

Product specification

Name of part	3MM silicone (Environmental Protection)	Unit	mm	Version	A1	No	
Skin material	Silicone	Inner core material	Copper Core	The third method		Page	Total 1 page
Color	Red	Establishment	LI XU HANG	Audit	LI XU HANG	Approved	LI XU HANG
Production department	Works Department	Date	2022-11-20	Date	2022-11-20	Date	2022-11-20
Serial number	Project	Testing standards	Testing methods and tools	Serial number	Project	Testing standards	Testing methods and tools
1	Appearance	Reference templates and common standards	General requirements within the standard	2	Color		
3	Size	Follow the numbers shown in the 2D diagram below	Calipers	4	Pull	The plug and wire should be able to withstand the pull force of $\geq 15N$ for 5 seconds	Pull gauge, pliers
5				6	Other		

24#Silicone wire11-0.16-1.6-33MM red,Single side flaking3MM,Environmental Protection



Notes:

- 1) 、 Material: Silicone/Copper
- 2) 、 Surface treatment
- 3) 、 Surface shall not have scratches, burrs, sharp points, etc.
- 4) 、 Tolerance dimensions are not specified: $\pm 0.5MM$

Product Specification

A. Electrical Characteristics **Frequency**

2400MHz ~2500MHz VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.6 19P Red

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System

Efficiency & Gain

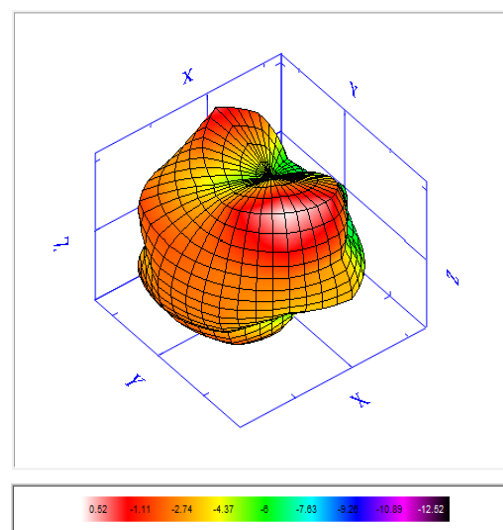
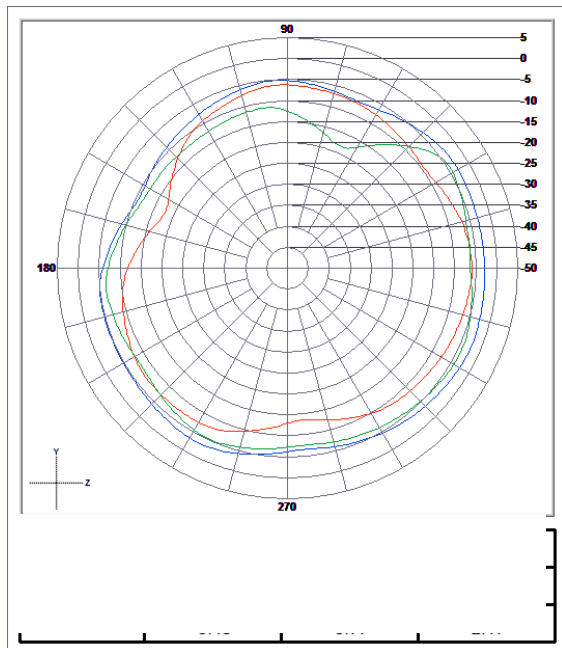
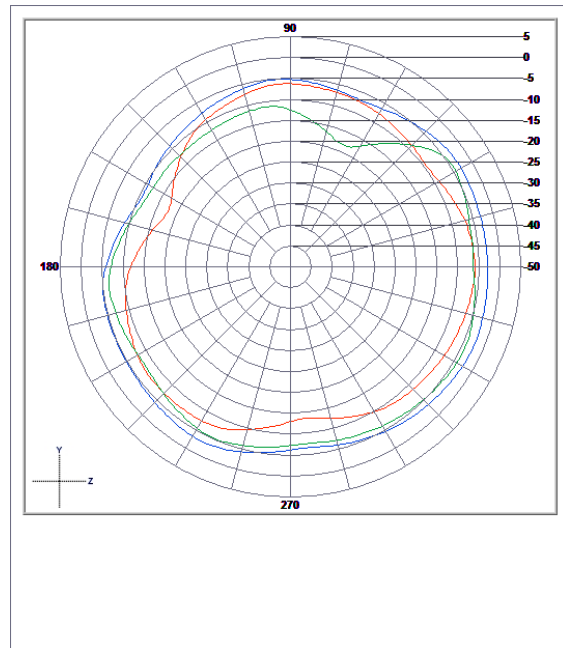
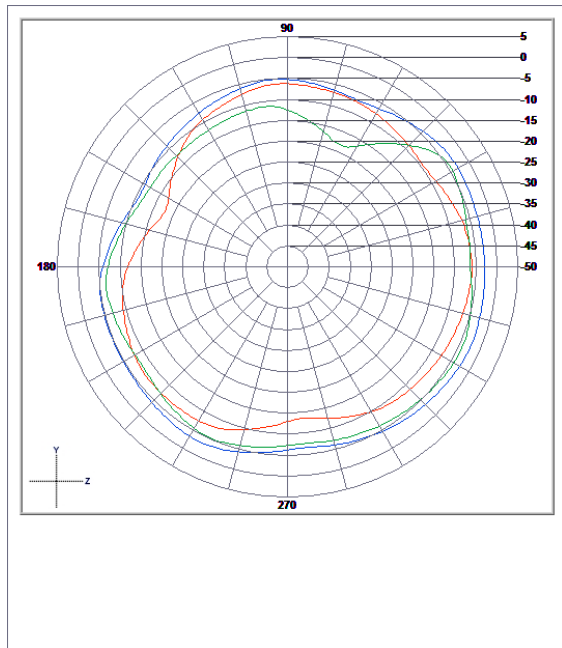
Efficiency & Gain

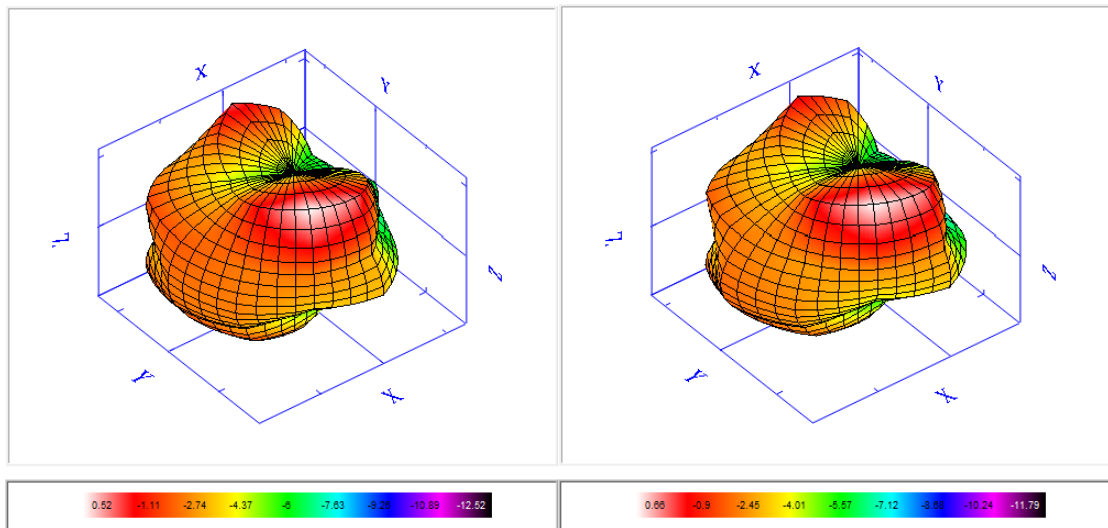
2.40 0.00 dBi

2.440 0.00 dBi

2.48 0.00 dBi

Radiation Pattern:





Manufacturer: HANNUOWEI TOYS FACTORY