



Etheta Communication Technology(Shenzhen)CO.,Lt

Customer : Thundercomm Technology Co., Ltd
Model : Rell-BT Antenna
Project Code : RD1202403NB87-1
Date : 2025/01/02

3rd Floor, Area B, Baisha Technology Industrial Park, No. 3011, Shahe West Road, Nanshan District, Shenzhen City

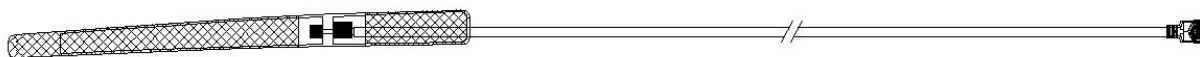
Telephone : 0755-2662 5028 FAX : 0755-2662 4118



Revision	Date	Change Notification	Description
R:A	2025. 01. 02	Original	

Specification parameters

Sample Photo



1. Electrical Characteristics

Frequency	2400-2500MHz
Gain	>-1 dbi
Polarization	vertical
Impedance	50 Ohm

2. Material & Mechanical Characteristics

Material of Radiator	FPC
Material of Plastic	FPC
Cable Type	OD0.81mm (Black)
Connector Type	Cable+Plug

3. Environmental

Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C
Antenna Color Storage life	< 2 year

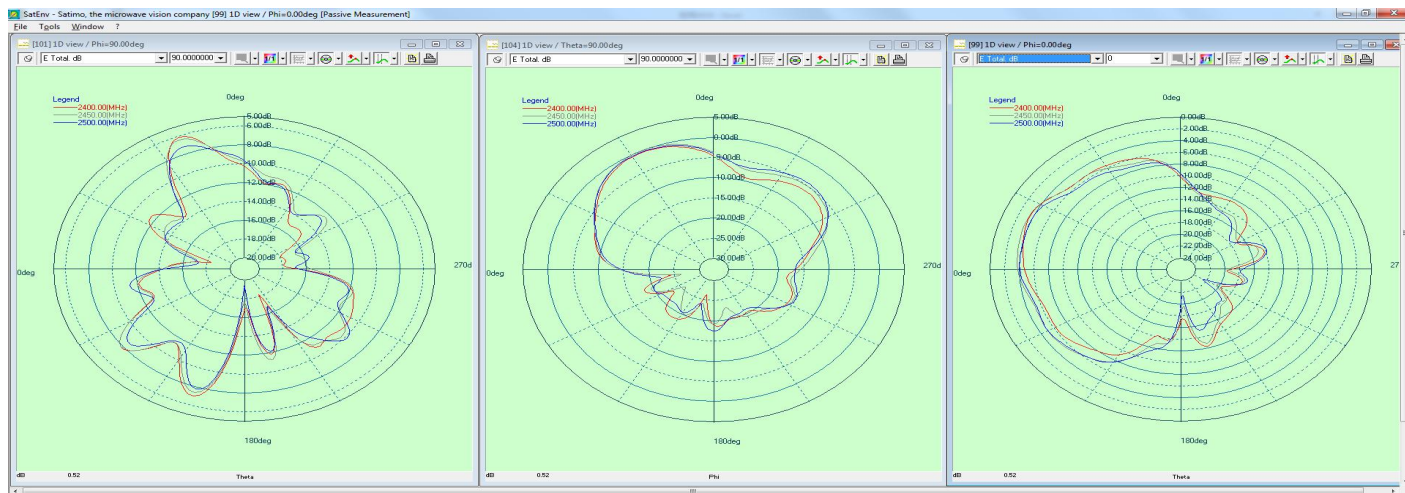
Performance data

Test Devices: SATIMO SG24

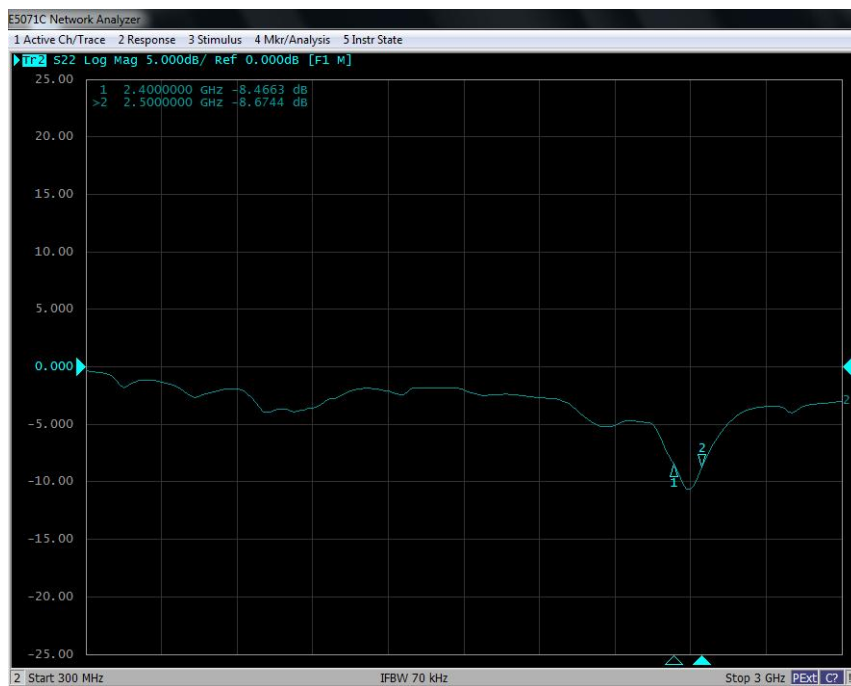
Antenna efficiency and gain:

f(MHz)	E (%)	E (DB)	Peak Gain
2400	12%	-9.33	-0.56
2410	12%	-9.14	-0.51
2420	14%	-8.61	0.02
2430	14%	-8.51	0.31
2440	14%	-8.66	0.16
2450	13%	-8.80	-0.13
2460	13%	-8.74	-0.15
2470	13%	-8.80	-0.20
2480	13%	-9.03	-0.49
2490	12%	-9.08	-0.60
2500	13%	-9.02	-0.46

2D Radiation Patterns:



Electrical Characteristics



Antenna Drawing

