

1. Technical Information

Note: Provide by manufacturer.

1.1. Applicant and Manufacturer Information

Applicant:	IO Idea Intelligent Science and Technology (Wuhan) Co., Ltd.
Applicant Address:	13th Floor, No.2 Building, 1st Phase of Wuhan New Software City, No. 9 Huacheng Avenue, Wuhan, China
Manufacturer:	IO Idea Intelligent Science and Technology (Wuhan) Co., Ltd.
Manufacturer Address:	13th Floor, No.2 Building, 1st Phase of Wuhan New Software City, No. 9 Huacheng Avenue, Wuhan, China

1.2. Equipment Under Test (EUT) Description

Wireless Type	N/A
Frequency	5725MHz-5875MHz
Product HW Version	N/A
Product SW Version	N/A
IMEI	N/A
Sample No.	3#

2. Test Results

2.1. Applied Reference Documents

Leading reference documents for testing:

No.	Identity	Document Title
1	IEEE Std 149-2021	IEEE Recommended Practice for Antenna Measurements

2.2. Test Conditions

Test Environment Conditions:

Relative Humidity:	25 ... 75 %
Temperature:	+10 °C to +30 °C

2.3. Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO. When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% Confidence intervals.

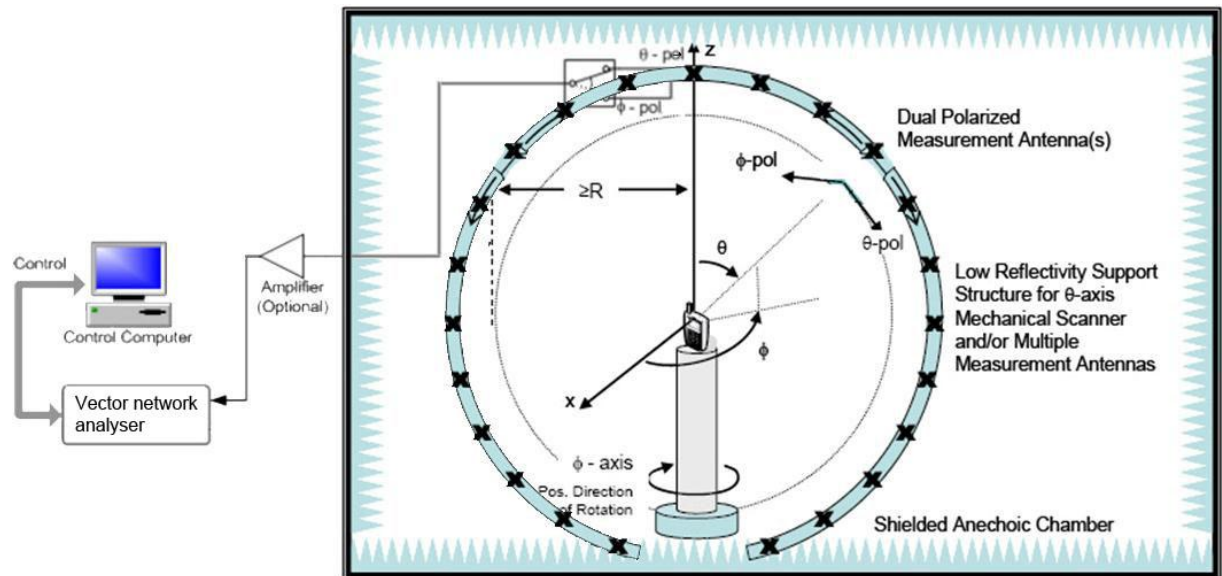
Item	Measurement Uncertainty(dB)
Gain	±0.5
VSWR	±0.2
Measurement Uncertainty(95% Confidence Interval) K=2	

2.4. Test Results lists

2.4.1. Gain

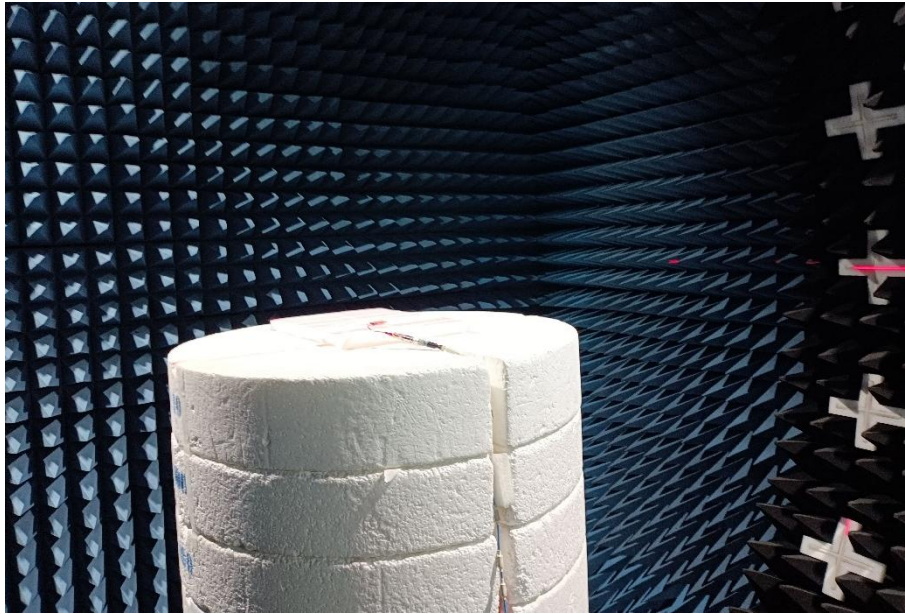
Frequency(MHz)	Gain(dBi)
5735	-0.29
5801	0.04
5864.4	0.35

Annex A Test Setup Photos

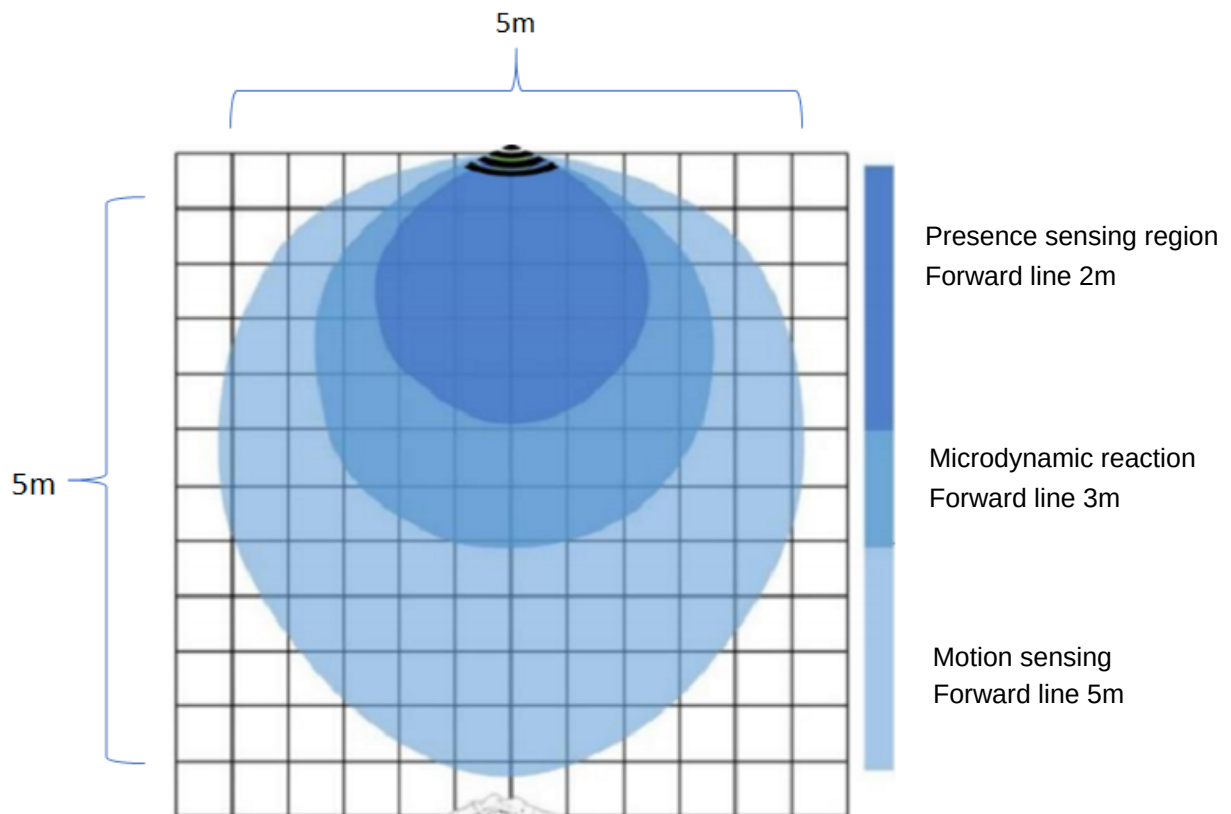


Annex B EUT Photos

1. Test environment



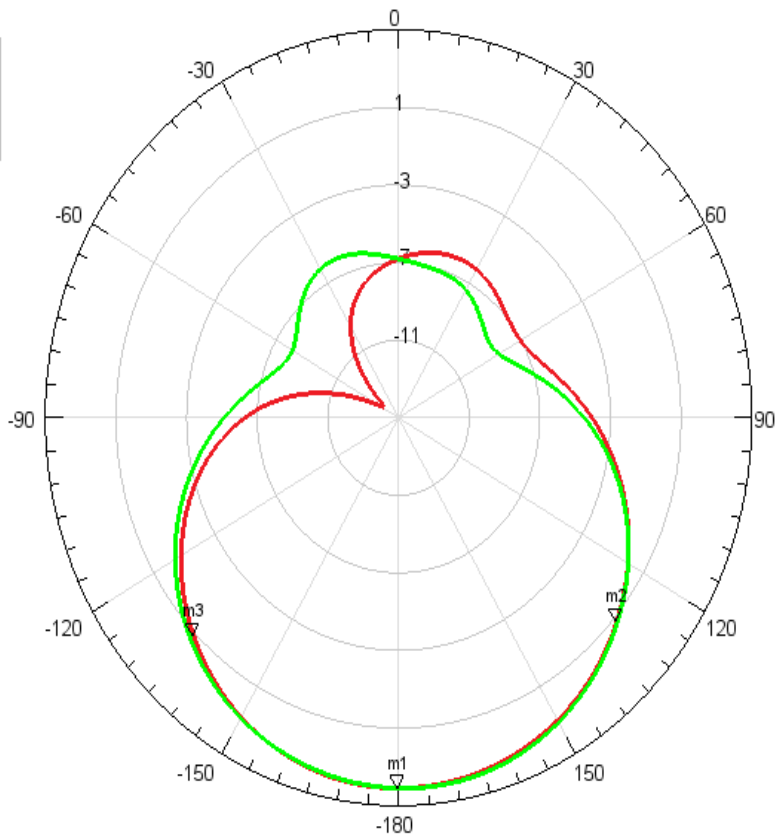
2. Radiation regional



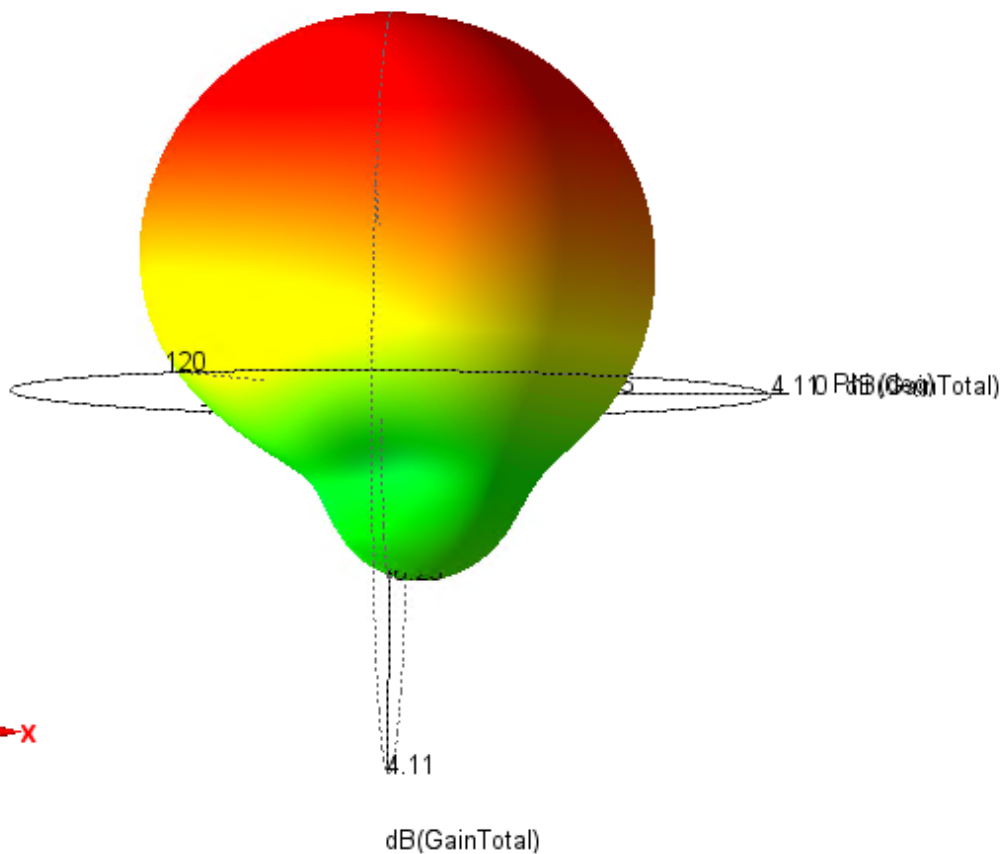
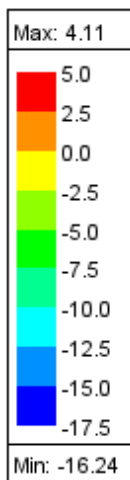
3. Antenna radiation field diagram : 2D

Name	Theta [deg]	Ang	Mag
m1	-180	-180.0000	4.0990
m2	130	130.0000	1.1789
m3	-134	-134.0000	1.1356

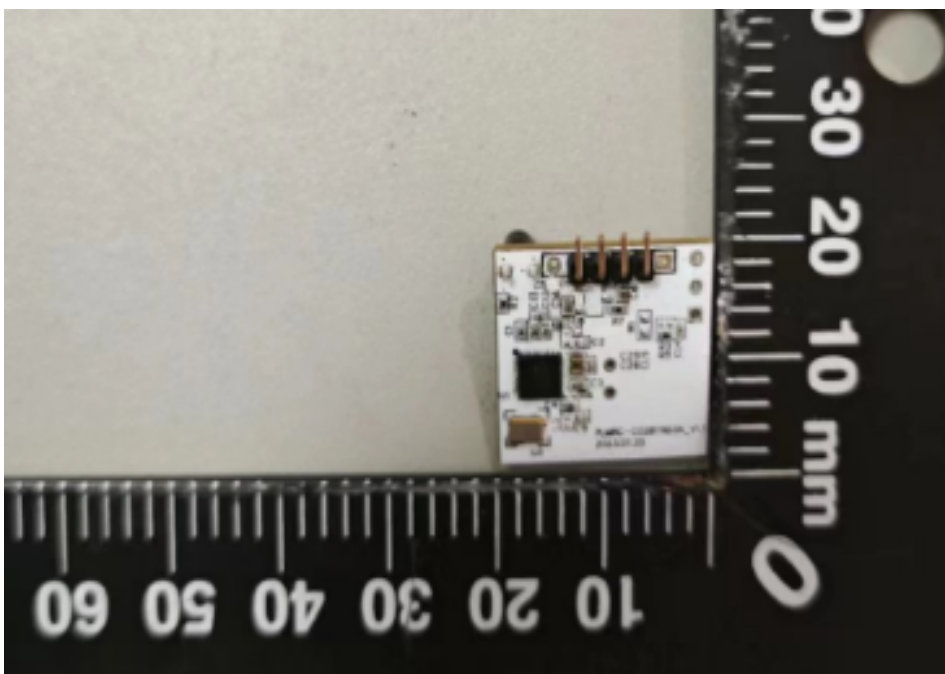
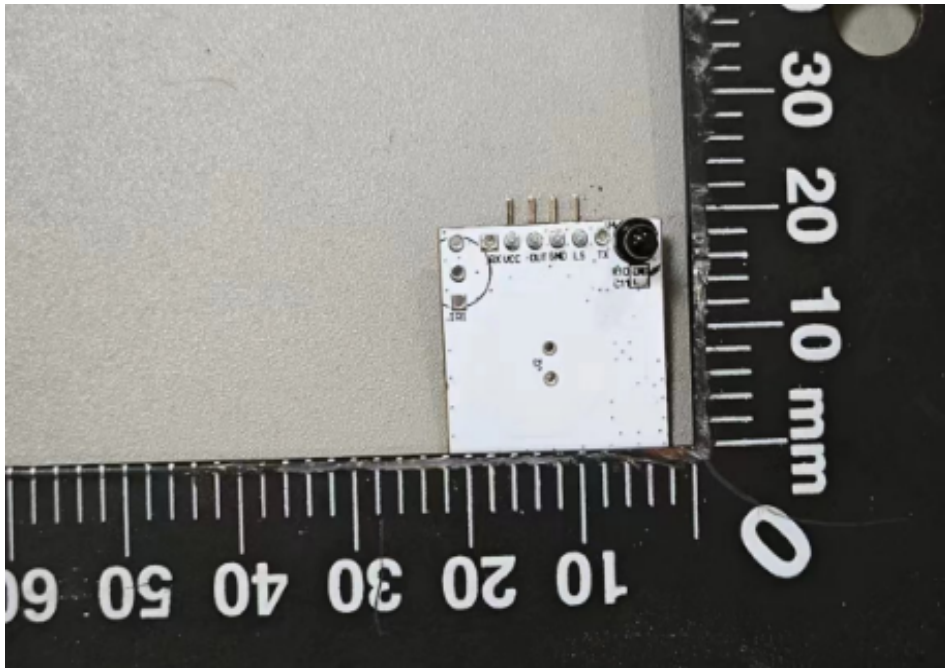
— dB(GainTotal)
 Setup1 : Last Adaptive
 Freq='5.8GHz' Phi='0deg'
 — dB(GainTotal)
 Setup1 : Last Adaptive
 Freq='5.8GHz' Phi='90deg'

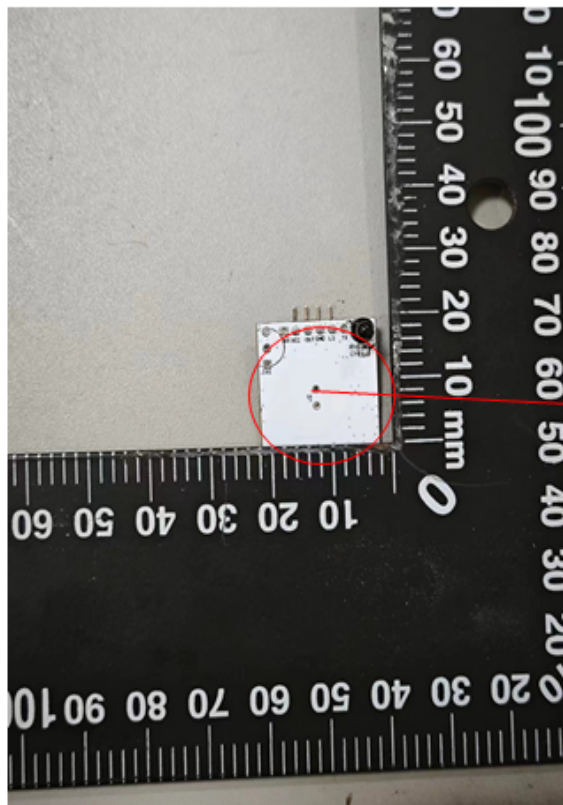


3D



4. EUT





Antenna



Antenna

