



11A-Ant1-5785



11A-Ant1-5825



11N20SISO-Ant1-5180



11N20SISO-Ant1-5200



11N20SISO-Ant1-5240



11N20SISO-Ant1-5745



11N20SISO-Ant1-5785



11N20SISO-Ant1-5825



11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



11N40SISO-Ant1-5755



11N40SISO-Ant1-5795





Min emission bandwidth Test Graphs:

11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



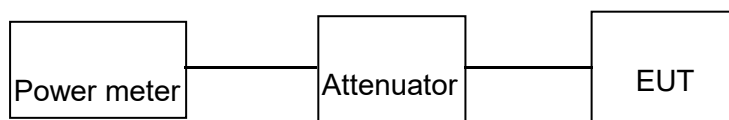


8 Maximum Conducted Output Power

Test Requirement	: FCC CFR47 Part 15 Section 15.247
Test Method	: ANSI C63.10:2013
Test Limit	: For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

8.1 Test Setup



8.2 Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, The use Power Meter 1. Place the EUT on a bench and set it in transmitting mode. 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to a Power meter.



8.3 Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Power [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	17.81	≤23.98	PASS
11A	Ant1	5200	17.83	≤23.98	PASS
11A	Ant1	5240	17.90	≤23.98	PASS
11A	Ant1	5745	15.71	≤30.00	PASS
11A	Ant1	5785	15.71	≤30.00	PASS
11A	Ant1	5825	15.42	≤30.00	PASS
11N20SISO	Ant1	5180	17.31	≤23.98	PASS
11N20SISO	Ant1	5200	17.48	≤23.98	PASS
11N20SISO	Ant1	5240	17.65	≤23.98	PASS
11N20SISO	Ant1	5745	15.53	≤30.00	PASS
11N20SISO	Ant1	5785	15.74	≤30.00	PASS
11N20SISO	Ant1	5825	15.23	≤30.00	PASS
11N40SISO	Ant1	5190	16.00	≤23.98	PASS
11N40SISO	Ant1	5230	16.31	≤23.98	PASS
11N40SISO	Ant1	5755	15.28	≤30.00	PASS
11N40SISO	Ant1	5795	15.59	≤30.00	PASS



9 Power Spectral density

Test Requirement	: FCC CFR47 Part 15 Section 15.2407(a)
Test Method	: ANSI C63.10:2013
Test Limit	: For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.. For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHzband. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations

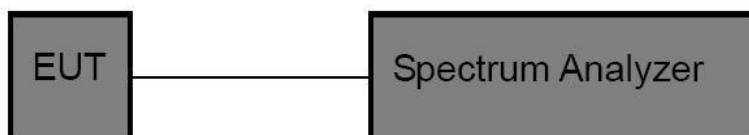


9.1 Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 and ANSI 63.10: 2013 Sec 10.3.7. For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in Section 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, "provided that the measured power is integrated over the full reference bandwidth" to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:

- a) Set the RBW to 1 MHz.
- b) Set the VBW to be at least 1 MHz (a VBW of 3 MHz is desirable).
- c) Set the frequency span to examine the spectrum across a convenient frequency segment (e.g., 600 MHz).
- d) Select the power averaging (rms) detector.
- e) Set the sweep time so that there is no more than a 1 ms integration period over each measurement bin.
- f) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

9.2 Test Setup





9.3 Test Result

Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations / data rates and antenna ports.

Following channel was selected for the final test as listed below

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	7.28	≤11.00	PASS
11A	Ant1	5200	7.25	≤11.00	PASS
11A	Ant1	5240	7.11	≤11.00	PASS
11A	Ant1	5745	2.21	≤30.00	PASS
11A	Ant1	5785	2.05	≤30.00	PASS
11A	Ant1	5825	2.34	≤30.00	PASS
11N20SISO	Ant1	5180	6.69	≤11.00	PASS
11N20SISO	Ant1	5200	6.6	≤11.00	PASS
11N20SISO	Ant1	5240	6.87	≤11.00	PASS
11N20SISO	Ant1	5745	1.88	≤30.00	PASS
11N20SISO	Ant1	5785	2.17	≤30.00	PASS
11N20SISO	Ant1	5825	1.58	≤30.00	PASS
11N40SISO	Ant1	5190	1.73	≤11.00	PASS
11N40SISO	Ant1	5230	2.01	≤11.00	PASS
11N40SISO	Ant1	5755	-1.98	≤30.00	PASS
11N40SISO	Ant1	5795	-1.49	≤30.00	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).



Test Graphs:

11A-Ant1-5180-PASS



11A-Ant1-5200-PASS



11A-Ant1-5240-PASS



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS



11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS





10 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.

10.1 Result

The EUT'S antenna, permanent attached antenna, is PCB Antenna. The antenna's gain is 5.2G:-0.62 dBi; 5.8G:1.69 dBi and meets the requirement.



11 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.

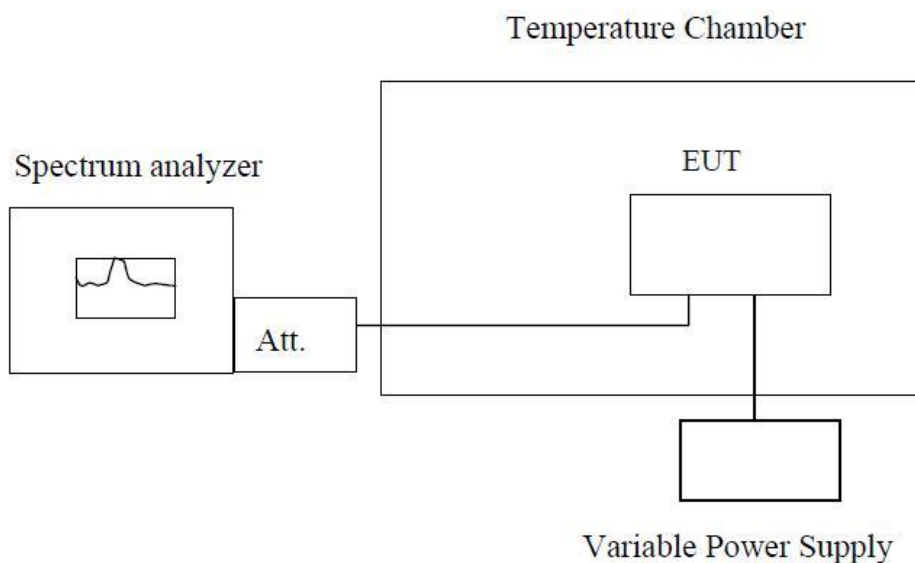
11.1 Test Procedure

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.

Test voltage:

NV	LV	HV
5V	4.5V	5.5V

11.2 Test Setup





11.3 Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-38000.00	-7.335907	20	PASS
11A	Ant1	5180	LV	NT	-38000.00	-7.335907	20	PASS
11A	Ant1	5180	HV	NT	-38000.00	-7.335907	20	PASS
11A	Ant1	5200	NV	NT	-41000.00	-7.884615	20	PASS
11A	Ant1	5200	LV	NT	-38000.00	-7.307692	20	PASS
11A	Ant1	5200	HV	NT	-38000.00	-7.307692	20	PASS
11A	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	LV	NT	-38000.00	-7.251908	20	PASS
11A	Ant1	5240	HV	NT	-37000.00	-7.061069	20	PASS
11A	Ant1	5745	NV	NT	-44000.00	-7.658834	20	PASS
11A	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	HV	NT	-38000.00	-6.614447	20	PASS
11A	Ant1	5785	NV	NT	-39000.00	-6.741573	20	PASS
11A	Ant1	5785	LV	NT	-35000.00	-6.050130	20	PASS
11A	Ant1	5785	HV	NT	-34000.00	-5.877269	20	PASS
11A	Ant1	5825	NV	NT	-42000.00	-7.210300	20	PASS
11A	Ant1	5825	LV	NT	-37000.00	-6.351931	20	PASS
11A	Ant1	5825	HV	NT	-35000.00	-6.008584	20	PASS
11N20SISO	Ant1	5180	NV	NT	-35000.00	-6.756757	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	-37000.00	-7.115385	20	PASS
11N20SISO	Ant1	5200	LV	NT	-36000.00	-6.923077	20	PASS
11N20SISO	Ant1	5200	HV	NT	-36000.00	-6.923077	20	PASS
11N20SISO	Ant1	5240	NV	NT	-38000.00	-7.251908	20	PASS
11N20SISO	Ant1	5240	LV	NT	-37000.00	-7.061069	20	PASS
11N20SISO	Ant1	5240	HV	NT	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5745	NV	NT	-44000.00	-7.658834	20	PASS
11N20SISO	Ant1	5745	LV	NT	-38000.00	-6.614447	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	-32000.00	-5.531547	20	PASS
11N20SISO	Ant1	5785	HV	NT	-31000.00	-5.358686	20	PASS
11N20SISO	Ant1	5825	NV	NT	-36000.00	-6.180258	20	PASS
11N20SISO	Ant1	5825	LV	NT	-42000.00	-7.210300	20	PASS
11N20SISO	Ant1	5825	HV	NT	-45000.00	-7.725322	20	PASS
11N40SISO	Ant1	5190	NV	NT	-43000.00	-8.285164	20	PASS
11N40SISO	Ant1	5190	LV	NT	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5190	HV	NT	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5230	NV	NT	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	LV	NT	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	HV	NT	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5755	NV	NT	-48000.00	-8.340573	20	PASS
11N40SISO	Ant1	5755	LV	NT	-48000.00	-8.340573	20	PASS
11N40SISO	Ant1	5755	HV	NT	-48000.00	-8.340573	20	PASS
11N40SISO	Ant1	5795	NV	NT	-46000.00	-7.937877	20	PASS
11N40SISO	Ant1	5795	LV	NT	-44000.00	-7.592752	20	PASS
11N40SISO	Ant1	5795	HV	NT	-44000.00	-7.592752	20	PASS



TestMode	Antenna	Frequenc y[MHz]	Voltage [Vdc]	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-38000.00	-7.335907	20	PASS
11A	Ant1	5180	NV	-20	-38000.00	-7.335907	20	PASS
11A	Ant1	5180	NV	-10	-38000.00	-7.335907	20	PASS
11A	Ant1	5180	NV	0	-37000.00	-7.142857	20	PASS
11A	Ant1	5180	NV	10	-37000.00	-7.142857	20	PASS
11A	Ant1	5180	NV	20	-37000.00	-7.142857	20	PASS
11A	Ant1	5180	NV	30	-37000.00	-7.142857	20	PASS
11A	Ant1	5180	NV	40	-37000.00	-7.142857	20	PASS
11A	Ant1	5180	NV	50	-37000.00	-7.142857	20	PASS
11A	Ant1	5200	NV	-30	-38000.00	-7.307692	20	PASS
11A	Ant1	5200	NV	-20	-37000.00	-7.115385	20	PASS
11A	Ant1	5200	NV	-10	-37000.00	-7.115385	20	PASS
11A	Ant1	5200	NV	0	-37000.00	-7.115385	20	PASS
11A	Ant1	5200	NV	10	-37000.00	-7.115385	20	PASS
11A	Ant1	5200	NV	20	-37000.00	-7.115385	20	PASS
11A	Ant1	5200	NV	30	-36000.00	-6.923077	20	PASS
11A	Ant1	5200	NV	40	-37000.00	-7.115385	20	PASS
11A	Ant1	5200	NV	50	-36000.00	-6.923077	20	PASS
11A	Ant1	5240	NV	-30	-37000.00	-7.061069	20	PASS
11A	Ant1	5240	NV	-20	-37000.00	-7.061069	20	PASS
11A	Ant1	5240	NV	-10	-37000.00	-7.061069	20	PASS
11A	Ant1	5240	NV	0	-37000.00	-7.061069	20	PASS
11A	Ant1	5240	NV	10	-37000.00	-7.061069	20	PASS
11A	Ant1	5240	NV	20	-37000.00	-7.061069	20	PASS
11A	Ant1	5240	NV	30	-37000.00	-7.061069	20	PASS
11A	Ant1	5240	NV	40	-37000.00	-7.061069	20	PASS
11A	Ant1	5240	NV	50	-37000.00	-7.061069	20	PASS
11A	Ant1	5745	NV	-30	-36000.00	-6.266319	20	PASS
11A	Ant1	5745	NV	-20	-35000.00	-6.092254	20	PASS
11A	Ant1	5745	NV	-10	-34000.00	-5.918190	20	PASS
11A	Ant1	5745	NV	0	-33000.00	-5.744125	20	PASS
11A	Ant1	5745	NV	10	-33000.00	-5.744125	20	PASS
11A	Ant1	5745	NV	20	-32000.00	-5.570061	20	PASS
11A	Ant1	5745	NV	30	-32000.00	-5.570061	20	PASS
11A	Ant1	5745	NV	40	-32000.00	-5.570061	20	PASS
11A	Ant1	5745	NV	50	-31000.00	-5.395997	20	PASS
11A	Ant1	5785	NV	-30	-33000.00	-5.704408	20	PASS
11A	Ant1	5785	NV	-20	-32000.00	-5.531547	20	PASS
11A	Ant1	5785	NV	-10	-31000.00	-5.358686	20	PASS
11A	Ant1	5785	NV	0	-31000.00	-5.358686	20	PASS
11A	Ant1	5785	NV	10	-31000.00	-5.358686	20	PASS
11A	Ant1	5785	NV	20	-31000.00	-5.358686	20	PASS
11A	Ant1	5785	NV	30	-31000.00	-5.358686	20	PASS
11A	Ant1	5785	NV	40	-30000.00	-5.185825	20	PASS
11A	Ant1	5785	NV	50	-30000.00	-5.185825	20	PASS
11A	Ant1	5825	NV	-30	-34000.00	-5.836910	20	PASS
11A	Ant1	5825	NV	-20	-33000.00	-5.665236	20	PASS
11A	Ant1	5825	NV	-10	-33000.00	-5.665236	20	PASS
11A	Ant1	5825	NV	0	-33000.00	-5.665236	20	PASS
11A	Ant1	5825	NV	10	-32000.00	-5.493562	20	PASS
11A	Ant1	5825	NV	20	-32000.00	-5.493562	20	PASS
11A	Ant1	5825	NV	30	-32000.00	-5.493562	20	PASS
11A	Ant1	5825	NV	40	-32000.00	-5.493562	20	PASS



11A	Ant1	5825	NV	50	-31000.00	-5.321888	20	PASS
11N20SISO	Ant1	5180	NV	-30	-34000.00	-6.563707	20	PASS
11N20SISO	Ant1	5180	NV	-20	-34000.00	-6.563707	20	PASS
11N20SISO	Ant1	5180	NV	-10	-34000.00	-6.563707	20	PASS
11N20SISO	Ant1	5180	NV	0	-35000.00	-6.756757	20	PASS
11N20SISO	Ant1	5180	NV	10	-35000.00	-6.756757	20	PASS
11N20SISO	Ant1	5180	NV	20	-35000.00	-6.756757	20	PASS
11N20SISO	Ant1	5180	NV	30	-35000.00	-6.756757	20	PASS
11N20SISO	Ant1	5180	NV	40	-35000.00	-6.756757	20	PASS
11N20SISO	Ant1	5180	NV	50	-35000.00	-6.756757	20	PASS
11N20SISO	Ant1	5200	NV	-30	-36000.00	-6.923077	20	PASS
11N20SISO	Ant1	5200	NV	-20	-35000.00	-6.730769	20	PASS
11N20SISO	Ant1	5200	NV	-10	-36000.00	-6.923077	20	PASS
11N20SISO	Ant1	5200	NV	0	-35000.00	-6.730769	20	PASS
11N20SISO	Ant1	5200	NV	10	-35000.00	-6.730769	20	PASS
11N20SISO	Ant1	5200	NV	20	-35000.00	-6.730769	20	PASS
11N20SISO	Ant1	5200	NV	30	-35000.00	-6.730769	20	PASS
11N20SISO	Ant1	5200	NV	40	-36000.00	-6.923077	20	PASS
11N20SISO	Ant1	5200	NV	50	-35000.00	-6.730769	20	PASS
11N20SISO	Ant1	5240	NV	-30	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5240	NV	-20	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5240	NV	-10	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5240	NV	0	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5240	NV	10	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5240	NV	20	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5240	NV	30	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5240	NV	40	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5240	NV	50	-36000.00	-6.870229	20	PASS
11N20SISO	Ant1	5745	NV	-30	-35000.00	-6.092254	20	PASS
11N20SISO	Ant1	5745	NV	-20	-33000.00	-5.744125	20	PASS
11N20SISO	Ant1	5745	NV	-10	-33000.00	-5.744125	20	PASS
11N20SISO	Ant1	5745	NV	0	-32000.00	-5.570061	20	PASS
11N20SISO	Ant1	5745	NV	10	-32000.00	-5.570061	20	PASS
11N20SISO	Ant1	5745	NV	20	-31000.00	-5.395997	20	PASS
11N20SISO	Ant1	5745	NV	30	-31000.00	-5.395997	20	PASS
11N20SISO	Ant1	5745	NV	40	-31000.00	-5.395997	20	PASS
11N20SISO	Ant1	5745	NV	50	-30000.00	-5.221932	20	PASS
11N20SISO	Ant1	5785	NV	-30	-31000.00	-5.358686	20	PASS
11N20SISO	Ant1	5785	NV	-20	-30000.00	-5.185825	20	PASS
11N20SISO	Ant1	5785	NV	-10	-30000.00	-5.185825	20	PASS
11N20SISO	Ant1	5785	NV	0	-30000.00	-5.185825	20	PASS
11N20SISO	Ant1	5785	NV	10	-29000.00	-5.012965	20	PASS
11N20SISO	Ant1	5785	NV	20	-29000.00	-5.012965	20	PASS
11N20SISO	Ant1	5785	NV	30	-29000.00	-5.012965	20	PASS
11N20SISO	Ant1	5785	NV	40	-29000.00	-5.012965	20	PASS
11N20SISO	Ant1	5785	NV	50	-29000.00	-5.012965	20	PASS
11N20SISO	Ant1	5825	NV	-30	-47000.00	-8.068670	20	PASS
11N20SISO	Ant1	5825	NV	-20	-48000.00	-8.240343	20	PASS
11N20SISO	Ant1	5825	NV	-10	-49000.00	-8.412017	20	PASS
11N20SISO	Ant1	5825	NV	0	-50000.00	-8.583691	20	PASS
11N20SISO	Ant1	5825	NV	10	-50000.00	-8.583691	20	PASS
11N20SISO	Ant1	5825	NV	20	-50000.00	-8.583691	20	PASS
11N20SISO	Ant1	5825	NV	30	-50000.00	-8.583691	20	PASS
11N20SISO	Ant1	5825	NV	40	-51000.00	-8.755365	20	PASS
11N20SISO	Ant1	5825	NV	50	-50000.00	-8.583691	20	PASS
11N40SISO	Ant1	5190	NV	-30	-44000.00	-8.477842	20	PASS



11N40SISO	Ant1	5190	NV	-20	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5190	NV	-10	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5190	NV	0	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5190	NV	10	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5190	NV	20	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5190	NV	30	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5190	NV	40	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5190	NV	50	-44000.00	-8.477842	20	PASS
11N40SISO	Ant1	5230	NV	-30	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	NV	-20	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	NV	-10	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	NV	0	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	NV	10	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	NV	20	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	NV	30	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	NV	40	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5230	NV	50	-44000.00	-8.413002	20	PASS
11N40SISO	Ant1	5755	NV	-30	-47000.00	-8.166811	20	PASS
11N40SISO	Ant1	5755	NV	-20	-46000.00	-7.993050	20	PASS
11N40SISO	Ant1	5755	NV	-10	-46000.00	-7.993050	20	PASS
11N40SISO	Ant1	5755	NV	0	-46000.00	-7.993050	20	PASS
11N40SISO	Ant1	5755	NV	10	-45000.00	-7.819288	20	PASS
11N40SISO	Ant1	5755	NV	20	-45000.00	-7.819288	20	PASS
11N40SISO	Ant1	5755	NV	30	-44000.00	-7.645526	20	PASS
11N40SISO	Ant1	5755	NV	40	-44000.00	-7.645526	20	PASS
11N40SISO	Ant1	5755	NV	50	-44000.00	-7.645526	20	PASS
11N40SISO	Ant1	5795	NV	-30	-43000.00	-7.420190	20	PASS
11N40SISO	Ant1	5795	NV	-20	-43000.00	-7.420190	20	PASS
11N40SISO	Ant1	5795	NV	-10	-43000.00	-7.420190	20	PASS
11N40SISO	Ant1	5795	NV	0	-43000.00	-7.420190	20	PASS
11N40SISO	Ant1	5795	NV	10	-42000.00	-7.247627	20	PASS
11N40SISO	Ant1	5795	NV	20	-43000.00	-7.420190	20	PASS
11N40SISO	Ant1	5795	NV	30	-42000.00	-7.247627	20	PASS
11N40SISO	Ant1	5795	NV	40	-42000.00	-7.247627	20	PASS
11N40SISO	Ant1	5795	NV	50	-42000.00	-7.247627	20	PASS

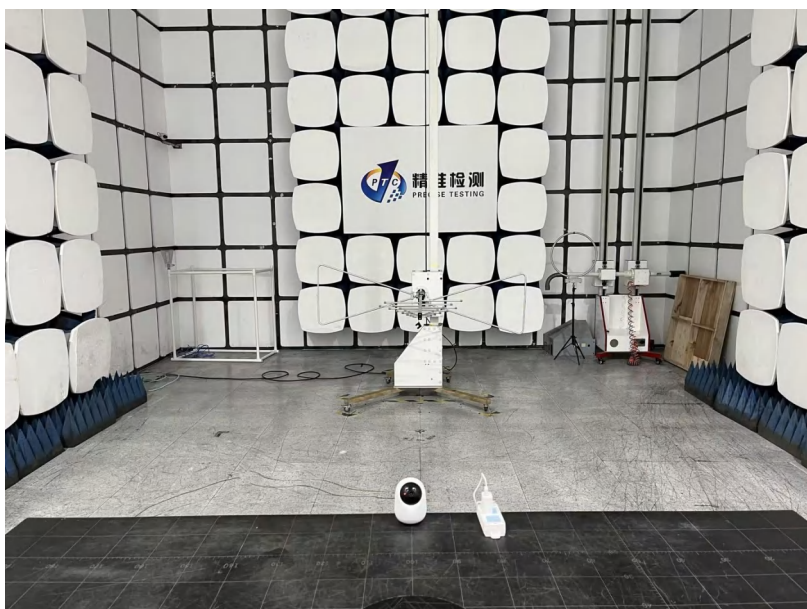
12 Test Setup

Conducted Emissions



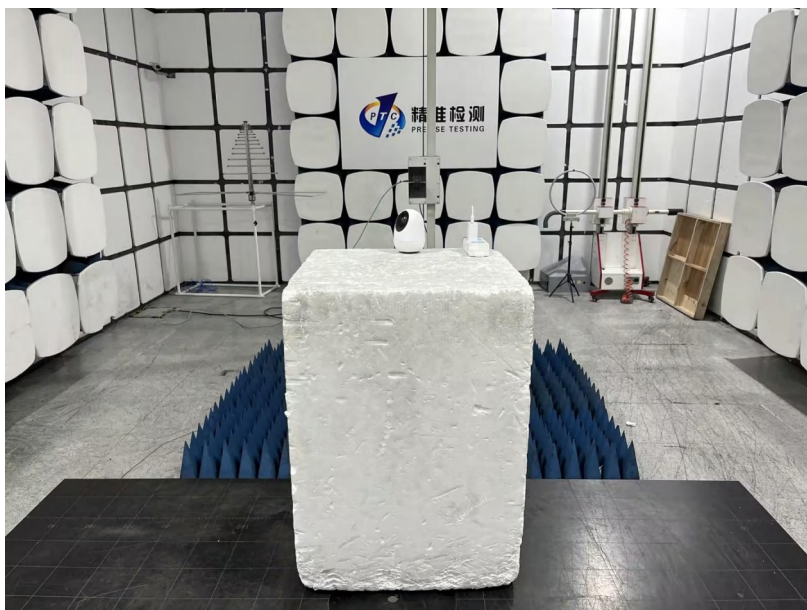
Radiated Spurious Emissions

Test Frequency From Below 30MHz





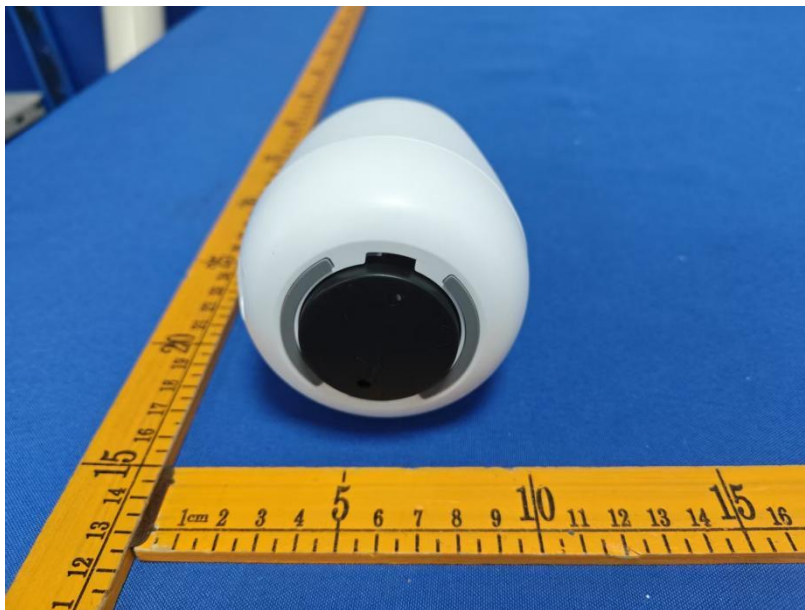
Test frequency from Above 1GHz

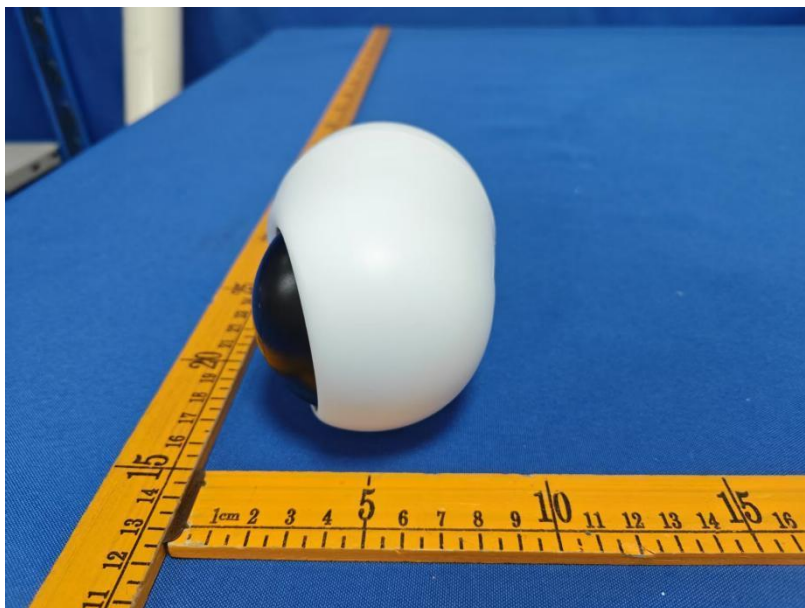


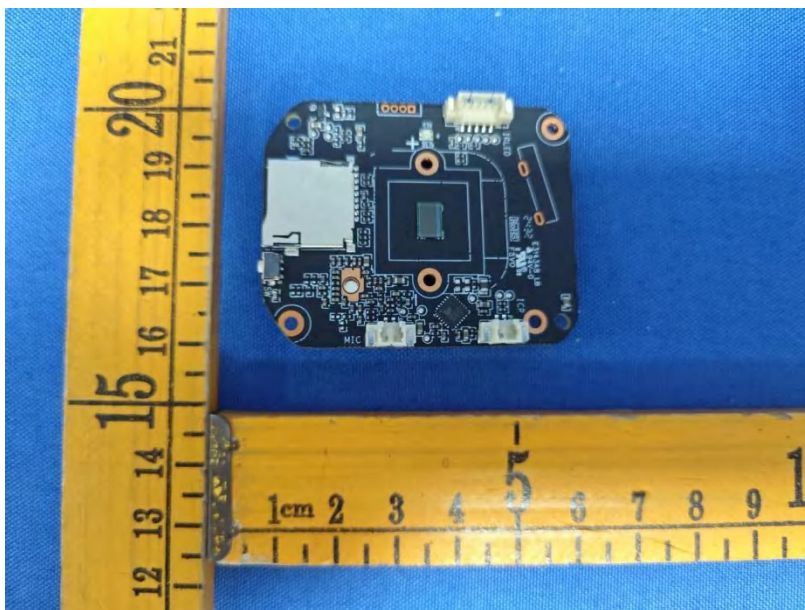
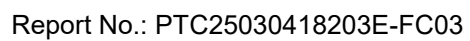
13 EUT PHOTOS

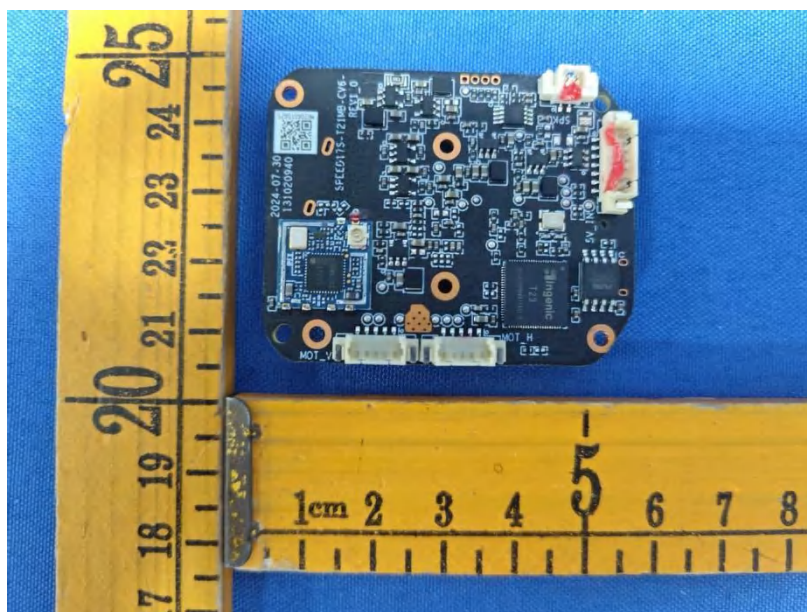
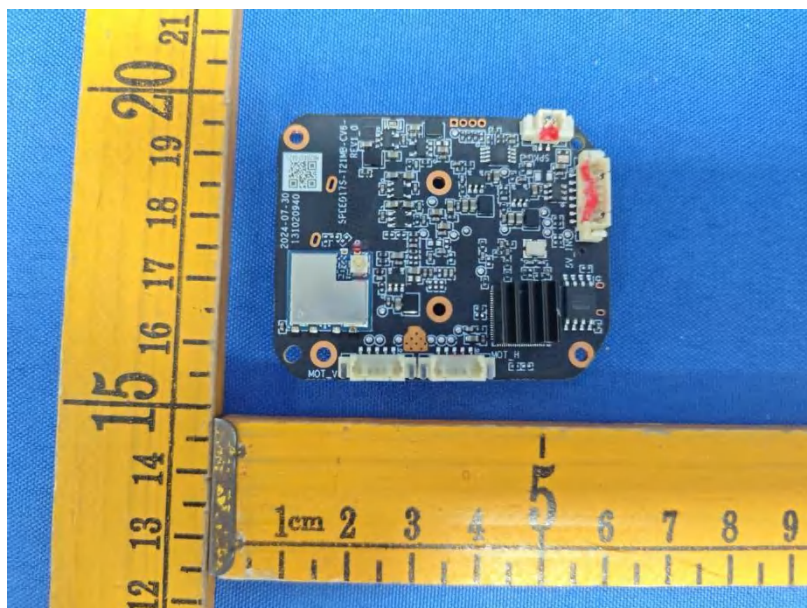


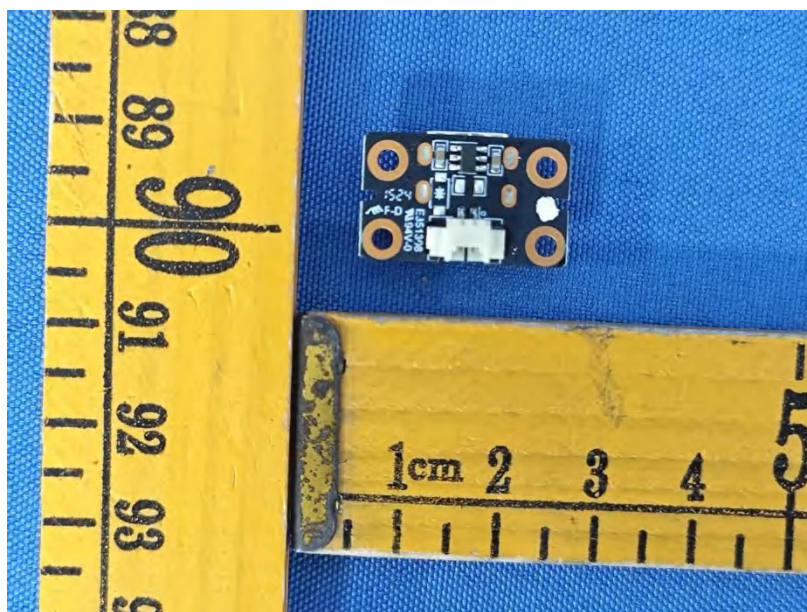
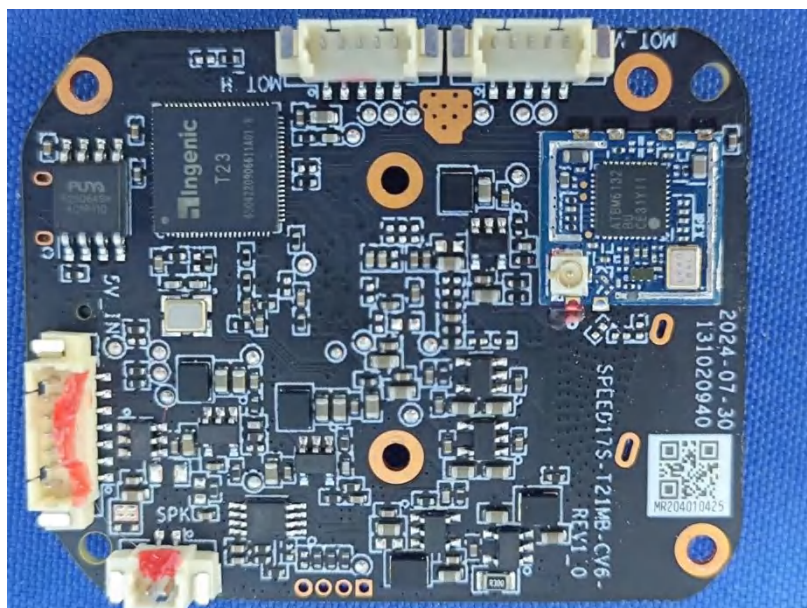


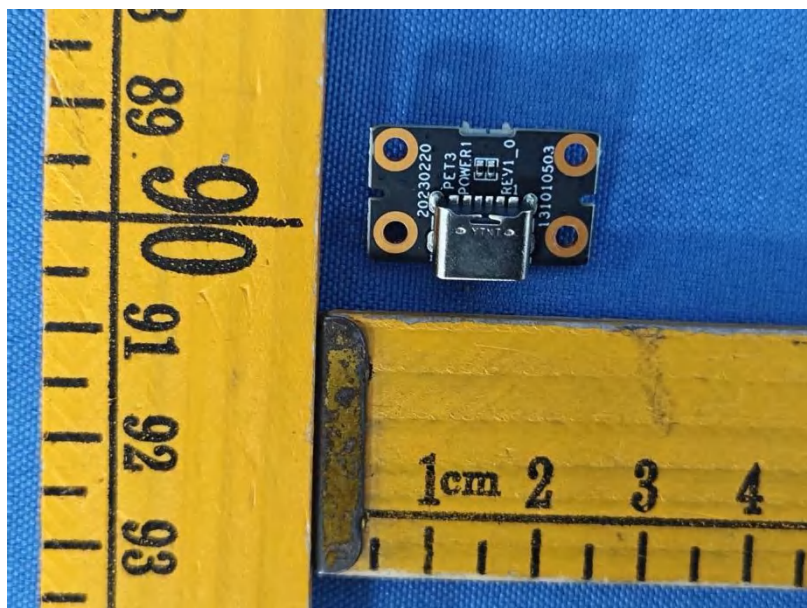














*****THE END REPORT*****