



## 4G/LTE 698-2700MHz Ultra Wideband Omni-direction Antenna

**Part No: CS 4G-Q7027F05W**

### 1. Introduction

This antenna is ideal for downtown urban settings, RV's or marine installations.

It's built with a strong fiberglass casing and is designed to cover 698-2700MHz Wideband.

The Fiberglass antenna is an omni-directional antenna that gathers signals from all sides and does not need to be pointed toward a cellular tower.

Parts includes mounting equipment for either a flat horizontal surface or a wall.

It shall be mounted in an upright position for best results.





## 2. Specification

### Electrical

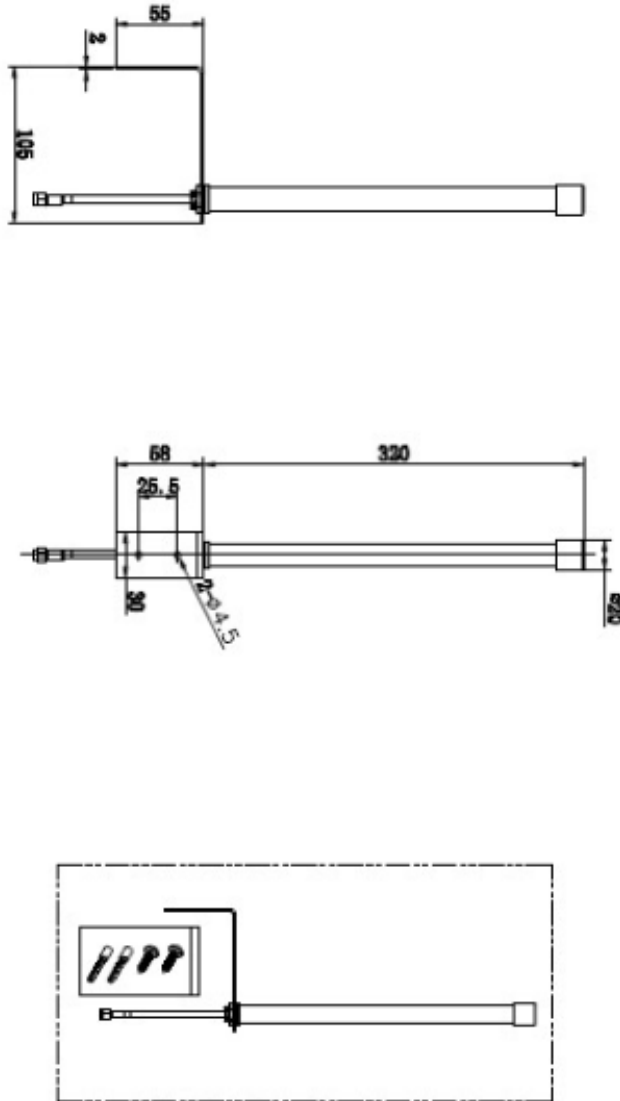

|                               |                      |
|-------------------------------|----------------------|
| Frequency Range               | 698-960/1710-2700MHz |
| Gain                          | 5.5dBi               |
| V.S.W.R                       | ≤1.5,Max:≤5.0        |
| Radiation                     | Omni-Direction       |
| Horizontal Beam width         | 360°                 |
| Vertical Beam width           | 35°                  |
| Polarization                  | Vertical             |
| Lightning Protection          | DC Grounded          |
| Maximum Input Power           | 100W                 |
| Impedance                     | 50Ω                  |
| Cable Length                  | 3M                   |
| Connector                     | SMA male             |
| Antenna Radome Material       | PVC                  |
| Mounting way                  | Wall Mount           |
| Diameter of Installation Pole | Ø30~Ø50mm            |

### Mechanical

|                          |               |
|--------------------------|---------------|
| Dimensions               | Φ20x320mm     |
| Weight                   | 250g          |
| Operating Temperature    | -40°C to+70°C |
| Rated wind velocity(m/s) | 60m/s         |
| RoHS Compliant           | YES           |

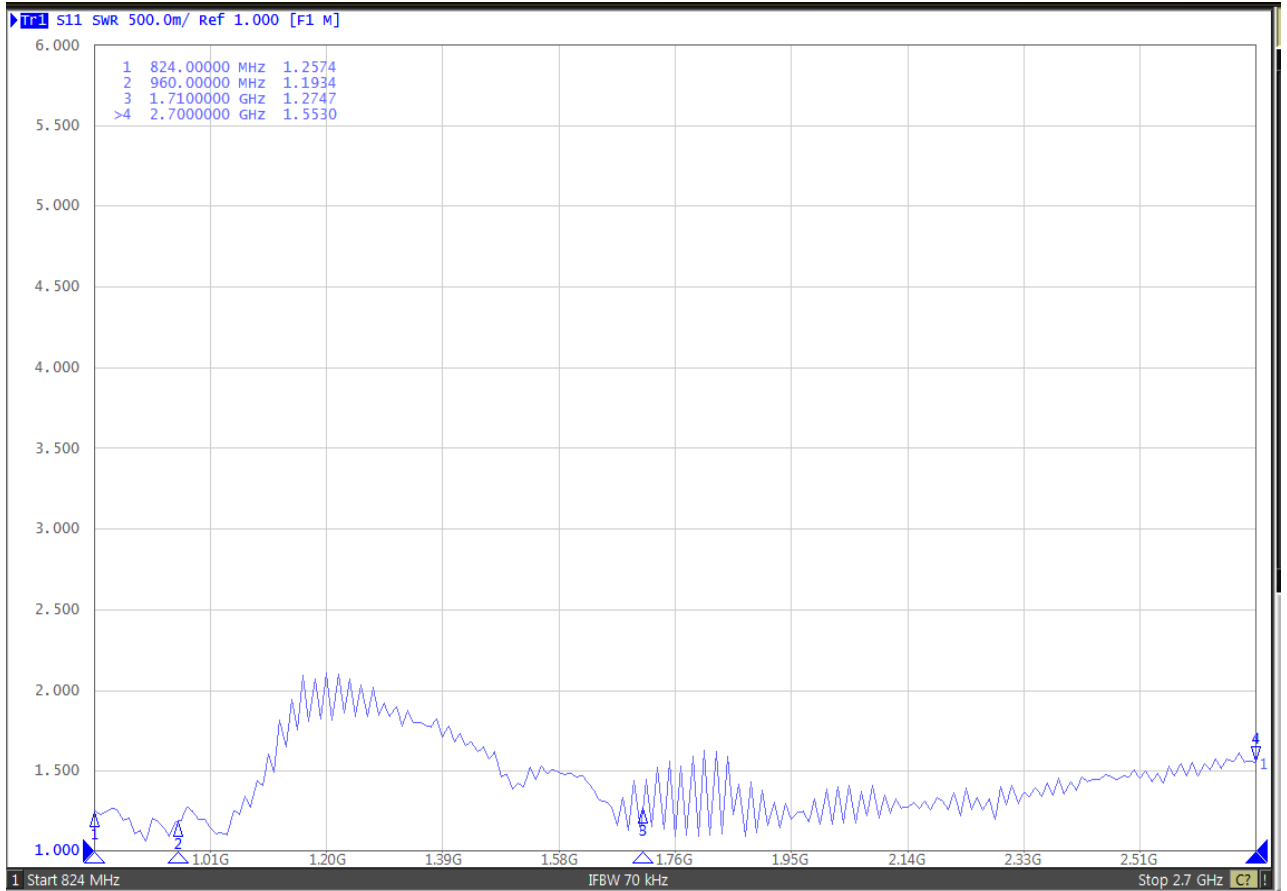


3.Drawing

|   |          |             |          |         |  |      |      |        |            |
|---|----------|-------------|----------|---------|--|------|------|--------|------------|
| <b>Drawing</b>  |          |             |          |         |  |      |      |        |            |
| Product Type:<br>Wall Mount Antenna   |          |             |          |         |  |      |      |        |            |
| P/N:AC-F05W (SMA)   |          |             |          |         |  |      |      |        |            |
|  |          |             |          |         |  |      |      |        |            |
| Technology : RoHS   |          |             |          |         |  <b>ASIAN CREATION COMMUNICATION CO.,LTD</b><br>WWW.ACANTENNA.COM |      |      |        |            |
| 3   |          |             | STANDARD | P/N:G:  | AC-F05W  | Qty  | 1PCS | DR.    | GT.Z       |
| 2   |          |             |          | SPEC    |  | Wet  | 305g | VENDER | VVS        |
| 1   |          |             | MATERIAL | DWG NO. |  | REV  | A    | CHKD   | BEN        |
| NO.   | PARTNAME | DESCRIPTION |          | SHEET   | I/1  | UNIT | MM   | 投影法    | DAY        |
|   |          |             |          |         |  |      |      |        | 2018-07-11 |

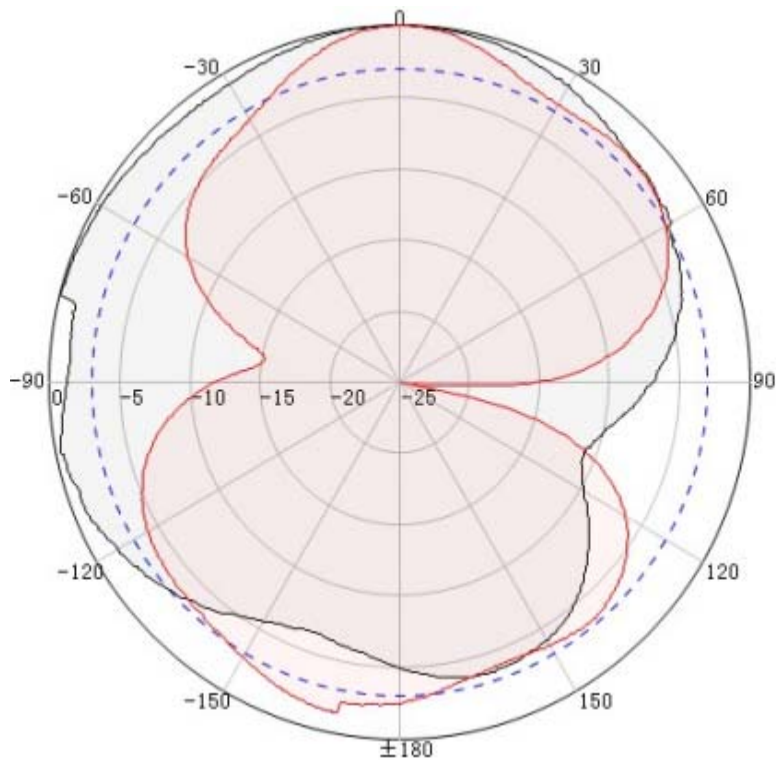


### 4.V.S.W.R



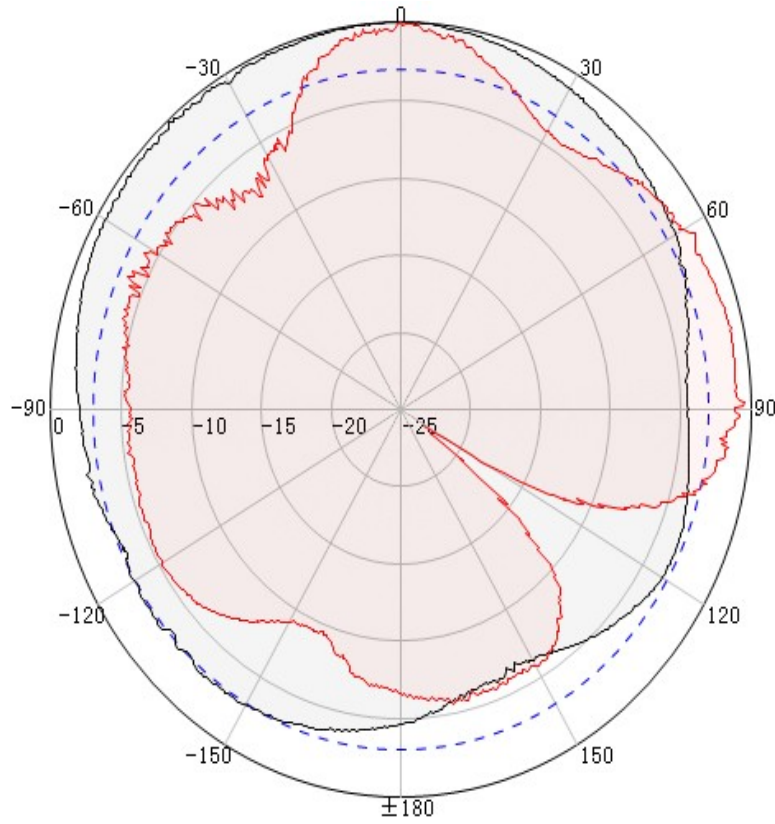
### 5.Radiation Pattern

824MHz

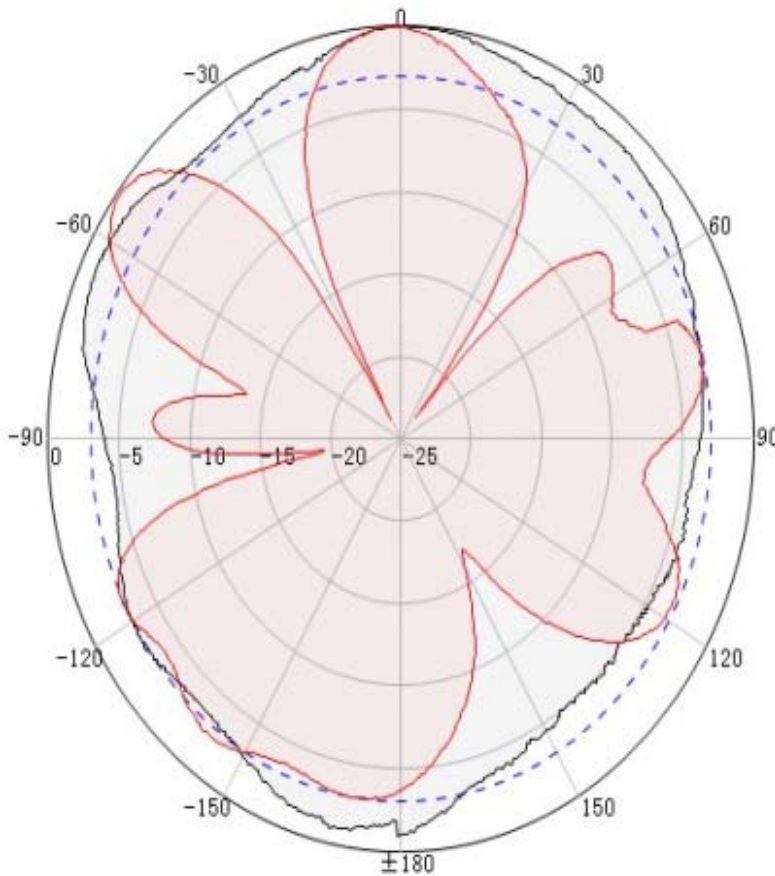




960MHz

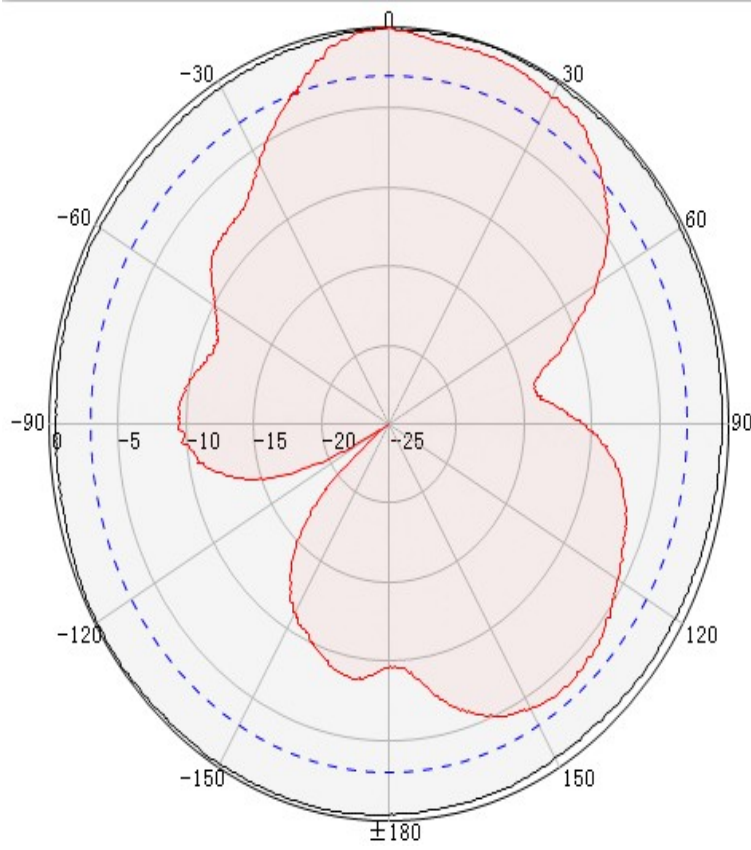


1710MHz





2170MHz



2700MHz

