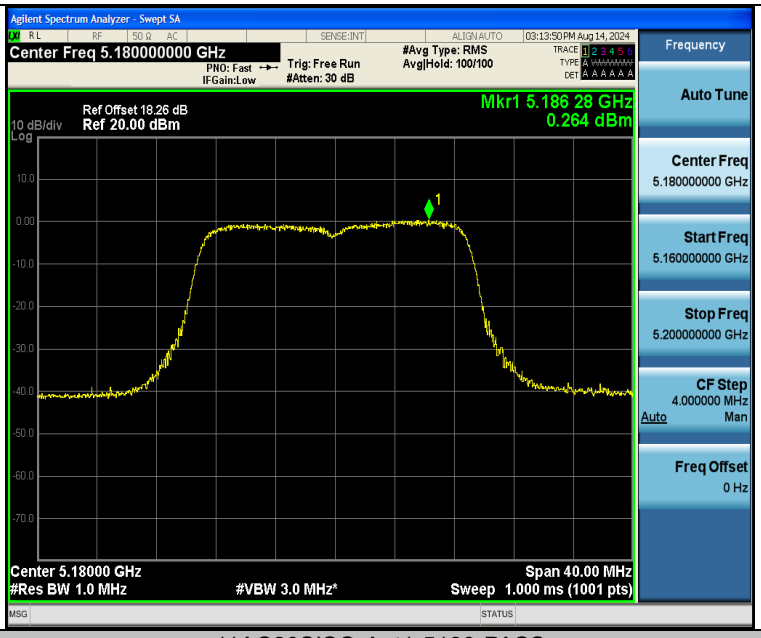
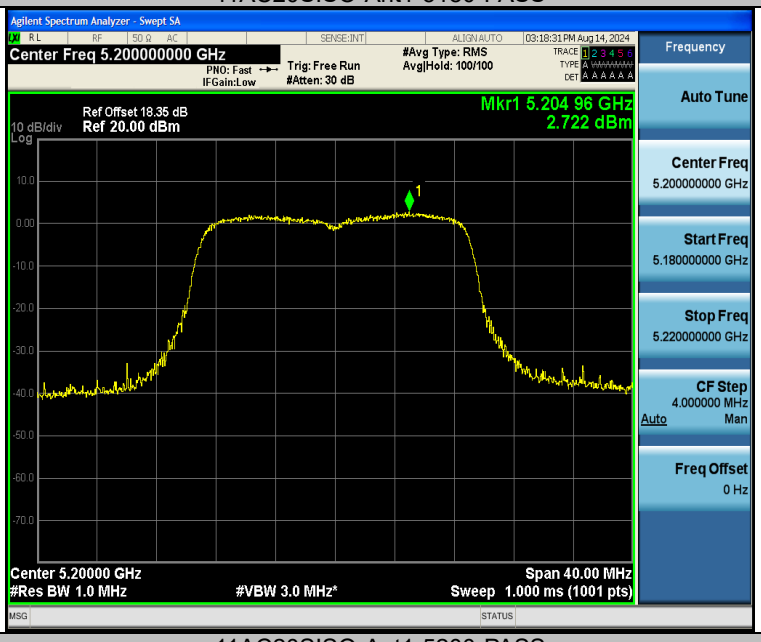
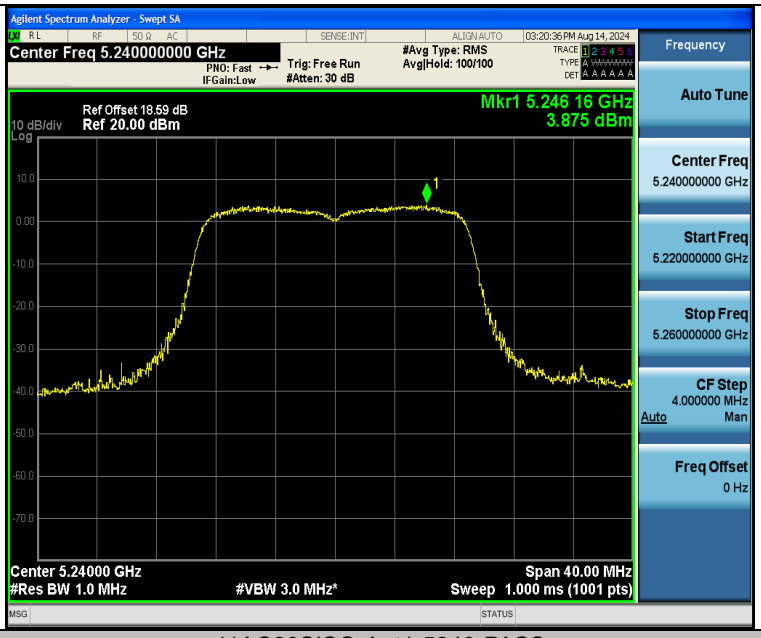


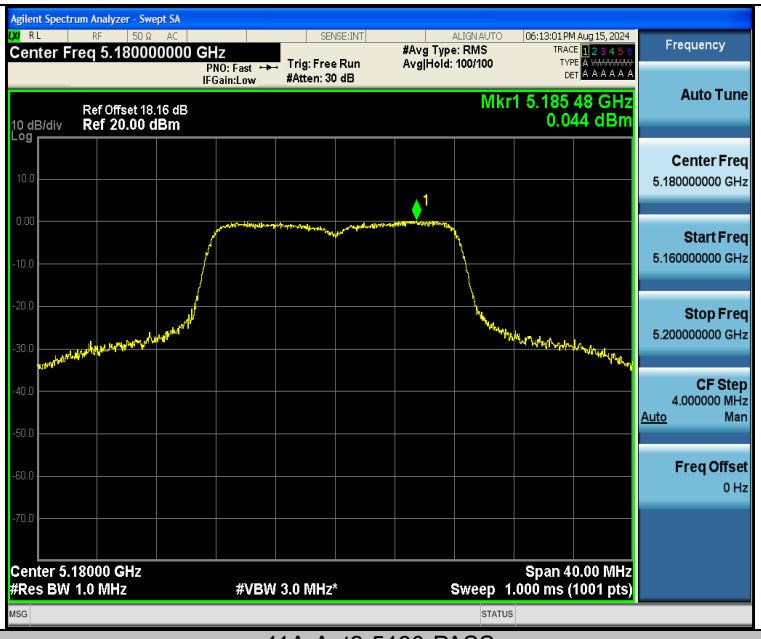
11AC20SISO-Ant1-5180-PASS



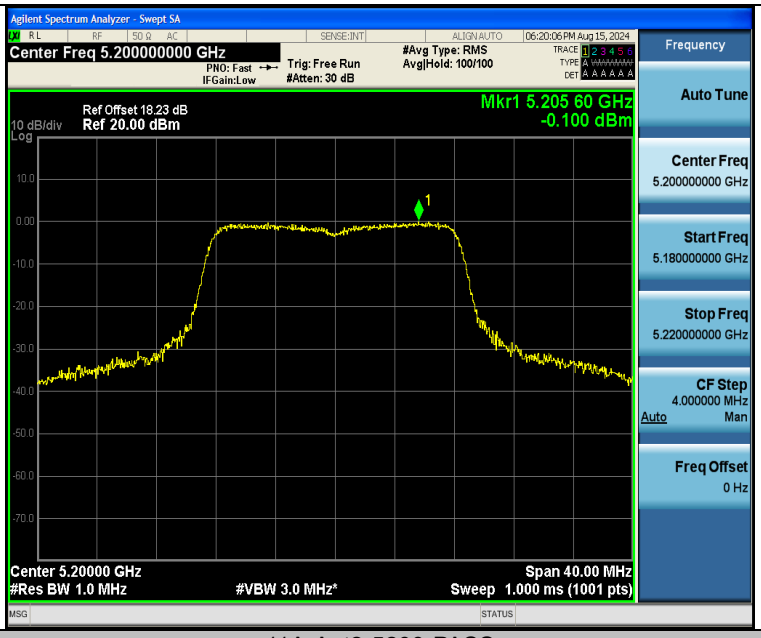
11AC20SISO-Ant1-5200-PASS



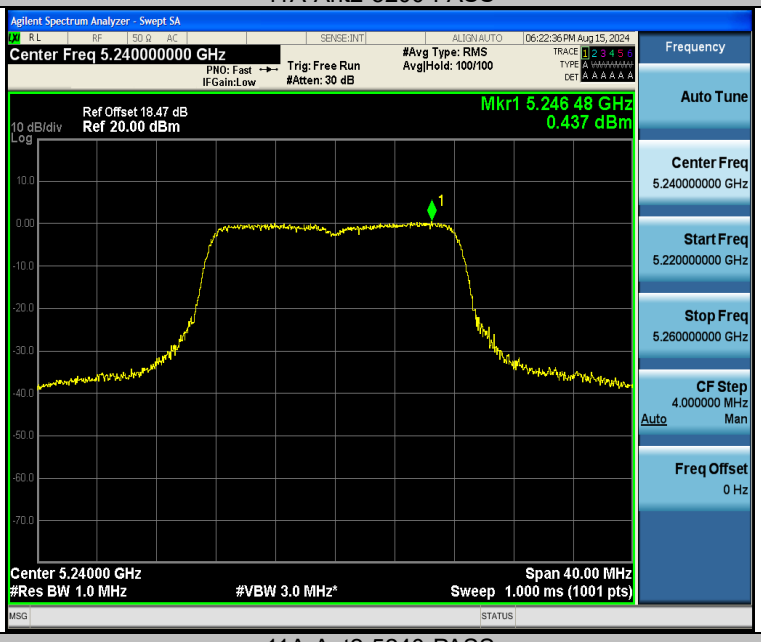
11AC20SISO-Ant1-5240-PASS



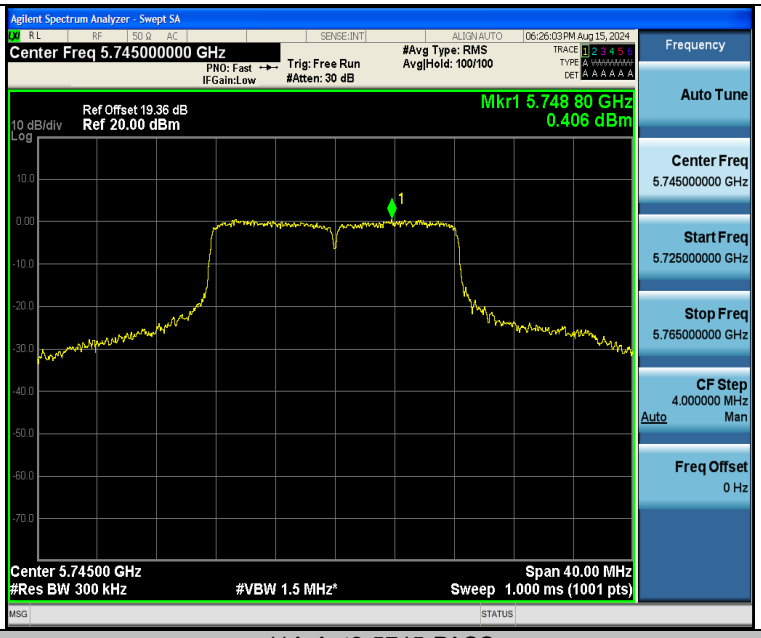
11A-Ant2-5180-PASS



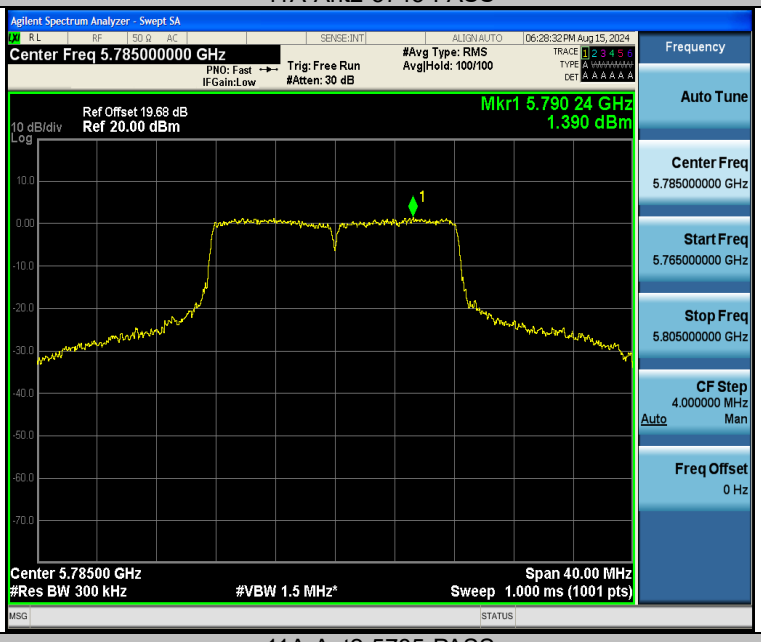
11A-Ant2-5200-PASS



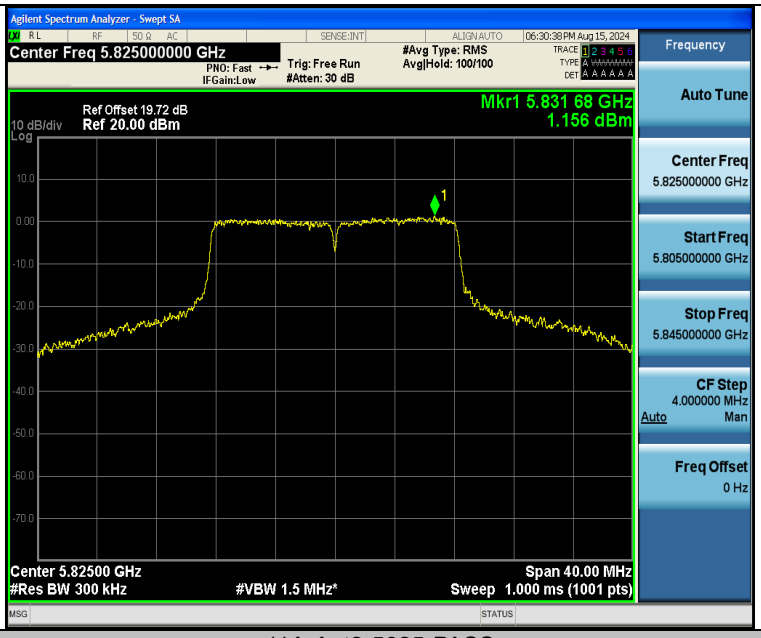
11A-Ant2-5240-PASS



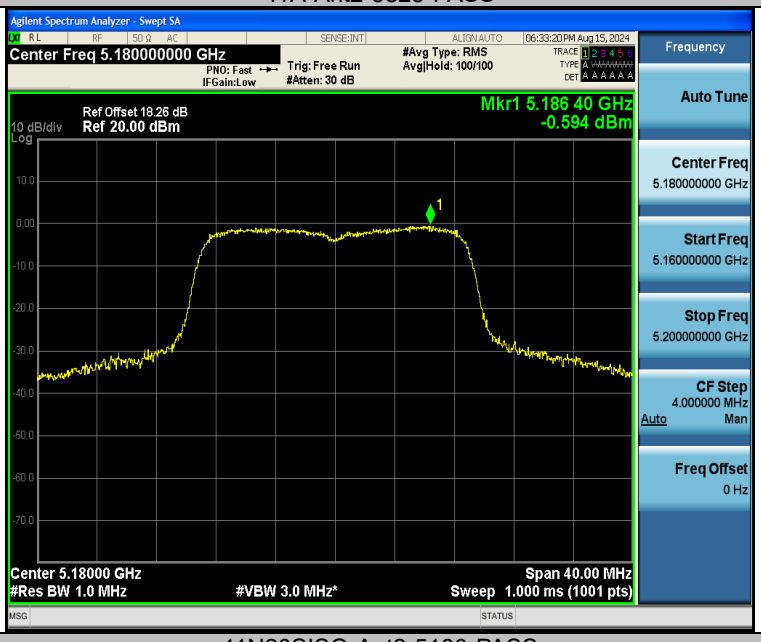
11A-Ant2-5745-PASS



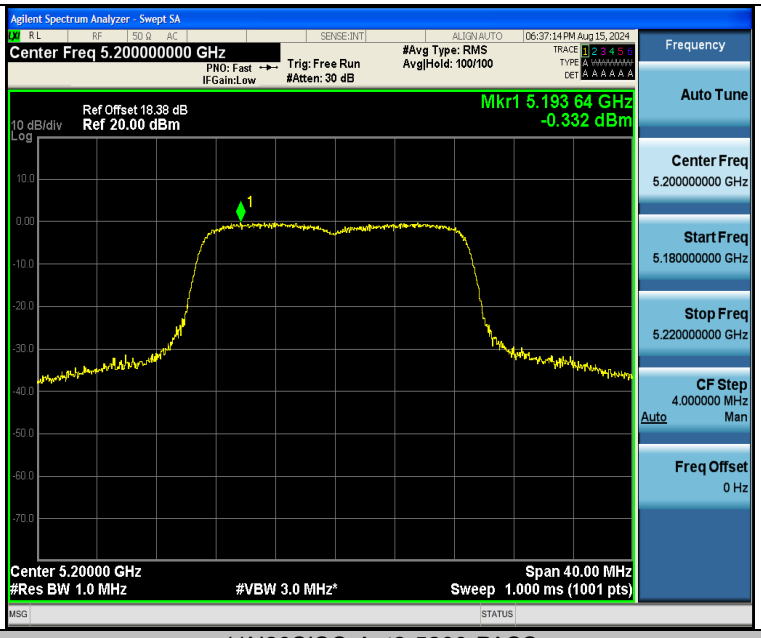
11A-Ant2-5785-PASS



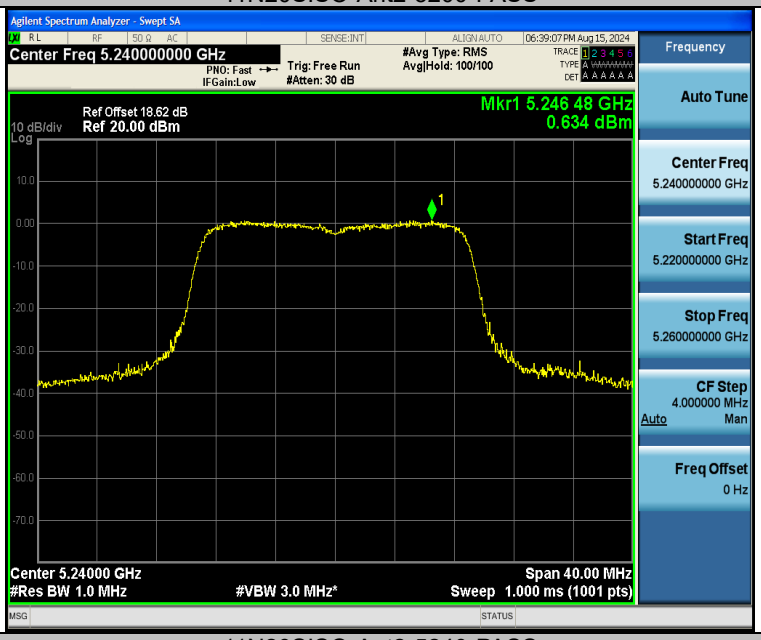
11A-Ant2-5825-PASS



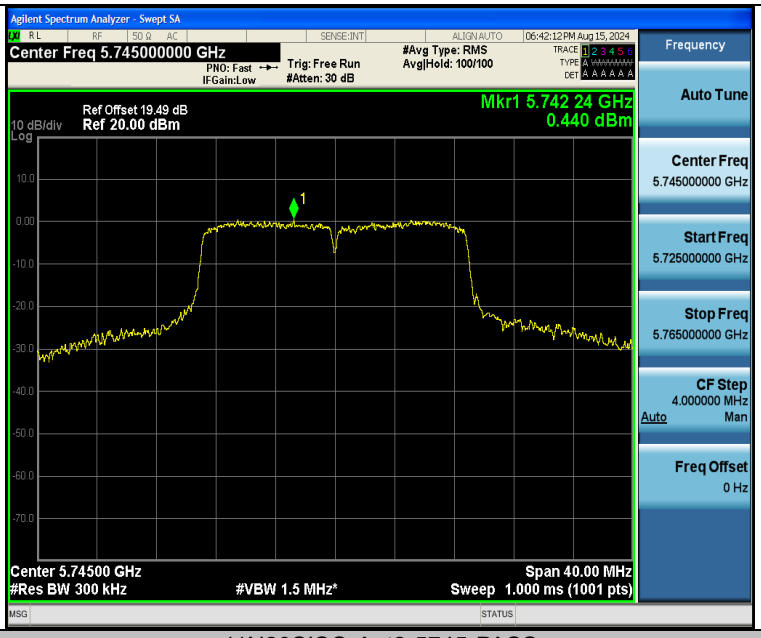
11N20SISO-Ant2-5180-PASS



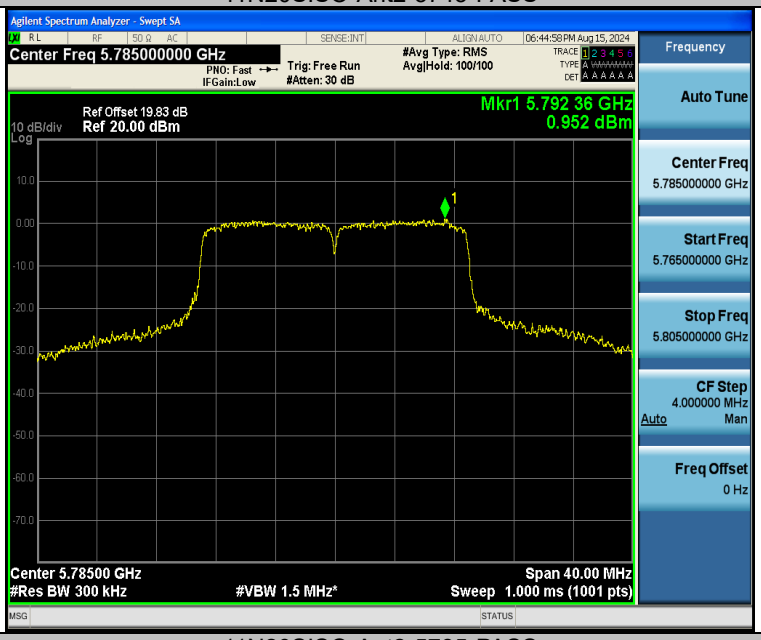
11N20SISO-Ant2-5200-PASS



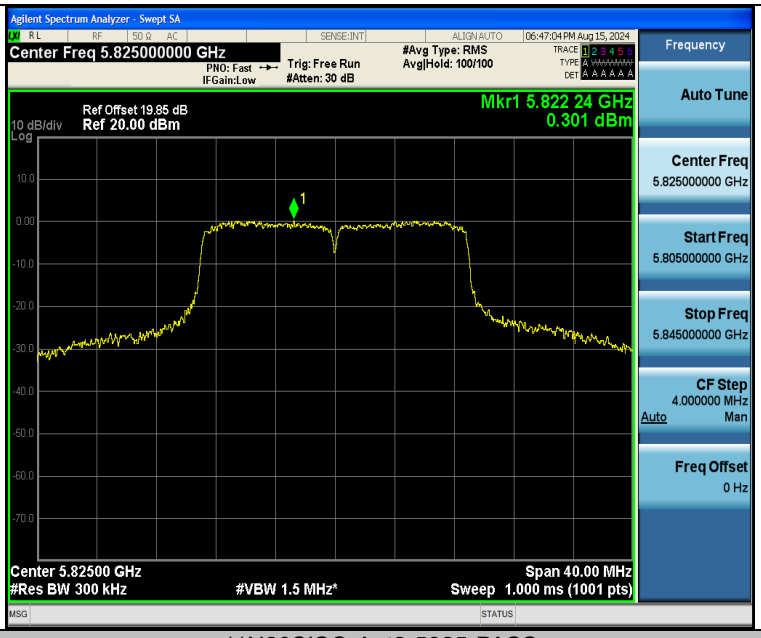
11N20SISO-Ant2-5240-PASS



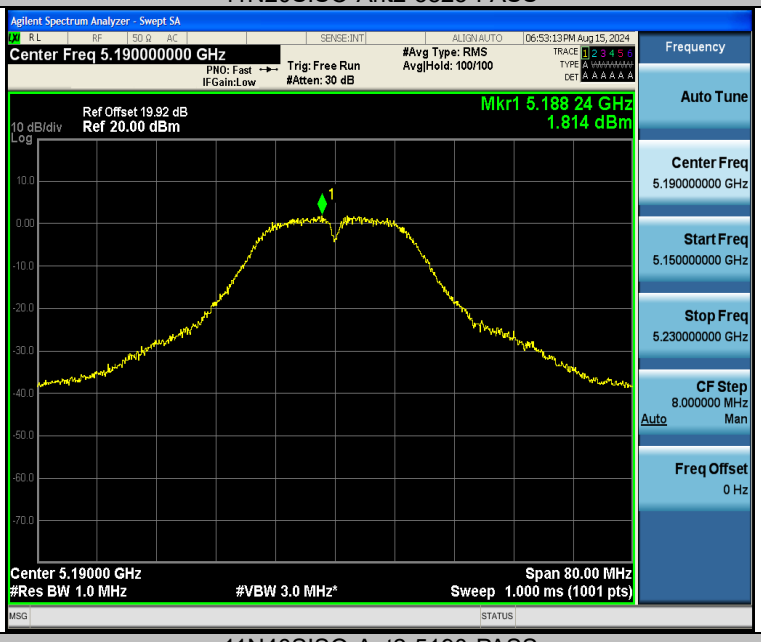
11N20SISO-Ant2-5745-PASS



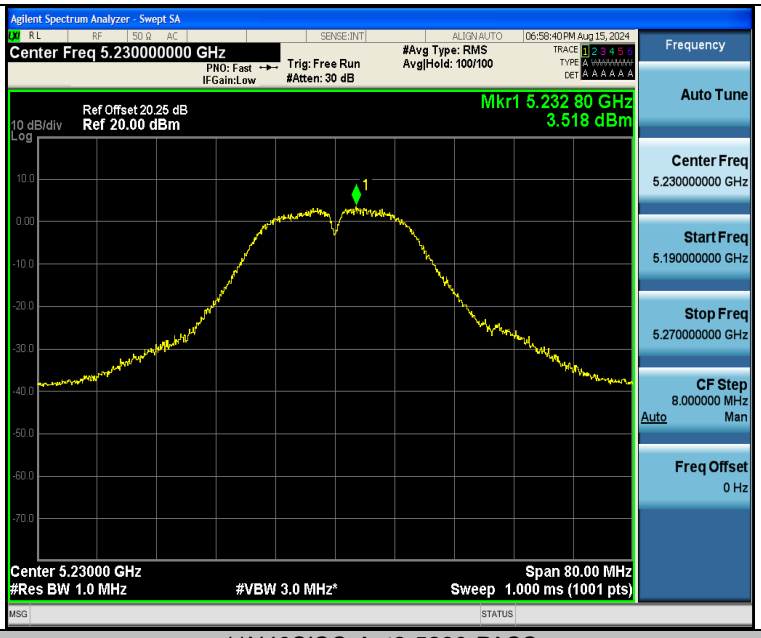
11N20SISO-Ant2-5785-PASS



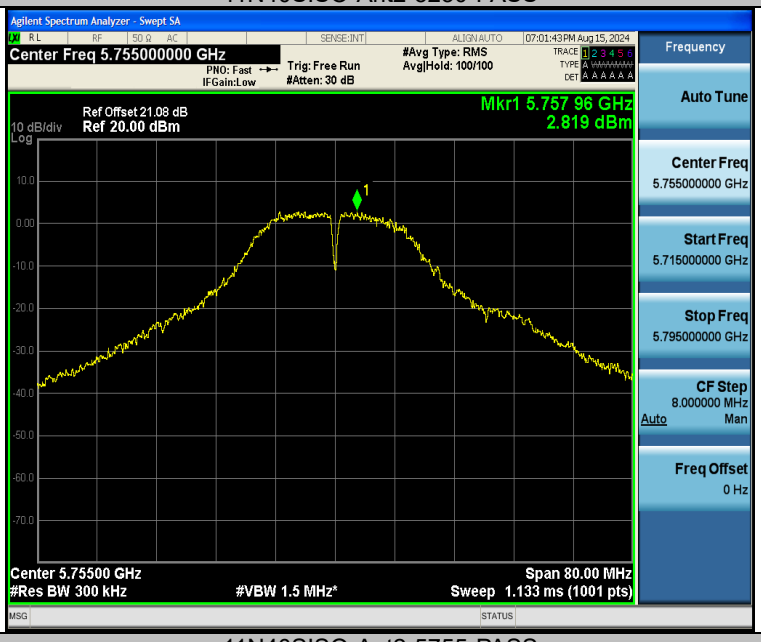
11N20SISO-Ant2-5825-PASS



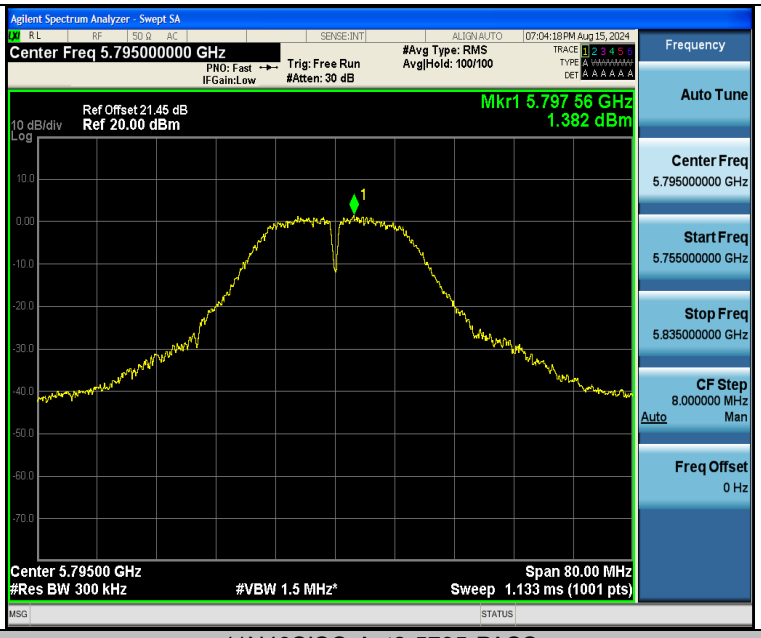
11N40SISO-Ant2-5190-PASS



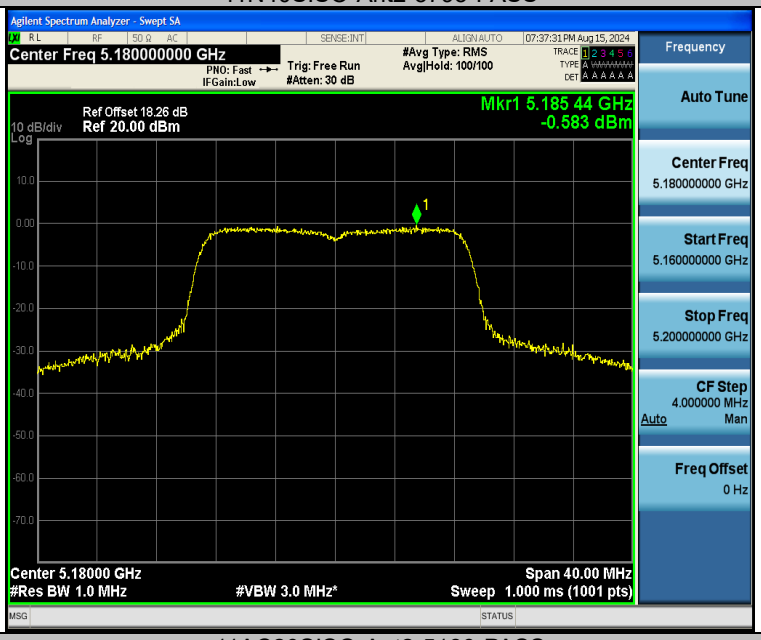
11N40SISO-Ant2-5230-PASS



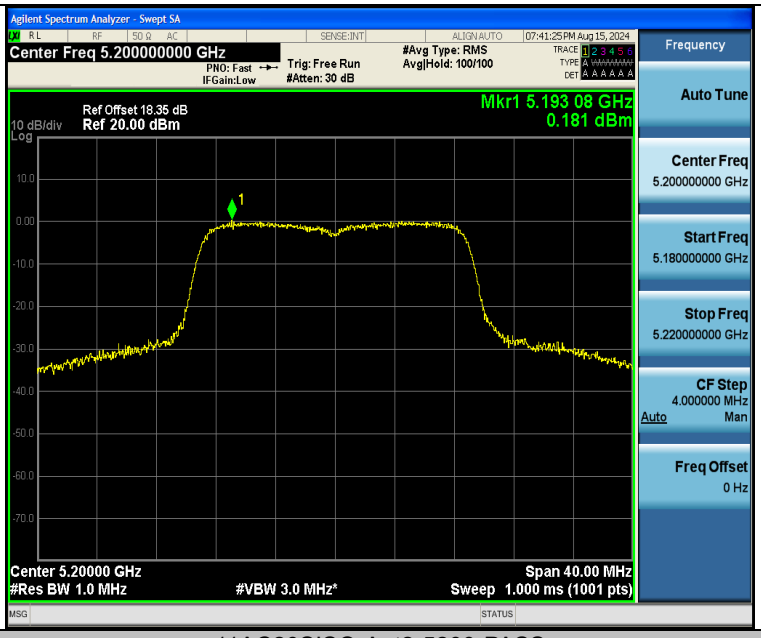
11N40SISO-Ant2-5755-PASS



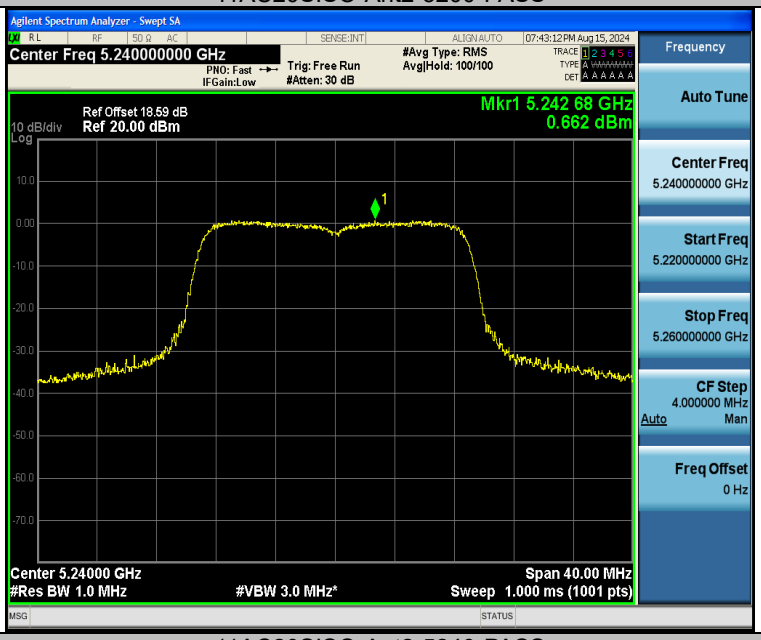
11N40SISO-Ant2-5795-PASS



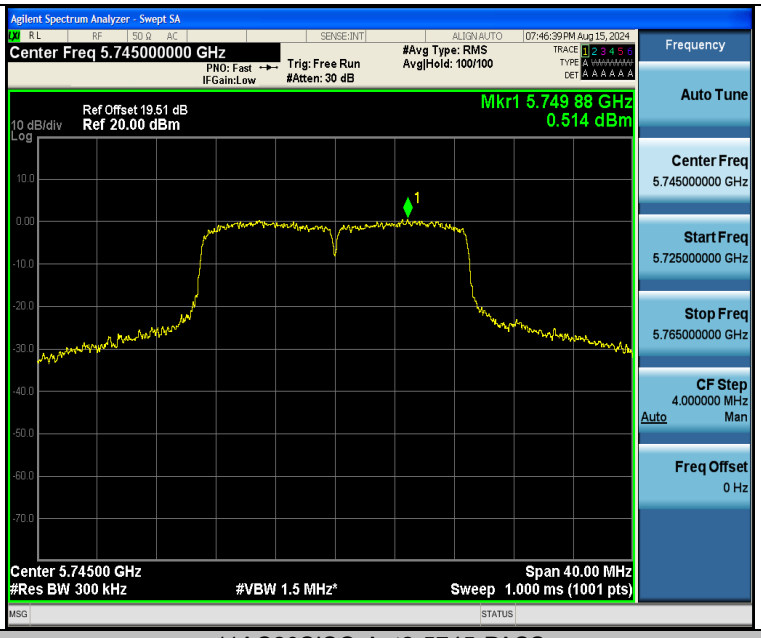
11AC20SISO-Ant2-5180-PASS



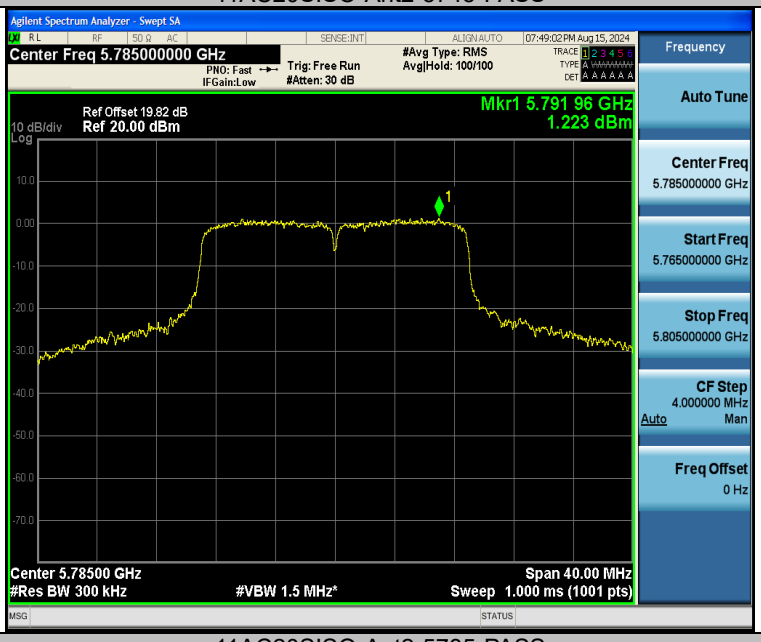
11AC20SISO-Ant2-5200-PASS



11AC20SISO-Ant2-5240-PASS



11AC20SISO-Ant2-5745-PASS



11AC20SISO-Ant2-5785-PASS

11AC20SISO-Ant2-5825-PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2. in the band 5.725−5.85 GHz the test RBW select 300KHz,so the measured result corrected by Result+10 log (500 kHz/300kHz).

9.4 Antenna Requirement

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

9.5 Result

The EUT'S antenna, permanent attached antenna,is FPC Antenna. The antenna's gain is 1.59 dBi and meets the requirement.

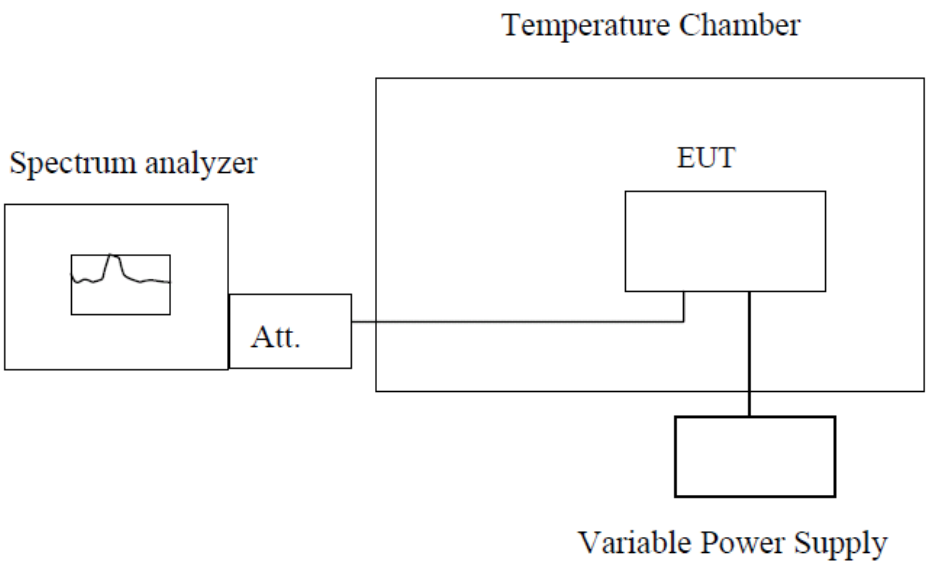
10 Frequency Stability

Test Requirement	:	FCC Part15 E Section 15.407 (g)
Test Limit		Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

10.1 Test Procedure

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under -30 to 50 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

10.2 Test Setup



10.3 Test Result

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-33000.00	-6.370656	20	PASS
11A	Ant1	5180	LV	NT	-33000.00	-6.370656	20	PASS
11A	Ant1	5180	HV	NT	-33000.00	-6.370656	20	PASS
11A	Ant1	5200	NV	NT	-34000.00	-6.538462	20	PASS
11A	Ant1	5200	LV	NT	-33000.00	-6.346154	20	PASS
11A	Ant1	5200	HV	NT	-33000.00	-6.346154	20	PASS
11A	Ant1	5240	NV	NT	-34000.00	-6.488550	20	PASS
11A	Ant1	5240	LV	NT	-33000.00	-6.297710	20	PASS
11A	Ant1	5240	HV	NT	-33000.00	-6.297710	20	PASS
11N40SISO	Ant1	5230	HV	NT	-32000.00	-6.118547	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-33000.00	-6.370656	20	PASS
11AC20SISO	Ant1	5180	LV	NT	-32000.00	-6.177606	20	PASS
11AC20SISO	Ant1	5180	HV	NT	-32000.00	-6.177606	20	PASS
11AC20SISO	Ant1	5200	NV	NT	-33000.00	-6.346154	20	PASS
11AC20SISO	Ant1	5200	LV	NT	-32000.00	-6.153846	20	PASS
11AC20SISO	Ant1	5200	HV	NT	-32000.00	-6.153846	20	PASS
11AC20SISO	Ant1	5240	NV	NT	-33000.00	-6.297710	20	PASS
11AC20SISO	Ant1	5240	LV	NT	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant1	5240	HV	NT	-32000.00	-6.106870	20	PASS
11A	Ant1	5745	NV	NT	-37000.00	-6.440383	20	PASS
11A	Ant1	5745	LV	NT	-37000.00	-6.440383	20	PASS
11A	Ant1	5745	HV	NT	-37000.00	-6.440383	20	PASS
11A	Ant1	5825	LV	NT	-37000.00	-6.351931	20	PASS
11A	Ant1	5825	HV	NT	-37000.00	-6.351931	20	PASS
11N20SISO	Ant1	5745	NV	NT	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	LV	NT	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	HV	NT	-36000.00	-6.266319	20	PASS
11N20SISO	Ant1	5785	NV	NT	-36000.00	-6.222990	20	PASS
11N20SISO	Ant1	5785	LV	NT	-37000.00	-6.395851	20	PASS
11N20SISO	Ant1	5785	HV	NT	-37000.00	-6.395851	20	PASS
11N20SISO	Ant1	5825	NV	NT	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	LV	NT	-37000.00	-6.351931	20	PASS
11N20SISO	Ant1	5825	HV	NT	-37000.00	-6.351931	20	PASS

11N40SISO	Ant1	5755	NV	NT	-34000.00	-5.907906	20	PASS
11N40SISO	Ant1	5755	LV	NT	-37000.00	-6.429192	20	PASS
11N40SISO	Ant1	5755	HV	NT	-37000.00	-6.429192	20	PASS
11N40SISO	Ant1	5795	NV	NT	-35000.00	-6.039689	20	PASS
11N40SISO	Ant1	5795	LV	NT	-37000.00	-6.384814	20	PASS
11N20SISO	Ant1	5180	NV	NT	-33000.00	-6.370656	20	PASS
11N20SISO	Ant1	5180	LV	NT	-33000.00	-6.370656	20	PASS
11N20SISO	Ant1	5180	HV	NT	-33000.00	-6.370656	20	PASS
11N20SISO	Ant1	5200	NV	NT	-33000.00	-6.346154	20	PASS
11N20SISO	Ant1	5200	LV	NT	-33000.00	-6.346154	20	PASS
11N20SISO	Ant1	5200	HV	NT	-32000.00	-6.153846	20	PASS
11A	Ant1	5785	NV	NT	-36000.00	-6.222990	20	PASS
11A	Ant1	5785	LV	NT	-37000.00	-6.395851	20	PASS
11A	Ant1	5785	HV	NT	-37000.00	-6.395851	20	PASS
11A	Ant1	5825	NV	NT	-36000.00	-6.180258	20	PASS
11N40SISO	Ant1	5795	HV	NT	-37000.00	-6.384814	20	PASS
11AC20SISO	Ant1	5745	NV	NT	-34000.00	-5.918190	20	PASS
11AC20SISO	Ant1	5745	LV	NT	-36000.00	-6.266319	20	PASS
11AC20SISO	Ant1	5745	HV	NT	-36000.00	-6.266319	20	PASS
11AC20SISO	Ant1	5785	NV	NT	-36000.00	-6.222990	20	PASS
11AC20SISO	Ant1	5785	LV	NT	-37000.00	-6.395851	20	PASS
11AC20SISO	Ant1	5785	HV	NT	-37000.00	-6.395851	20	PASS
11AC20SISO	Ant1	5825	NV	NT	-35000.00	-6.008584	20	PASS
11AC20SISO	Ant1	5825	LV	NT	-37000.00	-6.351931	20	PASS
11AC20SISO	Ant1	5825	HV	NT	-37000.00	-6.351931	20	PASS
11N20SISO	Ant1	5240	NV	NT	-34000.00	-6.488550	20	PASS
11N20SISO	Ant1	5240	LV	NT	-33000.00	-6.297710	20	PASS
11N20SISO	Ant1	5240	HV	NT	-32000.00	-6.106870	20	PASS
11N40SISO	Ant1	5190	NV	NT	-34000.00	-6.551060	20	PASS
11N40SISO	Ant1	5190	LV	NT	-33000.00	-6.358382	20	PASS
11N40SIS	Ant1	5190	HV	NT	-32000.00	-6.165703	20	PASS

O								
11N40SISO	Ant1	5230	NV	NT	-33000.00	-6.309751	20	PASS
11N40SISO	Ant1	5230	LV	NT	-33000.00	-6.309751	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS
			NV	-20	40000.00	7.722008	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	40000.00	7.722008	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	40000.00	7.722008	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
		5220	NV	-30	40000.00	7.662835	20	PASS
			NV	-20	40000.00	7.662835	20	PASS
			NV	-10	40000.00	7.662835	20	PASS
			NV	0	40000.00	7.662835	20	PASS
			NV	10	40000.00	7.662835	20	PASS
			NV	20	40000.00	7.662835	20	PASS
			NV	30	40000.00	7.662835	20	PASS
			NV	40	40000.00	7.662835	20	PASS
			NV	50	40000.00	7.662835	20	PASS
		5240	NV	-30	40000.00	7.633588	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	40000.00	7.633588	20	PASS
			NV	40	40000.00	7.633588	20	PASS
			NV	50	40000.00	7.633588	20	PASS
		5745	NV	-30	40000.00	6.962576	20	PASS
			NV	-20	40000.00	6.962576	20	PASS
			NV	-10	40000.00	6.962576	20	PASS
			NV	0	40000.00	6.962576	20	PASS
			NV	10	40000.00	6.962576	20	PASS
			NV	20	40000.00	6.962576	20	PASS
			NV	30	40000.00	6.962576	20	PASS
			NV	40	40000.00	6.962576	20	PASS
			NV	50	40000.00	6.962576	20	PASS
		5785	NV	-30	40000.00	6.914434	20	PASS
			NV	-20	40000.00	6.914434	20	PASS
			NV	-10	40000.00	6.914434	20	PASS
			NV	0	40000.00	6.914434	20	PASS
			NV	10	40000.00	6.914434	20	PASS
			NV	20	40000.00	6.914434	20	PASS
			NV	30	40000.00	6.914434	20	PASS
			NV	40	40000.00	6.914434	20	PASS
			NV	50	40000.00	6.914434	20	PASS
		5825	NV	-30	40000.00	6.866953	20	PASS
			NV	-20	40000.00	6.866953	20	PASS
			NV	-10	40000.00	6.866953	20	PASS
			NV	0	40000.00	6.866953	20	PASS
			NV	10	40000.00	6.866953	20	PASS
			NV	20	40000.00	6.866953	20	PASS

			NV	30	40000.00	6.866953	20	PASS
			NV	40	40000.00	6.866953	20	PASS
			NV	50	40000.00	6.866953	20	PASS
11N20SISO	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS
			NV	-20	40000.00	7.722008	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	40000.00	7.722008	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	40000.00	7.722008	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
		5220	NV	-30	40000.00	7.662835	20	PASS
			NV	-20	40000.00	7.662835	20	PASS
			NV	-10	40000.00	7.662835	20	PASS
			NV	0	40000.00	7.662835	20	PASS
			NV	10	40000.00	7.662835	20	PASS
			NV	20	40000.00	7.662835	20	PASS
			NV	30	40000.00	7.662835	20	PASS
			NV	40	40000.00	7.662835	20	PASS
			NV	50	40000.00	7.662835	20	PASS
		5240	NV	-30	40000.00	7.633588	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	40000.00	7.633588	20	PASS
			NV	40	40000.00	7.633588	20	PASS
			NV	50	40000.00	7.633588	20	PASS
		5745	NV	-30	40000.00	6.962576	20	PASS
			NV	-20	40000.00	6.962576	20	PASS
			NV	-10	40000.00	6.962576	20	PASS
			NV	0	40000.00	6.962576	20	PASS
			NV	10	40000.00	6.962576	20	PASS
			NV	20	40000.00	6.962576	20	PASS
			NV	30	40000.00	6.962576	20	PASS
			NV	40	40000.00	6.962576	20	PASS
			NV	50	40000.00	6.962576	20	PASS
		5785	NV	-30	40000.00	6.914434	20	PASS
			NV	-20	40000.00	6.914434	20	PASS
			NV	-10	40000.00	6.914434	20	PASS
			NV	0	40000.00	6.914434	20	PASS
			NV	10	40000.00	6.914434	20	PASS
			NV	20	40000.00	6.914434	20	PASS
			NV	30	40000.00	6.914434	20	PASS
			NV	40	40000.00	6.914434	20	PASS
			NV	50	40000.00	6.914434	20	PASS
		5825	NV	-30	40000.00	6.866953	20	PASS
			NV	-20	40000.00	6.866953	20	PASS
			NV	-10	40000.00	6.866953	20	PASS
			NV	0	40000.00	6.866953	20	PASS
			NV	10	40000.00	6.866953	20	PASS
			NV	20	40000.00	6.866953	20	PASS
			NV	30	40000.00	6.866953	20	PASS
			NV	40	40000.00	6.866953	20	PASS

			NV	50	40000.00	6.866953	20	PASS
11N40SISO	Ant1	5190	NV	-30	40000.00	7.707129	20	PASS
			NV	-20	40000.00	7.707129	20	PASS
			NV	-10	40000.00	7.707129	20	PASS
			NV	0	40000.00	7.707129	20	PASS
			NV	10	40000.00	7.707129	20	PASS
			NV	20	40000.00	7.707129	20	PASS
			NV	30	40000.00	7.707129	20	PASS
			NV	40	40000.00	7.707129	20	PASS
			NV	50	40000.00	7.707129	20	PASS
		5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	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	40000.00	7.648184	20	PASS
		5755	NV	-30	40000.00	6.950478	20	PASS
			NV	-20	40000.00	6.950478	20	PASS
			NV	-10	40000.00	6.950478	20	PASS
			NV	0	40000.00	6.950478	20	PASS
			NV	10	40000.00	6.950478	20	PASS
			NV	20	40000.00	6.950478	20	PASS
			NV	30	40000.00	6.950478	20	PASS
			NV	40	40000.00	6.950478	20	PASS
			NV	50	40000.00	6.950478	20	PASS
		5795	NV	-30	40000.00	6.902502	20	PASS
			NV	-20	40000.00	6.902502	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	40000.00	6.902502	20	PASS
			NV	10	40000.00	6.902502	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	40000.00	6.902502	20	PASS
			NV	40	40000.00	6.902502	20	PASS
			NV	50	40000.00	6.902502	20	PASS
11AC20SISO	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS
			NV	-20	40000.00	7.722008	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	40000.00	7.722008	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	40000.00	7.722008	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
		5220	NV	-30	40000.00	7.662835	20	PASS
			NV	-20	40000.00	7.662835	20	PASS
			NV	-10	40000.00	7.662835	20	PASS
			NV	0	40000.00	7.662835	20	PASS
			NV	10	40000.00	7.662835	20	PASS
			NV	20	40000.00	7.662835	20	PASS
			NV	30	40000.00	7.662835	20	PASS
			NV	40	40000.00	7.662835	20	PASS
			NV	50	40000.00	7.662835	20	PASS
		5240	NV	-30	40000.00	7.633588	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	40000.00	7.633588	20	PASS
			NV	40	40000.00	7.633588	20	PASS
			NV	50	40000.00	7.633588	20	PASS
		5745	NV	-30	40000.00	6.962576	20	PASS
			NV	-20	40000.00	6.962576	20	PASS
			NV	-10	40000.00	6.962576	20	PASS
			NV	0	40000.00	6.962576	20	PASS
			NV	10	40000.00	6.962576	20	PASS
			NV	20	40000.00	6.962576	20	PASS
			NV	30	40000.00	6.962576	20	PASS
			NV	40	40000.00	6.962576	20	PASS
			NV	50	40000.00	6.962576	20	PASS
		5785	NV	-30	40000.00	6.914434	20	PASS
			NV	-20	40000.00	6.914434	20	PASS
			NV	-10	40000.00	6.914434	20	PASS
			NV	0	40000.00	6.914434	20	PASS
			NV	10	40000.00	6.914434	20	PASS
			NV	20	40000.00	6.914434	20	PASS
			NV	30	40000.00	6.914434	20	PASS
			NV	40	40000.00	6.914434	20	PASS
			NV	50	40000.00	6.914434	20	PASS
		5825	NV	-30	40000.00	6.866953	20	PASS
			NV	-20	40000.00	6.866953	20	PASS
			NV	-10	40000.00	6.866953	20	PASS
			NV	0	40000.00	6.866953	20	PASS
			NV	10	40000.00	6.866953	20	PASS
			NV	20	40000.00	6.866953	20	PASS
			NV	30	40000.00	6.866953	20	PASS
			NV	40	40000.00	6.866953	20	PASS
			NV	50	40000.00	6.866953	20	PASS

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5180	NV	NT	-33000.00	-6.370656	20	PASS
11A	Ant2	5180	LV	NT	-33000.00	-6.370656	20	PASS
11A	Ant2	5180	HV	NT	-33000.00	-6.370656	20	PASS
11A	Ant2	5200	NV	NT	-33000.00	-6.346154	20	PASS
11A	Ant2	5200	LV	NT	-32000.00	-6.153846	20	PASS
11A	Ant2	5200	HV	NT	-31000.00	-5.961538	20	PASS
11A	Ant2	5240	NV	NT	-33000.00	-6.297710	20	PASS
11A	Ant2	5240	LV	NT	-32000.00	-6.106870	20	PASS
11A	Ant2	5240	HV	NT	-31000.00	-5.916031	20	PASS
11A	Ant2	5745	NV	NT	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	LV	NT	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	HV	NT	-36000.00	-6.266319	20	PASS
11A	Ant2	5785	NV	NT	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	LV	NT	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	HV	NT	-37000.00	-6.395851	20	PASS

11A	Ant2	5825	NV	NT	-38000.00	-6.523605	20	PASS
11A	Ant2	5825	LV	NT	-37000.00	-6.351931	20	PASS
11A	Ant2	5825	HV	NT	-37000.00	-6.351931	20	PASS
11N20SISO	Ant2	5180	NV	NT	-33000.00	-6.370656	20	PASS
11N20SISO	Ant2	5180	LV	NT	-31000.00	-5.984556	20	PASS
11N20SISO	Ant2	5180	HV	NT	-31000.00	-5.984556	20	PASS
11N20SISO	Ant2	5200	NV	NT	-32000.00	-6.153846	20	PASS
11N20SISO	Ant2	5200	LV	NT	-30000.00	-5.769231	20	PASS
11N20SISO	Ant2	5200	HV	NT	-30000.00	-5.769231	20	PASS
11N20SISO	Ant2	5240	NV	NT	-31000.00	-5.916031	20	PASS
11N20SISO	Ant2	5240	LV	NT	-30000.00	-5.725191	20	PASS
11N20SISO	Ant2	5240	HV	NT	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5745	NV	NT	-36000.00	-6.266319	20	PASS
11N20SISO	Ant2	5745	LV	NT	-35000.00	-6.092254	20	PASS
11N20SISO	Ant2	5745	HV	NT	-36000.00	-6.266319	20	PASS
11N20SISO	Ant2	5785	NV	NT	-37000.00	-6.395851	20	PASS
11N20SISO	Ant2	5785	LV	NT	-36000.00	-6.222990	20	PASS
11N20SISO	Ant2	5785	HV	NT	-36000.00	-6.222990	20	PASS
11N20SISO	Ant2	5825	NV	NT	-37000.00	-6.351931	20	PASS
11N20SISO	Ant2	5825	LV	NT	-37000.00	-6.351931	20	PASS
11N20SISO	Ant2	5825	HV	NT	-37000.00	-6.351931	20	PASS
11N40SISO	Ant2	5190	NV	NT	-33000.00	-6.358382	20	PASS
11N40SISO	Ant2	5190	LV	NT	-32000.00	-6.165703	20	PASS
11N40SISO	Ant2	5190	HV	NT	-31000.00	-5.973025	20	PASS
11N40SISO	Ant2	5230	NV	NT	-32000.00	-6.118547	20	PASS
11N40SISO	Ant2	5230	LV	NT	-30000.00	-5.736138	20	PASS
11N40SISO	Ant2	5230	HV	NT	-30000.00	-5.736138	20	PASS
11N40SISO	Ant2	5755	NV	NT	-36000.00	-6.255430	20	PASS
11N40SISO	Ant2	5755	LV	NT	-36000.00	-6.255430	20	PASS
11N40SISO	Ant2	5755	HV	NT	-36000.00	-6.255430	20	PASS

11N40SISO	Ant2	5795	NV	NT	-37000.00	-6.384814	20	PASS
11N40SISO	Ant2	5795	LV	NT	-37000.00	-6.384814	20	PASS
11N40SISO	Ant2	5795	HV	NT	-37000.00	-6.384814	20	PASS
11AC20SISO	Ant2	5180	NV	NT	-33000.00	-6.370656	20	PASS
11AC20SISO	Ant2	5180	LV	NT	-32000.00	-6.177606	20	PASS
11AC20SISO	Ant2	5180	HV	NT	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant2	5200	NV	NT	-32000.00	-6.153846	20	PASS
11AC20SISO	Ant2	5200	LV	NT	-31000.00	-5.961538	20	PASS
11AC20SISO	Ant2	5200	HV	NT	-30000.00	-5.769231	20	PASS
11AC20SISO	Ant2	5240	NV	NT	-32000.00	-6.106870	20	PASS
11AC20SISO	Ant2	5240	LV	NT	-31000.00	-5.916031	20	PASS
11AC20SISO	Ant2	5240	HV	NT	-30000.00	-5.725191	20	PASS
11AC20SISO	Ant2	5745	NV	NT	-36000.00	-6.266319	20	PASS
11AC20SISO	Ant2	5745	LV	NT	-36000.00	-6.266319	20	PASS
11AC20SISO	Ant2	5745	HV	NT	-36000.00	-6.266319	20	PASS
11AC20SISO	Ant2	5785	NV	NT	-37000.00	-6.395851	20	PASS
11AC20SISO	Ant2	5785	LV	NT	-37000.00	-6.395851	20	PASS
11AC20SISO	Ant2	5785	HV	NT	-37000.00	-6.395851	20	PASS
11AC20SISO	Ant2	5825	NV	NT	-38000.00	-6.523605	20	PASS
11AC20SISO	Ant2	5825	LV	NT	-37000.00	-6.351931	20	PASS
11AC20SISO	Ant2	5825	HV	NT	-37000.00	-6.351931	20	PASS

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5180	NV	-30	-32000.00	-6.177606	20	PASS
11A	Ant2	5180	NV	-20	-32000.00	-6.177606	20	PASS
11A	Ant2	5180	NV	-10	-32000.00	-6.177606	20	PASS
11A	Ant2	5180	NV	0	-32000.00	-6.177606	20	PASS
11A	Ant2	5180	NV	10	-32000.00	-6.177606	20	PASS
11A	Ant2	5180	NV	20	-32000.00	-6.177606	20	PASS
11A	Ant2	5180	NV	30	-32000.00	-6.177606	20	PASS
11A	Ant2	5180	NV	40	-32000.00	-6.177606	20	PASS
11A	Ant2	5180	NV	50	-32000.00	-6.177606	20	PASS
11A	Ant2	5200	NV	-30	-31000.00	-5.961538	20	PASS
11A	Ant2	5200	NV	-20	-31000.00	-5.961538	20	PASS
11A	Ant2	5200	NV	-10	-31000.00	-5.961538	20	PASS
11A	Ant2	5200	NV	0	-31000.00	-5.961538	20	PASS
11A	Ant2	5200	NV	10	-31000.00	-5.961538	20	PASS
11A	Ant2	5200	NV	20	-31000.00	-5.961538	20	PASS
11A	Ant2	5200	NV	30	-31000.00	-5.961538	20	PASS
11A	Ant2	5200	NV	40	-31000.00	-5.961538	20	PASS
11A	Ant2	5200	NV	50	-31000.00	-5.961538	20	PASS
11A	Ant2	5240	NV	-30	-31000.00	-5.916031	20	PASS
11A	Ant2	5240	NV	-20	-31000.00	-5.916031	20	PASS
11A	Ant2	5240	NV	-10	-31000.00	-5.916031	20	PASS
11A	Ant2	5240	NV	0	-31000.00	-5.916031	20	PASS
11A	Ant2	5240	NV	10	-31000.00	-5.916031	20	PASS
11A	Ant2	5240	NV	20	-31000.00	-5.916031	20	PASS
11A	Ant2	5240	NV	30	-31000.00	-5.916031	20	PASS
11A	Ant2	5240	NV	40	-31000.00	-5.916031	20	PASS
11A	Ant2	5240	NV	50	-31000.00	-5.916031	20	PASS
11A	Ant2	5745	NV	-30	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	NV	-20	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	NV	-10	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	NV	0	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	NV	10	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	NV	20	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	NV	30	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	NV	40	-37000.00	-6.440383	20	PASS
11A	Ant2	5745	NV	50	-37000.00	-6.440383	20	PASS
11A	Ant2	5785	NV	-30	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	NV	-20	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	NV	-10	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	NV	0	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	NV	10	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	NV	20	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	NV	30	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	NV	40	-37000.00	-6.395851	20	PASS
11A	Ant2	5785	NV	50	-37000.00	-6.395851	20	PASS
11A	Ant2	5825	NV	-30	-37000.00	-6.351931	20	PASS
11A	Ant2	5825	NV	-20	-37000.00	-6.351931	20	PASS
11A	Ant2	5825	NV	-10	-37000.00	-6.351931	20	PASS
11A	Ant2	5825	NV	0	-37000.00	-6.351931	20	PASS
11A	Ant2	5825	NV	10	-37000.00	-6.351931	20	PASS
11A	Ant2	5825	NV	20	-37000.00	-6.351931	20	PASS
11A	Ant2	5825	NV	30	-37000.00	-6.351931	20	PASS

11A	Ant2	5825	NV	40	-37000.00	-6.351931	20	PASS
11A	Ant2	5825	NV	50	-37000.00	-6.351931	20	PASS
11N20SISO	Ant2	5180	NV	-30	-31000.00	-5.984556	20	PASS
11N20SISO	Ant2	5180	NV	-20	-30000.00	-5.791506	20	PASS
11N20SISO	Ant2	5180	NV	-10	-31000.00	-5.984556	20	PASS
11N20SISO	Ant2	5180	NV	0	-30000.00	-5.791506	20	PASS
11N20SISO	Ant2	5180	NV	10	-30000.00	-5.791506	20	PASS
11N20SISO	Ant2	5180	NV	20	-30000.00	-5.791506	20	PASS
11N20SISO	Ant2	5180	NV	30	-30000.00	-5.791506	20	PASS
11N20SISO	Ant2	5180	NV	40	-30000.00	-5.791506	20	PASS
11N20SISO	Ant2	5180	NV	50	-30000.00	-5.791506	20	PASS
11N20SISO	Ant2	5200	NV	-30	-30000.00	-5.769231	20	PASS
11N20SISO	Ant2	5200	NV	-20	-30000.00	-5.769231	20	PASS
11N20SISO	Ant2	5200	NV	-10	-30000.00	-5.769231	20	PASS
11N20SISO	Ant2	5200	NV	0	-29000.00	-5.576923	20	PASS
11N20SISO	Ant2	5200	NV	10	-30000.00	-5.769231	20	PASS
11N20SISO	Ant2	5200	NV	20	-30000.00	-5.769231	20	PASS
11N20SISO	Ant2	5200	NV	30	-29000.00	-5.576923	20	PASS
11N20SISO	Ant2	5200	NV	40	-29000.00	-5.576923	20	PASS
11N20SISO	Ant2	5200	NV	50	-29000.00	-5.576923	20	PASS
11N20SISO	Ant2	5240	NV	-30	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5240	NV	-20	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5240	NV	-10	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5240	NV	0	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5240	NV	10	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5240	NV	20	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5240	NV	30	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5240	NV	40	-29000.00	-5.534351	20	PASS
11N20SISO	Ant2	5240	NV	50	-29000.00	-5.534351	20	PASS
11N20SIS	Ant2	5745	NV	-30	-36000.00	-6.266319	20	PASS

O								
11N20SISO	Ant2	5745	NV	-20	-36000.00	-6.266319	20	PASS
11N20SISO	Ant2	5745	NV	-10	-36000.00	-6.266319	20	PASS
11N20SISO	Ant2	5745	NV	0	-36000.00	-6.266319	20	PASS
11N20SISO	Ant2	5745	NV	10	-36000.00	-6.266319	20	PASS
11N20SISO	Ant2	5745	NV	20	-36000.00	-6.266319	20	PASS
11N20SISO	Ant2	5745	NV	30	-37000.00	-6.440383	20	PASS
11N20SISO	Ant2	5745	NV	40	-36000.00	-6.266319	20	PASS
11N20SISO	Ant2	5745	NV	50	-37000.00	-6.440383	20	PASS
11N20SISO	Ant2	5785	NV	-30	-36000.00	-6.222990	20	PASS
11N20SISO	Ant2	5785	NV	-20	-36000.00	-6.222990	20	PASS
11N20SISO	Ant2	5785	NV	-10	-36000.00	-6.222990	20	PASS
11N20SISO	Ant2	5785	NV	0	-36000.00	-6.222990	20	PASS
11N20SISO	Ant2	5785	NV	10	-36000.00	-6.222990	20	PASS
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11N20SISO	Ant2	5785	NV	50	-36000.00	-6.222990	20	PASS
11N20SISO	Ant2	5825	NV	-30	-36000.00	-6.180258	20	PASS
11N20SISO	Ant2	5825	NV	-20	-37000.00	-6.351931	20	PASS
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11N20SISO	Ant2	5825	NV	20	-37000.00	-6.351931	20	PASS
11N20SISO	Ant2	5825	NV	30	-37000.00	-6.351931	20	PASS
11N20SISO	Ant2	5825	NV	40	-37000.00	-6.351931	20	PASS
11N20SISO	Ant2	5825	NV	50	-36000.00	-6.180258	20	PASS
11N40SISO	Ant2	5190	NV	-30	-30000.00	-5.780347	20	PASS
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11N40SISO	Ant2	5190	NV	-10	-30000.00	-5.780347	20	PASS
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11N40SISO	Ant2	5190	NV	10	-30000.00	-5.780347	20	PASS
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11N40SISO	Ant2	5190	NV	40	-30000.00	-5.780347	20	PASS
11N40SISO	Ant2	5190	NV	50	-30000.00	-5.780347	20	PASS
11N40SISO	Ant2	5230	NV	-30	-30000.00	-5.736138	20	PASS
11N40SISO	Ant2	5230	NV	-20	-30000.00	-5.736138	20	PASS
11N40SISO	Ant2	5230	NV	-10	-29000.00	-5.544933	20	PASS
11N40SISO	Ant2	5230	NV	0	-30000.00	-5.736138	20	PASS
11N40SISO	Ant2	5230	NV	10	-30000.00	-5.736138	20	PASS
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11N40SISO	Ant2	5230	NV	40	-29000.00	-5.544933	20	PASS
11N40SISO	Ant2	5230	NV	50	-29000.00	-5.544933	20	PASS
11N40SISO	Ant2	5755	NV	-30	-36000.00	-6.255430	20	PASS
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11N40SISO	Ant2	5755	NV	50	-37000.00	-6.429192	20	PASS
11N40SISO	Ant2	5795	NV	-30	-36000.00	-6.212252	20	PASS
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11N40SIS	Ant2	5795	NV	0	-37000.00	-6.384814	20	PASS

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11N40SISO	Ant2	5795	NV	10	-37000.00	-6.384814	20	PASS
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11AC20SISO	Ant2	5180	NV	-30	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant2	5180	NV	-20	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant2	5180	NV	-10	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant2	5180	NV	0	-31000.00	-5.984556	20	PASS
11AC20SISO	Ant2	5180	NV	10	-30000.00	-5.791506	20	PASS
11AC20SISO	Ant2	5180	NV	20	-31000.00	-5.984556	20	PASS
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11AC20SISO	Ant2	5180	NV	40	-30000.00	-5.791506	20	PASS
11AC20SISO	Ant2	5180	NV	50	-30000.00	-5.791506	20	PASS
11AC20SISO	Ant2	5200	NV	-30	-30000.00	-5.769231	20	PASS
11AC20SISO	Ant2	5200	NV	-20	-30000.00	-5.769231	20	PASS
11AC20SISO	Ant2	5200	NV	-10	-30000.00	-5.769231	20	PASS
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11AC20SISO	Ant2	5240	NV	-30	-30000.00	-5.725191	20	PASS
11AC20SISO	Ant2	5240	NV	-20	-30000.00	-5.725191	20	PASS
11AC20SISO	Ant2	5240	NV	-10	-30000.00	-5.725191	20	PASS
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11AC20SISO	Ant2	5240	NV	20	-30000.00	-5.725191	20	PASS
11AC20SISO	Ant2	5240	NV	30	-30000.00	-5.725191	20	PASS
11AC20SISO	Ant2	5240	NV	40	-30000.00	-5.725191	20	PASS
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11AC20SISO	Ant2	5745	NV	-30	-36000.00	-6.266319	20	PASS
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11AC20SISO	Ant2	5745	NV	-10	-37000.00	-6.440383	20	PASS
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11AC20SISO	Ant2	5745	NV	10	-37000.00	-6.440383	20	PASS
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11AC20SISO	Ant2	5745	NV	40	-37000.00	-6.440383	20	PASS
11AC20SISO	Ant2	5745	NV	50	-37000.00	-6.440383	20	PASS
11AC20SISO	Ant2	5785	NV	-30	-36000.00	-6.222990	20	PASS
11AC20SISO	Ant2	5785	NV	-20	-36000.00	-6.222990	20	PASS
11AC20SISO	Ant2	5785	NV	-10	-37000.00	-6.395851	20	PASS
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11AC20SISO	Ant2	5785	NV	50	-37000.00	-6.395851	20	PASS
11AC20SISO	Ant2	5825	NV	-30	-37000.00	-6.351931	20	PASS
11AC20SISO	Ant2	5825	NV	-20	-37000.00	-6.351931	20	PASS
11AC20SISO	Ant2	5825	NV	-10	-37000.00	-6.351931	20	PASS
11AC20SISO	Ant2	5825	NV	0	-37000.00	-6.351931	20	PASS
11AC20SISO	Ant2	5825	NV	10	-37000.00	-6.351931	20	PASS
11AC20SISO	Ant2	5825	NV	20	-37000.00	-6.351931	20	PASS
11AC20SIS	Ant2	5825	NV	30	-37000.00	-6.351931	20	PASS

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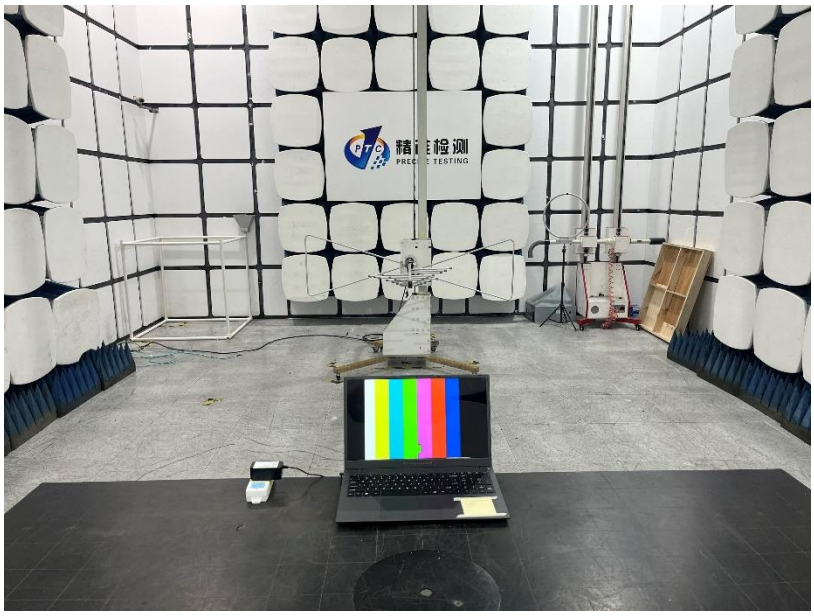
11AC20SISO	Ant2	5825	NV	40	-37000.00	-6.351931	20	PASS
11AC20SISO	Ant2	5825	NV	50	-37000.00	-6.351931	20	PASS

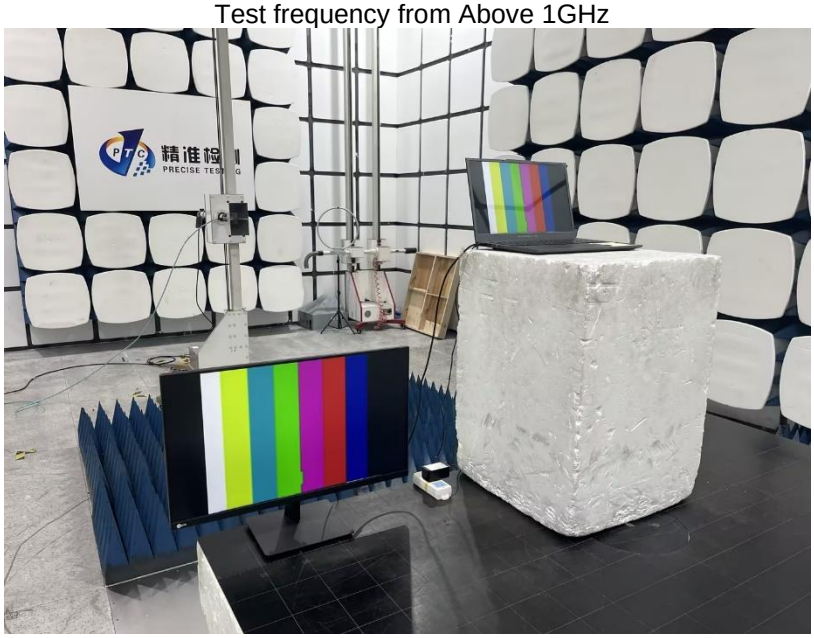
11 Test Setup

Conducted Emissions

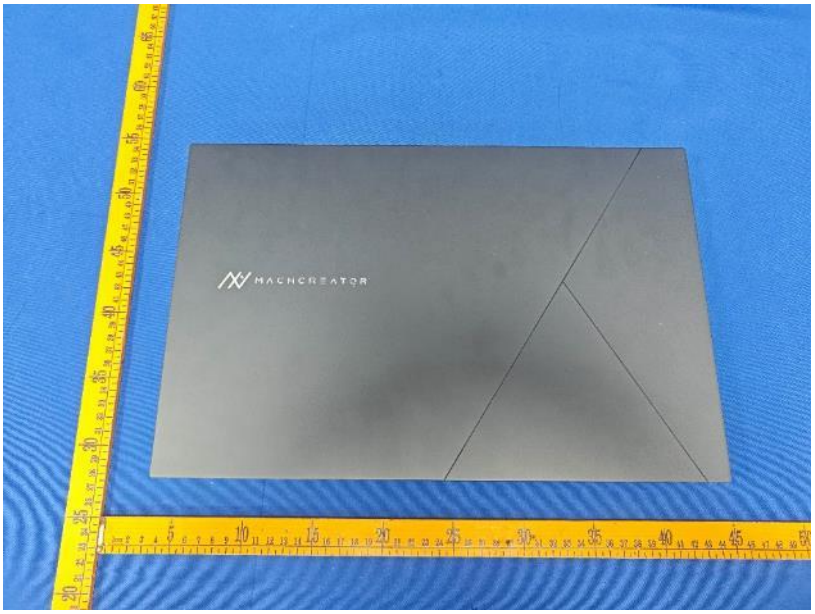
Radiated Spurious Emissions
From 30MHz-1000MHz



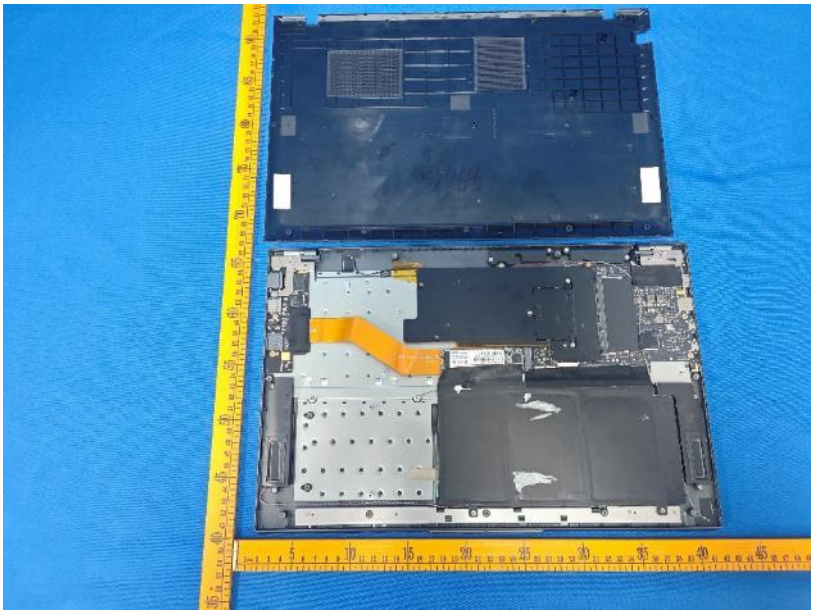
Test frequency from Above 1GHz

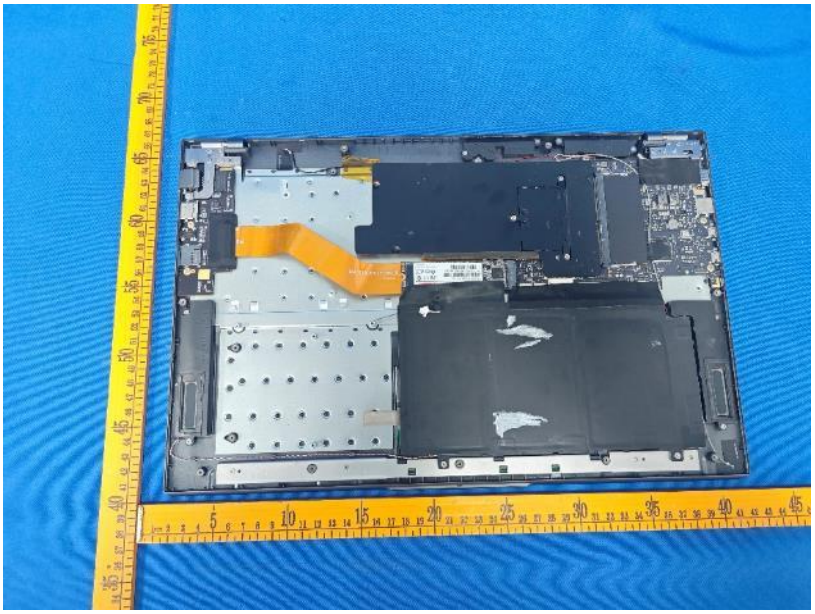


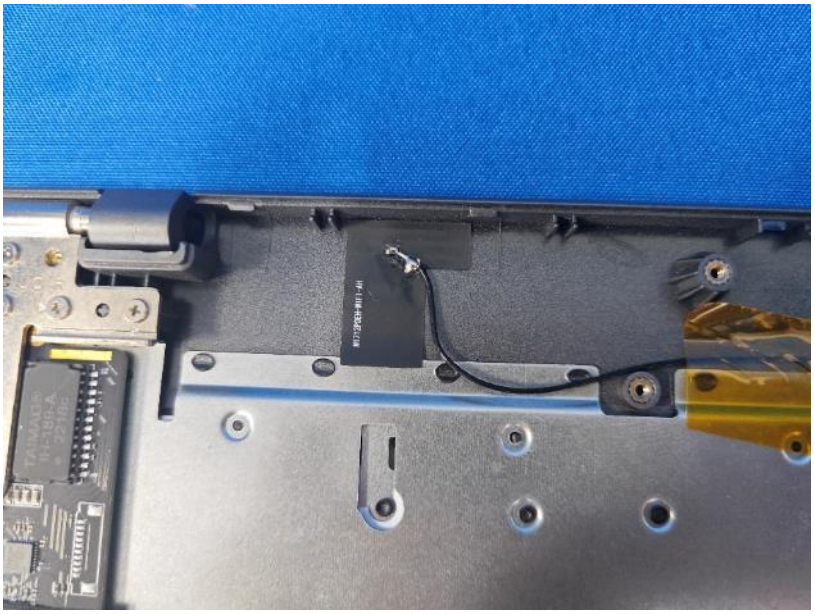
12 EUT PHOTOS

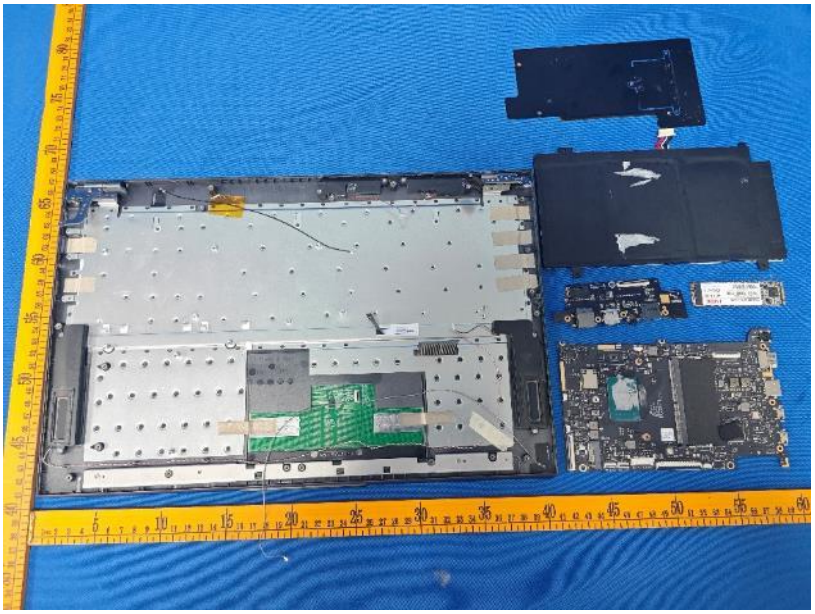

MACHCREATOR

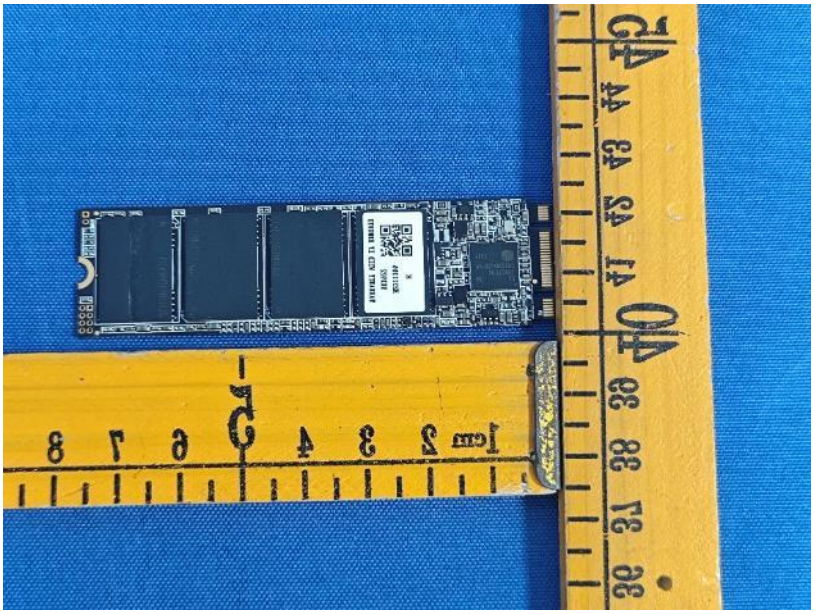
MACHCREATOR

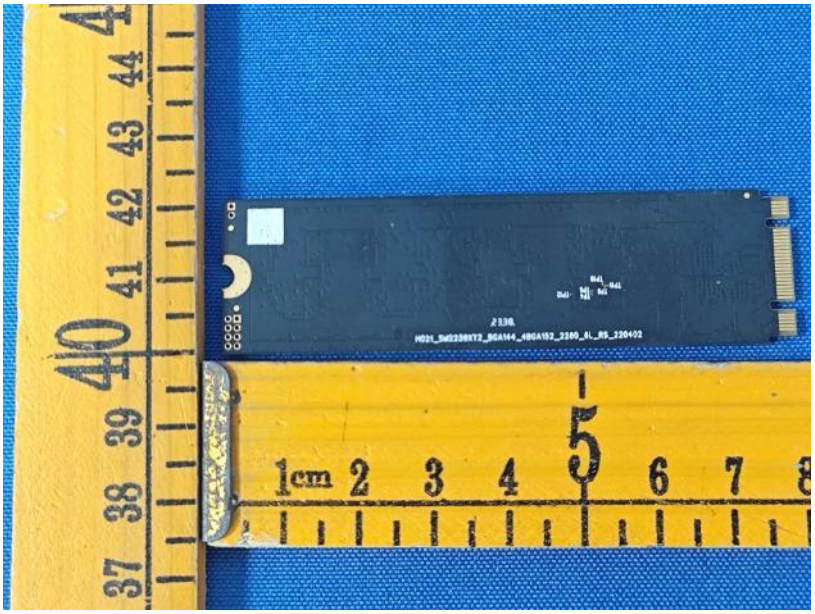


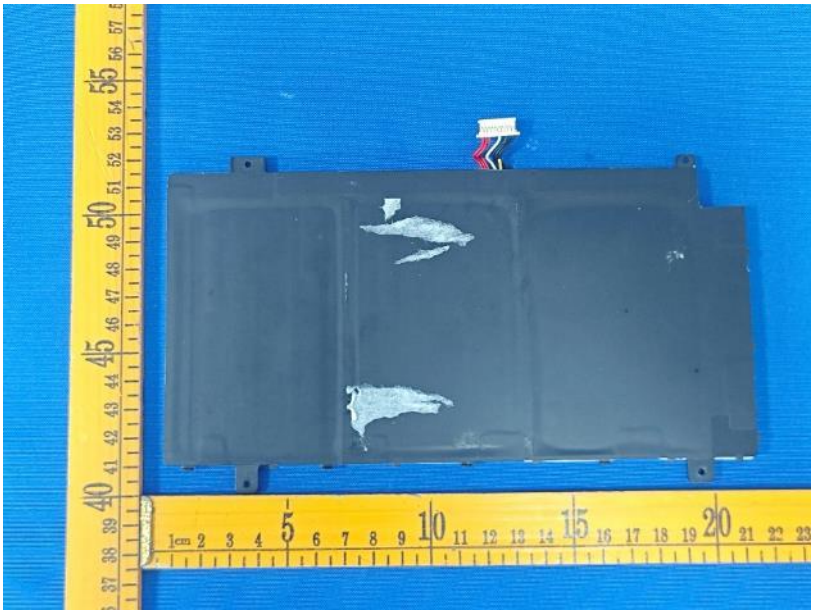


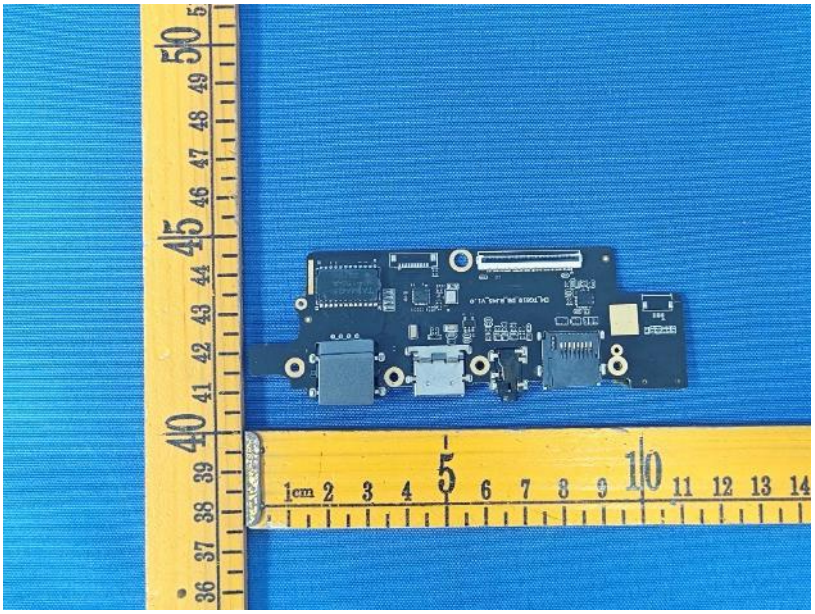


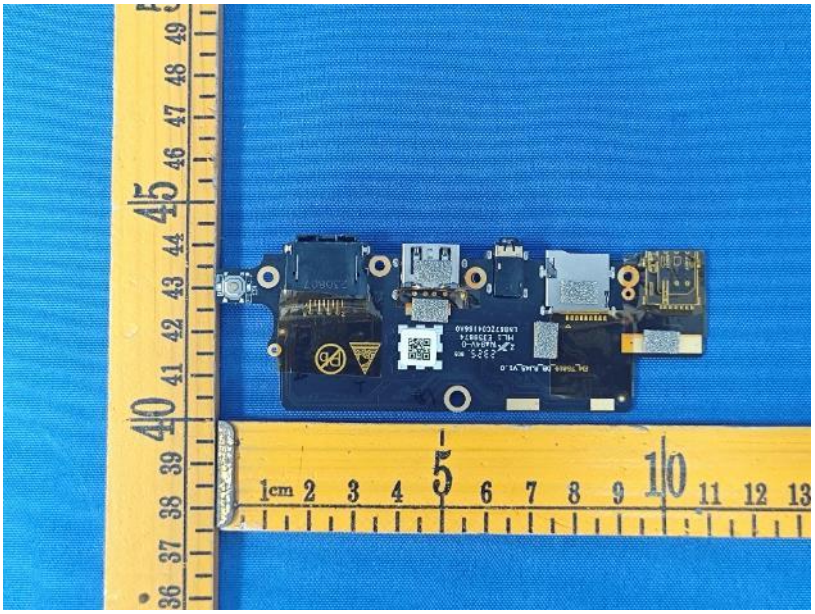


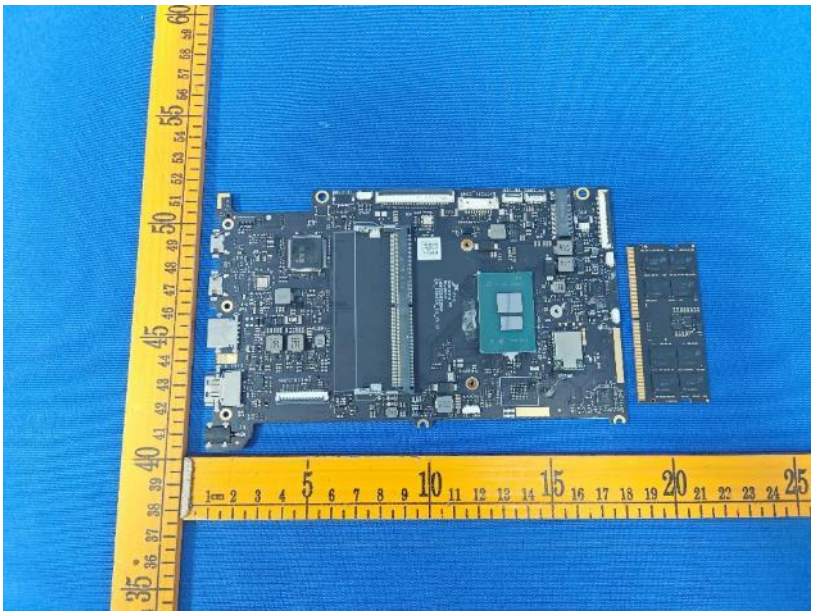


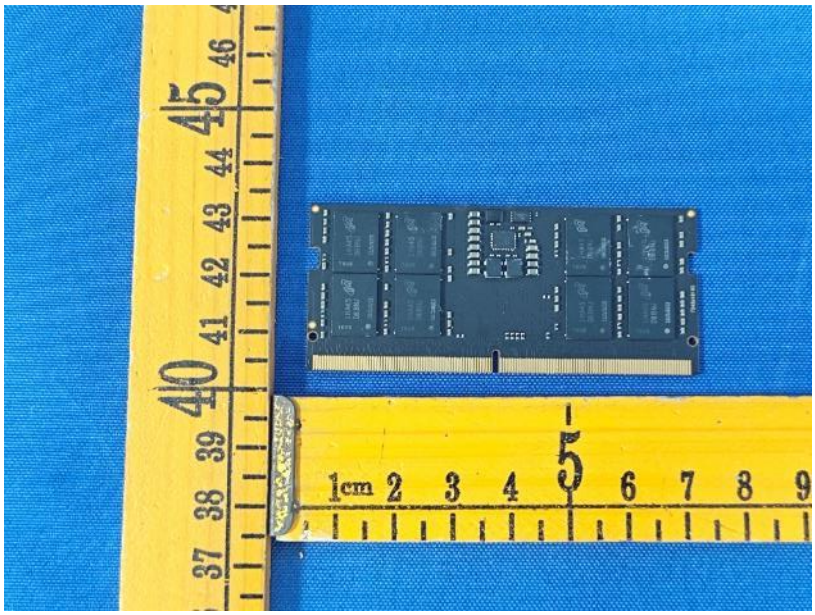


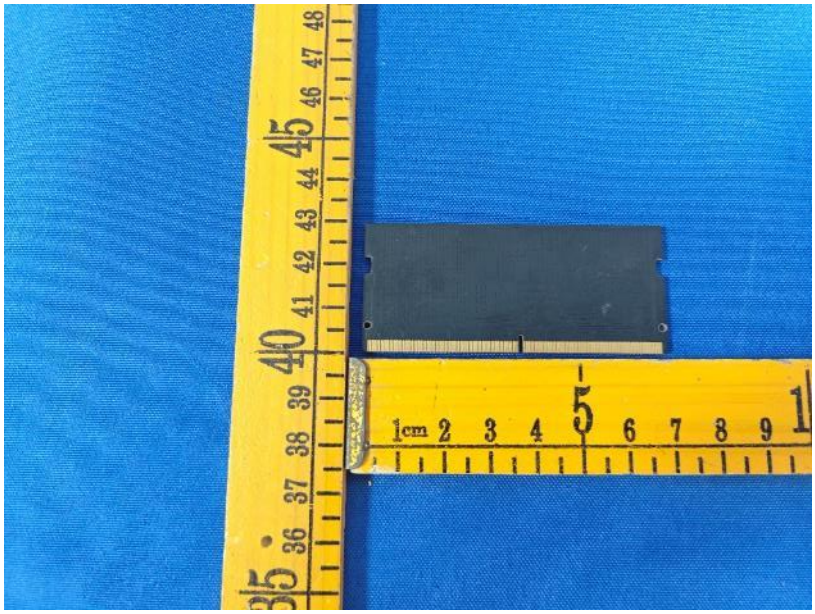


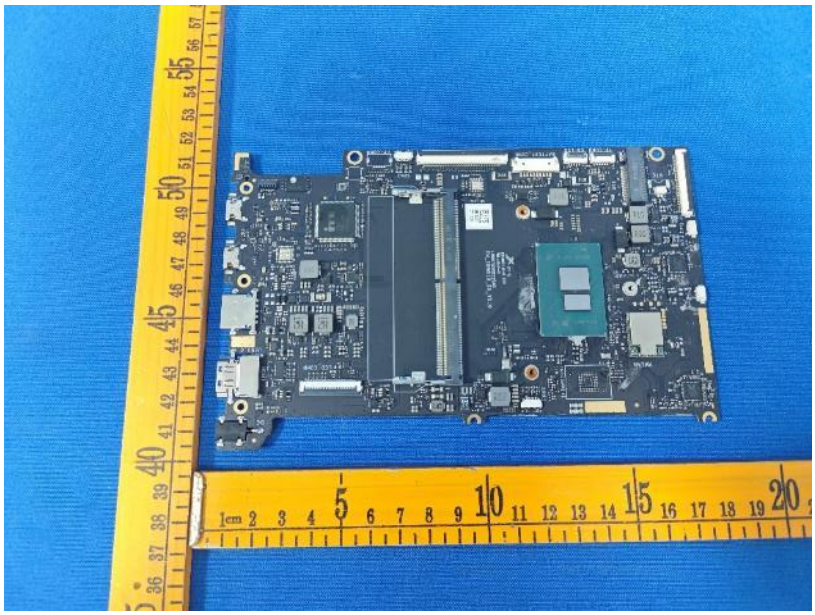


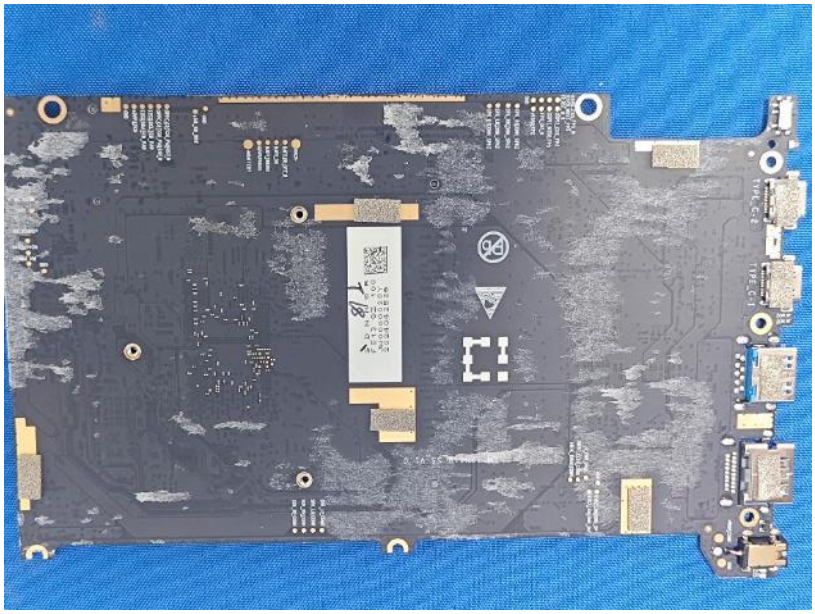


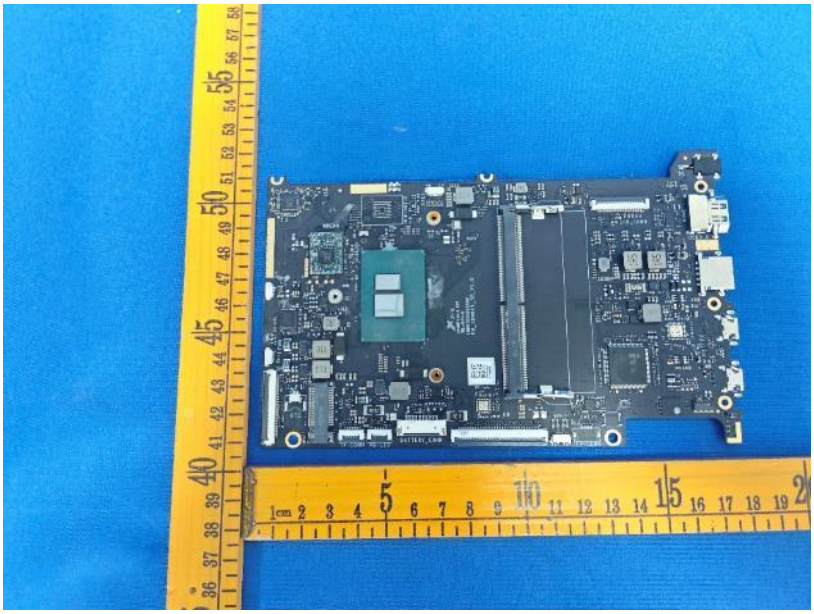




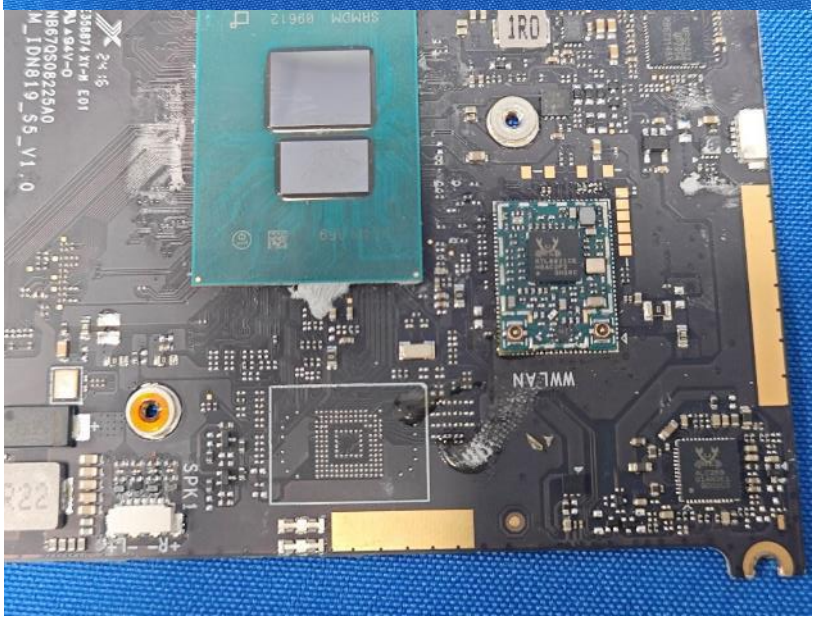








WWLAN
LCD_CONN
TP-CONN
KB-LED
BATTERY_CONN
KB
SPK2
FP-CONN


1R0
WWLAN
SPK1

********THE END REPORT********