

# 2.4&5.8GHz Small Suction Cup Antenna

## FEATURES



- Magnetic installation
- Metal and non-metallic surfaces can be shared
- Customized product development supported



## PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Cable	Connector	Color
M04-0103040R0A	27.9g	Φ 29.8*222.0mm	Φ 2.8*1000mm	SMA MALE	Black

## SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500MHz	5100-5900MHz
VSWR (Max)	3.0:1	3.0:1
Peak Gain, dBi (Typ)	Up to 2.65	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear	
Radome	/	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-30° C to +80° C	
Material Substance Compliance	REACH/RoHS Compliant	
HSCODE	8529109090	
USHSCODE		
UPCva		

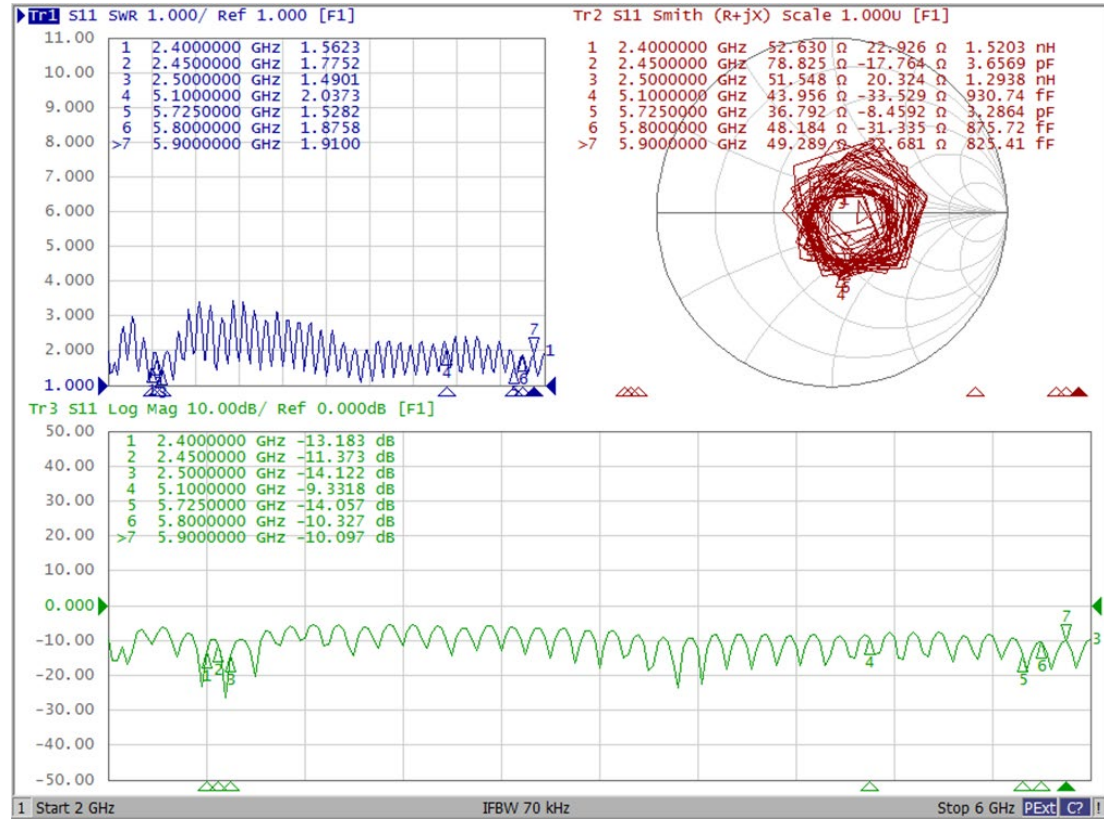
MyAntenna RF Technology Co., Ltd

ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

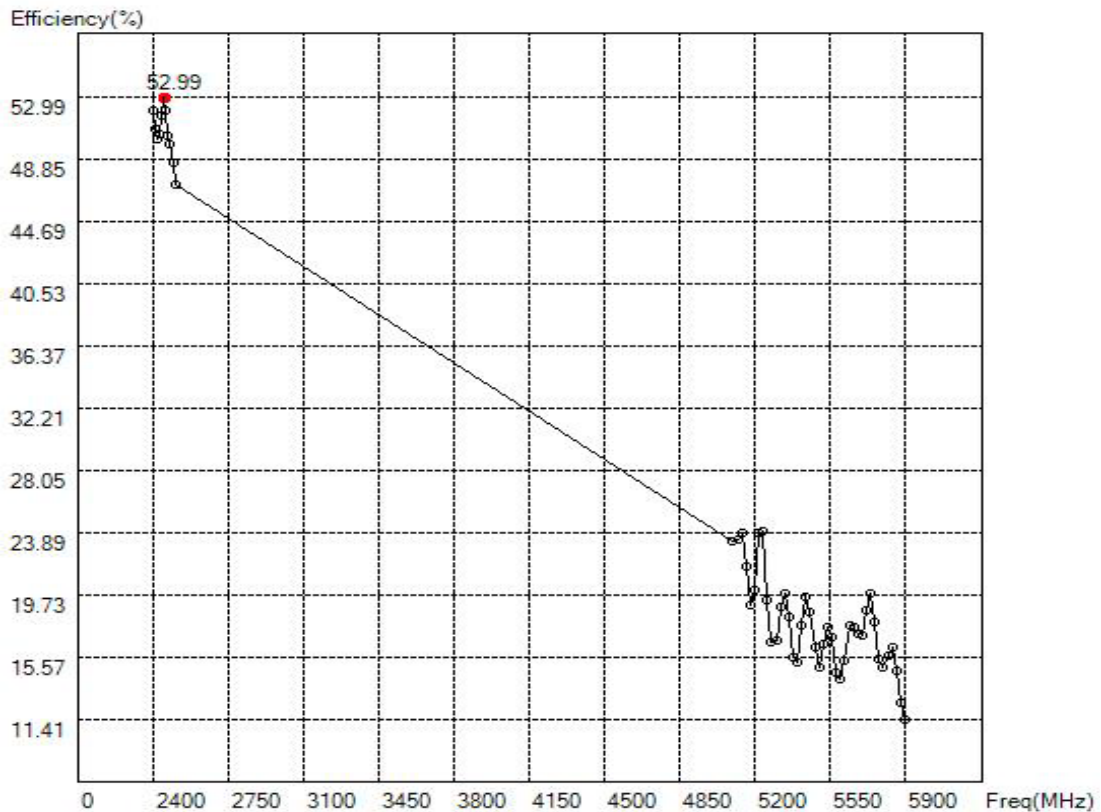
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: [nfc@myantenna.com](mailto:nfc@myantenna.com)

## ELECTRICAL DATA

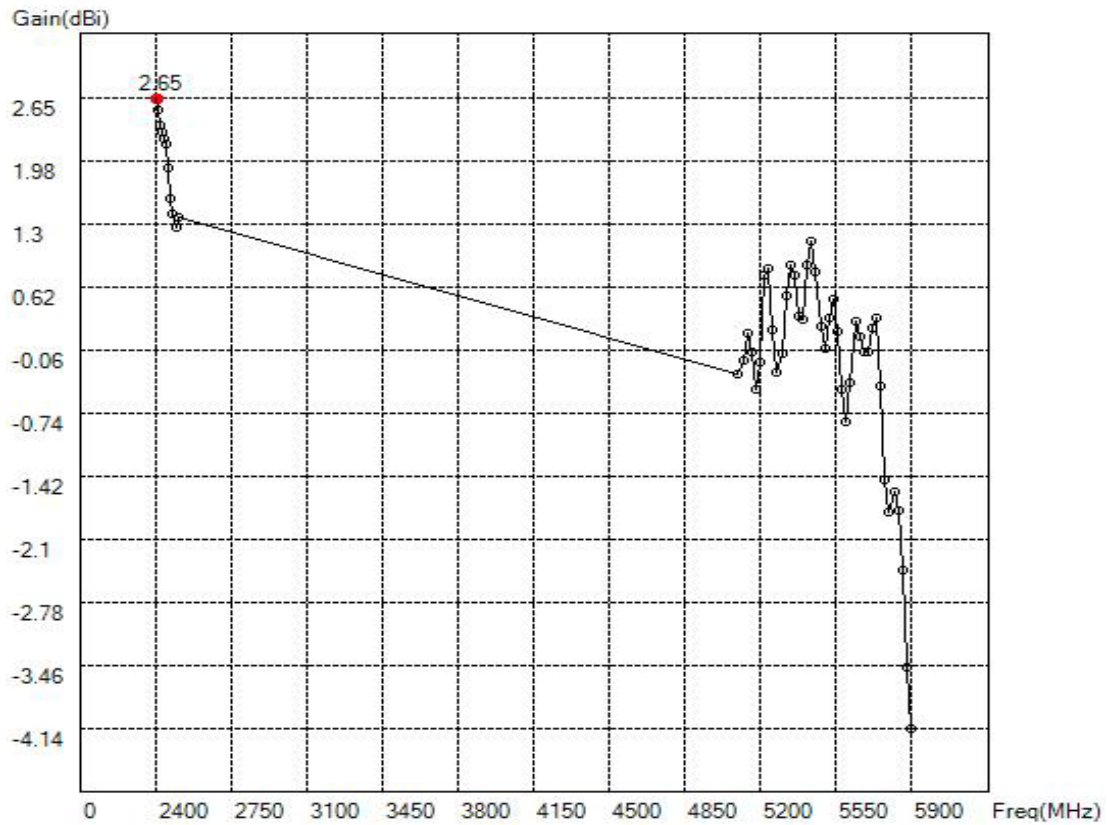
### Return Loss



### Efficiency (%/Installed on metal surfaces)

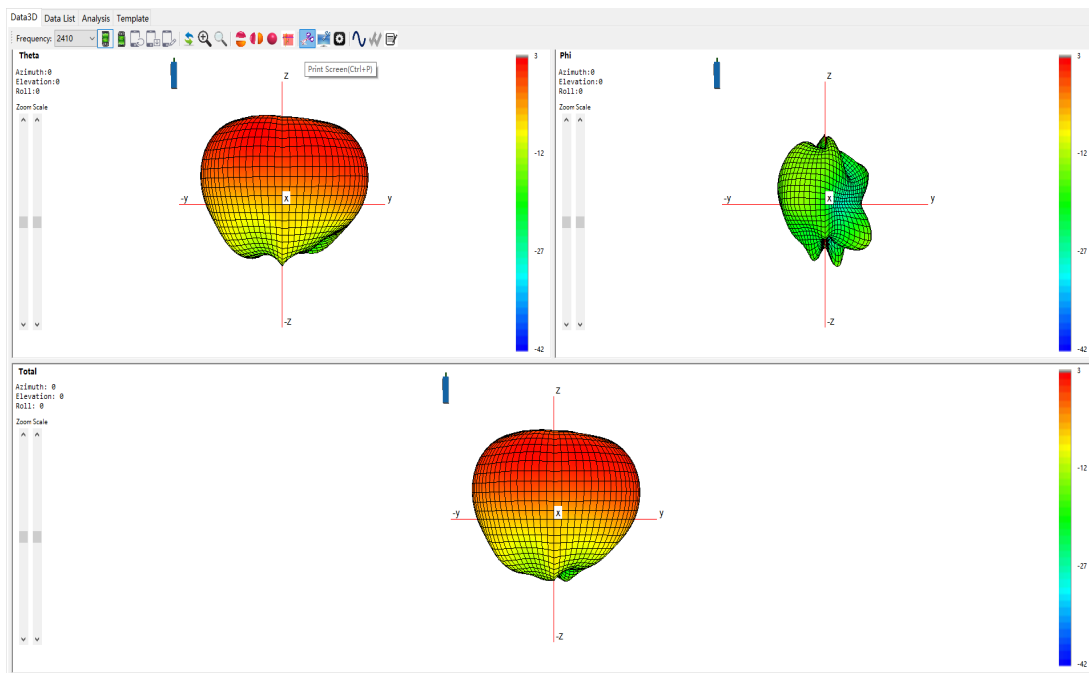


Peak Gain (dBi/Installed on metal surfaces)

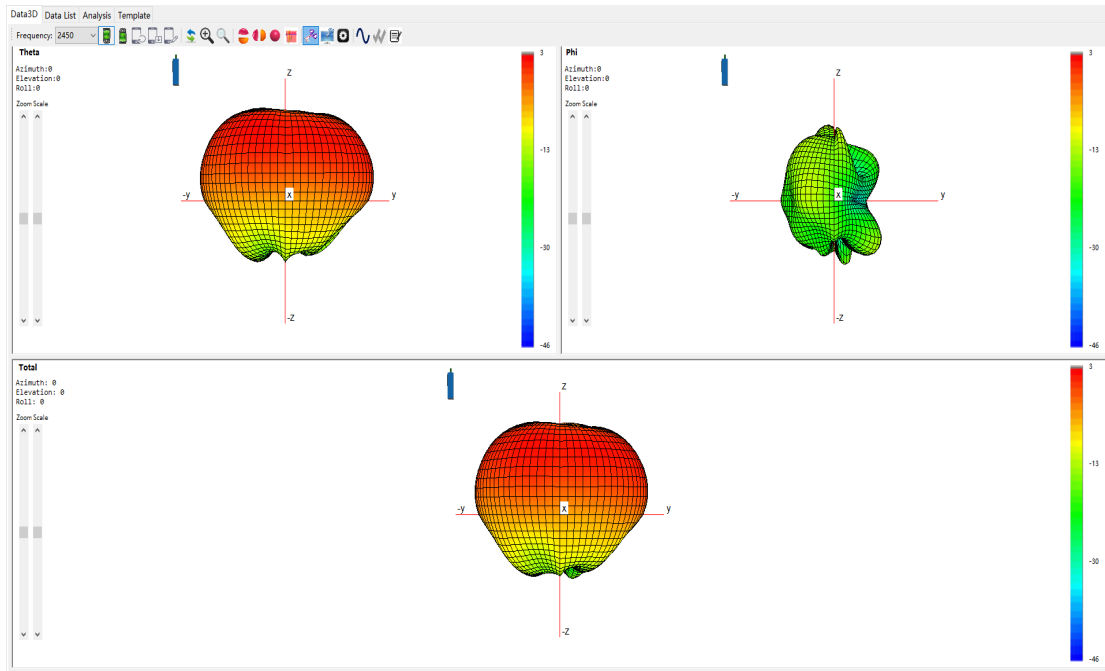


RADIATION PATTERNS

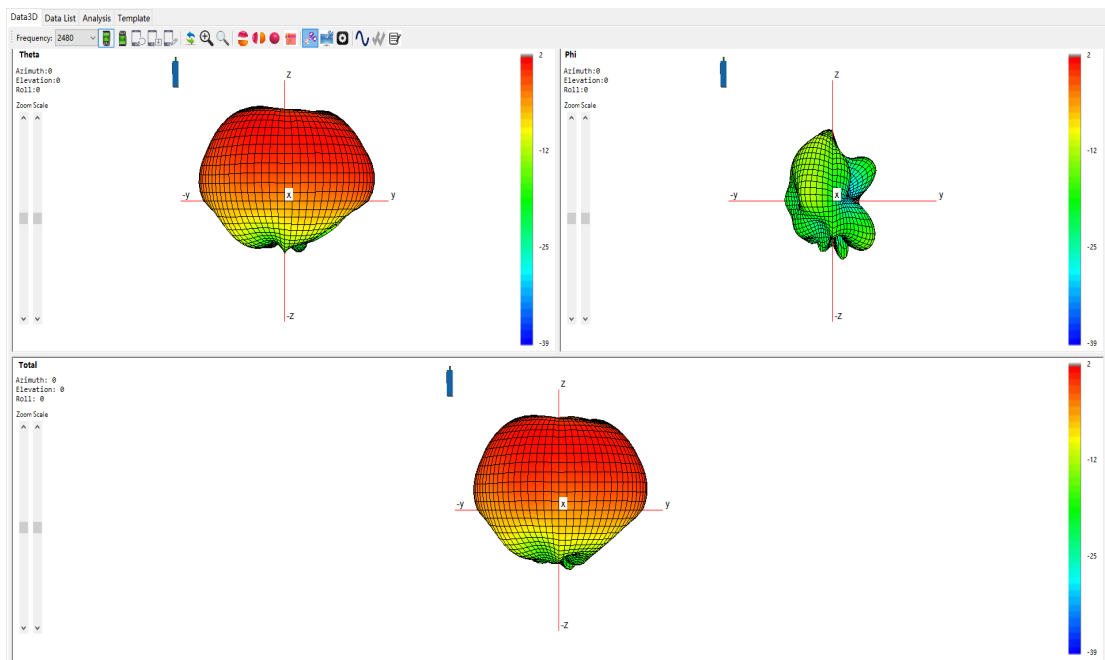
3D Radiation Pattern at 2410MHz Gain=2.52dBi (Installed on metal surfaces)



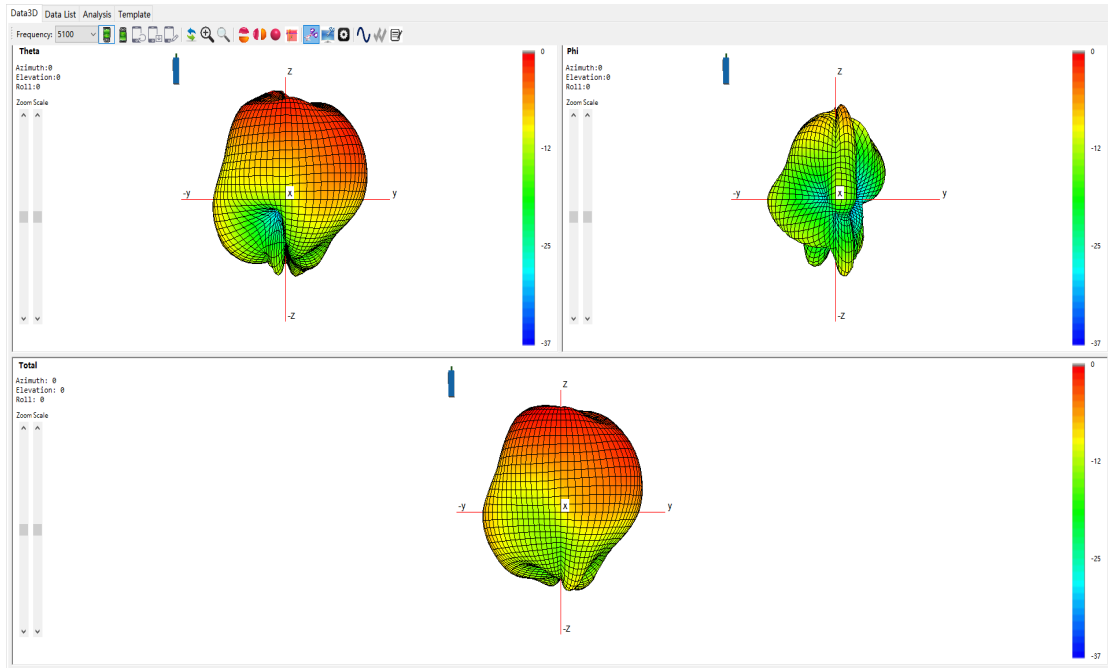
3D Radiation Pattern at 2450MHz Gain=2.15dBi (Installed on metal surfaces)



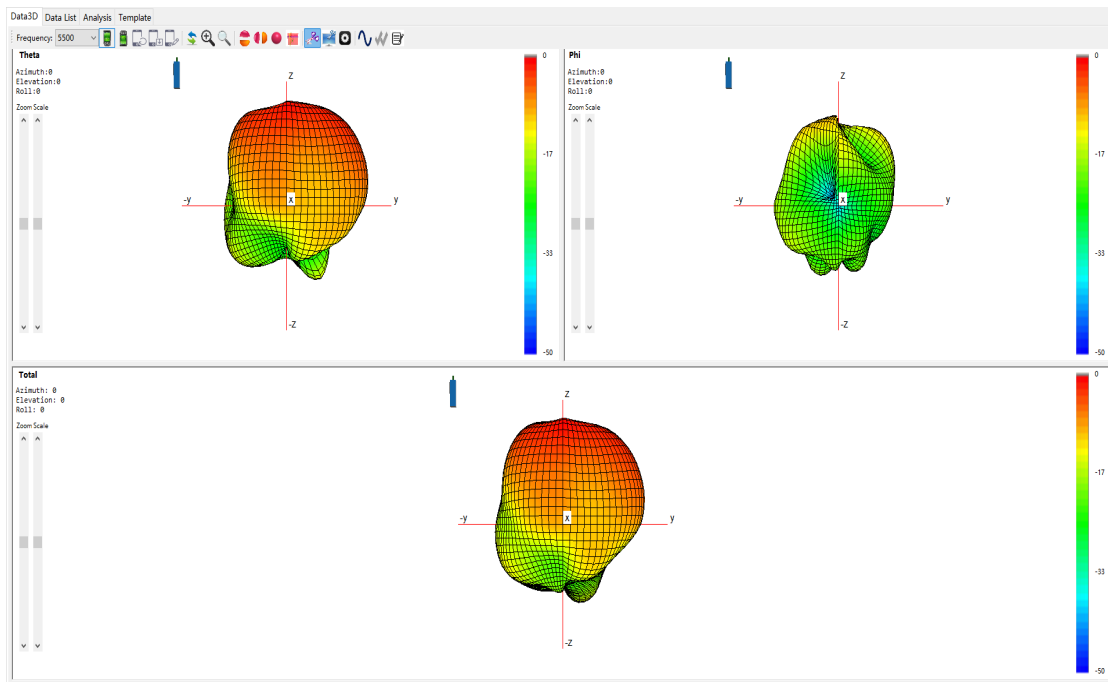
3D Radiation Pattern at 2480MHz Gain=1.4dBi (Installed on metal surfaces)



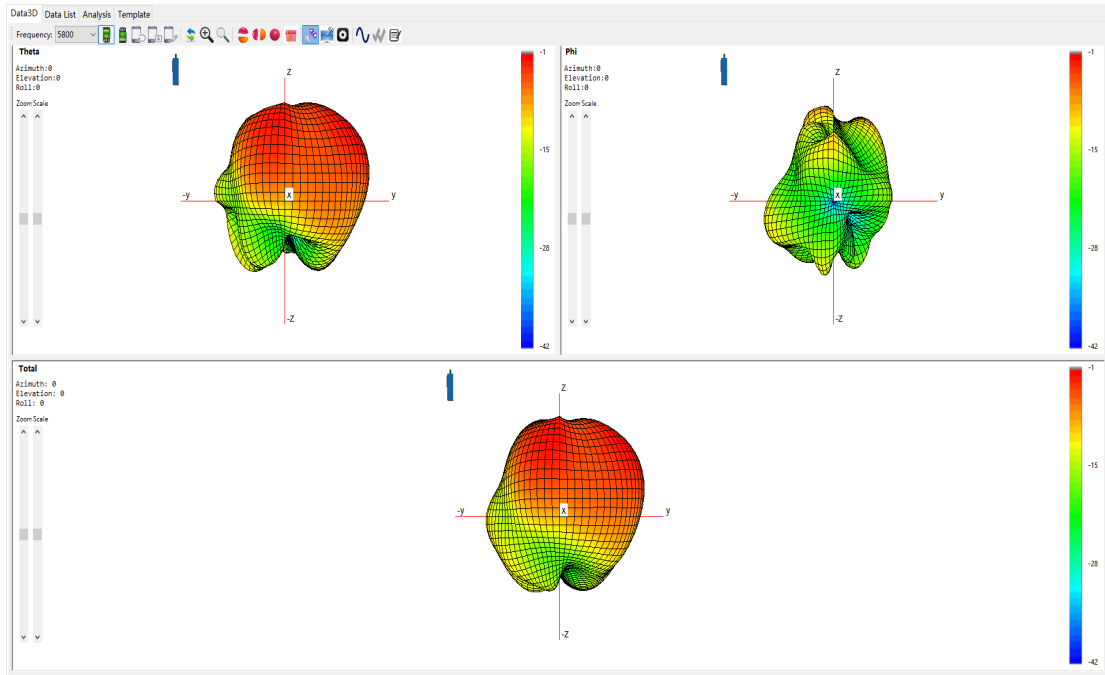
3D Radiation Pattern at 5100MHz Gain=-0.33dBi (Installed on metal surfaces)



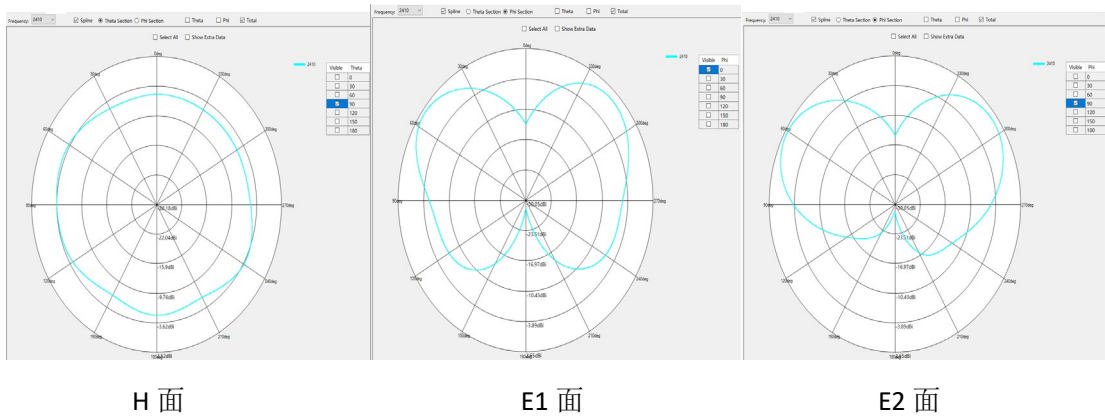
3D Radiation Pattern at 5500MHz Gain=-0.05dBi (Installed on metal surfaces)



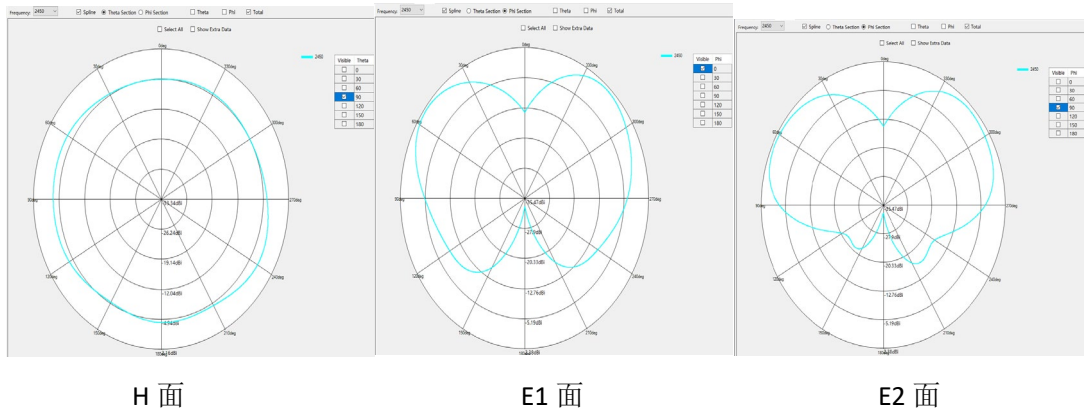
### 3D Radiation Pattern at 5800MHz Gain=-1.81dBi (Installed on metal surfaces)



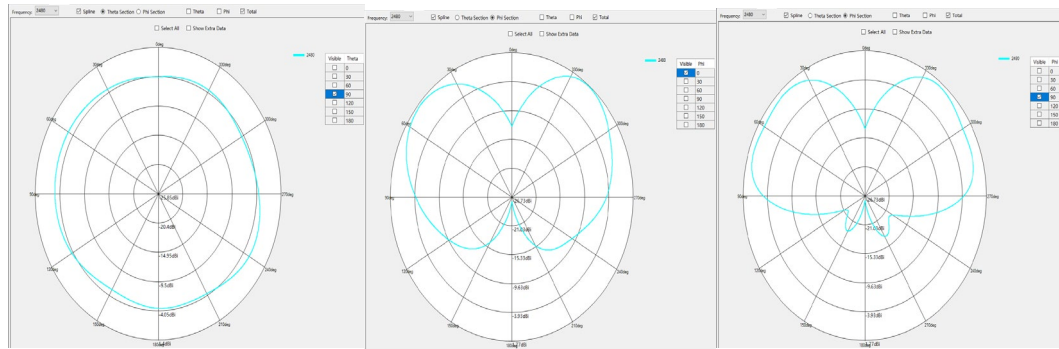
### 2D Radiation Pattern at 2410MHz Gain=2.52dBi (Installed on metal surfaces)



### 2D Radiation Pattern at 2450MHz Gain=2.15dBi (Installed on metal surfaces)



### 2D Radiation Pattern at 2480MHz Gain=1.4dBi (Installed on metal surfaces)

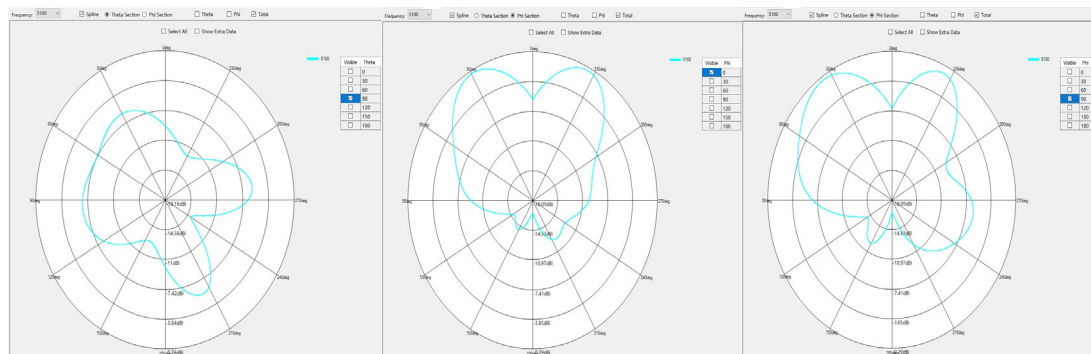


H 面

E1 面

E2 面

### 2D Radiation Pattern at 5100MHz Gain=-0.33dBi (Installed on metal surfaces)

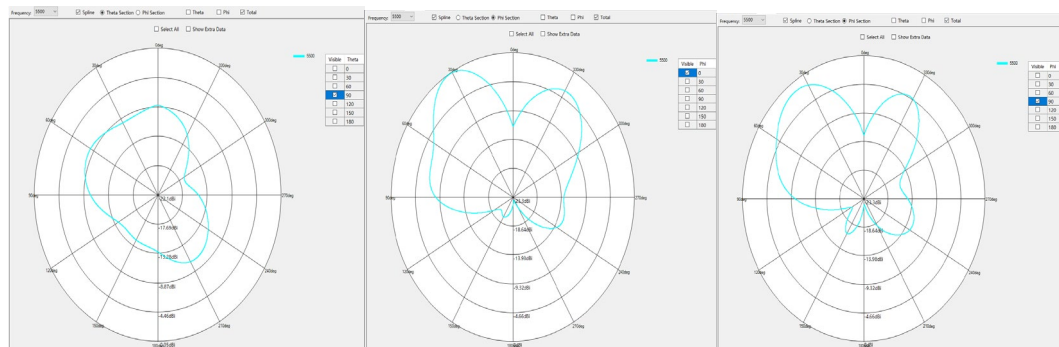


H 面

E1 面

E2 面

### 2D Radiation Pattern at 5500MHz Gain=-0.05dBi (Installed on metal surfaces)

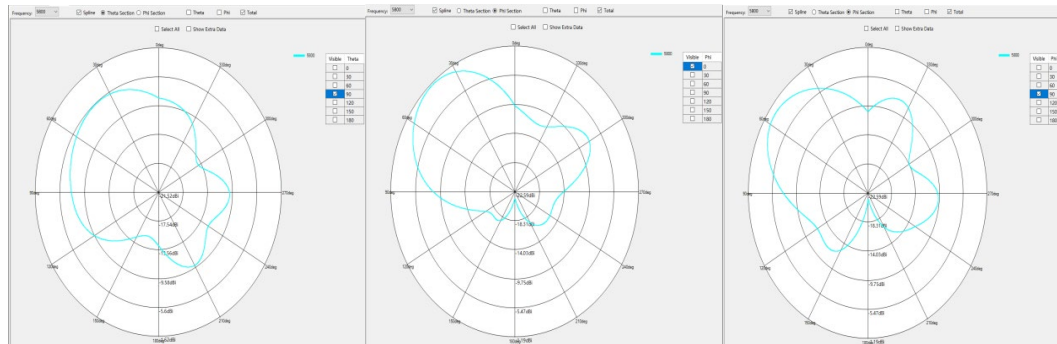


H 面

E1 面

E2 面

2D Radiation Pattern at 5800MHz Gain=-1.81dBi (Installed on metal surfaces)

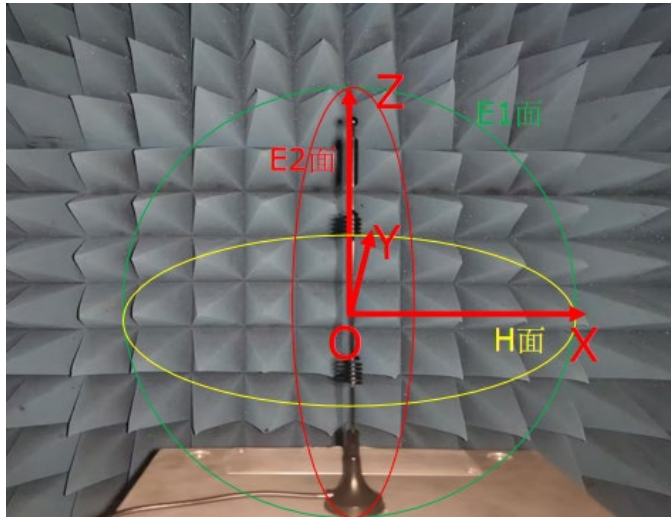


H 面

E1 面

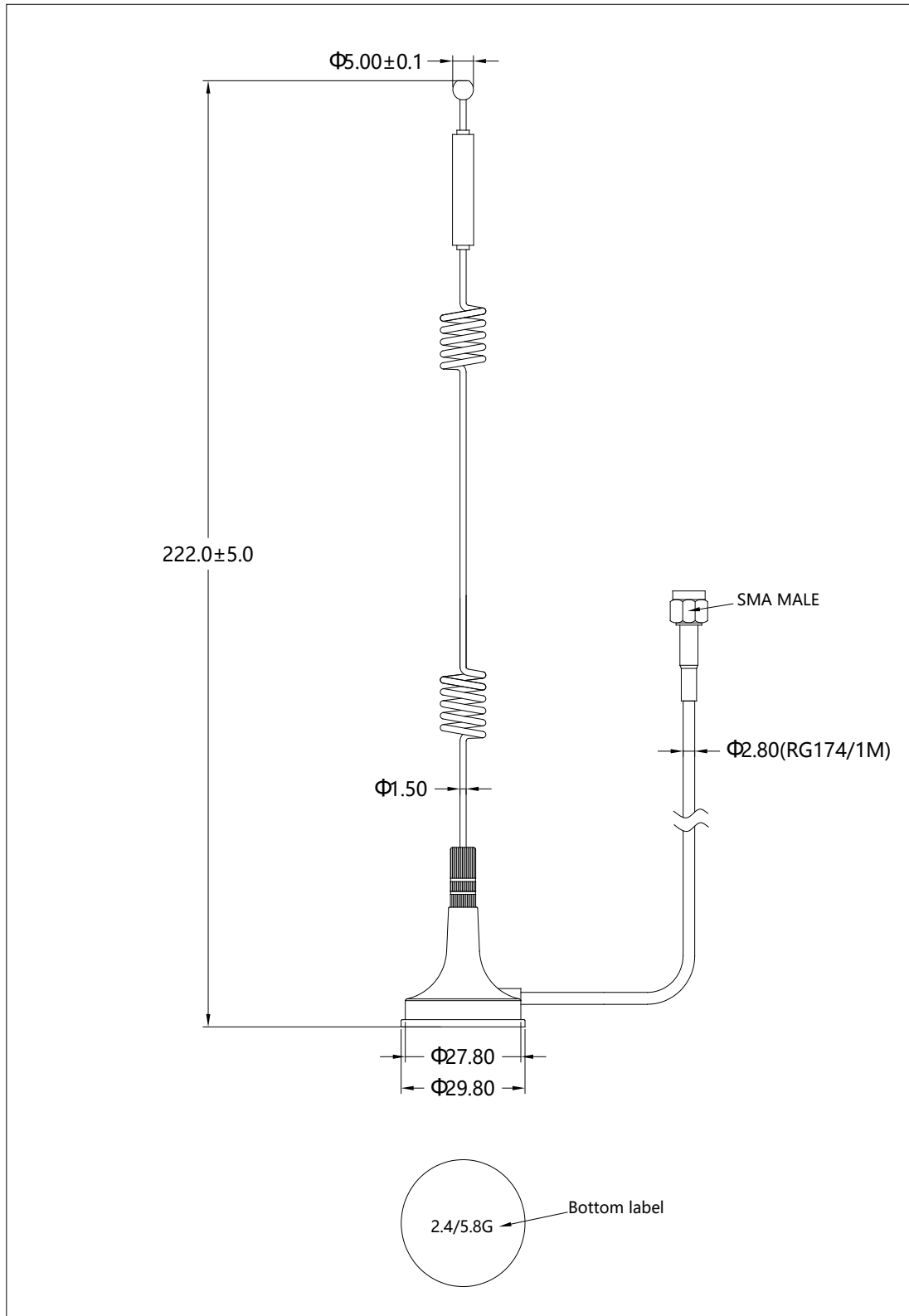
E2 面

COORDINATE MAP OF DARKROOM PLACEMENT



HOUSING CONFIGURATIONS





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