



M.gear

WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)

DONGGUAN AEON TECH CO.,LTD.(CHINA)

SPECIFICATION FOR APPROVAL

CUSTOMER: ASUS

PART NAME: RF Antenna Assembly

PART NO.: REVISION:

W. Y. P/NO.: C660-510590-A(SRF20221985) REV.: X2

|               | MANUFACTURER | CUSTOMER  |
|---------------|--------------|-----------|
| APPROVED BY : |              | SIGNATURE |
| DATE :        |              |           |

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# RF Antenna Assembly

## Specification

### 1. Electrical Properties : With housing(Ant4)

|                          |                             |
|--------------------------|-----------------------------|
| 1.1 Frequency Range..... | 5.15~7.125 GHz              |
| 1.2 Impedance .....      | 50Ω Nominal                 |
| 1.3 VSWR .....           | 1.58 : 1 Max.               |
| 1.4 Return Loss.....     | 13 dB Min.                  |
| 1.5 Radiation .....      | Omni-directional            |
| 1.6 Peak Gain.....       | 5.15~7.125 GHz @ 2.43 dBi   |
| 1.7 Cable Loss.....      | 0.93 dB Max.                |
| 1.8 Polarization.....    | Linear                      |
| 1.9 Cable.....           | 1.37 Low loss Coaxial cable |
| 1.10 Connector.....      | I-PEX MHF Connector         |
| 1.11 Core.....           | N/A                         |

### 2. Physical Properties :

|                          |               |
|--------------------------|---------------|
| 2.1 Operating Temp. .... | -10°C ~ +60°C |
| 2.2 Storage Temp. ....   | -10°C ~ +70°C |

# Return Loss Results

ANT4 (5150MHz~7125MHz) (Criterion:>13 dB)

