Product Datasheet

CW-WZ-0121

868/915MHZ External Antenna

Key Features

Frequency: 868/915MHZ

SMA Male Connector

External Rubber

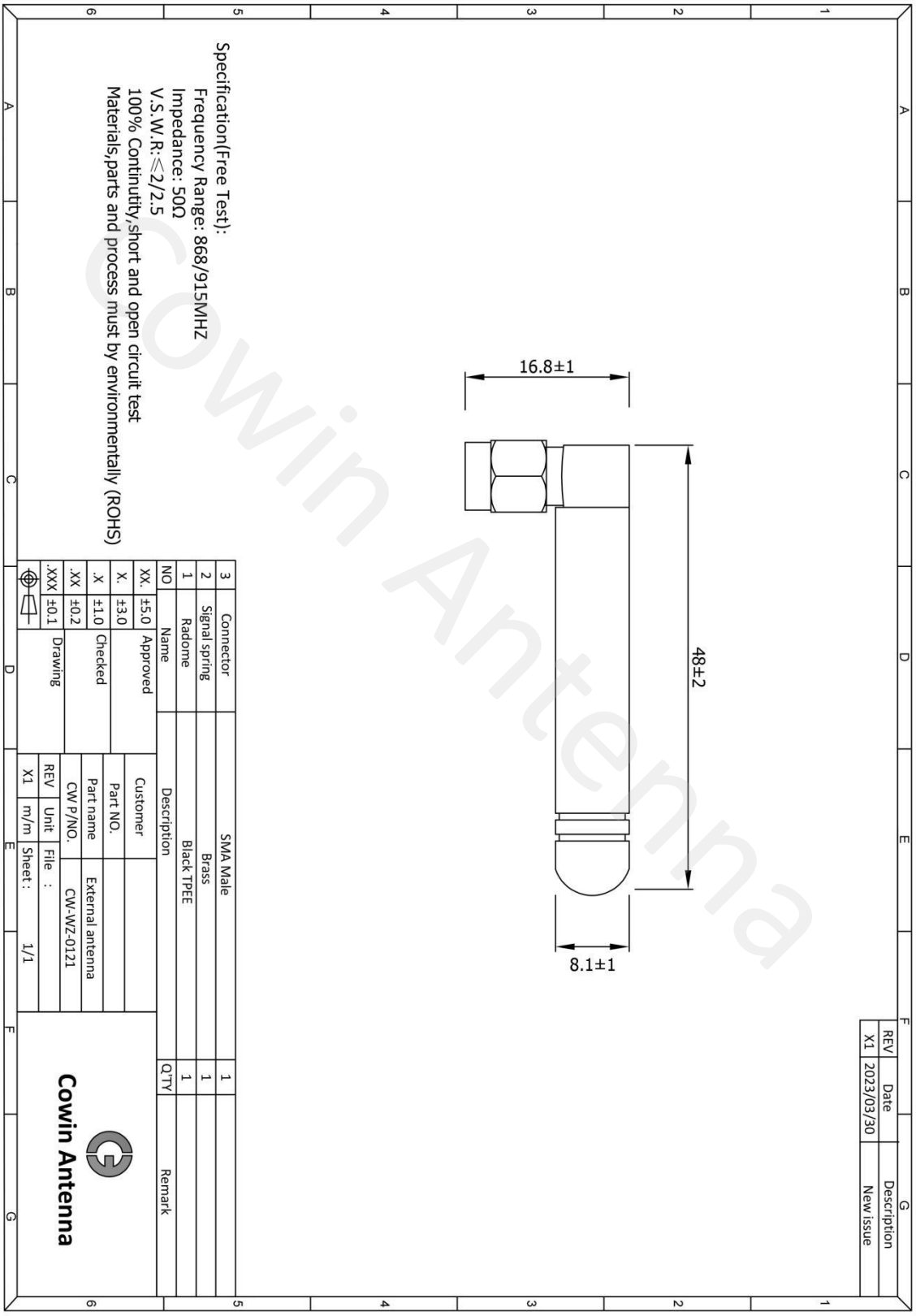
Dimensions 50 mm

1. Antenna Electrical Characteristics

Band (MHz)	
Frequency (MHz)	868/915MHZ
VSWR	2.5
Efficiency (%)	54.35%
Peak Gain (dBi)	2.3
Impendance (Ohm)	50
Polarisation	Vertical
Max. Input Power (W)	10

2. Material and environmental characteristics

Inner structure	Spring
Material of Plastic	TPEE
Cable Type	N/A
Connector Type	SMA Male
Dimensions (mm)	50MM
Antenna color	Black
Operation Temperature	-40 to +80
Storage Temperature	-40 to +80
Antenna Storage life(year)	10
Substance Compliance	ROHS



4. Antenna test parameters

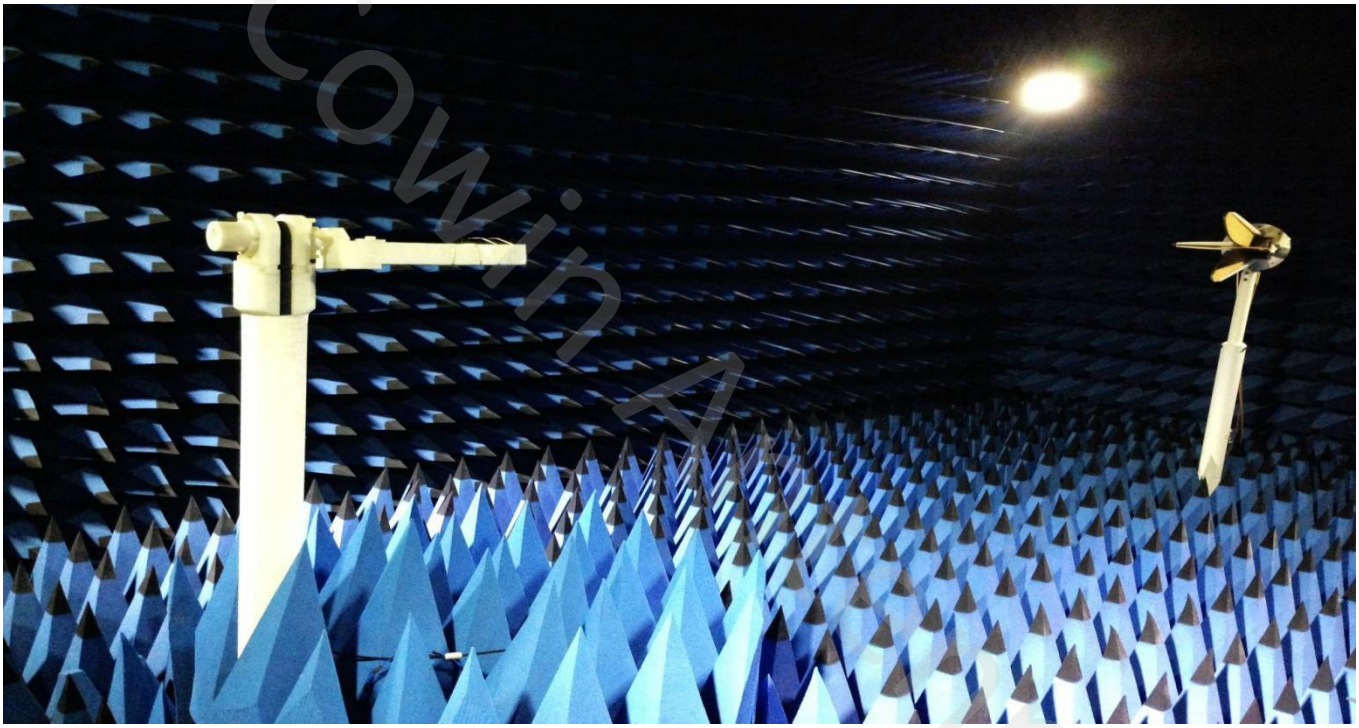
Antenna Measurement Conditions:

Mounted on Ground Plane of 280 x 80 mm

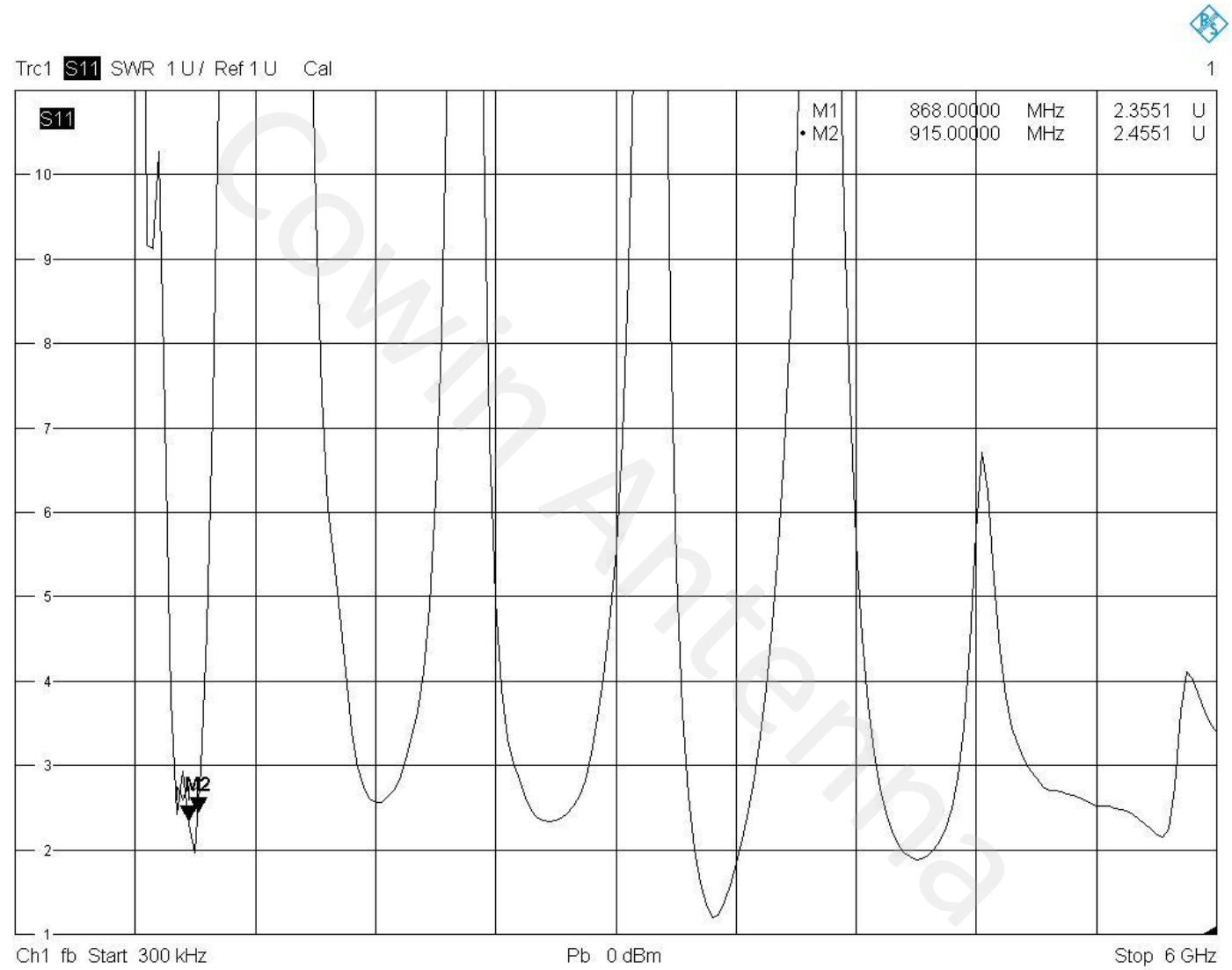
Measured in Certified 3D Anechoic Chamber

The network analyzer is Agilent 5071c

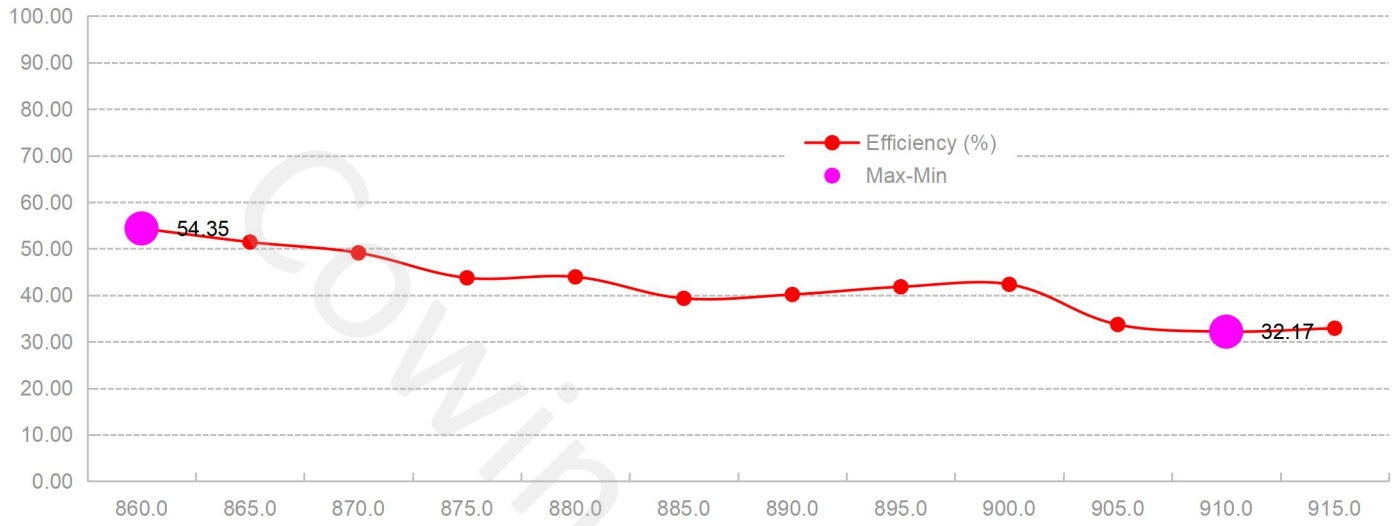
The comprehensive tester is Agilent cmv500



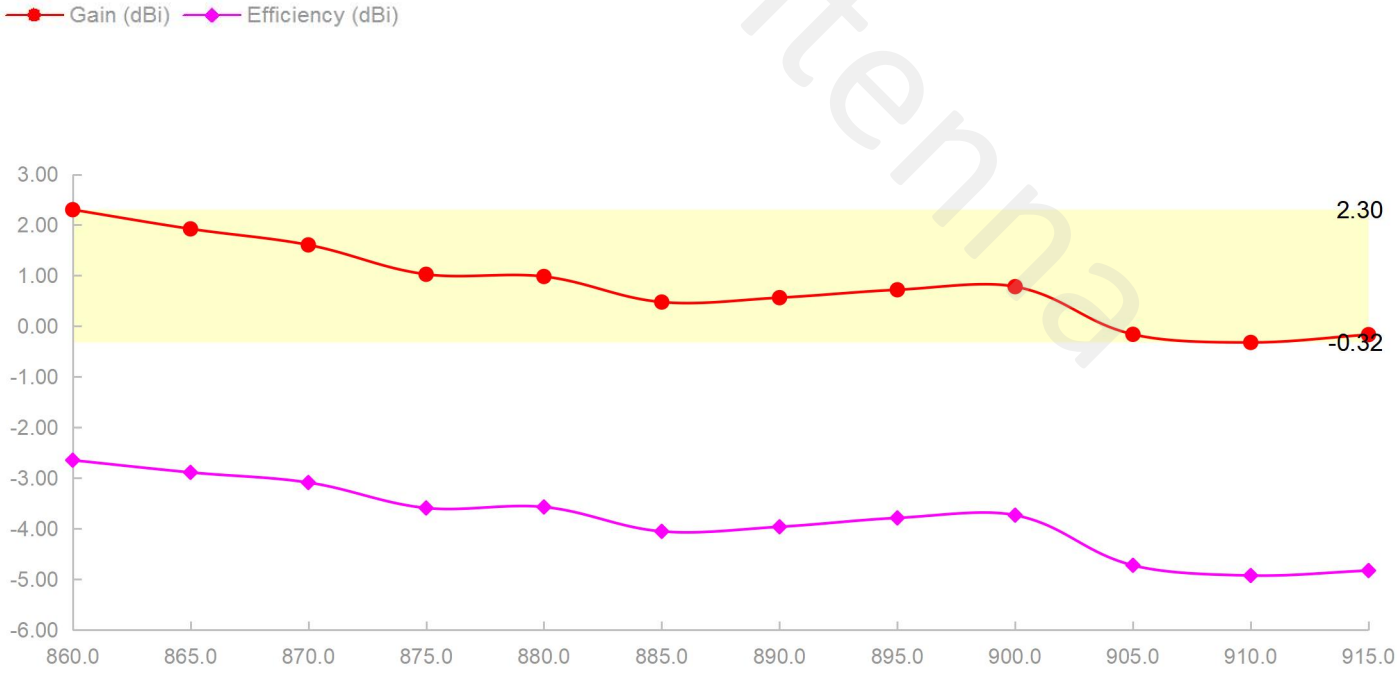
4.1 VSWR



4.2 Efficiency



4.3 Peak gain



4.4 3D&2D Radiation Patterns