

# Antenna Specifications

At Wavelink, our aim is to provide timely and comprehensive services to our customers. If you require any assistance, please contact our headquarters:

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**flex**

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TECHNOLOGIES

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# Catalogue

|          |                                     |          |
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## 1 Product Description

This wavelink antenna covers 915MHz.

## 2 Product Features

Easy to install  
High efficiency  
Removable



## 3 Product Specifications

### Passive Electrical Specifications

|                 |              |
|-----------------|--------------|
| Frequency Range | 915 MHz      |
| Input Impedance | 50 $\Omega$  |
| VSWR            | $\leq 3$     |
| Gain            | $\leq 1$ dBi |

Polarization Type Linear

## Mechanical Specifications

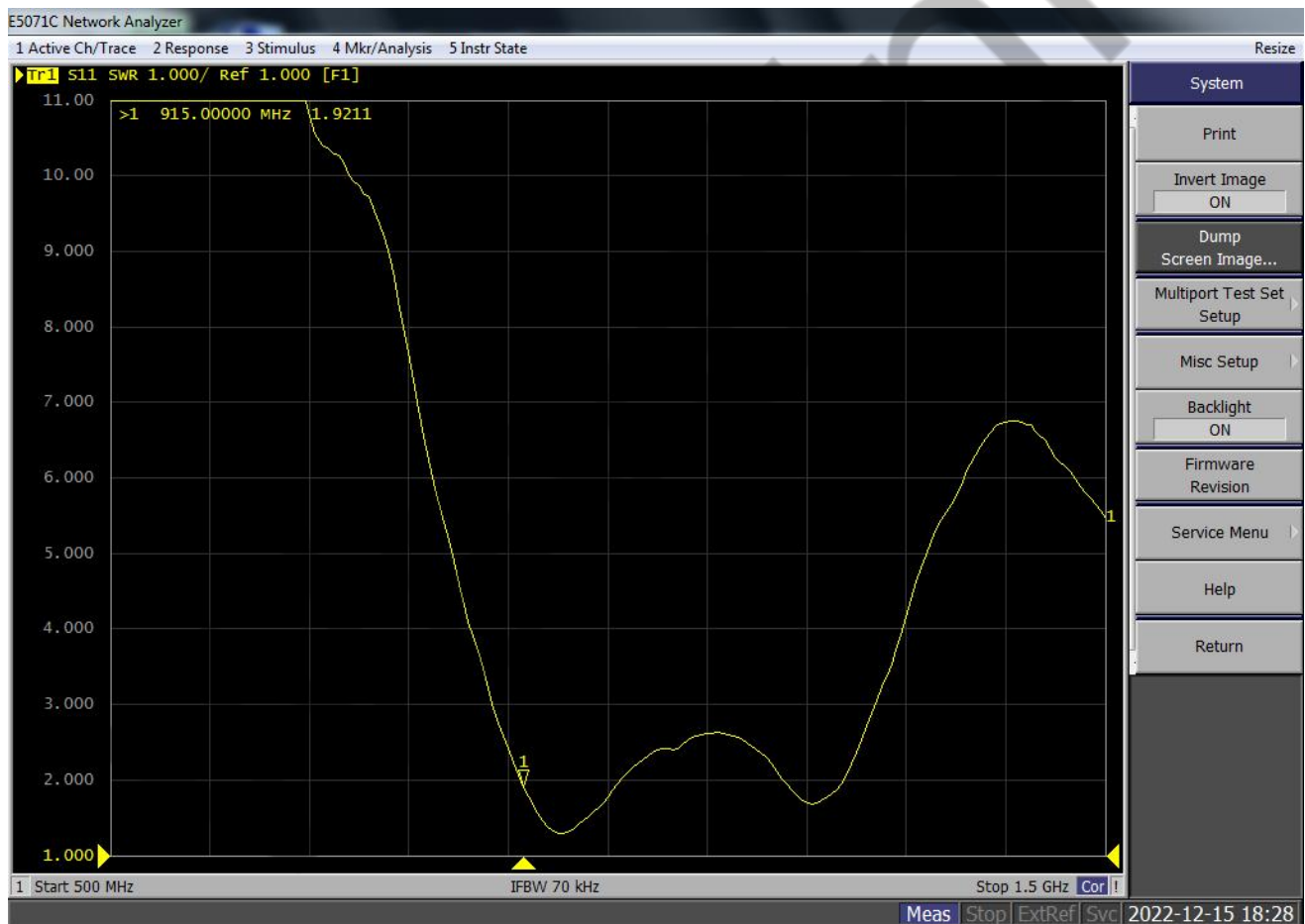
Antenna Size 40mm ×15mm

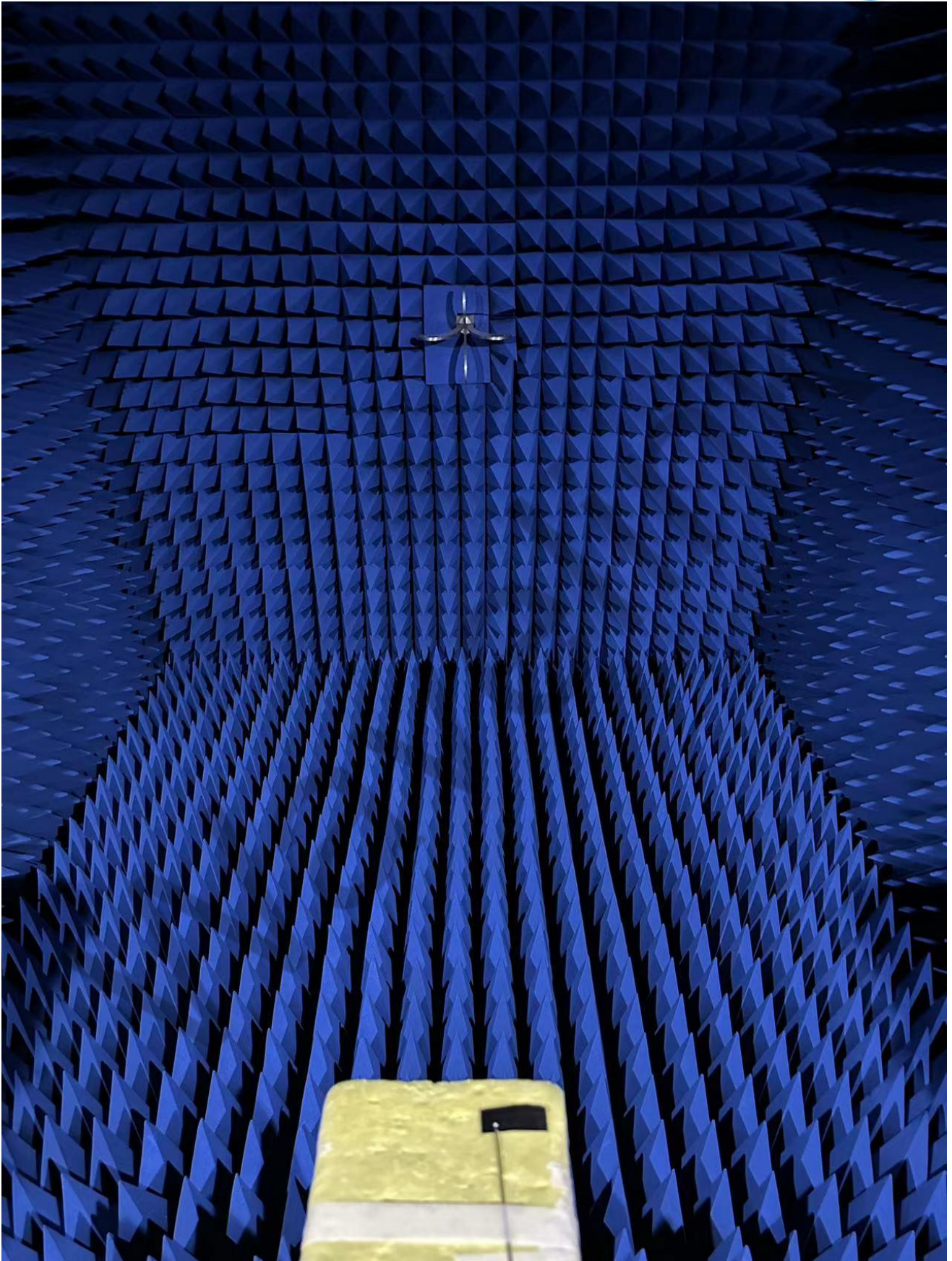
Casing FPC

Working Temperature -40 °C to +85 °C

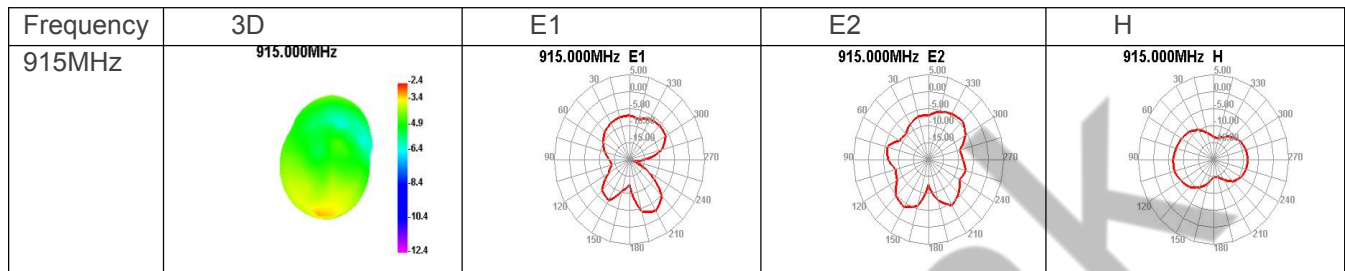
## 4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz





| Freq (MHz) | Effi (%) | Effi (dB) | Gain (dBi) | Gain (dBd) | Max (dB) | Min (dB) | Directivity (dBi) | Beamwidth (3dB) | AttH (dB) | AttV (dB) |
|------------|----------|-----------|------------|------------|----------|----------|-------------------|-----------------|-----------|-----------|
| 900        | 14.18    | -8.48     | -3.73      | -5.88      | -3.73    | -23.6    | 4.76              | 30              | 39.4      | 39.29     |
| 905        | 16.72    | -7.77     | -2.84      | -4.99      | -2.84    | -21.14   | 4.93              | 30              | 39.98     | 39.85     |
| 910        | 13.36    | -8.74     | -3.71      | -5.86      | -3.71    | -23.31   | 5.03              | 30              | 38.82     | 38.71     |
| 915        | 17.87    | -7.48     | -2.37      | -4.52      | -2.37    | -22.22   | 5.1               | 30              | 40.11     | 40.01     |
| 920        | 15.29    | -8.16     | -3.01      | -5.16      | -3.01    | -22.07   | 5.15              | 30              | 39.32     | 39.22     |



## 5 Product Size

