

Antenna Specifications

At Wavelink, our aim is to provide timely and comprehensive services to our customers. If you require any assistance, please contact our headquarters:

Kunshan Wavelink Electronic Co.,Ltd

2nd Floor, Building D, No. 88 Tongqiu Road, ZhangPu Town, Kunshan City, Jiangsu Province, China

Tel: +86-512-57449488

Email: sales@kswavelink.com

Wavelink Certifications:



Wavelink Partners:

Skyworth NARI

flex

 **HUAWEI**

 **VVDN**
TECHNOLOGIES

Tenda Infinova

dji

Hikvision

JABIL

Catalogue

1	Product Description	3
2	Product Features	3
3	Product Specifications	3
4	Overall Performance	4
5	Others	6

ProductDescription

Antenna Type:Sucker antenna

This wavelink antenna compatible with 3G/2G bands.

2 Product Features

Easy to install

High efficiency

Removable



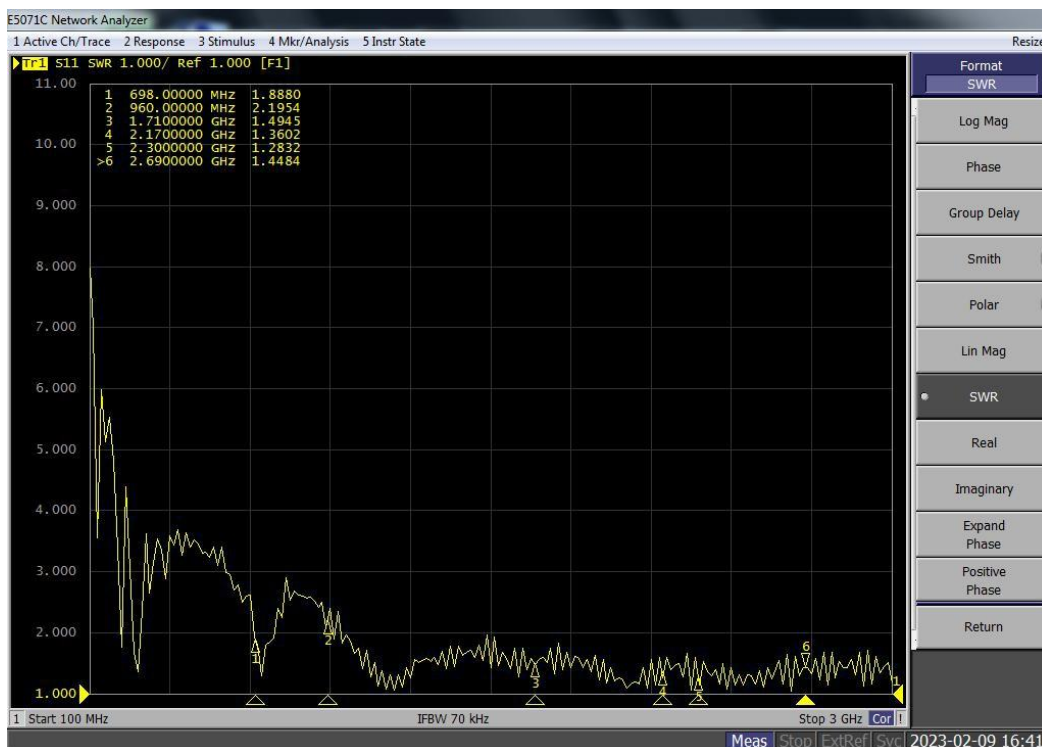
3 Product Specifications

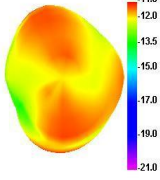
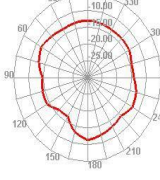
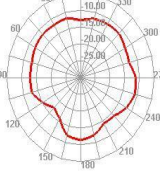
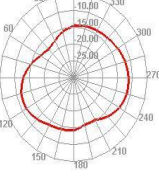
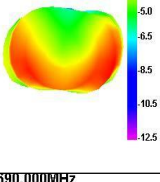
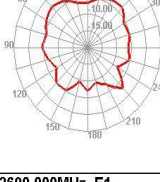
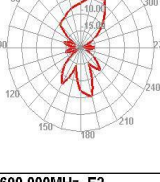
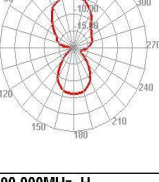
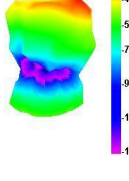
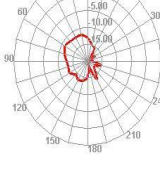
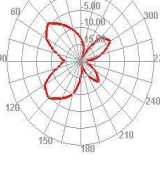
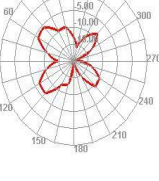
Passive Electrical Specifications

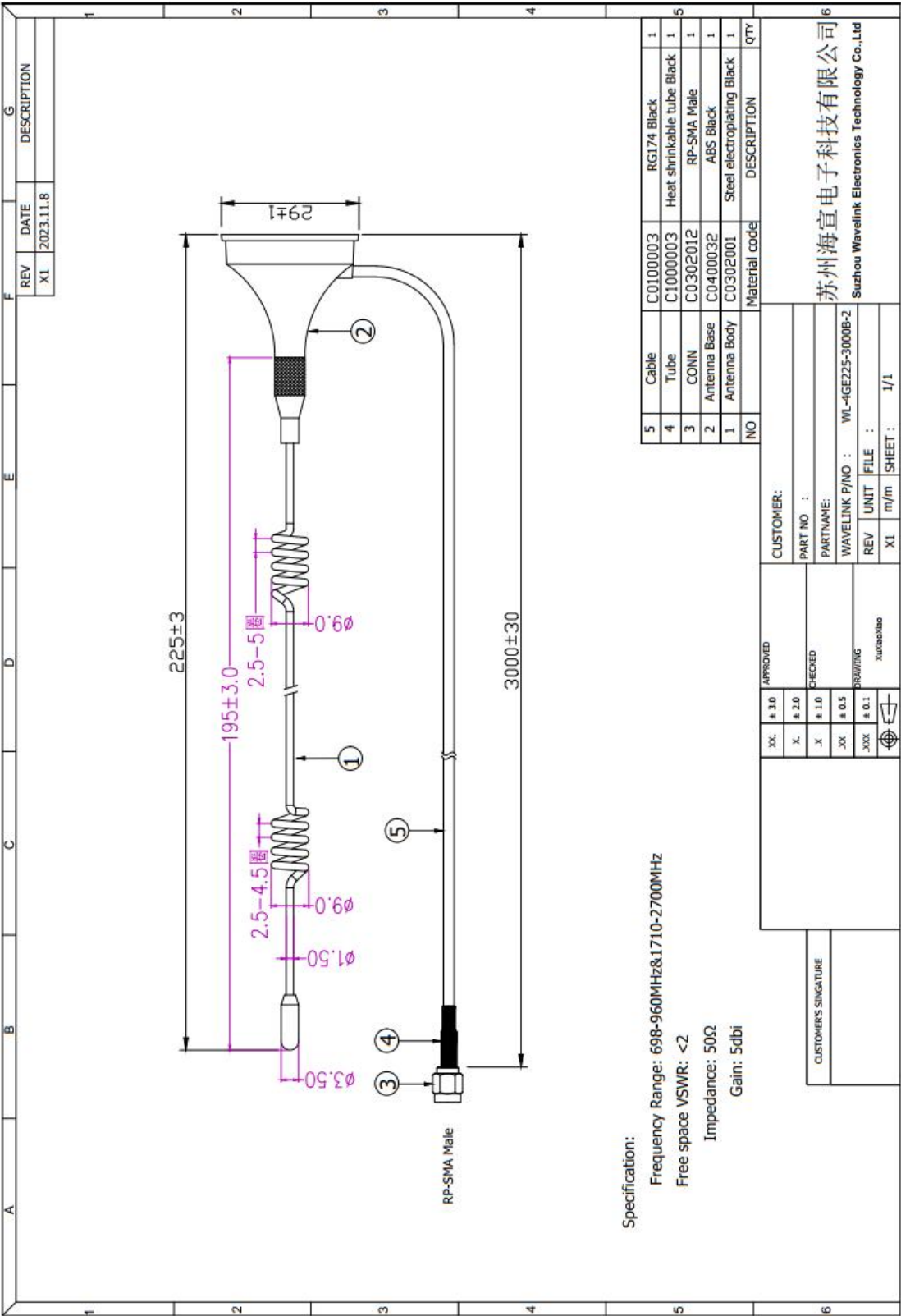
Frequency Range	698-960 MHz 1710-2170MHz 2300-2690MHz
Input Impedance	50 Ω
VSWR	≤ 2
Gain	≤ 1 dBi
Polarization Type	Linear
Mechanical Specifications	
Antenna Size	225mm $\times$ 29mm
Connector Type	RP-SMA
Working Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Radome Color	Black

4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz



Frequen cy	3D	E1	E2	H
960MHz	960.000MHz 	960.000MHz E1 	960.000MHz E2 	960.000MHz H 
1710MH Z	1710.000MHz 	1710.000MHz E1 	1710.000MHz E2 	1710.000MHz H 
2690MH Z	2690.000MHz 	2690.000MHz E1 	2690.000MHz E2 	2690.000MHz H 



5 Others

DESCRIPTION	SPECIFICATI ON
Temperature /Humidity cycling	1, The device under test is kept for 30 mins in an environment with a temperature of - 40 °C . 2, Kept for 4 Hours in an environment with a temperature of 8cthe conditions are stabilized at room temperature. 3, Parts should meet RF spec before and after test. 4, No cosmetic problem(No soldering problem;No adhesion problem of glue).
Temperature Shock	1, The device under test at -40 °C ⇔125 °C by 100 cycles, Dwell of 30 mins, transition time between Dwell 30 secs (~ 61 mins / cycle) and each item should be measured after exposing them in normal temperature and humidity for 24 h. 2, Parts should meet RF spec before and after test. 3, No cosmetic problem(No soldering problem; No adhesion problem of glue).
High Temperature	1, Temperature:125°C, time:1008 hours 2, There is no substantial obstruction to air flow across and around the samples, and the samples are not touching each other 3, Parts should meet RF spec before and after test. 4, No cosmetic problem(No soldering problem; No adhesion problem of glue).
Salt mist test	1, The device under test is exposed to a spray of a 5% (by volume) resolution of NACL in water for 2 hours. Thereafter the device under test is left for 1 week in room temperature at a relative humidity of 95%. The cycle is repeated until a total of 2 cycles have been completed. Here after the conditions are stabilized at room temperature. 2, Parts should meet RF spec before and after test. 3, No visible corrosion. Discoloration