



SPECIFICATION FOR APPROVAL

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|---------------------|------------------|
| CUSTOMER : | ORVIBO |
| CUSTOMER MODEL NO : | Mixpad D |
| XUNDA PRODUCT P/N : | XD1C-A038F2D-11A |
| PRODUCT TYPE : | 2.4GHZ |
| REVISION: | V0.1 |
| DATE: | 2022-04-23 |

| XUNDA TECHNOLOGY | | | CUSTOMER APPROVED | | |
|------------------|------------|-------------|-------------------|------------|-------------|
| PREPARED BY | CHECKED BY | APPROVED BY | PREPARED BY | CHECKED BY | APPROVED BY |
| Huanghuixin | Zhangxun | Duanwei | | | |



Version Information

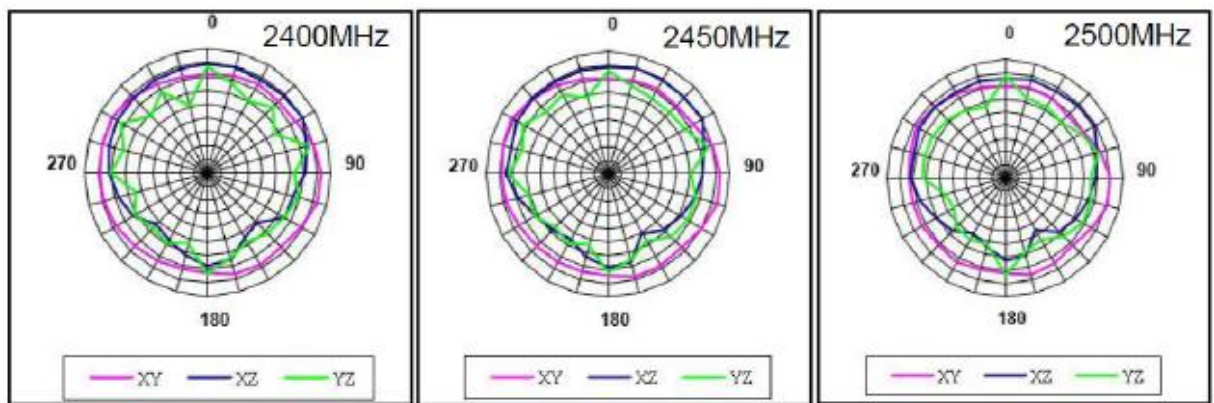
| Date | Revision | Comment | Author |
|------------|----------|------------------|-------------|
| 2022-04-23 | 0.1 | Initial released | Huanghuixin |
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3. Overall performance

| Items | Specification |
|-----------------------------|------------------|
| Frequency Range | 2.4-2.5 GHz |
| Feed Impedance | 50±10 Ω |
| Gain | 2 dBi@2.4-2.5 |
| VSWR | <2.0@2.4-2.5 |
| Admitted Power | 10W |
| Polarization | Linear, Vertical |
| Connector Type | RF Cable |
| Antenna Base | PCB |
| Operating Temp | -20°C ~ +65°C |
| Operating Relative Humidity | 5%RH ~ 95%RH |
| Storage Temp | -30°C ~ +75°C |
| Storage Relative Humidity | 5%RH ~ 95%RH |

3. Radiation Pattern&Gain

| Passive Test for 2.4G | | | |
|-----------------------|----------|-----------|---------------|
| Frequency (MHz) | Effi (%) | Effi (dB) | Gain (dBi) |
| 2400.00 | 20.13 | -6.52 | 1.52 |
| 2410.00 | 21.52 | -6.75 | 1.63 |
| 2420.00 | 22.35 | -6.53 | 2.00 |
| 2430.00 | 19.85 | -6.37 | 1.35 |
| 2440.00 | 21.32 | -6.52 | 1.84 |
| 2450.00 | 21.56 | -6.45 | 1.63 |
| 2460.00 | 21.52 | -6.21 | 1.68 |
| 2470.00 | 21.62 | -6.13 | 1.93 |
| 2480.00 | 20.36 | -6.52 | 1.68 |
| 2490.00 | 22.58 | -6.39 | 1.96 |
| 2500.00 | 19.85 | -6.85 | 1.95 |



5. Product Drawing

