



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

DONGGUAN AEON TECH CO.,LTD.(CHINA)

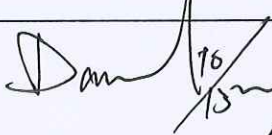
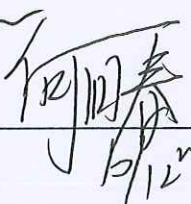
## SPECIFICATION FOR APPROVAL

CUSTOMER: 創捷

PART NAME: RF Antenna Assembly

PART NO.: REVISION:

W. Y. P/NO.: C2108-510001-A(SRF20221657) REV.: X1

|                  | MANUFACTURER<br>SIGNATURE                                                                    | CUSTOMER<br>SIGNATURE |
|------------------|----------------------------------------------------------------------------------------------|-----------------------|
| APPROVED<br>BY : | <br>16/12  |                       |
| DATE :           | <br>16/12 |                       |

### WHA YU GROUP

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# RF Antenna Assembly

## Specification

### 1. Electrical Properties : With Cable loss

|                          |                                           |
|--------------------------|-------------------------------------------|
| 1.1 Frequency Range..... | 2.4 ~ 2.5 , 5.15~5.825, 5.925~7.125 GHz   |
| 1.2 Impedance .....      | 50Ω Nominal                               |
| 1.3 VSWR .....           | 1.92 : 1 Max.                             |
| 1.4 Return Loss.....     | 10 dB Min.                                |
| 1.5 Radiation .....      | Omni-directional                          |
| 1.6 Peak Gain.....       | 2.4-2.5GHz < 3.82dBi                      |
|                          | 5.15-5.825 GHz < 3.77dBi                  |
|                          | 5.925-7.125 GHz < 4.38dBi                 |
| 1.7 Cable Loss.....      | 0.3 dB Max.                               |
| 1.8 Polarization.....    | Linear                                    |
| 1.9 Cable.....           | RG-178 Cable                              |
| 1.10 Connector.....      | BIG SMA Straight Plug Standard For RG-178 |

### 2. Physical Properties :

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