2J540

(DATASHEET)

Type	Multiband antenna
Frequencies	AMPS (824-894 MHz) ISM (868 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz) LTE (790-860/2500-2690 MHz)
Mounting	Glass Mount
Revision	00



1. SPECIFICATION

1.1. Electrical Specifications

Frequencies	AMPS (824-894 MHz) ISM (868 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz) LTE (790-860/2500-2690 MHz)
Impedance	50 Ohms
Polarization	Linear
Gain	2.14dBi
VSWR	<3:1
Power handling	35W
Operating temperature	-40°C to +85°C

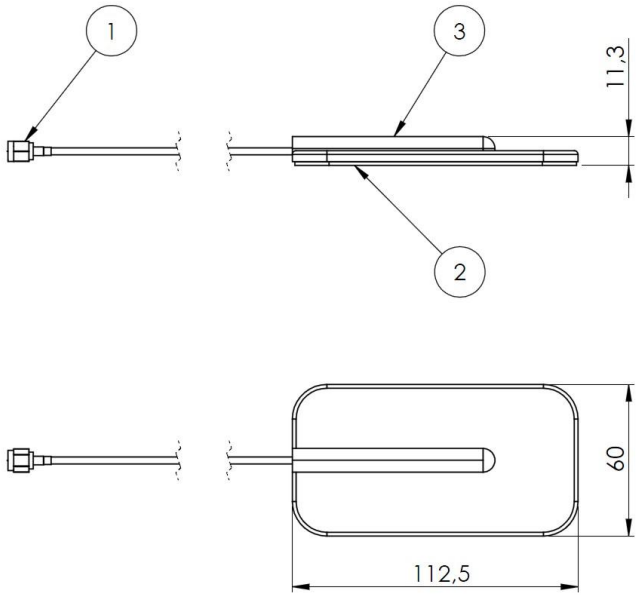
1.2. Connection Specifications

Connector type: SMA male
Cable: RG58
Cable length: 30cm

For different cable and connector type please ask our sales team.

1.3. Mechanical Specifications and Dimensions

Material: ABS
Dimensions: 11.3mm x 112.5mm x 60mm (H x L x W)
Weight: 155 g ‘counted with default connection’
Colour: Black (for different colours please ask our sales team)

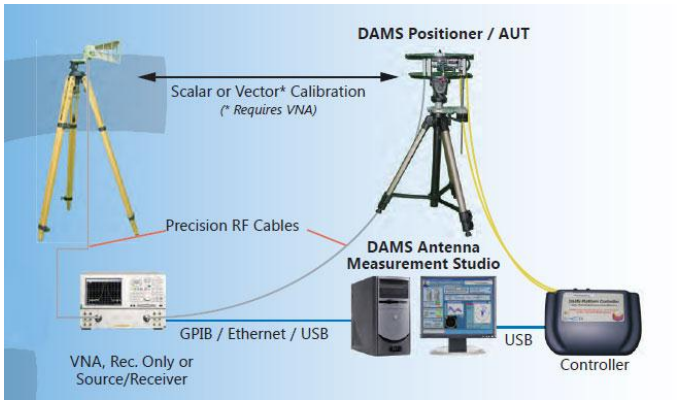


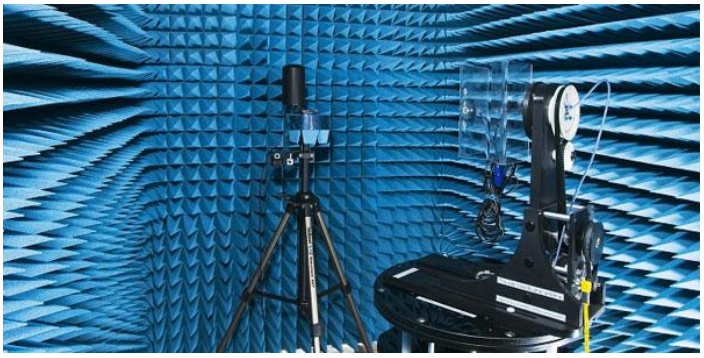
2. MEASUREMENT

2.1. Set for Measurements

Connection:	Used default cable length and connection.
Temperature:	25 °C
Input power:	0 dBm

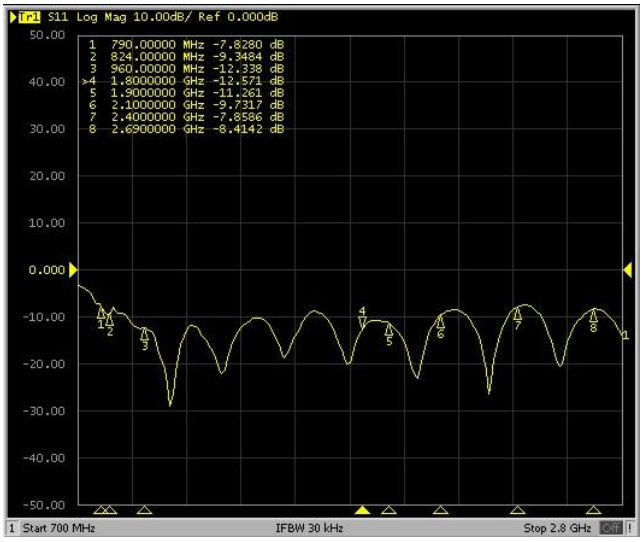
DAMS positioner with AUT and reference antenna are placed in anechoic chamber

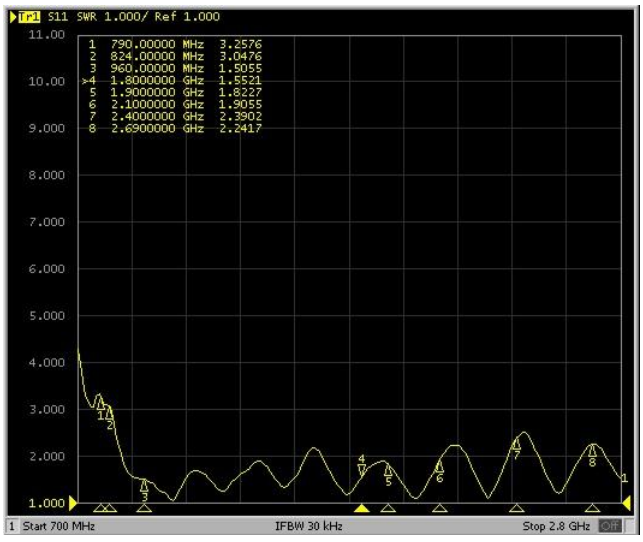




2.2. Electrical Characteristics

- Tested with 30cm cable length on 6mm thin glass.





3. PLACEMENT RECOMMENDATIONS

- Clean flat surfaces
- Tuned for working on glass
- Don’t cover with any materials

4. IMAGES





