



DUAL-BAND TERMINAL ANTENNA

GLSL01 915 MHz and 2.4 GHz Dual-Band Terminal Antenna

MODEL GLSL01

Dual-band terminal antenna covering 915 MHz and 2.4 GHz with an SMA plug connector.



KEY PERFORMANCE

915 MHz + 2.4 GHz

FREQUENCY

1-2 dBi

GAIN

3.0 max.

VSWR

SMA plug

CONNECTOR

TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Frequency	915 MHz + 2.4 GHz
Impedance	50 ohm nominal
VSWR	3.0 max.
Polarization	Vertical
Gain	1-2 dBi
Input power	50 W

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Connector	SMA plug (1/4-36UNS-2A)
Overall length	170 ± 3 mm
Base diameter	Dia. 14 ± 0.3 mm
Radiator diameter	Dia. 4.1 ± 0.15 mm
Tip diameter	Dia. 7.2 ± 0.2 mm
Antenna material	High-frequency carbon steel wire
Color	Black
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C

SOURCE CONSISTENCY NOTE

The main specification table is used for rated gain and temperature. The engineering drawing lists 2.0 dBi and -40°C to +80°C; measured gain values are recorded separately in the source evidence.

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NEED A CUSTOM CONFIGURATION?

Frequency, connector, cable length and mounting options can be reviewed for your project.

[Request a quote](#)

PRODUCT PHOTOS

GLSL01 supplied units in protective packaging



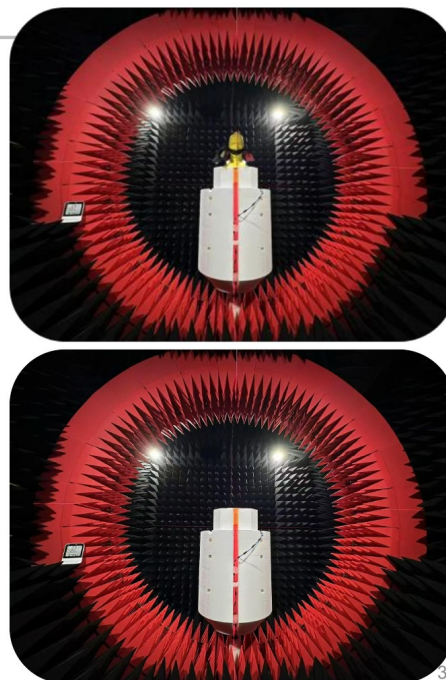
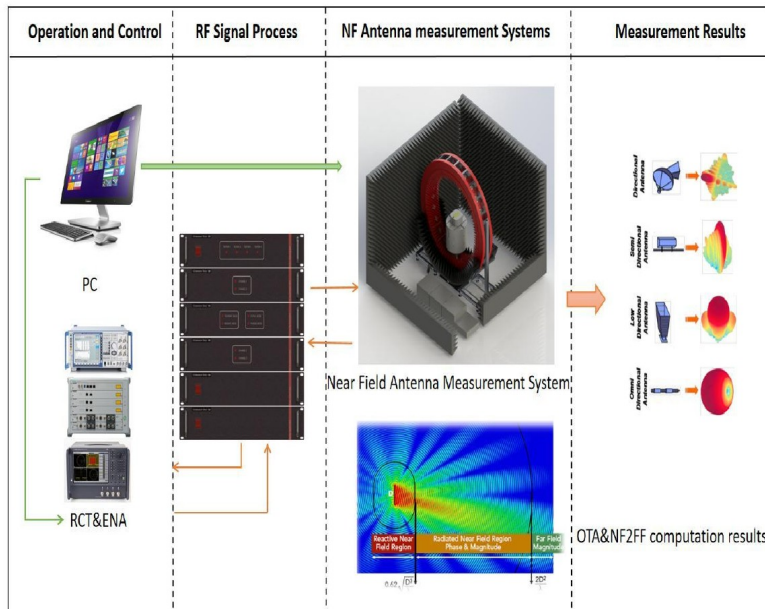
User-supplied photo showing five GLSL01 antennas. Original product structure and proportions retained.

TEST SETUP & MECHANICAL DRAWING

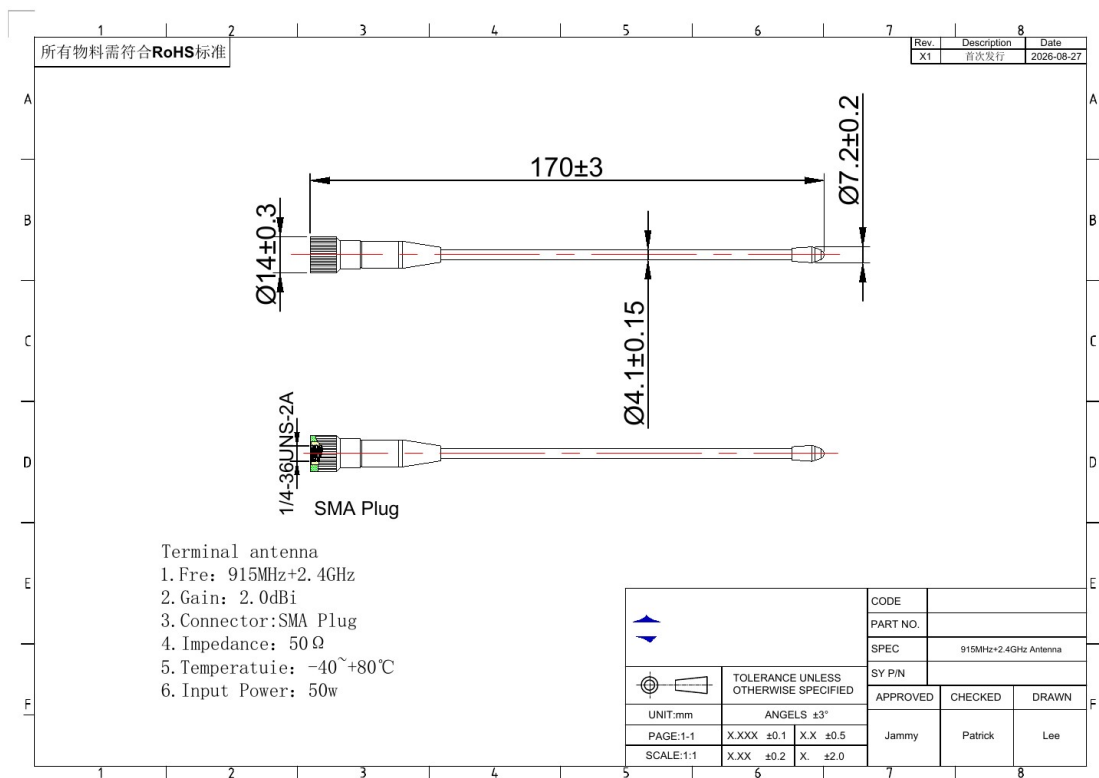
Original test-system and engineering records from the supplied GLSL01 report

Antenna Test System

Antenna Test System



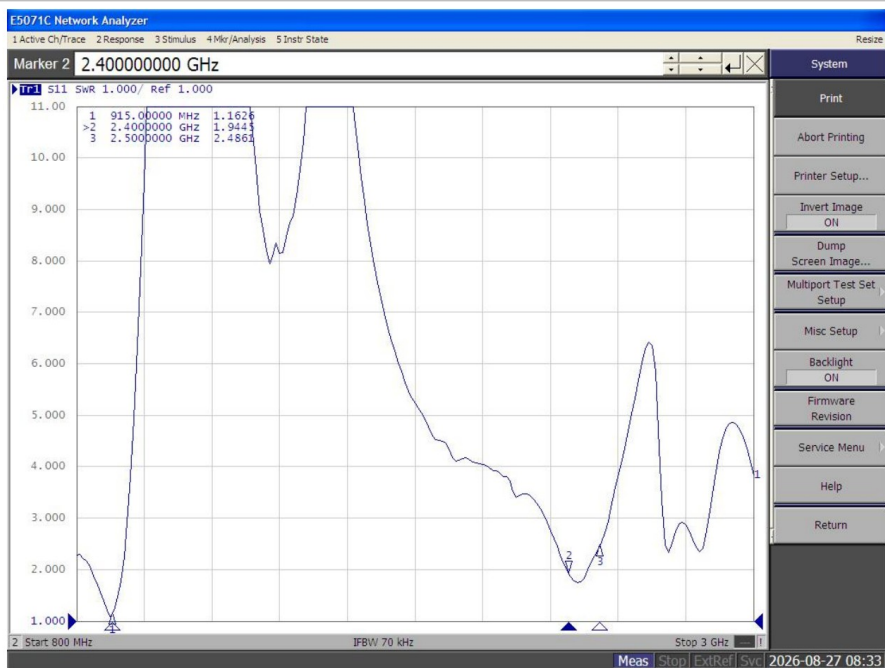
Mechanical Drawing



VSWR TEST

Original network-analyzer trace from the supplied GLSL01 test report

VSWR



Source markers: 915 MHz = 1.1626, 2.400 GHz = 1.9443, 2.500 GHz = 2.4861.



GAIN & EFFICIENCY TEST

Measured values reproduced from the supplied GLSL01 test report

Gain /Efficiency

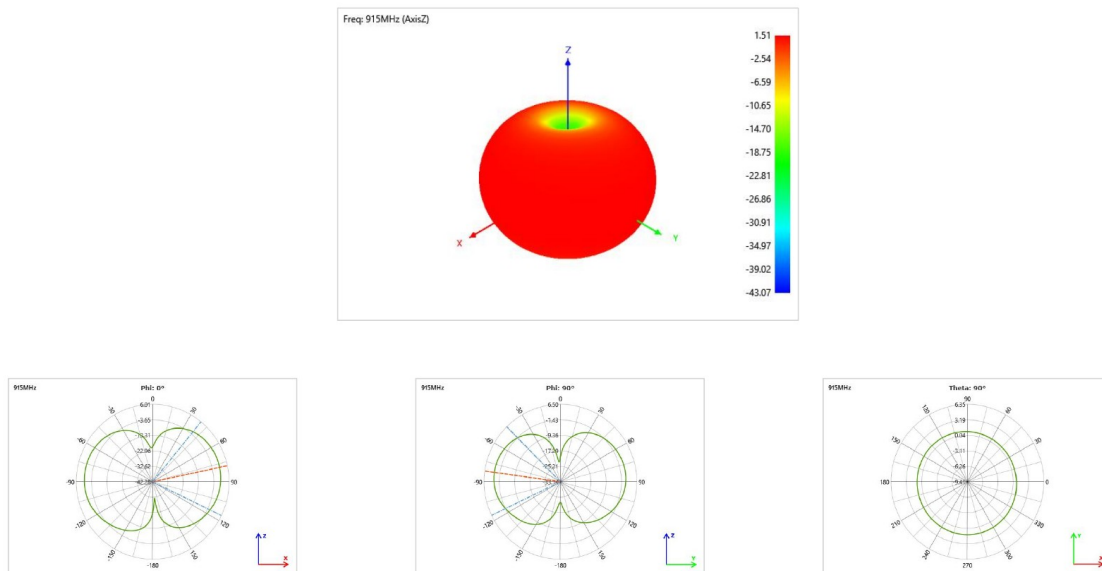
Frequency(MHz)	Gain(dBi)	Efficiency(%)
914	1.49	36.16
915	1.51	36.44
916	1.48	36.16
2400	2.85	41.31
2450	2.44	41.41
2500	2.56	40.71

The measured values are retained separately from the rated 1-2 dBi value in the main specification table.

915 MHz RADIATION PATTERN

Original 2D and 3D pattern plots from the supplied GLSL01 test report

Radiation Pattern 2D & 3D



2450 MHz RADIATION PATTERN

Original 2D and 3D pattern plots from the supplied GLSL01 test report

Radiation Pattern 2D & 3D

