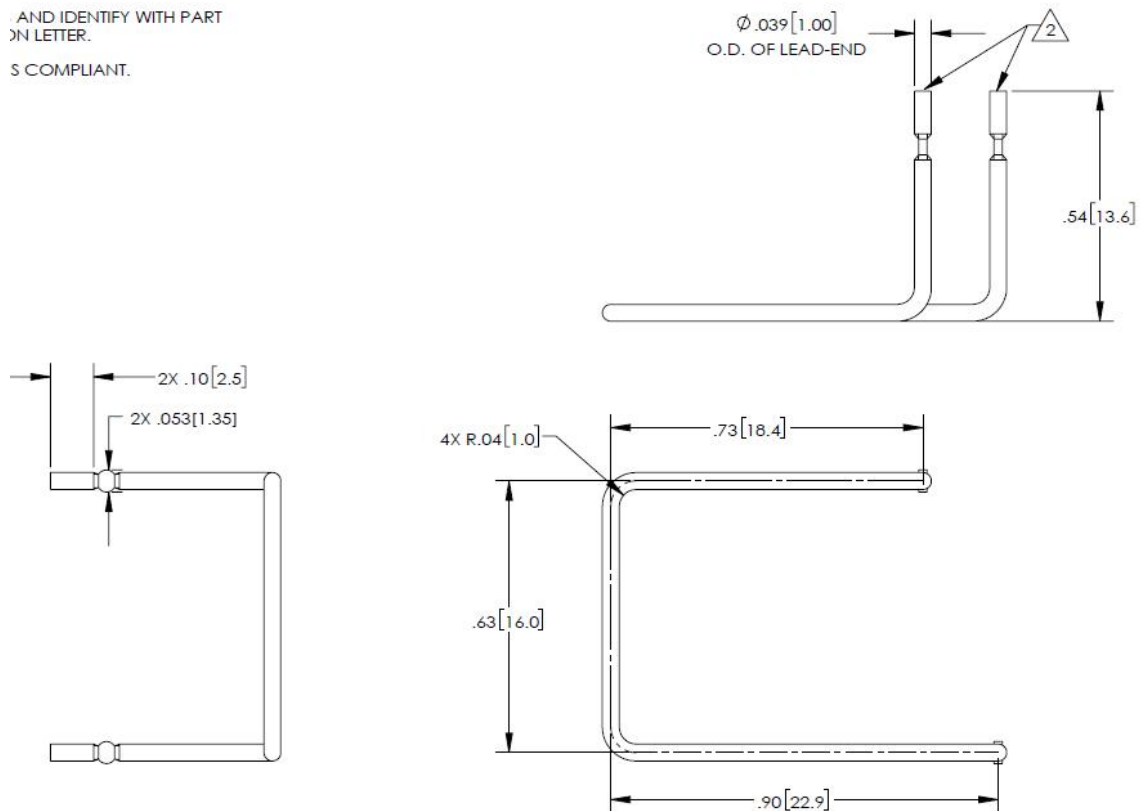


2GIG-FT100-345 Antenna Spec.

1. Mechanical Specification:**1-1. Mechanical Configuration**

The appearance of the antenna is according to drawing, it is a metal small loop antenna.

AND IDENTIFY WITH PART
ON LETTER.
S COMPLIANT.



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL: COPPER CLAD STEEL WIRE, DIAMETER: .039 [1.00]
(.002 [.05] COPPER COATED IN THE OUTSIDE.)

2. CONTROL THE BURR LENGTH TO .003 [.08] MAX.

3. REMOVE ALL BURRS AND SHARP EDGES.

4. BAG AND TAG PARTS AND IDENTIFY WITH PART
NUMBER AND REVISION LETTER.

5. PART SHOULD BE RoHS COMPLIANT.

| UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE INCHES [MM]: | |
|---|---------------------------------|
| TOLERANCES: | |
| DECIMALS | ANGLES: $\pm 0.5^\circ$ |
| .XX \pm .01 [.3] | ROUNDNESS: $\pm .005$ [.13] |
| .XXX \pm .005 [.13] | FLATNESS: $\pm .005$ [.13] |
| | CONCENTRICITY: $\pm .005$ [.13] |

Manufacturer: Linear

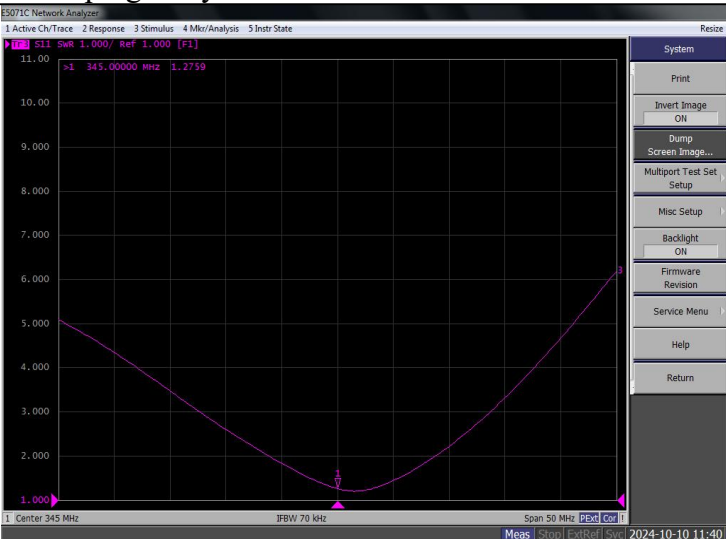
Manufacturer Address: 18/F Tower 2, Foresea Life Center, Banan District, Shenzhen, P.R.C.

2. Electrical Specification:**2-1. Frequency:**



Frequency : 345MHz
2-2. Impedance
50 ohm nominal.

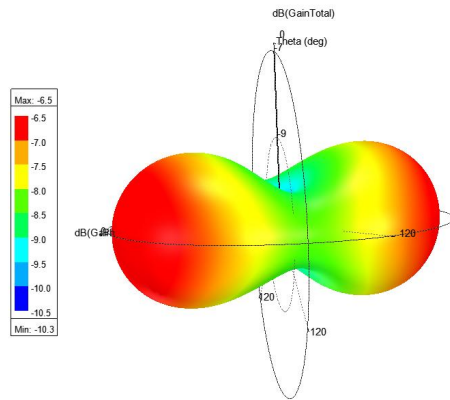
2-3. VSWR
2-3-1. Measurement frequency points and VSWR value

| | |
|------------------------|--|
| Frequency Band (MHz) | 345 |
| 2-3-3. Typical Value: | 1.2 |
| 2-3-4 Measuring Method | 1. A 50Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the VSWR. 2. Keeping away the antenna from metal at least 20 cm |
| 2-3-5 Picture |  |

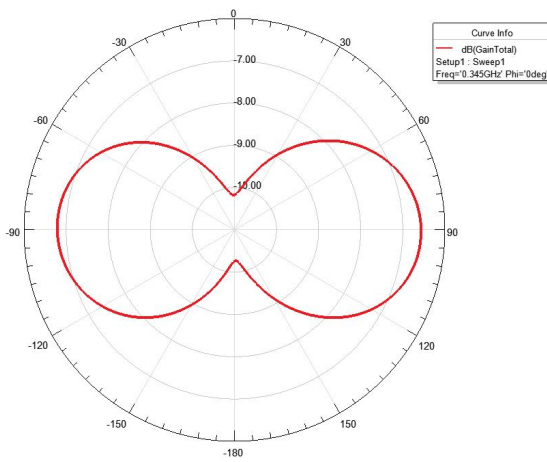
2-4. Efficiency and Gain
2-4-1 Efficiency and Gain

| Freq (MHz) | Gain (dBi) |
|------------|------------|
| 345 | -6.5 |

345. 000MHz 3D



345.000MHz E



345.000MHz H

