

## Letter of admission

Mode:D-XR070RA

|                       |            |            |            |
|-----------------------|------------|------------|------------|
| <b>Chang<br/>Feng</b> | <b>ME</b>  | <b>RF</b>  | <b>QC</b>  |
| <b>Signature</b>      | Liu Yanqin | WeiXing    | Liu Yanqin |
| <b>date</b>           | 2022/07/21 | 2022/07/21 | 2022/07/21 |
| <b>CUSTOMER</b>       | <b>ME</b>  | <b>MD</b>  | <b>QC</b>  |
| <b>Signature</b>      | Liu Yanqin | WeiXing    | Liu Yanqin |
| <b>date</b>           |            |            |            |

| date       | versions | condition         |
|------------|----------|-------------------|
| 2022/07/21 | A        | fpcSample antenna |

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## **1**summarize

This report is mainly used to describe the D-XR070RA antenna acceptance letter.

## **2**Description of machine

The D-XR070RA antenna network mode is 2.4G, and the antenna is at the bottom of the top side of the device in FPC mode.

## **3** Debugging Settings

### **3.1** VSWR and Return Loss

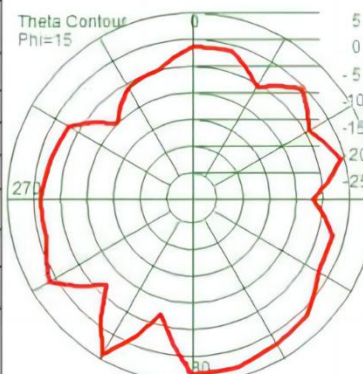
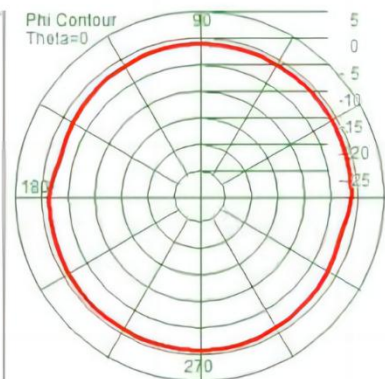
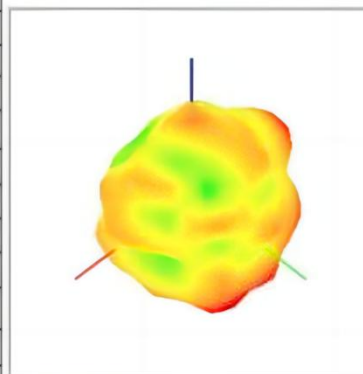
The VSWR was tested using an Agilent E5062B attached to a hand mechanism in a free-space state.

3.2 TRP/TRS was tested in ETS 5m×4m×3m 3D darkroom using Agilent8960(5515C).

### **3.3** (Matching Circuit Description)

The match has not changed.

The image shows a microwave network analyzer (MNA) screen with a Smith chart plot. The plot displays the SWR (Standing Wave Ratio) across a frequency range from 500.000 GHz to 3.000 GHz. The trace starts at a high SWR (around 1.4233) at 500 GHz, drops to a minimum (around 1.3500) at 2.400 GHz, and then rises to a peak (around 1.4500) at 3.000 GHz. The screen also displays various parameters like S11, SWR, and REF 1. The frequency is set to 2.500 GHz. The plot is labeled "MARKER 3 2.5 GHz".

2400-2480M

5Structural assembly drawing

