

## Appendix F: Frequency Stability

### Test Result

Voltage								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	2000	0.3861	20	PASS
			LV	NT	3000	0.579151	20	PASS
			HV	NT	3000	0.579151	20	PASS
		5200	NV	NT	3000	0.576923	20	PASS
			LV	NT	4000	0.769231	20	PASS
			HV	NT	4000	0.769231	20	PASS
		5240	NV	NT	4000	0.763359	20	PASS
			LV	NT	4000	0.763359	20	PASS
			HV	NT	4000	0.763359	20	PASS
		5745	NV	NT	4000	0.696258	20	PASS
			LV	NT	4000	0.696258	20	PASS
			HV	NT	4000	0.696258	20	PASS
		5785	NV	NT	4000	0.691443	20	PASS
			LV	NT	4000	0.691443	20	PASS
			HV	NT	4000	0.691443	20	PASS
		5825	NV	NT	4000	0.686695	20	PASS
			LV	NT	4000	0.686695	20	PASS
			HV	NT	4000	0.686695	20	PASS
11N20SISO	Ant1	5180	NV	NT	4000	0.772201	20	PASS
			LV	NT	4000	0.772201	20	PASS
			HV	NT	4000	0.772201	20	PASS
		5200	NV	NT	4000	0.769231	20	PASS
			LV	NT	4000	0.769231	20	PASS
			HV	NT	4000	0.769231	20	PASS
		5240	NV	NT	4000	0.763359	20	PASS
			LV	NT	4000	0.763359	20	PASS
			HV	NT	4000	0.763359	20	PASS
		5745	NV	NT	4000	0.696258	20	PASS
			LV	NT	4000	0.696258	20	PASS
			HV	NT	4000	0.696258	20	PASS
		5785	NV	NT	4000	0.691443	20	PASS
			LV	NT	4000	0.691443	20	PASS
			HV	NT	4000	0.691443	20	PASS
		5825	NV	NT	4000	0.686695	20	PASS
			LV	NT	4000	0.686695	20	PASS
			HV	NT	4000	0.686695	20	PASS



11N40SISO	Ant1	5190	LV	NT	4000	0.686695	20	PASS
			HV	NT	4000	0.686695	20	PASS
			NV	NT	4000	0.770713	20	PASS
		5230	LV	NT	4000	0.770713	20	PASS
			HV	NT	4000	0.770713	20	PASS
			NV	NT	4000	0.764818	20	PASS
		5755	LV	NT	4000	0.764818	20	PASS
			HV	NT	4000	0.764818	20	PASS
			NV	NT	4000	0.695048	20	PASS
		5795	LV	NT	4000	0.695048	20	PASS
			HV	NT	4000	0.695048	20	PASS
			NV	NT	3000	0.517688	20	PASS
11AC20SISO	Ant1	5180	LV	NT	4000	0.69025	20	PASS
			HV	NT	4000	0.69025	20	PASS
			NV	NT	3000	0.579151	20	PASS
		5200	LV	NT	4000	0.772201	20	PASS
			HV	NT	4000	0.772201	20	PASS
			NV	NT	4000	0.769231	20	PASS
		5240	LV	NT	4000	0.769231	20	PASS
			HV	NT	4000	0.769231	20	PASS
			NV	NT	4000	0.763359	20	PASS
		5745	LV	NT	4000	0.763359	20	PASS
			HV	NT	4000	0.763359	20	PASS
			NV	NT	4000	0.696258	20	PASS
		5785	LV	NT	4000	0.696258	20	PASS
			HV	NT	4000	0.696258	20	PASS
			NV	NT	4000	0.691443	20	PASS
11AC40SISO	Ant1	5190	LV	NT	4000	0.691443	20	PASS
			HV	NT	4000	0.691443	20	PASS
			NV	NT	4000	0.686695	20	PASS
		5230	LV	NT	4000	0.686695	20	PASS
			HV	NT	4000	0.686695	20	PASS
			NV	NT	4000	0.770713	20	PASS
		5755	LV	NT	4000	0.770713	20	PASS
			HV	NT	4000	0.770713	20	PASS
			NV	NT	4000	0.764818	20	PASS

11AC80SISO	Ant1	5795	NV	NT	4000	0.69025	20	PASS
			LV	NT	4000	0.69025	20	PASS
			HV	NT	4000	0.69025	20	PASS
		5210	NV	NT	2000	0.383877	20	PASS
			LV	NT	3000	0.575816	20	PASS
			HV	NT	3000	0.575816	20	PASS
		5775	NV	NT	3000	0.519481	20	PASS
			LV	NT	3000	0.519481	20	PASS
			HV	NT	3000	0.519481	20	PASS

Temperature								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	3000	0.579151	20	PASS
			NV	-20	3000	0.579151	20	PASS
			NV	-10	3000	0.579151	20	PASS
			NV	0	4000	0.772201	20	PASS
			NV	10	4000	0.772201	20	PASS
			NV	20	4000	0.772201	20	PASS
			NV	30	4000	0.772201	20	PASS
			NV	40	4000	0.772201	20	PASS
			NV	50	4000	0.772201	20	PASS
		5200	NV	-30	4000	0.769231	20	PASS
			NV	-20	4000	0.769231	20	PASS
			NV	-10	4000	0.769231	20	PASS
			NV	0	4000	0.769231	20	PASS
			NV	10	4000	0.769231	20	PASS
			NV	20	4000	0.769231	20	PASS
			NV	30	4000	0.769231	20	PASS
			NV	40	4000	0.769231	20	PASS
			NV	50	4000	0.769231	20	PASS
		5240	NV	-30	4000	0.763359	20	PASS
			NV	-20	4000	0.763359	20	PASS
			NV	-10	4000	0.763359	20	PASS
			NV	0	4000	0.763359	20	PASS
			NV	10	4000	0.763359	20	PASS
			NV	20	4000	0.763359	20	PASS
			NV	30	4000	0.763359	20	PASS
			NV	40	4000	0.763359	20	PASS
			NV	50	4000	0.763359	20	PASS

11N20SISO	Ant1	5745	NV	-30	4000	0.696258	20	PASS
			NV	-20	4000	0.696258	20	PASS
			NV	-10	4000	0.696258	20	PASS
			NV	0	4000	0.696258	20	PASS
			NV	10	4000	0.696258	20	PASS
			NV	20	4000	0.696258	20	PASS
			NV	30	4000	0.696258	20	PASS
			NV	40	4000	0.696258	20	PASS
			NV	50	4000	0.696258	20	PASS
		5785	NV	-30	4000	0.691443	20	PASS
			NV	-20	4000	0.691443	20	PASS
			NV	-10	4000	0.691443	20	PASS
			NV	0	4000	0.691443	20	PASS
			NV	10	4000	0.691443	20	PASS
			NV	20	4000	0.691443	20	PASS
			NV	30	4000	0.691443	20	PASS
			NV	40	4000	0.691443	20	PASS
			NV	50	4000	0.691443	20	PASS
		5825	NV	-30	4000	0.686695	20	PASS
			NV	-20	4000	0.686695	20	PASS
			NV	-10	4000	0.686695	20	PASS
			NV	0	4000	0.686695	20	PASS
			NV	10	4000	0.686695	20	PASS
			NV	20	4000	0.686695	20	PASS
			NV	30	4000	0.686695	20	PASS
			NV	40	4000	0.686695	20	PASS
			NV	50	4000	0.686695	20	PASS
		5180	NV	-30	4000	0.772201	20	PASS
			NV	-20	4000	0.772201	20	PASS
			NV	-10	4000	0.772201	20	PASS
			NV	0	4000	0.772201	20	PASS
			NV	10	4000	0.772201	20	PASS
			NV	20	4000	0.772201	20	PASS
			NV	30	4000	0.772201	20	PASS
			NV	40	4000	0.772201	20	PASS
			NV	50	4000	0.772201	20	PASS
		5200	NV	-30	4000	0.769231	20	PASS
			NV	-20	4000	0.769231	20	PASS
			NV	-10	4000	0.769231	20	PASS
			NV	0	4000	0.769231	20	PASS
			NV	10	4000	0.769231	20	PASS



			NV	20	4000	0.769231	20	PASS
			NV	30	4000	0.769231	20	PASS
			NV	40	4000	0.769231	20	PASS
			NV	50	4000	0.769231	20	PASS
		5240	NV	-30	4000	0.763359	20	PASS
			NV	-20	4000	0.763359	20	PASS
			NV	-10	4000	0.763359	20	PASS
			NV	0	4000	0.763359	20	PASS
			NV	10	4000	0.763359	20	PASS
			NV	20	4000	0.763359	20	PASS
			NV	30	4000	0.763359	20	PASS
			NV	40	4000	0.763359	20	PASS
			NV	50	4000	0.763359	20	PASS
		5745	NV	-30	4000	0.696258	20	PASS
			NV	-20	4000	0.696258	20	PASS
			NV	-10	4000	0.696258	20	PASS
			NV	0	4000	0.696258	20	PASS
			NV	10	4000	0.696258	20	PASS
			NV	20	4000	0.696258	20	PASS
			NV	30	4000	0.696258	20	PASS
			NV	40	4000	0.696258	20	PASS
			NV	50	4000	0.696258	20	PASS
		5785	NV	-30	4000	0.691443	20	PASS
			NV	-20	4000	0.691443	20	PASS
			NV	-10	4000	0.691443	20	PASS
			NV	0	4000	0.691443	20	PASS
			NV	10	4000	0.691443	20	PASS
			NV	20	4000	0.691443	20	PASS
			NV	30	4000	0.691443	20	PASS
			NV	40	4000	0.691443	20	PASS
			NV	50	4000	0.691443	20	PASS
		5825	NV	-30	4000	0.686695	20	PASS
			NV	-20	4000	0.686695	20	PASS
			NV	-10	4000	0.686695	20	PASS
			NV	0	4000	0.686695	20	PASS
			NV	10	5000	0.858369	20	PASS
			NV	20	4000	0.686695	20	PASS
			NV	30	4000	0.686695	20	PASS
			NV	40	4000	0.686695	20	PASS
			NV	50	4000	0.686695	20	PASS

11N40SISO	Ant1	5190	NV	-30	4000	0.770713	20	PASS
			NV	-20	4000	0.770713	20	PASS
			NV	-10	4000	0.770713	20	PASS
			NV	0	4000	0.770713	20	PASS
			NV	10	4000	0.770713	20	PASS
			NV	20	4000	0.770713	20	PASS
			NV	30	4000	0.770713	20	PASS
			NV	40	4000	0.770713	20	PASS
			NV	50	4000	0.770713	20	PASS
		5230	NV	-30	4000	0.764818	20	PASS
			NV	-20	4000	0.764818	20	PASS
			NV	-10	4000	0.764818	20	PASS
			NV	0	4000	0.764818	20	PASS
			NV	10	4000	0.764818	20	PASS
			NV	20	4000	0.764818	20	PASS
			NV	30	4000	0.764818	20	PASS
			NV	40	4000	0.764818	20	PASS
			NV	50	4000	0.764818	20	PASS
		5755	NV	-30	4000	0.695048	20	PASS
			NV	-20	4000	0.695048	20	PASS
			NV	-10	4000	0.695048	20	PASS
			NV	0	4000	0.695048	20	PASS
			NV	10	4000	0.695048	20	PASS
			NV	20	4000	0.695048	20	PASS
			NV	30	4000	0.695048	20	PASS
			NV	40	4000	0.695048	20	PASS
			NV	50	4000	0.695048	20	PASS
		5795	NV	-30	4000	0.69025	20	PASS
			NV	-20	4000	0.69025	20	PASS
			NV	-10	4000	0.69025	20	PASS
			NV	0	4000	0.69025	20	PASS
			NV	10	4000	0.69025	20	PASS
			NV	20	4000	0.69025	20	PASS
			NV	30	4000	0.69025	20	PASS
			NV	40	4000	0.69025	20	PASS
			NV	50	4000	0.69025	20	PASS
11AC20SISO	Ant1	5180	NV	-30	4000	0.772201	20	PASS
			NV	-20	4000	0.772201	20	PASS
			NV	-10	4000	0.772201	20	PASS
			NV	0	4000	0.772201	20	PASS
			NV	10	4000	0.772201	20	PASS

			NV	20	4000	0.772201	20	PASS
			NV	30	4000	0.772201	20	PASS
			NV	40	4000	0.772201	20	PASS
			NV	50	4000	0.772201	20	PASS
		5200	NV	-30	4000	0.769231	20	PASS
			NV	-20	4000	0.769231	20	PASS
			NV	-10	4000	0.769231	20	PASS
			NV	0	4000	0.769231	20	PASS
			NV	10	4000	0.769231	20	PASS
			NV	20	4000	0.769231	20	PASS
			NV	30	4000	0.769231	20	PASS
			NV	40	4000	0.769231	20	PASS
			NV	50	4000	0.769231	20	PASS
		5240	NV	-30	4000	0.763359	20	PASS
			NV	-20	4000	0.763359	20	PASS
			NV	-10	4000	0.763359	20	PASS
			NV	0	4000	0.763359	20	PASS
			NV	10	4000	0.763359	20	PASS
			NV	20	4000	0.763359	20	PASS
			NV	30	4000	0.763359	20	PASS
			NV	40	4000	0.763359	20	PASS
		5745	NV	50	4000	0.763359	20	PASS
			NV	-30	4000	0.696258	20	PASS
			NV	-20	4000	0.696258	20	PASS
			NV	-10	5000	0.870322	20	PASS
			NV	0	4000	0.696258	20	PASS
			NV	10	4000	0.696258	20	PASS
			NV	20	4000	0.696258	20	PASS
			NV	30	4000	0.696258	20	PASS
		5785	NV	40	4000	0.696258	20	PASS
			NV	50	4000	0.696258	20	PASS
			NV	-30	4000	0.691443	20	PASS
			NV	-20	4000	0.691443	20	PASS
			NV	-10	4000	0.691443	20	PASS
			NV	0	4000	0.691443	20	PASS
			NV	10	4000	0.691443	20	PASS
			NV	20	4000	0.691443	20	PASS
			NV	30	4000	0.691443	20	PASS
			NV	40	4000	0.691443	20	PASS
			NV	50	4000	0.691443	20	PASS

11AC40SISO	Ant1	5825	NV	-30	4000	0.686695	20	PASS
			NV	-20	4000	0.686695	20	PASS
			NV	-10	4000	0.686695	20	PASS
			NV	0	4000	0.686695	20	PASS
			NV	10	4000	0.686695	20	PASS
			NV	20	4000	0.686695	20	PASS
			NV	30	4000	0.686695	20	PASS
			NV	40	4000	0.686695	20	PASS
			NV	50	4000	0.686695	20	PASS
		5190	NV	-30	4000	0.770713	20	PASS
			NV	-20	4000	0.770713	20	PASS
			NV	-10	4000	0.770713	20	PASS
			NV	0	4000	0.770713	20	PASS
			NV	10	4000	0.770713	20	PASS
			NV	20	4000	0.770713	20	PASS
			NV	30	4000	0.770713	20	PASS
			NV	40	4000	0.770713	20	PASS
			NV	50	4000	0.770713	20	PASS
		5230	NV	-30	4000	0.764818	20	PASS
			NV	-20	4000	0.764818	20	PASS
			NV	-10	4000	0.764818	20	PASS
			NV	0	4000	0.764818	20	PASS
			NV	10	4000	0.764818	20	PASS
			NV	20	4000	0.764818	20	PASS
			NV	30	4000	0.764818	20	PASS
			NV	40	4000	0.764818	20	PASS
			NV	50	4000	0.764818	20	PASS
		5755	NV	-30	4000	0.695048	20	PASS
			NV	-20	4000	0.695048	20	PASS
			NV	-10	4000	0.695048	20	PASS
			NV	0	4000	0.695048	20	PASS
			NV	10	4000	0.695048	20	PASS
			NV	20	4000	0.695048	20	PASS
			NV	30	4000	0.695048	20	PASS
			NV	40	4000	0.695048	20	PASS
			NV	50	4000	0.695048	20	PASS
		5795	NV	-30	4000	0.69025	20	PASS
			NV	-20	4000	0.69025	20	PASS
			NV	-10	4000	0.69025	20	PASS
			NV	0	4000	0.69025	20	PASS
			NV	10	4000	0.69025	20	PASS

11AC80SISO	Ant1		NV	20	4000	0.69025	20	PASS
			NV	30	5000	0.862813	20	PASS
			NV	40	4000	0.69025	20	PASS
			NV	50	4000	0.69025	20	PASS
		5210	NV	-30	3000	0.575816	20	PASS
			NV	-20	3000	0.575816	20	PASS
			NV	-10	3000	0.575816	20	PASS
			NV	0	3000	0.575816	20	PASS
			NV	10	3000	0.575816	20	PASS
			NV	20	3000	0.575816	20	PASS
			NV	30	3000	0.575816	20	PASS
			NV	40	3000	0.575816	20	PASS
			NV	50	3000	0.575816	20	PASS
		5775	NV	-30	4000	0.692641	20	PASS
			NV	-20	4000	0.692641	20	PASS
			NV	-10	4000	0.692641	20	PASS
			NV	0	4000	0.692641	20	PASS
			NV	10	4000	0.692641	20	PASS
			NV	20	4000	0.692641	20	PASS
			NV	30	4000	0.692641	20	PASS
			NV	40	4000	0.692641	20	PASS
			NV	50	4000	0.692641	20	PASS

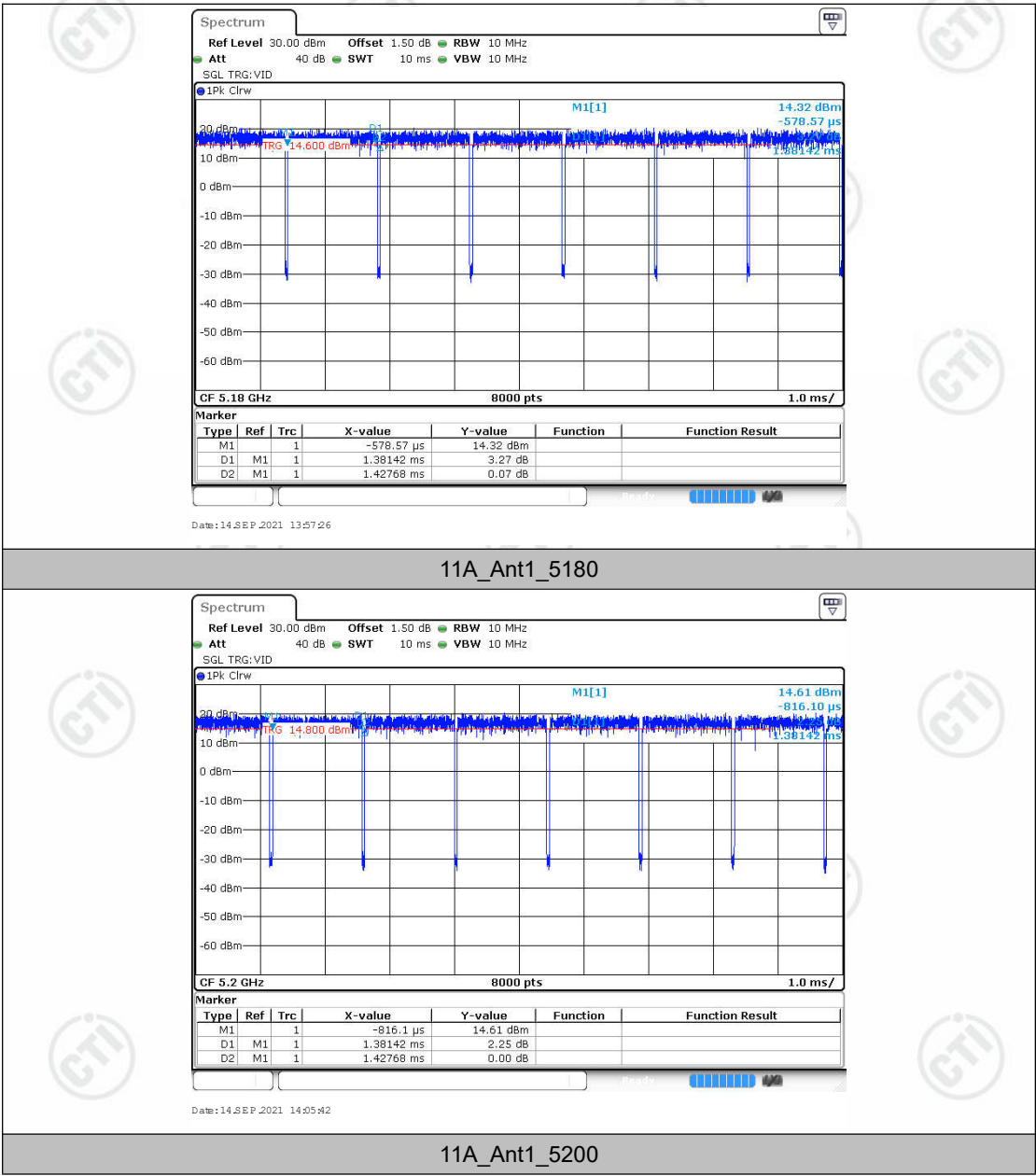


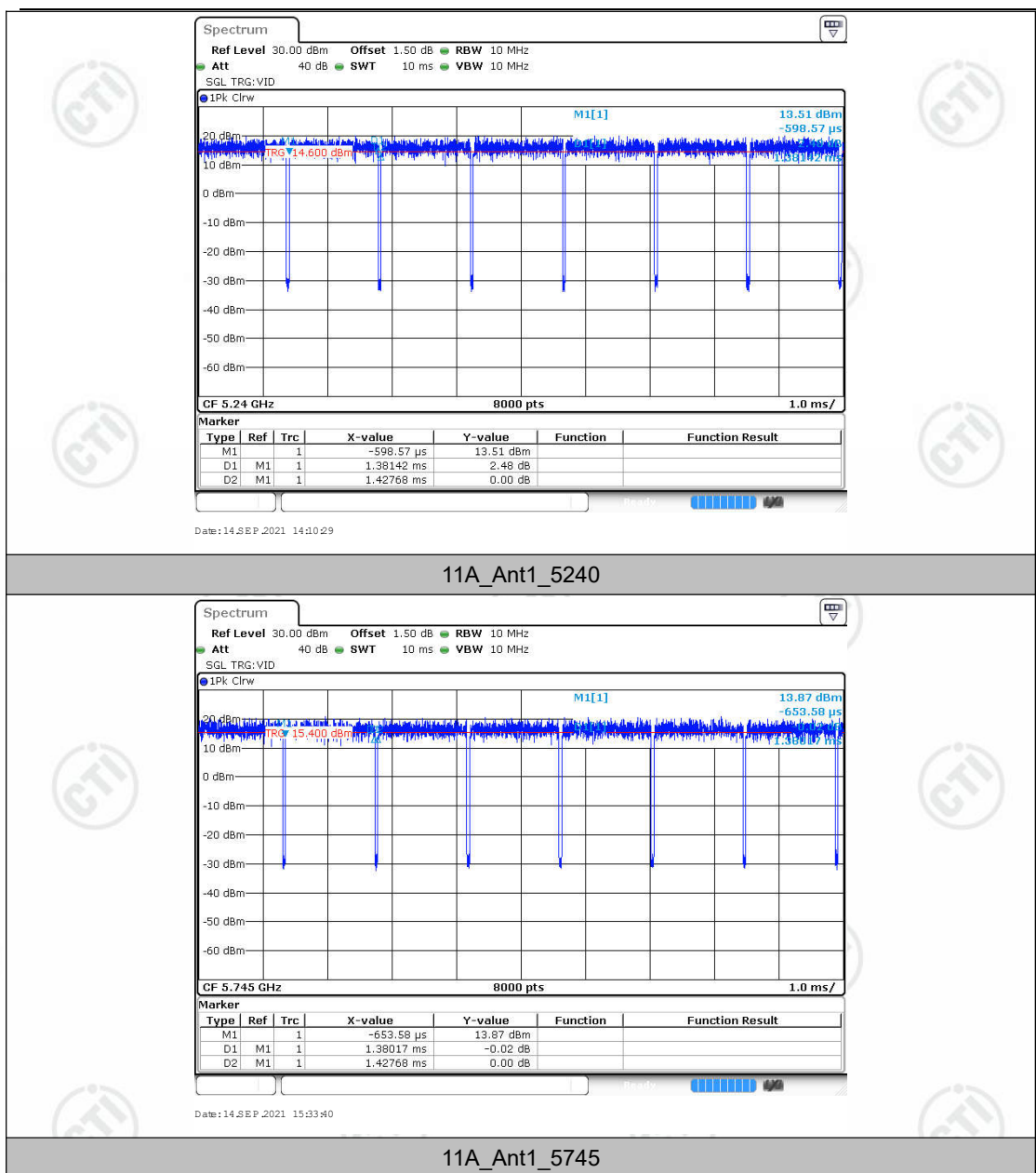
## Appendix G: Duty Cycle

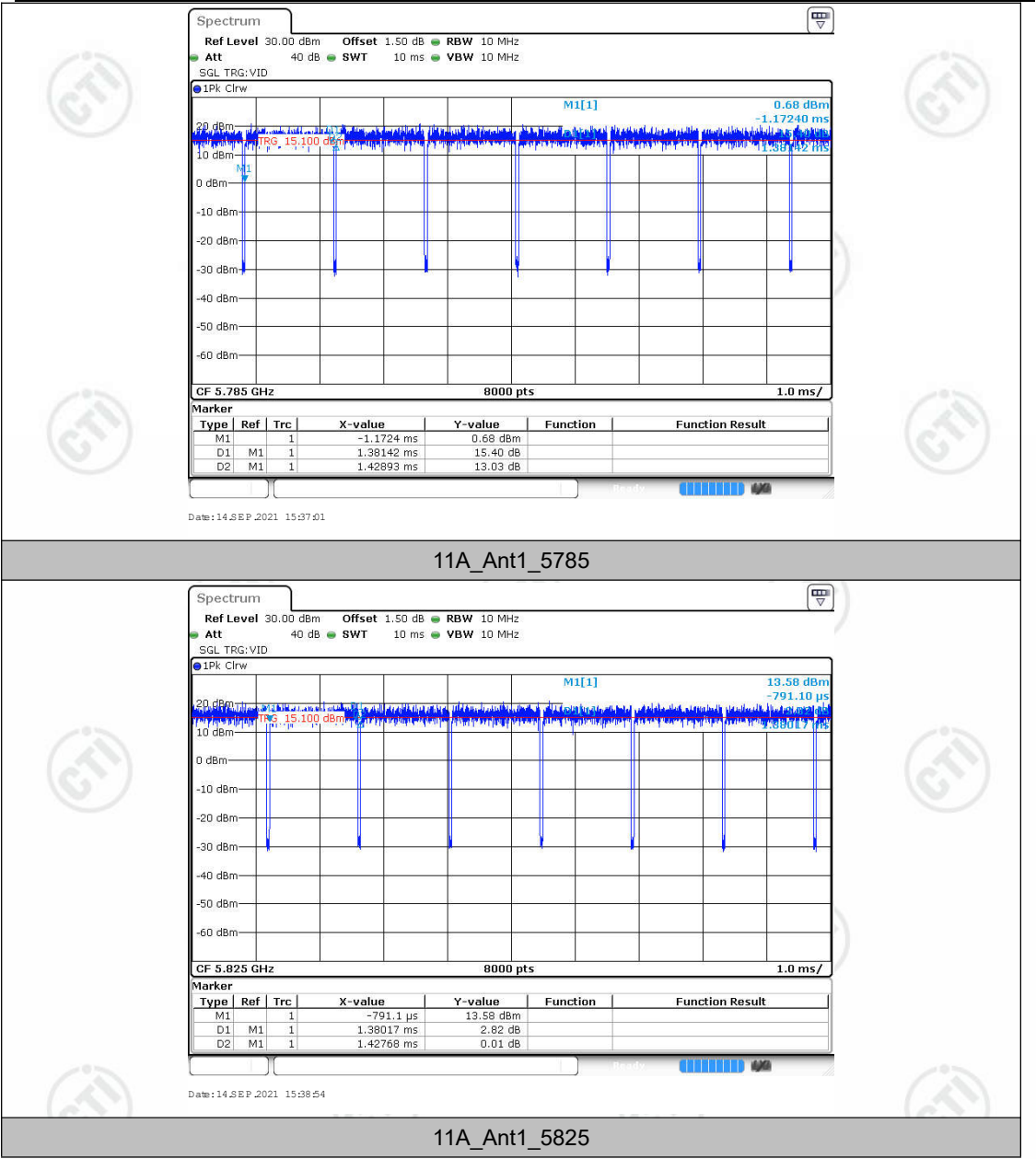
### Test Result

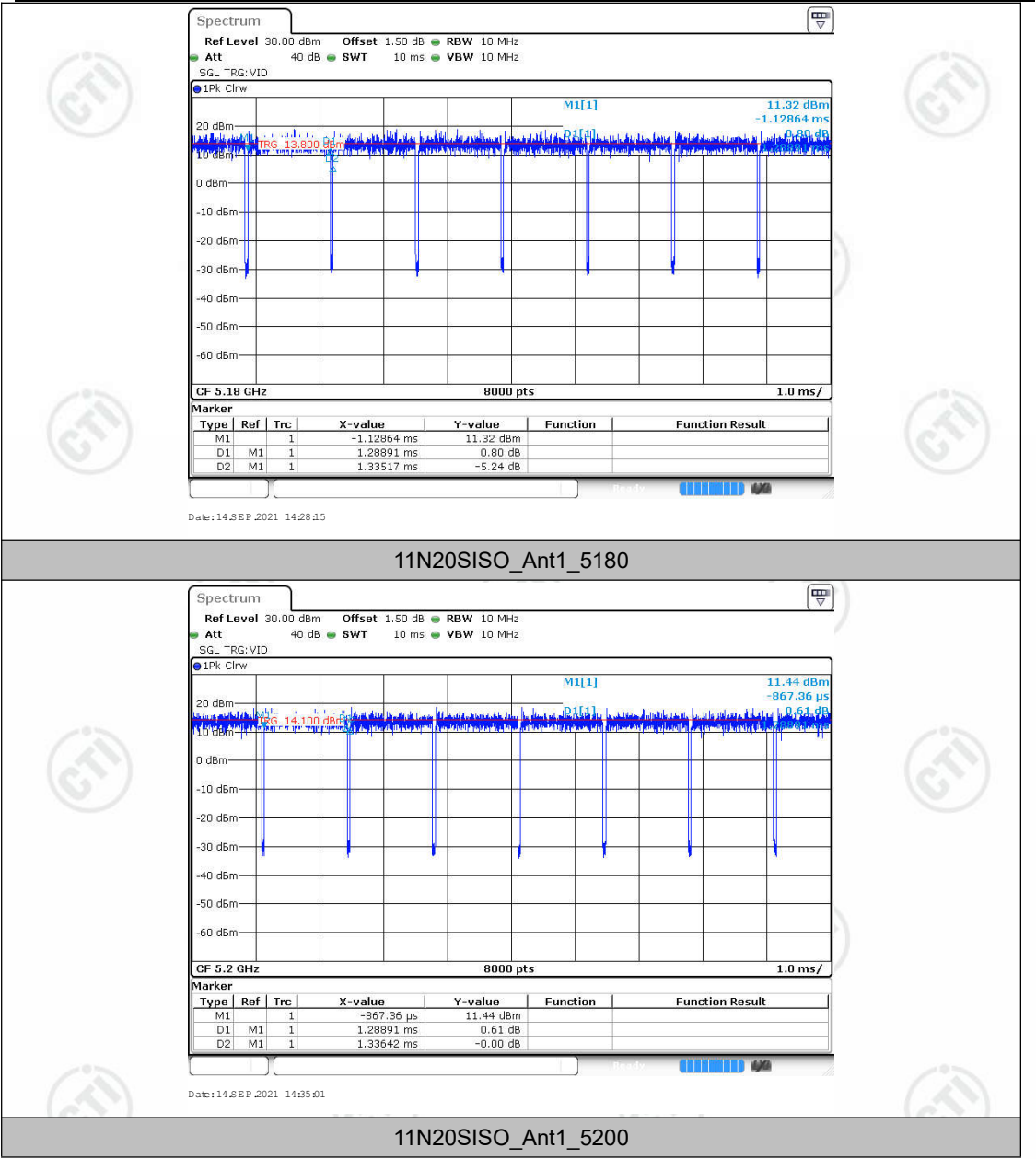
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.38	1.43	96.50	---	PASS
		5200	1.38	1.43	96.50	---	PASS
		5240	1.38	1.43	96.50	---	PASS
		5745	1.38	1.43	96.50	---	PASS
		5785	1.38	1.43	96.50	---	PASS
		5825	1.38	1.43	96.50	---	PASS
11N20SISO	Ant1	5180	1.29	1.34	96.27	---	PASS
		5200	1.29	1.34	96.27	---	PASS
		5240	1.29	1.34	96.27	---	PASS
		5745	1.29	1.34	96.27	---	PASS
		5785	1.29	1.34	96.27	---	PASS
		5825	1.29	1.34	96.27	---	PASS
11N40SISO	Ant1	5190	0.64	0.69	92.75	---	PASS
		5230	0.64	0.69	92.75	---	PASS
		5755	0.64	0.69	92.75	---	PASS
		5795	0.64	0.69	92.75	---	PASS
11AC20SISO	Ant1	5180	1.30	1.35	96.30	---	PASS
		5200	1.30	1.35	96.30	---	PASS
		5240	1.30	1.35	96.30	---	PASS
		5745	1.30	1.35	96.30	---	PASS
		5785	1.30	1.35	96.30	---	PASS
		5825	1.30	1.35	96.30	---	PASS
11AC40SISO	Ant1	5190	0.65	0.69	94.20	---	PASS
		5230	0.65	0.69	94.20	---	PASS
		5755	0.65	0.69	94.20	---	PASS
		5795	0.65	0.69	94.20	---	PASS
11AC80SISO	Ant1	5210	0.32	0.37	86.49	---	PASS
		5775	0.32	0.37	86.49	---	PASS

Test Graphs

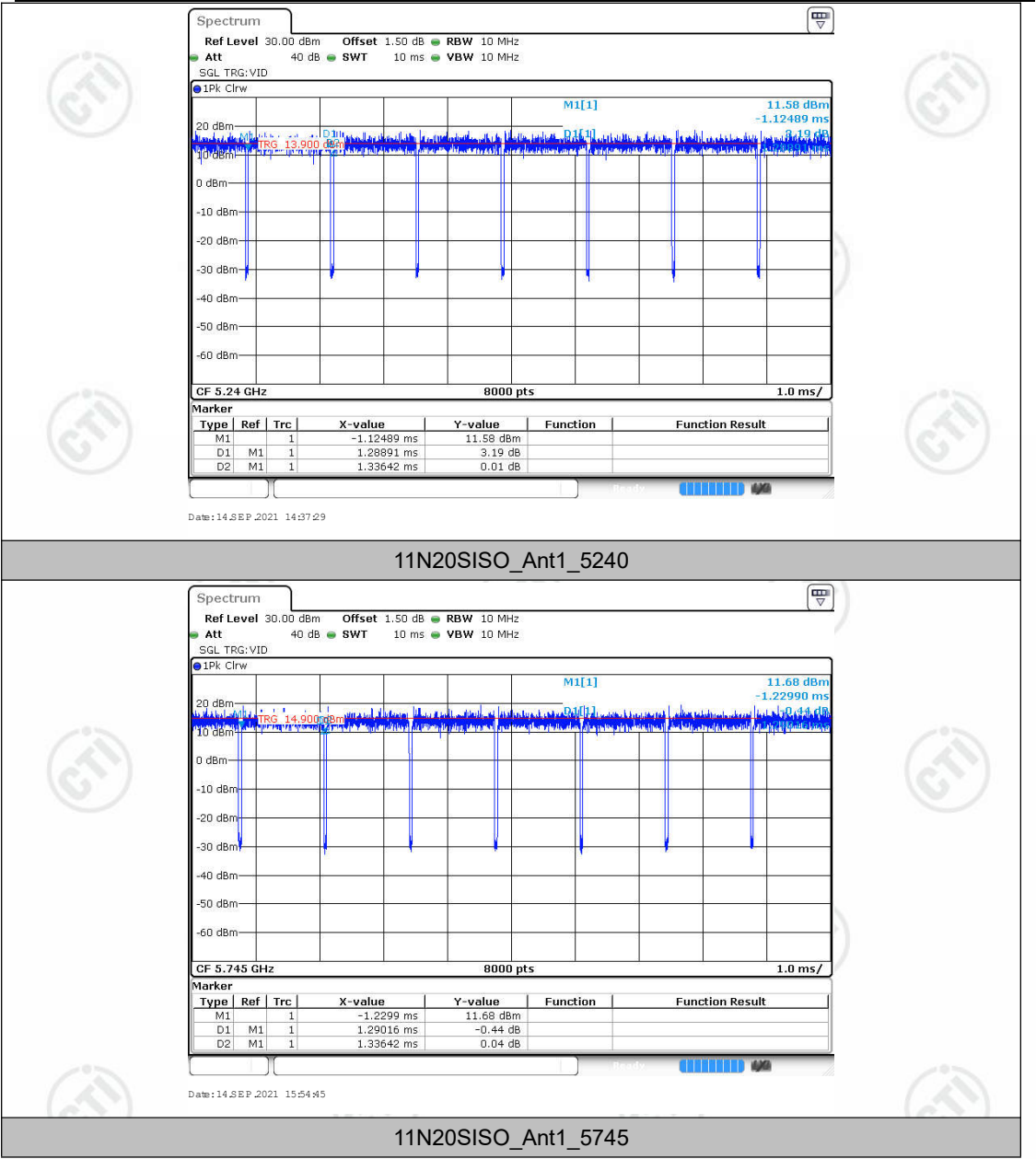


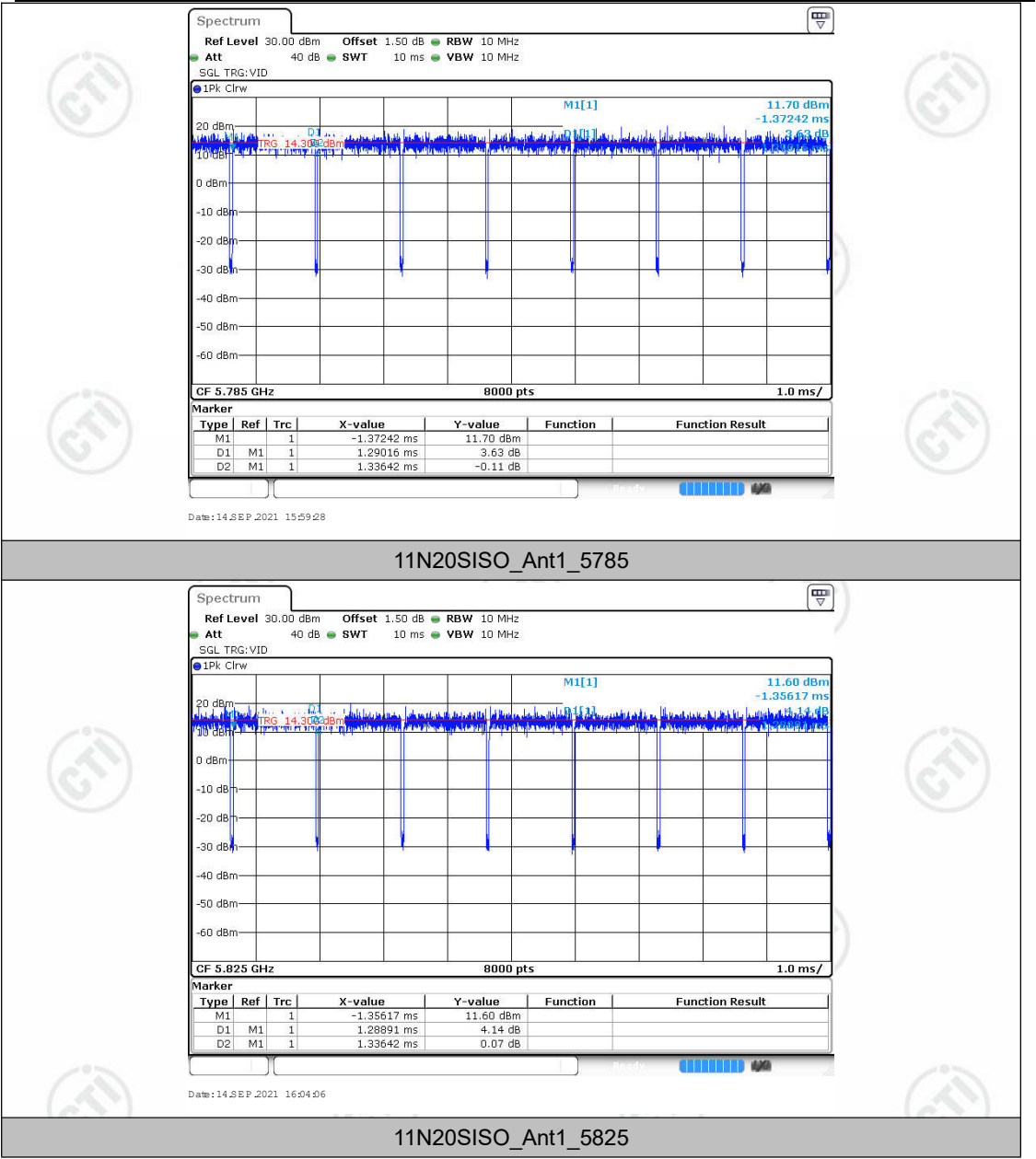


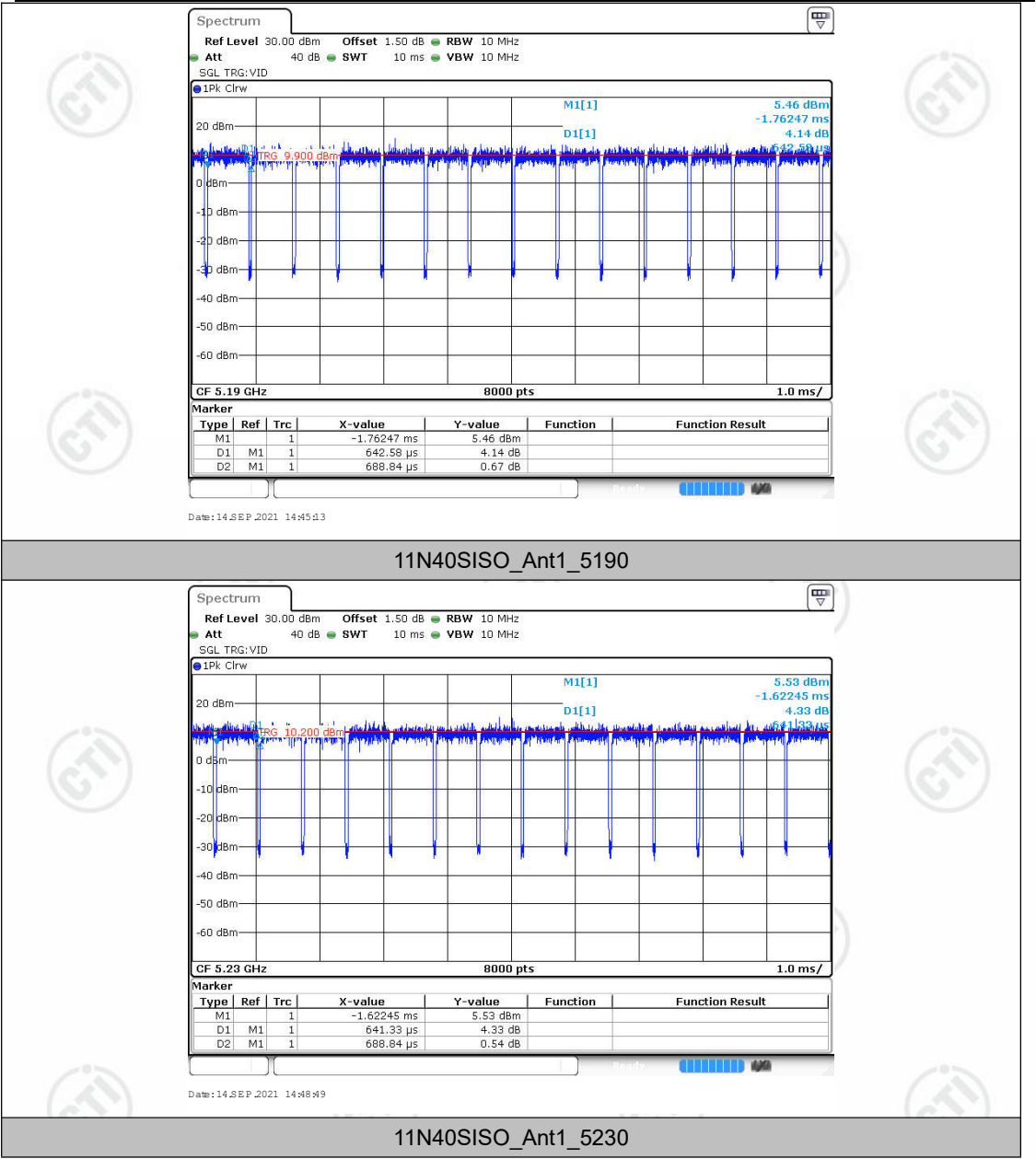


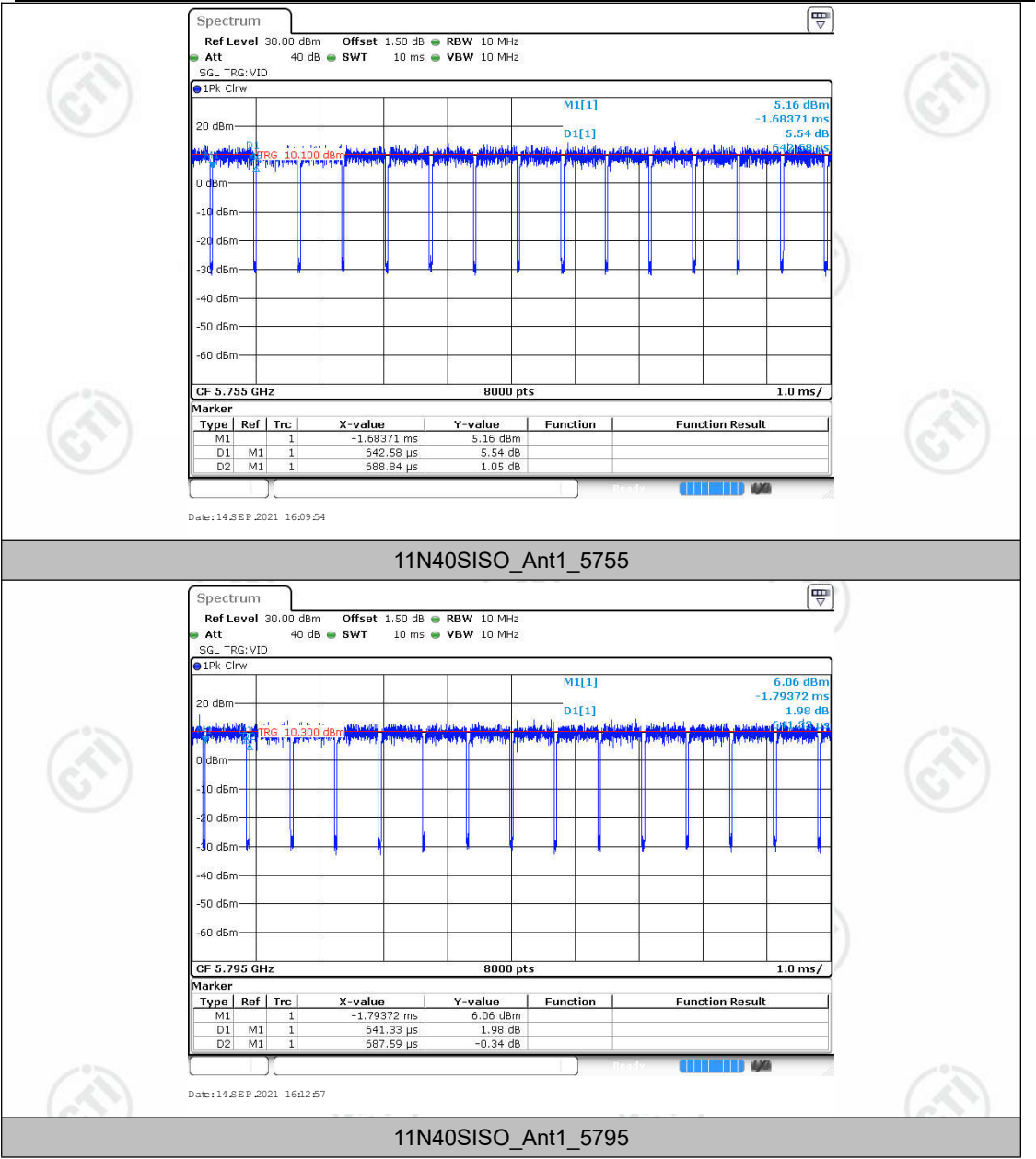


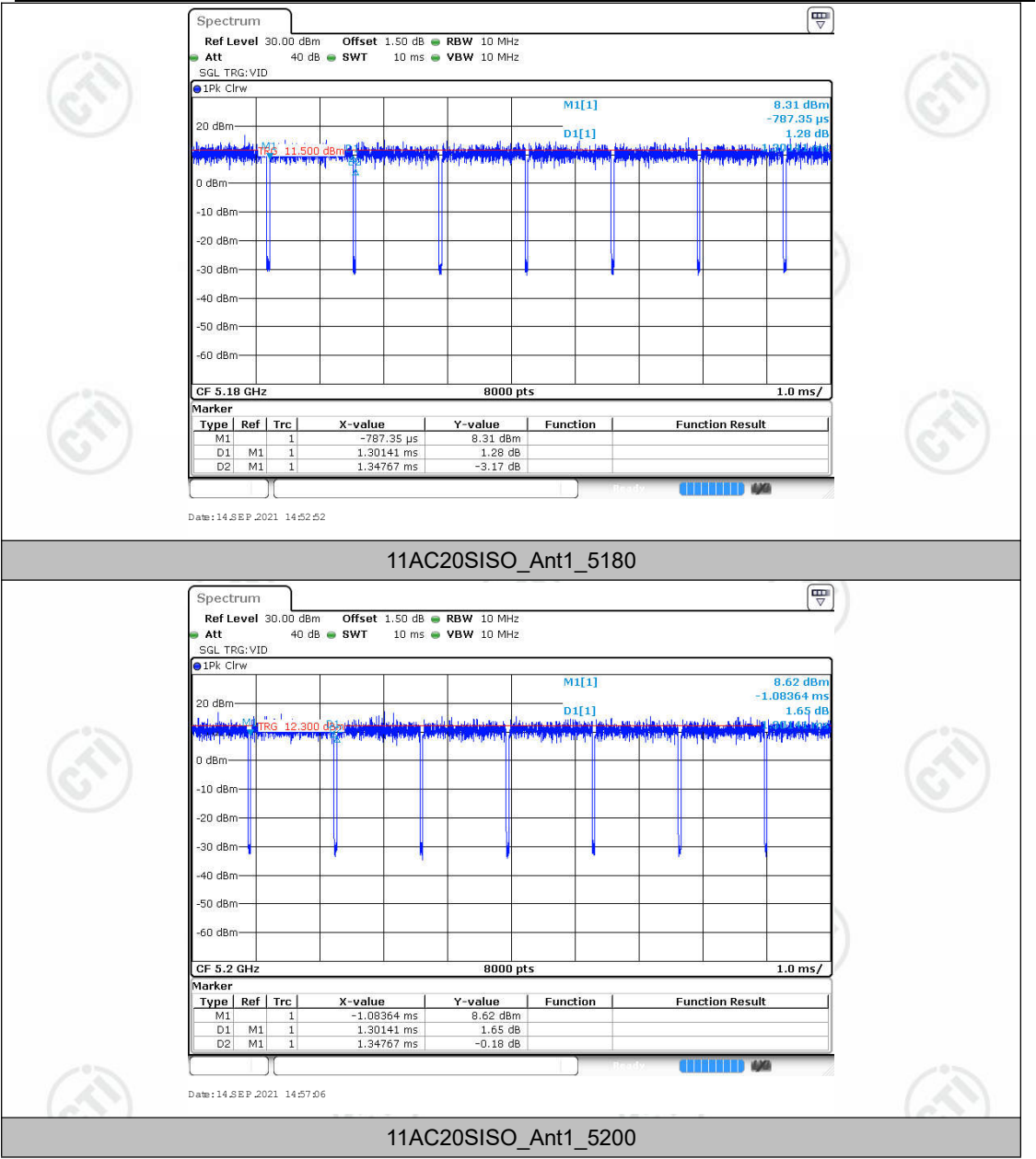




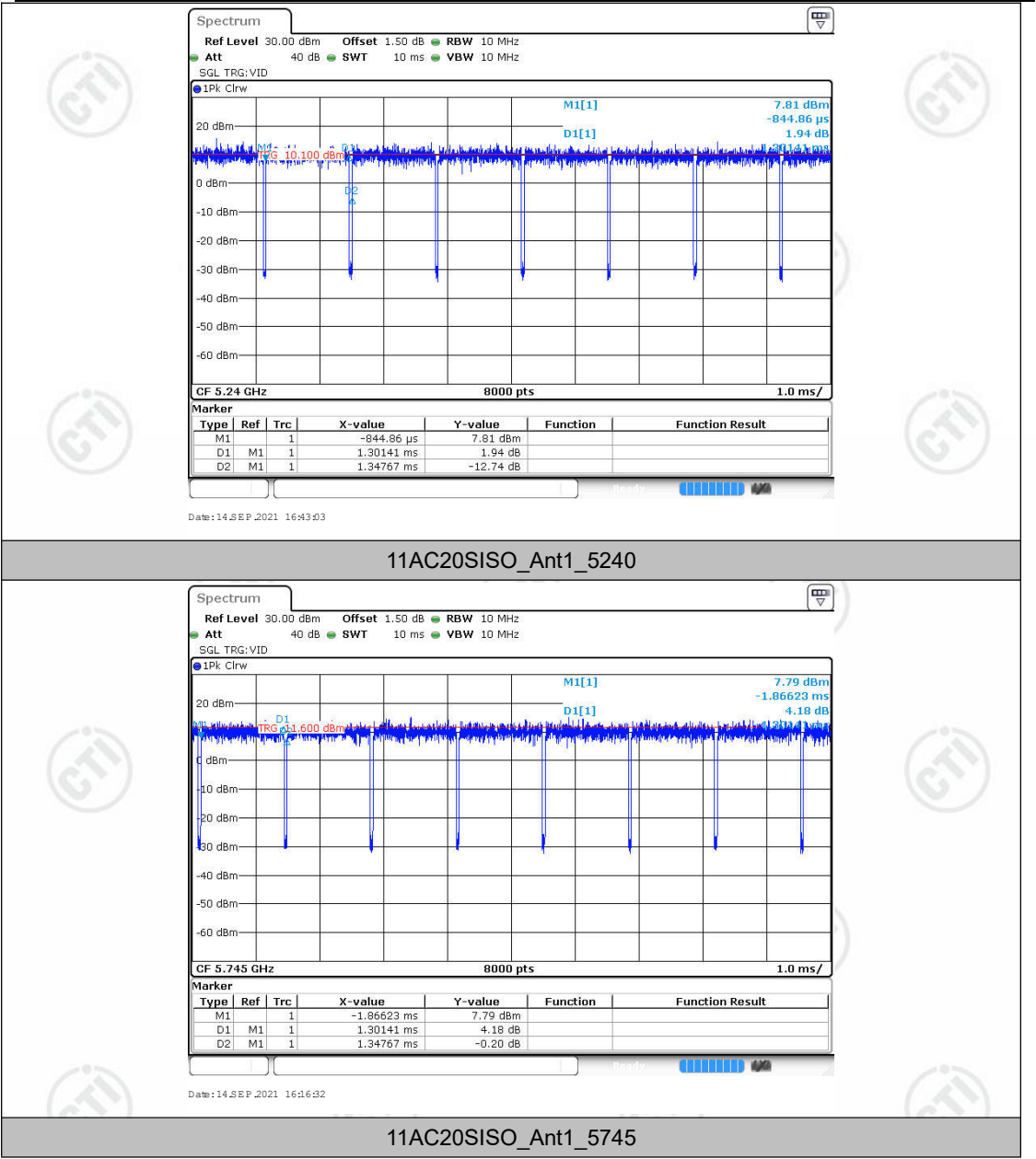


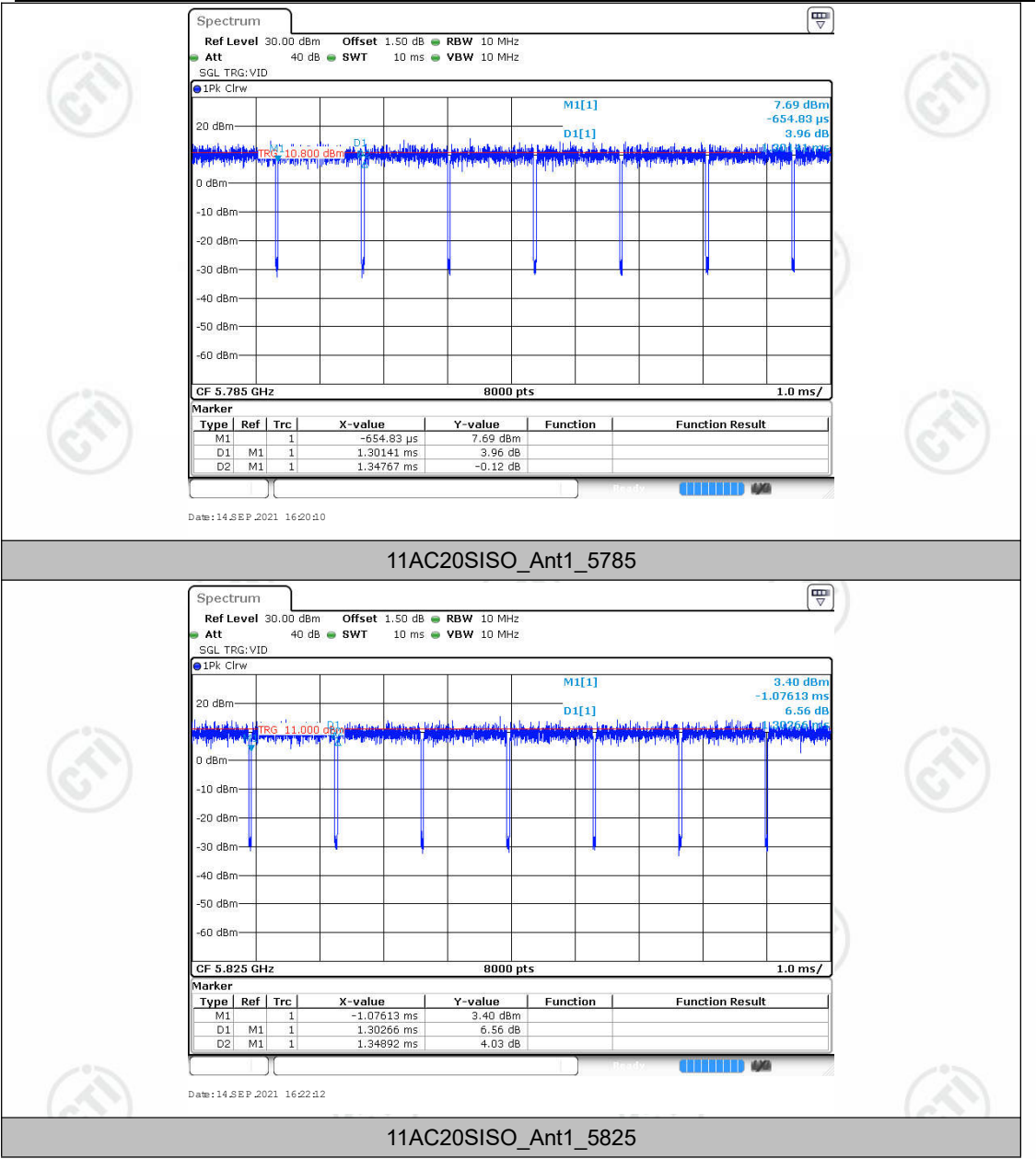


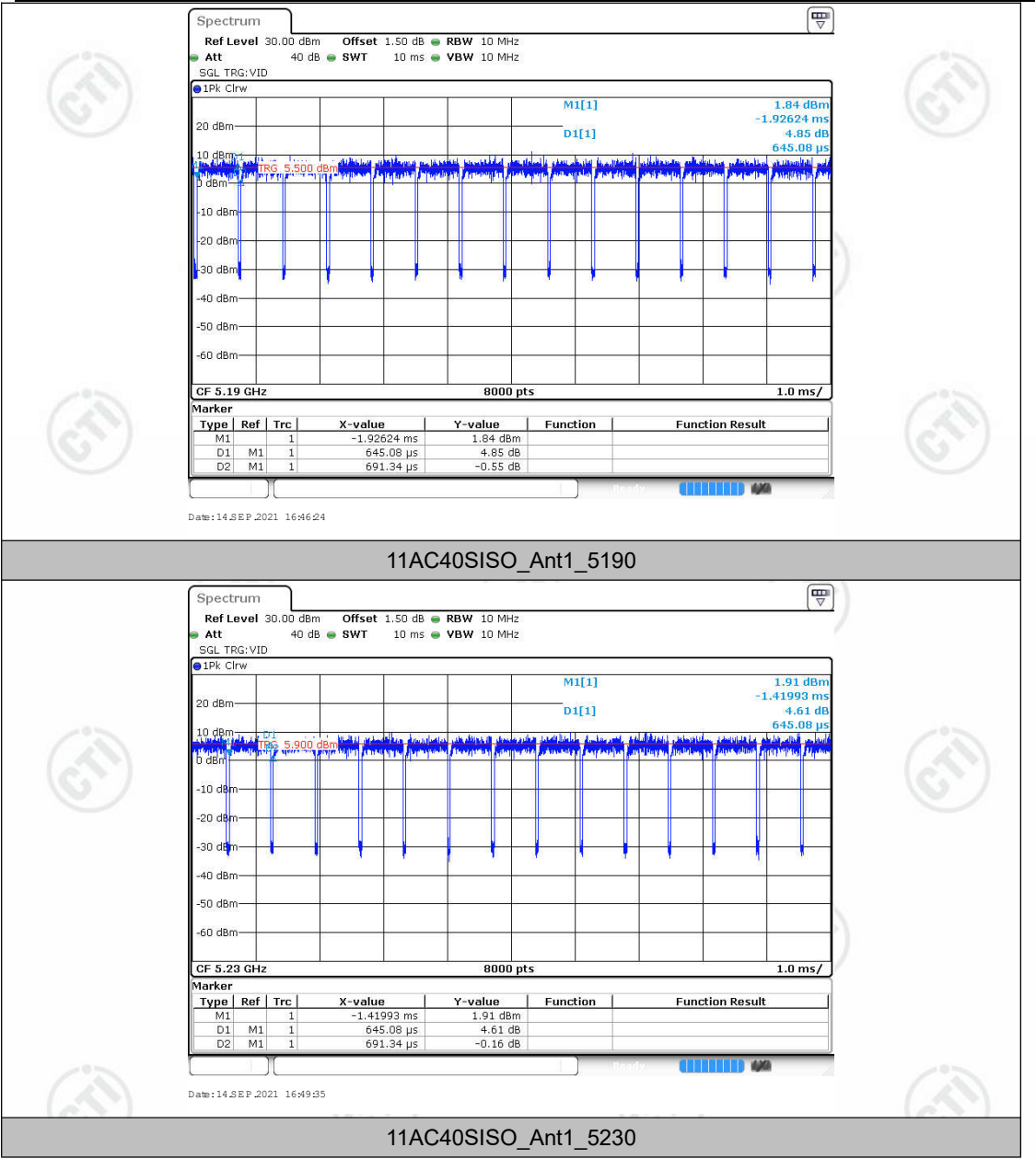


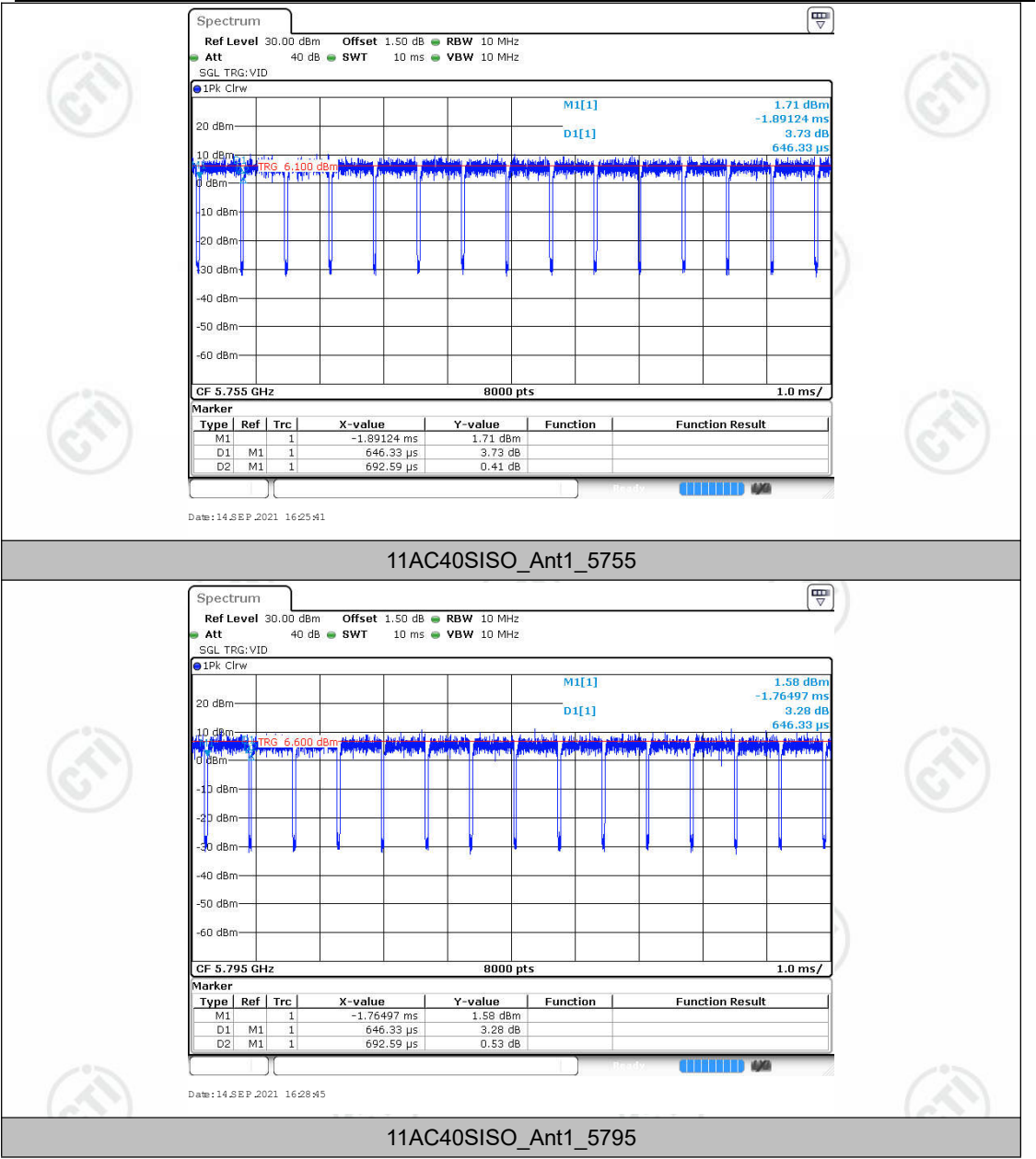


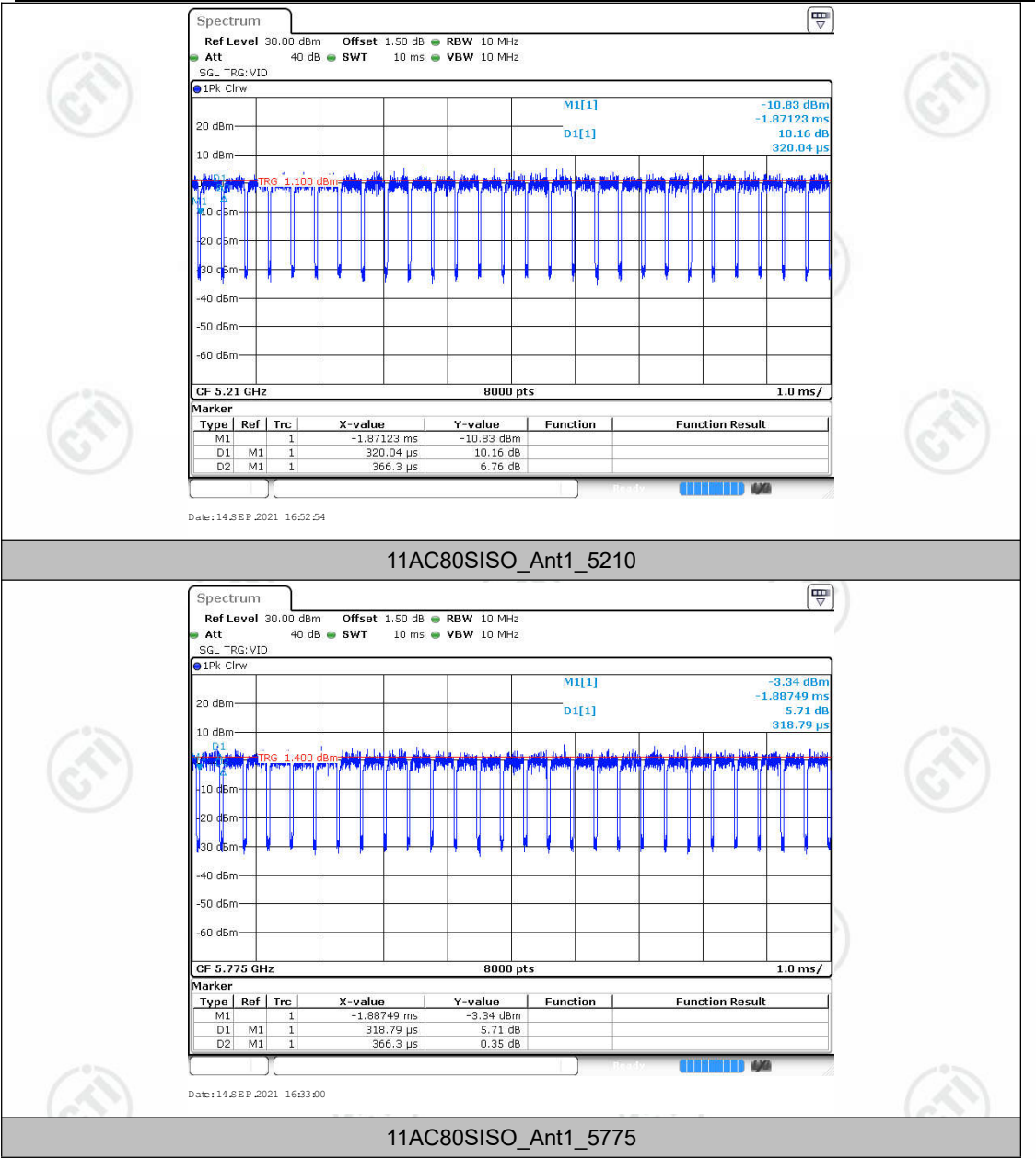












\*\*\* End of Report \*\*\*