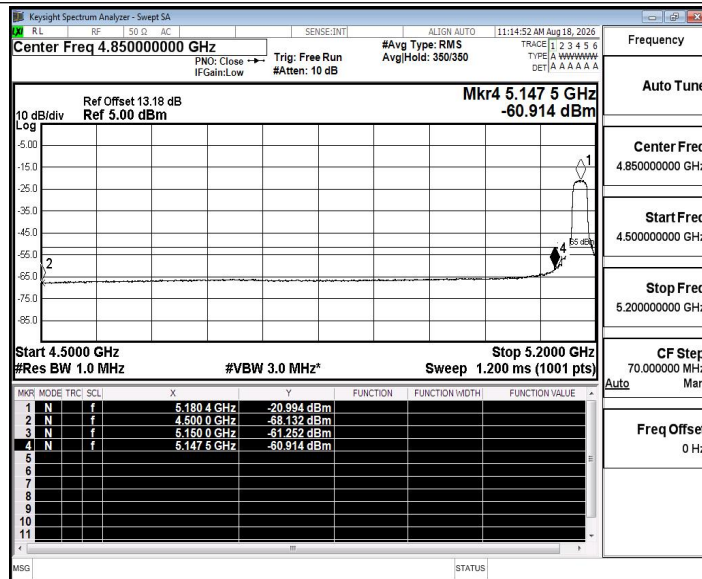
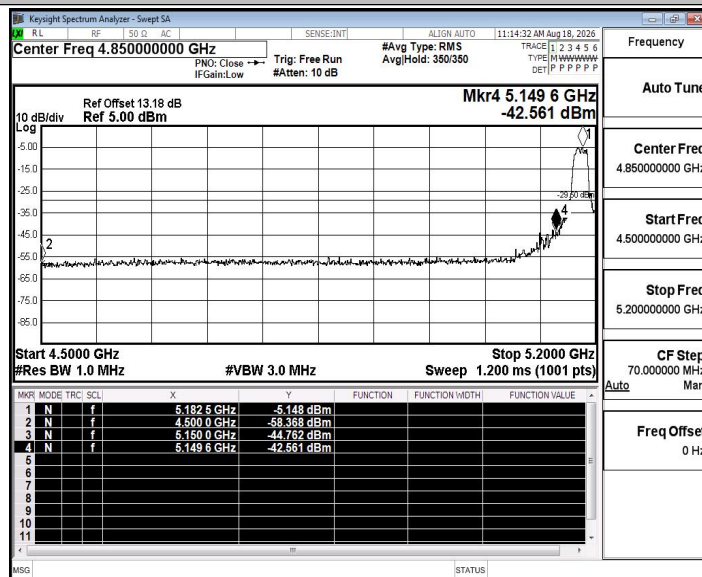
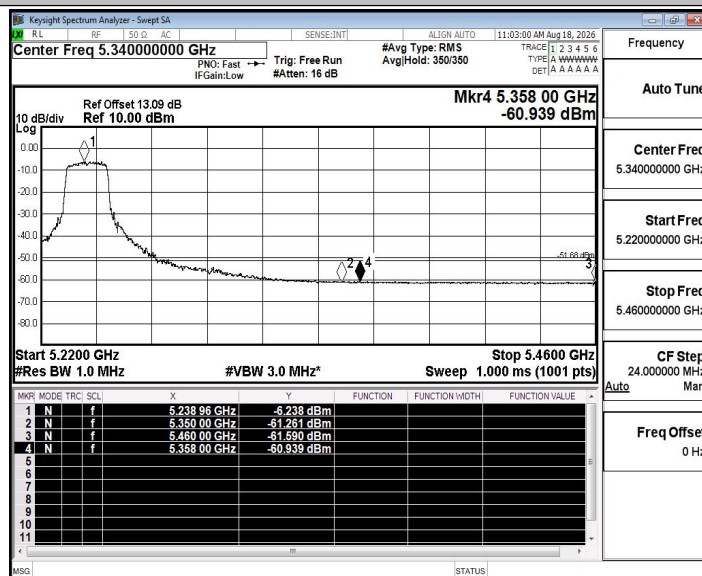




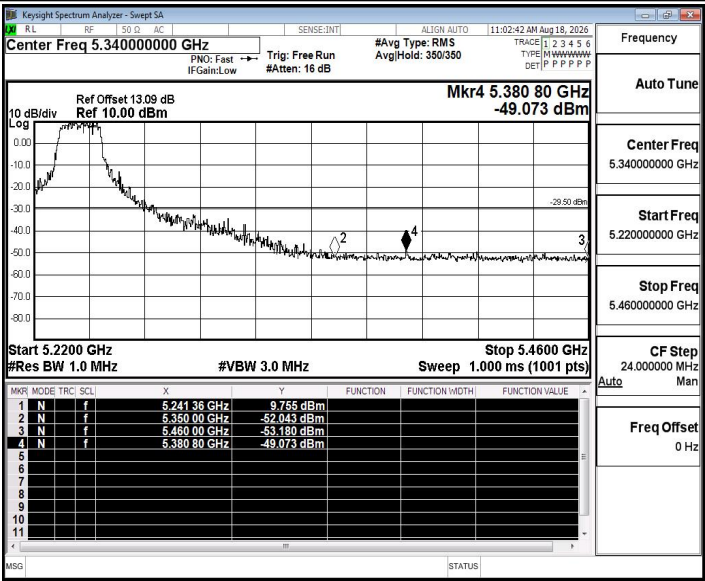
11AC20SISO_Ant1_Low_5180_Peak



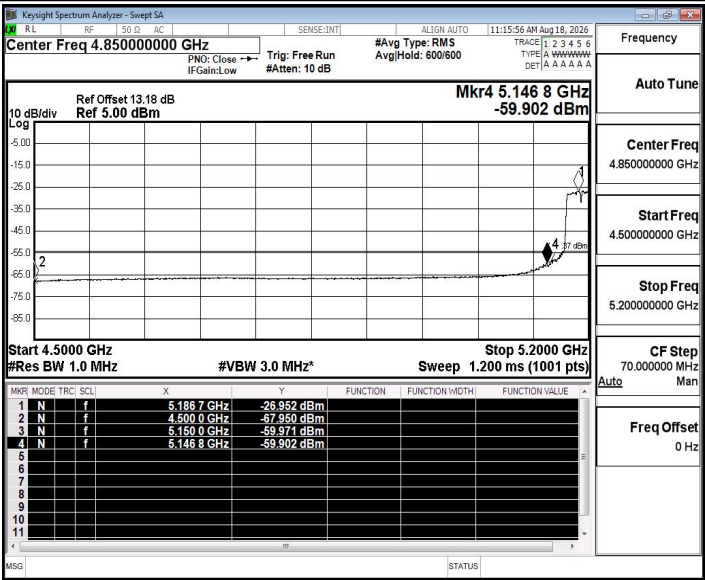
11AC20SISO_Ant1_High_5240_AV



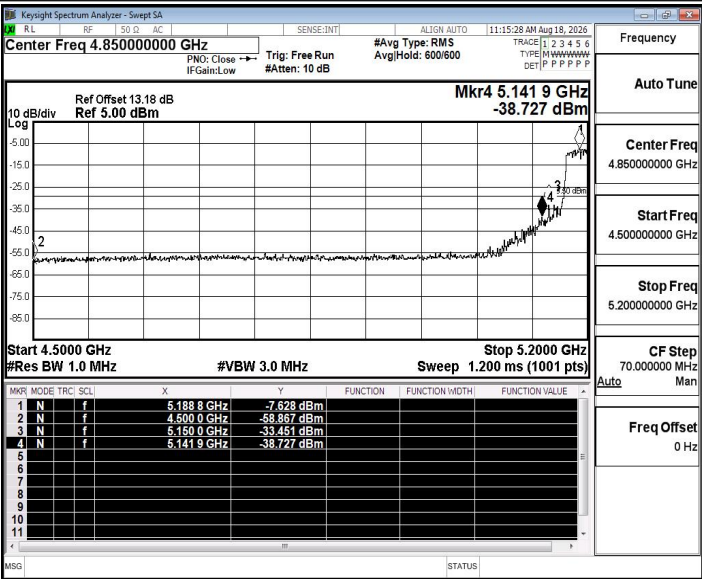
11AC20SISO_Ant1_High_5240_Peak



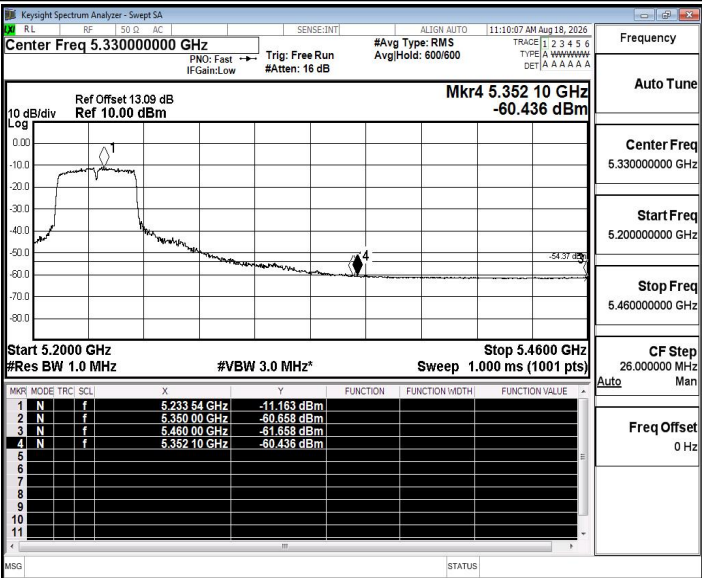
11AC40SISO_Ant1_Low_5190_AV



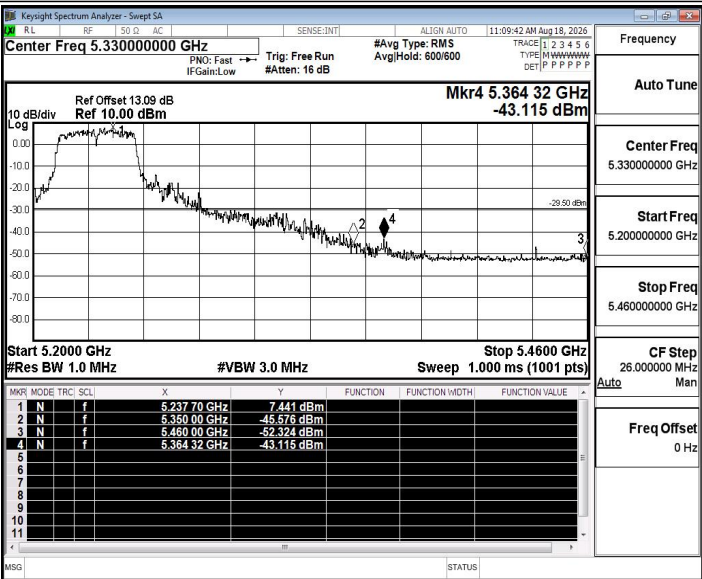
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



11AC40SISO_Ant1_High_5230_Peak



D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq(MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
		5200	NV	NT	-100000.00	-19.230769	20	PASS
			LV	NT	20000.00	3.846154	20	PASS
			HV	NT	-40000.00	-7.692308	20	PASS
		5240	NV	NT	-40000.00	-7.692308	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5180	NV	NT	20000.00	3.861004	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
		5200	NV	NT	20000.00	3.861004	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
		5240	NV	NT	20000.00	3.861004	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
11N40SISO	Ant1	5190	NV	NT	20000.00	3.861004	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-80000.00	-15.414258	20	PASS
		5230	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	40000.00	7.648184	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	-80000.00	-15.414258	20	PASS
		5200	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5240	NV	NT	-80000.00	-15.267176	20	PASS
			LV	NT	-80000.00	-15.267176	20	PASS
			HV	NT	-80000.00	-15.267176	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-80000.00	-15.267176	20	PASS
			LV	NT	-80000.00	-15.267176	20	PASS

			HV	NT	-40000.00	-7.707129	20	PASS
		5230	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS

Temperature								
TestMode	Antenna	Freq(MHz)	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	0.00	0.000000	20	PASS
			NV	0	-60000.00	-11.583012	20	PASS
			NV	10	-100000.00	-19.305019	20	PASS
			NV	20	-100000.00	-19.305019	20	PASS
			NV	30	-100000.00	-19.305019	20	PASS
			NV	40	-100000.00	-19.305019	20	PASS
			NV	50	-100000.00	-19.305019	20	PASS
		5200	NV	-30	-100000.00	-19.305019	20	PASS
			NV	-20	-100000.00	-19.305019	20	PASS
			NV	-10	-100000.00	-19.305019	20	PASS
			NV	0	-80000.00	-15.384615	20	PASS
			NV	10	-80000.00	-15.384615	20	PASS
			NV	20	-80000.00	-15.384615	20	PASS
			NV	30	-40000.00	-7.692308	20	PASS
			NV	40	80000.00	15.384615	20	PASS
			NV	50	80000.00	15.384615	20	PASS
		5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	-40000.00	-7.633588	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	-40000.00	-7.633588	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-60000.00	-11.450382	20	PASS
			NV	50	-60000.00	-11.450382	20	PASS
11N20SISO	Ant1	5180	NV	-30	-60000.00	-11.583012	20	PASS
			NV	-20	-60000.00	-11.583012	20	PASS
			NV	-10	-60000.00	-11.583012	20	PASS
			NV	0	-60000.00	-11.583012	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-60000.00	-11.583012	20	PASS
			NV	30	-60000.00	-11.583012	20	PASS
			NV	40	-60000.00	-11.583012	20	PASS

Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

		5200	NV	50	-60000.00	-11.583012	20	PASS
			NV	-30	-60000.00	-11.583012	20	PASS
			NV	-20	-60000.00	-11.583012	20	PASS
			NV	-10	-60000.00	-11.583012	20	PASS
			NV	0	-60000.00	-11.583012	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-80000.00	-15.384615	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-80000.00	-15.267176	20	PASS
			NV	-20	-80000.00	-15.267176	20	PASS
			NV	-10	-80000.00	-15.267176	20	PASS
			NV	0	-100000.00	-19.083969	20	PASS
			NV	10	-100000.00	-19.083969	20	PASS
			NV	20	-100000.00	-19.083969	20	PASS
			NV	30	-100000.00	-19.083969	20	PASS
			NV	40	-100000.00	-19.083969	20	PASS
			NV	50	-100000.00	-19.083969	20	PASS
11N40SIS O	Ant1	5190	NV	-30	-100000.00	-19.083969	20	PASS
			NV	-20	-100000.00	-19.083969	20	PASS
			NV	-10	-100000.00	-19.083969	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	80000.00	15.414258	20	PASS
			NV	40	80000.00	15.414258	20	PASS
			NV	50	80000.00	15.414258	20	PASS
		5230	NV	-30	80000.00	15.414258	20	PASS
			NV	-20	80000.00	15.414258	20	PASS
			NV	-10	80000.00	15.414258	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	80000.00	15.414258	20	PASS
			NV	40	80000.00	15.414258	20	PASS
			NV	50	80000.00	15.414258	20	PASS
11AC20SI SO	Ant1	5180	NV	-30	80000.00	15.414258	20	PASS
			NV	-20	80000.00	15.414258	20	PASS
			NV	-10	80000.00	15.414258	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

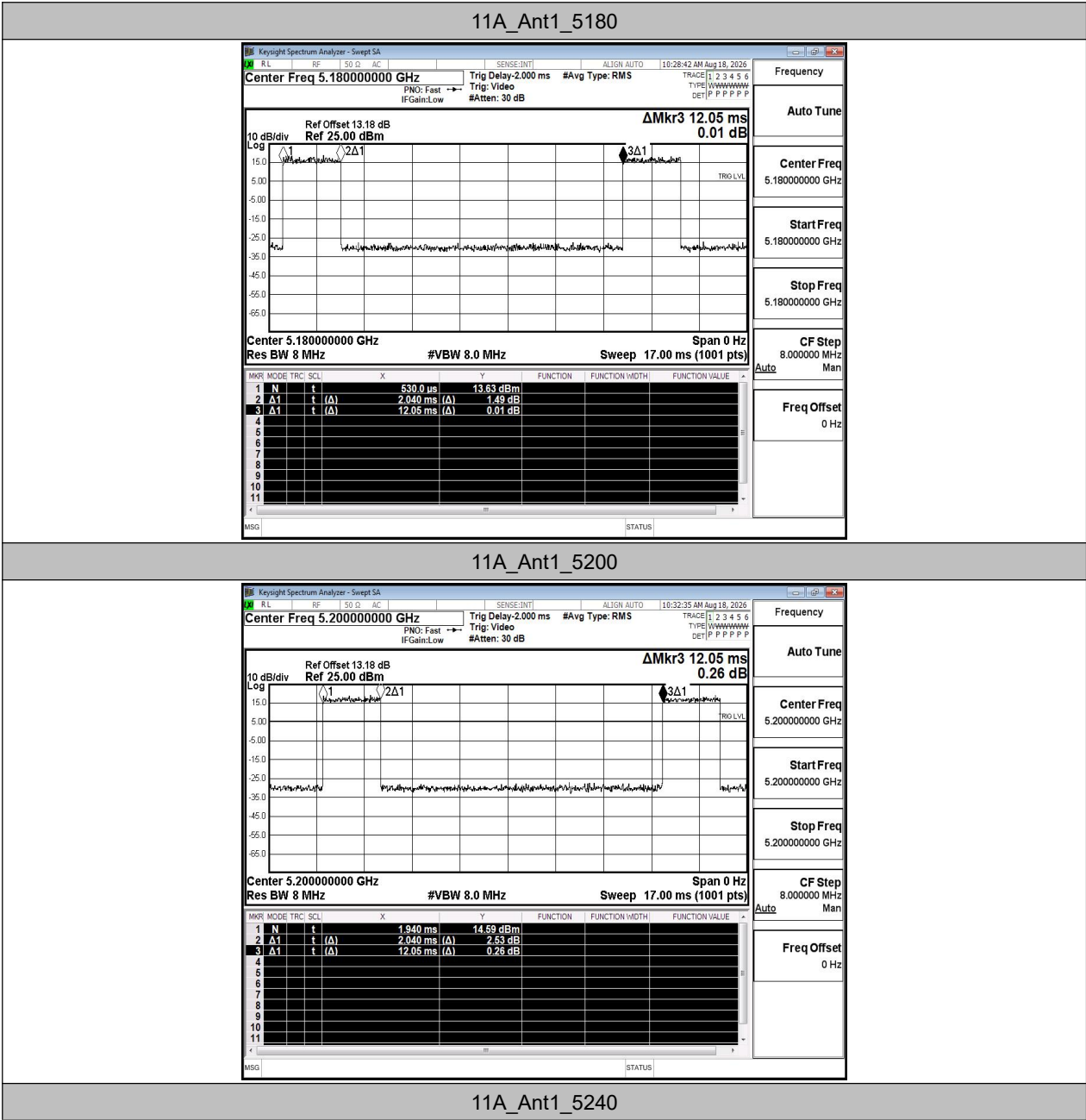
			NV	30	80000.00	15.414258	20	PASS
			NV	40	80000.00	15.414258	20	PASS
			NV	50	80000.00	15.414258	20	PASS
		5200	NV	-30	80000.00	15.414258	20	PASS
			NV	-20	80000.00	15.414258	20	PASS
			NV	-10	80000.00	15.414258	20	PASS
			NV	0	80000.00	15.414258	20	PASS
			NV	10	-40000.00	-7.692308	20	PASS
			NV	20	-40000.00	-7.692308	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	40000.00	7.692308	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	80000.00	15.414258	20	PASS
11AC40SI SO	Ant1	5190	NV	-30	80000.00	15.414258	20	PASS
			NV	-20	80000.00	15.414258	20	PASS
			NV	-10	80000.00	15.414258	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	80000.00	15.414258	20	PASS
			NV	40	80000.00	15.414258	20	PASS
			NV	50	80000.00	15.414258	20	PASS
		5230	NV	-30	80000.00	15.414258	20	PASS
			NV	-20	80000.00	15.414258	20	PASS
			NV	-10	80000.00	15.414258	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
			NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-80000.00	-15.296367	20	PASS

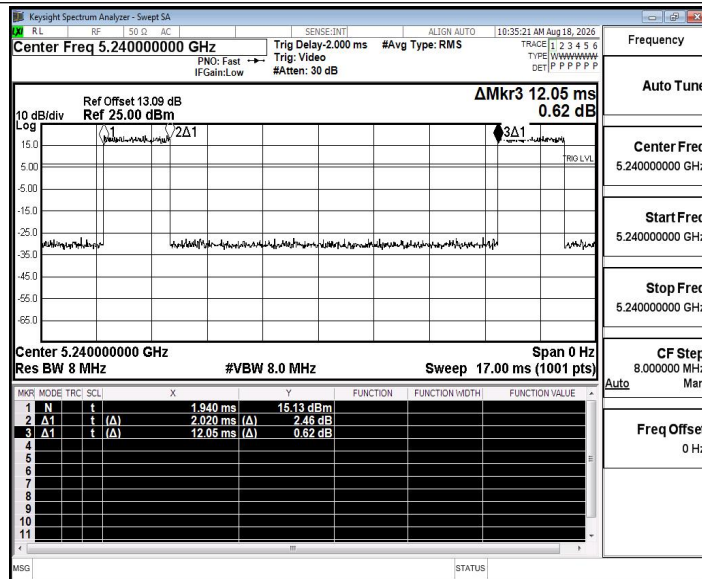
D.6 Duty Cycle

Test Result

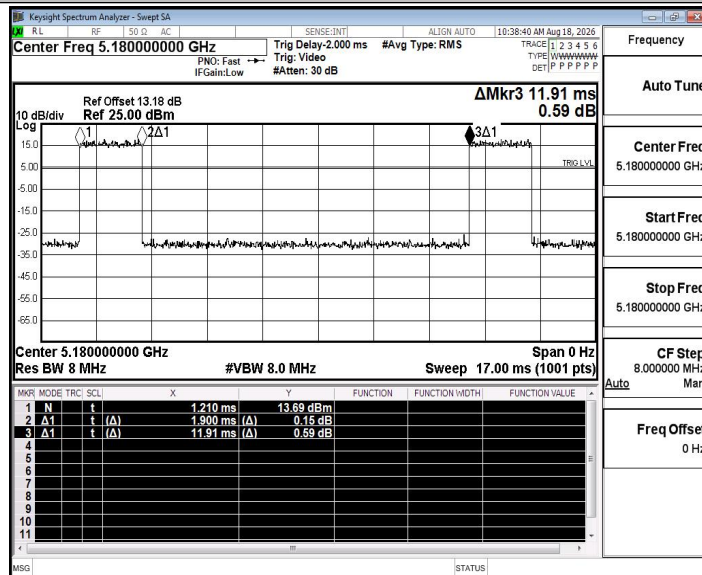
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	Limit	Verdict
11A	Ant1	5180	2.04	12.05	16.93	7.71	---	---
		5200	2.04	12.05	16.93	7.71	---	---
		5240	2.02	12.05	16.76	7.76	---	---
11N20SISO	Ant1	5180	1.90	11.91	15.95	7.97	---	---
		5200	1.89	11.92	15.86	8.00	---	---
		5240	1.89	11.90	15.88	7.99	---	---
11N40SISO	Ant1	5190	0.92	10.95	8.40	10.76	---	---
		5230	0.93	10.95	8.49	10.71	---	---
11AC20SISO	Ant1	5180	1.91	11.92	16.02	7.95	---	---
		5200	1.89	11.92	15.86	8.00	---	---
		5240	1.90	11.93	15.93	7.98	---	---
11AC40SISO	Ant1	5190	0.94	10.95	8.58	10.67	---	---
		5230	0.94	10.95	8.58	10.67	---	---

Test Graphs

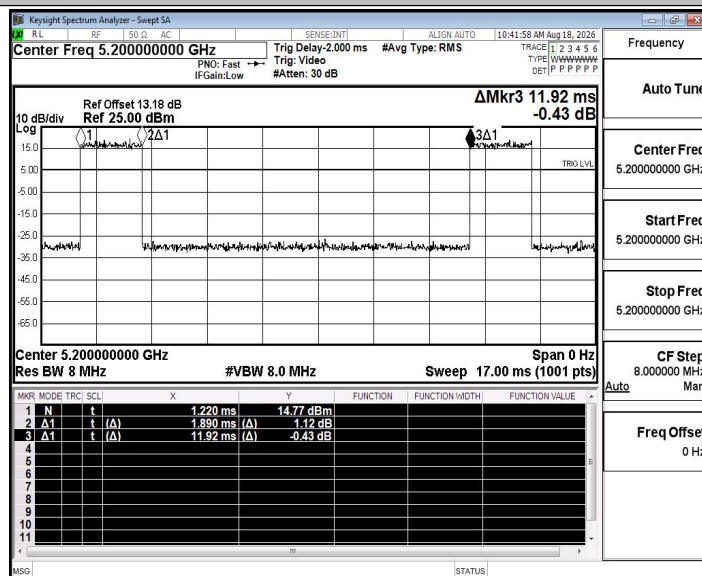




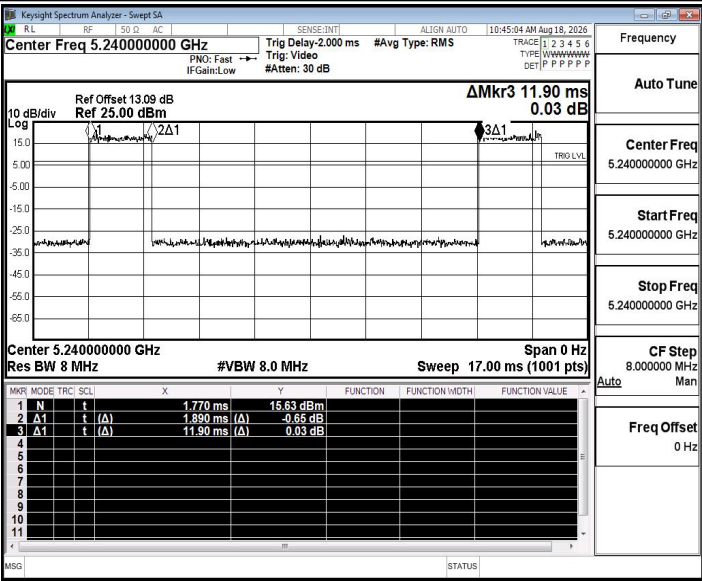
11N20SISO_Ant1_5180



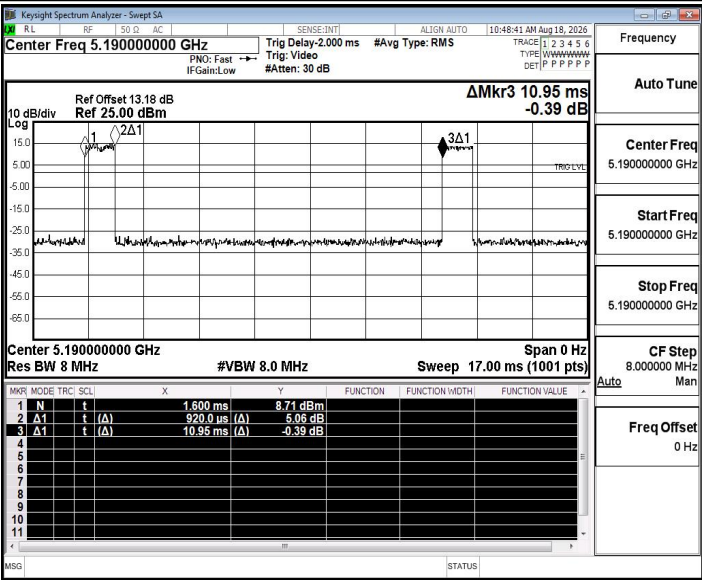
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230

