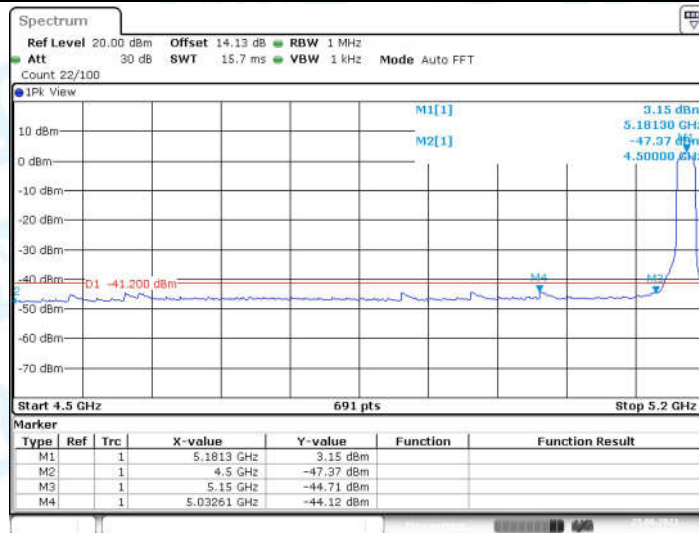
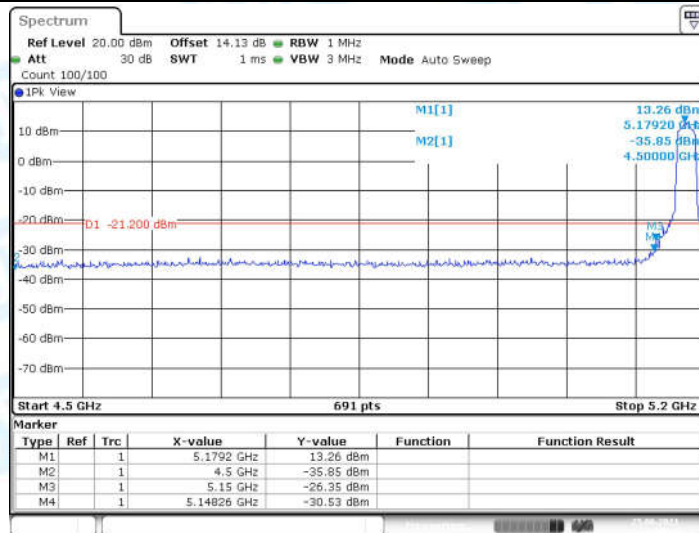


11AC20SISO_Ant1_Low_5180_AV



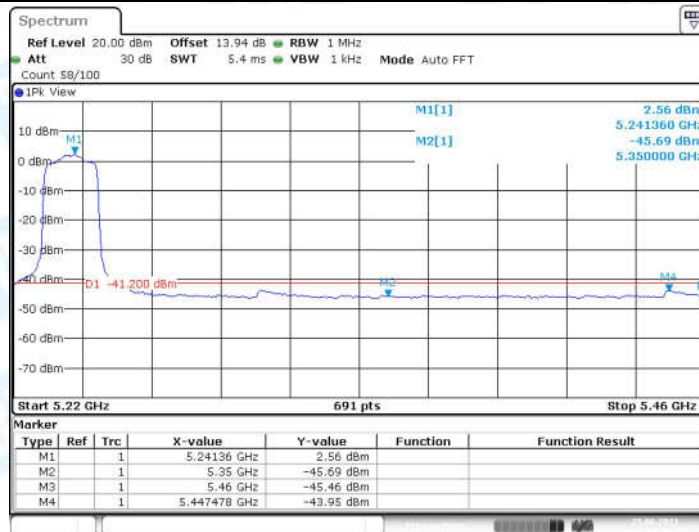
Date: 25 JUN 2021 14:01:06

11AC20SISO_Ant1_Low_5180_Peak



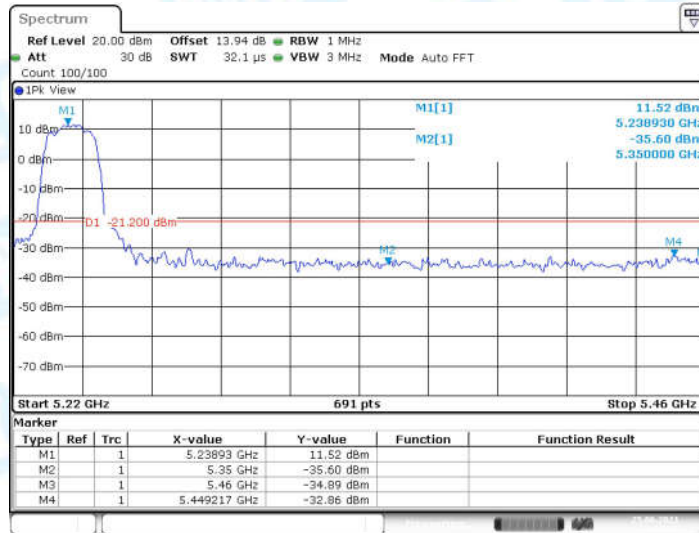
Date: 25 JUN 2021 14:00:54

11AC20SISO_Ant1_High_5240_AV



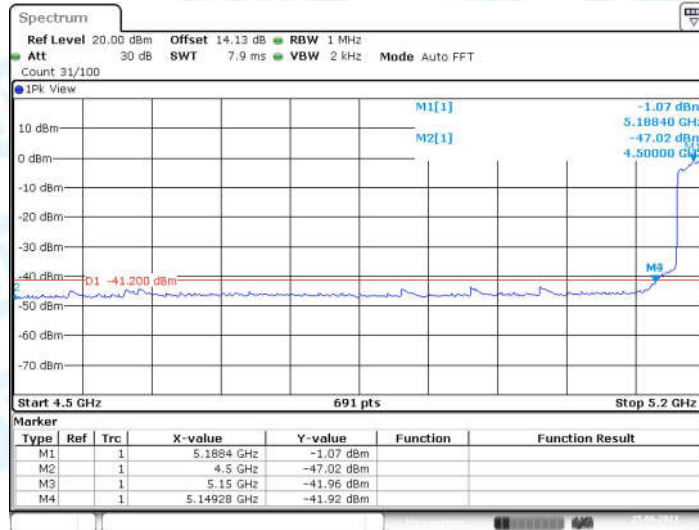
Date: 25 JUN 2021 14:07:17

11AC20SISO_Ant1_High_5240_Peak



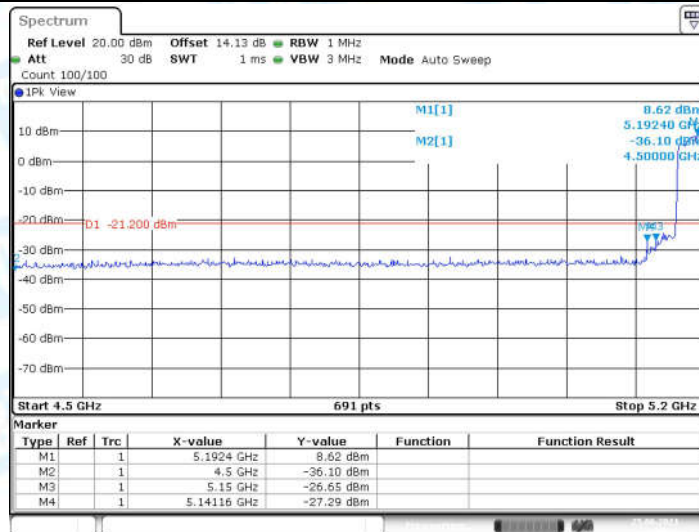
Date: 25 JUN 2021 14:07:06

11AC40SISO_Ant1_Low_5190_AV



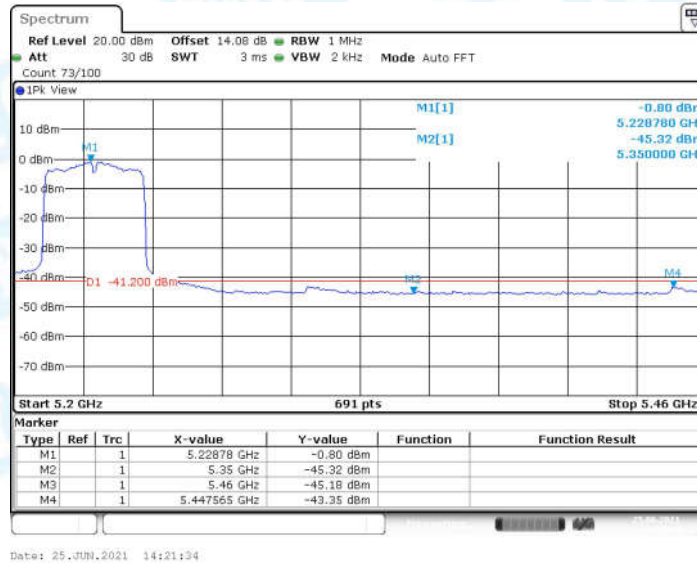
Date: 25 JUN 2021 14:38:32

11AC40SISO_Ant1_Low_5190_Peak

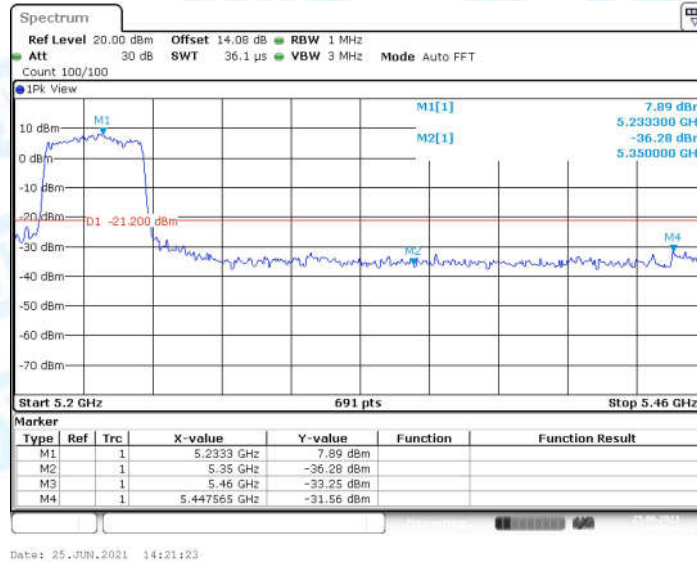


Date: 25 JUN 2021 14:38:20

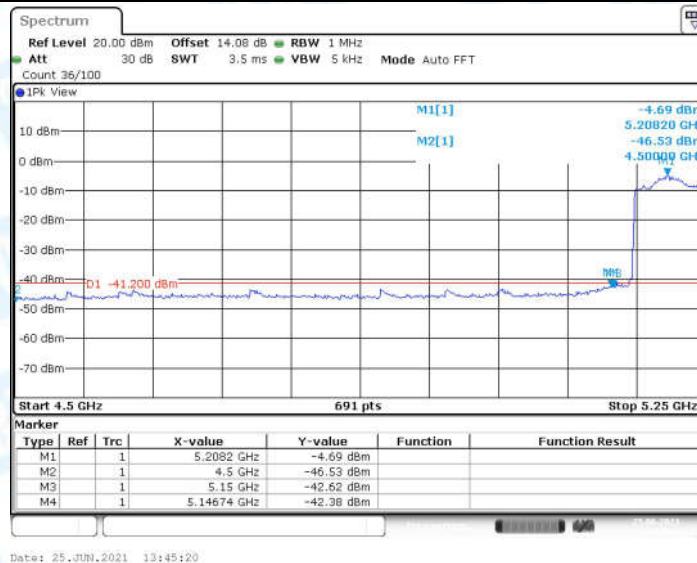
11AC40SISO_Ant1_High_5230_AV



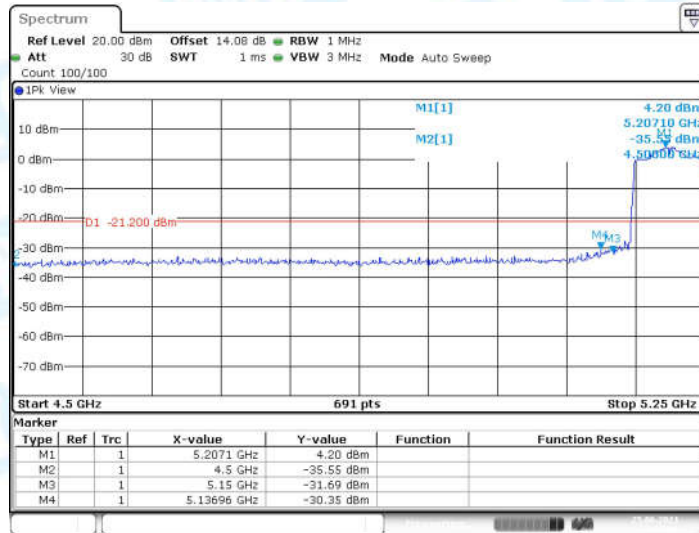
11AC40SISO_Ant1_High_5230_Peak



11AC80SISO_Ant1_Low_5210_AV

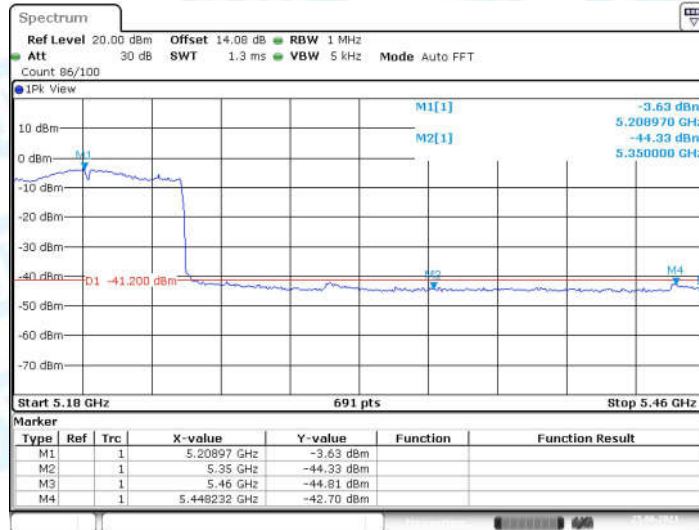


11AC80SISO_Ant1_Low_5210_Peak



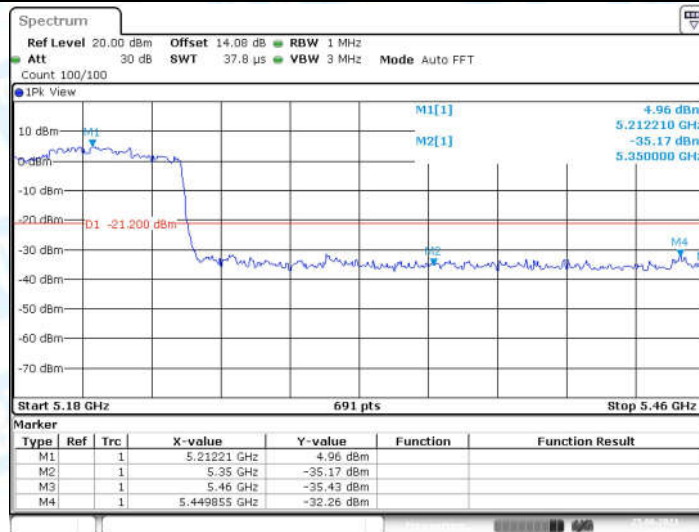
Date: 25 JUN 2021 13:45:08

11AC80SISO_Ant1_High_5210_AV



Date: 25 JUN 2021 13:34:52

11AC80SISO_Ant1_High_5210_Peak



Date: 25 JUN 2021 13:34:40

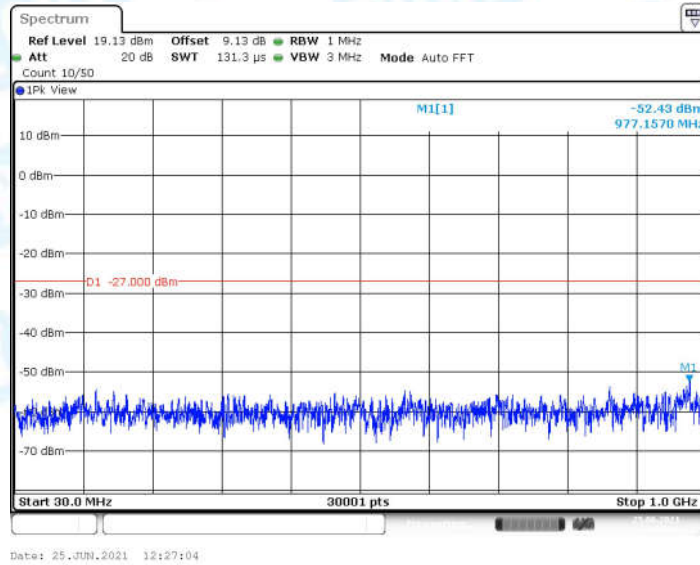
8. Conducted Spurious Emission

8.1. Test Result

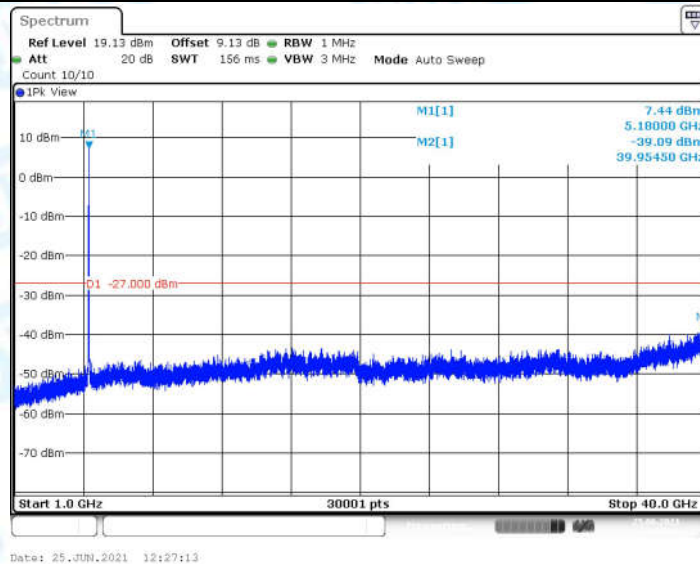
TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	977.16	-52.43	<=-27	PASS
			1000~40000	39954.5	-39.09	<=-27	PASS
		5200	30~1000	860.02	-52.05	<=-27	PASS
			1000~40000	39532	-38.7	<=-27	PASS
		5240	30~1000	867.2	-53.77	<=-27	PASS
			1000~40000	39987	-39.13	<=-27	PASS
11N20SISO	Ant1	5180	30~1000	961.9	-52.88	<=-27	PASS
			1000~40000	39972.7	-37.34	<=-27	PASS
		5200	30~1000	596.41	-53.26	<=-27	PASS
			1000~40000	39814.1	-38.99	<=-27	PASS
		5240	30~1000	868.59	-53.5	<=-27	PASS
			1000~40000	39993.5	-39.14	<=-27	PASS
11N40SISO	Ant1	5190	30~1000	958.5	-53.36	<=-27	PASS
			1000~40000	39988.3	-39.19	<=-27	PASS
		5230	30~1000	947.44	-54.25	<=-27	PASS
			1000~40000	39794.6	-39.75	<=-27	PASS
11AC20SISO	Ant1	5180	30~1000	935.71	-53.74	<=-27	PASS
			1000~40000	39957.1	-39.01	<=-27	PASS
		5200	30~1000	706.57	-54.11	<=-27	PASS
			1000~40000	39984.4	-38.27	<=-27	PASS
		5240	30~1000	975.28	-54.18	<=-27	PASS
			1000~40000	39500.8	-39.69	<=-27	PASS
11AC40SISO	Ant1	5190	30~1000	865.71	-53.25	<=-27	PASS
			1000~40000	39452.7	-39.07	<=-27	PASS
		5230	30~1000	706.02	-54.08	<=-27	PASS
			1000~40000	39949.3	-39.18	<=-27	PASS
11AC80SISO	Ant1	5210	30~1000	441.77	-54.14	<=-27	PASS
			1000~40000	39459.2	-39.53	<=-27	PASS

8.2.Test Graphs

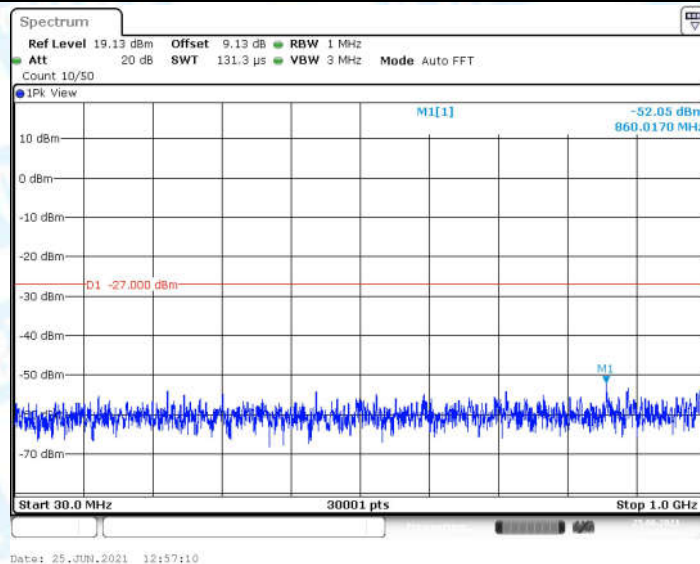
11A_Ant1_5180_30~1000



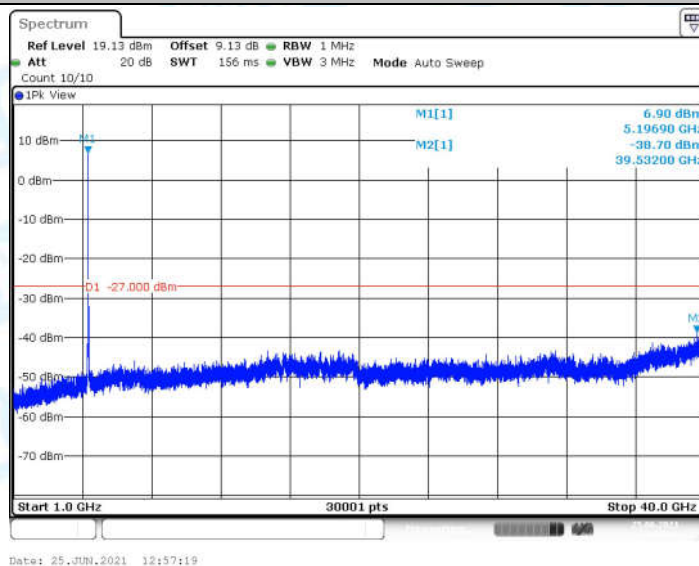
11A_Ant1_5180_1000~40000



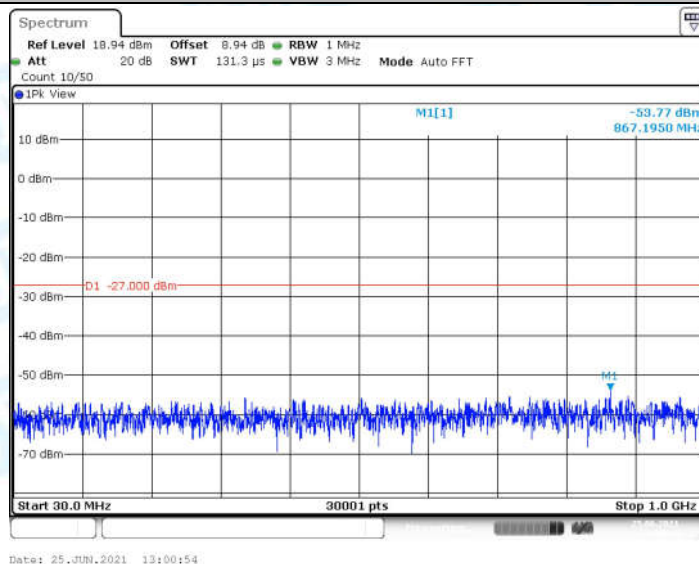
11A_Ant1_5200_30~1000



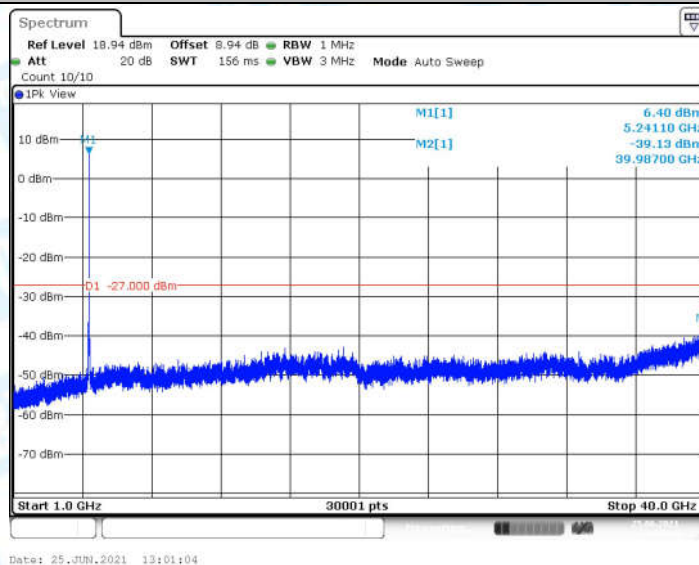
11A Ant1 5200 1000~40000



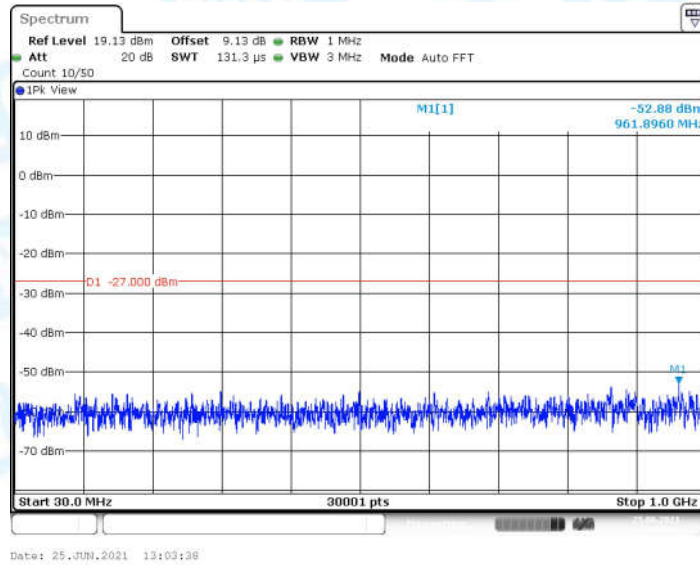
11A	Ant1	5240	30~1000
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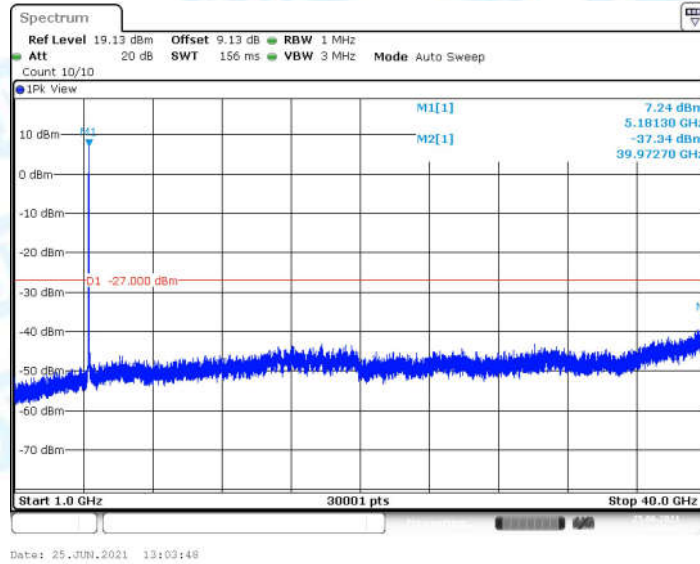
11A_Ant1_5240_1000~40000



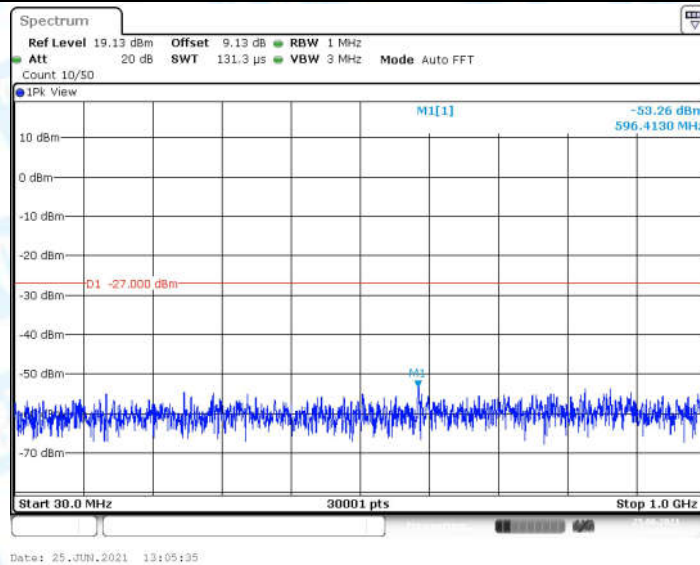
11N20SISO_Ant1_5180_30~1000



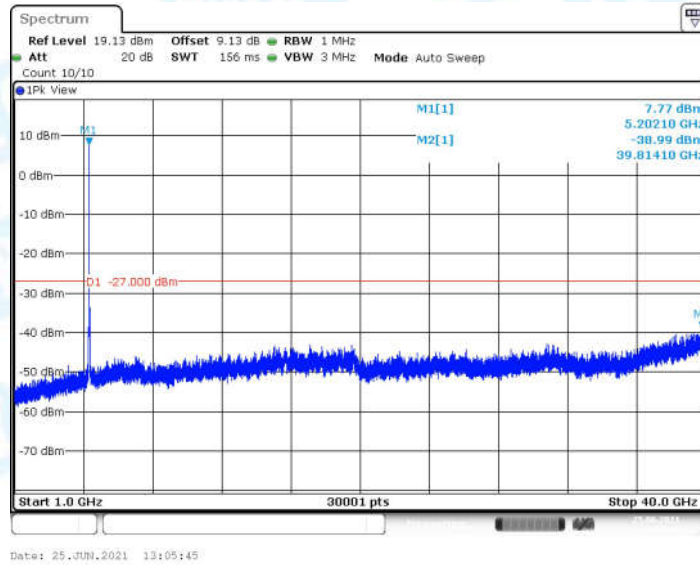
11N20SISO_Ant1_5180_1000~40000



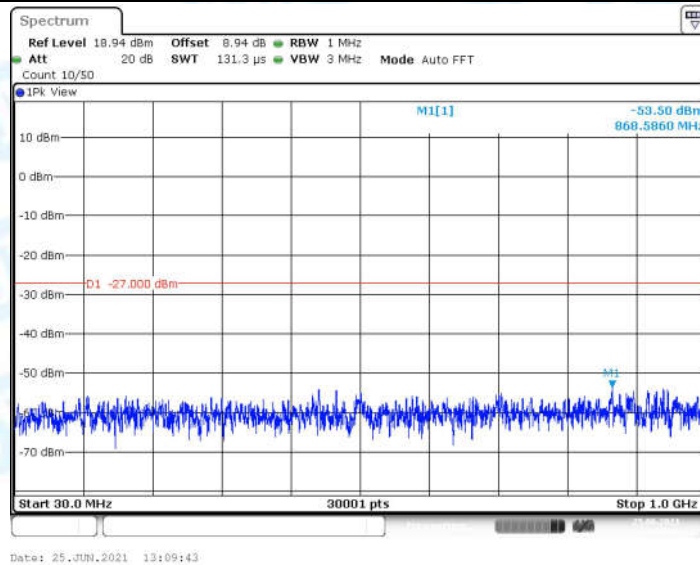
11N20SISO_Ant1_5200_30~1000



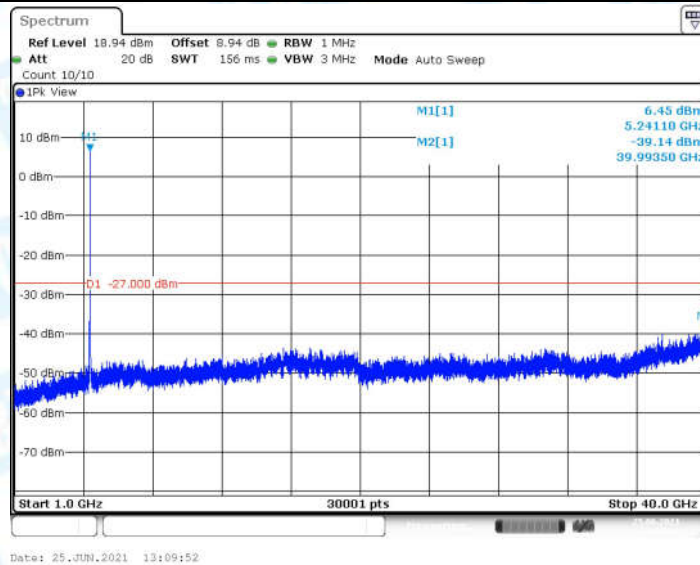
11N20SISO_Ant1_5200_1000~40000



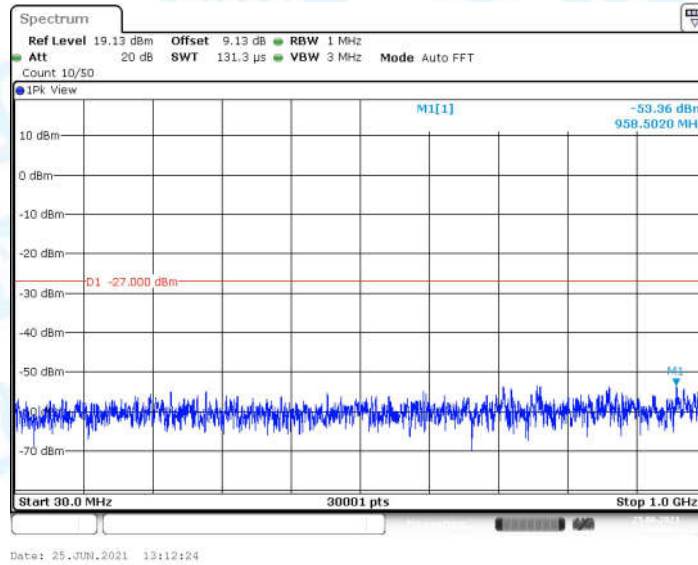
11N20SISO_Ant1_5240_30~1000



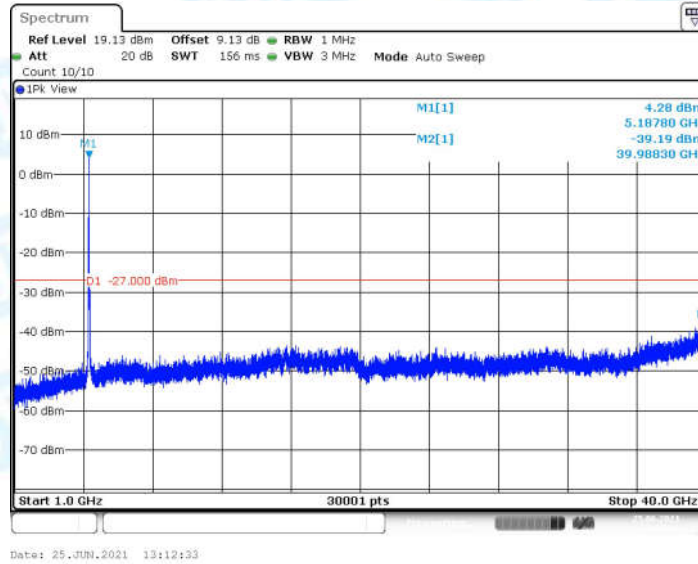
11N20SISO_Ant1_5240_1000~40000



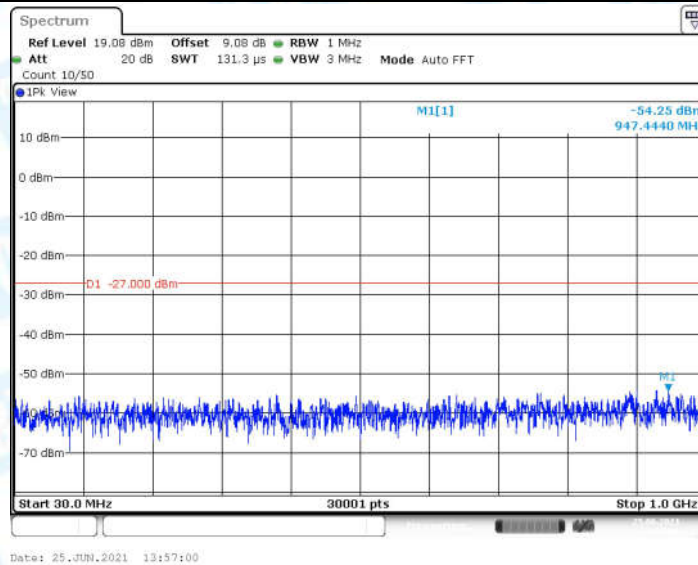
11N40SISO_Ant1_5190_30~1000



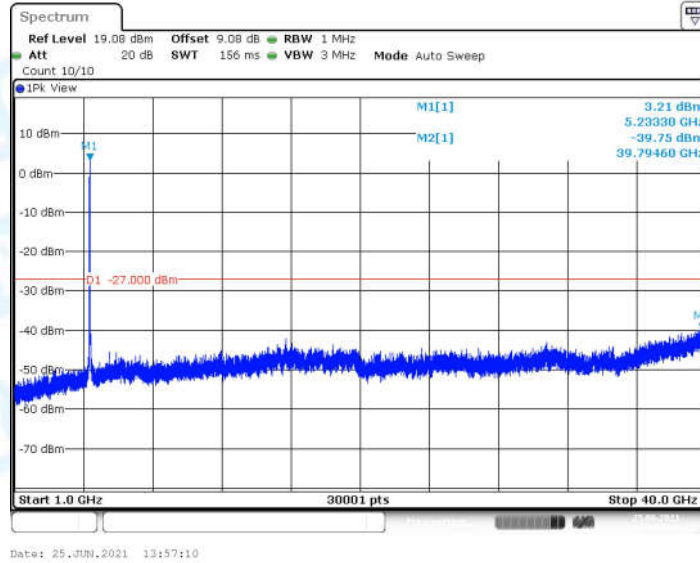
11N40SISO_Ant1_5190_1000~40000



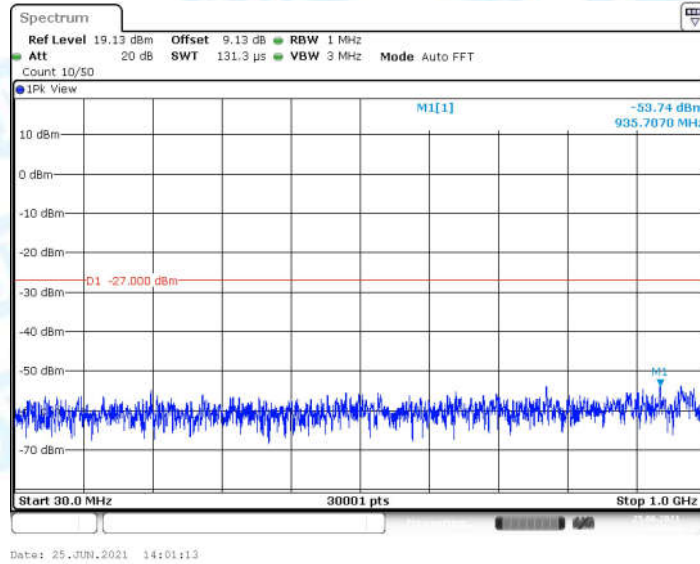
11N40SISO_Ant1_5230_30~1000



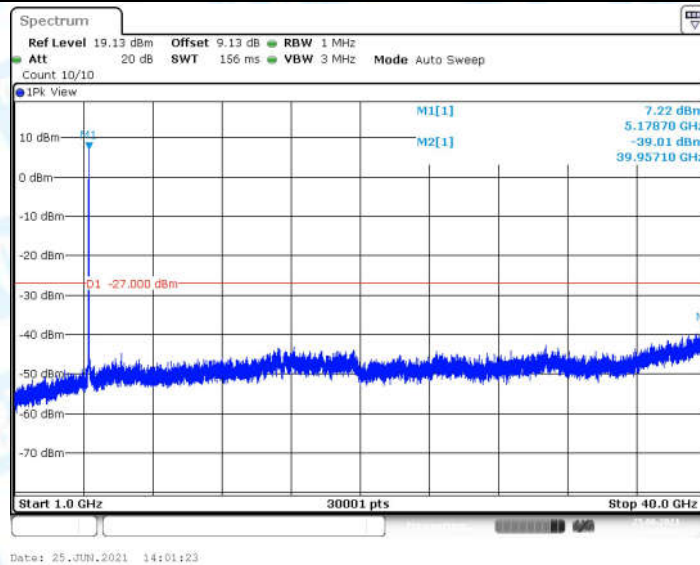
11N40SISO_Ant1_5230_1000~40000



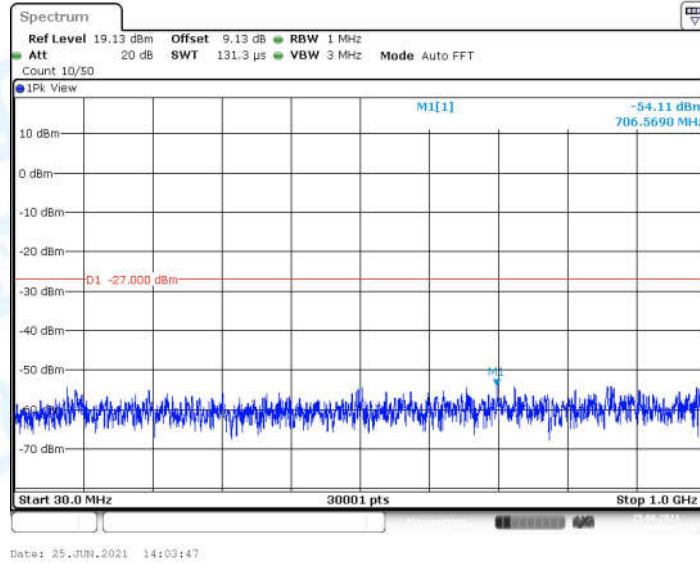
11AC20SISO_Ant1_5180_30~1000



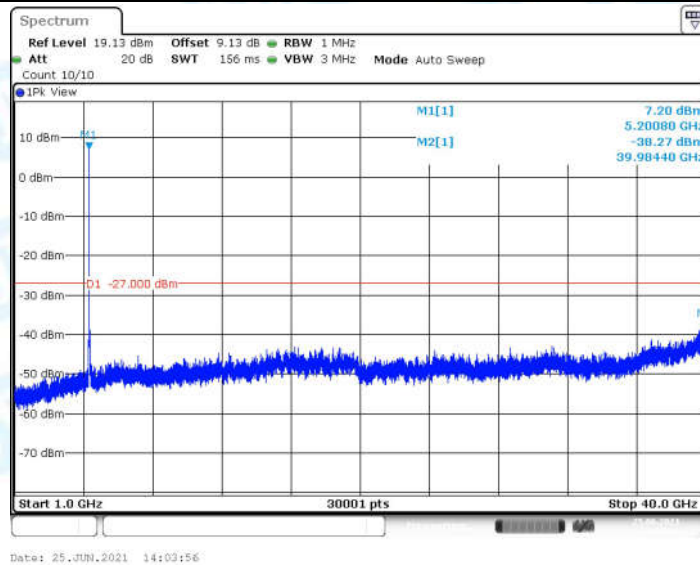
11AC20SISO_Ant1_5180_1000~40000



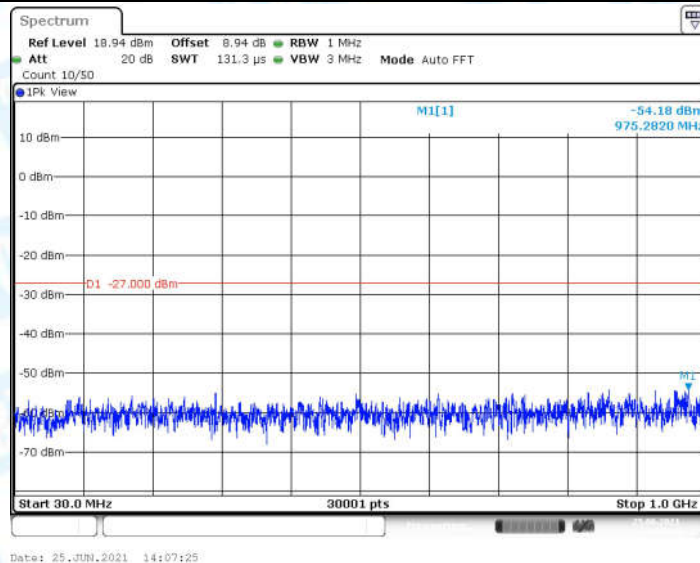
11AC20SISO_Ant1_5200_30~1000



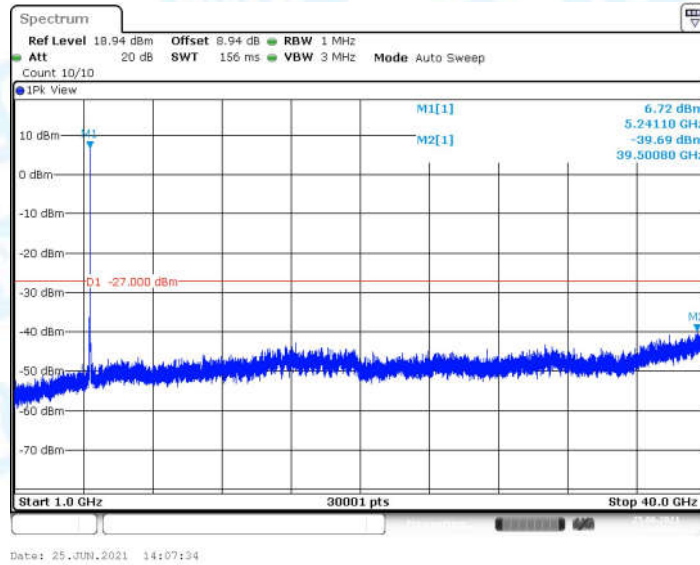
11AC20SISO_Ant1_5200_1000~40000



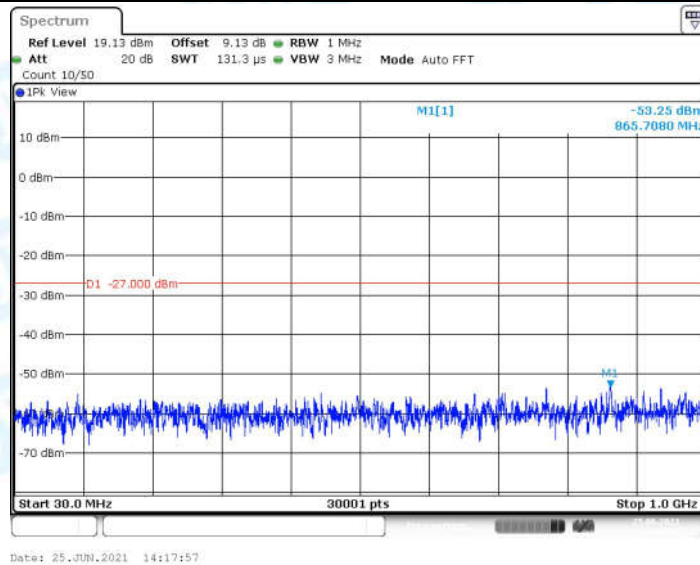
11AC20SISO_Ant1_5240_30~1000



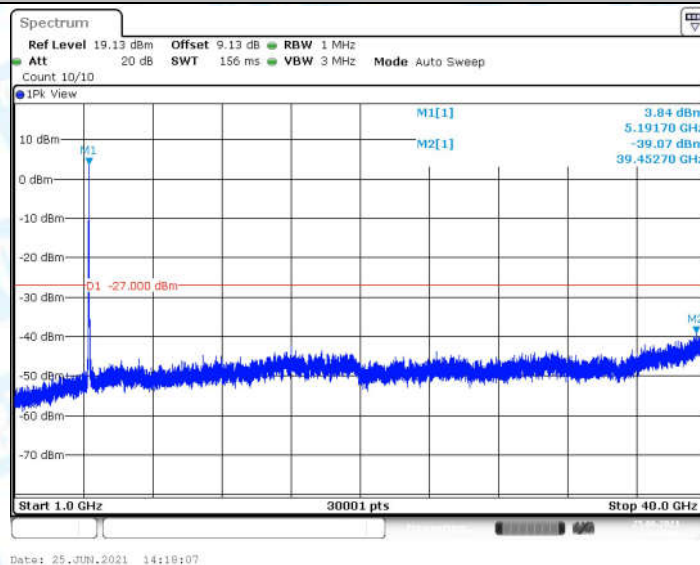
11AC20SISO_Ant1_5240_1000~40000



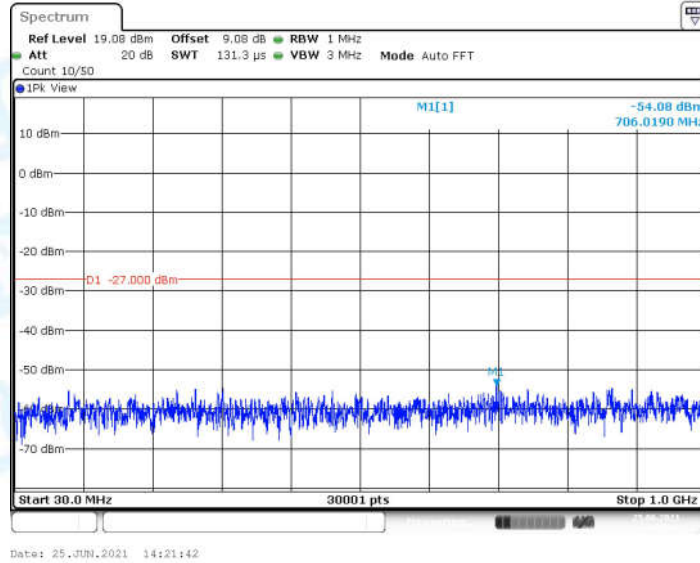
11AC40SISO_Ant1_5190_30~1000



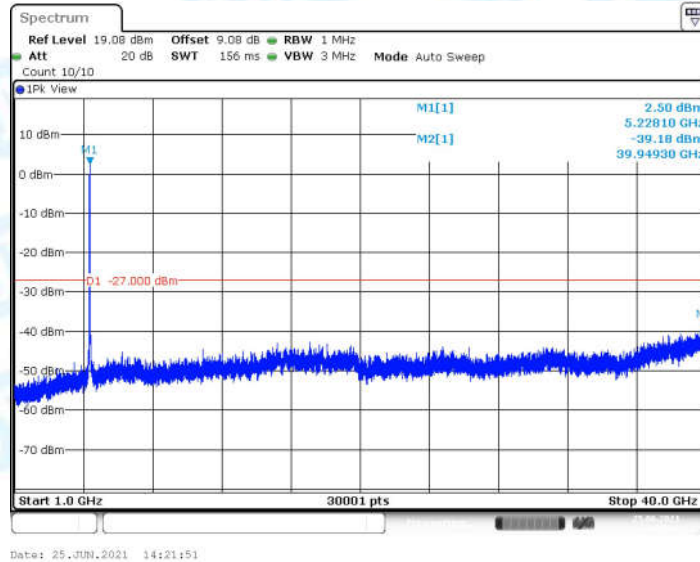
11AC40SISO_Ant1_5190_1000~40000



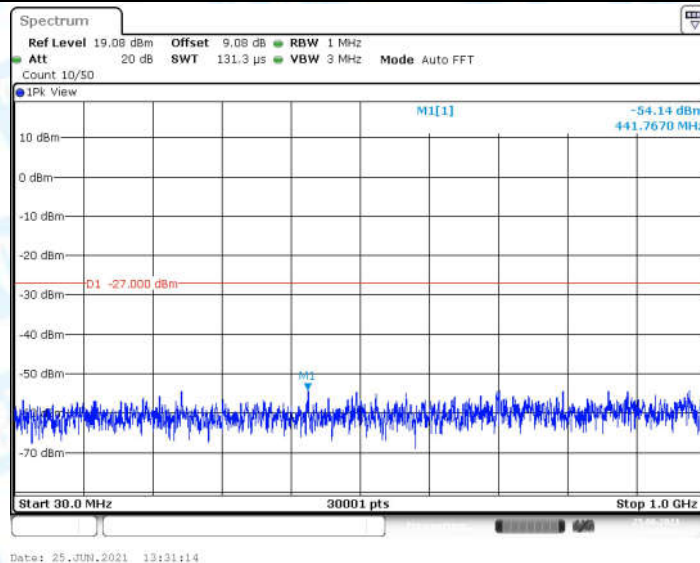
11AC40SISO_Ant1_5230_30~1000



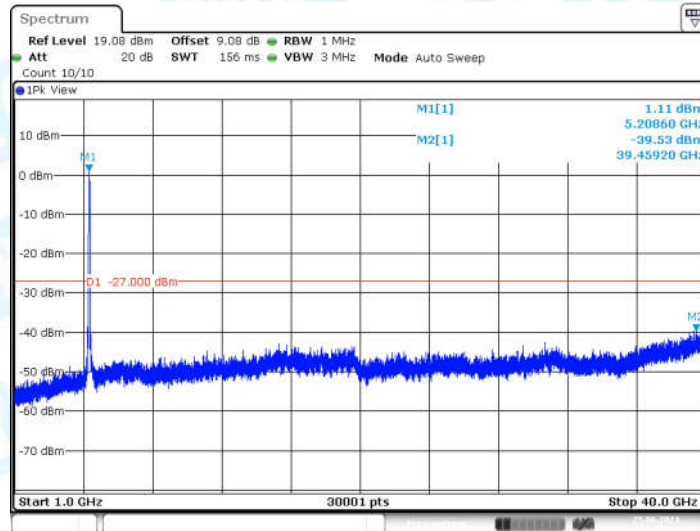
11AC40SISO_Ant1_5230_1000~40000



11AC80SISO_Ant1_5210_30~1000



11AC80SISO_Ant1_5210_1000~40000



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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	52900	10.212355	20	PASS
			LV	NT	52900	10.212355	20	PASS
			HV	NT	52900	10.212355	20	PASS
11N40SISO	Ant1	5190	NV	NT	52900	10.192678	20	PASS
			LV	NT	53900	10.385356	20	PASS
			HV	NT	53900	10.385356	20	PASS
11AC80SISO	Ant1	5210	NV	NT	53900	10.345489	20	PASS
			LV	NT	53900	10.345489	20	PASS
			HV	NT	53900	10.345489	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	53900	10.405405	20	PASS
			NV	-20	53900	10.405405	20	PASS
			NV	-10	52900	10.212355	20	PASS
			NV	0	53900	10.405405	20	PASS
			NV	10	53900	10.405405	20	PASS
			NV	20	53900	10.405405	20	PASS
			NV	30	52900	10.212355	20	PASS
			NV	40	52900	10.212355	20	PASS
			NV	50	52900	10.212355	20	PASS
11N40SISO	Ant1	5190	NV	-30	53900	10.385356	20	PASS
			NV	-20	53900	10.385356	20	PASS
			NV	-10	53900	10.385356	20	PASS
			NV	0	53900	10.385356	20	PASS
			NV	10	53900	10.385356	20	PASS
			NV	20	53900	10.385356	20	PASS
			NV	30	52900	10.192678	20	PASS
			NV	40	53900	10.385356	20	PASS
			NV	50	53900	10.385356	20	PASS
11AC80SISO	Ant1	5210	NV	-30	53900	10.345489	20	PASS
			NV	-20	52900	10.153551	20	PASS
			NV	-10	52900	10.153551	20	PASS
			NV	0	52900	10.153551	20	PASS
			NV	10	53900	10.345489	20	PASS
			NV	20	52900	10.153551	20	PASS
			NV	30	53900	10.345489	20	PASS
			NV	40	53900	10.345489	20	PASS
			NV	50	52900	10.153551	20	PASS

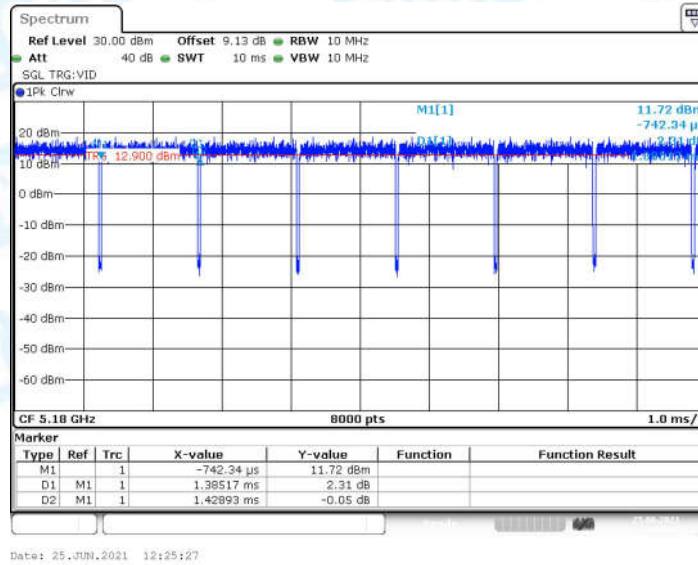
10. Duty Cycle

10.1. Test Result

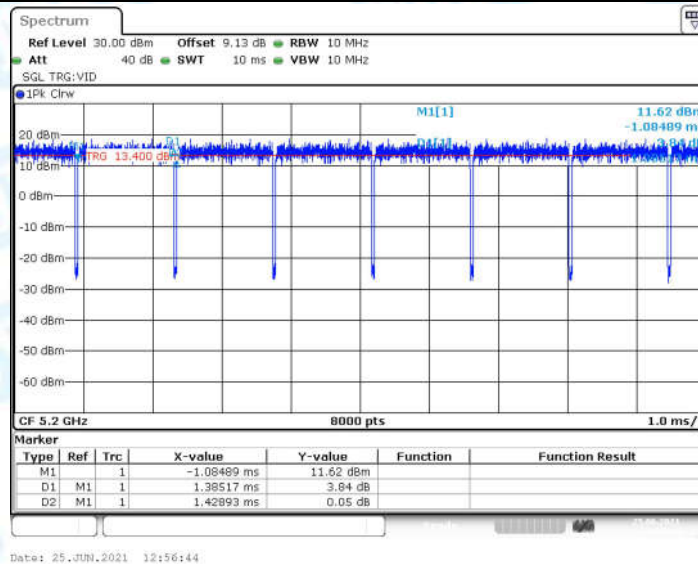
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.43	97.20	---	PASS
		5200	1.39	1.43	97.20	---	PASS
		5240	1.39	1.43	97.20	---	PASS
11N20SISO	Ant1	5180	1.30	1.34	97.01	---	PASS
		5200	1.30	1.34	97.01	---	PASS
		5240	1.30	1.34	97.01	---	PASS
11N40SISO	Ant1	5190	0.64	0.69	92.75	---	PASS
		5230	0.64	0.69	92.75	---	PASS
11AC20SISO	Ant1	5180	1.31	1.35	97.04	---	PASS
		5200	1.31	1.35	97.04	---	PASS
		5240	1.31	1.35	97.04	---	PASS
11AC40SISO	Ant1	5190	0.65	0.69	94.20	---	PASS
		5230	0.65	0.69	94.20	---	PASS
11AC80SISO	Ant1	5210	0.32	0.36	88.89	---	PASS

10.2. Test Graphs

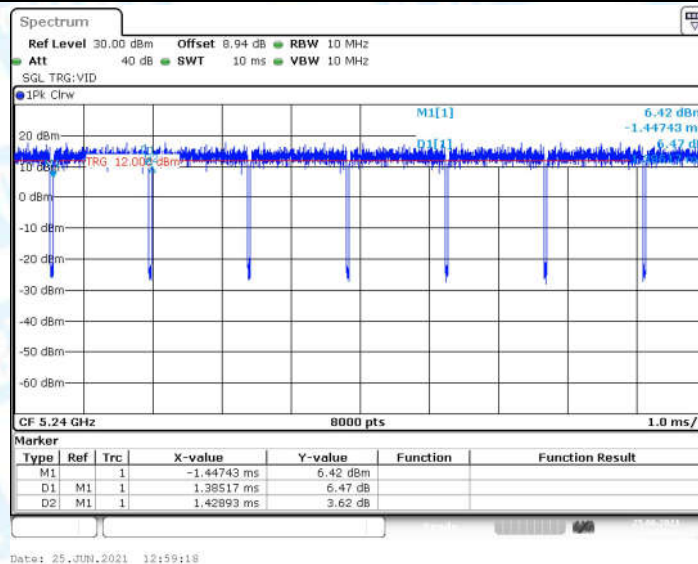
11A_Ant1_5180



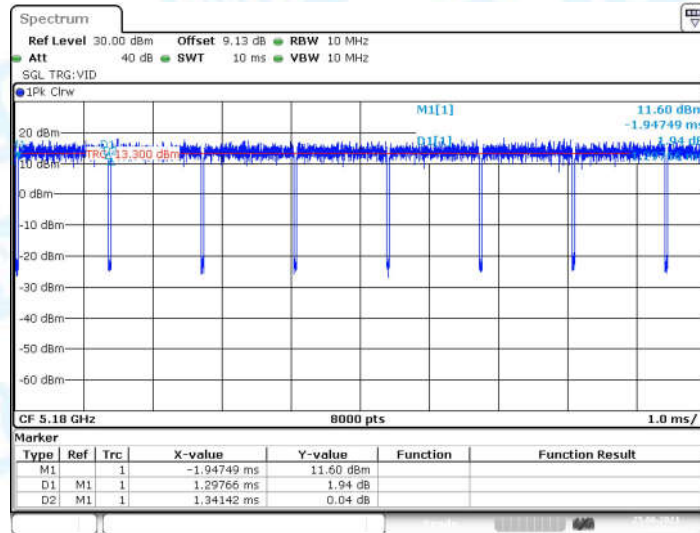
11A_Ant1_5200



11A_Ant1_5240

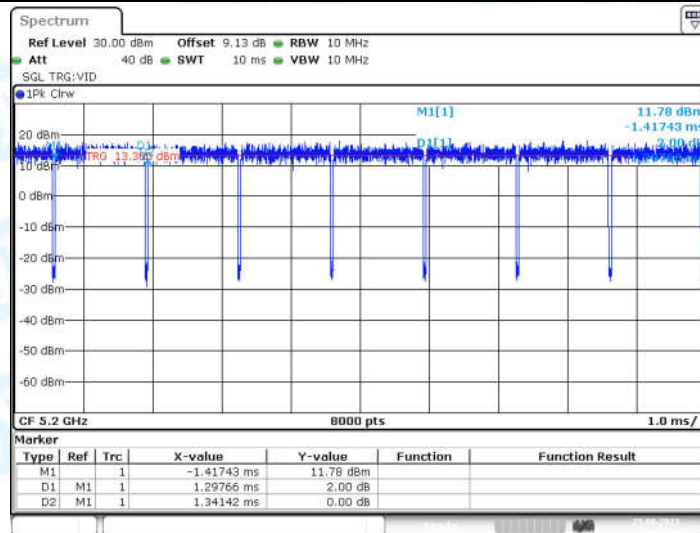


11N20SISO_Ant1_5180



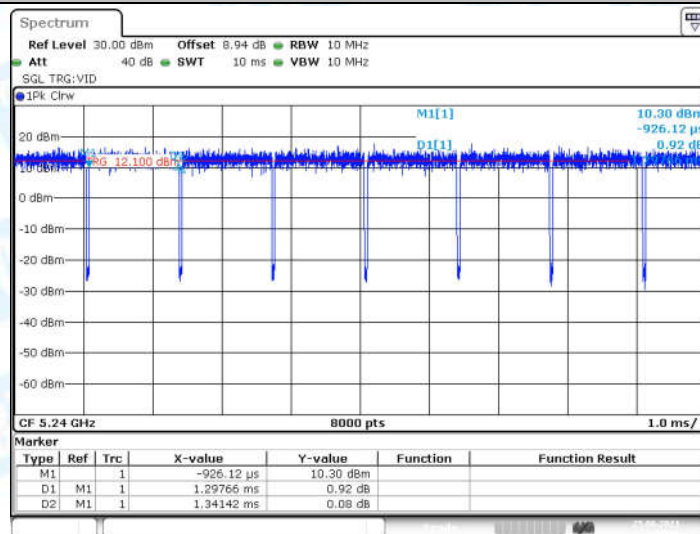
Date: 25 JUN 2021 13:02:02

11N20SISO_Ant1_5200



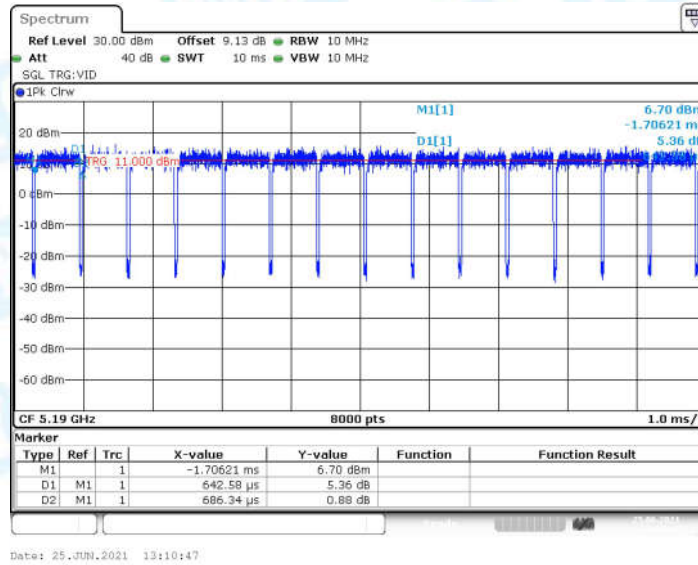
Date: 25 JUN 2021 13:05:10

11N20SISO_Ant1_5240

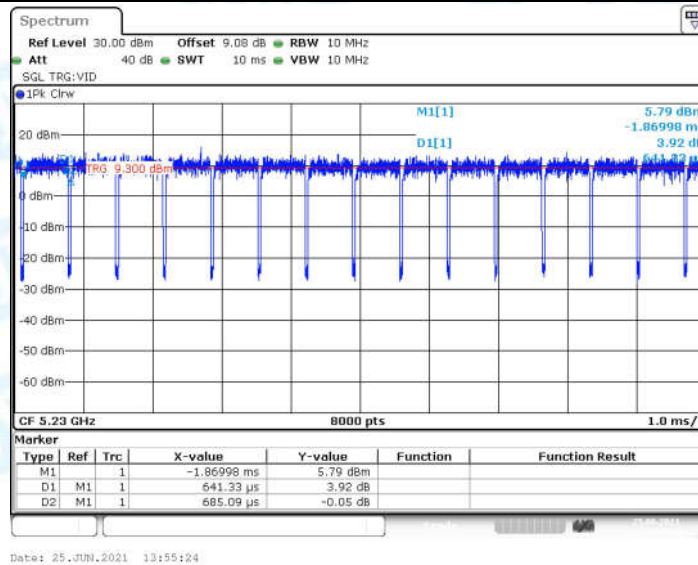


Date: 25 JUN 2021 13:06:06

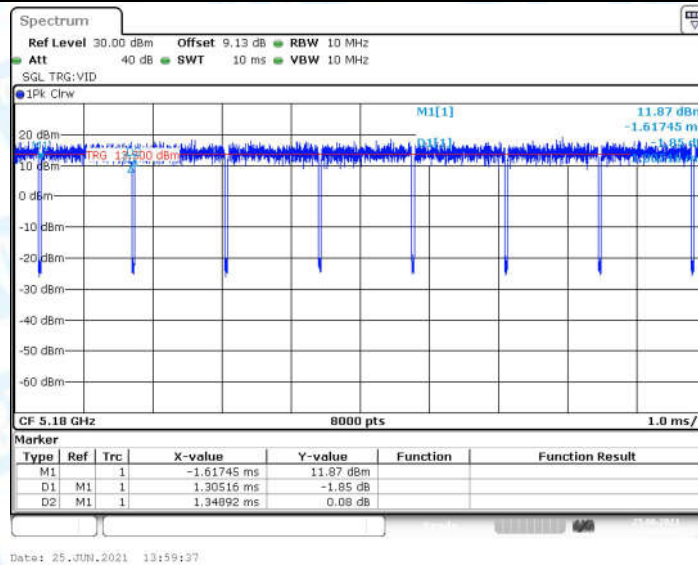
11N40SISO_Ant1_5190



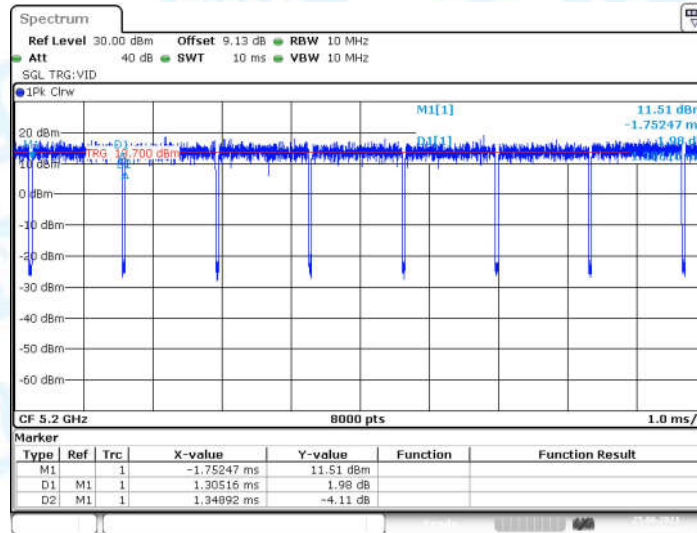
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

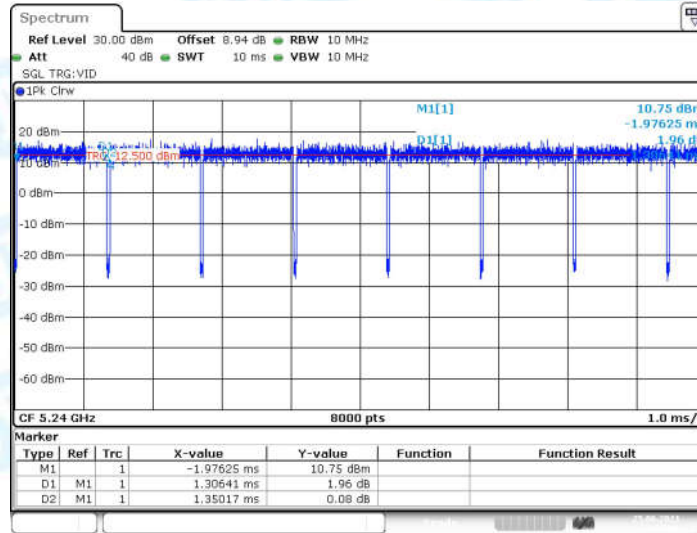


11AC20SISO_Ant1_5200



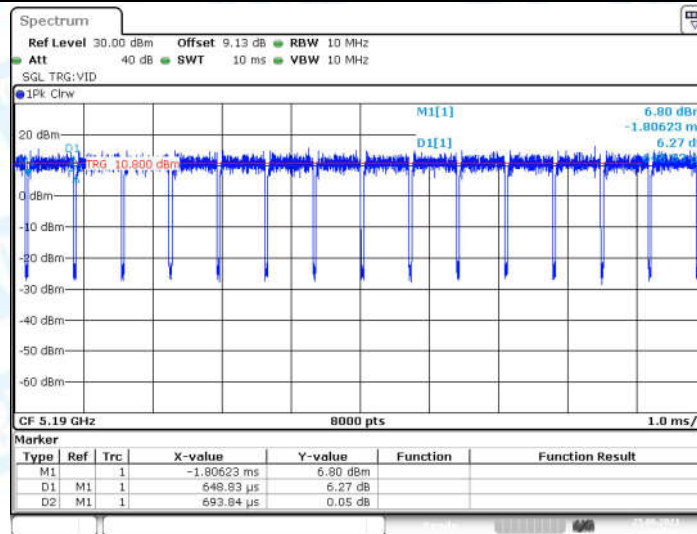
Date: 25 JUN 2021 14:03:21

11AC20SISO_Ant1_5240



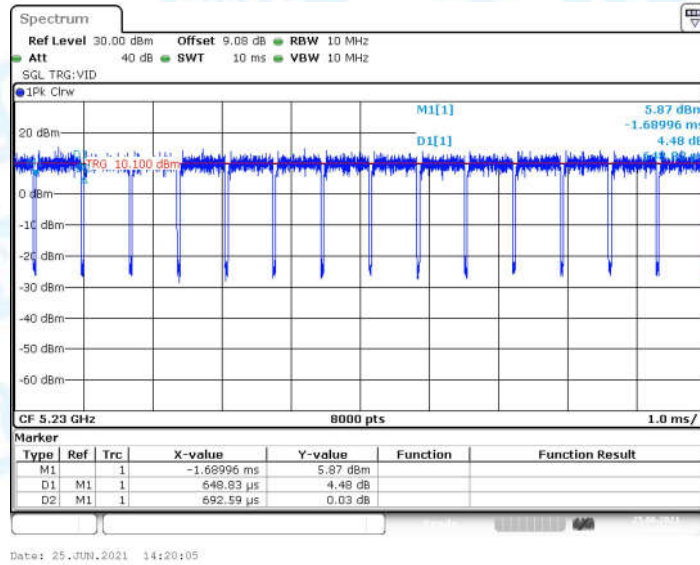
Date: 25 JUN 2021 14:05:48

11AC40SISO_Ant1_5190

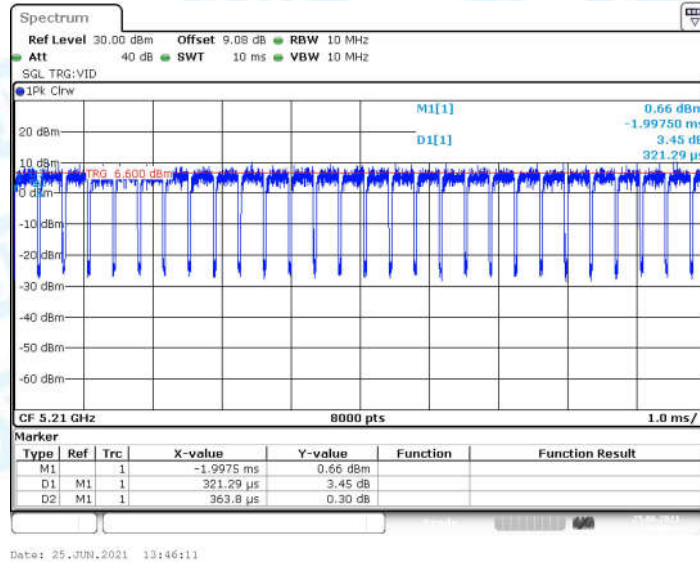


Date: 25 JUN 2021 14:16:21

11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



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