

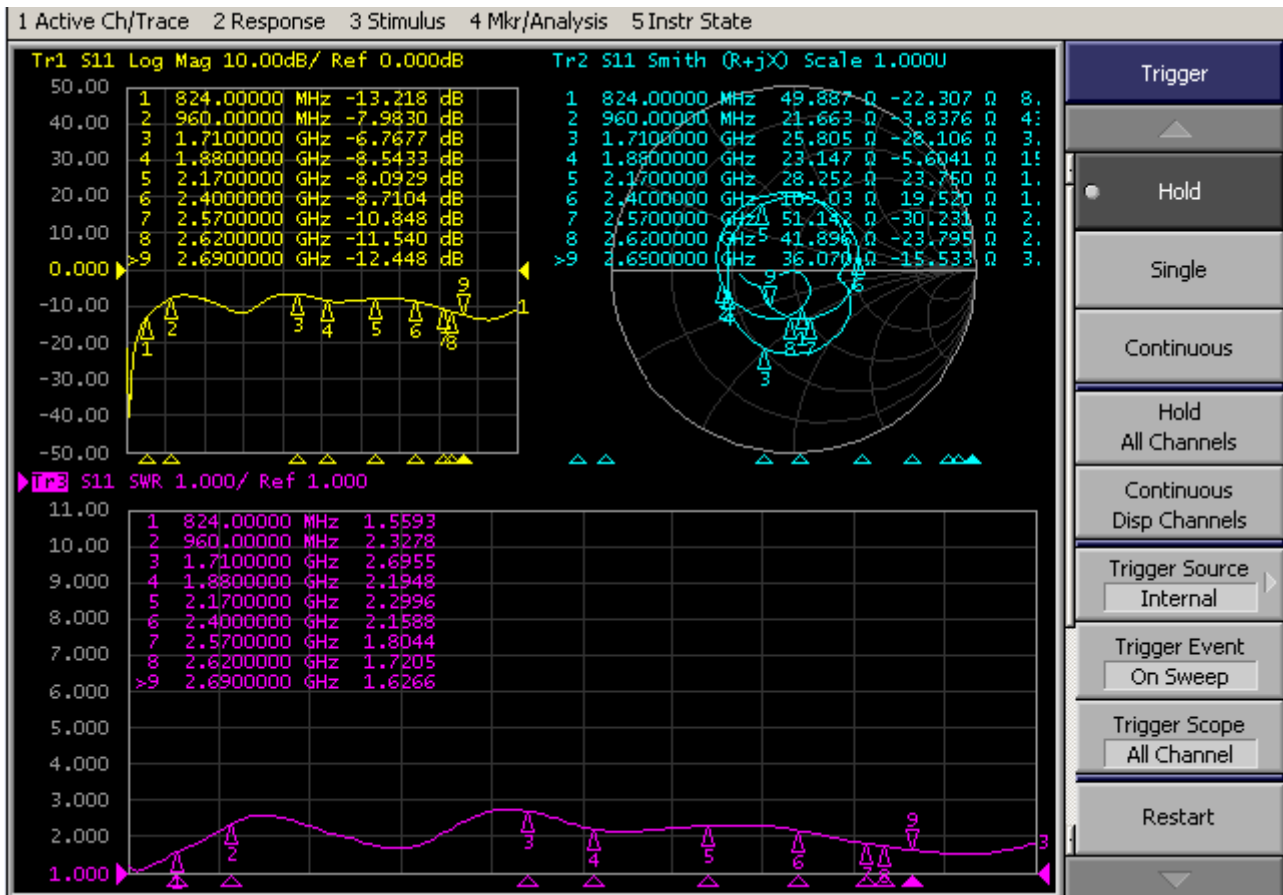
3G External Antennas

Product Number: AT3G-13172-5.0BT

1. Specification

Sample Photo	
	
A. Electrical Characteristics	
Frequency	824-960MHz; 1710-2170MHz
S.W.R.	<= 1.5
Antenna Gain	5 dBi
Polarization	Linear
Impedance	50 Ohm
B. Material & Mechanical Characteristics	
Material of Radiator	Cu
Material of Plastic	Body: ABS Hinge: ABS Holder: ABS
Cable Type	RG 178
Connector Type	SMA Male
Connector Pull Test	>=5.0Kg
Connector Torque Test	300~1000 g.cm
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C

2. Antenna - S Parameter Test Data



3. Mechanical Drawing

RoHS Compatible		CUSTOMER			REV.	ORDER NO	DATE
		PART NO			A	New Release	2014.06.05

172±3
 5.2±0.5
 4 5 7 8
 3 6 2 1

Note:

1. Electrical Properties
- 1.1 Frequency: 824-900MHz; 1710-2170MHz; 2500-2700MHz
- 1.2 Impedance: 50Ω
- 1.3 VSWR:<1.5
- 1.4 Gain: 5 dBi
2. Package: Bulk Package

NO	Part Name	Description	QTY
8	Cable	RG 178 Cable, Brown	1
7	PCB	Material: FR4, 13.4*96*0.8mm	1
6	Main part 5	Material: ABS, Black	2
5	Main part 4	Material: ABS, Black	1
4	Main part 3	Material: ABS, Black	1
3	Main part 2	Material: ABS, Black	1
2	Main part 1	Material: ABS, Black	1
1	Connector	SMA Male	1

YIC 裕中企業股份有限公司			
PART NAME: 3G Antenna			
PART NO. AT3G-13172-5.0BT			
APPROVED BY	CHECKED BY	DESIGNED BY	DATE: 2014-06-05
Jim. Yang	Zheng Yong	Ran. Li	
UNITS: mm		Tolerance	
SCALE: None		XX ±0.50	
REVISION: A		XXX±0.15	
		X° ±3°	