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KW248G, The antenna test report

Radio frequency: Li Gong

Time: 2024.03.30

catalogue

CONTENTS

basic information

test macro

- SATIMO，Agilent E5071C，Anristu MT8820C ，
  CMW500 StarPointSP9500

SATIMO暗室-配备

Anritsu综测仪8820c/Agilent网分5071C/Agi-lent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

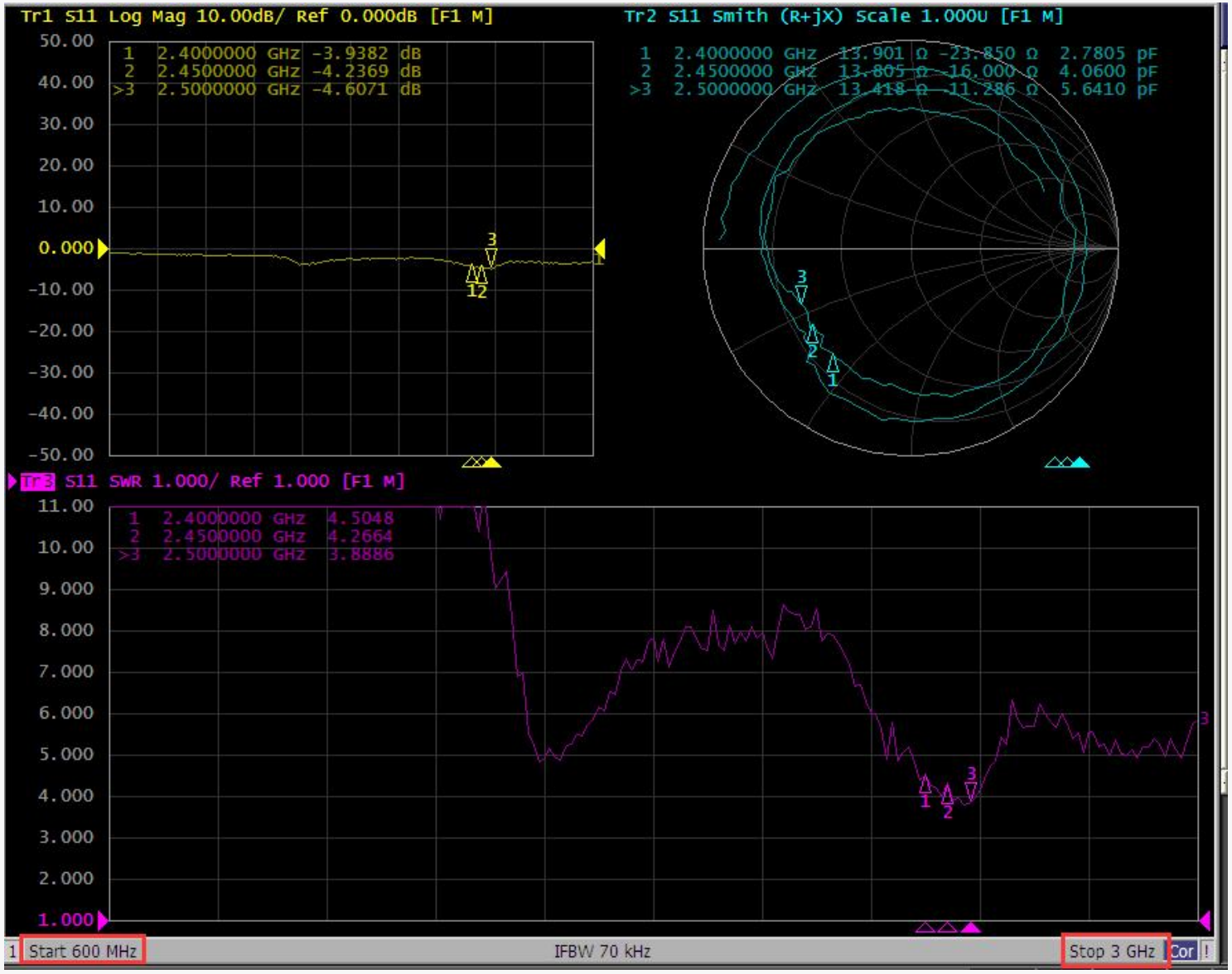
basic information

Complete machine data: machine data

- Customer name: Chiavo
- Project name: KW248G
- Frequency band information: BT

test
data:testdata

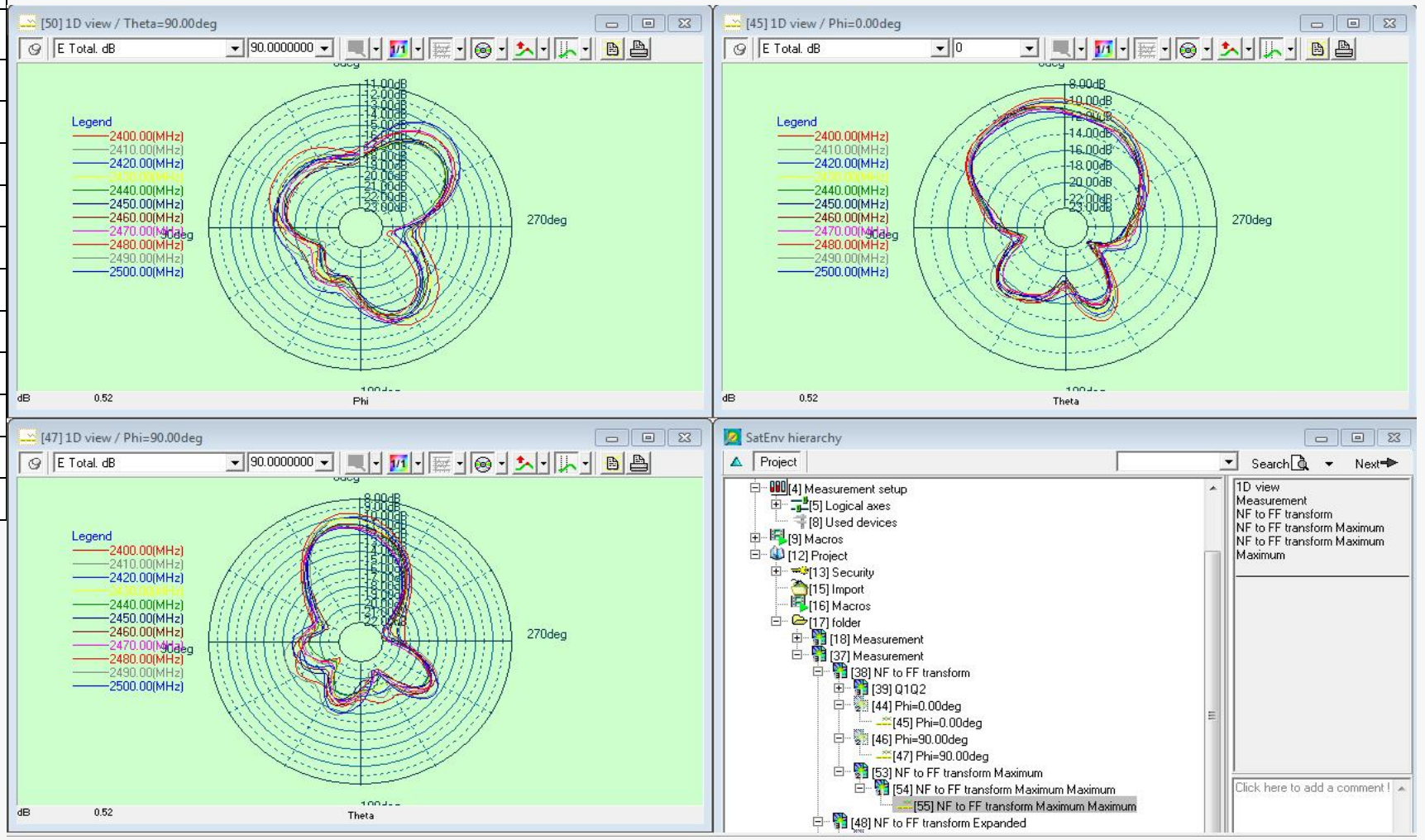
BT antenna passive map- (SWR / Log Mag / Smith)



test
data:testdata

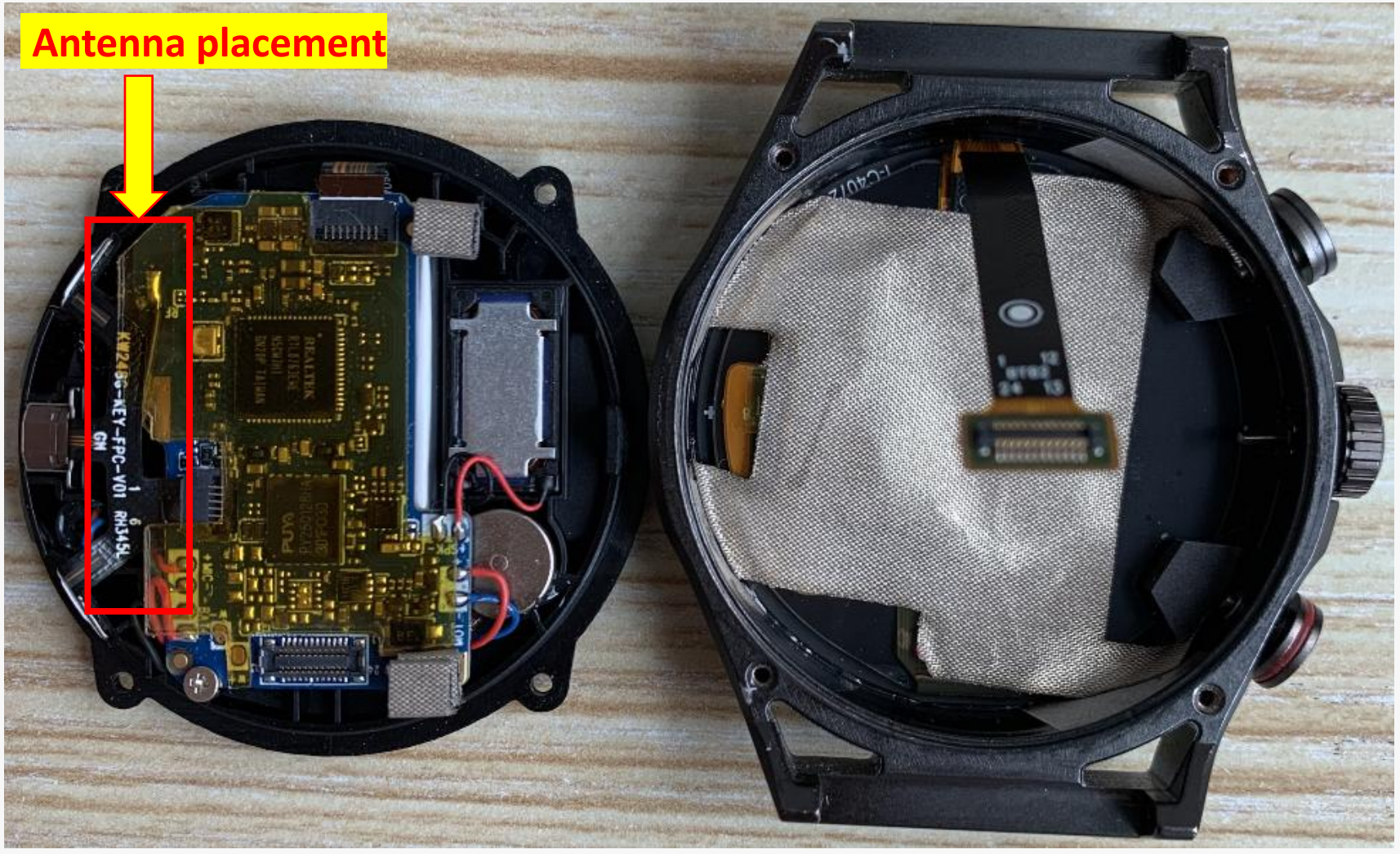
BT antenna passive data- (efficiency / gain / orientation diagram)

2400-2500MHZ Efficiency		
Frequency	Efficiency	Gain.dBi
2400MHz	3%	-8.54
2410MHz	3%	-8.83
2420MHz	3%	-8.99
2430MHz	3%	-9.14
2440MHz	2%	-9.44
2450MHz	3%	-9.34
2460MHz	3%	-9.54
2470MHz	2%	-9.69
2480MHz	3%	-9.19
2490MHz	3%	-9.30
2500MHz	3%	-9.58



antenna position:

1. The antenna is in the form of Bluetooth cable, welded on the front of the motherboard and worn to the side of the motherboard.
2. It is recommended that the end of the antenna is fixed with double-sided adhesive foam.
3. The environment processing is the original machine state of the customer without change.



Planning summary

Planning to summarize

The above report is the KW248G customer supply machine, and the passive test report.

THANK YOU

May you have a calm heart in the complicated and noisy world

- -Tv