



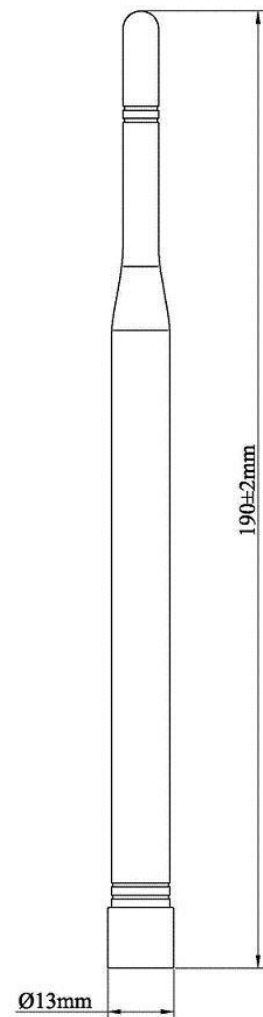
SPEC. NO. _____

Specification

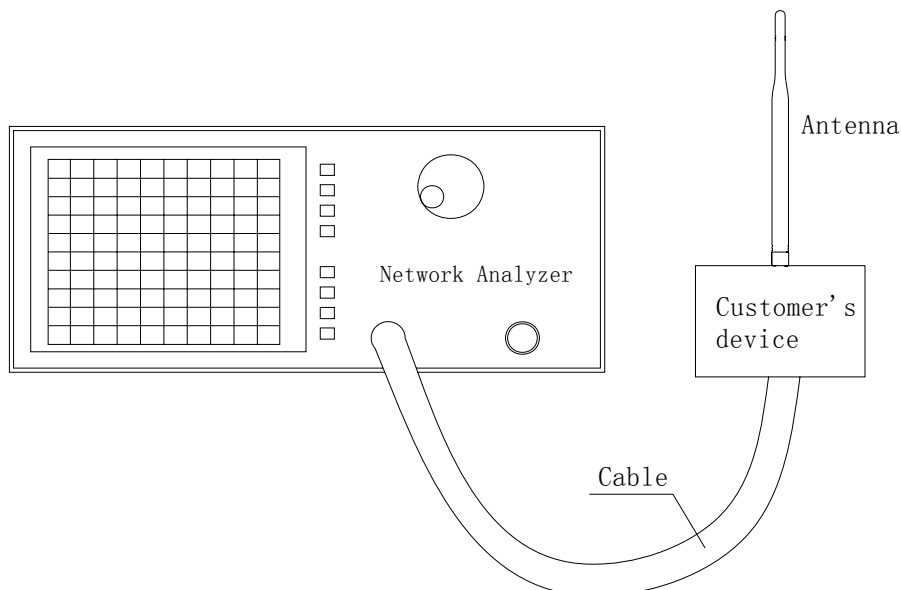
PART NO.: 1010250801	Product name: AT025N8G4 GSM quad band antenna
Drafted by:	Date:
Checked by:	Date:
Approved by:	Date:
Customer's confirmation:	
Company name: _____	
Product name: _____	
Title: _____	
Signature: _____	
Date: _____	

Specification Summary:

Frequency Range (MHz)	824-960 ; 1710-1990
Gain (dBi)	1-3 (824-960)
	1-3 (1710-1990)
VSWR(max)	2.5: 1
Impedance (Ω)	50
Max Input Power(W)	20
Operating Temperature	- 20°C to +70°C
Storage Temperature	- 40°C to +80°C
Polarization	Vertical
Connector	SMA male
Material	TPU , Brass
Color	White
Dimensions (mm)	$\Phi 13 \times 190$
Weight (g)	20
Accessories	--
Application	



Test sketch map:

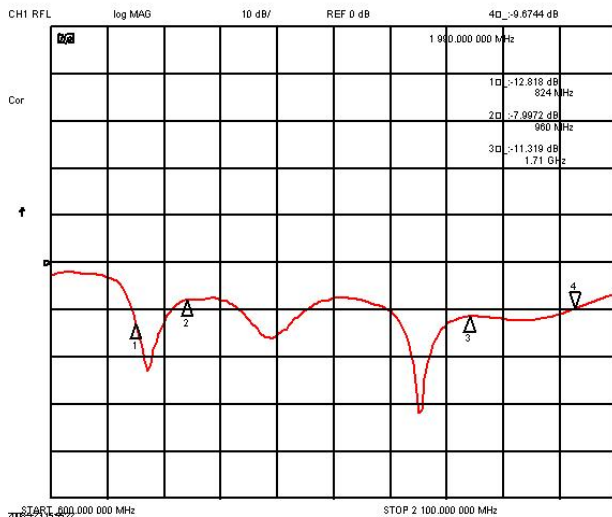


Parameters:

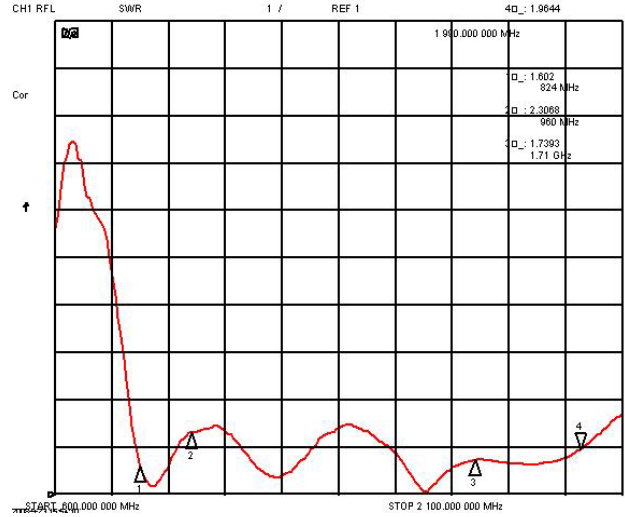
Frequency (MHz)	824	960	1710	1990
Return Loss	-12.818	-7.9972	-11.319	-9.6744
SWR	1.602	2.3068	1.7393	1.9644
Gain (dBi)	1.23	2.91	0	2.33

Test Results:

Return Loss:

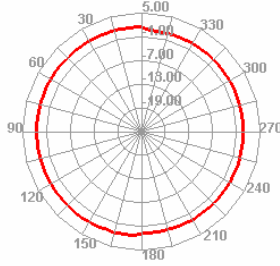


VSWR:

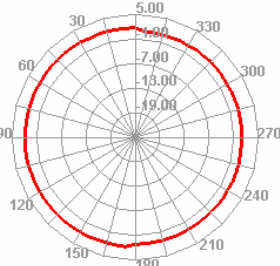


Direction Pattern:

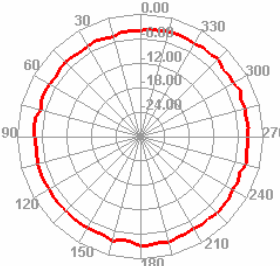
820.000MHz H



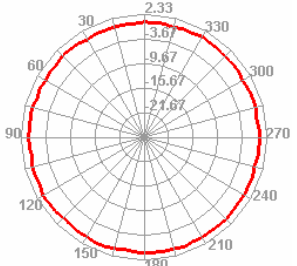
960.000MHz H



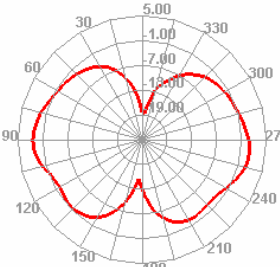
1710.000MHz H



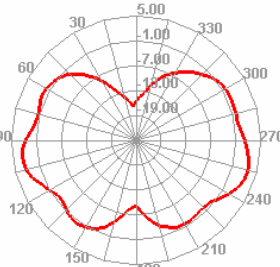
1990.000MHz H



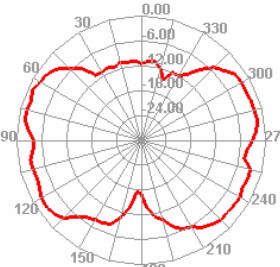
820.000MHz E1



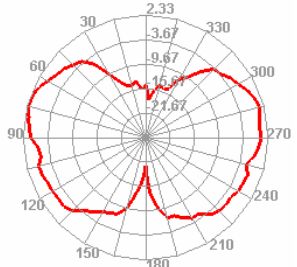
960.000MHz E1



1710.000MHz E1

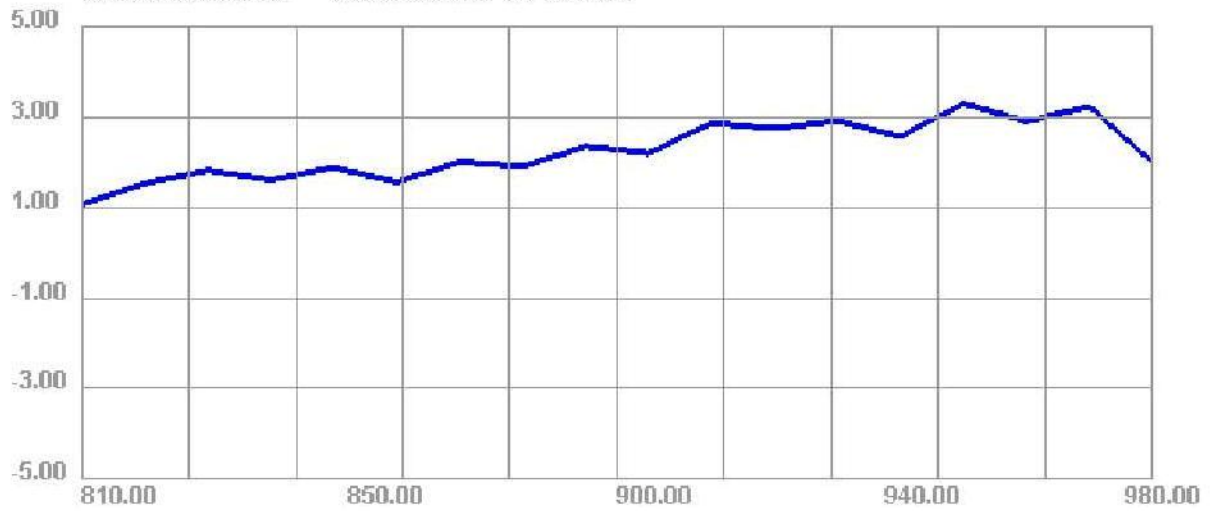


1990.000MHz E1

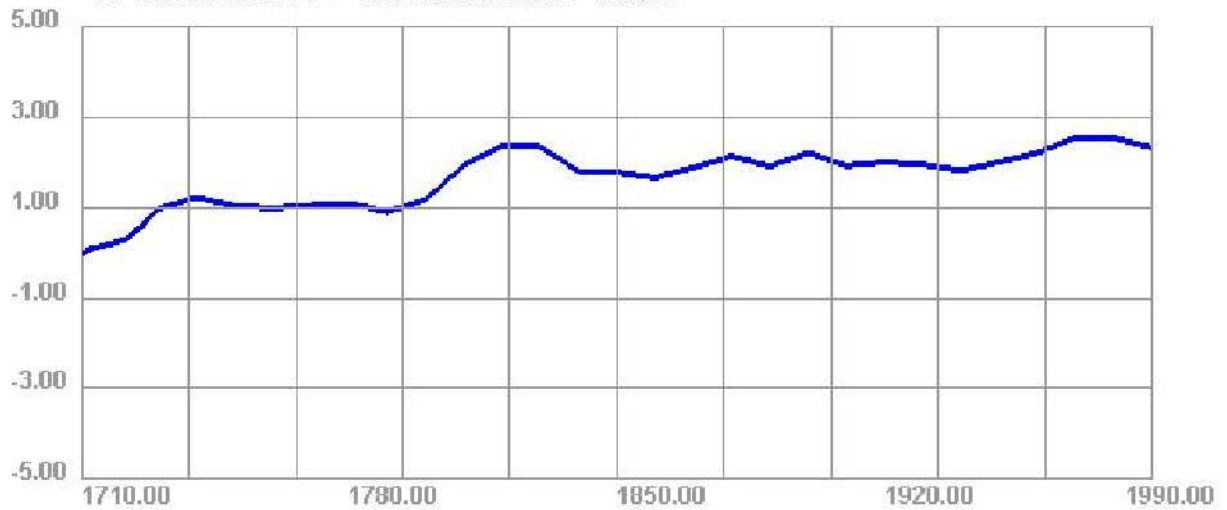


- Gain curves:

810.00MHz - 980.00MHz Gain



1710.00MHz - 1990.00MHz Gain



Antenna Base
Connector Detail.

