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# SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

Noorio Innovations Limited

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PRODUCT NAME:

2.4GHz L=80MM+I-PEX

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Ren Feng P/N:

U00T02S000N00962

REV: A

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RF Cable Assembly Specification

| Main technical specifications |           |
|-------------------------------|-----------|
| Frequency Range<br>(MHz)      | 2400~2500 |
| Impedance( $\Omega$ )         | 50        |
| VSWR                          | <1.5      |
| Insertion Loss(dB)            | <2.0      |
| Physical Properties           |           |

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|                |                   |
|----------------|-------------------|
| Cable          | 1.13Coaxial Cable |
| Connector      | MHF Plug          |
| Storage Temp   | -20℃~+70℃         |
| Operating Temp | -20℃~+60℃         |

### Antenna Description:

|                  |                  |
|------------------|------------------|
| Antenna type:    | Built in antenna |
| Model:           | H100             |
| Manufacturer:    | RFlink           |
| Frequency range: | 2400~2520MHz     |
| ANT Peak Gain:   | 3dBi             |

The terminal orientation is shown in the figure

80±3

\*76.00±0.20

\*9.20±0.20

RF link 1762A

W/F1-2-V0

RF1

1

2

3

Uniform word height size

4.0

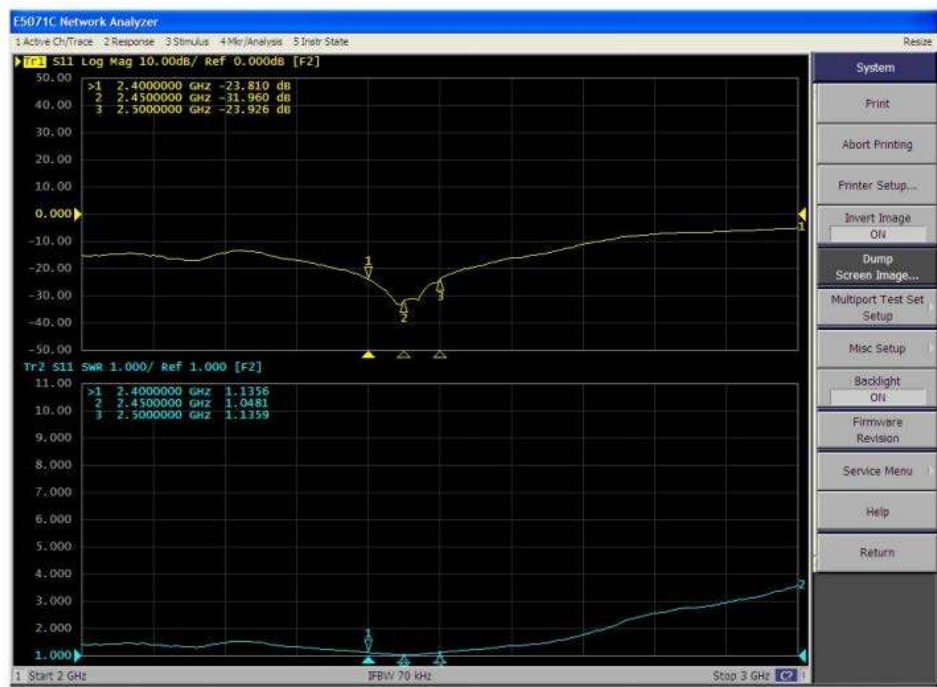
DETAIL A

SCALE:2.5/1

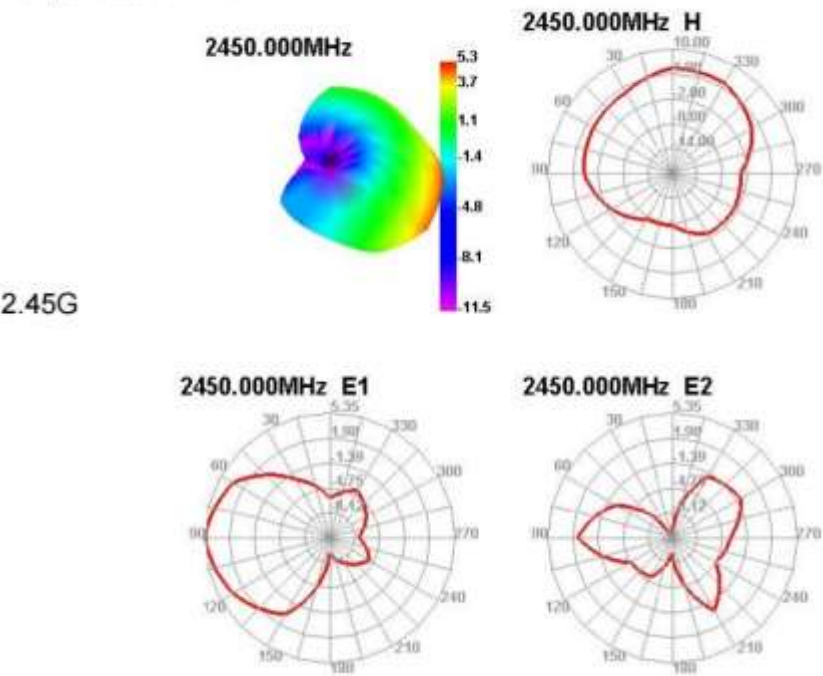
\*1.00±0.10

# End product chart:

## Return Loss-ANT2



## 2D/3D Pattern-ANT2



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## ROHS/Material description

RoHS compliant.

| Serial number | Component name | texture of material | quantity | Quantity unit | Material manufacturer | UL certification number | remarks |
|---------------|----------------|---------------------|----------|---------------|-----------------------|-------------------------|---------|
| 1             | RF CABLE       | FEP                 | 1        | pc            |                       | /                       |         |
| 2             | PCB            | FR-4                | 1        | pc            |                       | /                       |         |
| 3             | I-PEX          | Copper              | 1        | pc            |                       | /                       |         |