Product Datasheet

CW-WZ-0122

5G External Antenna

Key Features

Frequency: 698-2700MHZ/3300-3800MHZ/5150-5850MHZ

SMA Male Connector

External Rubber

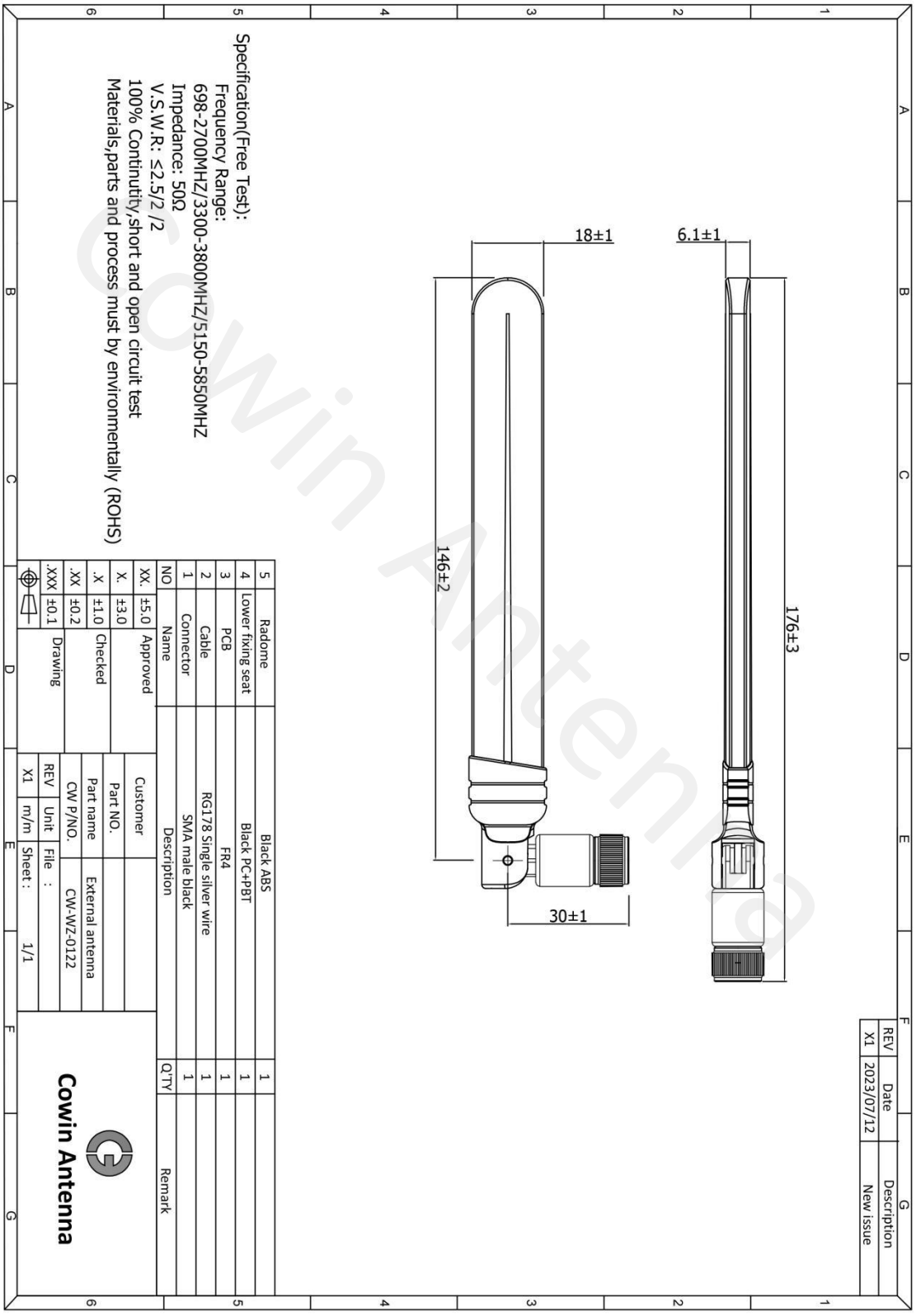
Dimensions 176*18 mm

1. Antenna Electrical Characteristics

Band (MHz)	
Frequency (MHz)	698-2700MHZ/3300-3800MHZ/5150-5850MHZ
VSWR	2.5/2/2
Efficiency (%)	91.52% /82.24%/60.86%
Peak Gain (dBi)	5.133/5.36/6.04
Impendance (Ohm)	50
Polarisation	Vertical
Max. Input Power (W)	10
Connector Type	SMA Male

2. Material and environmental characteristics

Inner structure	PCB
Material of Plastic	PC+PBT/ABS
Cable Type	RG178
Connector Type	SMA Male
Dimensions (mm)	176*18MM
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

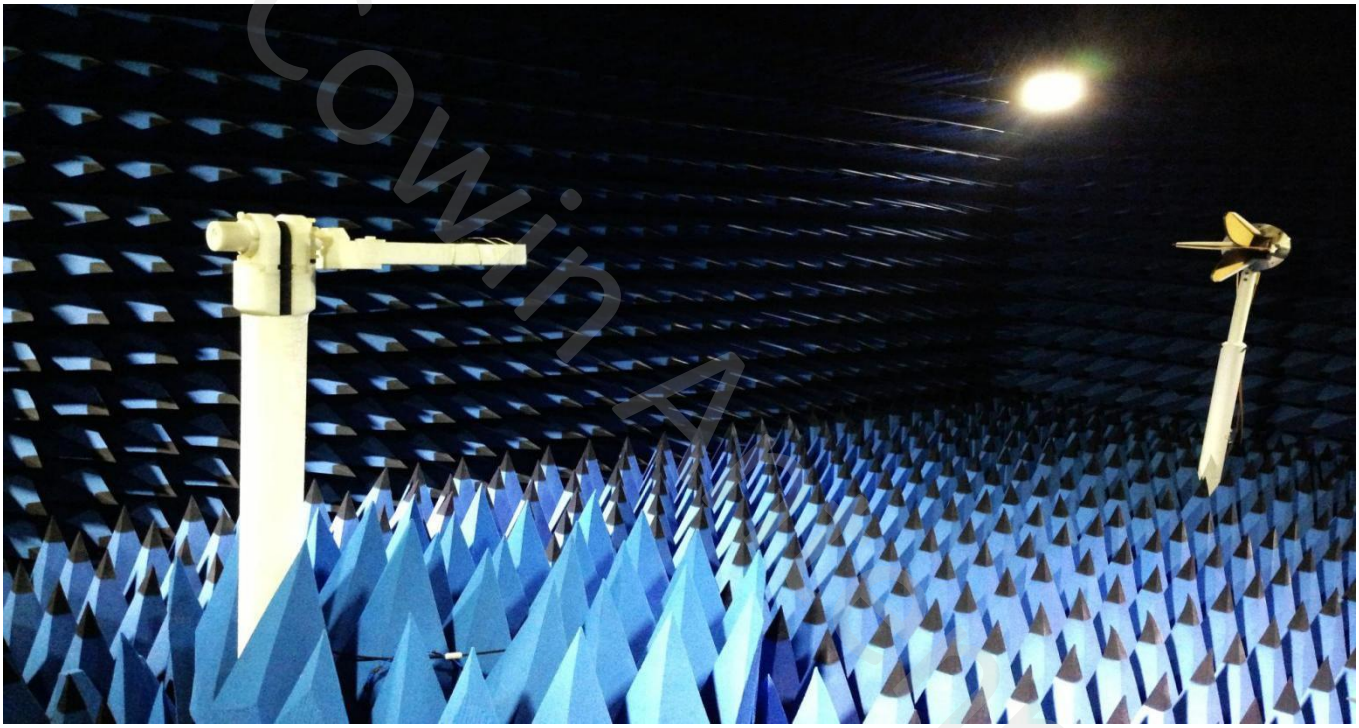
Antenna Measurement Conditions:

Mounted on Ground Plane of 280 x 80 mm

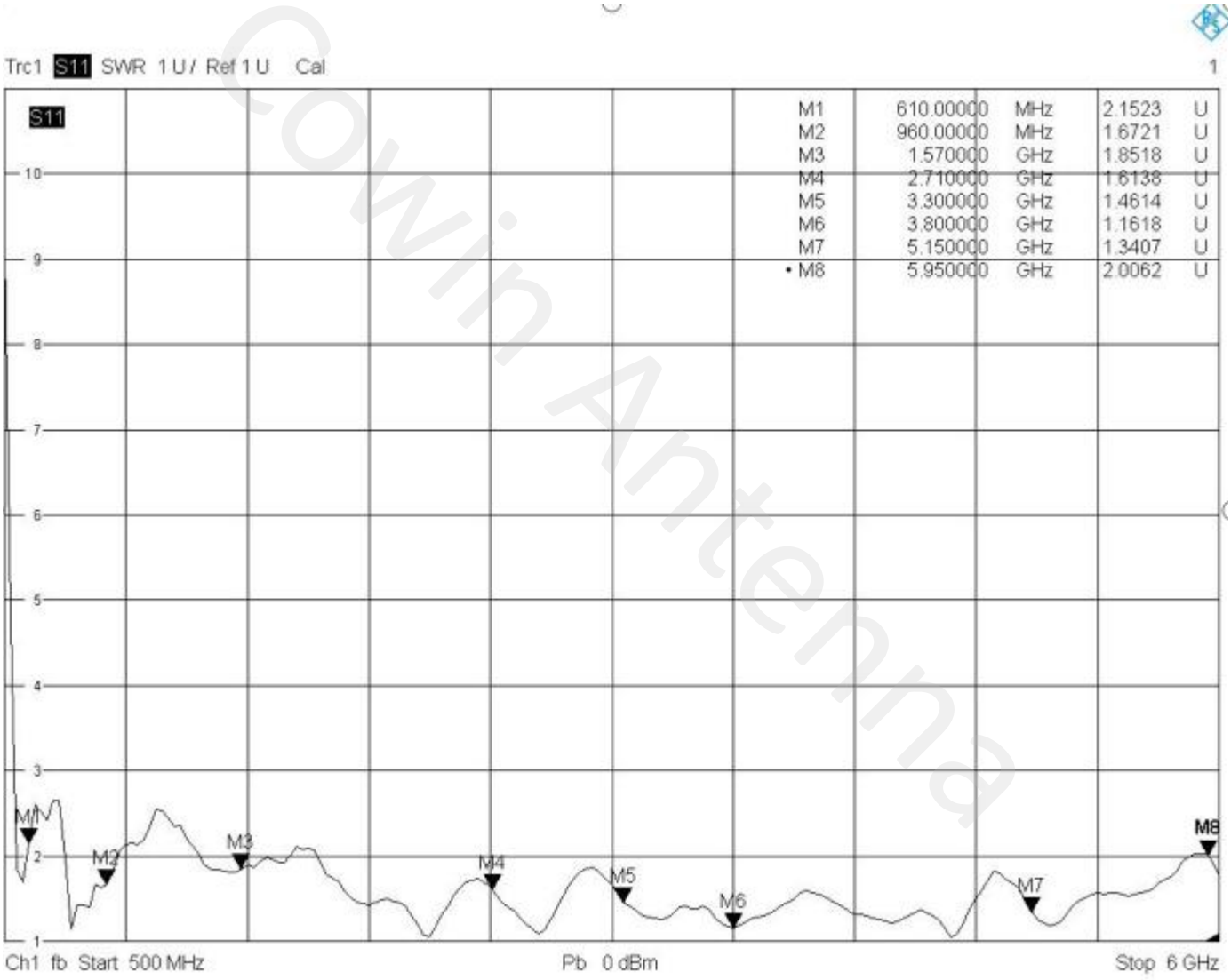
Measured in Certified 3D Anechoic Chamber

The network analyzer is Agilent 5071c

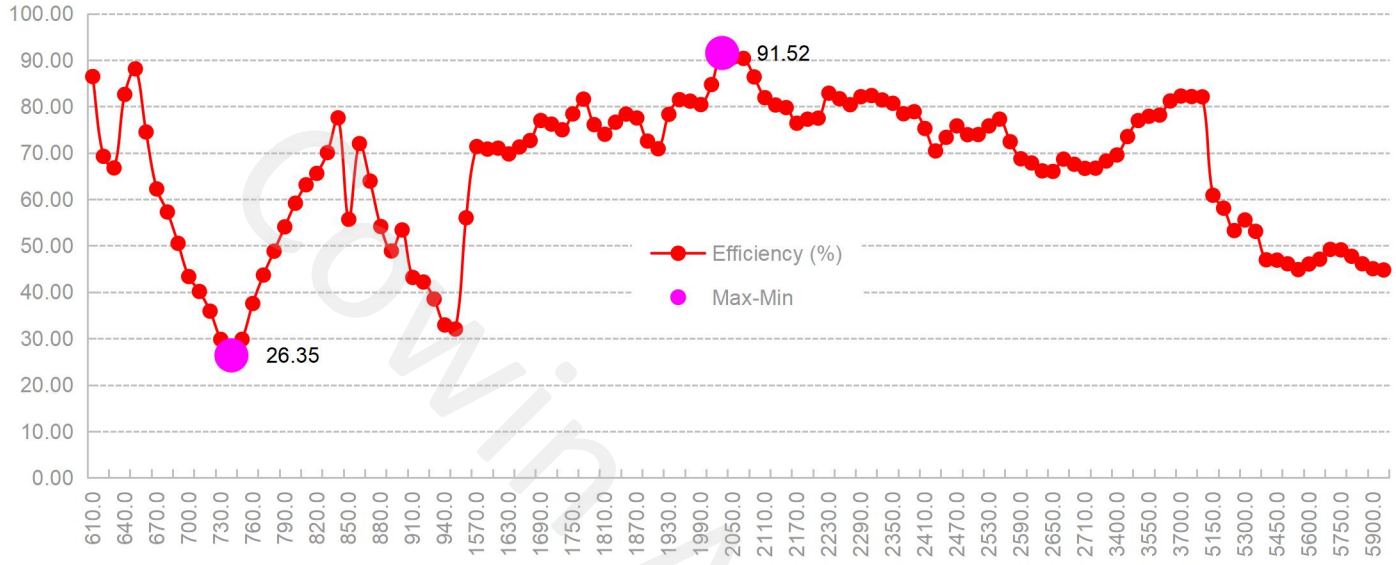
The comprehensive tester is Agilent cmv500



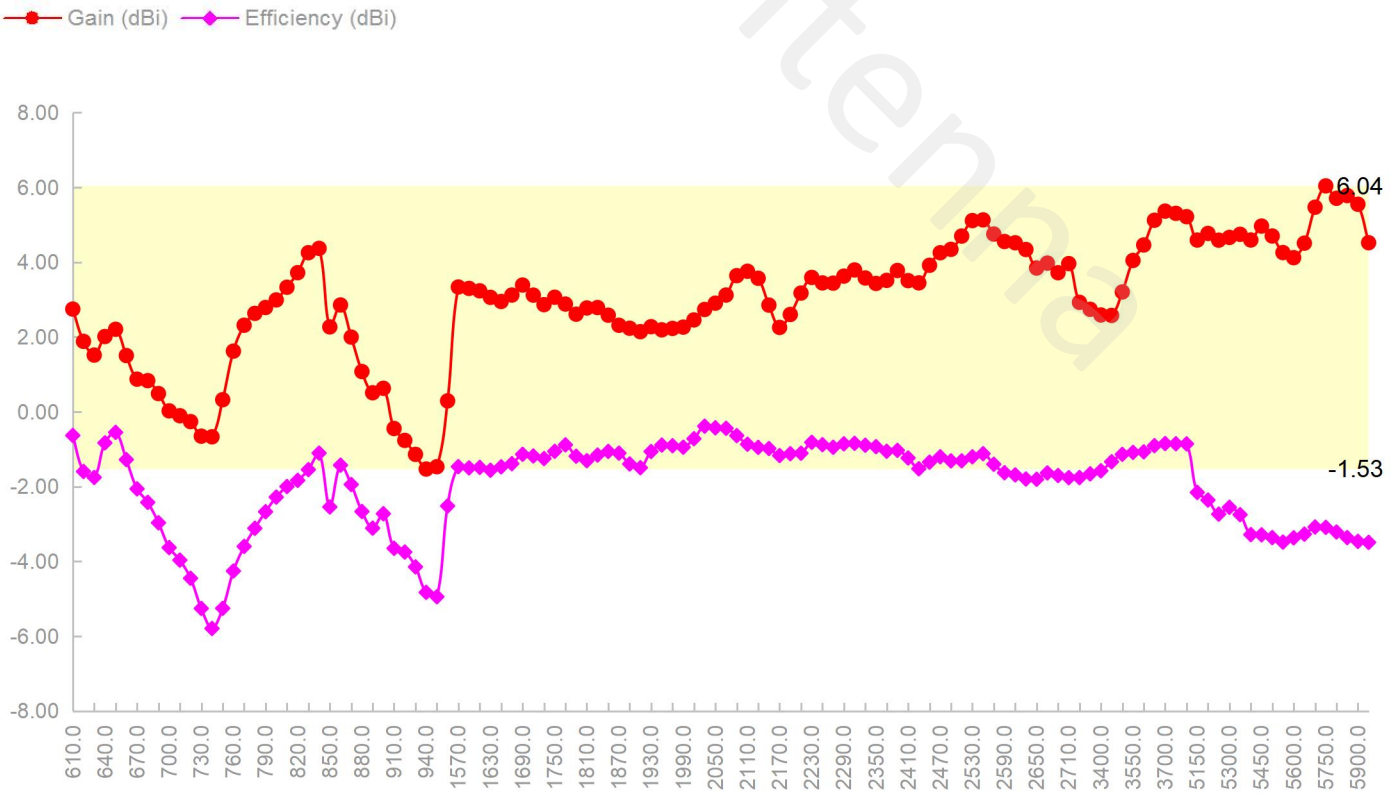
4.1 VSWR



4.2 Efficiency



4.3 Peak gain



4.4 3D&2D Radiation Patterns