

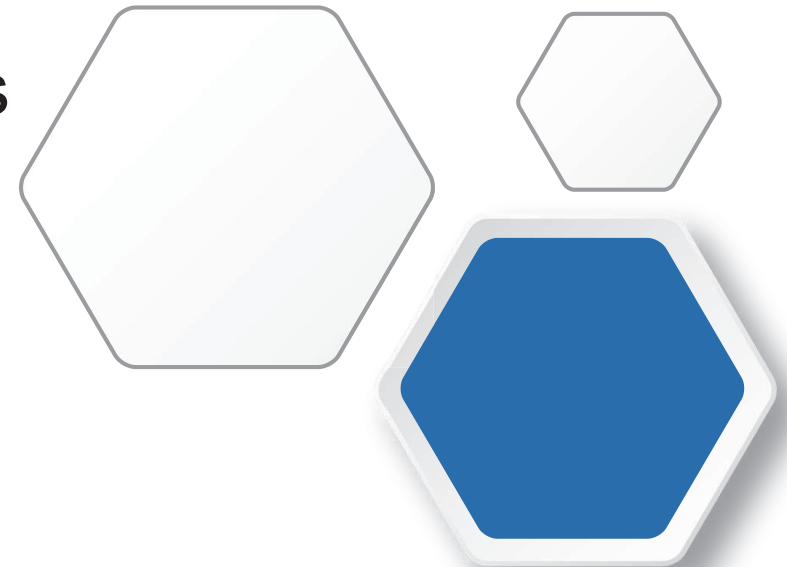


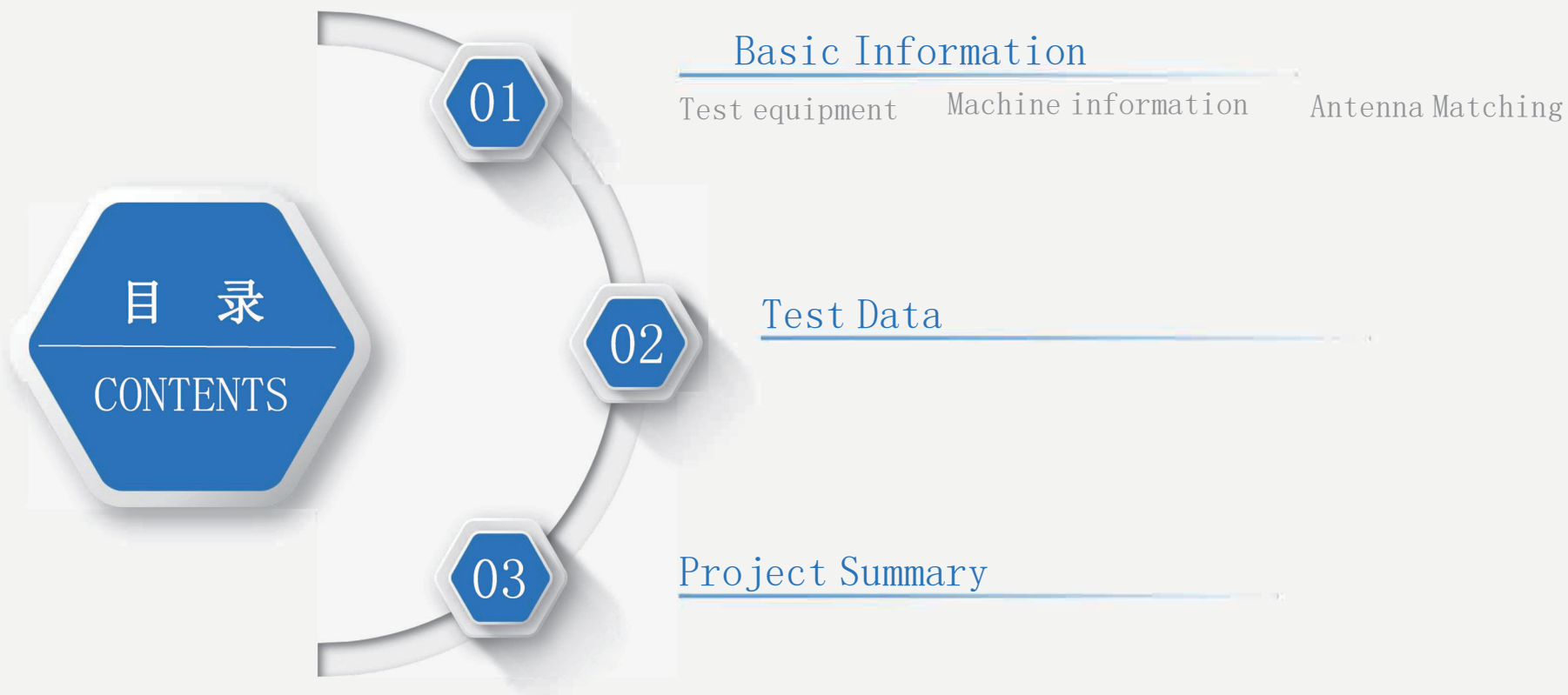
# Topband Internet of Things

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Antenna Report

RF Engineer: JERRY





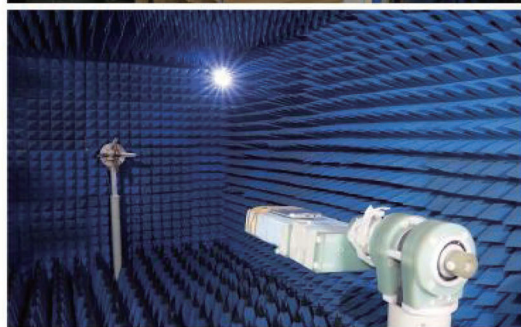


## Basic information

【SATIMO】



【广屏】



## Test system

➤ SATIMO, Agilent E5071C, Anritsu MT8820C, CMW500, StarPointSP9500

### SATIMO暗室-配备

Anritsu综测仪8820c/Agilent网分5071C/Agilent综测仪E4438C

### 广屏暗室-配备

Agilent-综测仪8960/罗德-cmw500

### 调试网分

Agilent 网分5071C



## Basic information



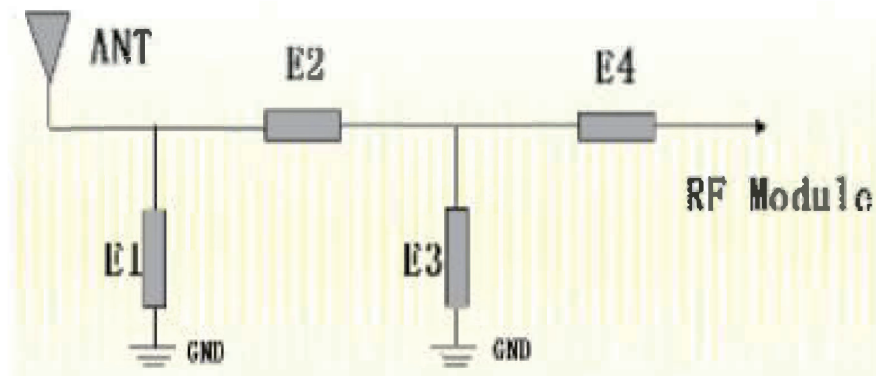
## machine data

Antenna Model: IMIKI HOLO Ultra

Antenna frequency: 2.4GHz, Bluetooth frequency band



Basic information

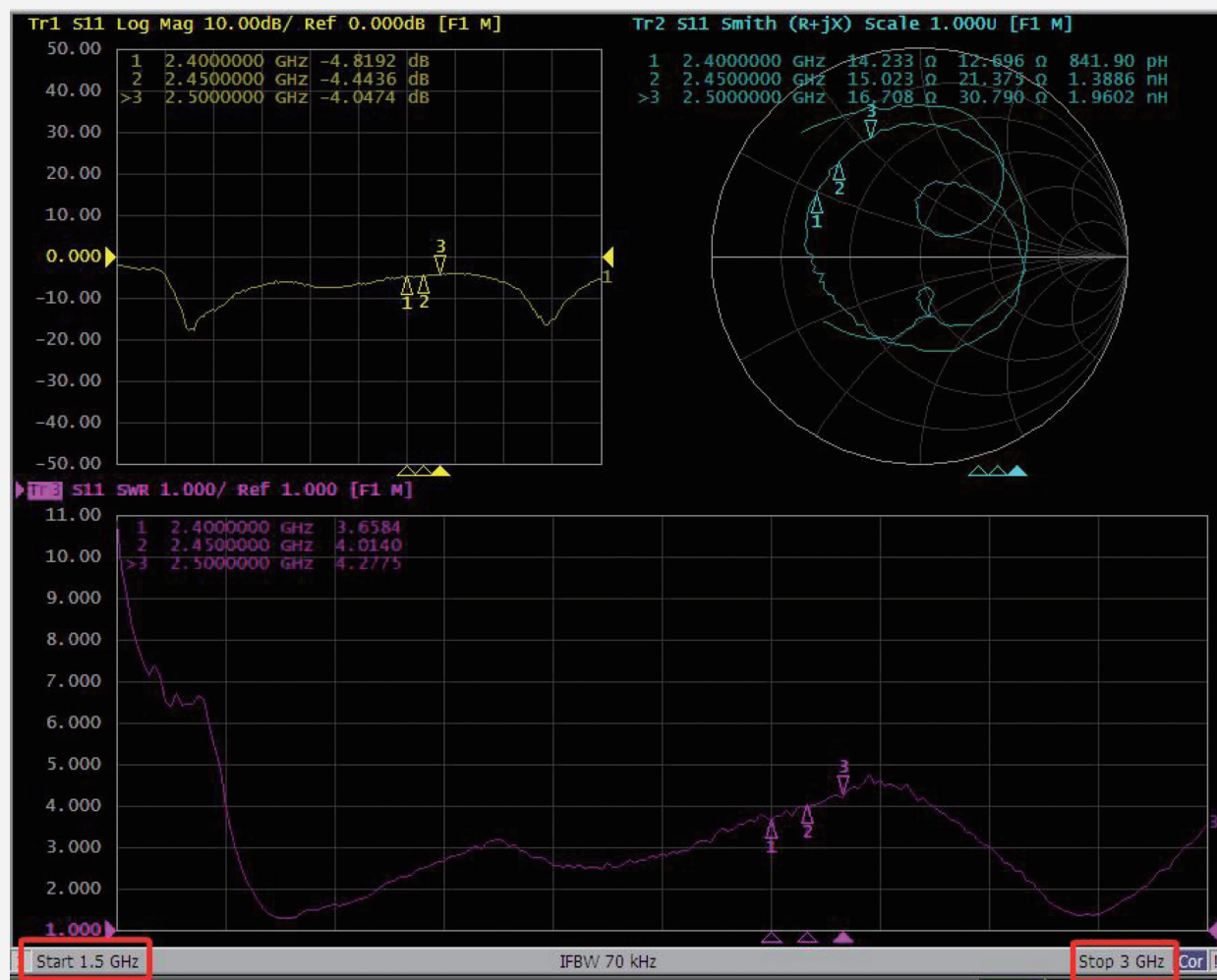


Antenna circuit matching description



test data

(SWR/Log Mag /Smith)



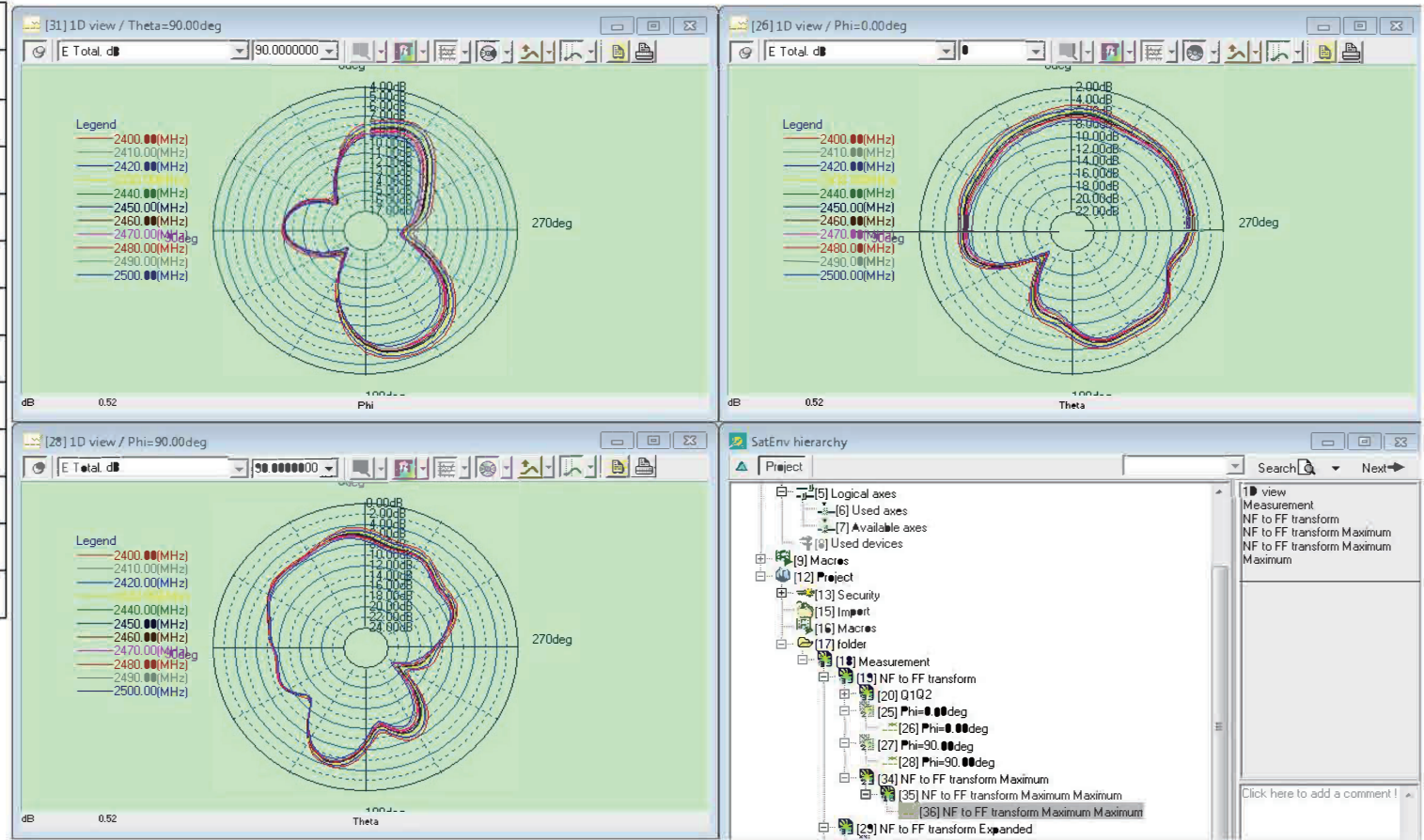




test data

### 2400-2500MHz Efficiency

| Frequency | Efficiency | Gain. dBi |
|-----------|------------|-----------|
| 2400MHz   | 14%        | -3.63     |
| 2410MHz   | 13%        | -3.93     |
| 2420MHz   | 13%        | -3.98     |
| 2430MHz   | 12%        | -4.26     |
| 2440MHz   | 12%        | -4.51     |
| 2450MHz   | 12%        | -4.46     |
| 2460MHz   | 11%        | -4.59     |
| 2470MHz   | 11%        | -4.86     |
| 2480MHz   | 11%        | -4.76     |
| 2490MHz   | 10%        | -4.91     |
| 2500MHz   | 10%        | -5.15     |





# ANT. LOCATION

