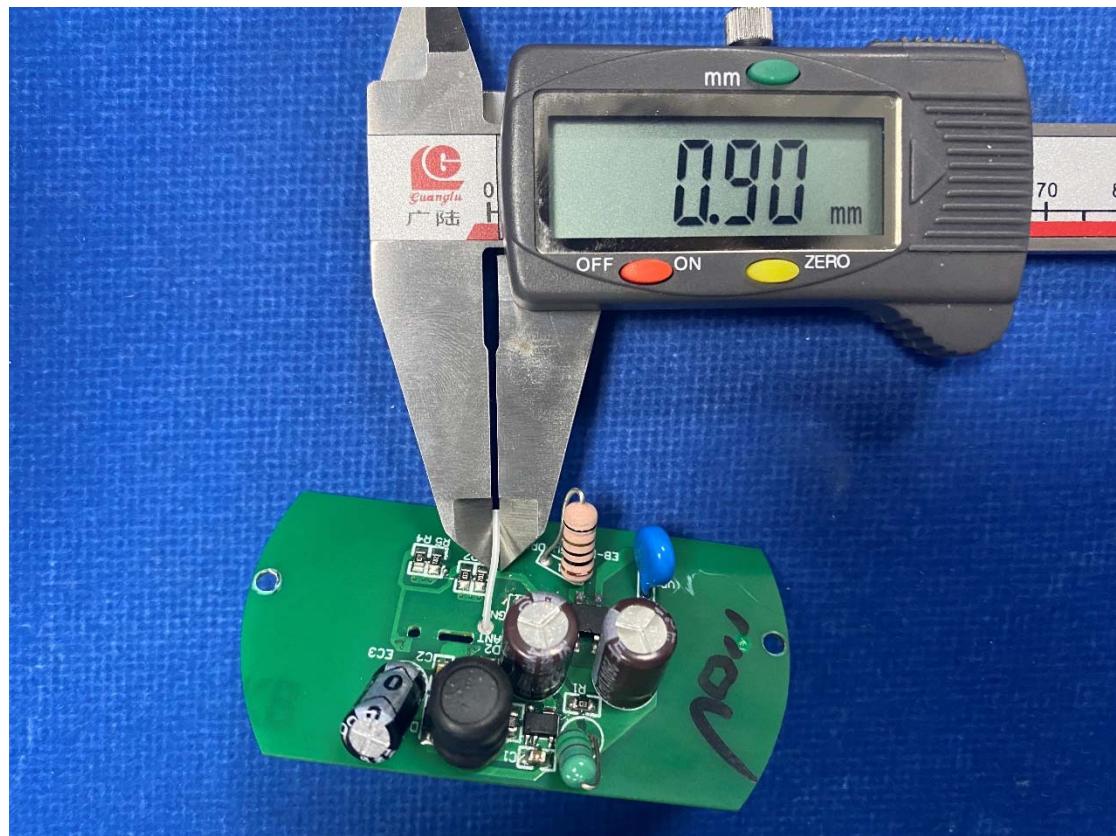


1. Antenna Description:

Antenna type	Internal Antenna
Model	ECO-SDWB15W-001
Frequency range	2402-2480MHz
Manufacturer	ECOBENE TECHNOLOGY LIMITED
ANT Peak Gain	1.99 dBi

2. Antenna Photo:

Length:11.19mm
Width:0.90mm



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

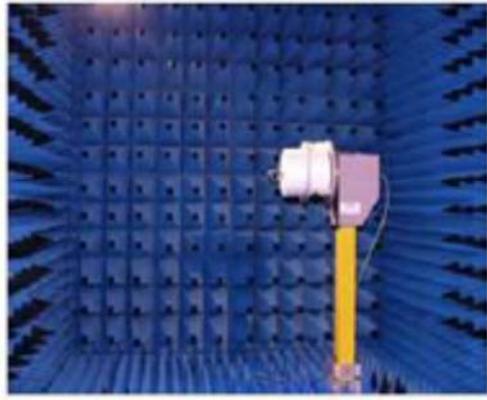
Dark room specifications: ETS-743

TD-SCDMA test equipment: ~~StarPoint~~ SP6010/Agilent 8960

LTE-TDD/FDD-SCDMA test equipment: ~~StarPoint~~ SP8011/CMW500

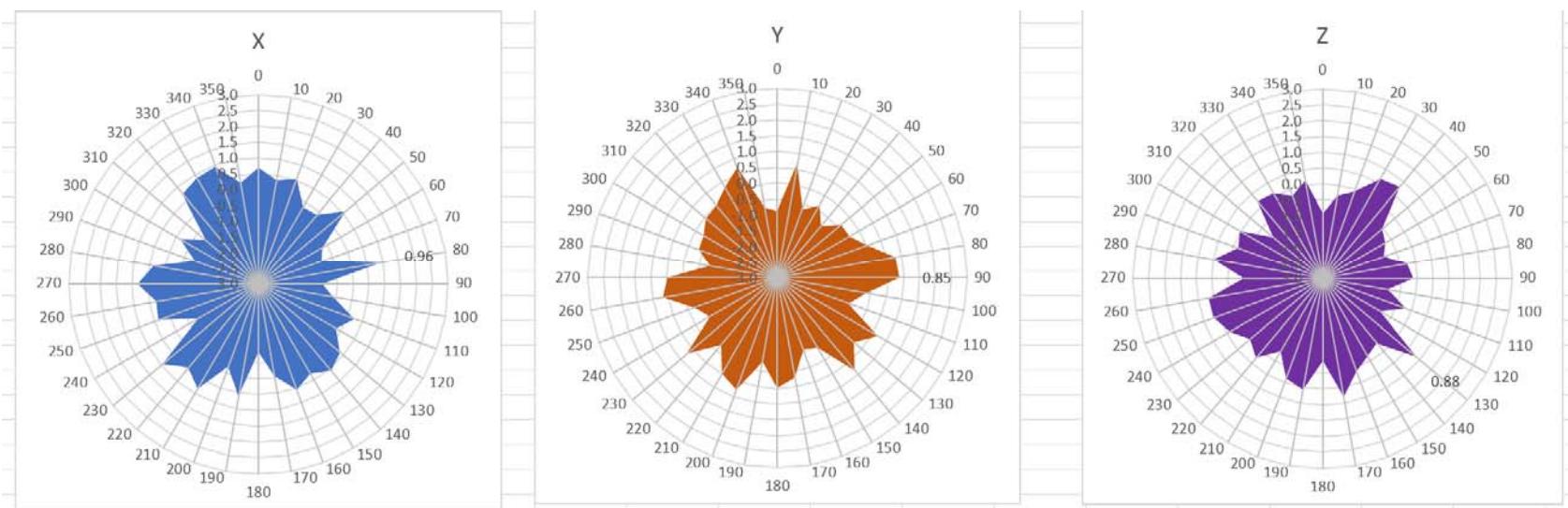
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

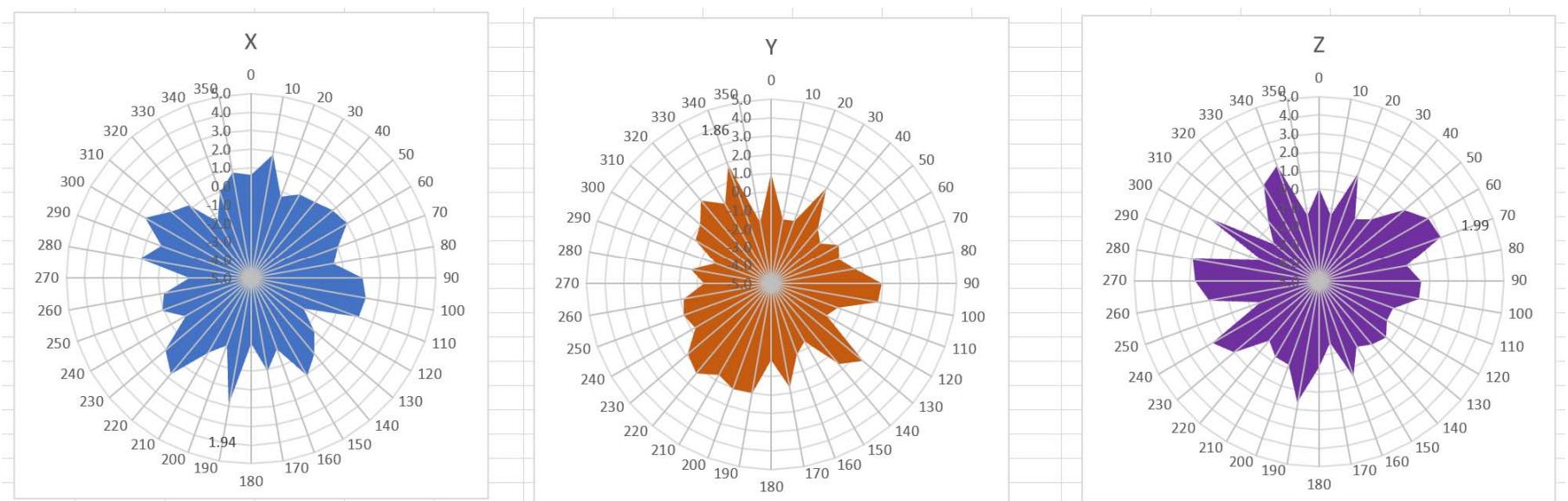


4 . Antenna Radiation Pattern

2402MHz



2440MHz



2480MHz

