

**Features:**

- Configuration: 2 x MiMo
- Frequency: 617 – 4200 MHz
- Gain: 2.5 / 2.5 / 3 dBi
- Size: Ø250 x 8 mm
- Low PIM < -150dBc
- Connector options:
  - DASLPP5GNFMIMO N-Female
  - DASLPP5G4310MIMO 4.3-10 Female
- Direct mounting with nut

**Applications:**

- In building
- DAS 2xMiMo system
- DAS 4G LTE systems
- DAS 5G systems
- Ceiling mounting

All dimensions are in mm / inches

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**Description:** LTE 4G/5G MiMo 617-4200MHz  
Low PIM Ceiling Mount Antenna**PART NUMBER: DASLPP5GXMIMO****Series: SKINNY****ELECTRICAL SPECIFICATIONS**

Antenna Type	PCB
Frequency	617-960MHz 1710-4200MHz
Nominal Impedance	50 $\Omega$
VSWR	<1.8@617-960MHz <1.5@1710-3800MHz <2@3800-4200MHz
Radiation Pattern	Omni
Gain	>2.5dBi @ 617-960MHz >2.5dBi @ 1710-2700MHz >3dB @ 3300-4200MHz
PIM	<-150dBc
Polarization	Vertical
Power Withstanding	5W

**MECHANICAL SPECIFICATIONS**

Overall Length	Ø250x8mm
Weight	400+/-10g
Antenna Color / Material	White/ABS
Connector type for P/N: DASLPP5GNFMIMO	N-Female x 2
DASLPP5G4310MIMO	4.3-10 Female x 2
Cable length	300mm

**ENVIRONMENTAL SPECIFICATIONS**

Operating Temperature	-40 - 60° C
Storage Temperature	-10 - 60° C
RoHS Compliant	Yes

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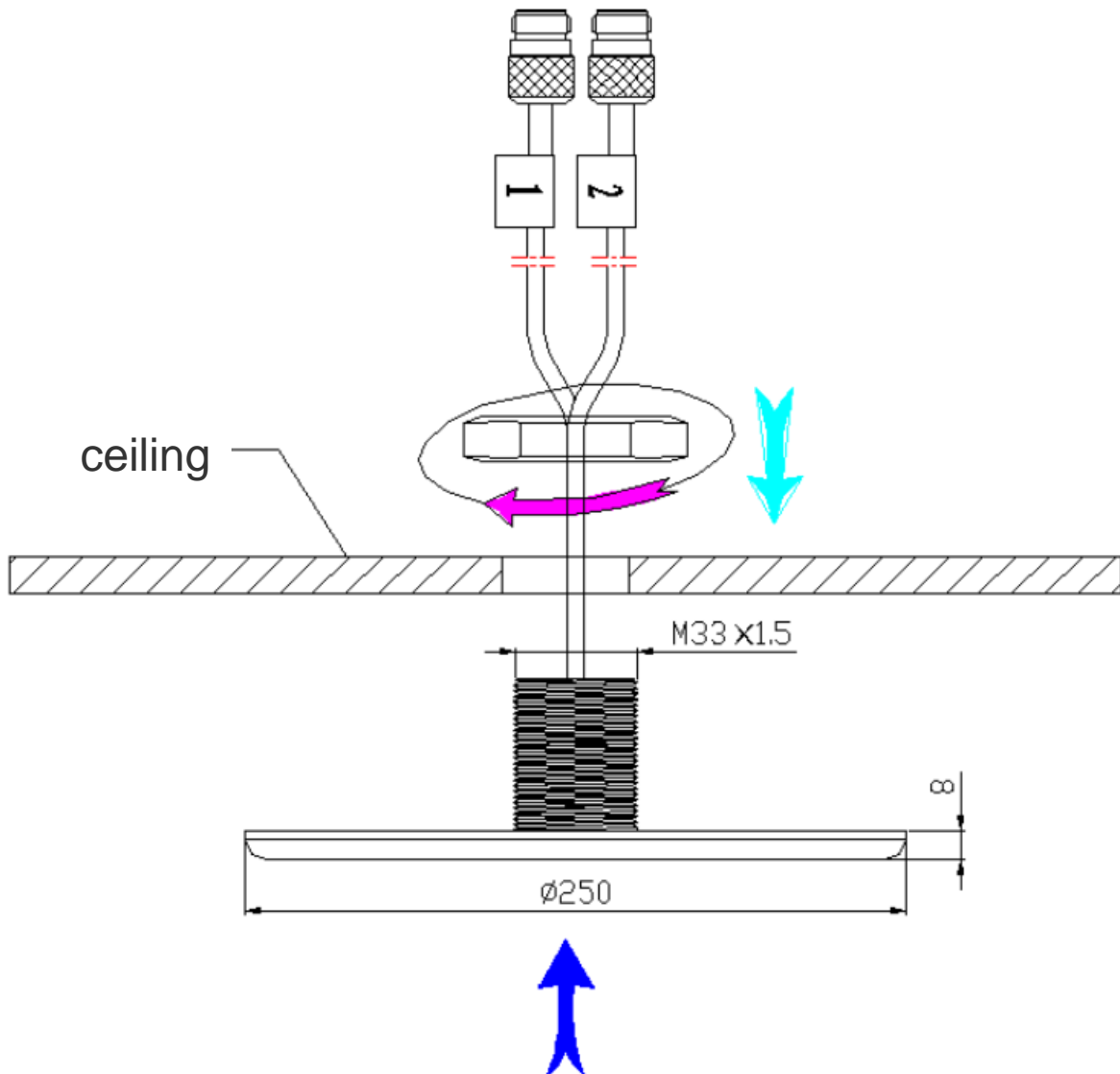
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## MECHANICAL DRAWING



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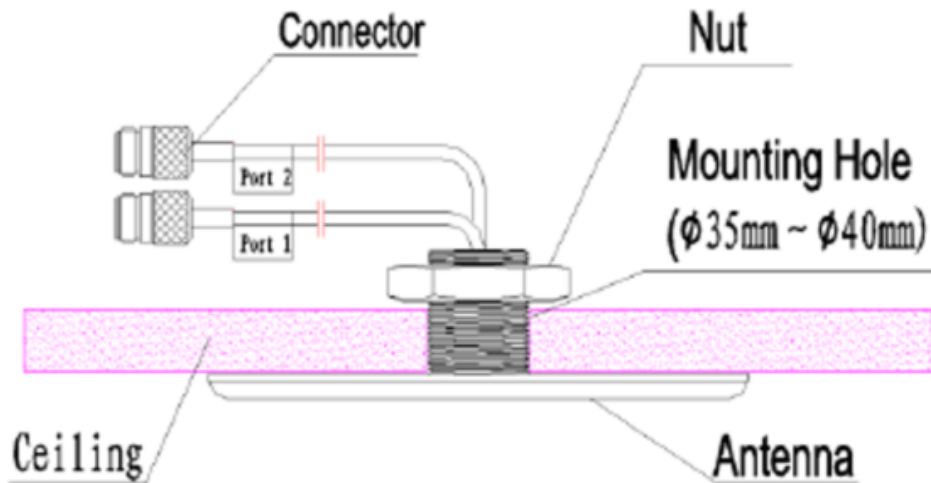
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**Series:** SKINNY

## ASSEMBLY

### Installation Sketch



1. Drill a  $\phi 35 - \phi 40$  hole on the ceiling.
2. Install the antenna as the following picture shows then tighten the bolts.
3. Connect the RF jumper to antenna connector.

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**TEST SETUP**



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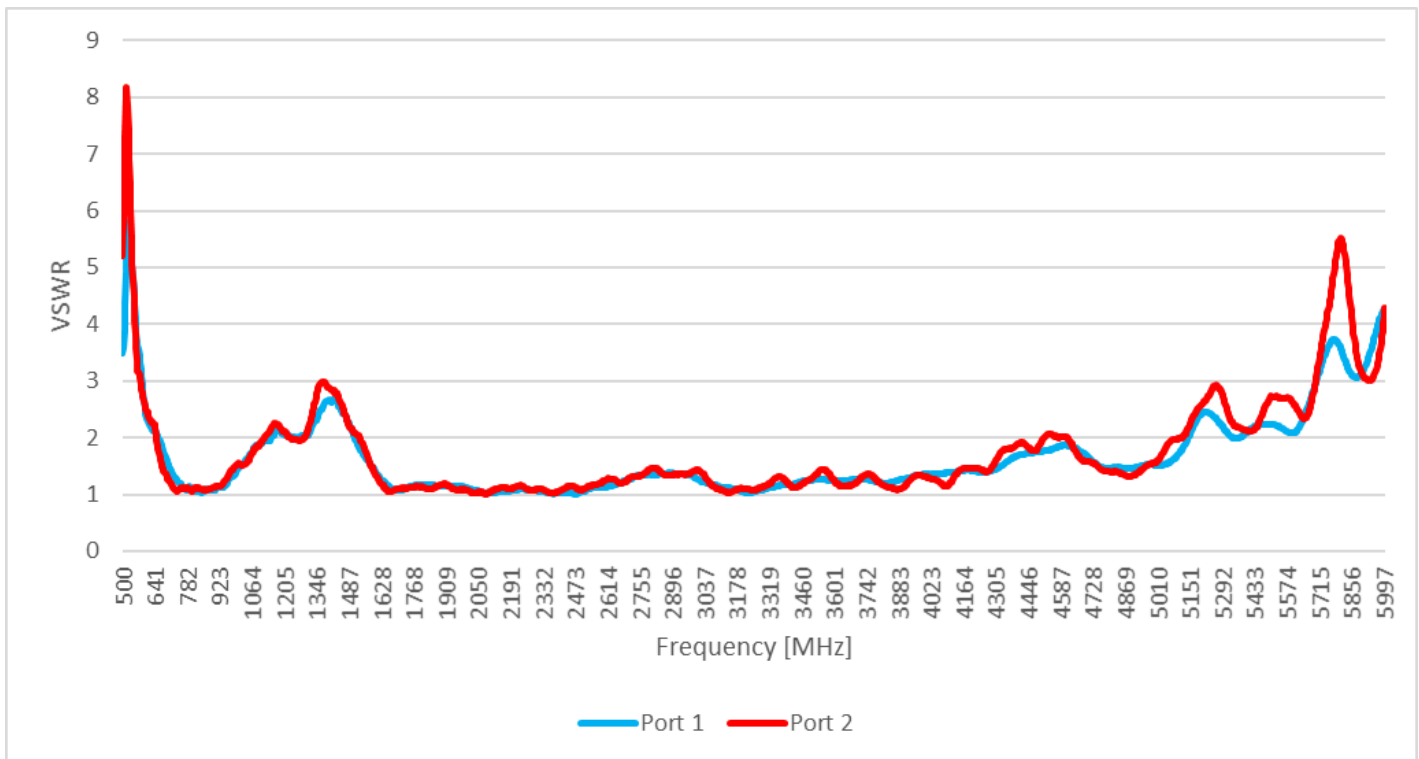
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#### VSWR



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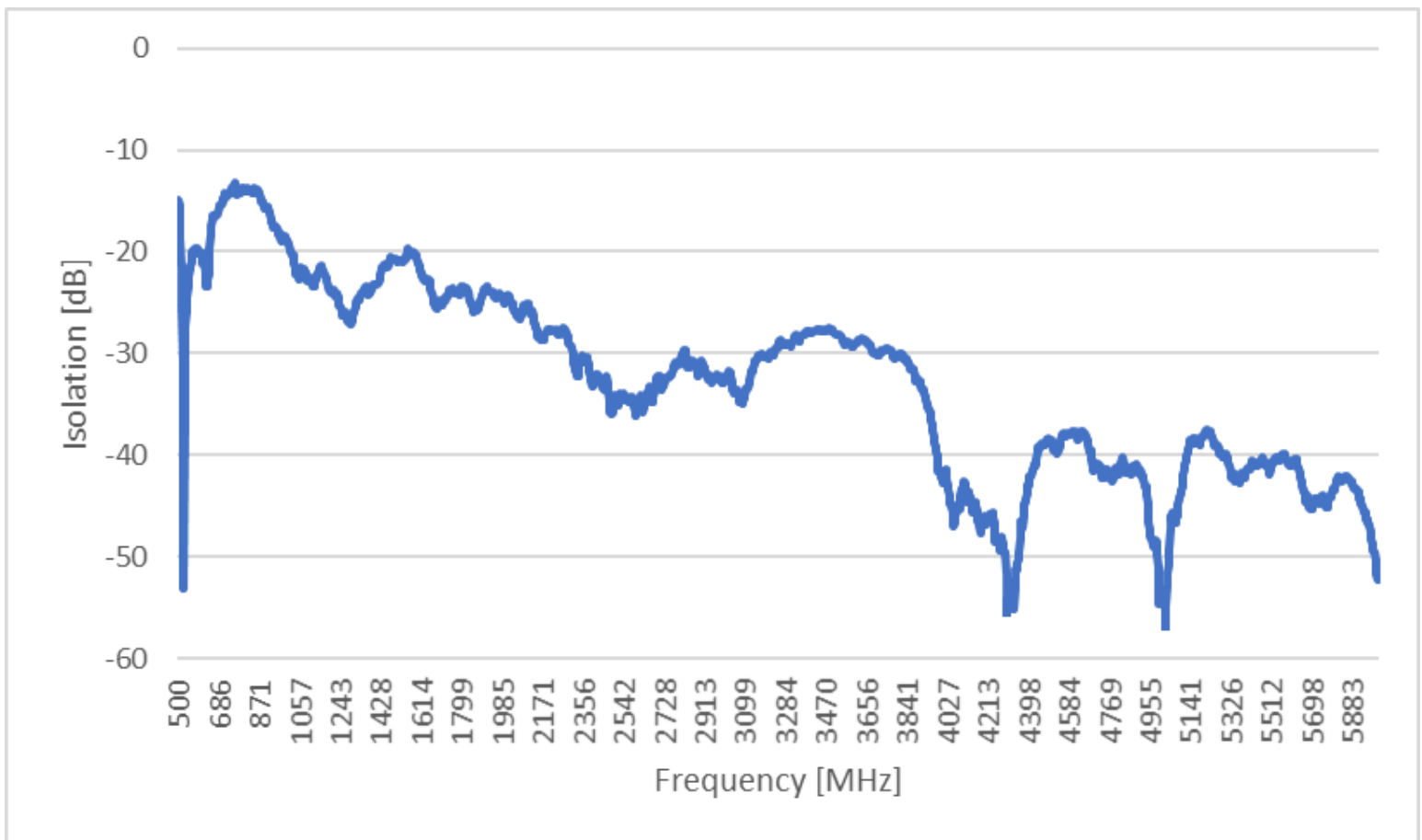
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### CHARTS

#### Isolation S21



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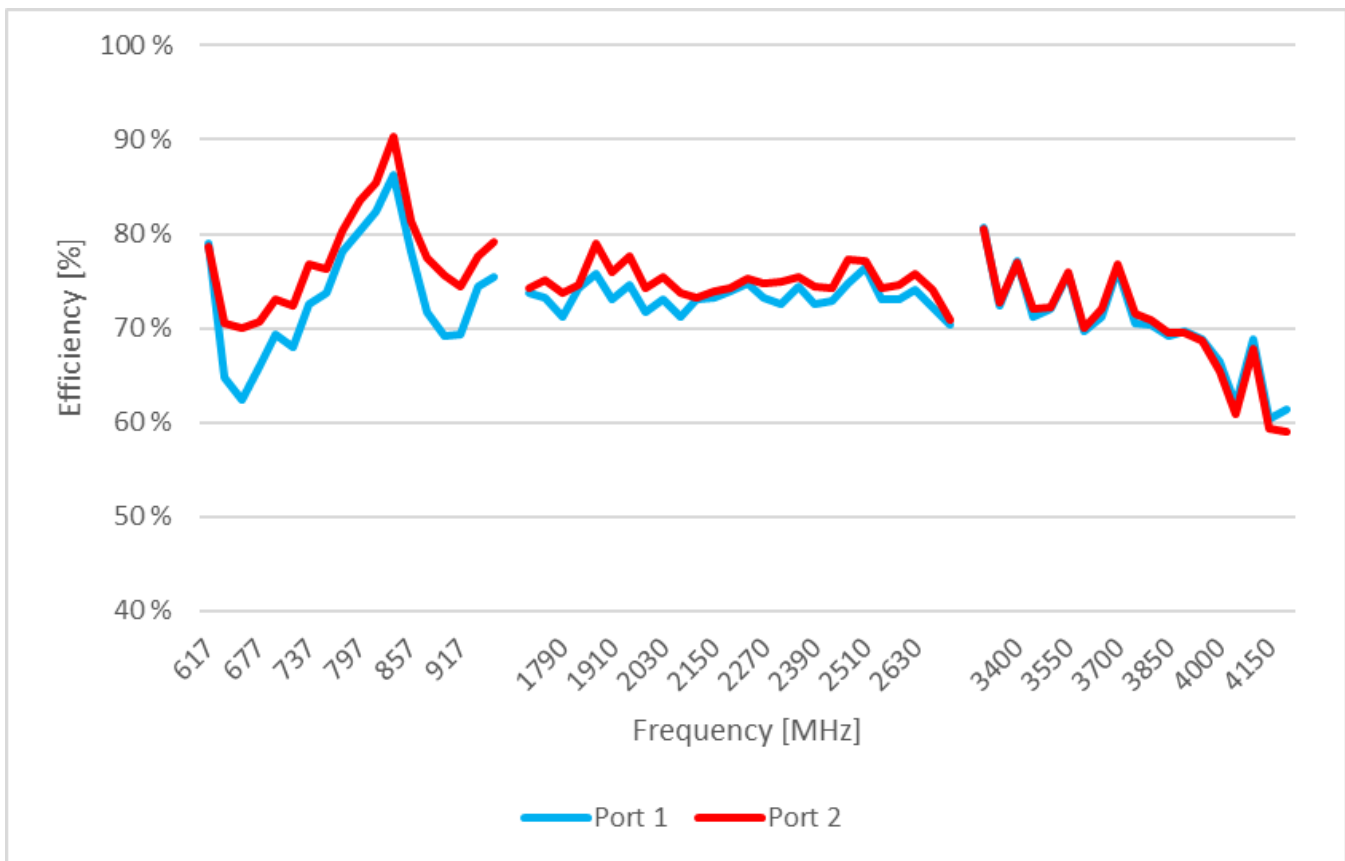
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### CHARTS

#### Efficiency



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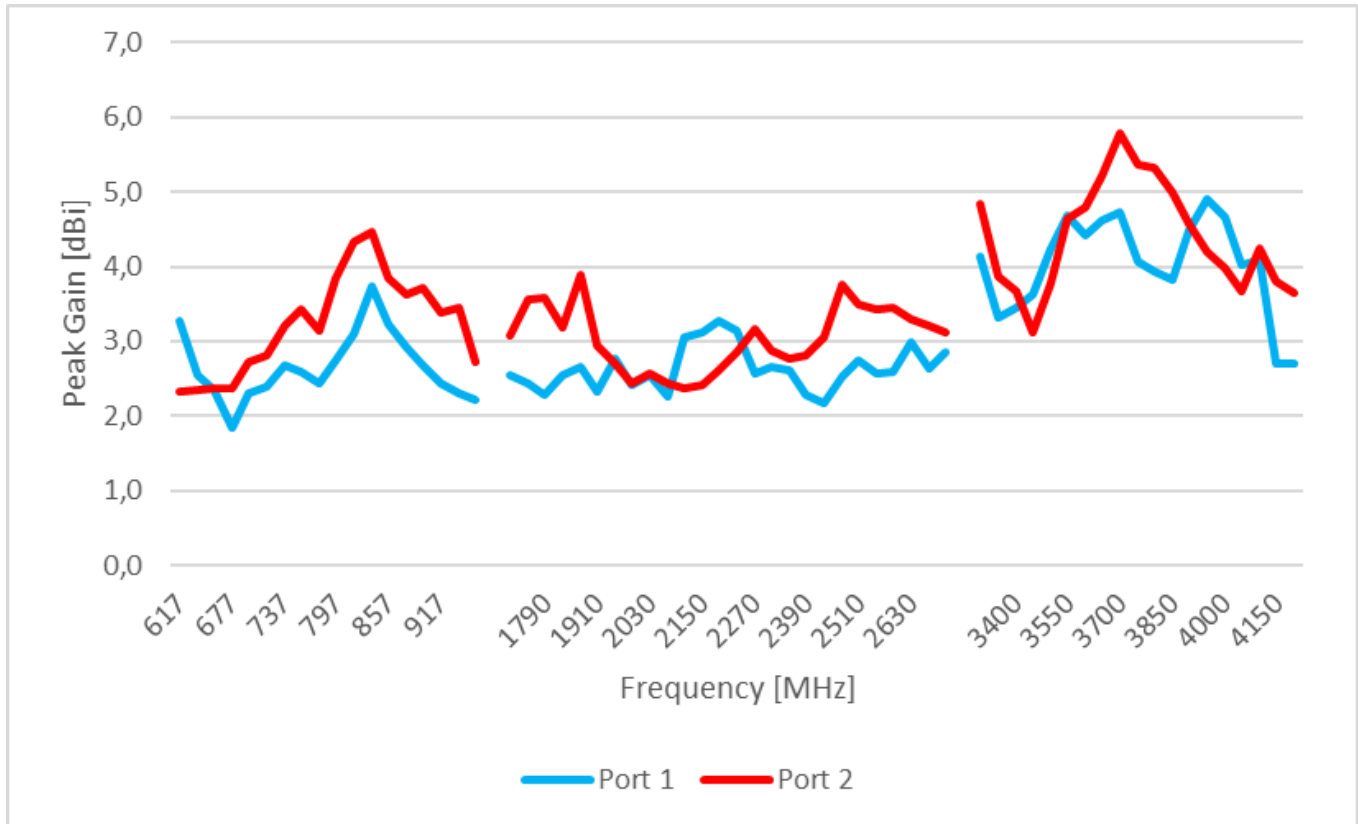
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## CHARTS

### Peak Gain



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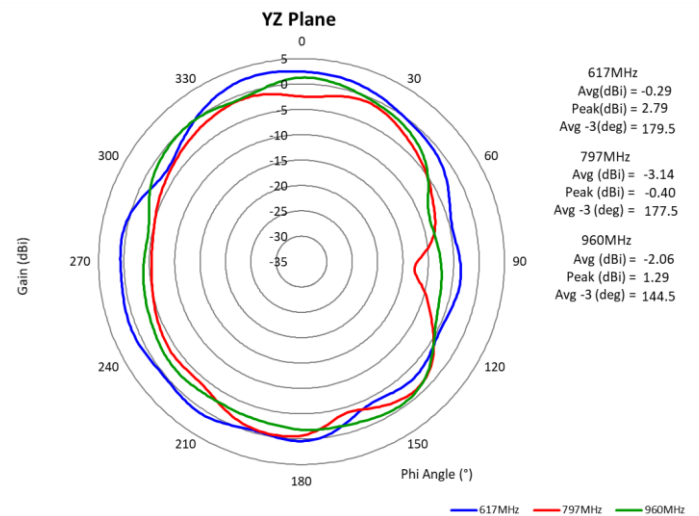
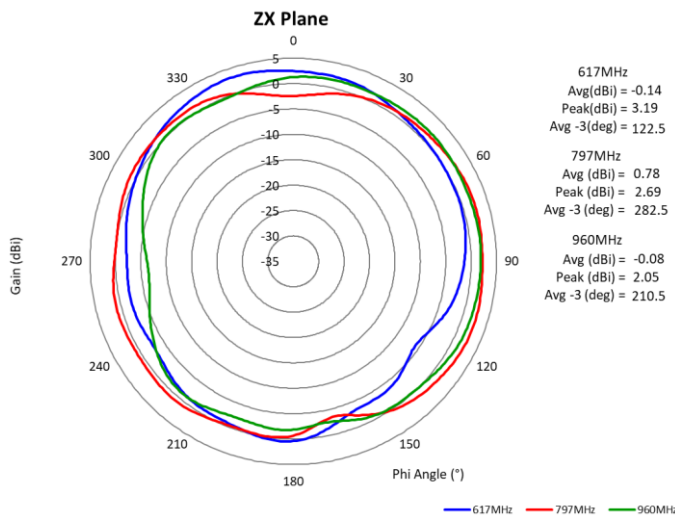
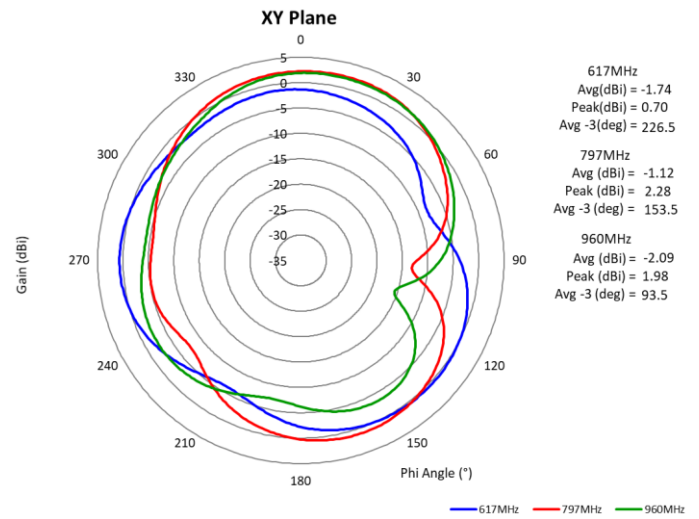
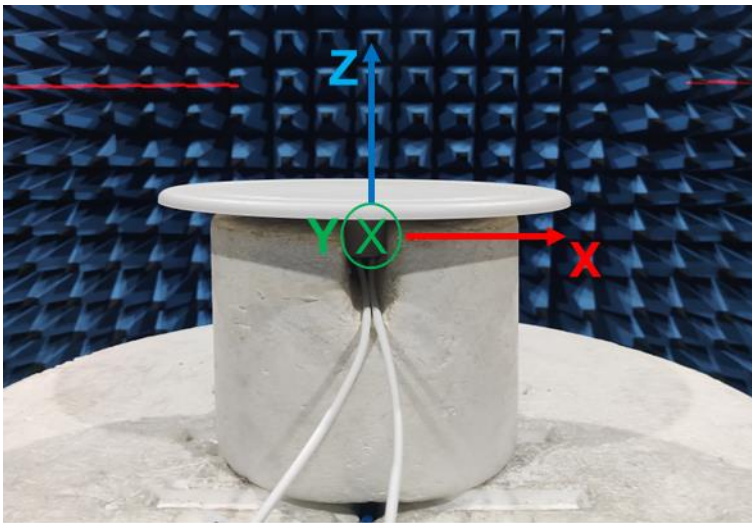
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### CHARTS

#### Patterns of port1



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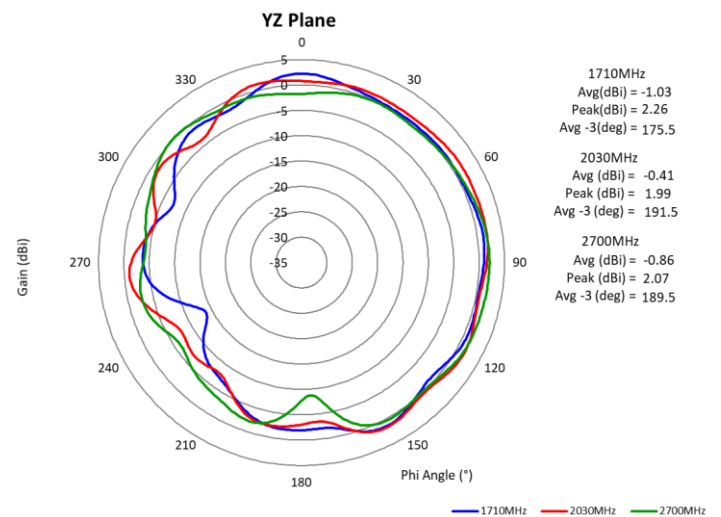
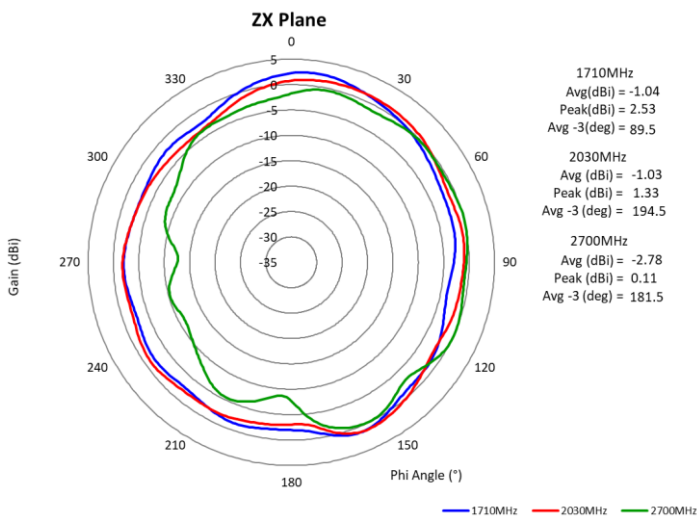
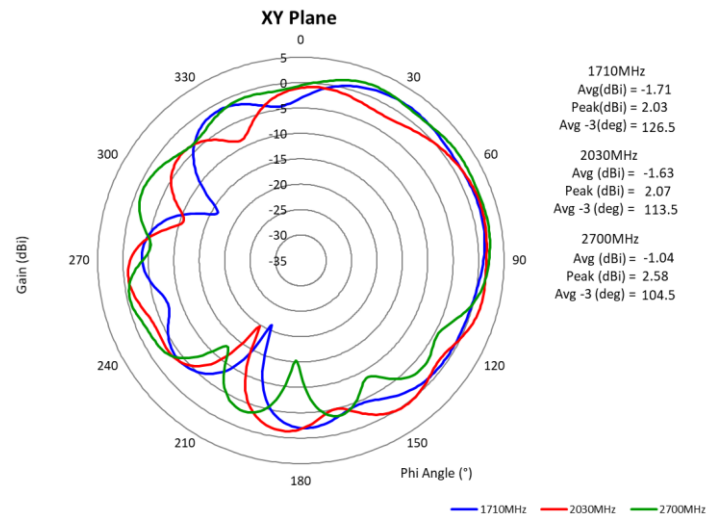
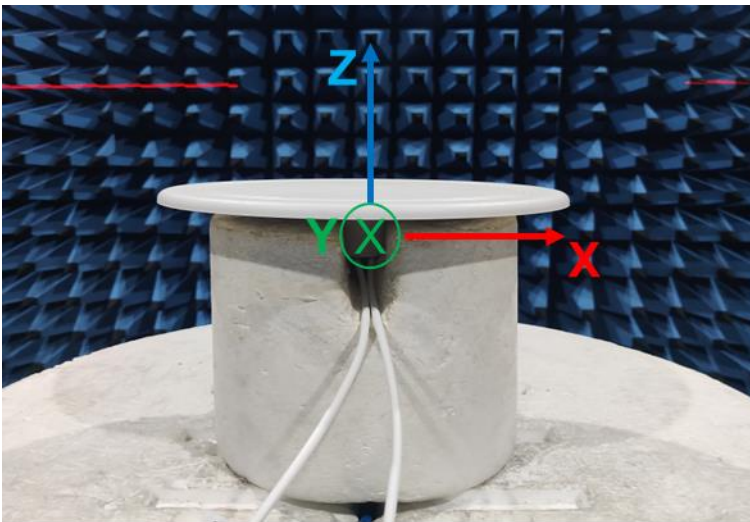
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### CHARTS

#### Patterns of port1



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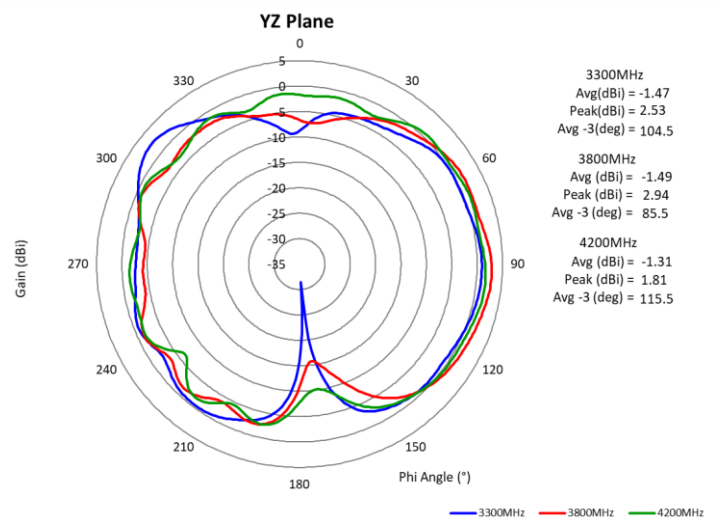
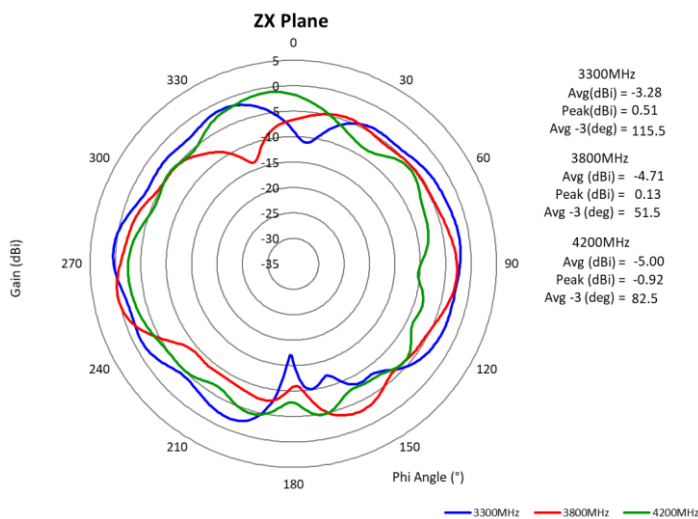
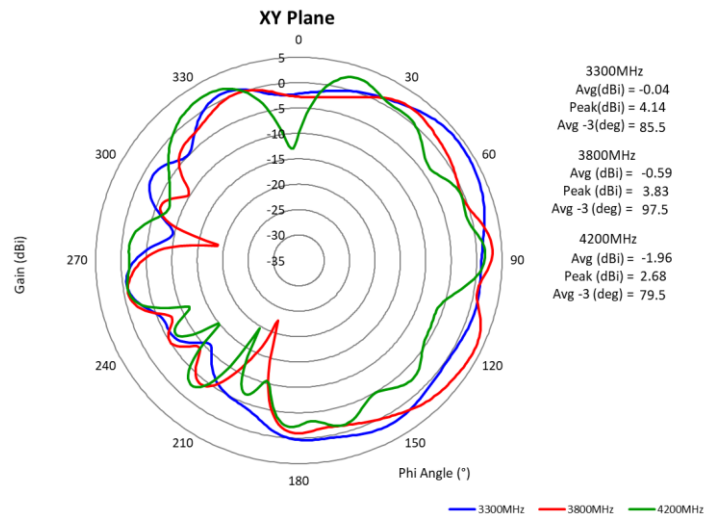
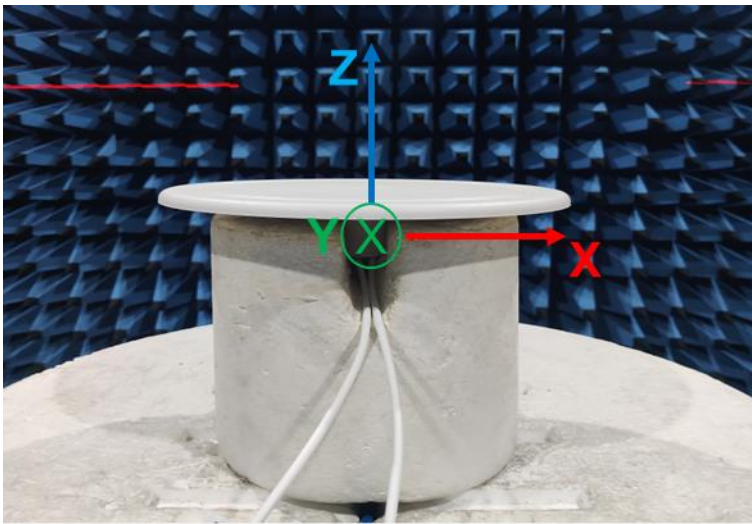
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### CHARTS

#### Patterns of port1



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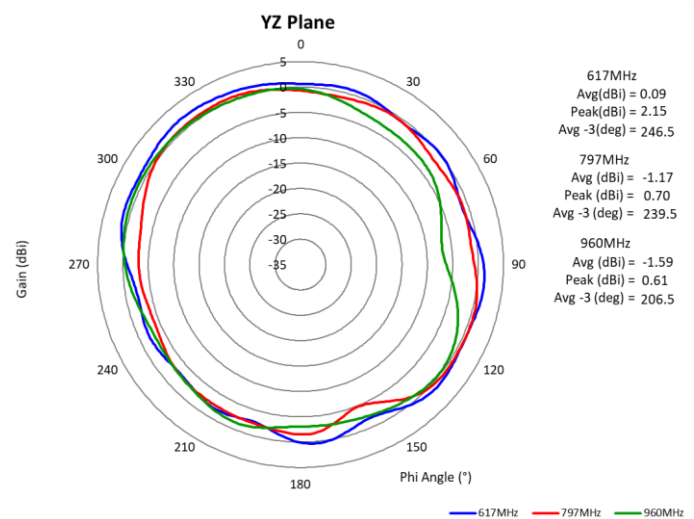
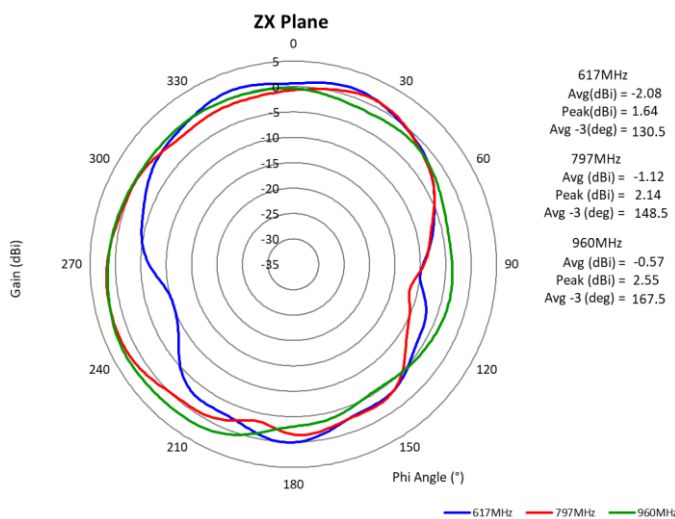
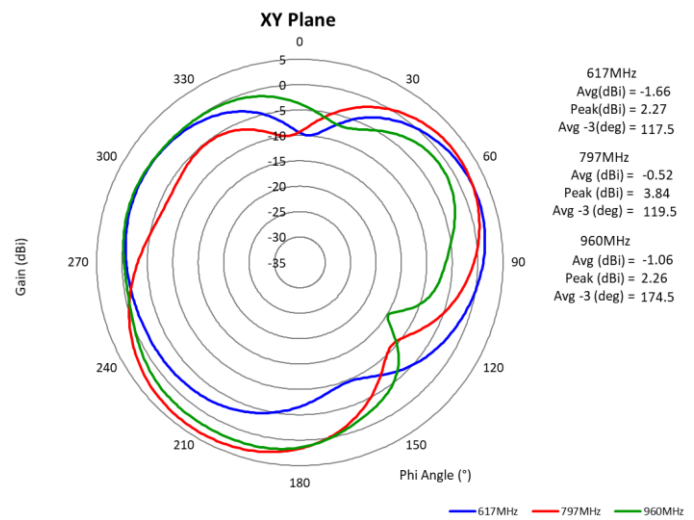
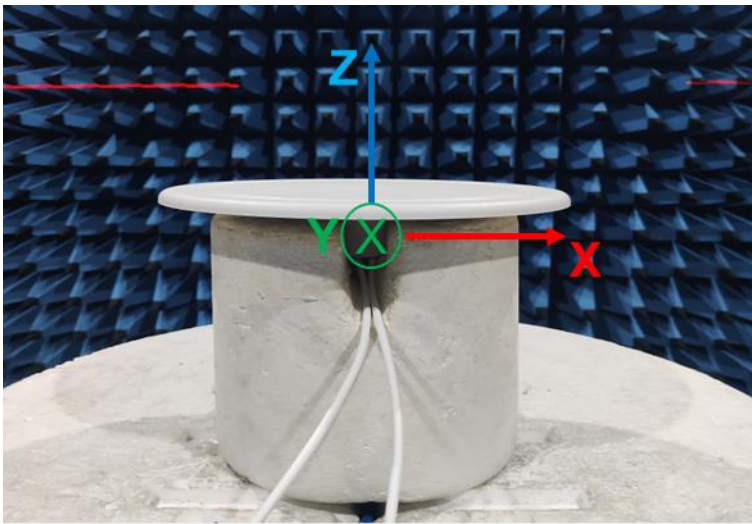
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### CHARTS

#### Patterns of port2



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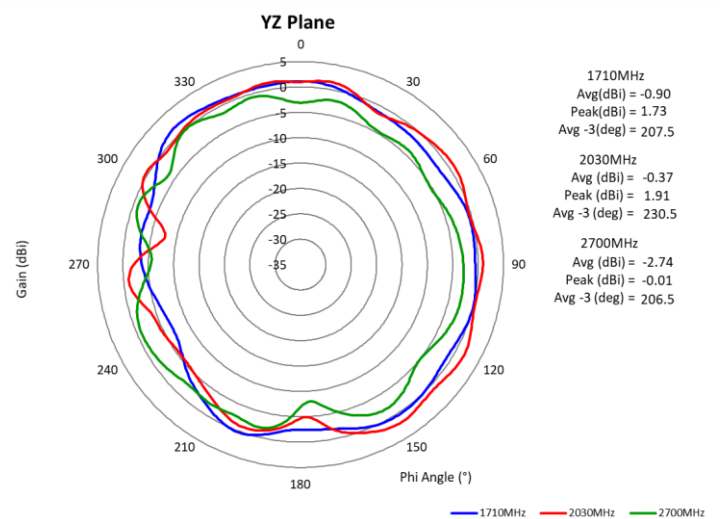
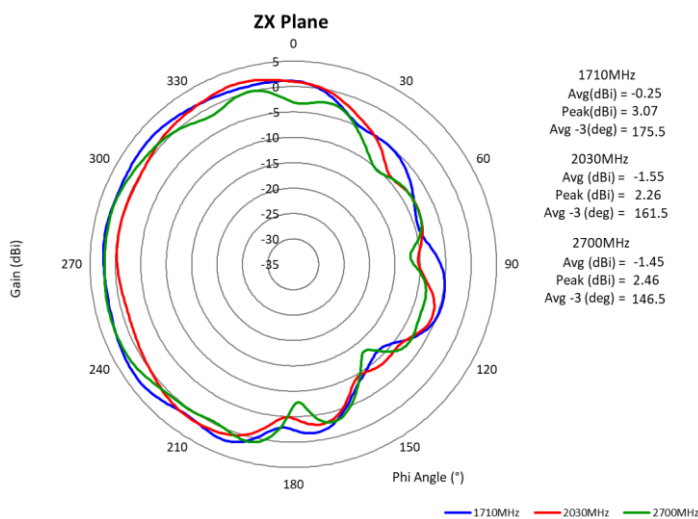
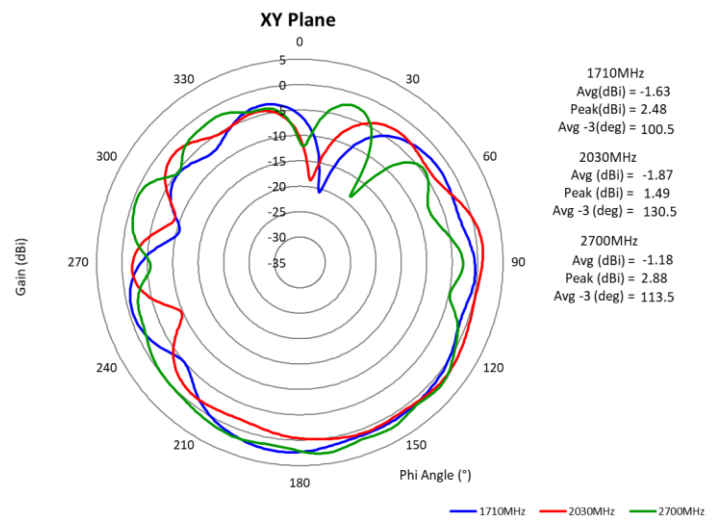
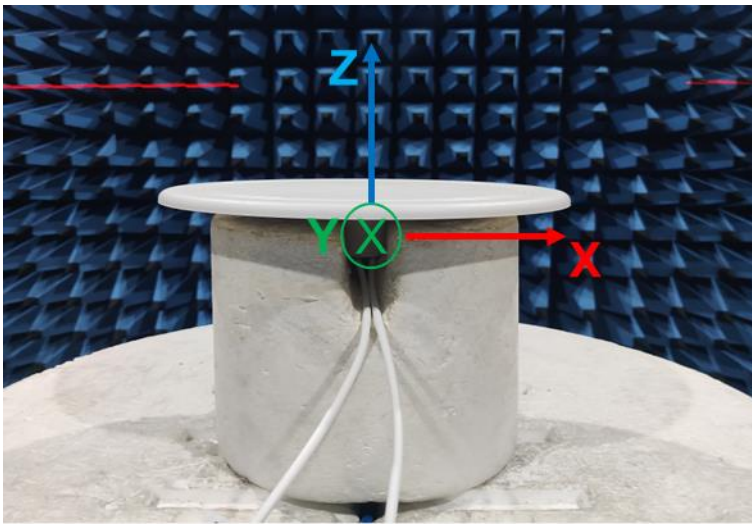
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### CHARTS

### Patterns of port2



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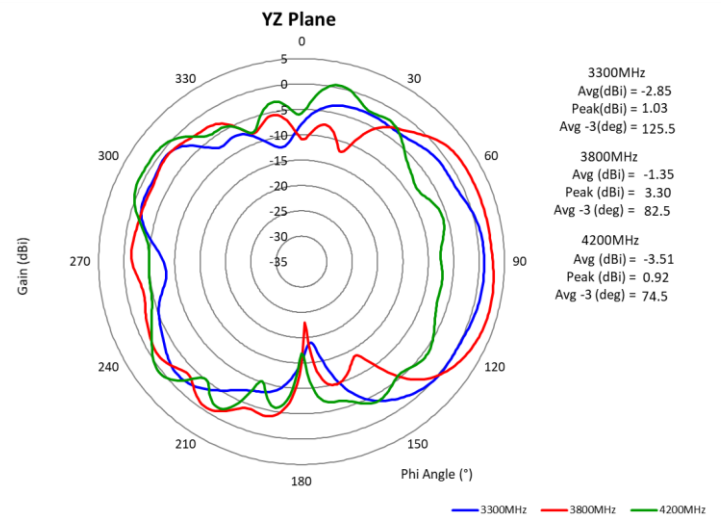
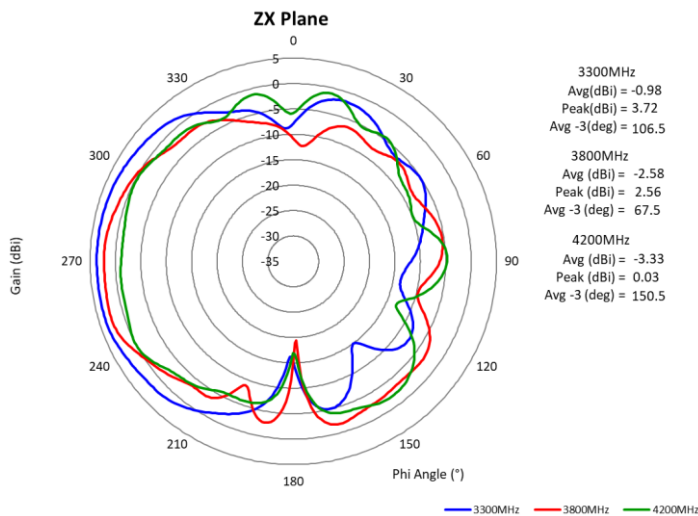
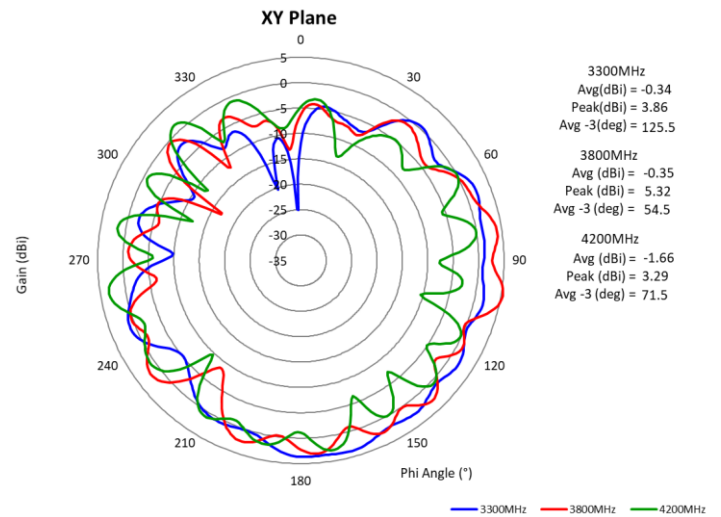
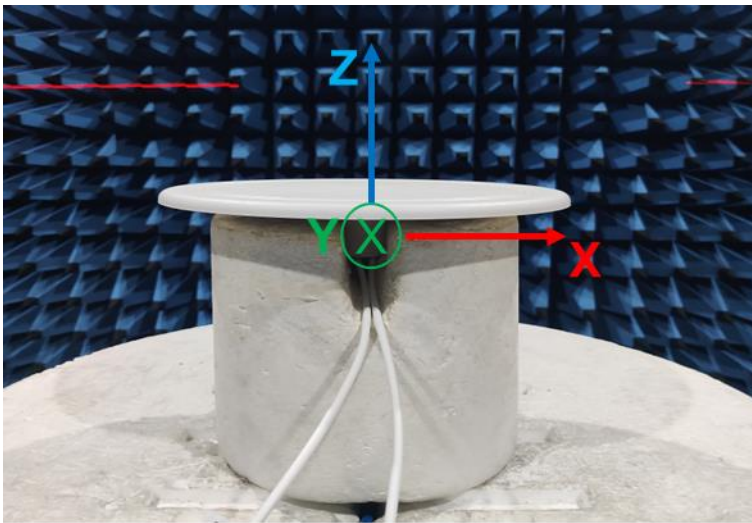
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## PACKAGING

1 ANTENNA WITH 1 BOX

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