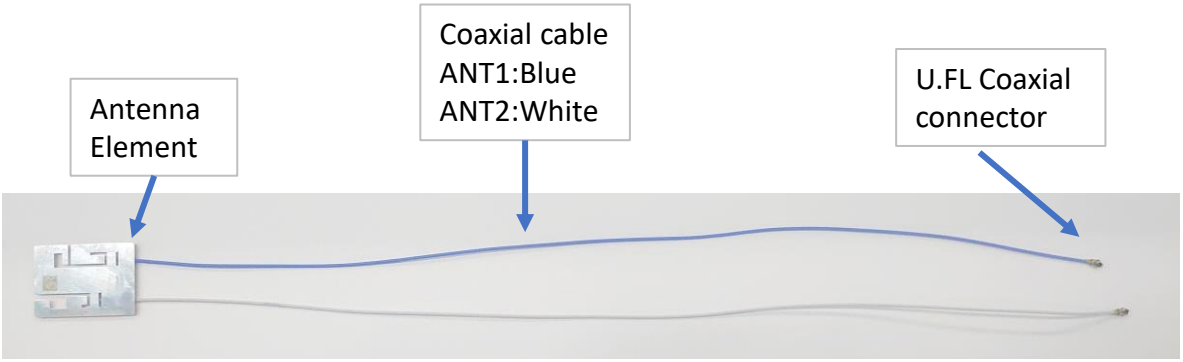
Specification of Antenna

1. Information

- Antenna Type: PIFA
- Antenna name: ANT1, ANT2
- Antenna number: ANTS2M2-CSG05
- Antenna Gain: ANT1 2400-2500 MHz 4.0dBi max
  5150-5850 MHz 6.4dBi max
  ANT2 2400-2500 MHz 4.5dBi max
- Outline:

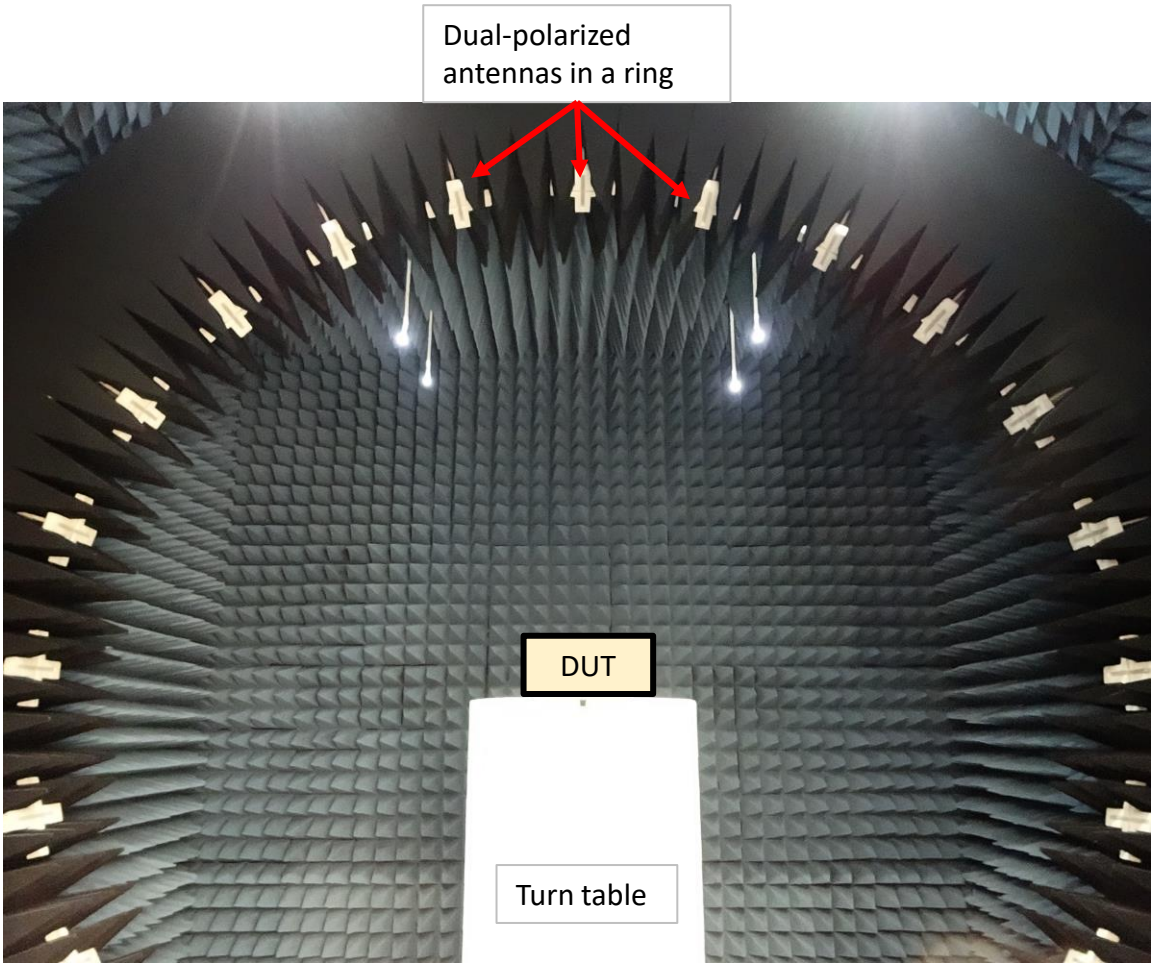


- Measurement Location: Sony Interactive Entertainment Inc. Anechoic Chamber
  1-7-1 Konan Minato-ku Tokyo Japan
- Measurement date : 2023/2
- Test personnel Sony Interactive Entertainment team members
  (Their identities are considered confidential)
- Equipment : ETS-L Antenna Measurement System
  Keysight E5071C(Calibration date: 2022/11)
- Measurement Software: EMQuest Data Acquisition and Analysis Software

2. Test Method

Antenna gain is measured in “ETS-L Antenna Measurement anechoic chamber”. This system consists of Dual-polarized antennas arranged in a ring and RF path switch control box. Network analyzer E5071C is connected to this chamber.

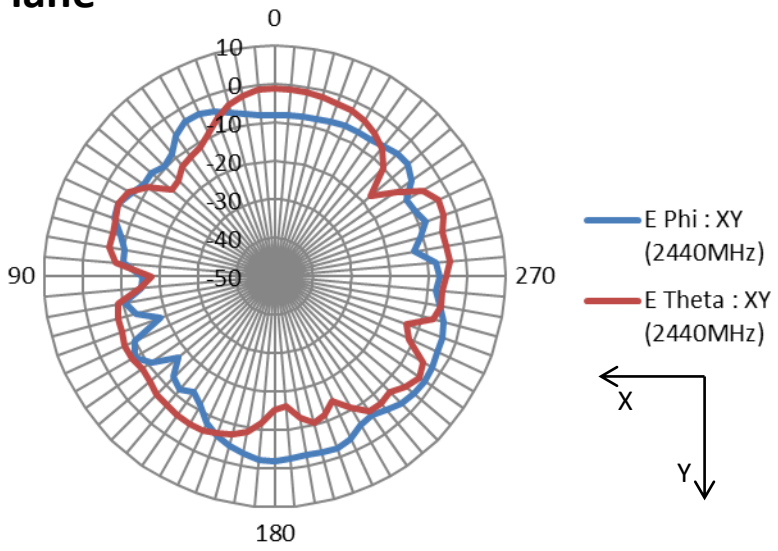
DUT is put on a turn table located in center of the chamber as pictured below. Characteristics of the horizontal and vertical polarization are acquired in all direction by switching antennas and rotation of the turn table.

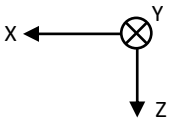


3. Radiation Pattern

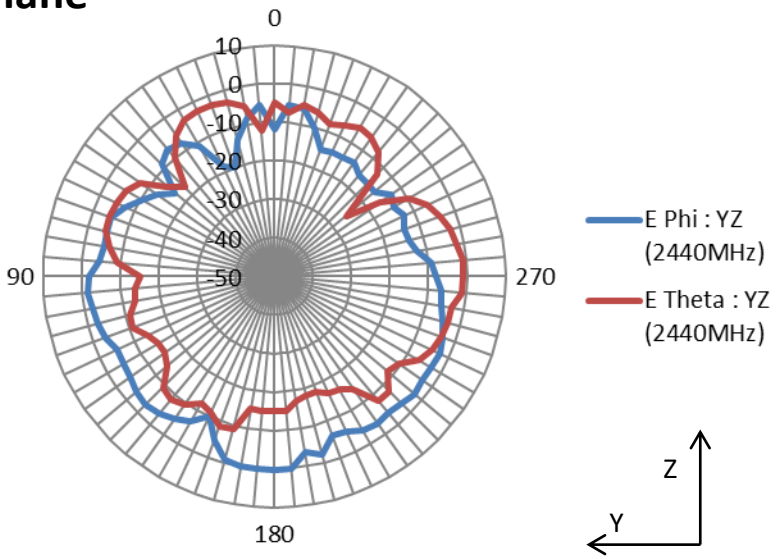
ANT1

XY Plane

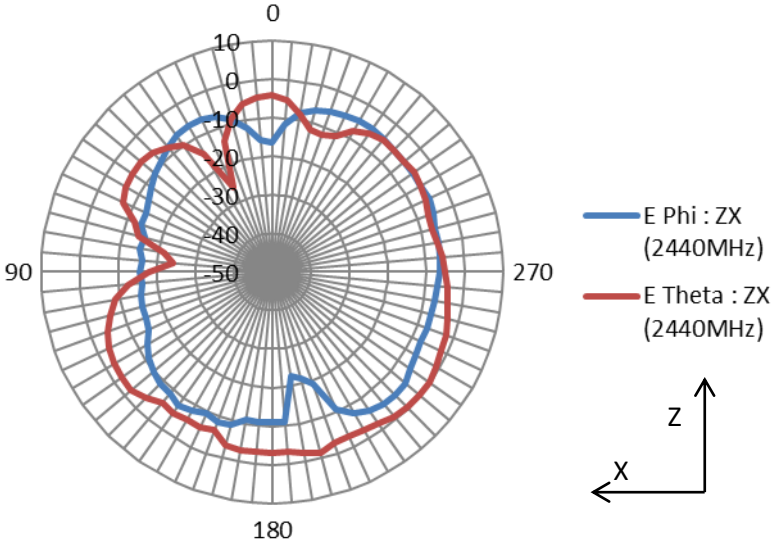




YZ Plane

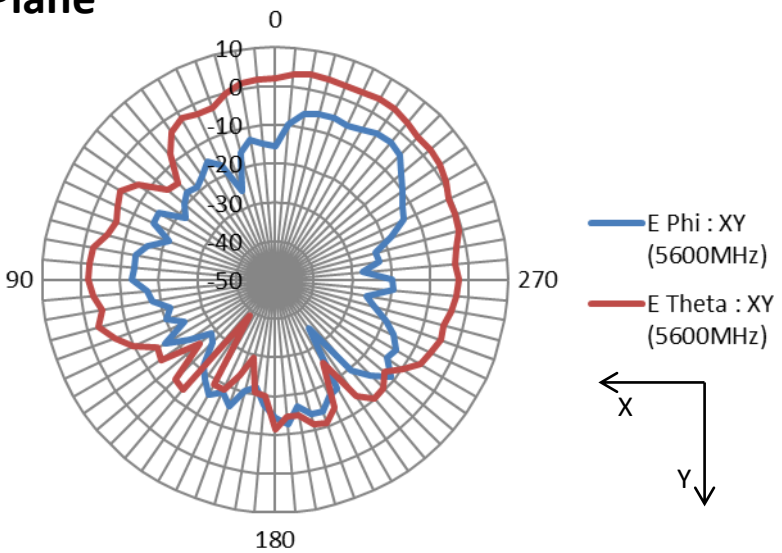


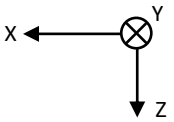
ZX Plane



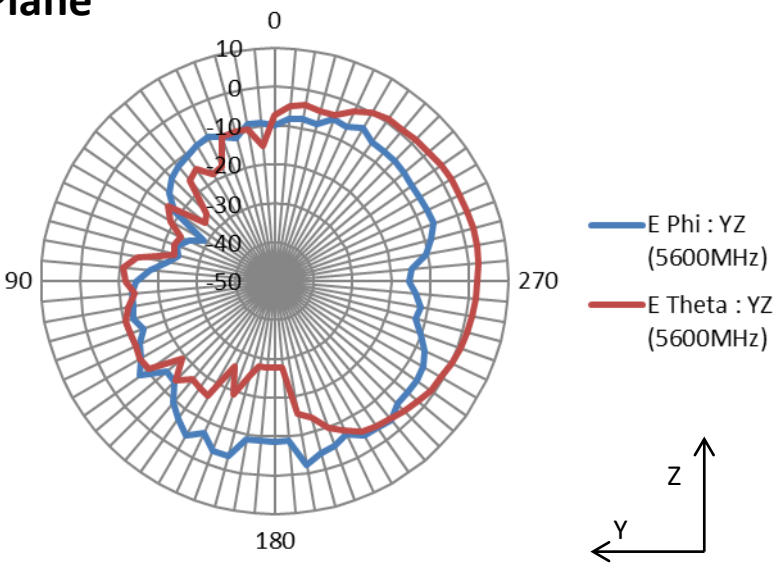
ANT1

XY Plane

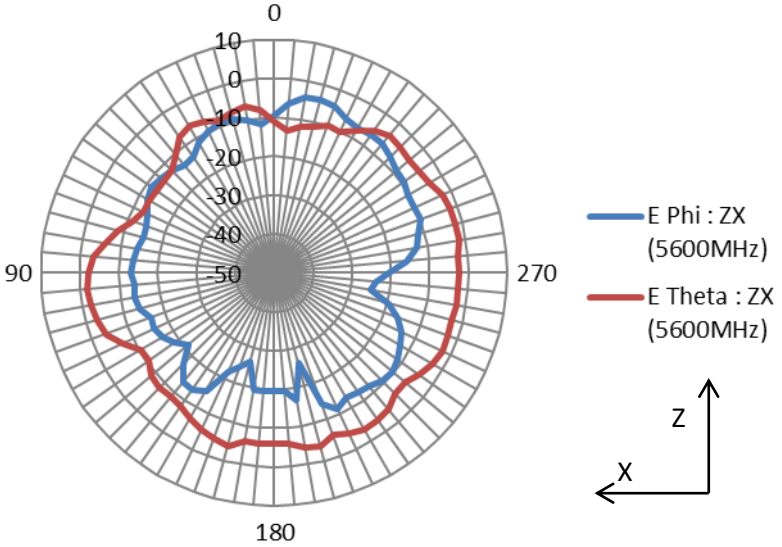




YZ Plane

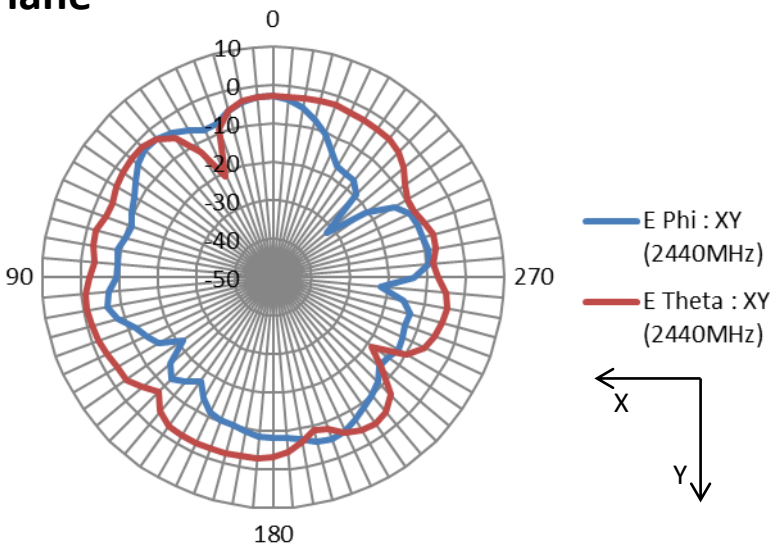


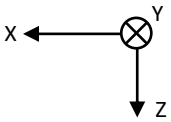
ZX Plane



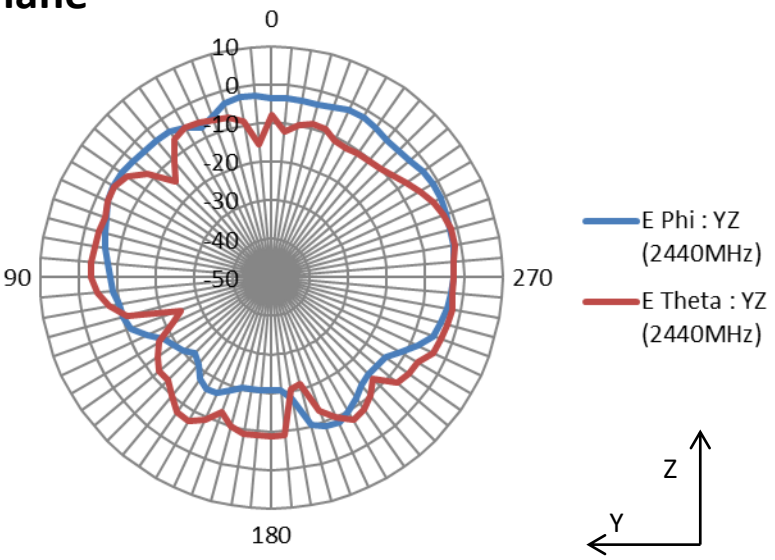
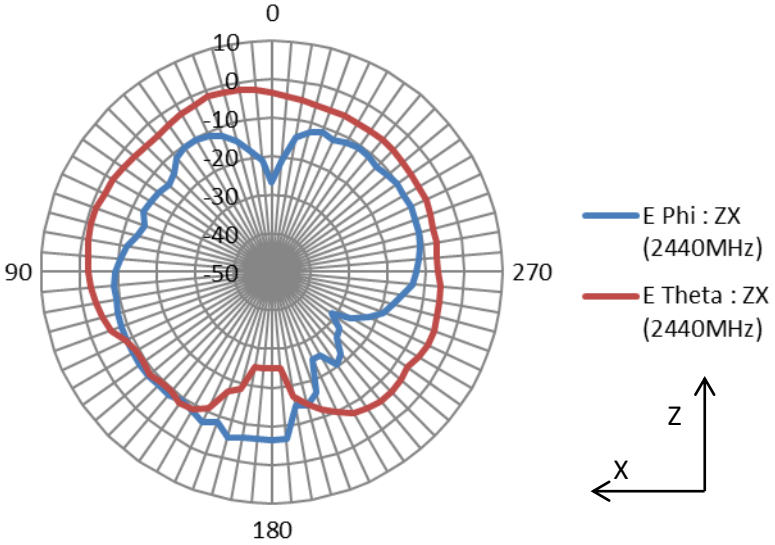
ANT2

XY Plane





YZ Plane



ZX Plane