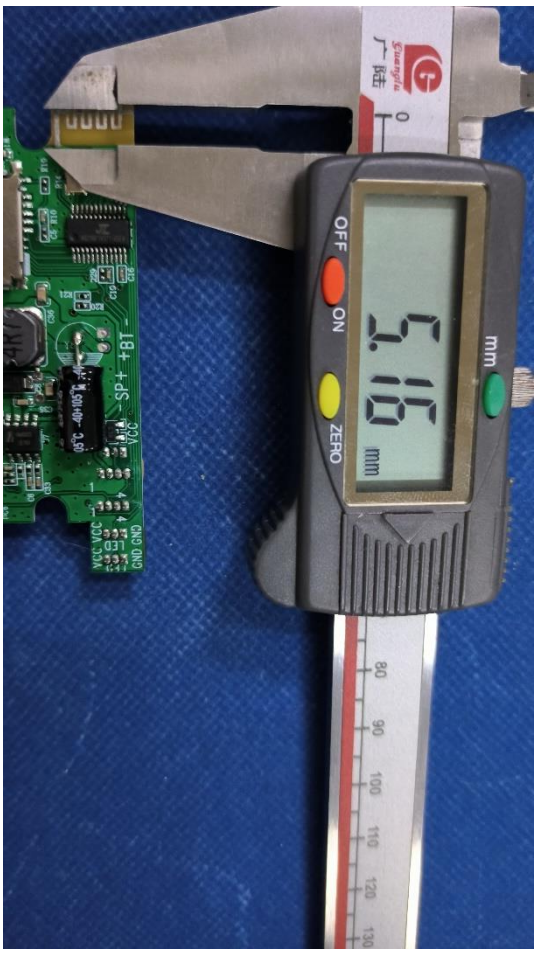
1. Antenna Description:

Antenna type	PCB antenna
Model	CMQ15W
Frequency range	2400-2500MHz
Manufacturer	CONEXION VERTICAL, C.A. CORP
Address	Obarrio, Calle 50 con 53 0este, Torre HI-TECH, Oficina4A, Ciudad de Panama, Panama
ANT Peak Gain	0.00 dBi

2. Antenna Photo:

Length: 9.55mm
Width: 5.16mm



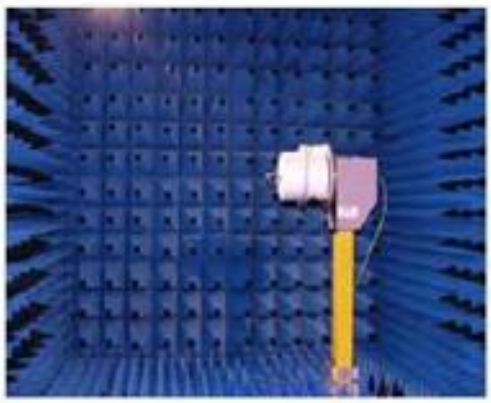
3. Test Equipment & Conditions

3.1 Test instrument

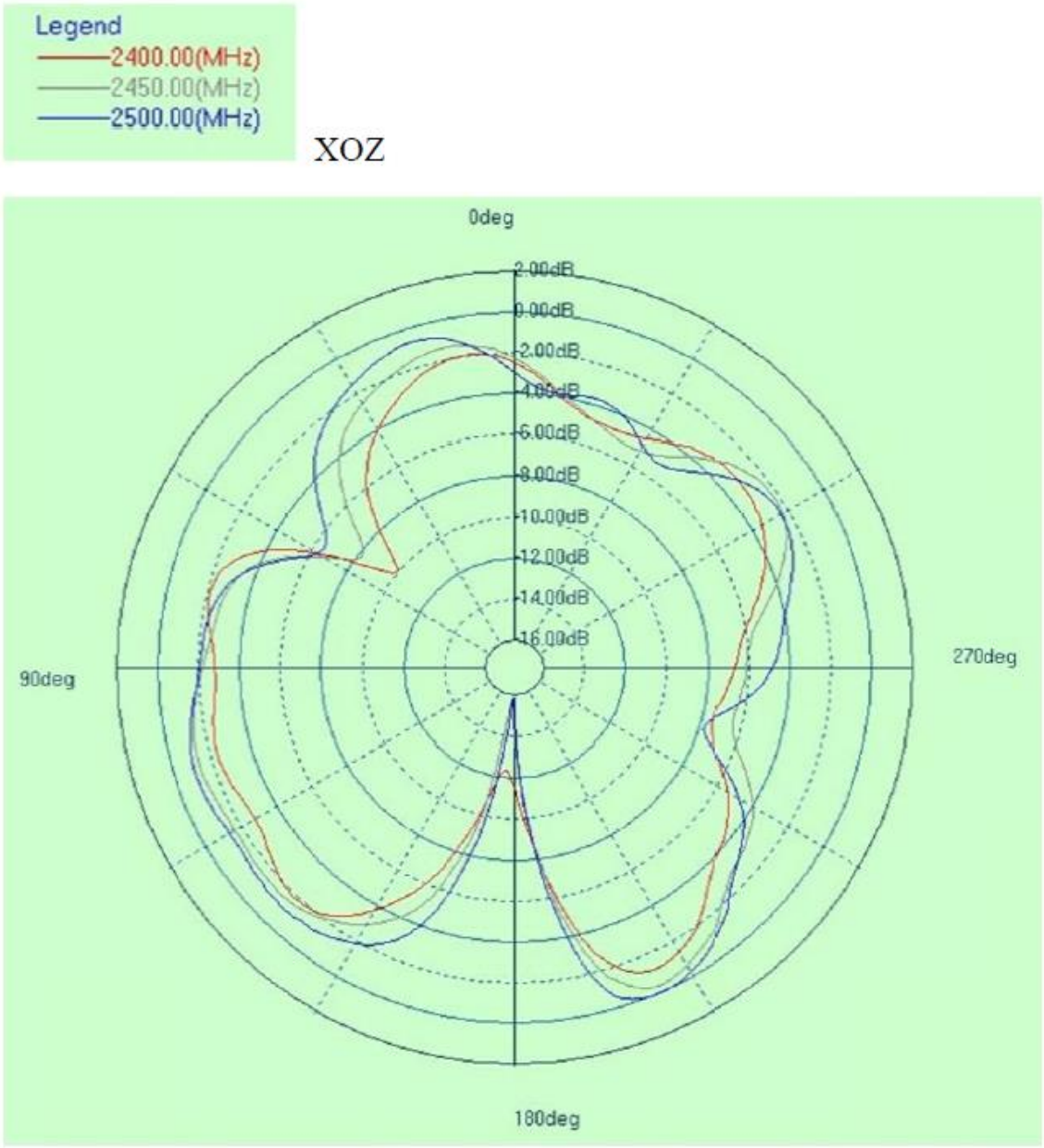
VSWR is tested using Agilent E5071B connected to a hand mechanism, and the status is free space.

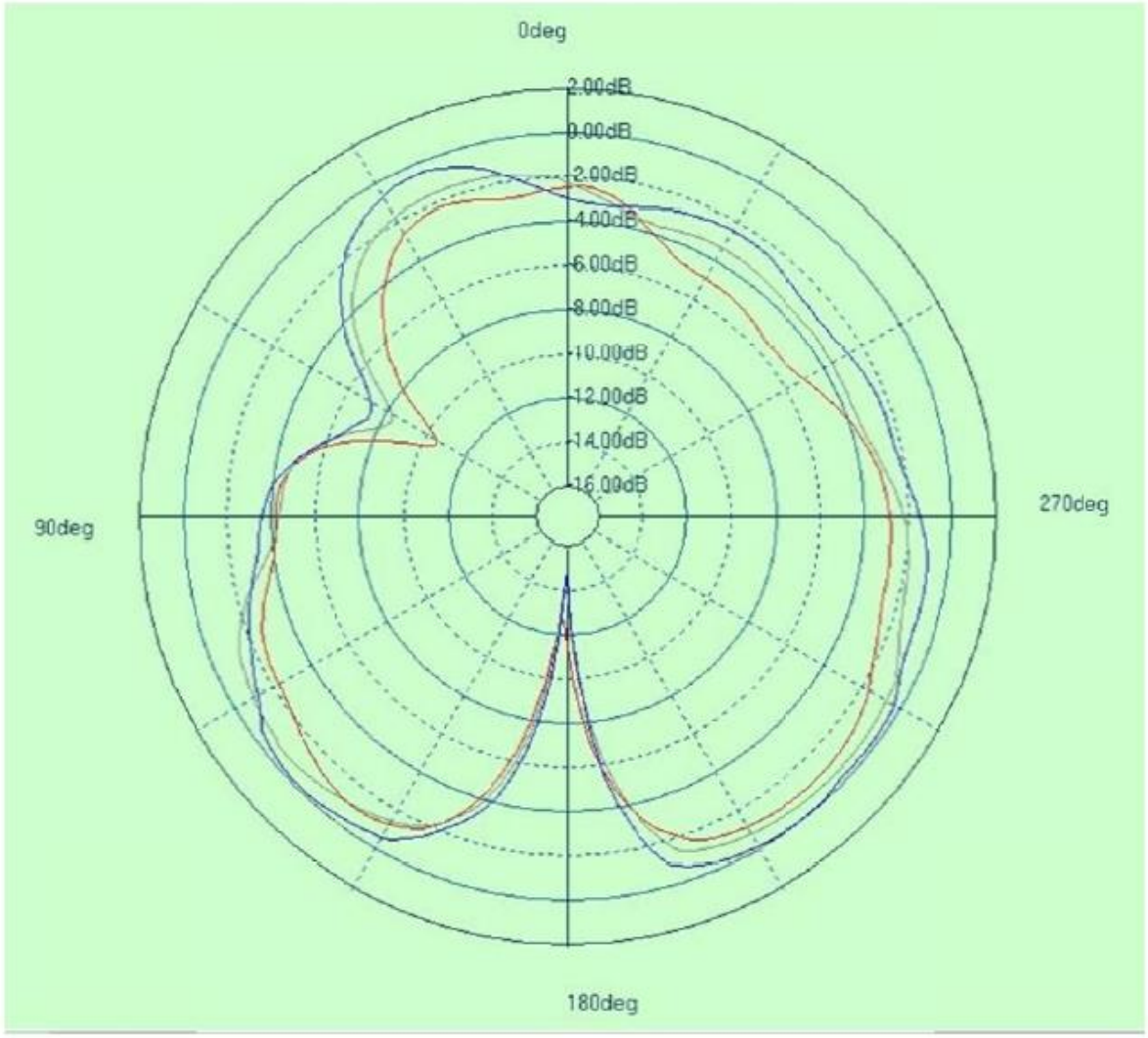
3.2 Test environment and methods

Dark room specifications: ETS-743
TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960
LTE-TDD/FDD-SCDMA test equipment: StarPoint SP8011/CMW500
WCDMA/GSM/CDMA test equipment: Agilent 8960
Passive efficiency testing equipment: Agilent Technologies E5071B

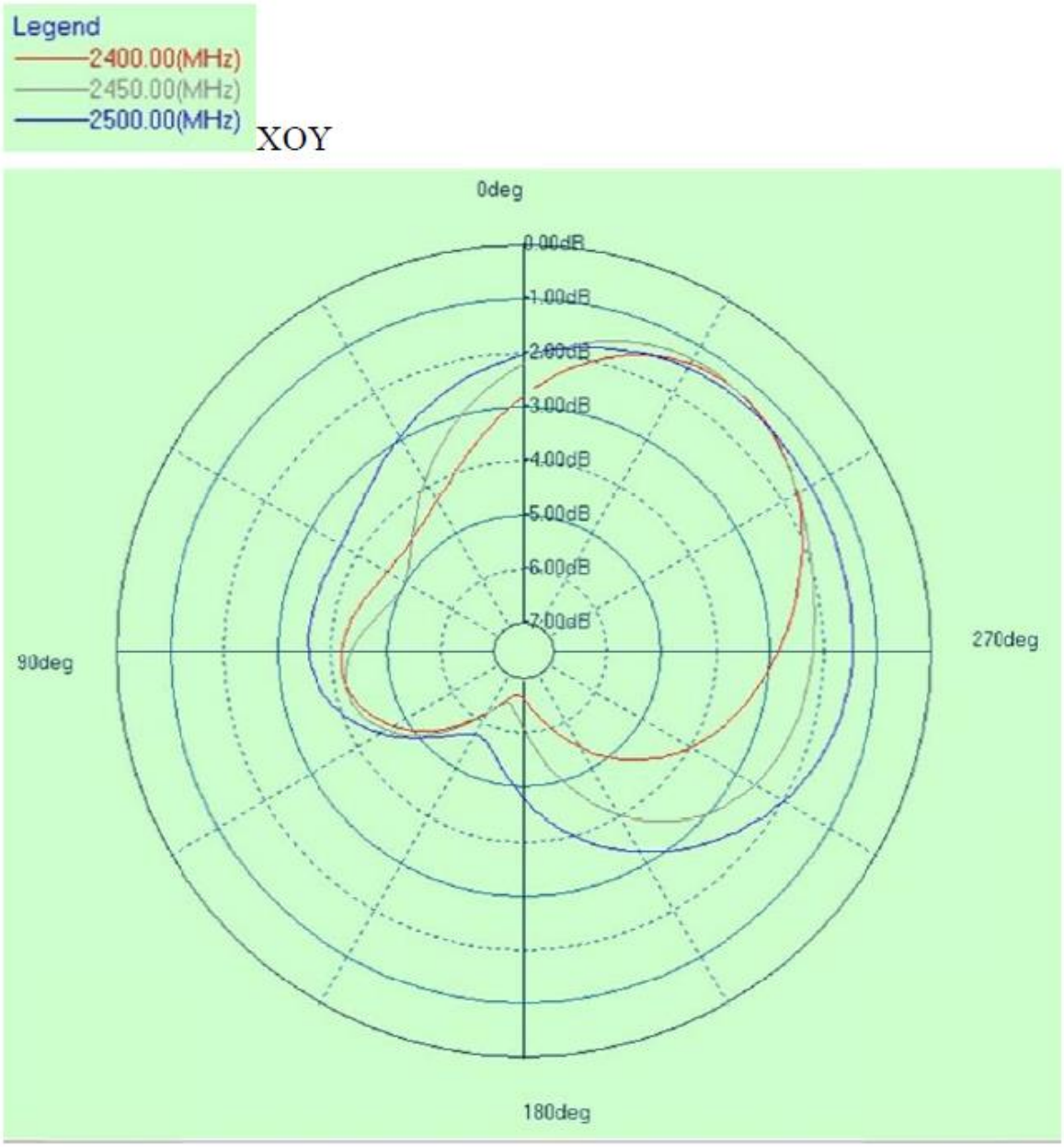


4．Antenna Radiation Pattern




Legend
2400.00(MHz)
2450.00(MHz)
2500.00(MHz)
0deg
2.00dB
0.00dB
2.00dB
4.00dB
6.00dB
8.00dB
10.00dB
12.00dB
14.00dB
16.00dB
90deg
270deg
180deg

YOZ


Legend
2400.00(MHz)
2450.00(MHz)
2500.00(MHz)
0deg
90deg
180deg
270deg
0.00dB
1.00dB
2.00dB
3.00dB
4.00dB
5.00dB
6.00dB
7.00dB

XOY