

CW-NZ-0254

800-40000MHz Directional Antenna

Key Features

Frequency: 800-40000MHz

SMA Female Connector

Dimensions: 117.5*109*0.8mm

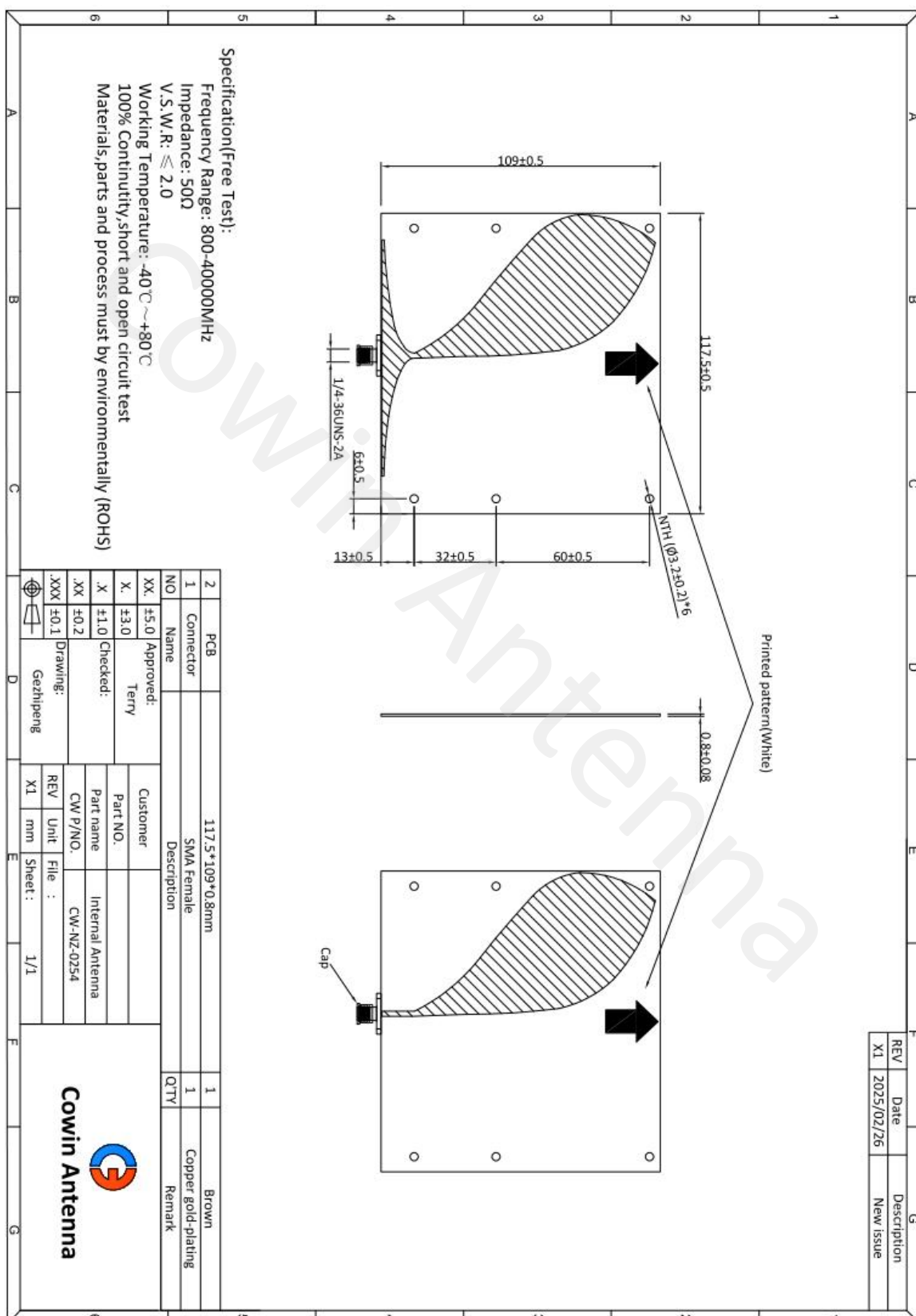


1. Antenna Electrical Characteristics

Band (MHz)	
Frequency (MHz)	800-40000
VSWR	≤2.0
Efficiency (%)	/
Peak Gain (dBi)	11.90
Impedance (Ohm)	50
Polarisation	Vertical
Max. Input Power (W)	10

2. Material and environmental characteristics

External Structure	N/A
Inner Structure	PCB
Cable Type	/
Connector Type	SMA Female
Dimensions (mm)	117.5*109*0.8
Antenna Colour	Brown
Operation Temperature	-40℃ to +80℃
Storage Temperature	-40℃ to +80℃
Antenna Storage life(year)	10
Substance Compliance	ROHS



4. Antenna test parameters

Antenna Measurement Conditions:

Mounted on Ground Plane of 280 x 80 mm

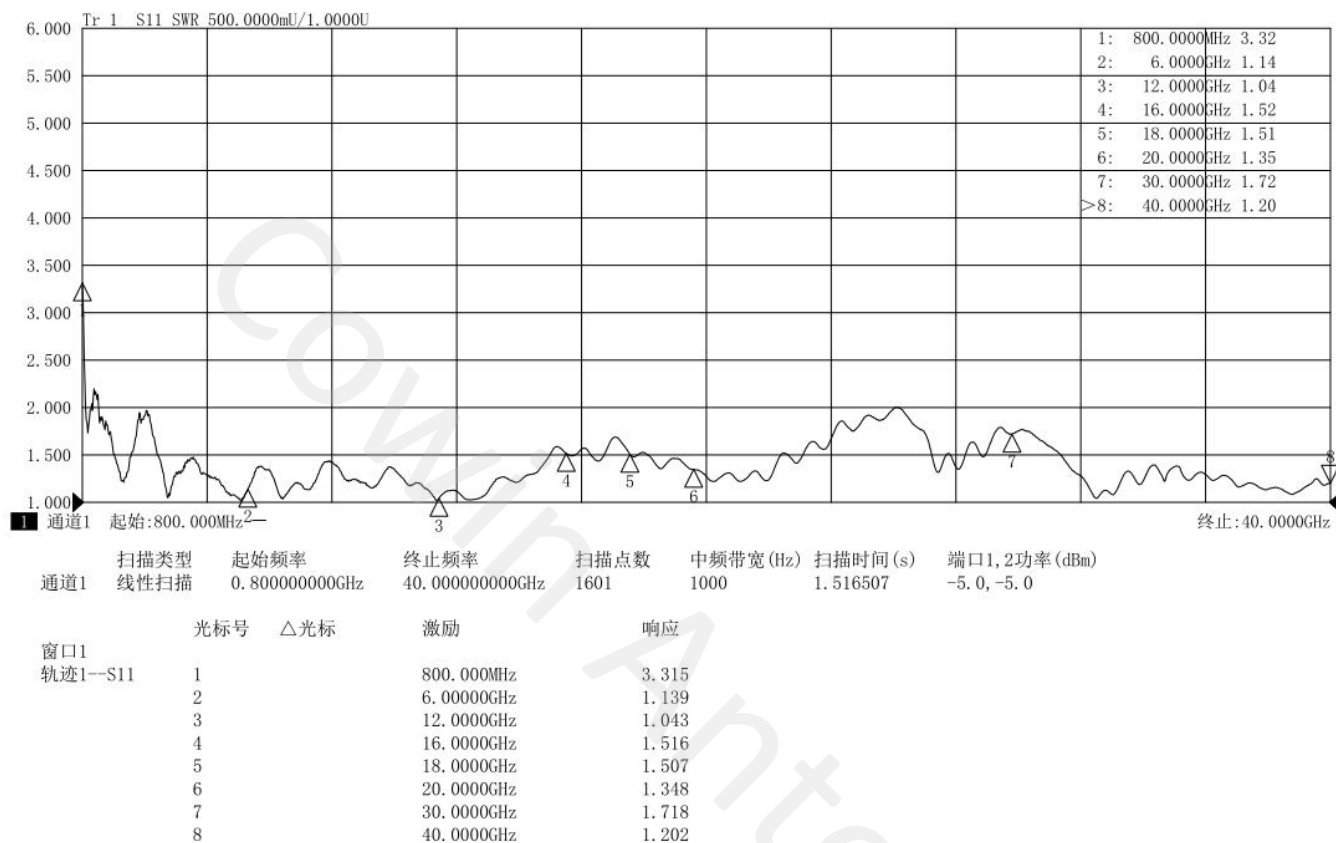
Measured in Certified 3D Anechoic Chamber

The network analyzer is Agilent 5071c

The comprehensive tester is Agilent cmv500



4.1 VSWR



4.2 Data summary

Frequency ID	Frequency (MHz)	Gain (dBi)
1	1000	1.78
2	5000	8.58
3	10000	9.46
4	18000	11.1
5	20000	11.9

4.3 2D Radiation Patterns

