

470-510MHz 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
M04-0102900R0A	45.3g	Φ29.8*147.5mm	Φ2.8*3000mm	SMA MALE	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	470-510MHz
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 2.49@Metal surface
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	8517707090
USHSCODE	8517620010
UPC	

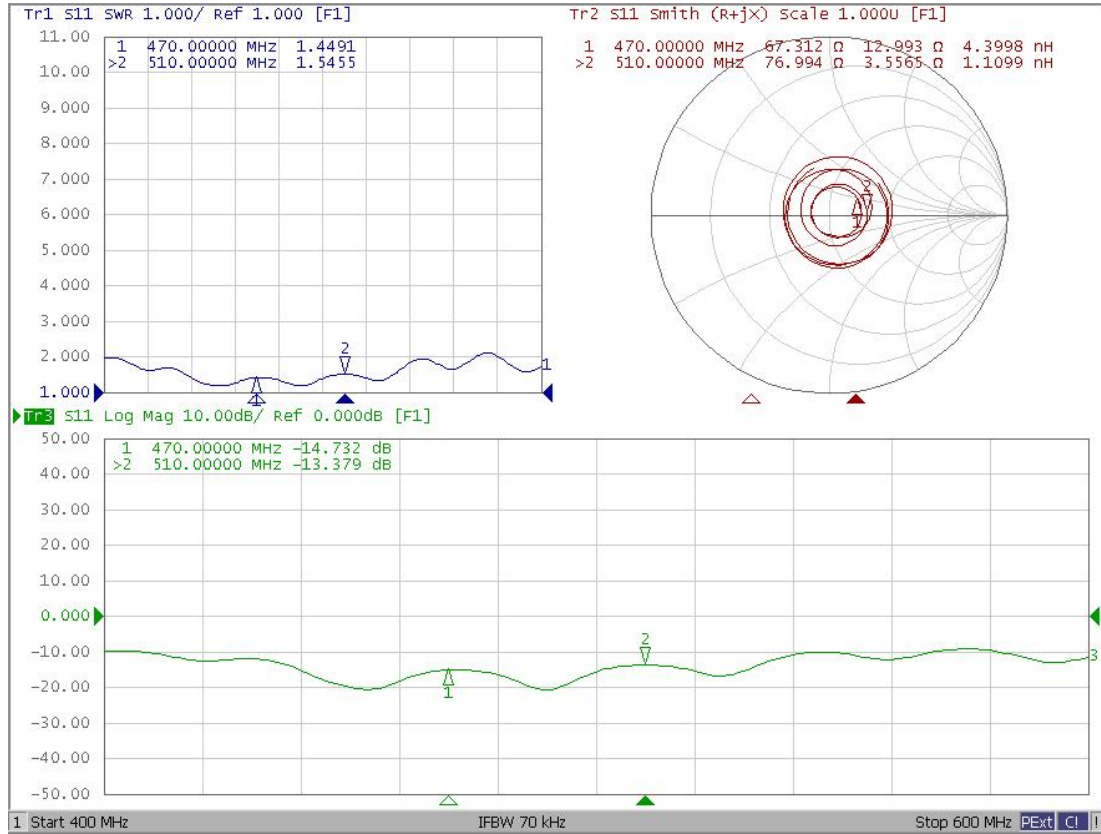
MyAntenna RF Technology Co., Ltd

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

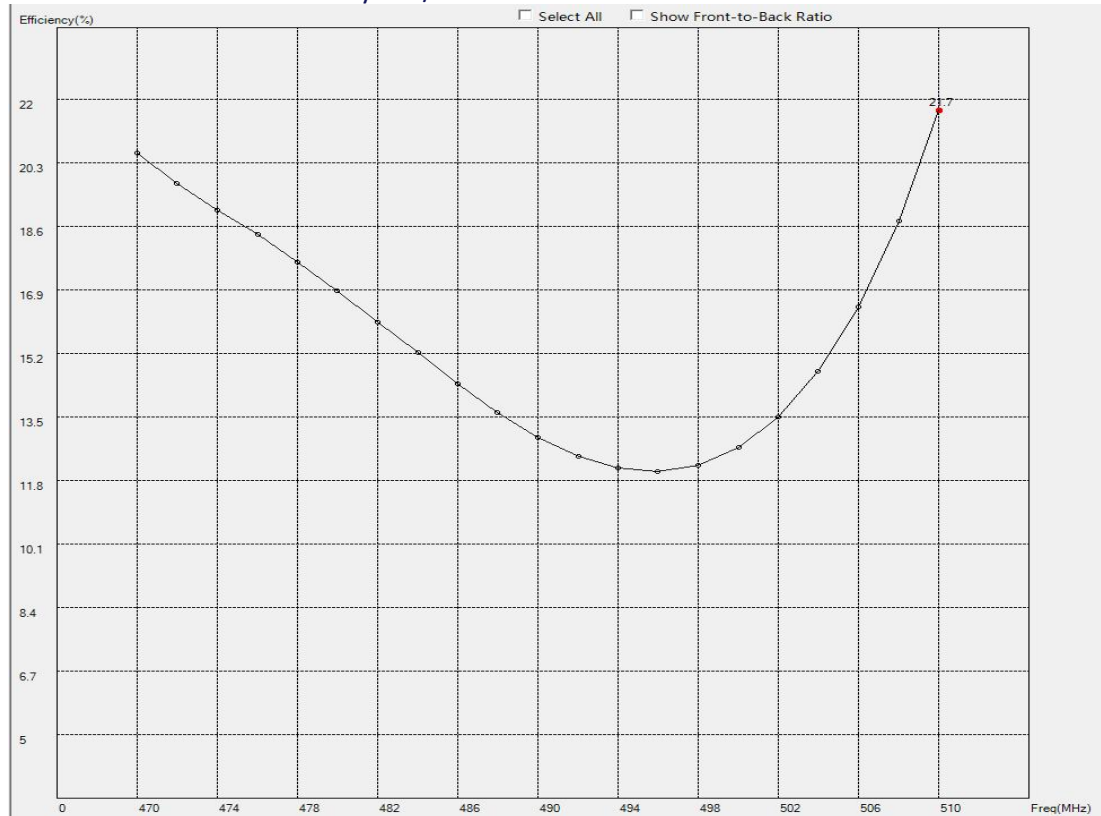
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

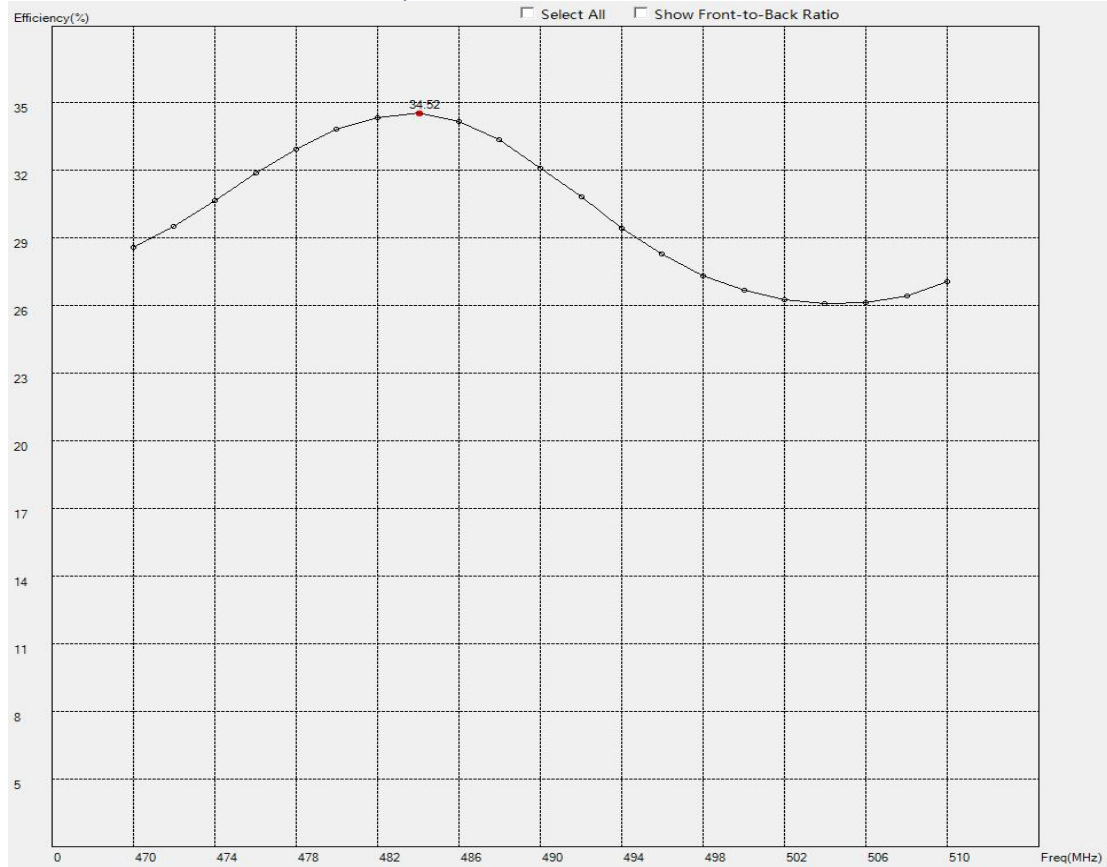
Return Loss



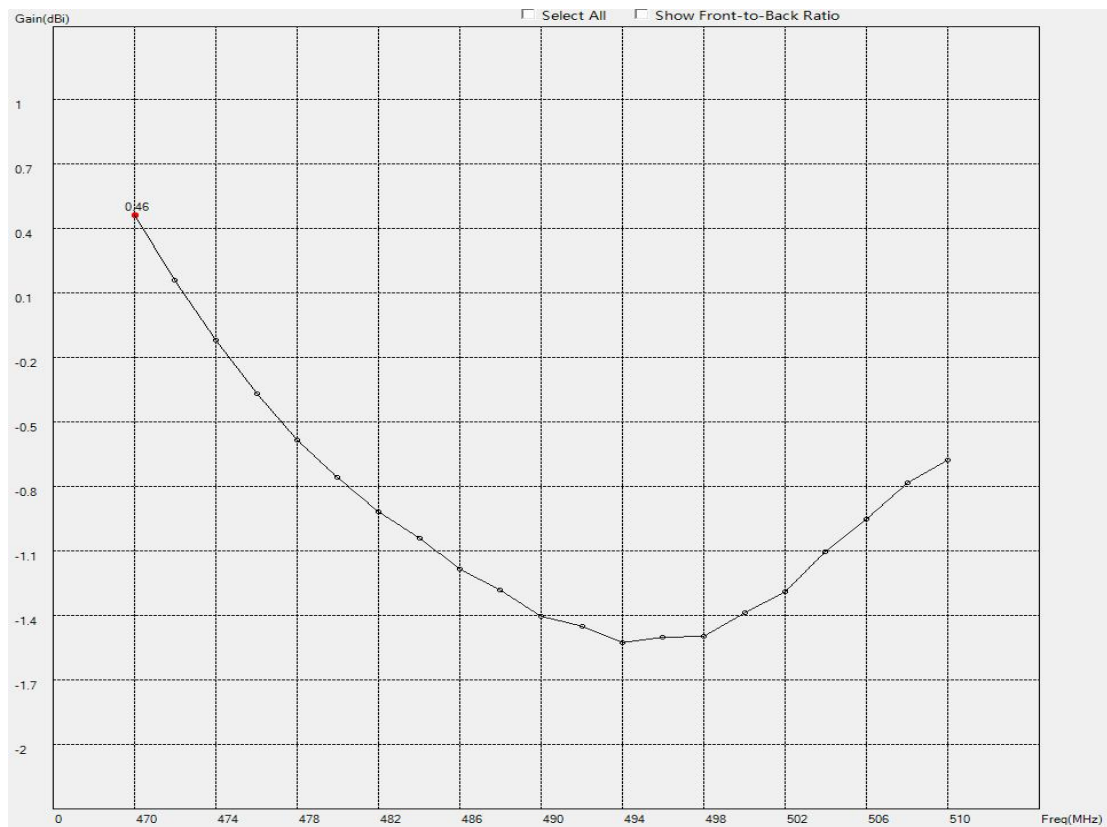
Efficiency (%/Installed on non-metallic surfaces)



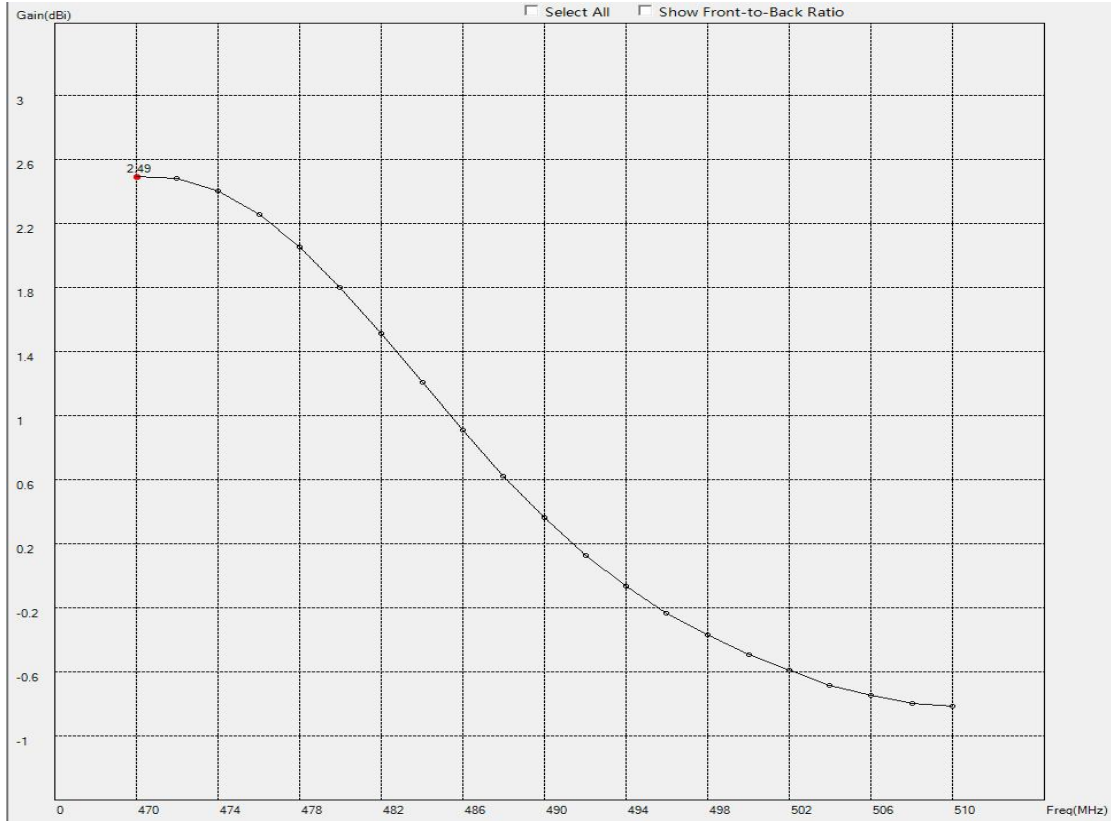
Efficiency (%/Installed on metal surfaces)



Peak Gain (dBi/Installed on non-metallic surfaces)

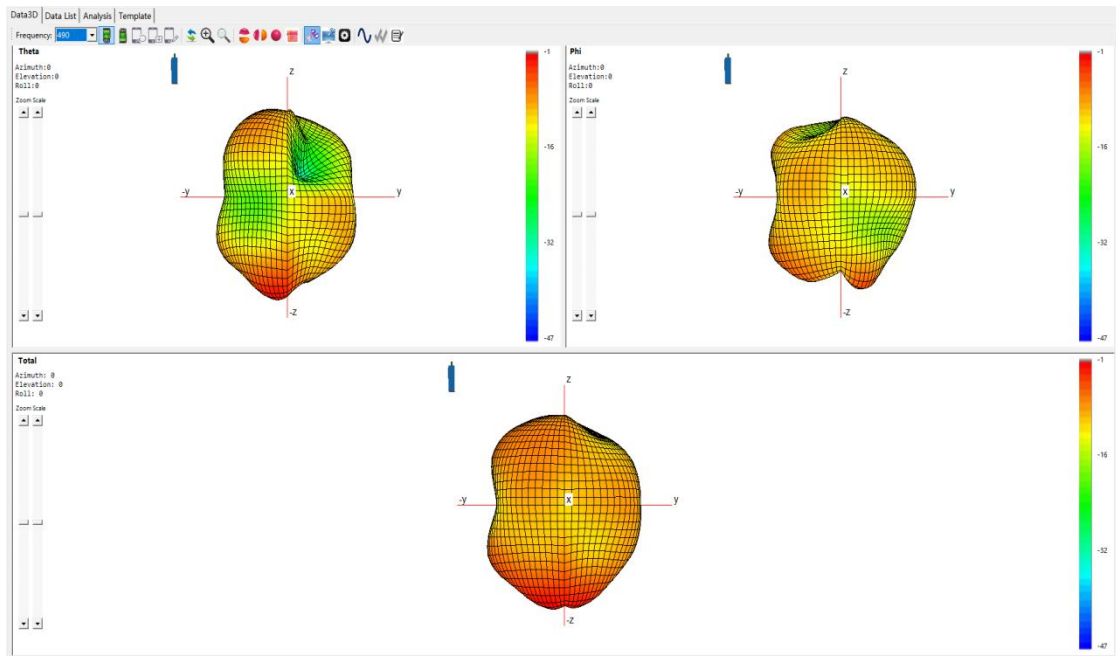


Peak Gain (dBi/Installed on metal surfaces)

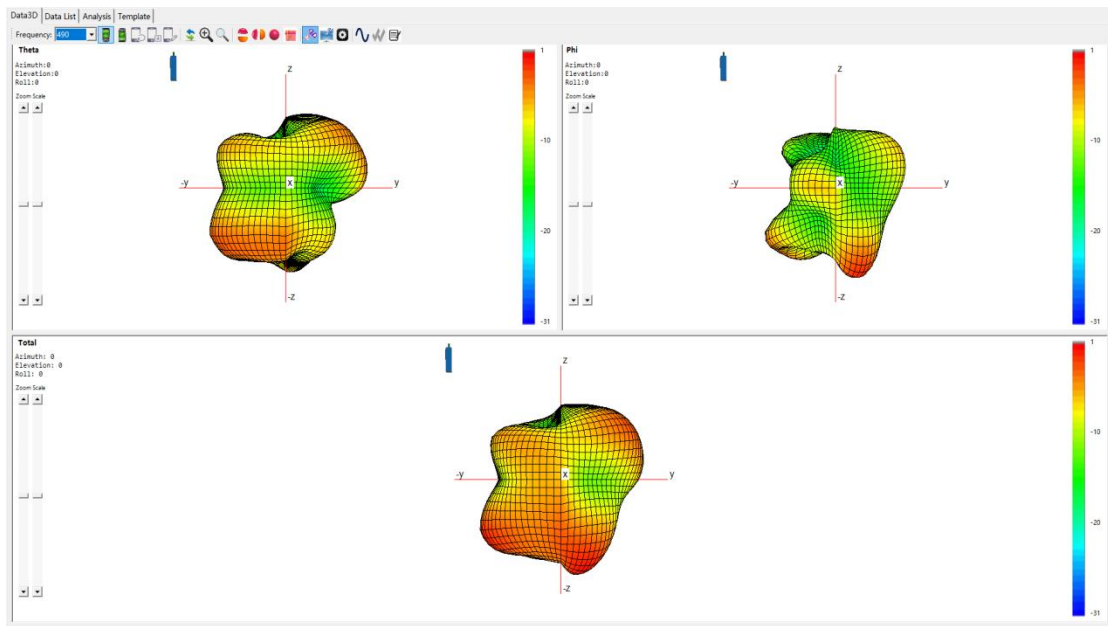


RADIATION PATTERNS

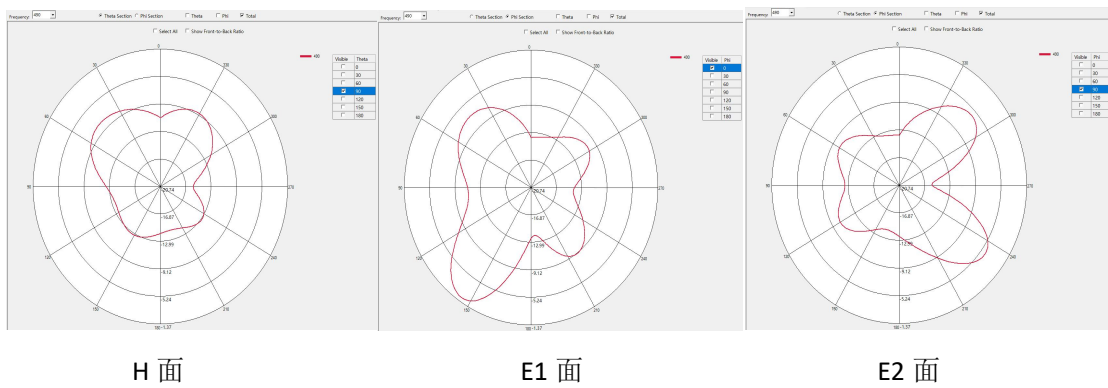
3D Radiation Pattern at 490MHz (Installed on non-metallic surfaces)



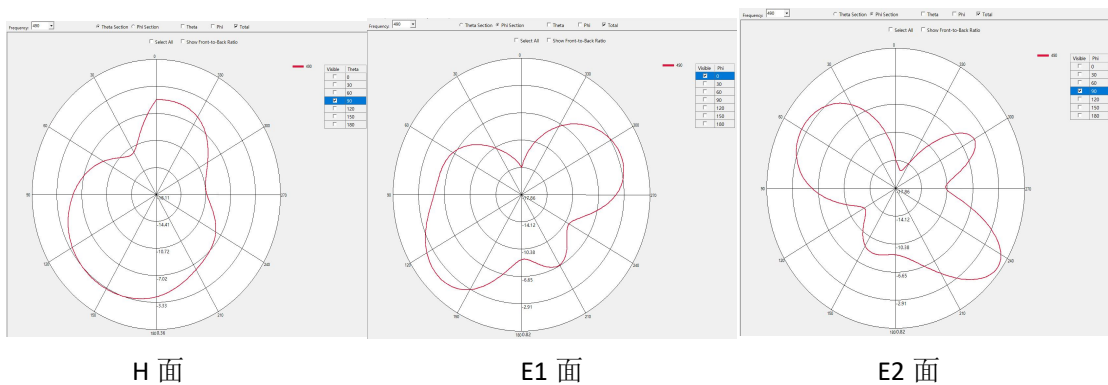
3D Radiation Pattern at 490MHz (Installed on metal surfaces)



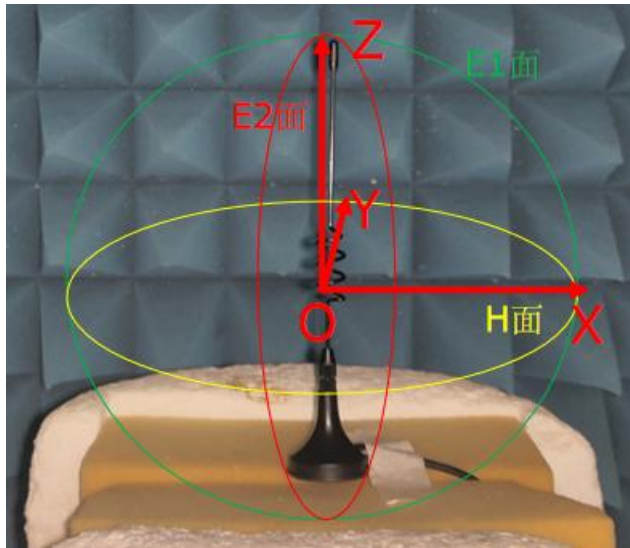
2D Radiation Pattern at 490MHz (Installed on non-metallic surfaces)



3D Radiation Pattern at 490MHz (Installed on metal surfaces)



COORDINATE MAP OF DARKROOM PLACEMENT



HOUSING CONFIGURATIONS

