



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



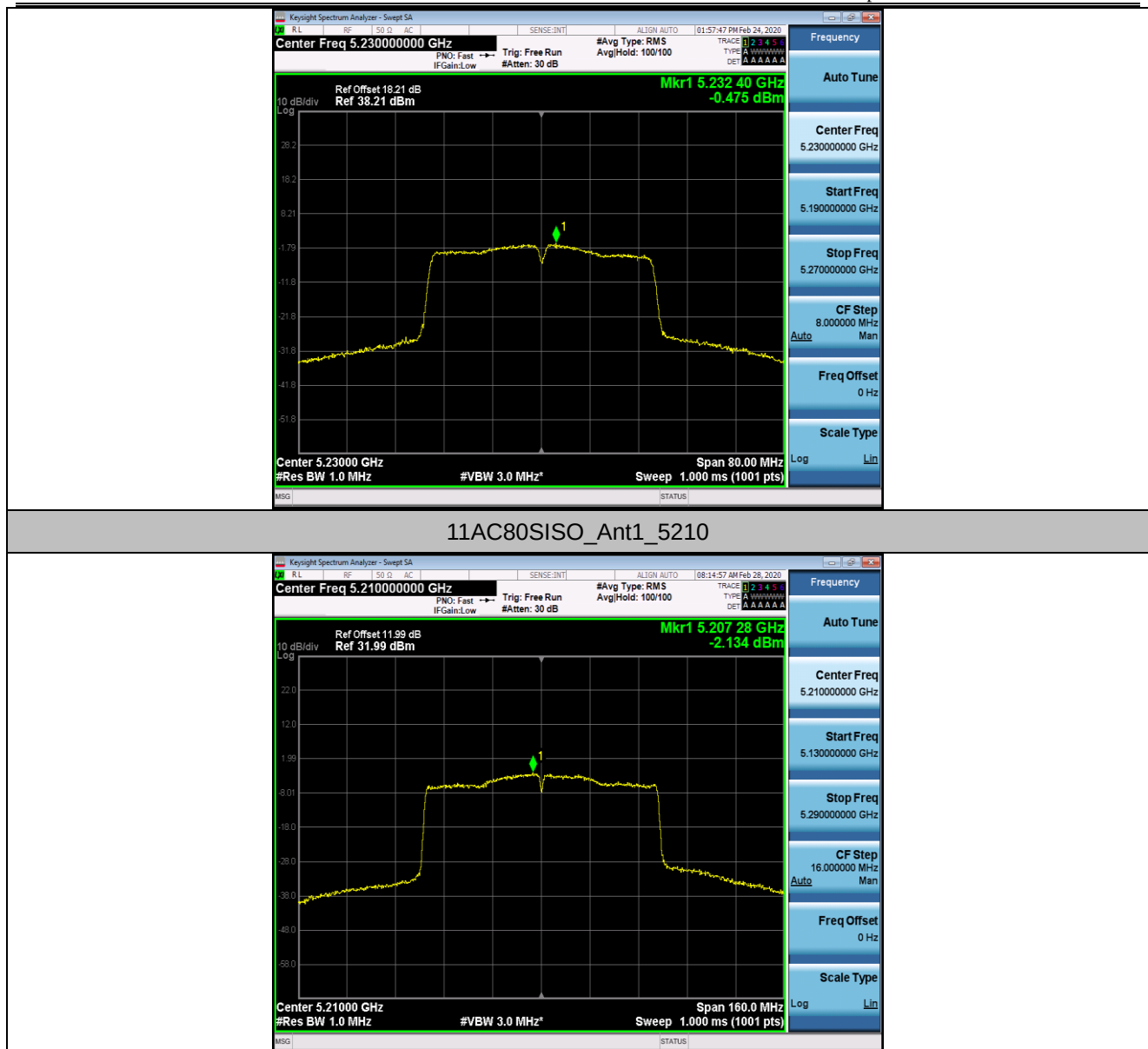
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



Appendix D: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	100000	19.305019	20	PASS
			LV	NT	80000	15.444015	20	PASS
			HV	NT	100000	19.305019	20	PASS
		5200	NV	NT	100000	19.230769	20	PASS
			LV	NT	100000	19.230769	20	PASS
			HV	NT	100000	19.230769	20	PASS
		5240	NV	NT	100000	19.083969	20	PASS
			LV	NT	100000	19.083969	20	PASS
			HV	NT	80000	15.267176	20	PASS
11N20SISO	Ant1	5180	NV	NT	100000	19.305019	20	PASS
			LV	NT	80000	15.444015	20	PASS
			HV	NT	100000	19.305019	20	PASS
		5200	NV	NT	80000	15.384615	20	PASS
			LV	NT	80000	15.384615	20	PASS
			HV	NT	80000	15.384615	20	PASS
		5240	NV	NT	80000	15.267176	20	PASS
			LV	NT	80000	15.267176	20	PASS
			HV	NT	80000	15.267176	20	PASS
11N40SISO	Ant1	5190	NV	NT	80000	15.414258	20	PASS
			LV	NT	80000	15.414258	20	PASS
			HV	NT	80000	15.414258	20	PASS
		5230	NV	NT	80000	15.296367	20	PASS
			LV	NT	80000	15.296367	20	PASS
			HV	NT	80000	15.296367	20	PASS
11AC20SISO	Ant1	5180	NV	NT	100000	19.305019	20	PASS
			LV	NT	100000	19.305019	20	PASS
			HV	NT	80000	15.444015	20	PASS
		5200	NV	NT	100000	19.230769	20	PASS
			LV	NT	80000	15.384615	20	PASS
			HV	NT	80000	15.384615	20	PASS

		5240	NV	NT	80000	15.267176	20	PASS
			LV	NT	80000	15.267176	20	PASS
			HV	NT	80000	15.267176	20	PASS
11AC40SISO	Ant1	5190	NV	NT	80000	15.414258	20	PASS
			LV	NT	80000	15.414258	20	PASS
			HV	NT	80000	15.414258	20	PASS
		5230	NV	NT	80000	15.296367	20	PASS
			LV	NT	80000	15.296367	20	PASS
			HV	NT	80000	15.296367	20	PASS
11AC80SISO	Ant1	5210	NV	NT	80000	15.355086	20	PASS
			LV	NT	80000	15.355086	20	PASS
			HV	NT	80000	15.355086	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	80000	15.444015	20	PASS
			NV	-20	80000	15.444015	20	PASS
			NV	-10	100000	19.305019	20	PASS
			NV	0	100000	19.305019	20	PASS
			NV	10	100000	19.305019	20	PASS
			NV	20	100000	19.305019	20	PASS
			NV	30	100000	19.305019	20	PASS
			NV	40	100000	19.305019	20	PASS
			NV	50	80000	15.444015	20	PASS
		5200	NV	-30	80000	15.384615	20	PASS
			NV	-20	100000	19.230769	20	PASS
			NV	-10	100000	19.230769	20	PASS
			NV	0	80000	15.384615	20	PASS
			NV	10	100000	19.230769	20	PASS
			NV	20	100000	19.230769	20	PASS
			NV	30	80000	15.384615	20	PASS
			NV	40	100000	19.230769	20	PASS
			NV	50	100000	19.230769	20	PASS
		5240	NV	-30	80000	15.267176	20	PASS
			NV	-20	100000	19.083969	20	PASS
			NV	-10	100000	19.083969	20	PASS

			NV	0	100000	19.083969	20	PASS
			NV	10	80000	15.267176	20	PASS
			NV	20	80000	15.267176	20	PASS
			NV	30	100000	19.083969	20	PASS
			NV	40	80000	15.267176	20	PASS
			NV	50	100000	19.083969	20	PASS
11N20SISO	Ant1	5180	NV	-30	80000	15.444015	20	PASS
			NV	-20	80000	15.444015	20	PASS
			NV	-10	100000	19.305019	20	PASS
			NV	0	100000	19.305019	20	PASS
			NV	10	80000	15.444015	20	PASS
			NV	20	60000	11.583012	20	PASS
			NV	30	80000	15.444015	20	PASS
			NV	40	80000	15.444015	20	PASS
			NV	50	80000	15.444015	20	PASS
		5200	NV	-30	80000	15.384615	20	PASS
			NV	-20	100000	19.230769	20	PASS
			NV	-10	80000	15.384615	20	PASS
			NV	0	80000	15.384615	20	PASS
			NV	10	100000	19.230769	20	PASS
			NV	20	100000	19.230769	20	PASS
			NV	30	80000	15.384615	20	PASS
			NV	40	80000	15.384615	20	PASS
			NV	50	60000	11.538462	20	PASS
		5240	NV	-30	80000	15.267176	20	PASS
			NV	-20	80000	15.267176	20	PASS
			NV	-10	60000	11.450382	20	PASS
			NV	0	80000	15.267176	20	PASS
			NV	10	60000	11.450382	20	PASS
			NV	20	60000	11.450382	20	PASS
			NV	30	80000	15.267176	20	PASS
			NV	40	100000	19.083969	20	PASS
			NV	50	80000	15.267176	20	PASS
11N40SISO	Ant1	5190	NV	-30	80000	15.414258	20	PASS
			NV	-20	80000	15.414258	20	PASS
			NV	-10	120000	13.121387	20	PASS

			NV	0	80000	15.414258	20	PASS
			NV	10	80000	15.414258	20	PASS
			NV	20	80000	15.414258	20	PASS
			NV	30	80000	15.414258	20	PASS
			NV	40	80000	15.414258	20	PASS
			NV	50	80000	15.414258	20	PASS
		5230	NV	-30	80000	15.296367	20	PASS
			NV	-20	80000	15.296367	20	PASS
			NV	-10	80000	15.296367	20	PASS
			NV	0	80000	15.296367	20	PASS
			NV	10	80000	15.296367	20	PASS
			NV	20	120000	12.944551	20	PASS
			NV	30	80000	15.296367	20	PASS
			NV	40	80000	15.296367	20	PASS
			NV	50	80000	15.296367	20	PASS
11AC20SISO	Ant1	5180	NV	-30	80000	15.444015	20	PASS
			NV	-20	80000	15.444015	20	PASS
			NV	-10	100000	19.305019	20	PASS
			NV	0	100000	19.305019	20	PASS
			NV	10	100000	19.305019	20	PASS
			NV	20	100000	19.305019	20	PASS
			NV	30	100000	19.305019	20	PASS
			NV	40	100000	19.305019	20	PASS
			NV	50	80000	15.444015	20	PASS
		5200	NV	-30	80000	15.384615	20	PASS
			NV	-20	80000	15.384615	20	PASS
			NV	-10	80000	15.384615	20	PASS
			NV	0	80000	15.384615	20	PASS
			NV	10	80000	15.384615	20	PASS
			NV	20	80000	15.384615	20	PASS
			NV	30	80000	15.384615	20	PASS
			NV	40	60000	11.538462	20	PASS
			NV	50	80000	15.384615	20	PASS
		5240	NV	-30	80000	15.267176	20	PASS
			NV	-20	60000	11.450382	20	PASS
			NV	-10	80000	15.267176	20	PASS

			NV	0	80000	15.267176	20	PASS
			NV	10	100000	19.083969	20	PASS
			NV	20	100000	19.083969	20	PASS
			NV	30	80000	15.267176	20	PASS
			NV	40	80000	15.267176	20	PASS
			NV	50	80000	15.267176	20	PASS
11AC40SISO	Ant1	5190	NV	-30	80000	15.414258	20	PASS
			NV	-20	80000	15.414258	20	PASS
			NV	-10	80000	15.414258	20	PASS
			NV	0	80000	15.414258	20	PASS
			NV	10	80000	15.414258	20	PASS
			NV	20	80000	15.414258	20	PASS
			NV	30	80000	15.414258	20	PASS
			NV	40	80000	15.414258	20	PASS
			NV	50	80000	15.414258	20	PASS
		5230	NV	-30	80000	15.296367	20	PASS
			NV	-20	80000	15.296367	20	PASS
			NV	-10	80000	15.296367	20	PASS
			NV	0	80000	15.296367	20	PASS
			NV	10	80000	15.296367	20	PASS
			NV	20	80000	15.296367	20	PASS
			NV	30	80000	15.296367	20	PASS
			NV	40	80000	15.296367	20	PASS
			NV	50	80000	15.296367	20	PASS
11AC80SISO	Ant1	5210	NV	-30	80000	15.355086	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	80000	15.355086	20	PASS
			NV	0	0	0	20	PASS
			NV	10	80000	15.355086	20	PASS
			NV	20	80000	15.355086	20	PASS
			NV	30	80000	15.355086	20	PASS
			NV	40	0	0	20	PASS
			NV	50	80000	15.355086	20	PASS

Appendix E. Setup Photographs

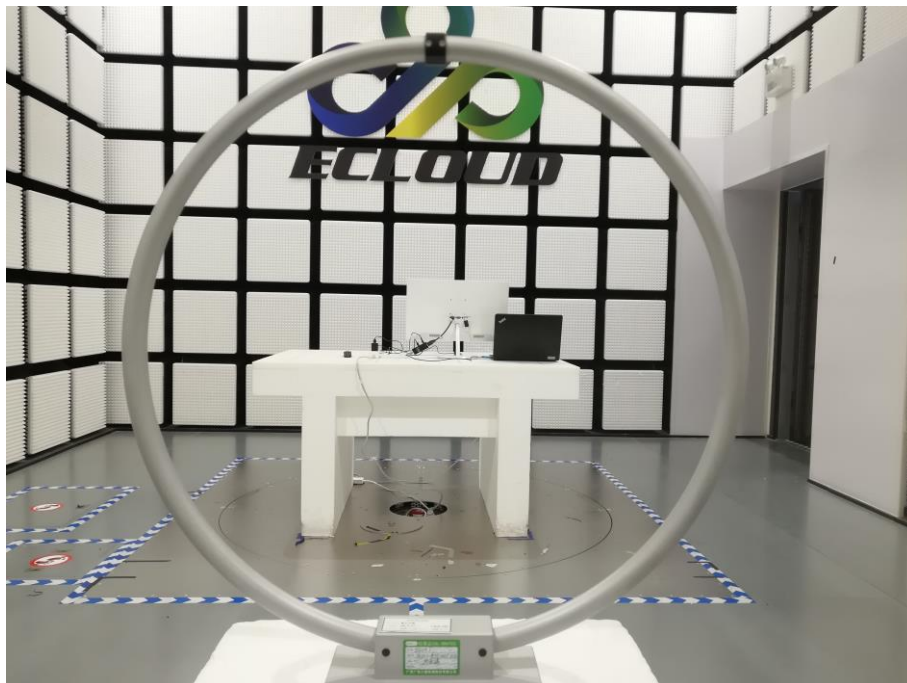


Fig. 1 Radiated emission setup photo(Below 30MHz)



Fig. 2 Radiated emission setup photo(30MHz-1GHz)

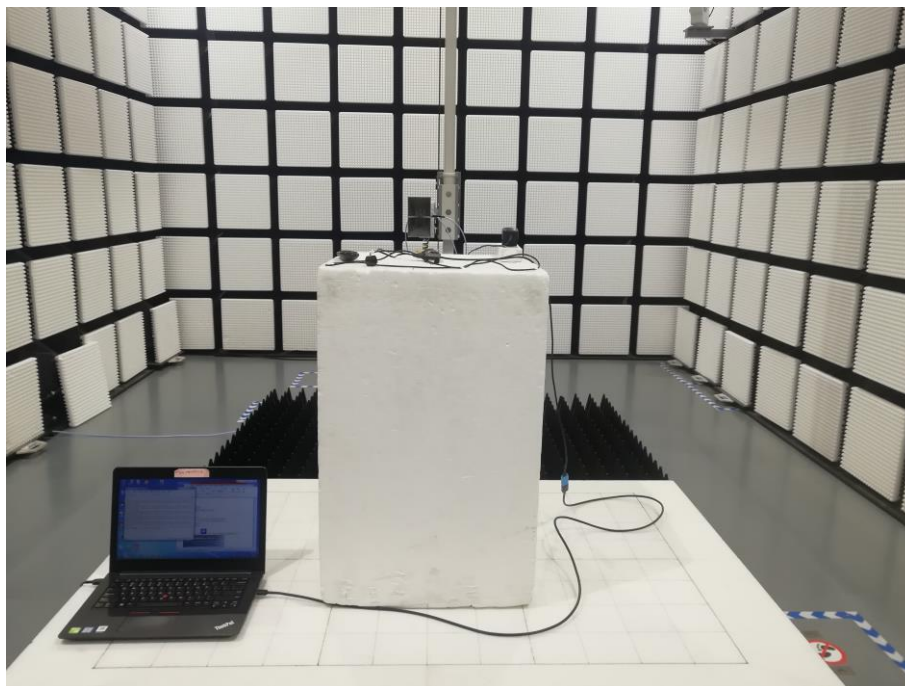


Fig. 3 Radiated emission setup photo(Above 1GHz)



Fig. 4 Power line conducted emission setup photo

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