SPECIFICATION

OF PRODUCTS

CUSTOMER : _____

PRODUCT NAME: DIELECTRIC ANTENNA

PART NUMBER : DA1340-1590R-GPS-GLONASS

Approved by	Checked by	Drawn by

Approval Sheet	
Customer	
Supplier P/N	DA1340-1590R-GPS-GLONASS
Customer P/N	AP-DA1340-1590R-GPS-GLONASS

Customer's Approval Certificate	
Checked & Approval by	
Date	

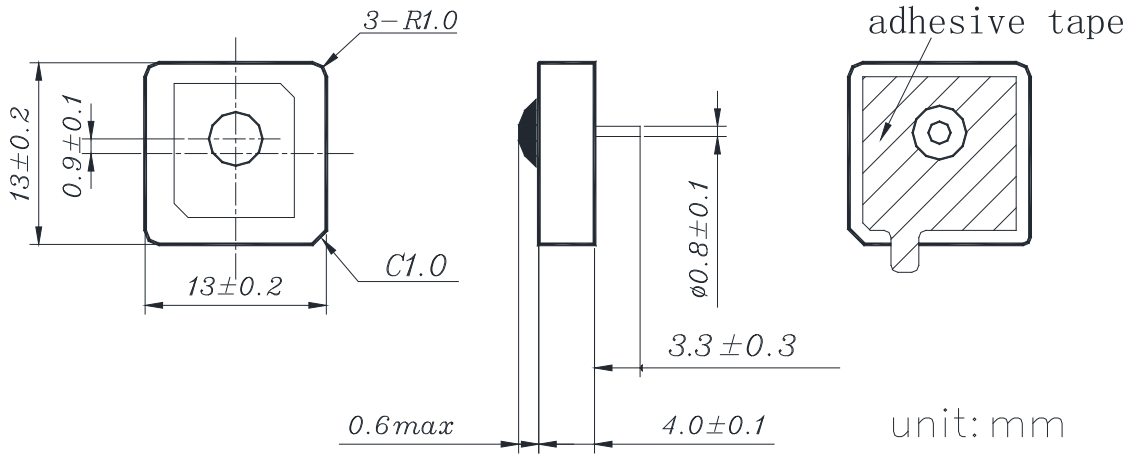
Please return this copy as a certification of your approval.

1 SCOPE

This specification shall cover the characteristics of the dielectric antenna element with the type AP-DA1340-1590R-GPS-GLONASS.

2 OUTLINE DRAWING AND DIMENSIONS

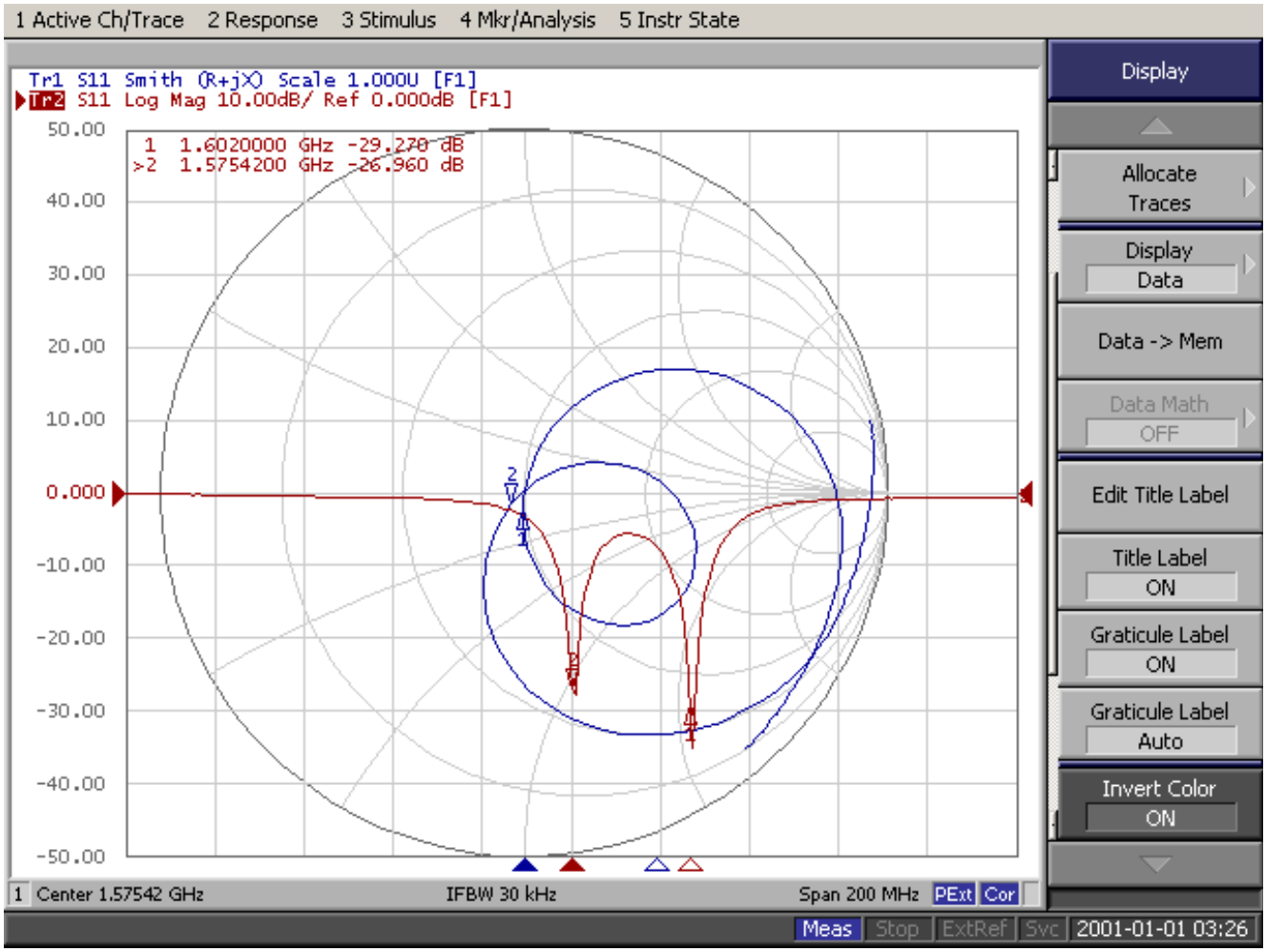
2.1 Appearance: No visible damage and dirt.
2.2 The products conform to the RoHS directive and national environment protection law.
2.3 Dimensions: 13.0 x 13.0 x 4.0 mm
2.4 Electrode Plating Adhesion: >4 kg



3 ELECTRICAL SPECIFICATIONS

GPS Glonass Band

Characteristics	Specification	Unit
Center Frequency GRS	*1575±3*	*MHz*
Center Frequency GLONASS	*1602±3*	*MHz*
Band With(RL≤-10dB)	*5.5 min.*	*MHz*
VSWR	*1.5 max*	*MHz*
Impedance	*50*	*Ohm*
Polarization	*RHCP*	
Gain @Zenith	*0.5 (typical)*	*dBic*
Return Loss@CF	*< -15*	*dB*
Frequency Temperature Coefficient	*0±20 (-40°C to +85°C)*	*ppm/°C*


1 Active Ch/Trace
2 Response
3 Stimulus
4 Mkr/Analysis
5 Instr State
Tr1 S11 Smith (R+jX) Scale 1.000U [F1]
Tr2 S11 Log Mag 10.00dB/ Ref 0.000dB [F1]
1 1.6020000 GHz -29.270 dB
>2 1.5754200 GHz -26.960 dB
50.00
40.00
30.00
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
1 Center 1.57542 GHz
IFBW 30 kHz
Span 200 MHz
PExt
Cor
Meas
Stop
ExtRef
Svc
2001-01-01 03:26
Display
Allocate Traces
Display
Data
Data -> Mem
Data Math
OFF
Edit Title Label
Title Label
ON
Graticule Label
ON
Graticule Label
Auto
Invert Color
ON