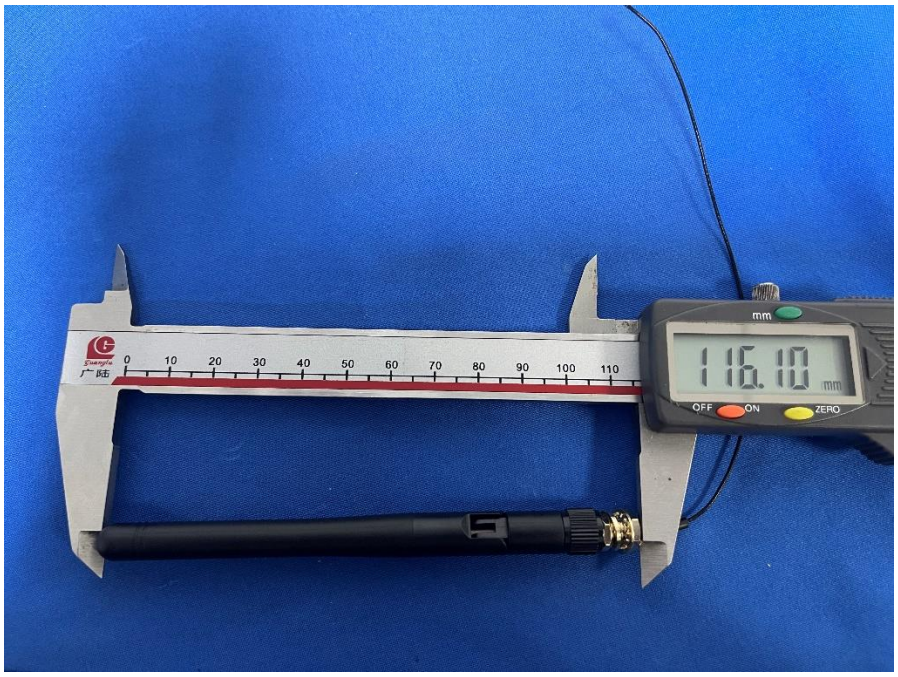
1. Antenna Description:

Antenna type	External antenna
Model	ESP32-P4-C6-WiFi
Frequency range	2400-2500MHz
Manufacturer	4D SYSTEMS PTY LTD
Address	Level 24, Three International Towers 300 Barangaroo Ave, Barangaroo NSW 2000, Australia
ANT Peak Gain	2.0 dBi

2. Antenna Photo:



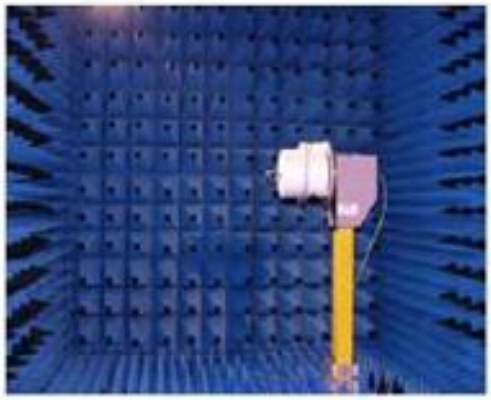
3. Test Equipment & Conditions

3.1 Test instrument

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

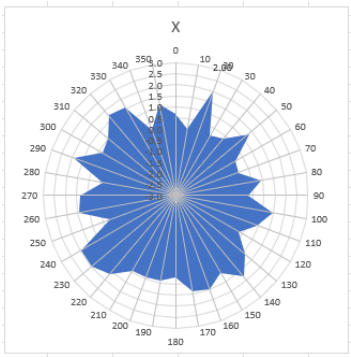
3.2 Test environment and methods

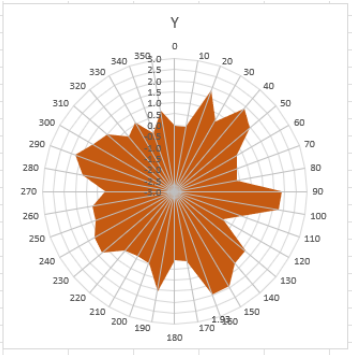
Dark room specifications: ETS-743
TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960
LTE-TDD/FDD-SCDMA test equipment: StarPoint SP8011/CMW500
WCDMA/GSM/CDMA test equipment: Agilent 8960
Passive efficiency testing equipment: Agilent Technologies E5071B

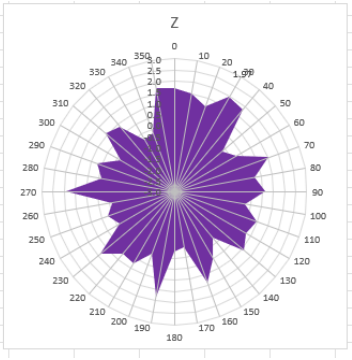


4 . Antenna Radiation Pattern

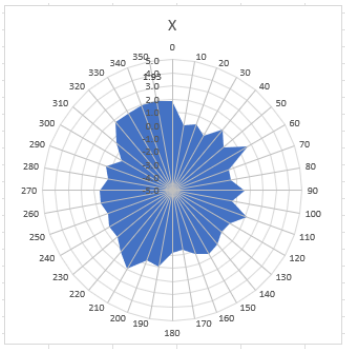
2400MHz

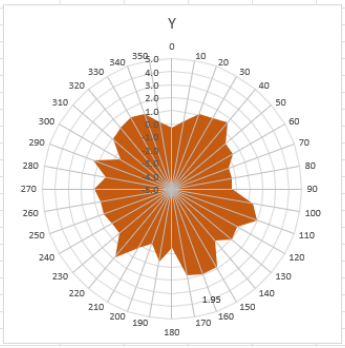


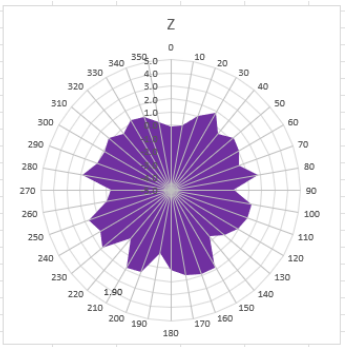
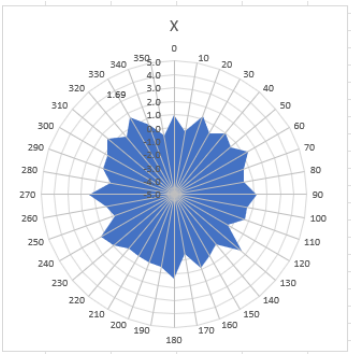
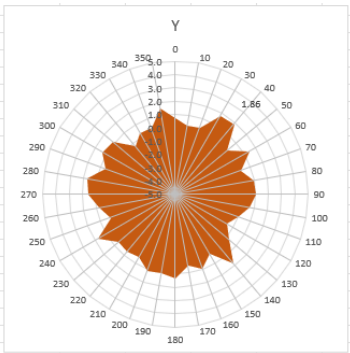
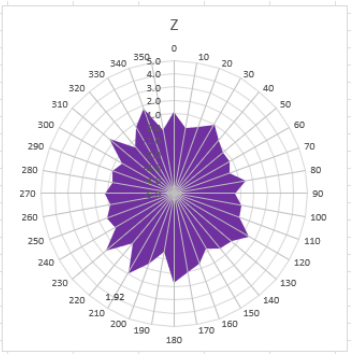




2450MHz







2500MHz