

Production Name	Production Number	Version
2.4G Internal FPC Antenna	AF3212-2.4G-1I100-1.13	V1.0

1. Product Introduction:

- Delicate Appearance
- Small Size
- All Day Work
- Low Standing Wave, Anti-interference

2. Antenna Characteristics:

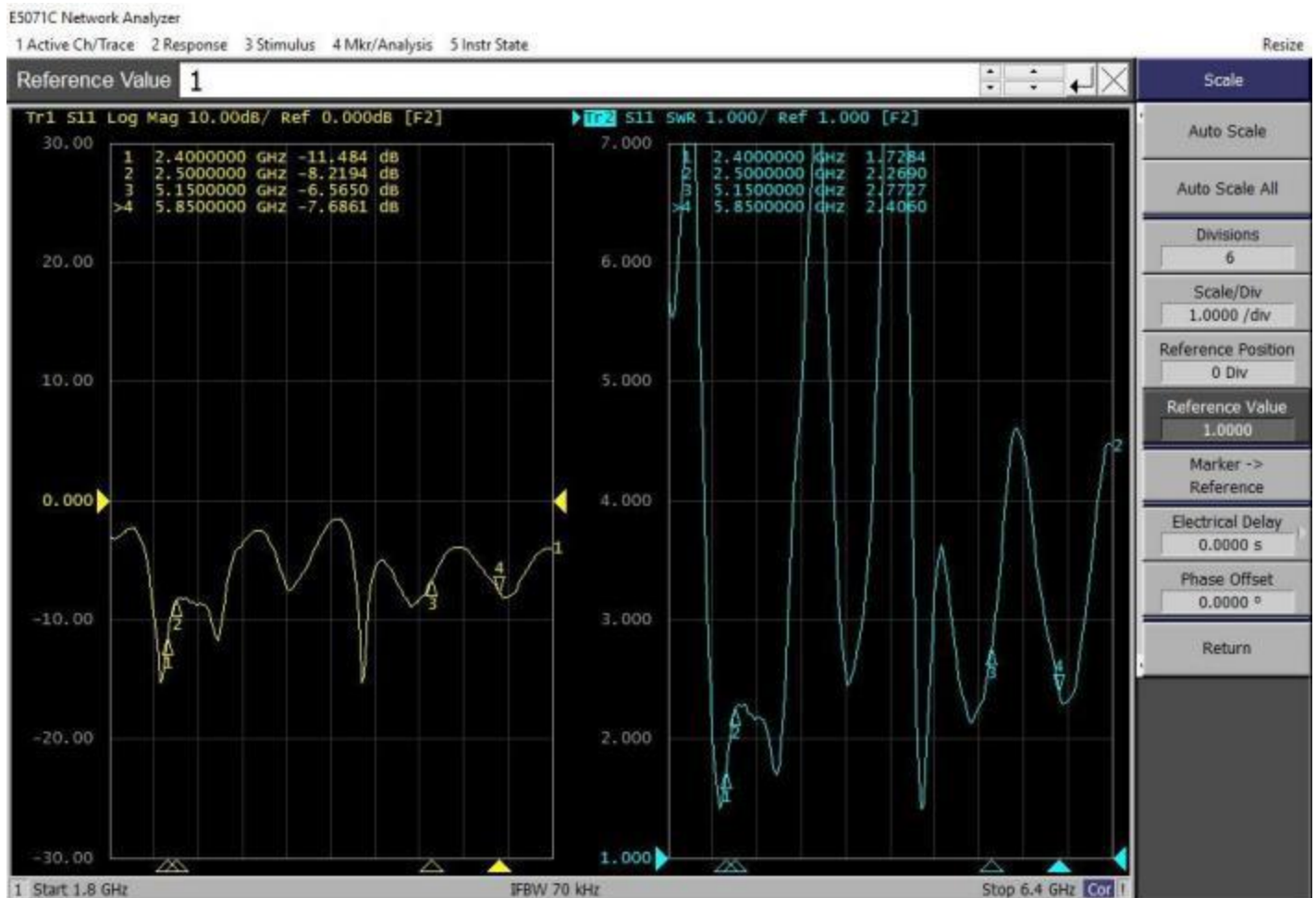
No.	Design Specifications	Typical
1	Antenna Form	2.4&5.8G Internal FPC Antenna
2	Working Frequency	2400-2500MHz、5150-5850MHz
3	Gain	4.53dBi(Mean value)、5.00dBi (Max Value) @2400-2500MHz、 1.81dBi(Mean value)、2.73dBi (Max Value) @5150-5850MHz
4	Antenna Efficiency	64.42%(Mean value)、66.20% (Max Value) @2400-2500MHz、 42.37%(Mean value)、45.80% (Max Value) @5150-5850MHz
5	V.S.W.R.	≤2.0
6	Polarization	Vertical
7	Radiation Pattern	OMNI
8	Impedance	50Ω
9	Power Capacity	3W

3. Mechanical Specifications:

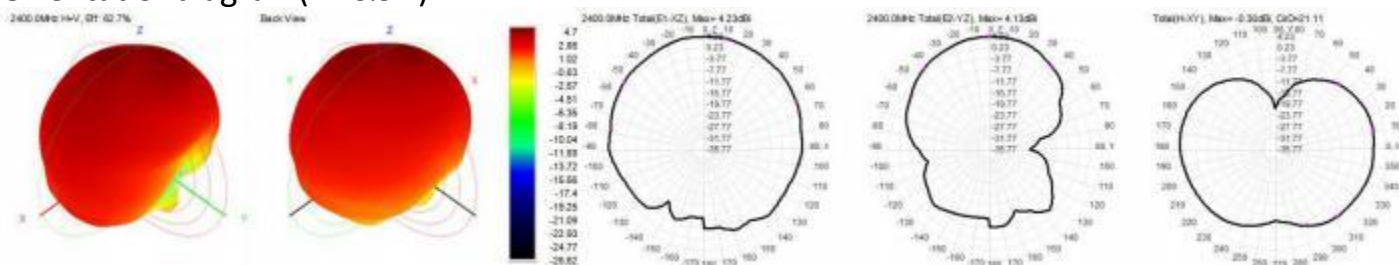
Size	32*12mm	Mounting	Screw
Weight	5g	Connector	IPEX
Color	/	Cable	RG1.13 -300mm

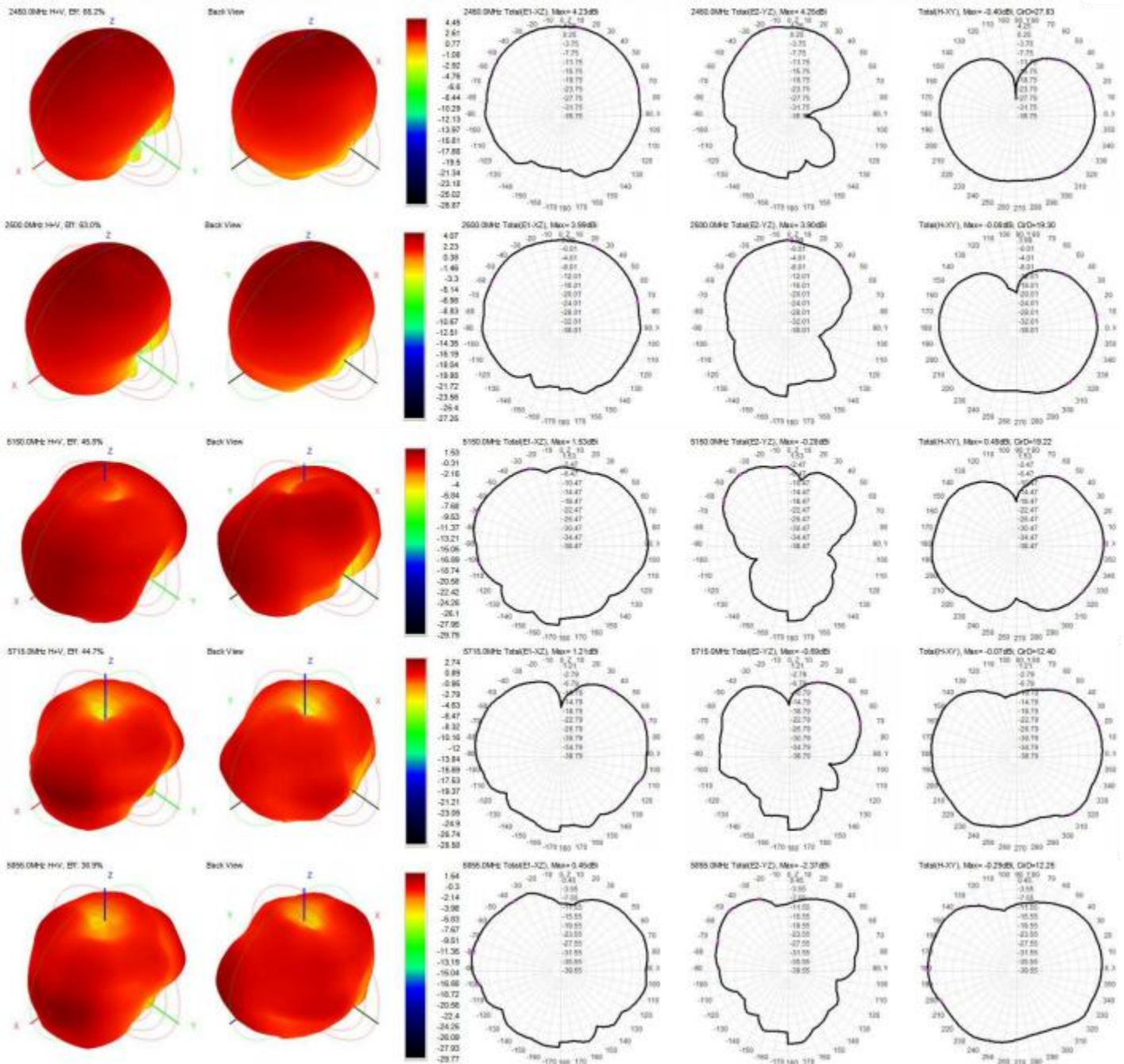
Operating Temp.	-40℃~85℃	Storing Temp.	-45℃~85℃
Operating Humidity	0%~95%	Storing Humidity	0%~95%

4.Test Data:

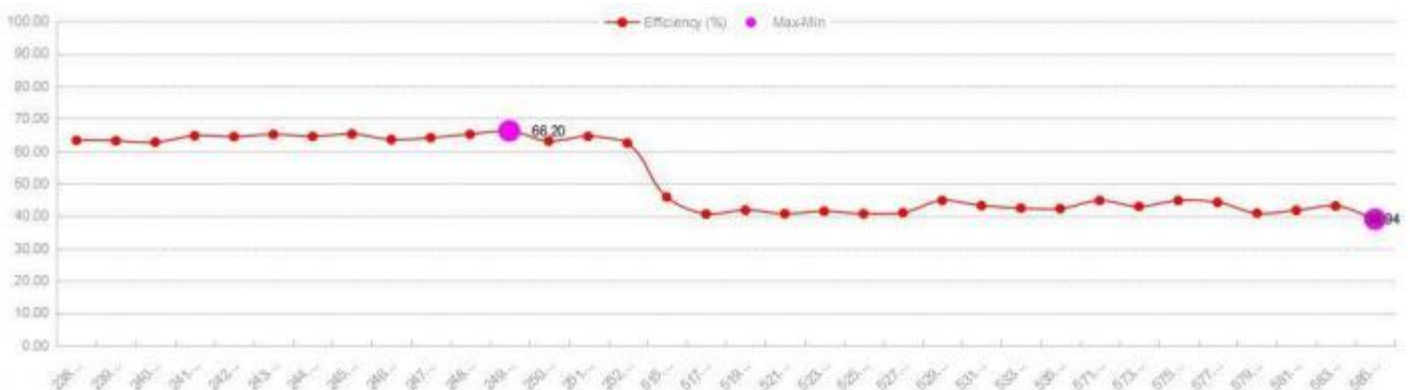


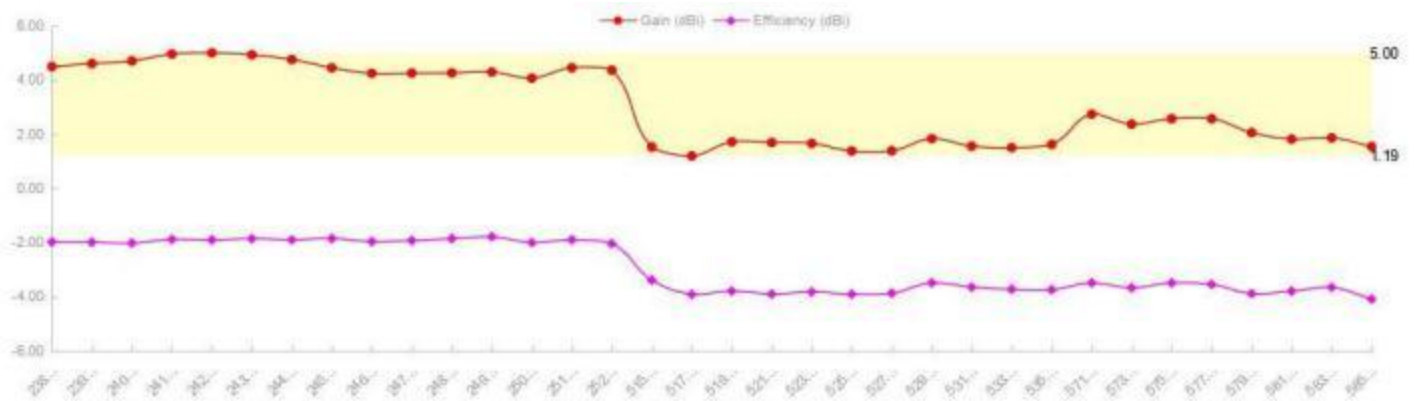
Orientation diagram(2D&3D):





Benefit chart:



GAIN Chart:


5.Actual product picture:

