


## 1. Specification

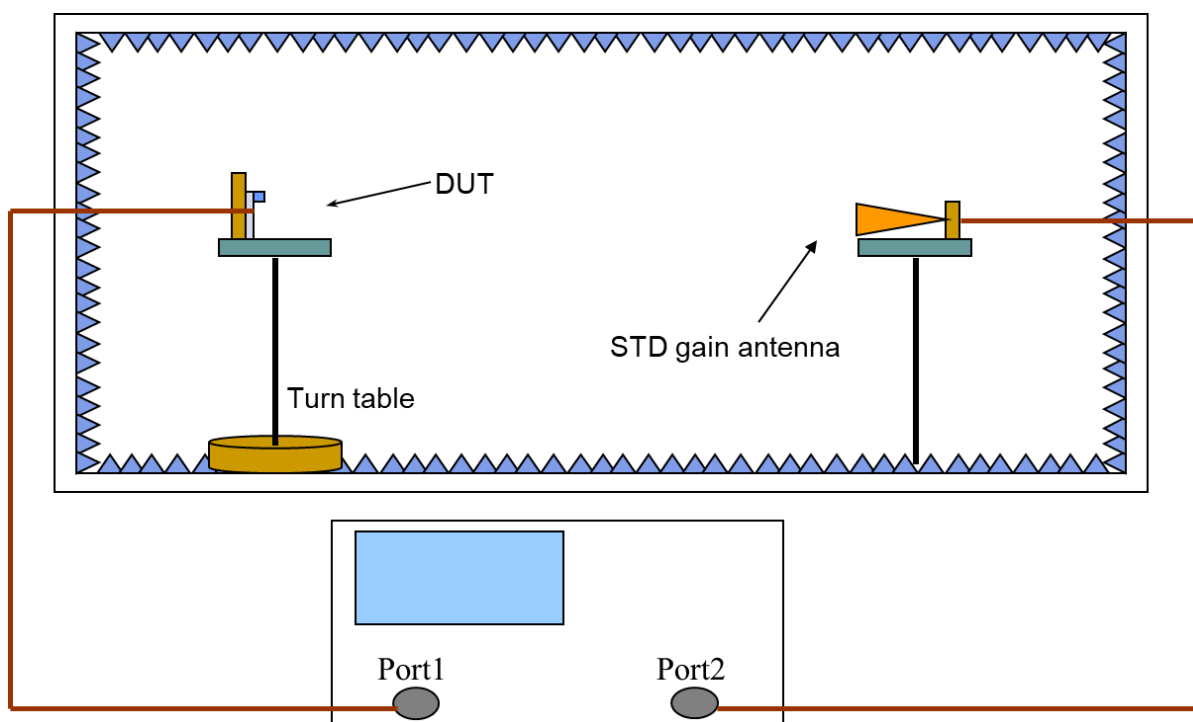
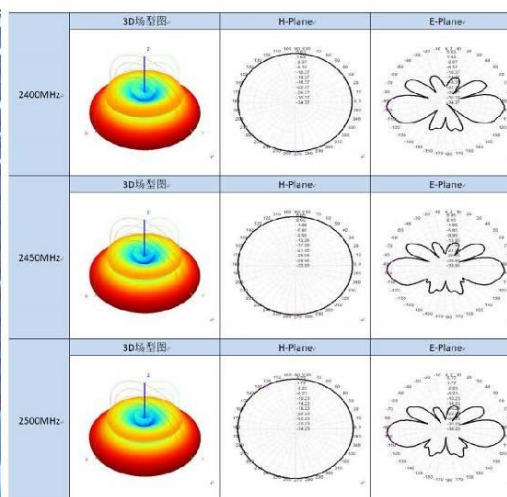
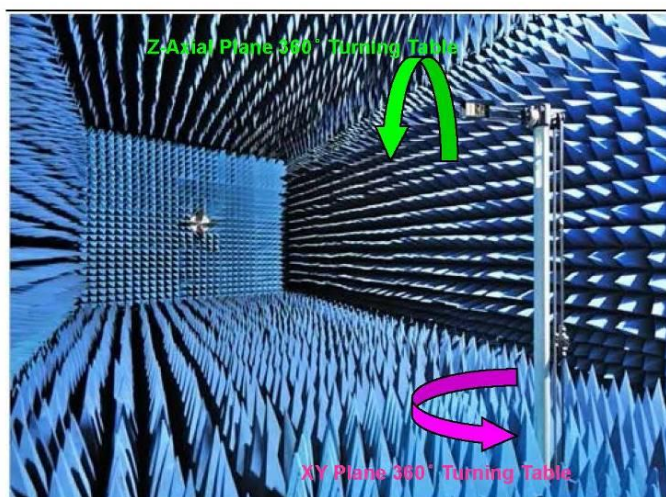
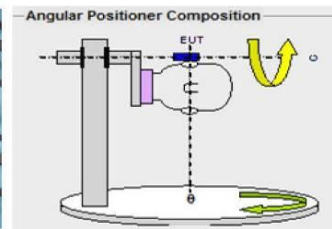
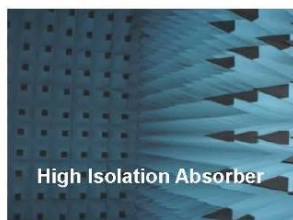
Sample Photo	
	
A. Electrical Characteristics	
Frequency	470-510MHz
Impedance	50 Ohm
S.W.R.	<1.8
Polarization	Linear
Horizontal Beamwidth	360°
Max Power	50W
B. Material & Mechanical Characteristics	
Connector Type	SMA connector
Cable Type	RG174 Cable
Dimension	Φ 30*130mm
Weight	0.045Kg
Antenna material	Carbon Steel
C. Environmental	
Operation Temperature	- 40 °C ~ + 80 °C
Storage Temperature	- 40 °C ~ + 80 °C

## Test Equipment & Conditions

1. Network Analyzer: Keysight E5071C

2. 3D Chamber Test System

- .Chamber Size: 9 x 5 x 4 m<sup>3</sup>
- .Freq. Range: 0.4 ~ 18.0 GHz
- .Double Ridge Horn Antenna
- .VNA: Agilent E5071C
- .3D Turning Table and Positioner
- .ADT Solution 3D Testing Software

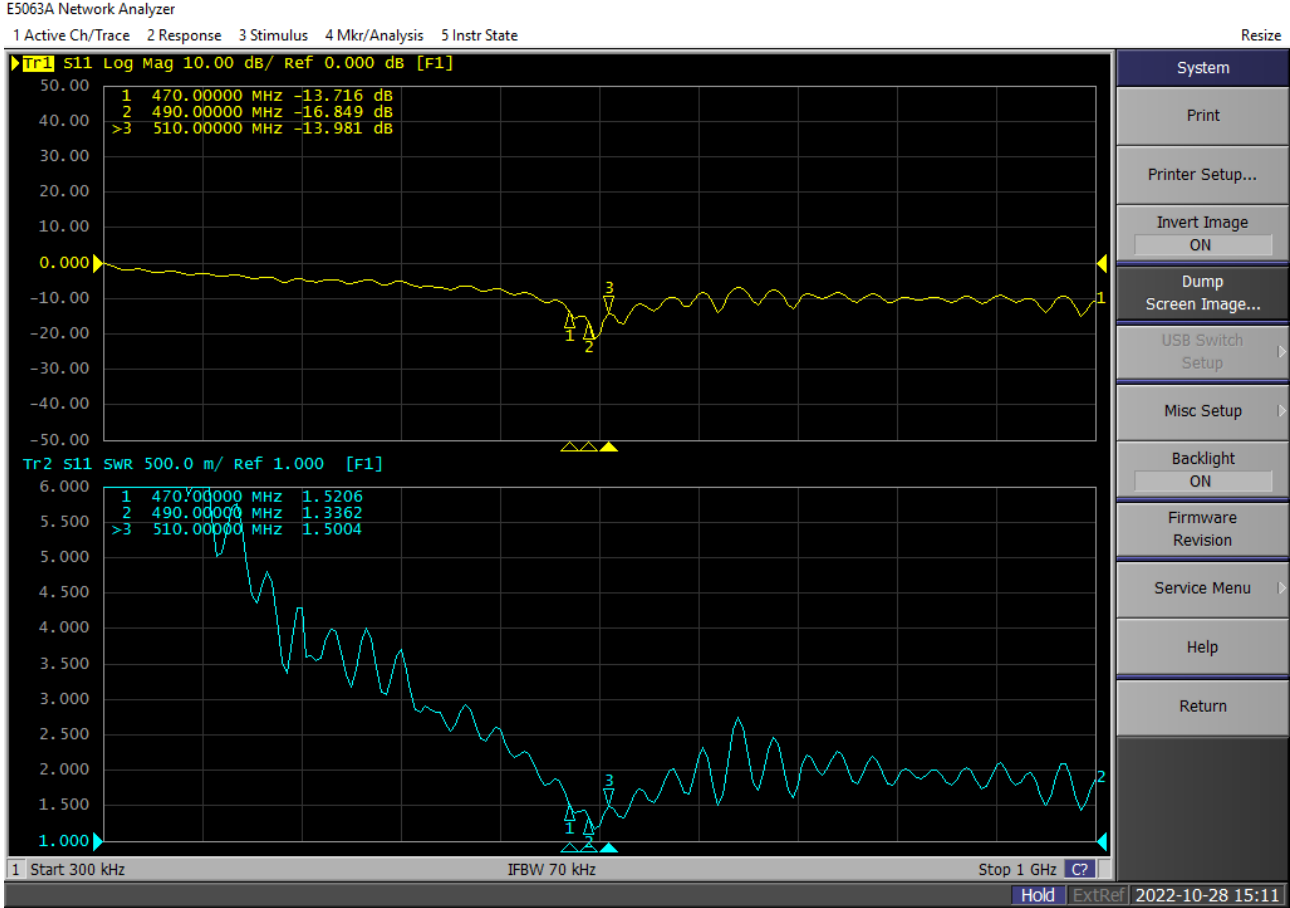




Product Number: BGS-AN0510-30130B  
Product Name: Magnetic Lora Antenna 470-510MHz

## 2. Antenna - S Parameter Test Data

### 2.1. VSWR





Product Number: BGS-AN0510-30130B  
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### 3. Mechanical Drawing

