



Antenna Design and Data Report

Frequency band: 2400 - 2483.5 MHz

Finished date: Nov. 21,2022

Manufacturer: SHENZHEN HUAYUE WORLDCOM SOFTWARE TECHNOLOGY CO.,LTD



基础信息

Basic information



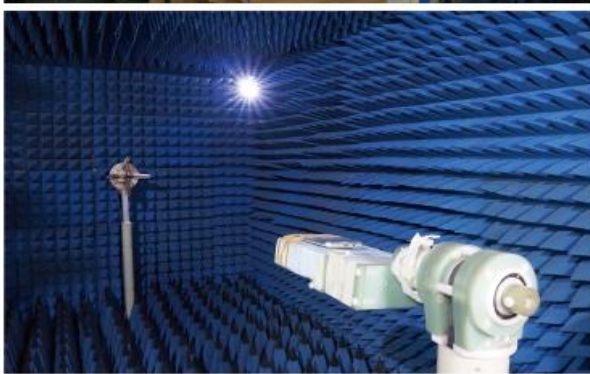
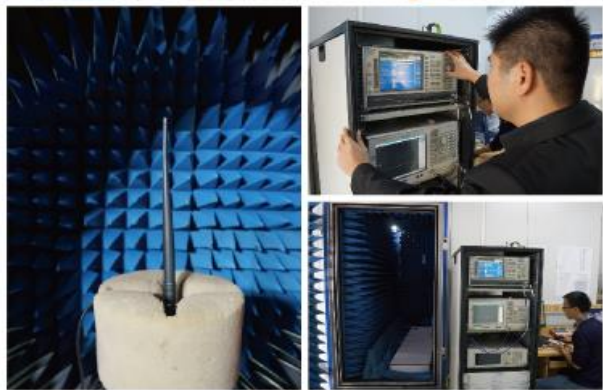
基础信息

Basic information

【SATIMO】



【广屏】



测试系统

- SATIMO暗室配备：
Anritsu MT8820C /Agilent E5071C/StarPoint SP9500
- ETS暗室配备：
CMW500/Agilent 8960
- 网络分析仪：
Agilent E5071C



基础信息

Basic information

S2





Testing Data

Planning to summarize



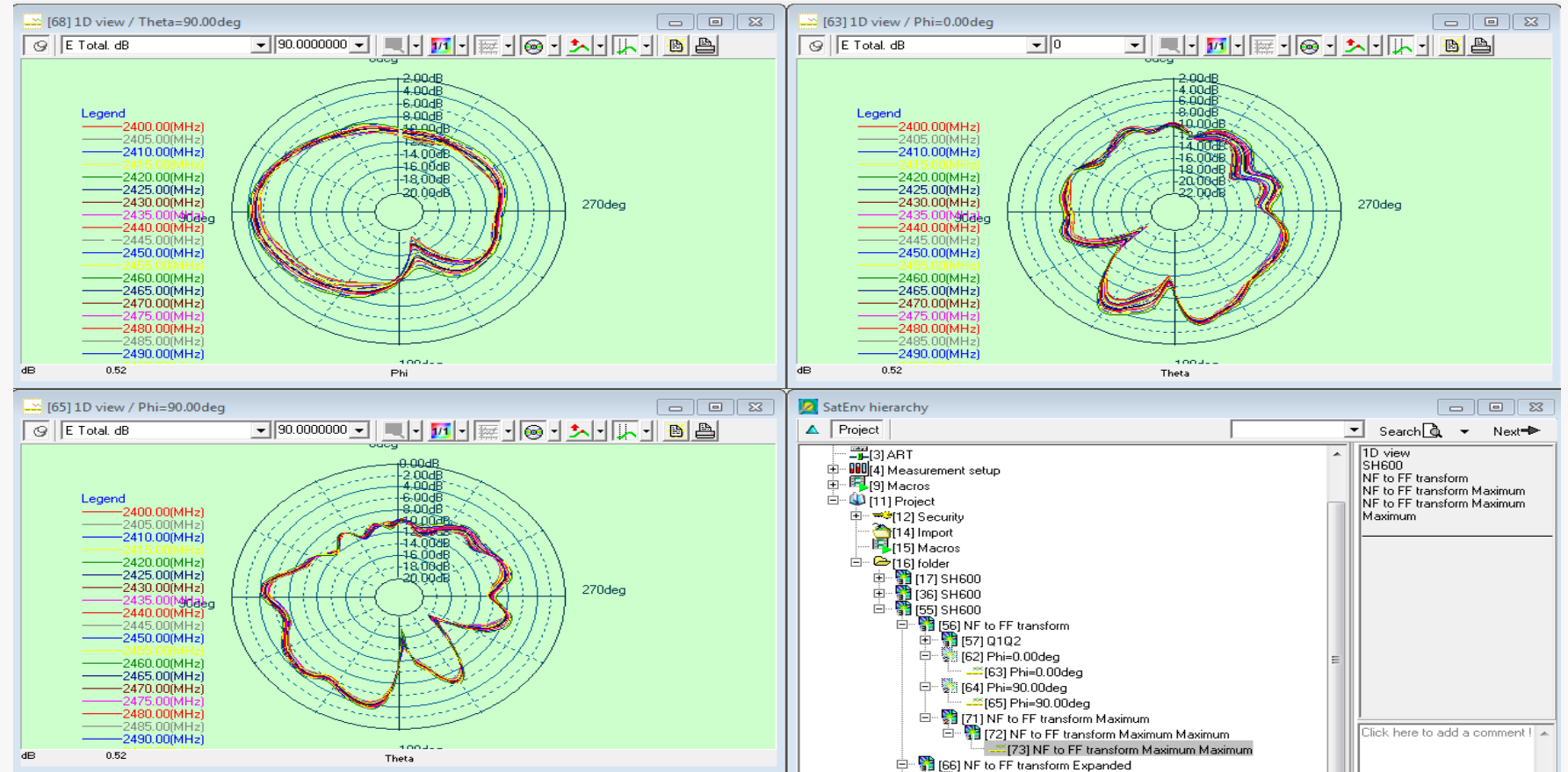
Passive data (return loss/Smith/standing wave chart)





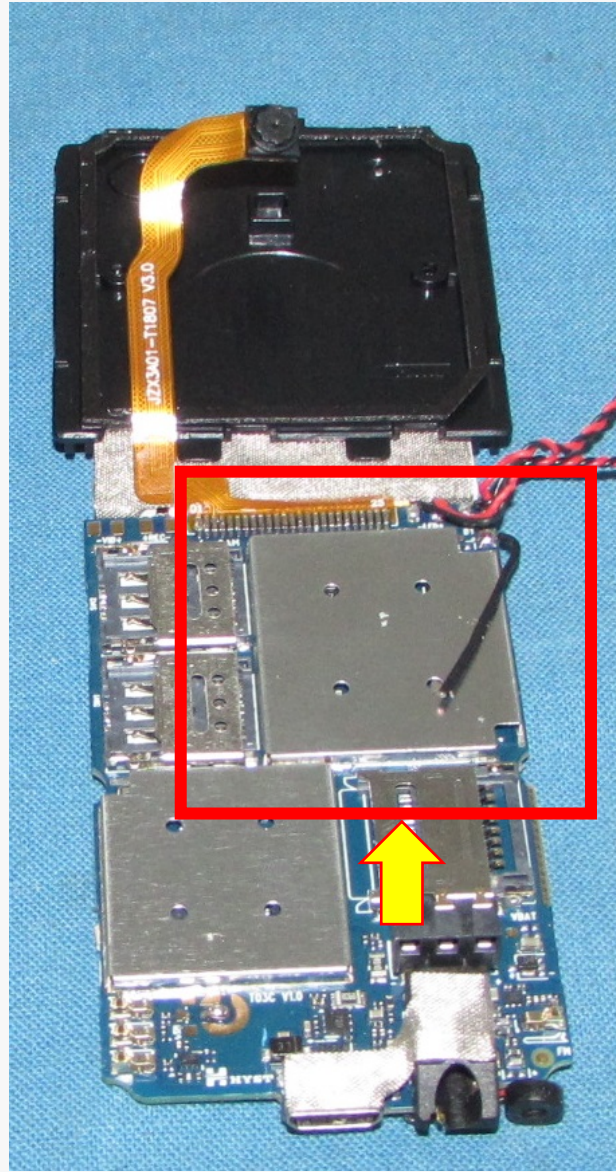
data (efficiency/gain/direction)

Frequency	Efficiency	Gain . dBi
2400MHz	9%	0.95
2405MHz	9%	0.64
2410MHz	9%	0.62
2415MHz	10%	0.57
2420MHz	10%	0.48
2425MHz	10%	0.45
2430MHz	11%	0.77
2435MHz	11%	0.74
2440MHz	11%	0.37
2445MHz	12%	1.11
2450MHz	12%	0.53
2455MHz	12%	0.47
2460MHz	12%	0.48
2465MHz	11%	0.53
2470MHz	11%	0.58
2475MHz	13%	0.48
2480MHz	12%	0.24
2485MHz	13%	0.77
2490MHz	13%	0.18
2495MHz	13%	0.88
2500MHz	12%	0.71





Antenna location





Antenna Specification

length: 20mm
OD: 0.8mm

