

# MOYA ELECTRONIC TECHNOLOGY CO., LTD

## ANTENNA PRODUCT SPECIFICATION

**Customer:** 中信博 Arctech Solar

**Vendor:** MOYA

**Frequency Rang (MHz) :** 2400MHz

**Antenna Name:** MO-2400G1-2.5

**Issue Date:** 2022-9-2

[www.moyatech.cn](http://www.moyatech.cn)

MOYA has possession of proprietary information provided in this report and this proprietary information shall be kept in strict confidence and not disclosed to any person or firm without the prior written consent of MOYA Communication Technology.

**CATALOGUE**

<b>CONTENT</b>	<b>PAGINATION</b>
<b>01. COVER</b>	<b>1</b>
<b>02. CATALOGUE</b>	<b>2</b>
<b>03. PRODUCT TECHNICAL SPECIFICATION /PICTURE</b>	<b>3</b>
<b>04. STATIONARY WAVE PATTERN</b>	<b>4-5</b>
<b>05. CPK REPORT</b>	<b>6</b>
<b>06. PRODUCT SPECIFICATION DRAWING</b>	<b>7</b>

[\*\*www.moyatech.cn\*\*](http://www.moyatech.cn)

MOYA has possession of proprietary information provided in this report and this proprietary information shall be kept in strict confidence and not disclosed to any person or firm without the prior written consent of MOYA Communication Technology.

## 1. PRODUCT TECHNICAL SPECIFICATION

Antenna Name	MO2400G1-2.5
<b>Main Electrical Specifications</b>	
Frequency Range (MHz)	2400-2500MHz
V.S.W.R	2400≤2.0; 2450≤2.0; 2500≤2.0;
Impedance (Ω)	50 Ω
Polarization	Vertical Polarization
<b>Main Structure Specifications</b>	
Size (mm)	Ø67.8×269
Length	RG50-3/2500mm (Anti-UV)
Connector Type	SMA
Color	Black (Anti-UV)

## 2. PRODUCT PICTURE

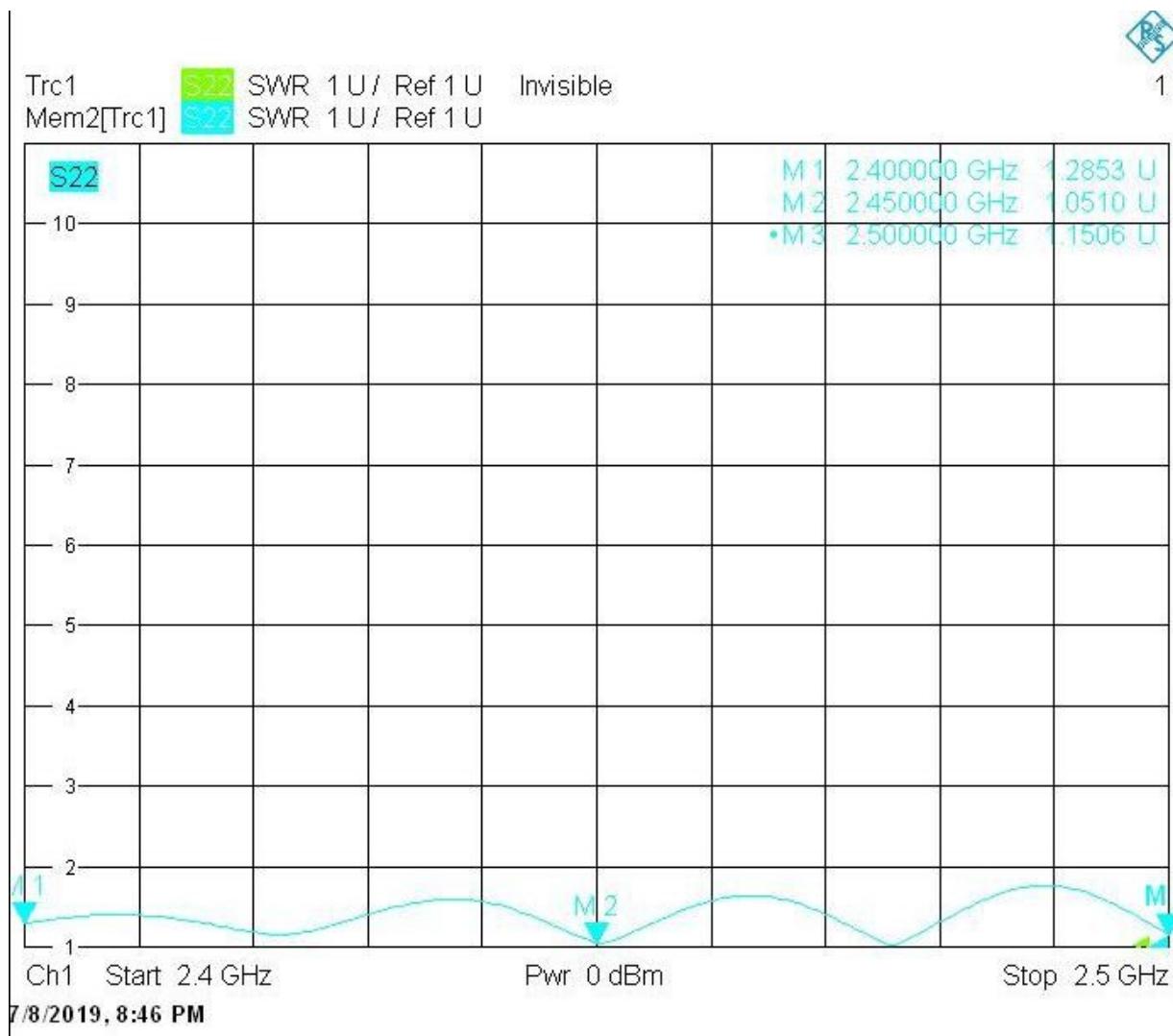


[www.moyatech.cn](http://www.moyatech.cn)

MOYA has possession of proprietary information provided in this report and this proprietary information shall be kept in strict confidence and not disclosed to any person or firm without the prior written consent of MOYA Communication Technology.

### 3. STATIONARY WAVE PATTERN

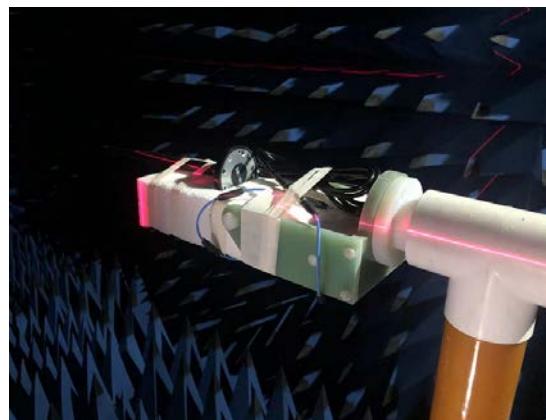
#### SWR



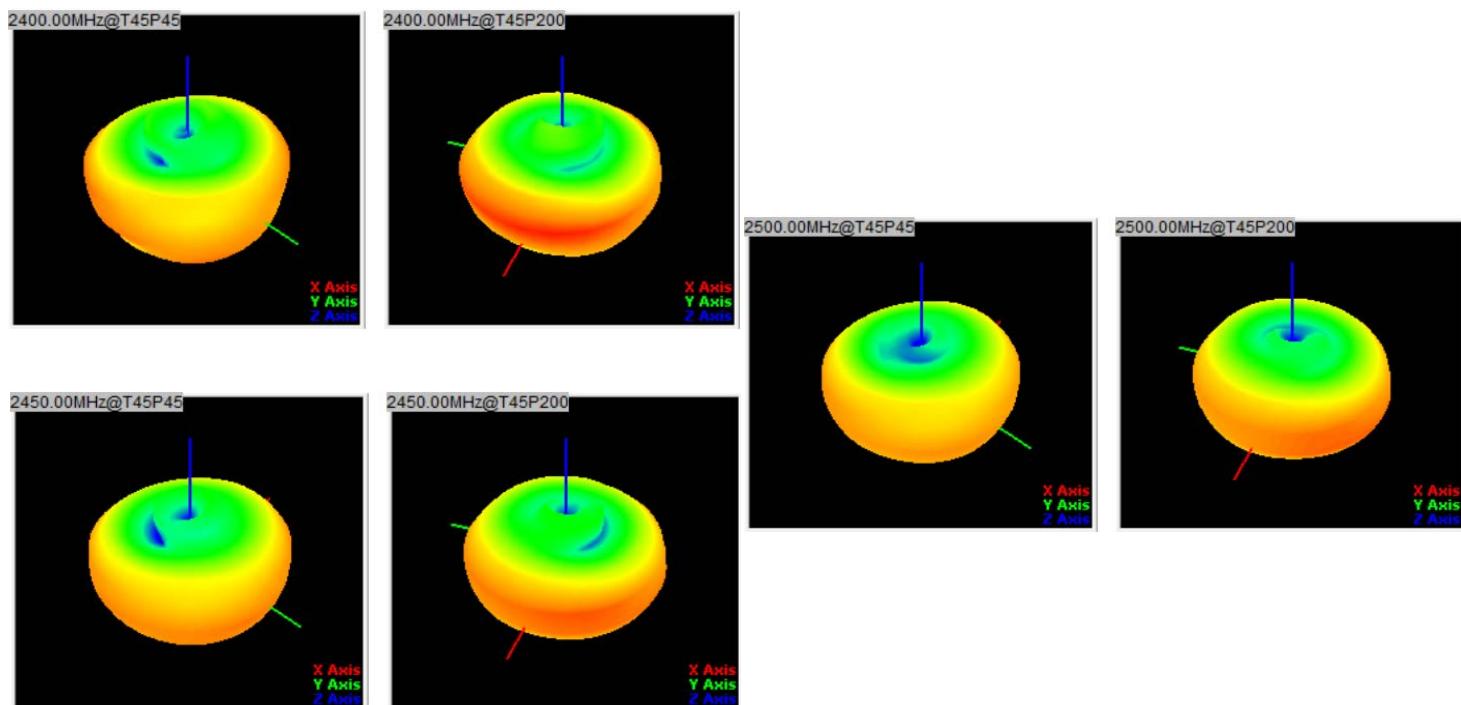
**Gain, efficiency, radiation direction, test:**

[www.moyatech.cn](http://www.moyatech.cn)

MOYA has possession of proprietary information provided in this report and this proprietary information shall be kept in strict confidence and not disclosed to any person or firm without the prior written consent of MOYA Communication Technology.



Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	2.68	2.89	2.93	2.95	2.98	3.00	3.00	2.94	2.93	2.98	2.59



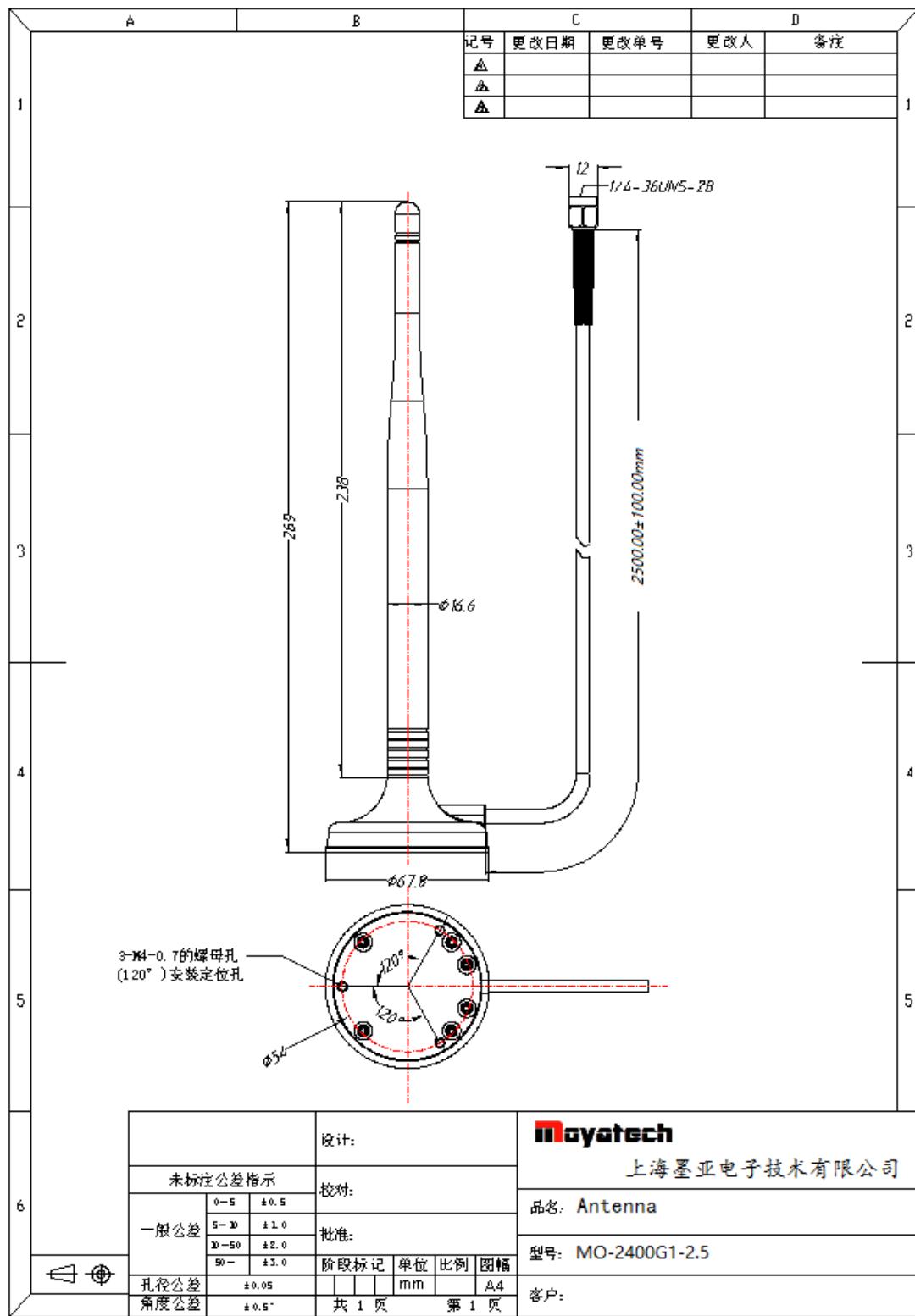
#### 4、CPK REPORT

MOYA CPK REPORT (A/0)										
Vendor		MOYA			Material Name	MO-2400G1-2.5		Drawing No.	100001056	
Project					Test Environment	10-30°C		Description	A/0	
Product Name		Sucker Antenna			Tester	Bin Wang		Mould Date		
Part No.		MO2400G1-2.5			Date	2022-09-02		Test Mold Date		
Measure					Sample			Test Result		
Dim. Designator	Performance	Nominal	+ Tolerance	- Tolerance	1	2	3	Determine	Reviewer Comment	Tooling
1	General	2500	100	100	2522	2515	2519	OK	Qualified	Tape measure
2	Critical	§ 67.8	1.0	1.0	§ 67.8	§ 67.9	§ 67.9	OK	Qualified	Calipers
3	General	269	5	5	269	269	269	OK	Qualified	Straightedge

[www.moyatech.cn](http://www.moyatech.cn)

MOYA has possession of proprietary information provided in this report and this proprietary information shall be kept in strict confidence and not disclosed to any person or firm without the prior written consent of MOYA Communication Technology.

## 5. PRODUCT SPECIFICATION DRAWING


[www.moyatech.cn](http://www.moyatech.cn)

MOYA has possession of proprietary information provided in this report and this proprietary information shall be kept in strict confidence and not disclosed to any person or firm without the prior written consent of MOYA Communication Technology.