



ANT Communication Technology (Shenzhen) Co., LTD.

Antenna Datasheet

Customer name : Xiao Xu

Project name : AW1021

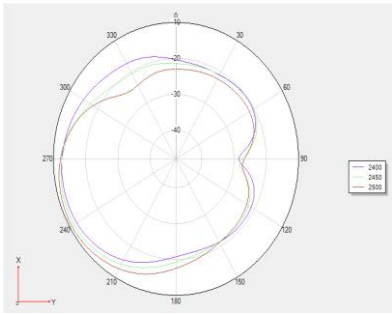
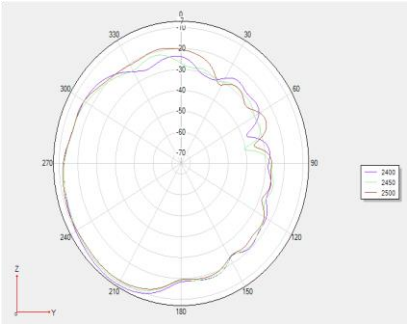
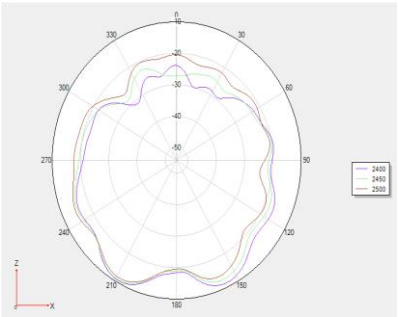
Datasheet version : RA

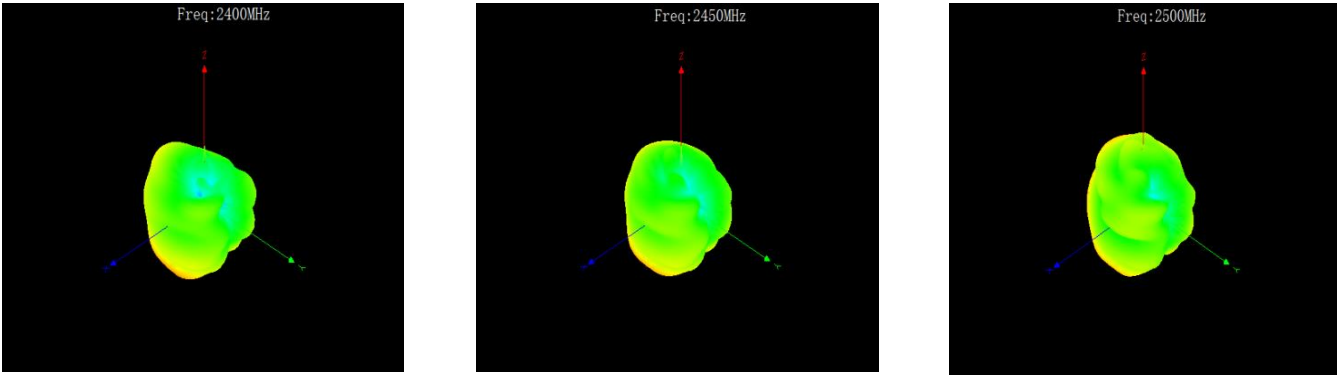
Material specifications :

一、Gian & Efficiency & Directional diagram (Wear arms)

BLE			
Frequency / MHz	Efficiency / %	Efficiency / dB	Gain/ dB
2400	-13.99	3.99	-8.06
2410	-14.16	3.84	-8.46
2420	-14.59	3.48	-8.37
2430	-14.29	3.72	-8.67
2440	-13.8	4.17	-7.66
2450	-14	3.98	-8.21
2460	-13.84	4.13	-7.59
2470	-14.19	3.81	-7.69
2480	-14.53	3.52	-7.08
2490	-14.1	3.89	-7.12
2500	-14.47	3.57	-8.01

2D/3D Directional diagram





二、Antenna parameters

Technical parameters	
Frequency range	2400-2500MHZ
Enter The impedance	50 Ω
VSWR	≤2.5
Max gain	-7.08dBi
Antenna form	Monopole
Environment parameters	
Operating temperature	-45℃--+85℃
Storage temperature	-45℃--+85℃

三、Test Equipment

Test Environment and Equipment

SATIMO-16

XH-24-5G

CUM GO

CMU RUN

Agilent 8960

R&S CMW500

Anritsu MT8820C

Agilent 5071C

StarPoint SP9500

Test system		Testing environment		Active		Passive	
SATIMO-16		Temperature 22℃±3℃ Humidity 50%±15%		2G/3G/4G/5G GPS/WIFI/BT		400M-8.5G	
XH-24							