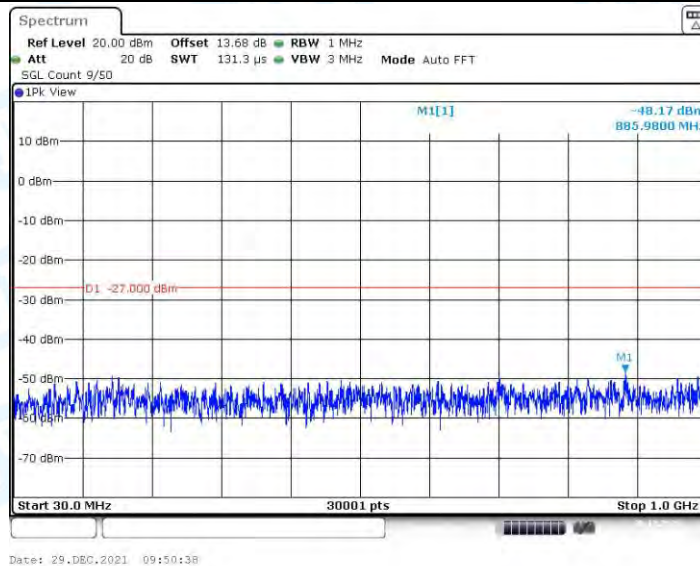
11N20SISO_Ant1_5180_1000~40000



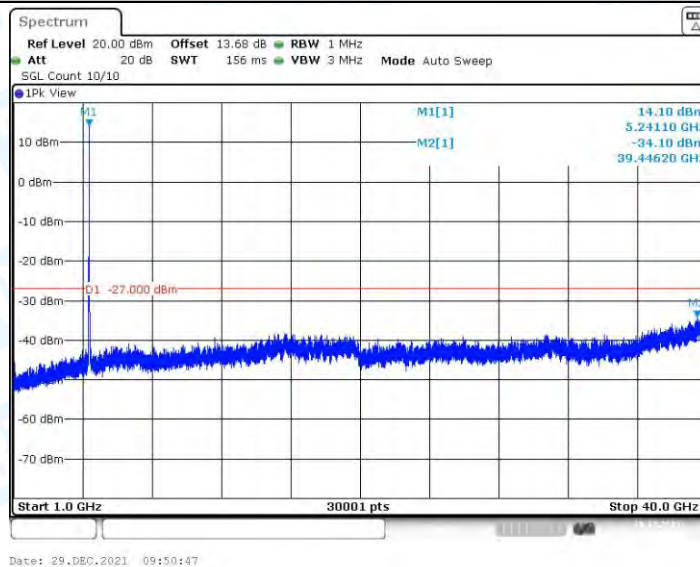
11N20SISO_Ant1_5200_30~1000



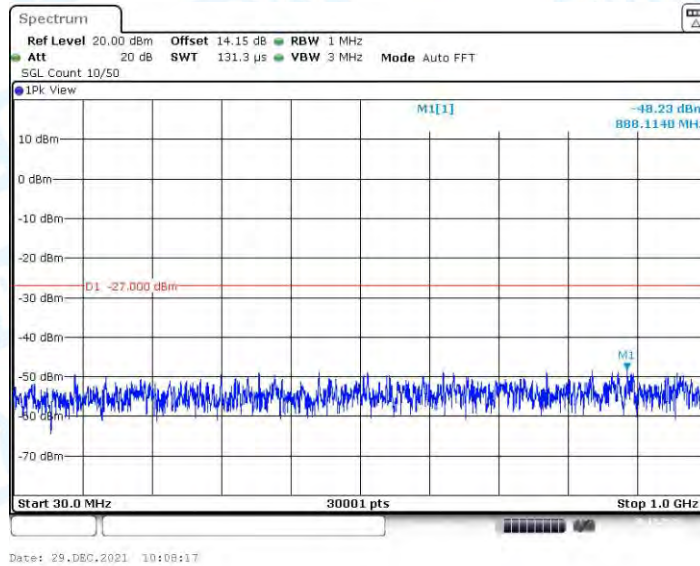
11N20SISO_Ant1_5200_1000~40000



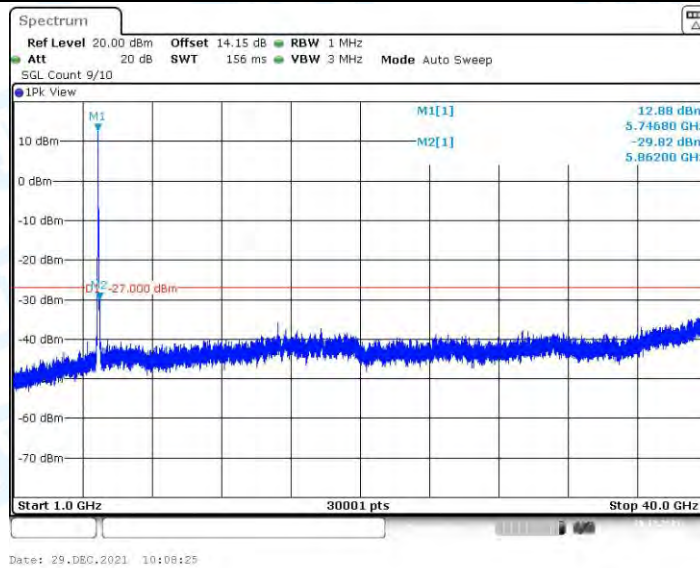
11N20SISO_Ant1_5240_30~1000



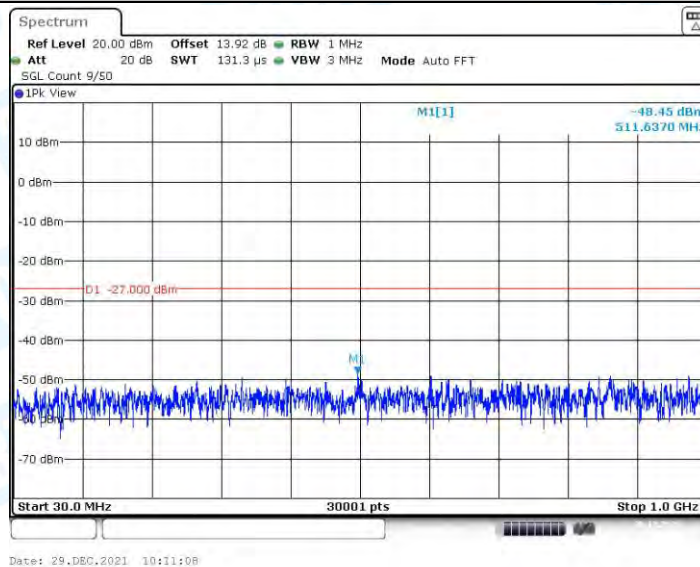
11N20SISO_Ant1_5240_1000~40000



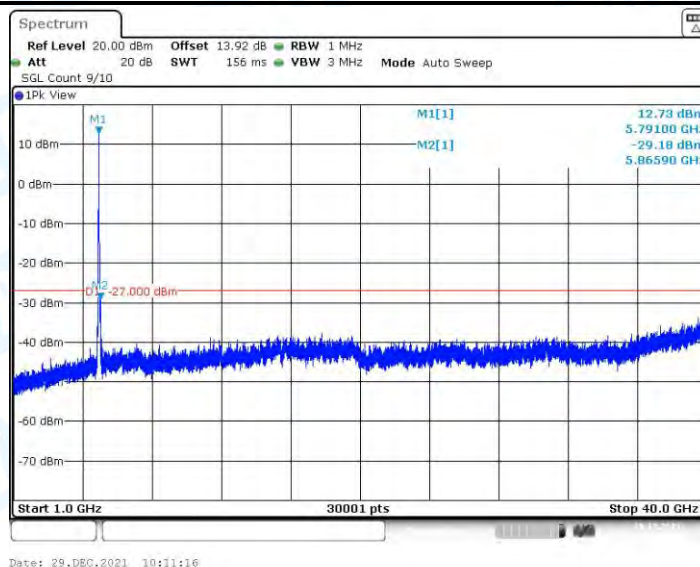
11N20SISO_Ant1_5745_30~1000



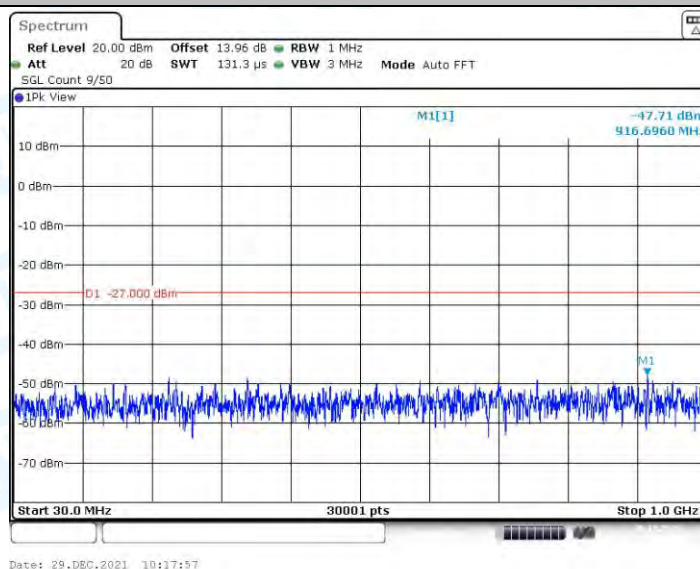
11N20SISO_Ant1_5745_1000~40000



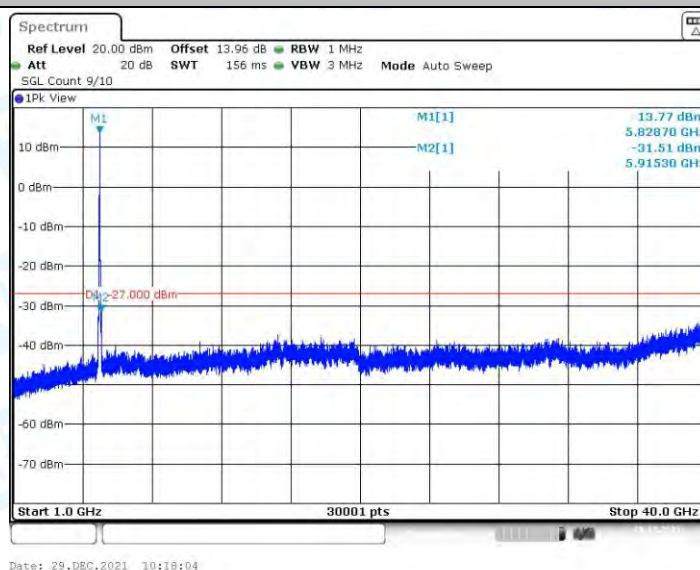
11N20SISO_Ant1_5785_30~1000



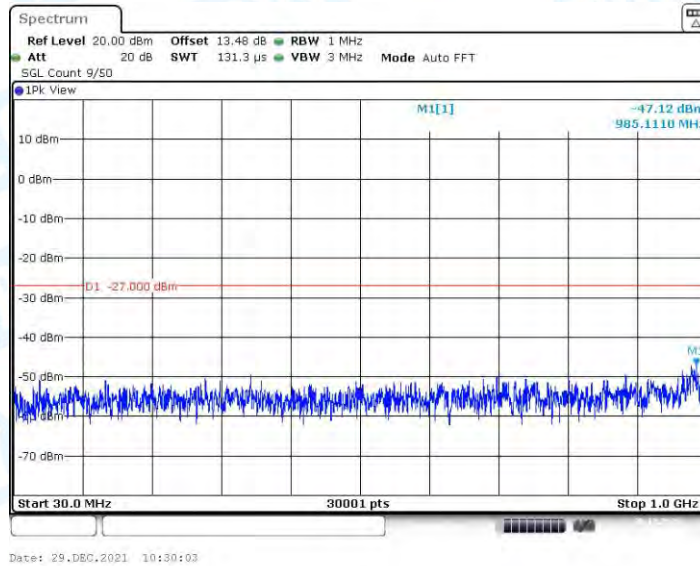
11N20SISO_Ant1_5785_1000~40000



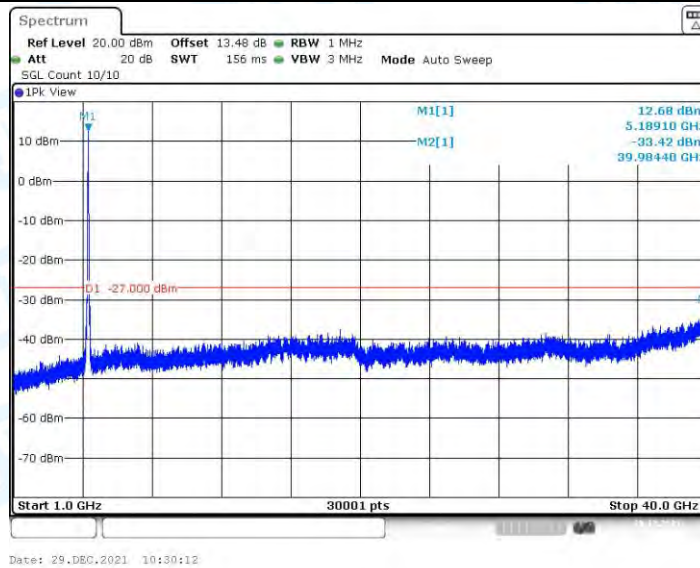
11N20SISO_Ant1_5825_30~1000



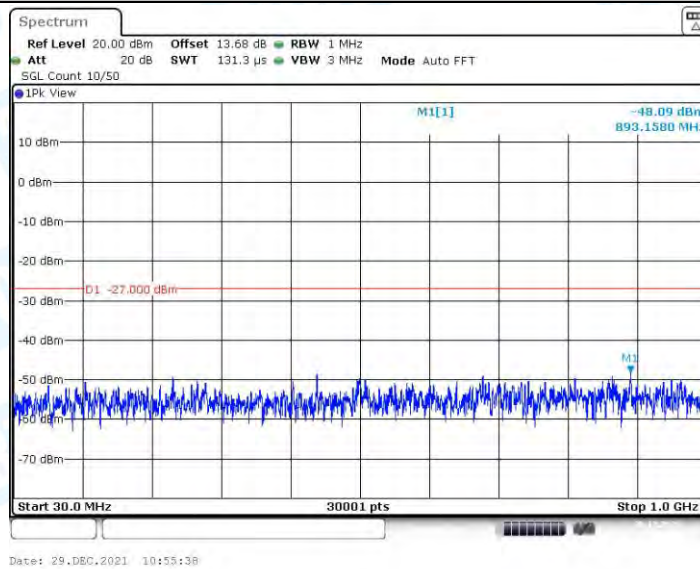
11N20SISO_Ant1_5825_1000~40000



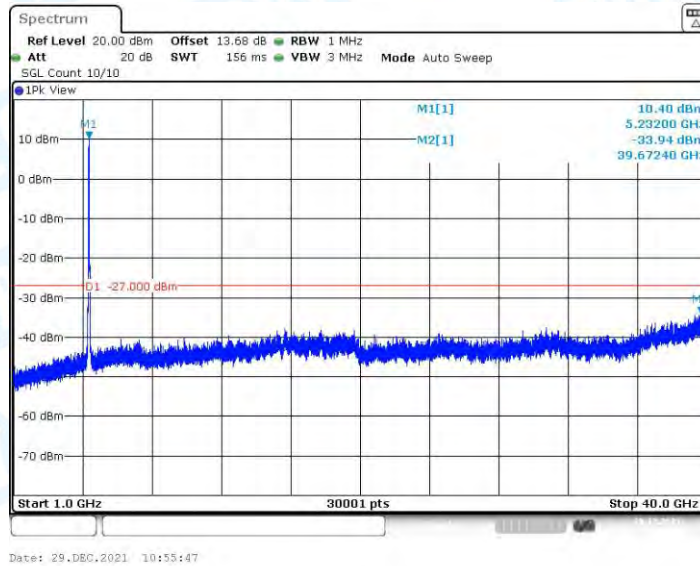
11N40SISO_Ant1_5190_30~1000



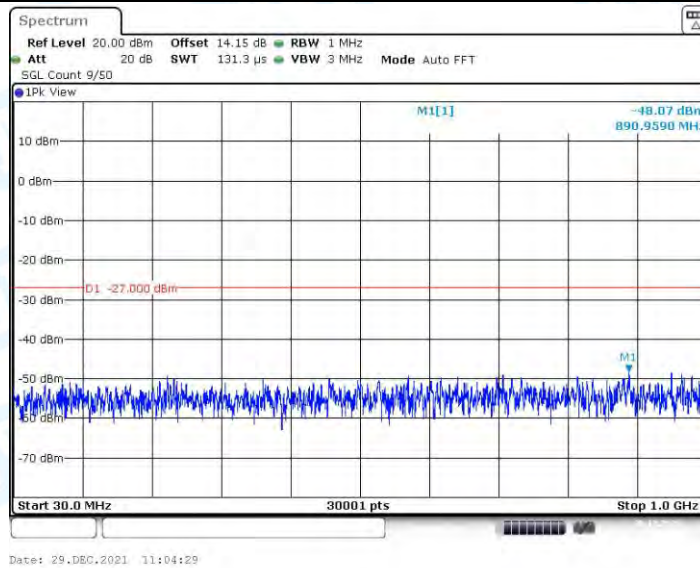
11N40SISO_Ant1_5190_1000~40000



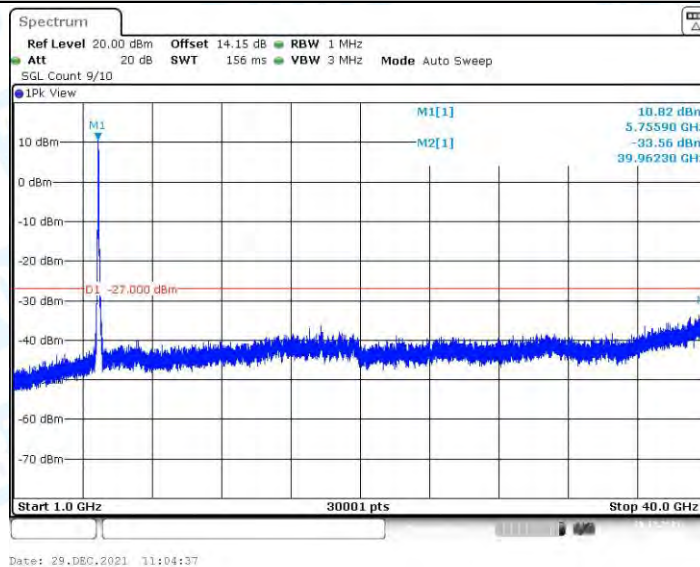
11N40SISO_Ant1_5230_30~1000



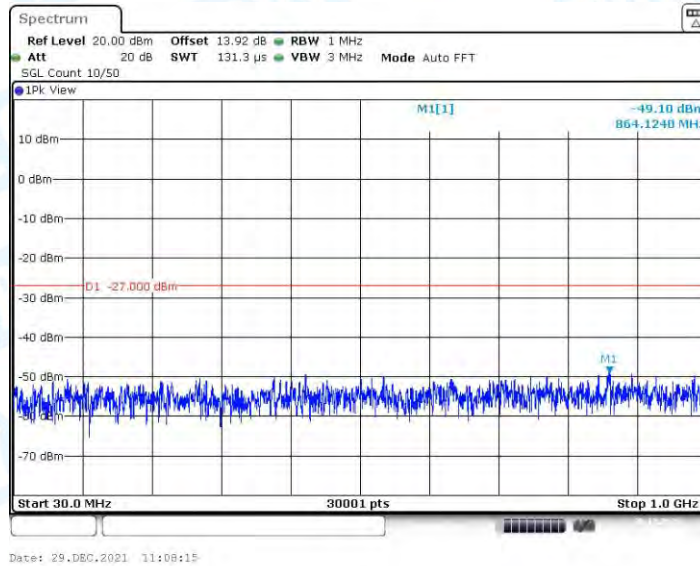
11N40SISO_Ant1_5230_1000~40000



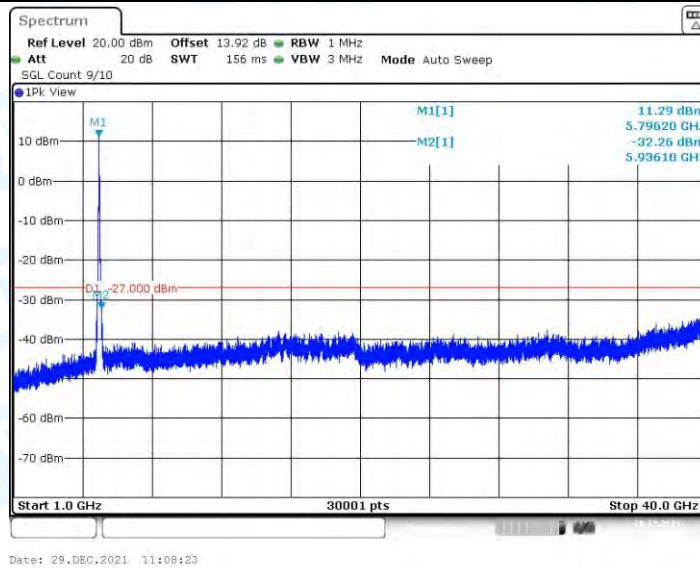
11N40SISO_Ant1_5755_30~1000



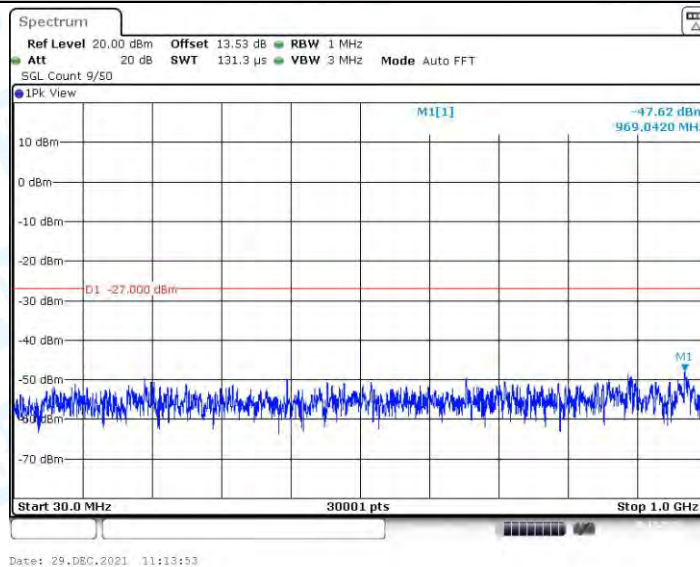
11N40SISO_Ant1_5755_1000~40000



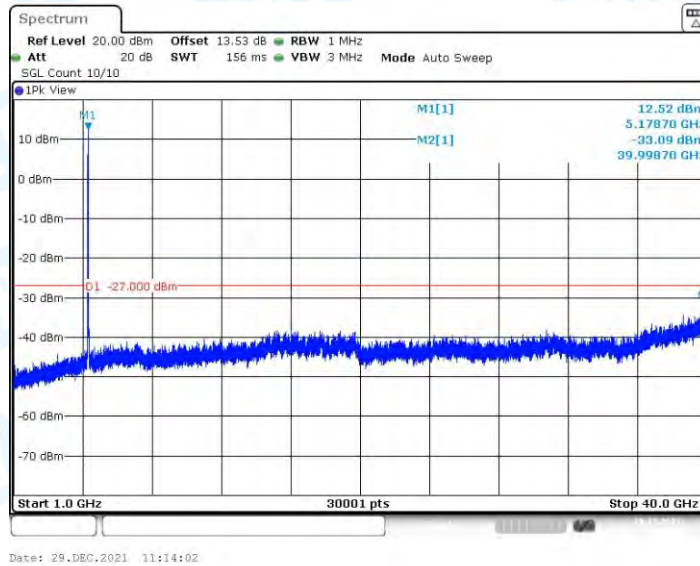
11N40SISO_Ant1_5795_30~1000



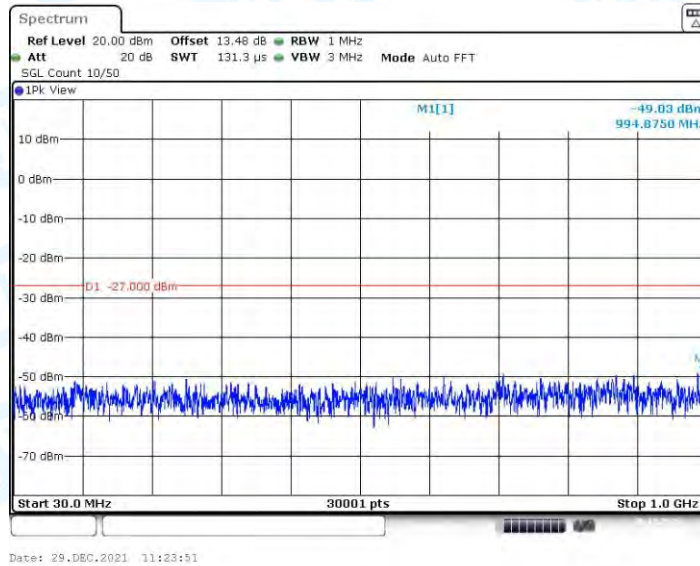
11N40SISO_Ant1_5795_1000~40000



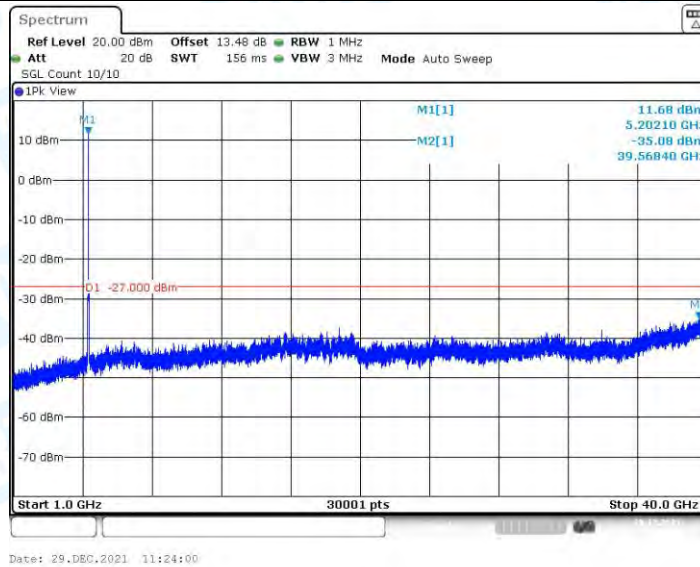
11AC20SISO_Ant1_5180_30~1000



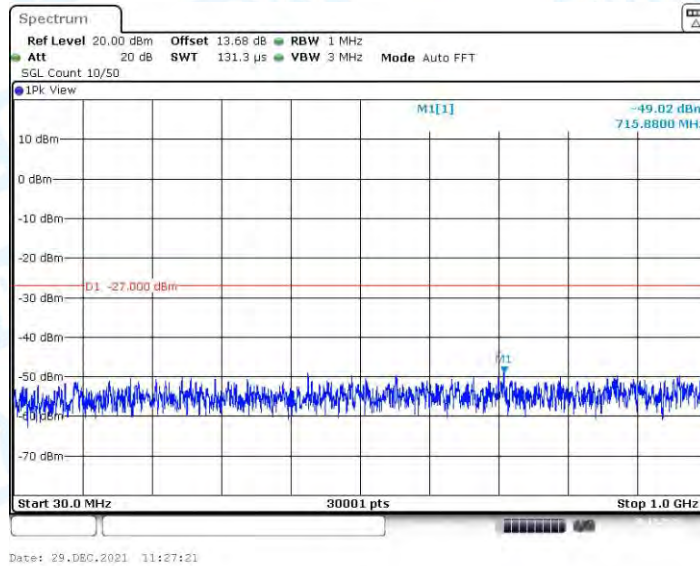
11AC20SISO_Ant1_5180_1000~40000



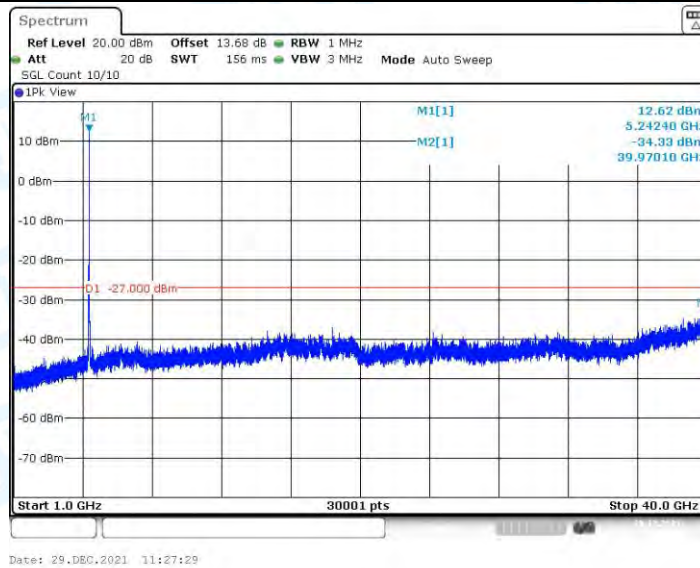
11AC20SISO_Ant1_5200_30~1000



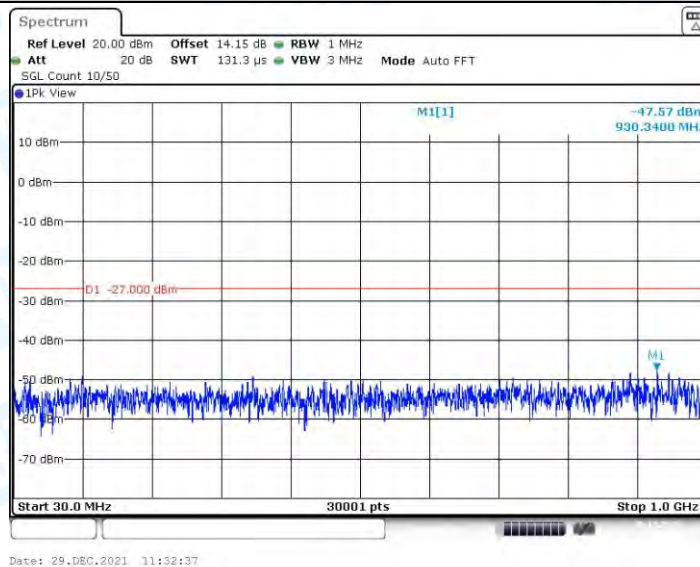
11AC20SISO_Ant1_5200_1000~40000



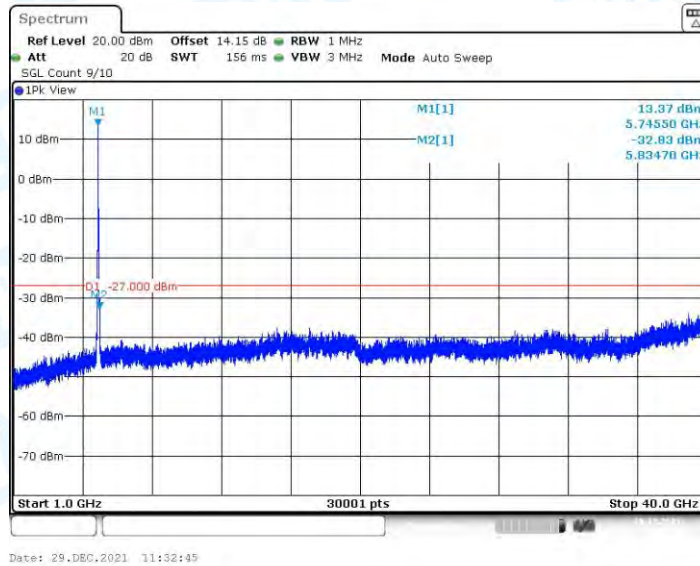
11AC20SISO_Ant1_5240_30~1000



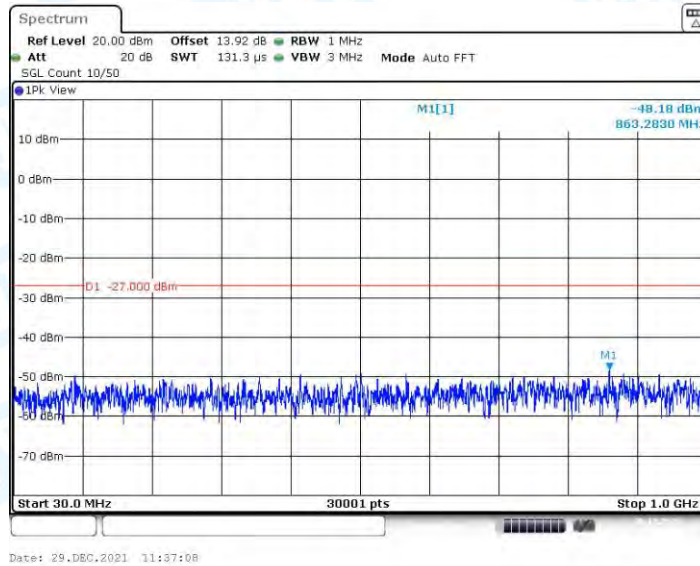
11AC20SISO_Ant1_5240_1000~40000



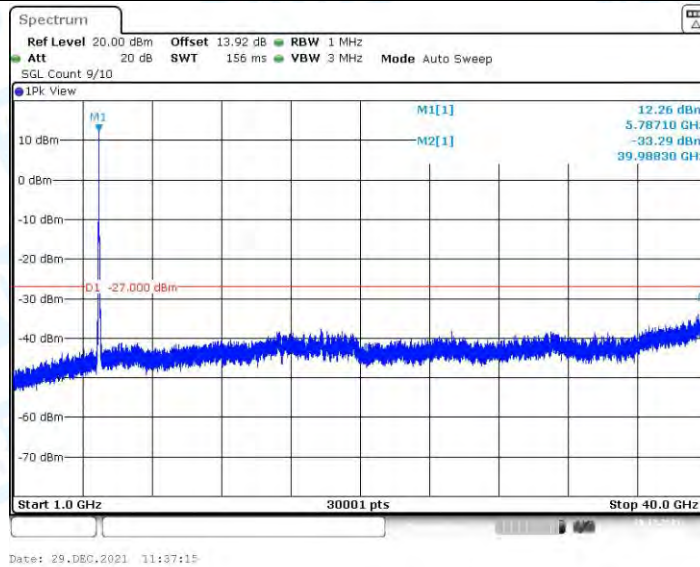
11AC20SISO_Ant1_5745_30~1000



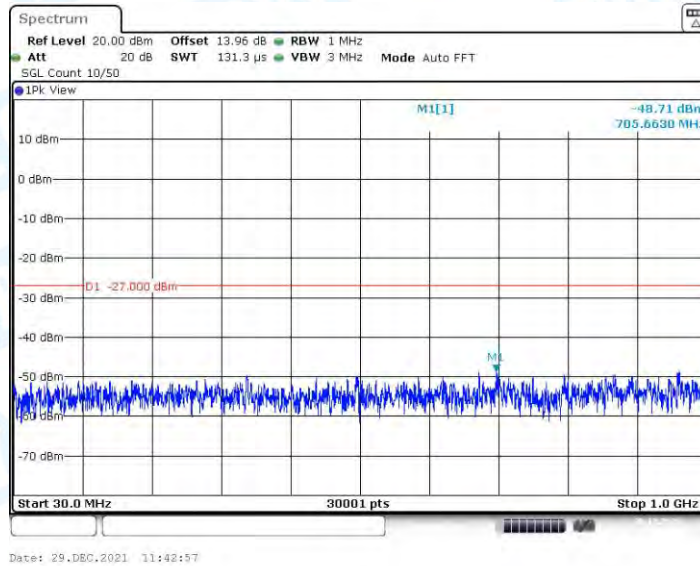
11AC20SISO_Ant1_5745_1000~40000



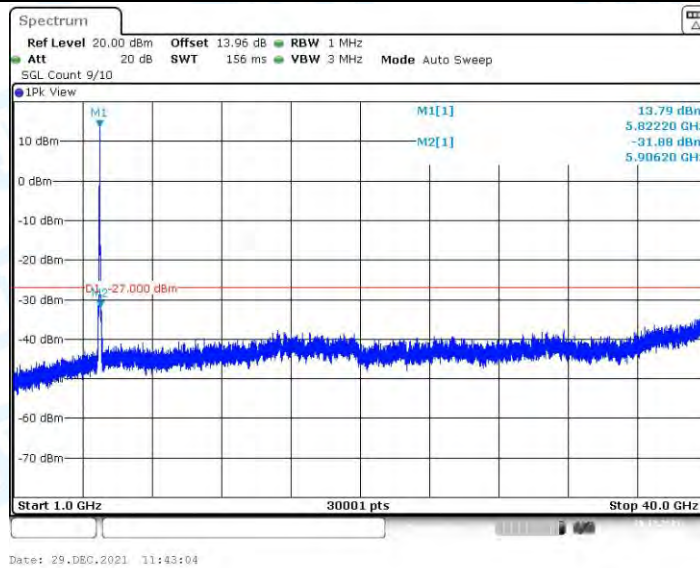
11AC20SISO_Ant1_5785_30~1000



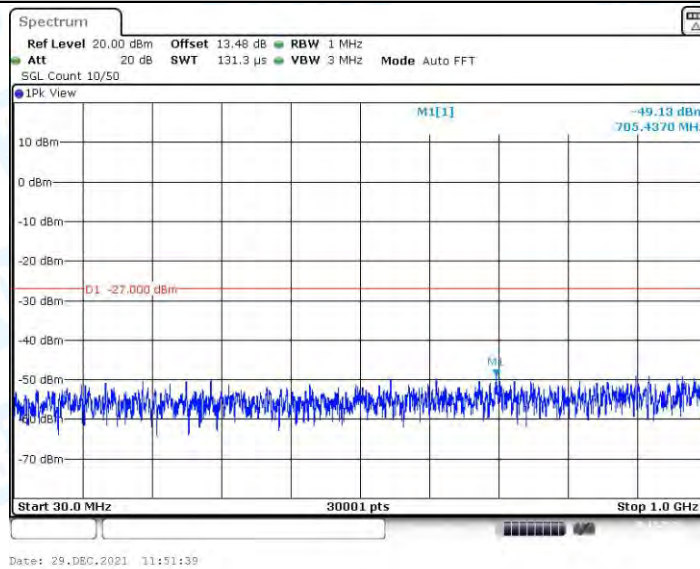
11AC20SISO_Ant1_5785_1000~40000



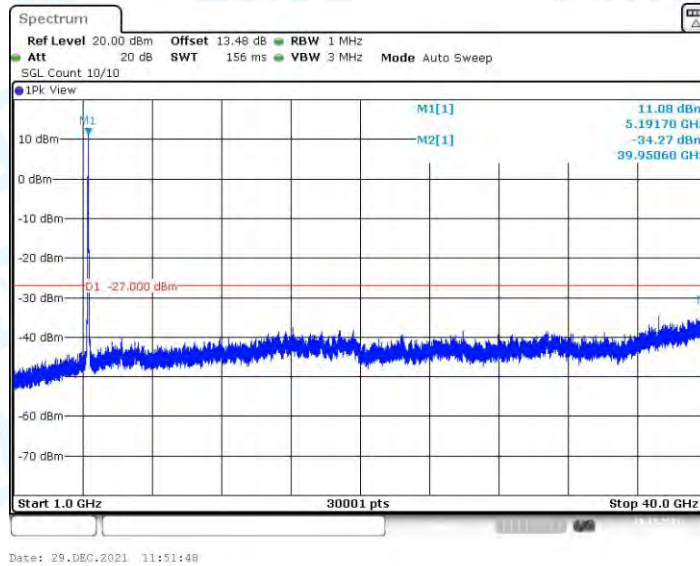
11AC20SISO_Ant1_5825_30~1000



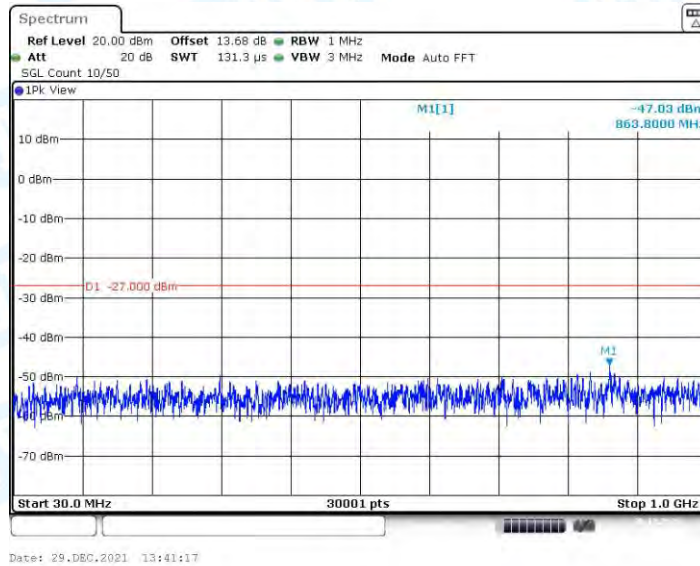
11AC20SISO_Ant1_5825_1000~40000



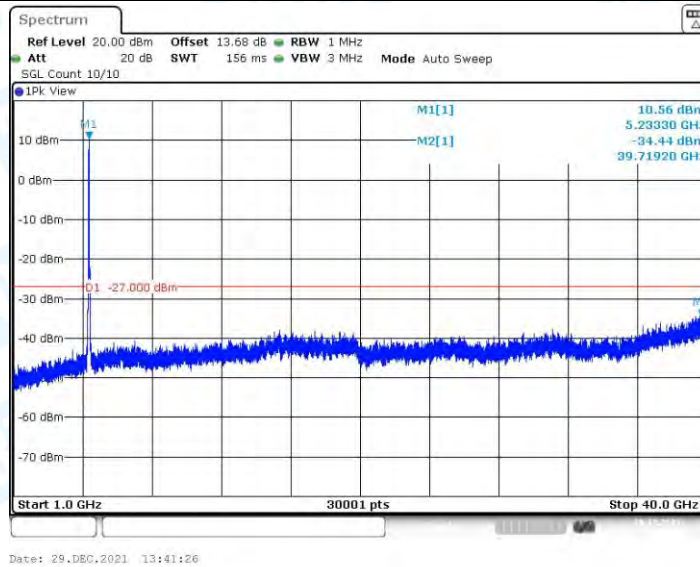
11AC40SISO_Ant1_5190_30~1000



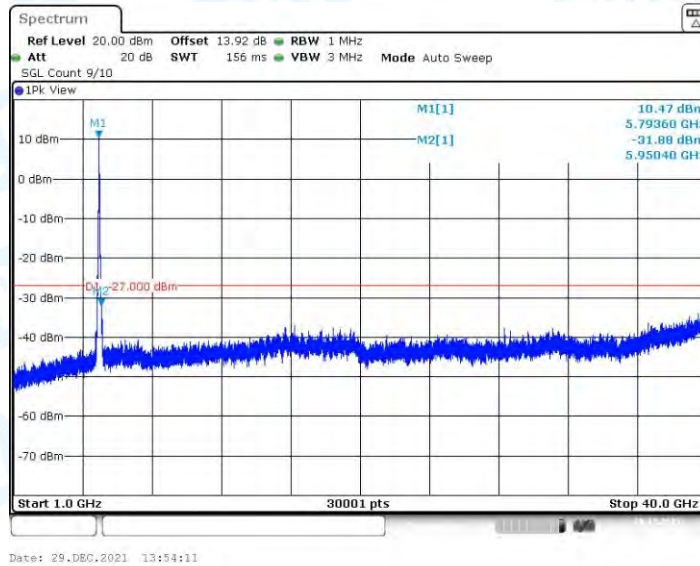
11AC40SISO_Ant1_5190_1000~40000



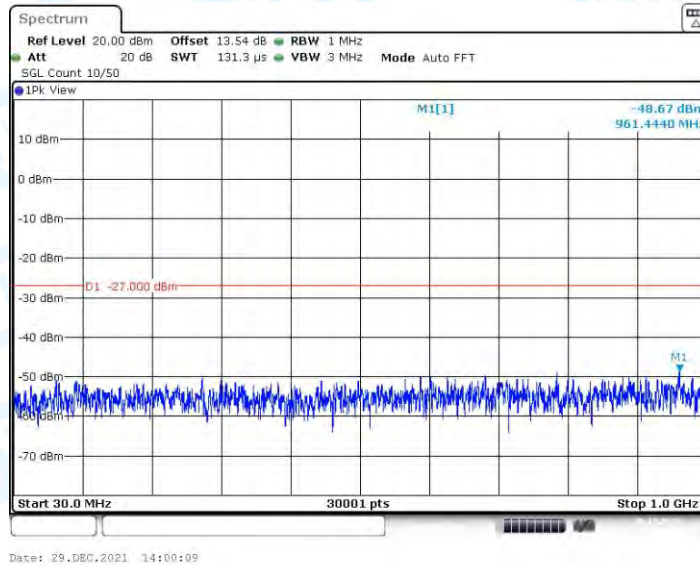
11AC40SISO_Ant1_5230_30~1000



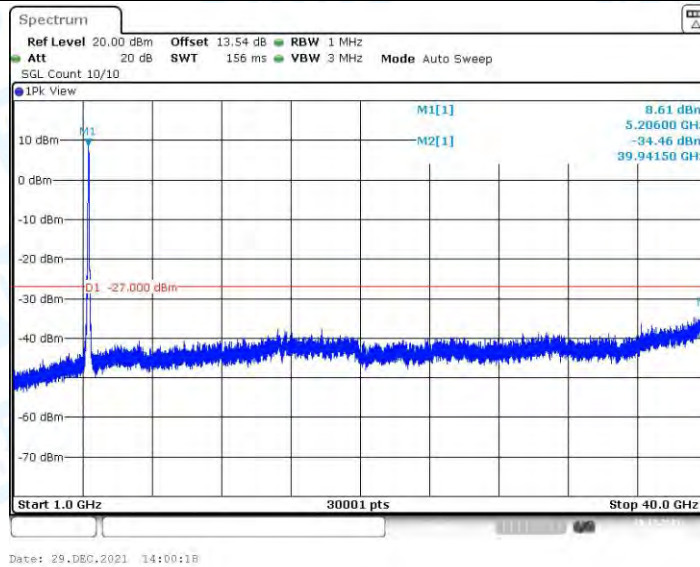
11AC40SISO_Ant1_5230_1000~40000



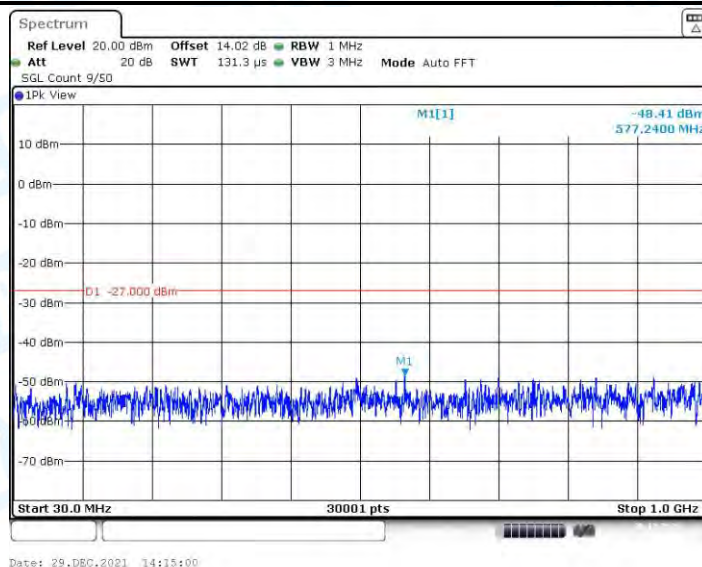
11AC40SISO_Ant1_5795_1000~40000



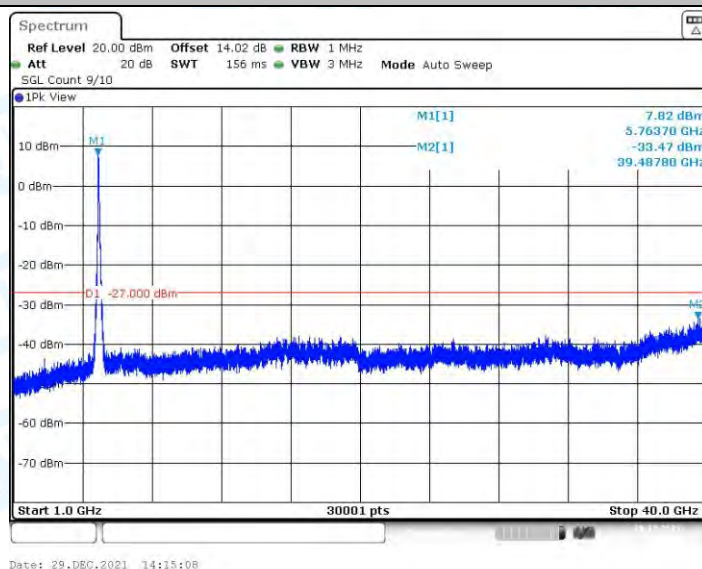
11AC80SISO_Ant1_5210_30~1000



11AC80SISO_Ant1_5210_1000~40000



11AC80SISO_Ant1_5775_30~1000



11AC80SISO_Ant1_5775_1000~40000

8. Frequency Stability

8.1. Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	40000	7.722008	20	PASS
			HV	NT	0	0	20	PASS
		5745	NV	NT	0	0	20	PASS
			LV	NT	20000	3.481288	20	PASS
			HV	NT	0	0	20	PASS
11N40SISO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	40000	7.707129	20	PASS
			HV	NT	0	0	20	PASS
		5755	NV	NT	40000	6.950478	20	PASS
			LV	NT	40000	6.950478	20	PASS
			HV	NT	40000	6.950478	20	PASS
11AC80SISO	Ant1	5210	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5775	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	20000	3.861004	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	20000	3.861004	20	PASS
			NV	0	20000	3.861004	20	PASS
			NV	10	20000	3.861004	20	PASS
			NV	20	20000	3.861004	20	PASS
			NV	30	20000	3.861004	20	PASS
			NV	40	20000	3.861004	20	PASS
			NV	50	20000	3.861004	20	PASS
		5745	NV	-30	20000	3.481288	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	20000	3.481288	20	PASS
			NV	0	20000	3.481288	20	PASS
			NV	10	0	0	20	PASS
			NV	20	20000	3.481288	20	PASS
			NV	30	0	0	20	PASS
			NV	40	20000	3.481288	20	PASS

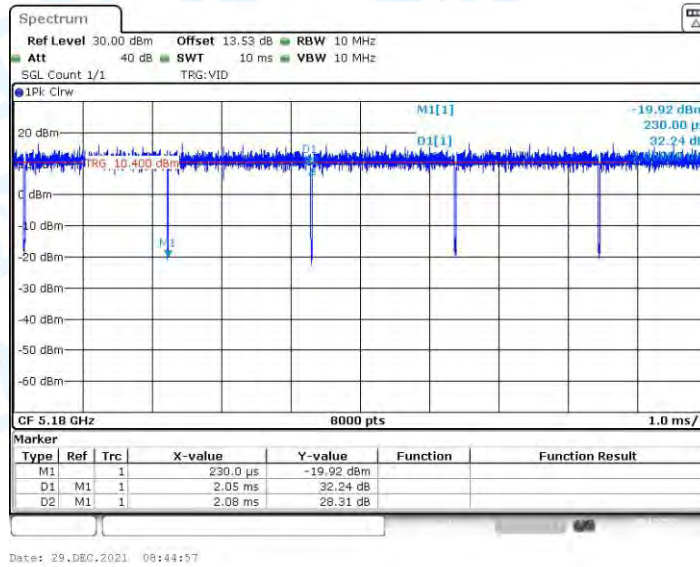
11N40SISO	Ant1	5190	NV	50	0	0	20	PASS
			NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	40000	7.707129	20	PASS
			NV	0	0	0	20	PASS
			NV	10	40000	7.707129	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5755	NV	-30	0	0	20	PASS
			NV	-20	40000	6.950478	20	PASS
			NV	-10	40000	6.950478	20	PASS
			NV	0	40000	6.950478	20	PASS
			NV	10	0	0	20	PASS
			NV	20	40000	6.950478	20	PASS
			NV	30	40000	6.950478	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
11AC80SIS O	Ant1	5210	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5775	NV	-30	0	0	20	PASS

9. Duty Cycle

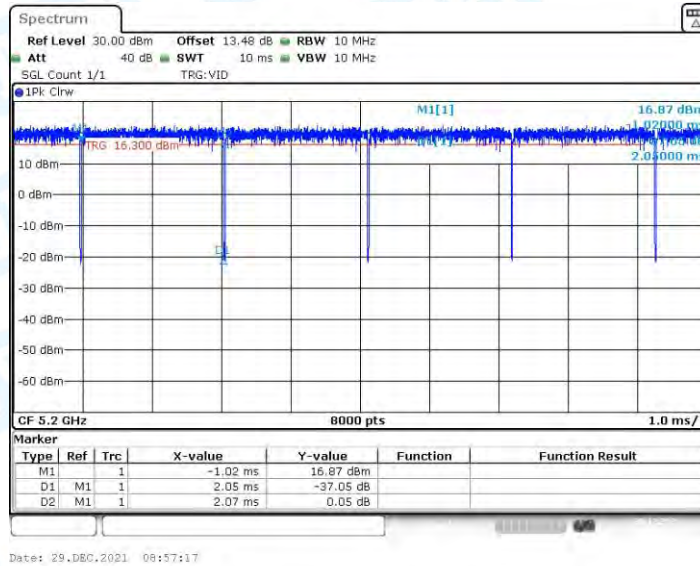
9.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11A	Ant1	5180	2.05	2.08	98.56	0.488	---	PASS
		5200	2.05	2.07	99.03	0.488	---	PASS
		5240	2.05	2.07	99.03	0.488	---	PASS
		5745	2.05	2.08	98.56	0.488	---	PASS
		5785	2.05	2.07	99.03	0.488	---	PASS
		5825	2.05	2.07	99.03	0.488	---	PASS
11N20SISO	Ant1	5180	1.90	1.93	98.45	0.526	---	PASS
		5200	1.91	1.93	98.96	0.524	---	PASS
		5240	1.91	1.93	98.96	0.524	---	PASS
		5745	1.91	1.93	98.96	0.524	---	PASS
		5785	1.91	1.93	98.96	0.524	---	PASS
		5825	1.90	1.93	98.45	0.526	---	PASS
11N40SISO	Ant1	5190	0.94	0.96	97.92	1.064	---	PASS
		5230	0.93	0.96	96.88	1.075	---	PASS
		5755	0.94	0.96	97.92	1.064	---	PASS
		5795	0.94	0.96	97.92	1.064	---	PASS
11AC20SISO	Ant1	5180	1.92	1.94	98.97	0.521	---	PASS
		5200	1.92	1.94	98.97	0.521	---	PASS
		5240	1.92	1.94	98.97	0.521	---	PASS
		5745	1.92	1.94	98.97	0.521	---	PASS
		5785	1.92	1.94	98.97	0.521	---	PASS
		5825	1.92	1.94	98.97	0.521	---	PASS
11AC40SISO	Ant1	5190	0.94	0.97	96.91	1.064	---	PASS
		5230	0.95	0.97	97.94	1.053	---	PASS
		5755	0.95	0.97	97.94	1.053	---	PASS
		5795	0.95	0.99	95.96	1.053	---	PASS
11AC80SISO	Ant1	5210	0.45	0.47	95.74	2.222	---	PASS
		5775	0.46	0.50	92.00	2.174	---	PASS

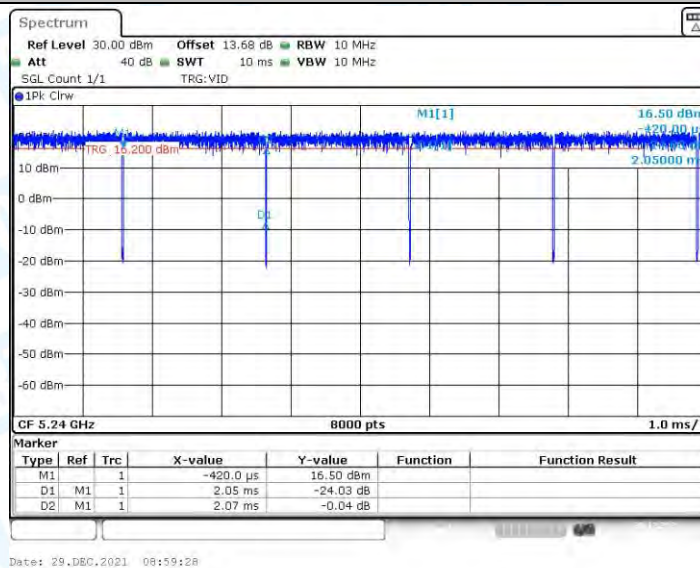
10.2.Test Graphs



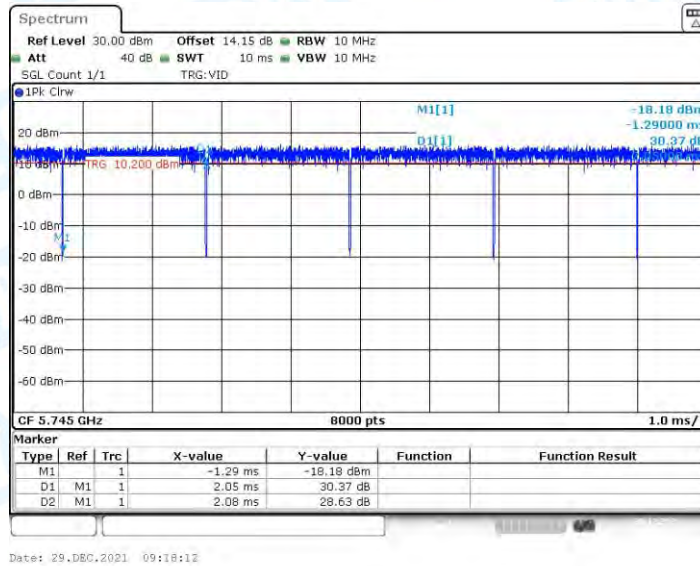
11A_Ant1_5180



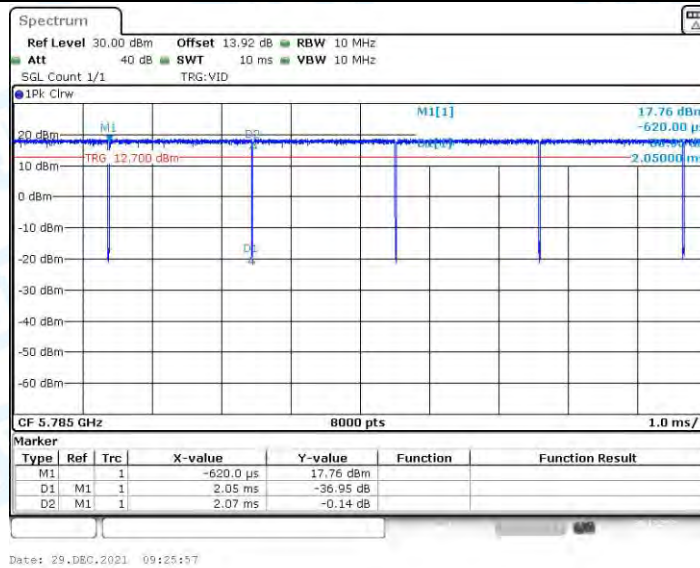
11A_Ant1_5200



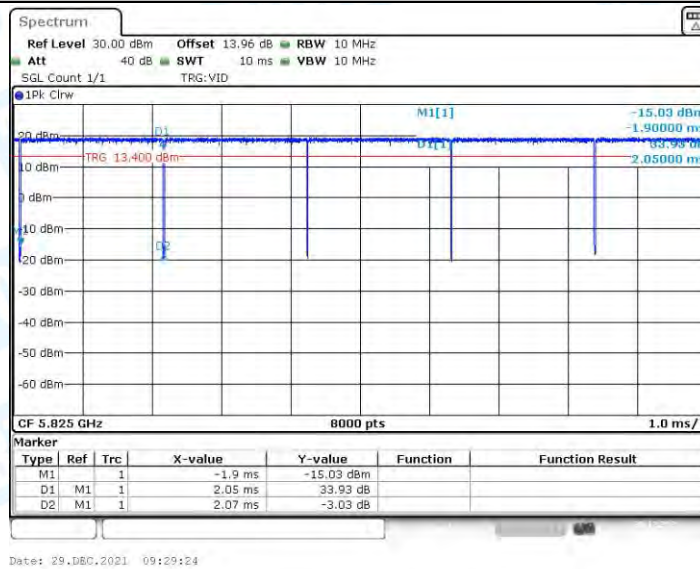
11A_Ant1_5240



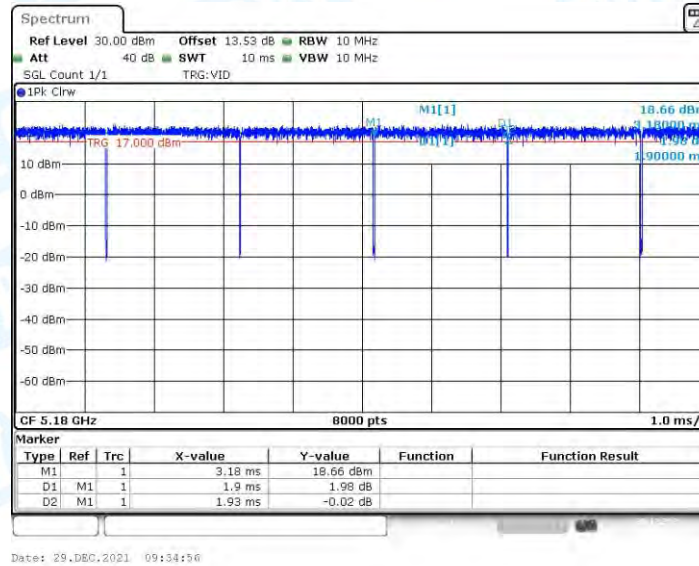
11A_Ant1_5745



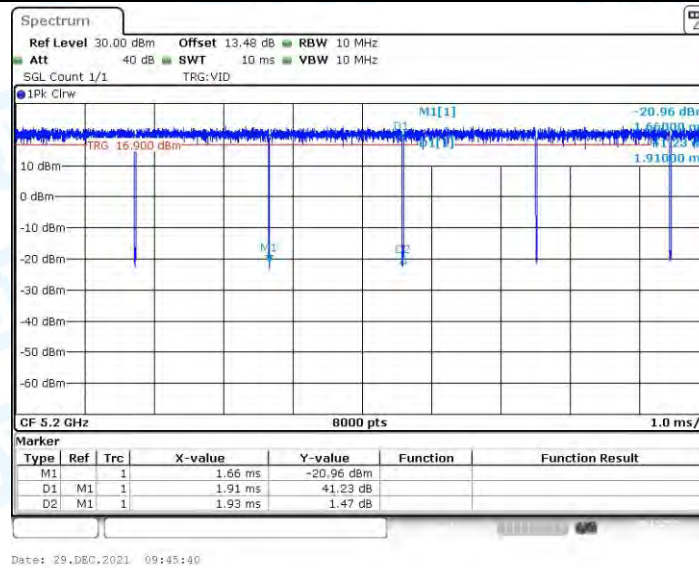
11A_Ant1_5785



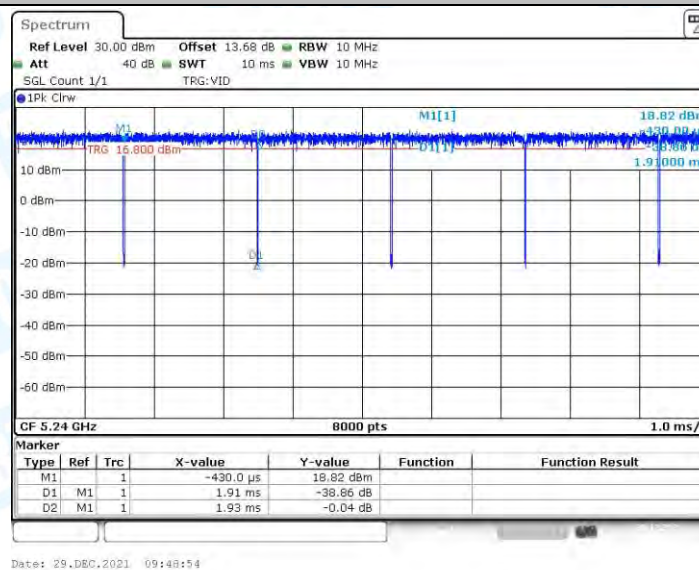
11A_Ant1_5825



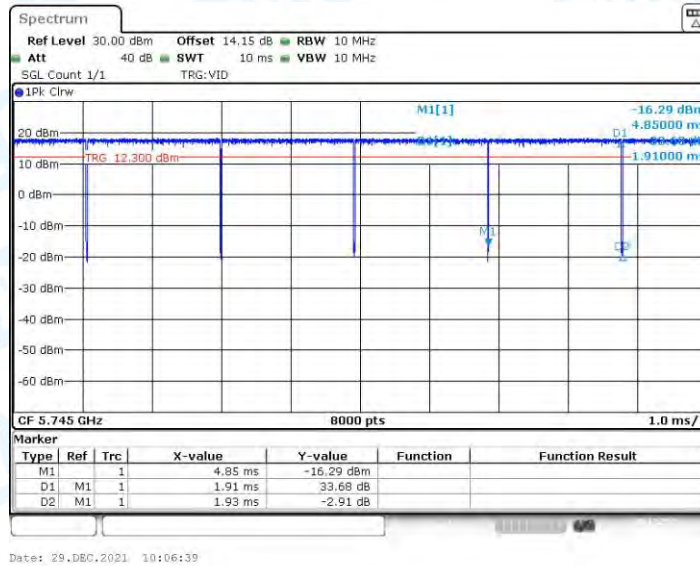
11N20SISO_Ant1_5180



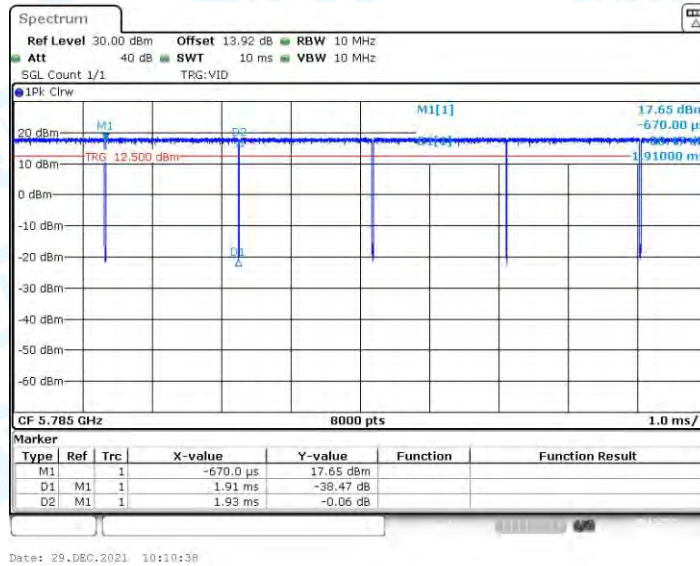
11N20SISO_Ant1_5200



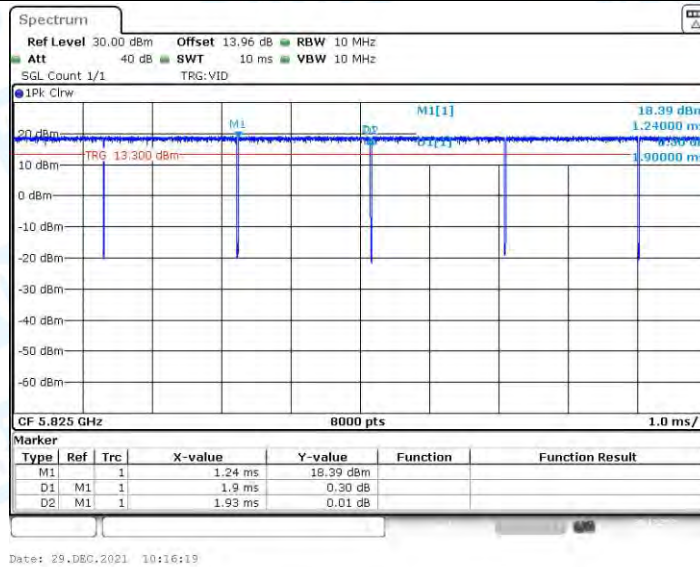
11N20SISO_Ant1_5240



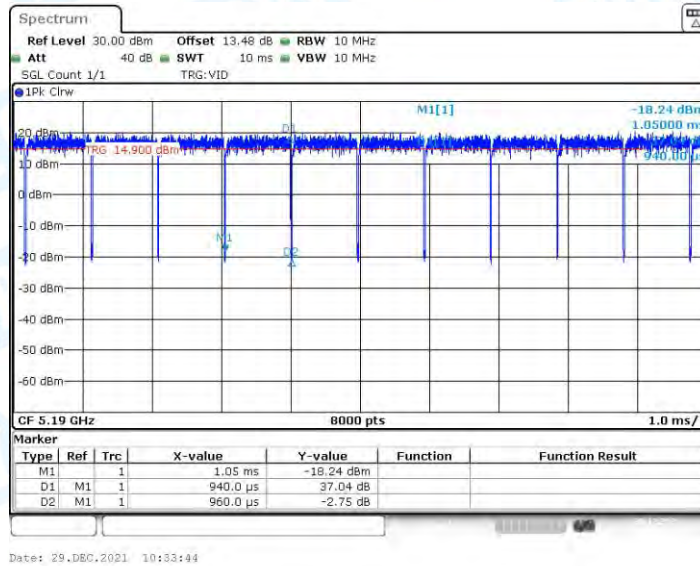
11N20SISO_Ant1_5745



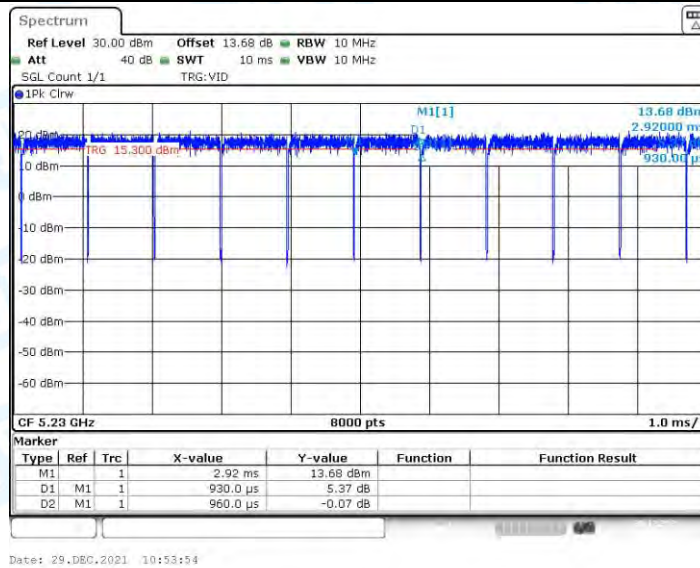
11N20SISO_Ant1_5785



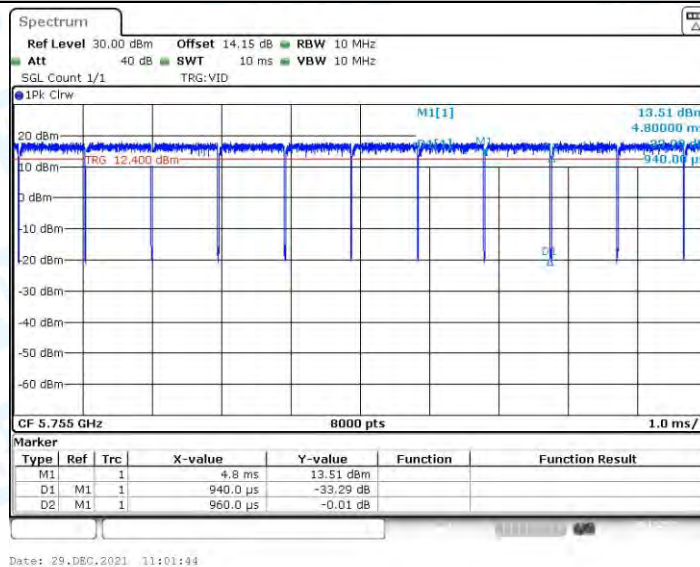
11N20SISO_Ant1_5825



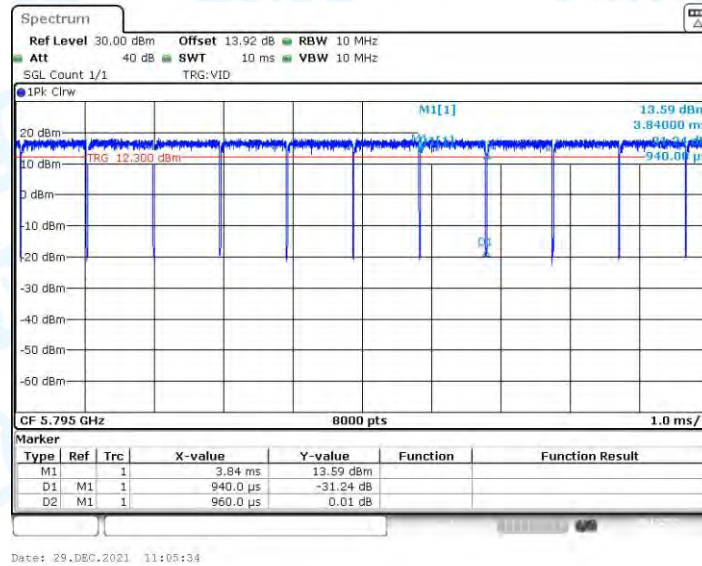
11N40SISO_Ant1_5190



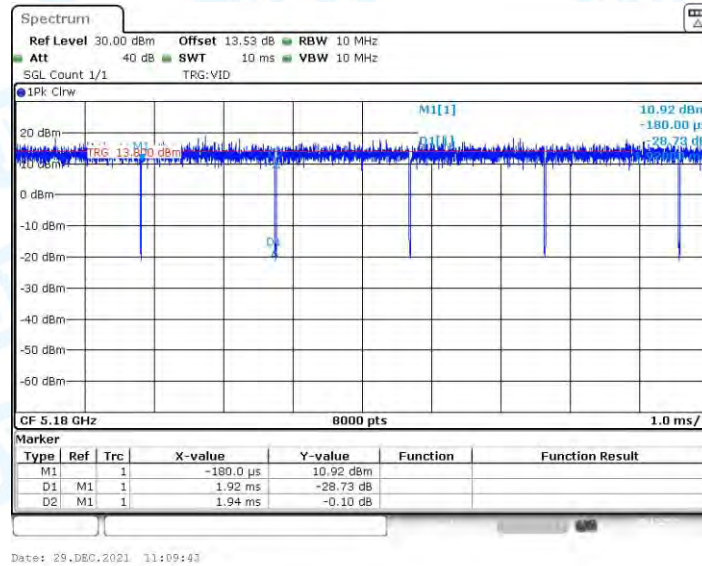
11N40SISO_Ant1_5230



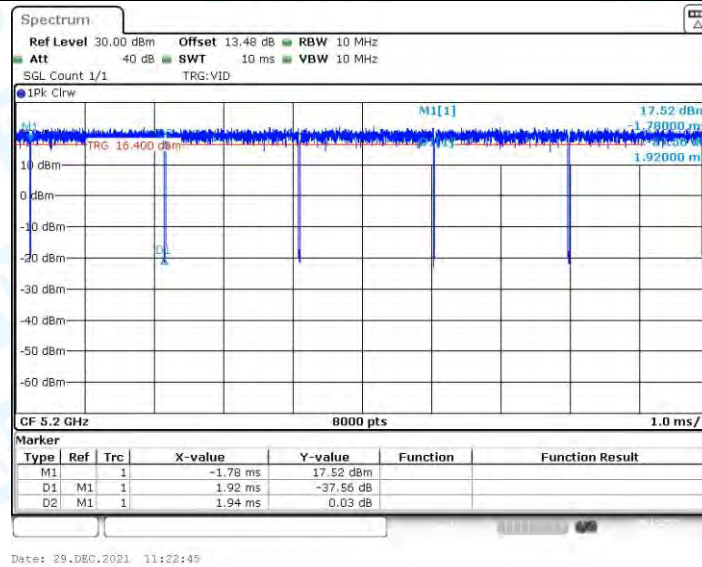
11N40SISO_Ant1_5755



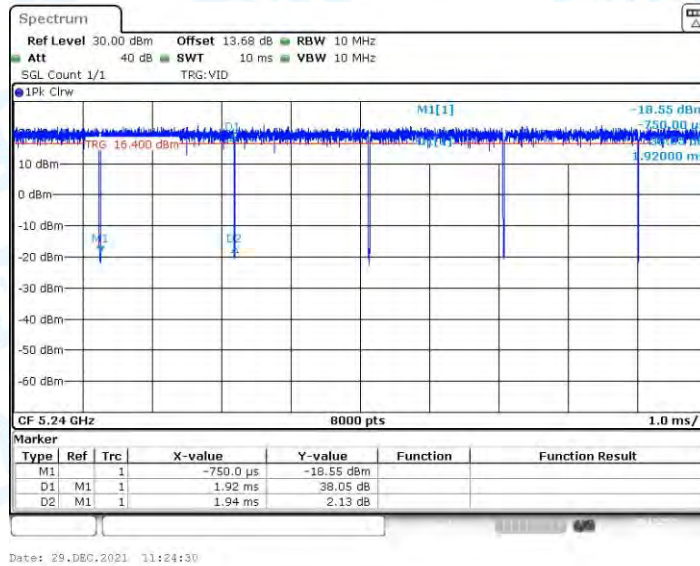
11N40SISO_Ant1_5795



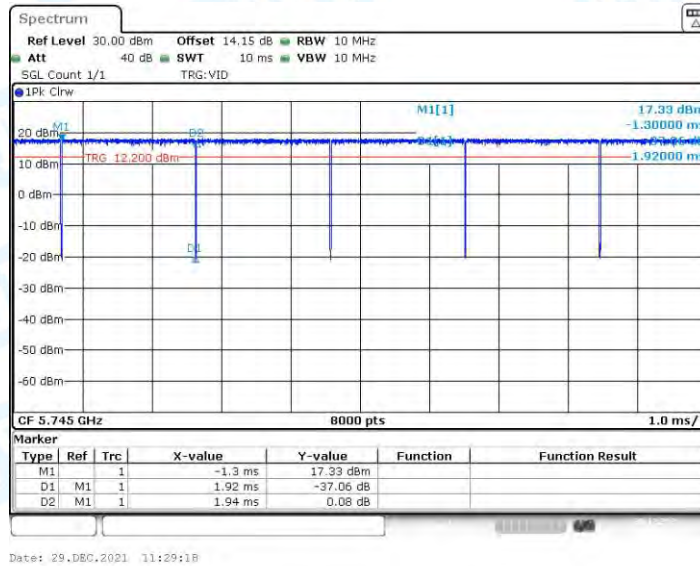
11AC20SISO_Ant1_5180



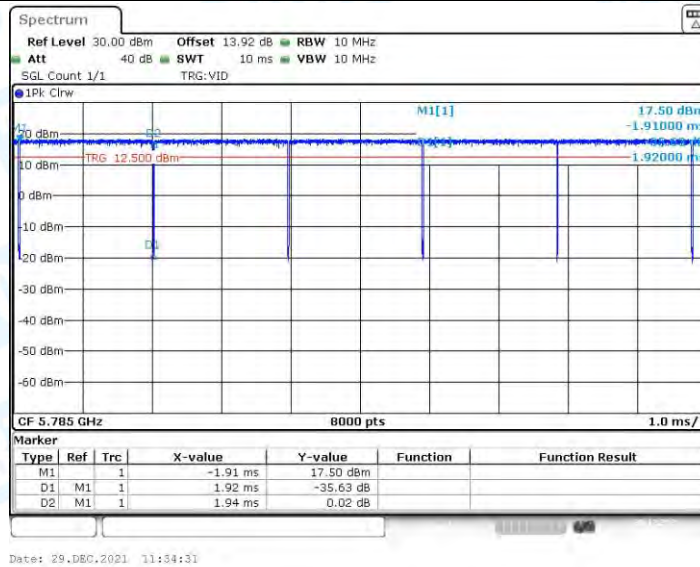
11AC20SISO_Ant1_5200



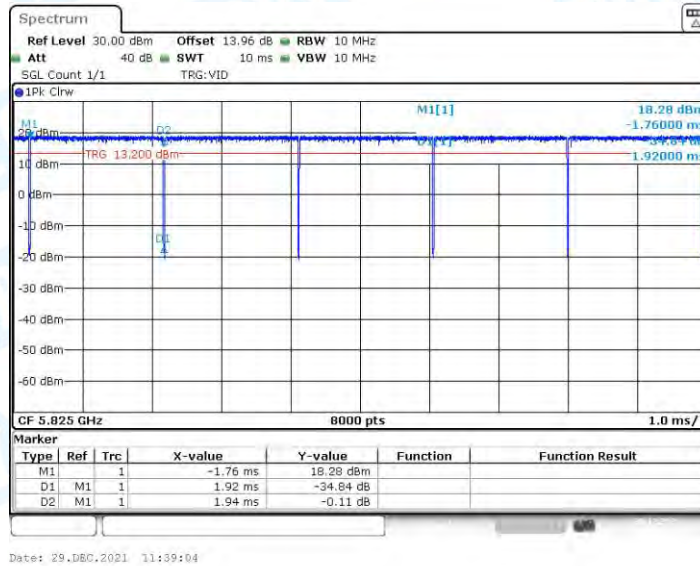
11AC20SISO_Ant1_5240



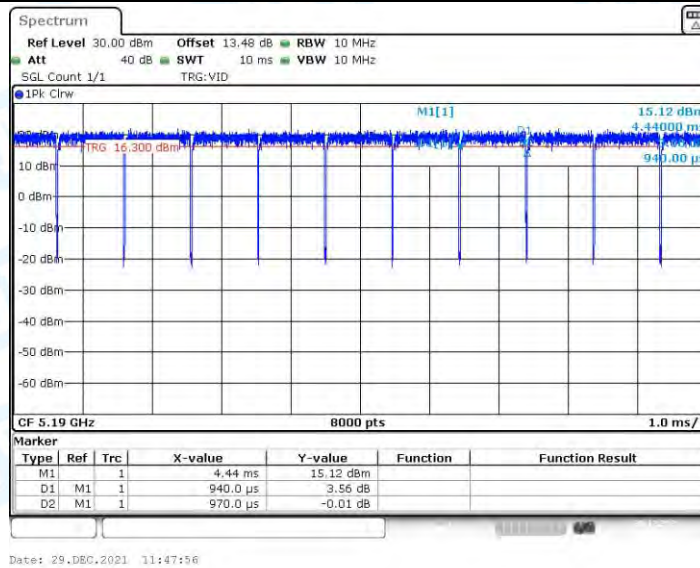
11AC20SISO_Ant1_5745



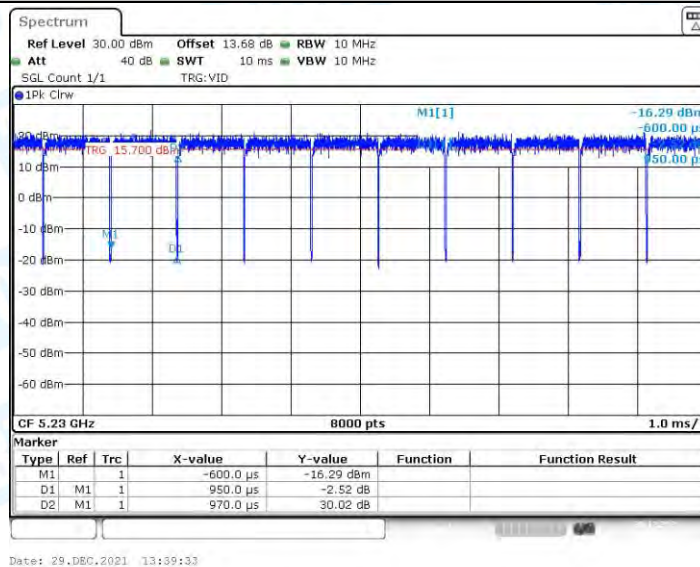
11AC20SISO_Ant1_5785



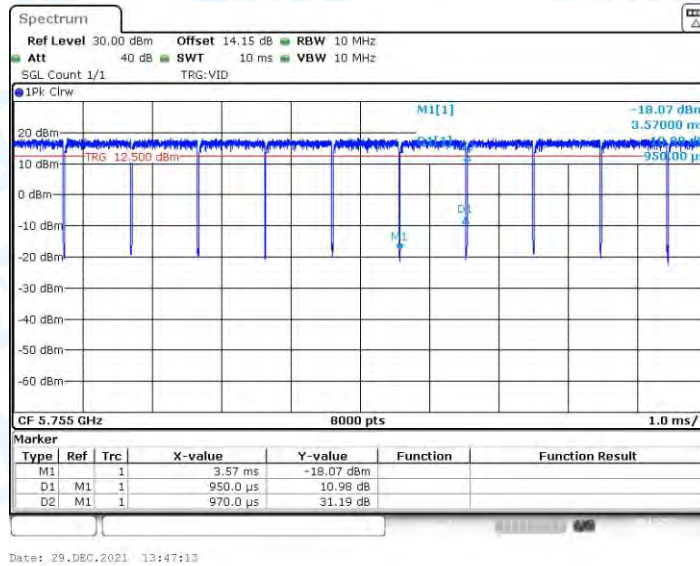
11AC20SISO_Ant1_5825



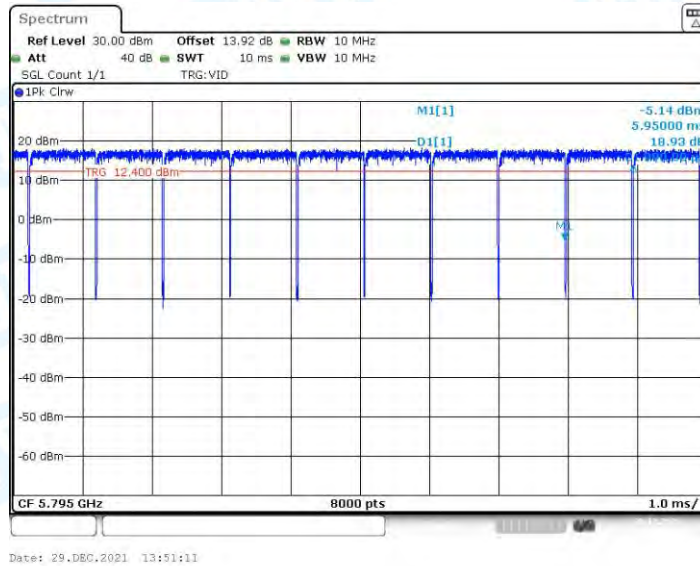
11AC40SISO_Ant1_5190



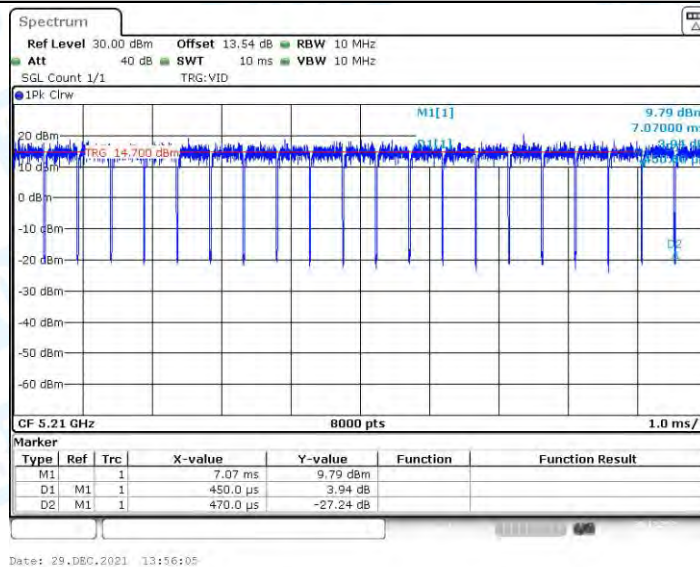
11AC40SISO_Ant1_5230



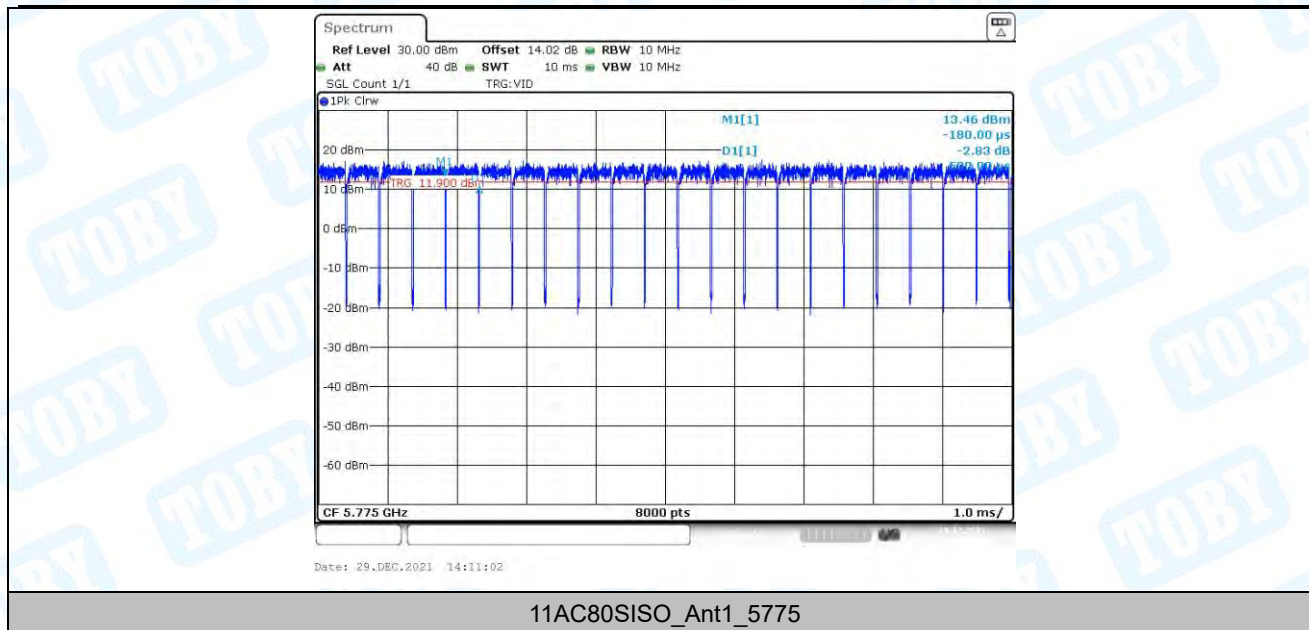
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



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