

**GPS/GLONASS Active Antenna**  
**P/N: SPK-GGSANT-25-0**



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## I. Features:

### SPK-GGSANT-25-O

1. Extra-high Gain 28 dB and Low Noise\_1.2dB
2. All Voltage (2.7~5.6 V) can be available in one.
3. Low current consumption (10mA)
4. 2 Band(1572~1610 MHz\_GPS / GLONASS).
5. Variable connector and cable length are available.

## II. Applications:

For antenna series used with or in handheld system, Automobile, Recreational, Marine.....etc.

## III. Part Number:

SPK      GGSANT      25      O  
(1)            (2)            (3)            (4)

(1) **SPK**-SPK Electronics Co., Ltd.

(2)**GGSANT**- GPS+GLONASS Double Band Active antenna

(3) **25**-Antenna Size: 25.2X25.2mm

(4) **O**-Without Housing

#### IV. Electrical Specification:

##### 1. Ceramic Patch Antenna Specification:

Operating Frequency	1575.42/1602 MHz
Bandwidth	10 MHz@S11≤-10 dB
Gain@Zenith	4.0 dBi
Gain@10[log]≤elevation	-3 dBi.
Polarization	R.H.C.P
Axial Ratio	3.0 dB Typ.

##### 2. LNA Specification:

Operating Frequency	1575.42/1602 MHz
Gain	28dB
Noise Figure	1.2dB
Output VSWR	≤2.0 Max
Voltage	2.7V~5.6V
Current	10±0.8mA

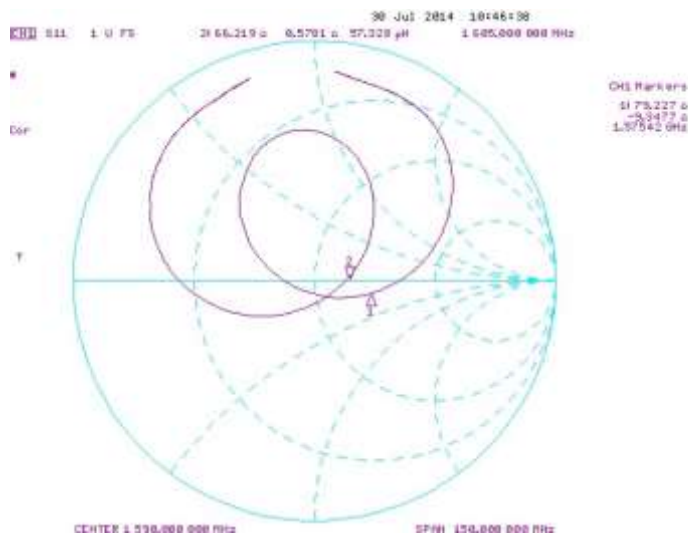
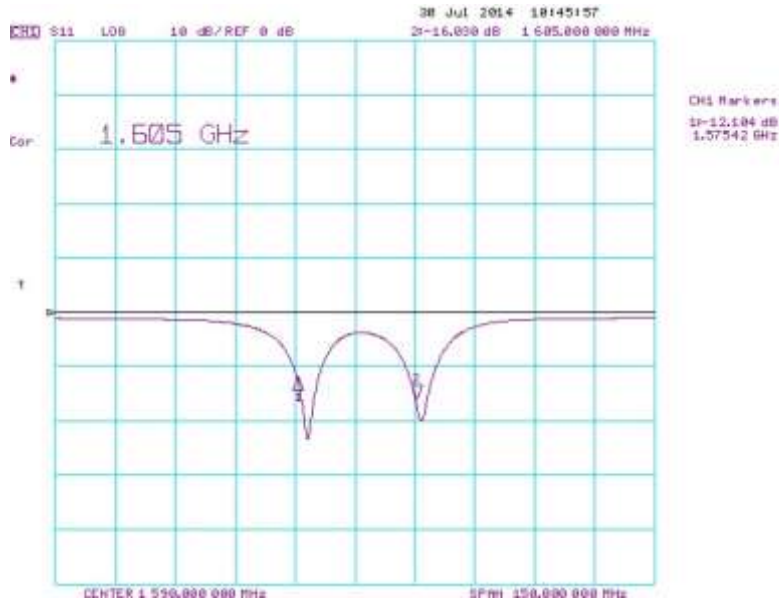


# SPK

# ELECTRONICS CO., LTD.

## v. Return loss and Smith Chart for Ceramic PatchAntenna:

- Return loss & Smith Chart



- Appearance:

Patch Antenna Unit :25\*25\*4 (mm)

- Operating & Storage Condition:

Temperature:-40~+85°C

Humidity : 10 ~ 95 RH

## Antenna Dimensions:

