

WE620443-TO Antenna Test Report

Test personnel : Dixon Luo

Test date : 19th Sep, 2023



Revision History



Revision	Date	Note
V1.0	2023.09.19	R0A Report with isolator



Agenda

- **Antenna test equipment calibration Date**
- **Test Setup Description**
- **Lab Setup and coordinate**
- **Antenna Definition**

Antenna test equipment calibration Date



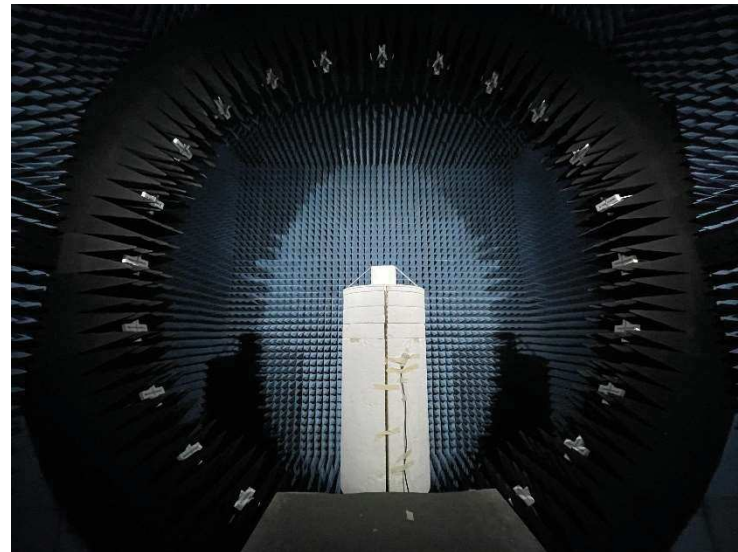
Antenna test equipment calibration Date

- Keysight E5080B ENA Vector Network Analyzer



regular calibration on 15th/Aug./2023

- ETS LINDGREN OTA Chamber (AMS-8923-195-G)



regular calibration on 18th/Aug./2023

Test Setup Description



Test Setup Description

- Place the device at the center of the chamber.
- Connect the antenna cable to RF cable of the chamber
- Run IETS-Lindgren SW test measurement
- Get 3D data in 2.8125 degree step from phi 0° ~ 360° and theta -90° ~ $+90^{\circ}$, including efficiency, peak gain, 2D & 3D radiation pattern.

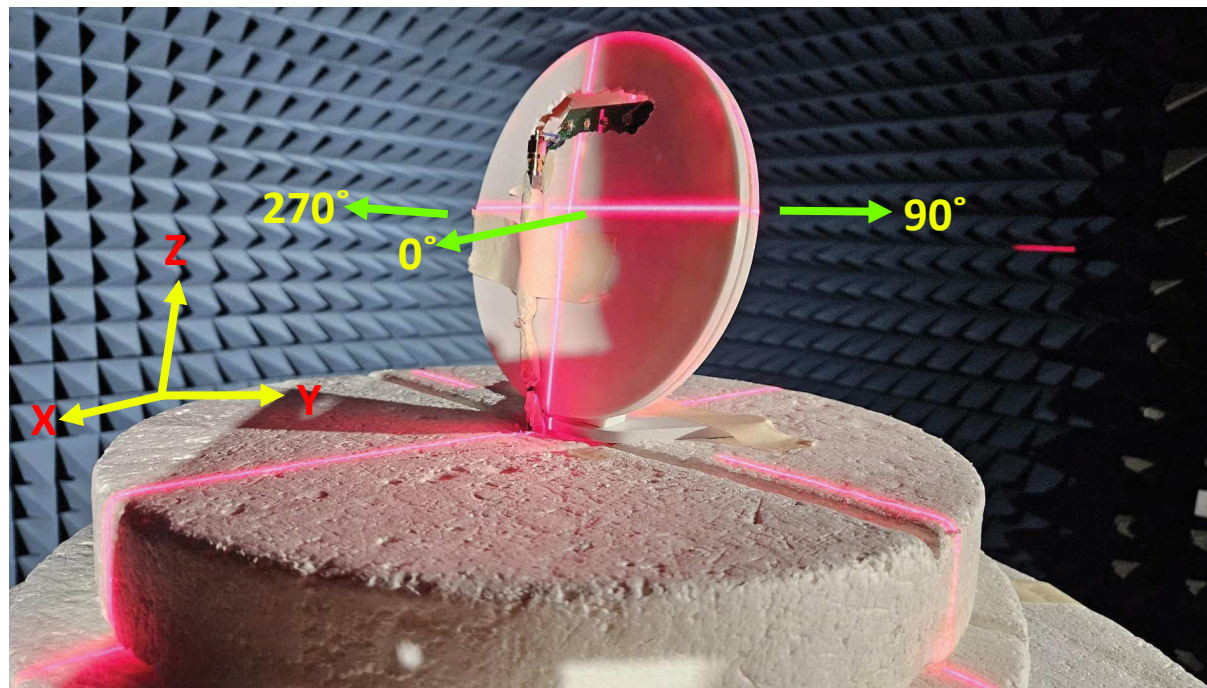


Lab Setup and coordinate

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Lab Setup and Coordinate

- Measurement Setup



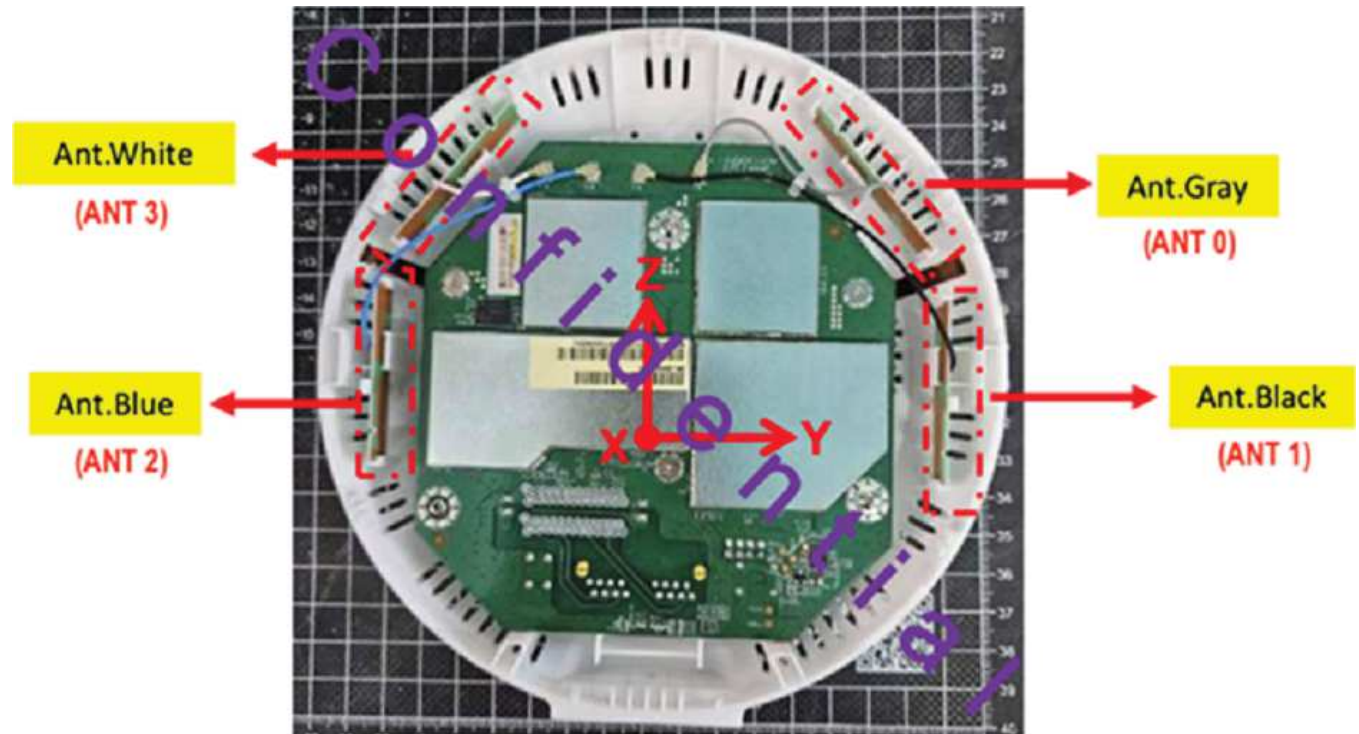
Antenna Definition



Antenna Definition

Antenna Definition

	2.4GHz	5GHz
Ant.Black	V	V
Ant.Gray	V	V
Ant.White	V	V
Ant.Blue	V	V





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