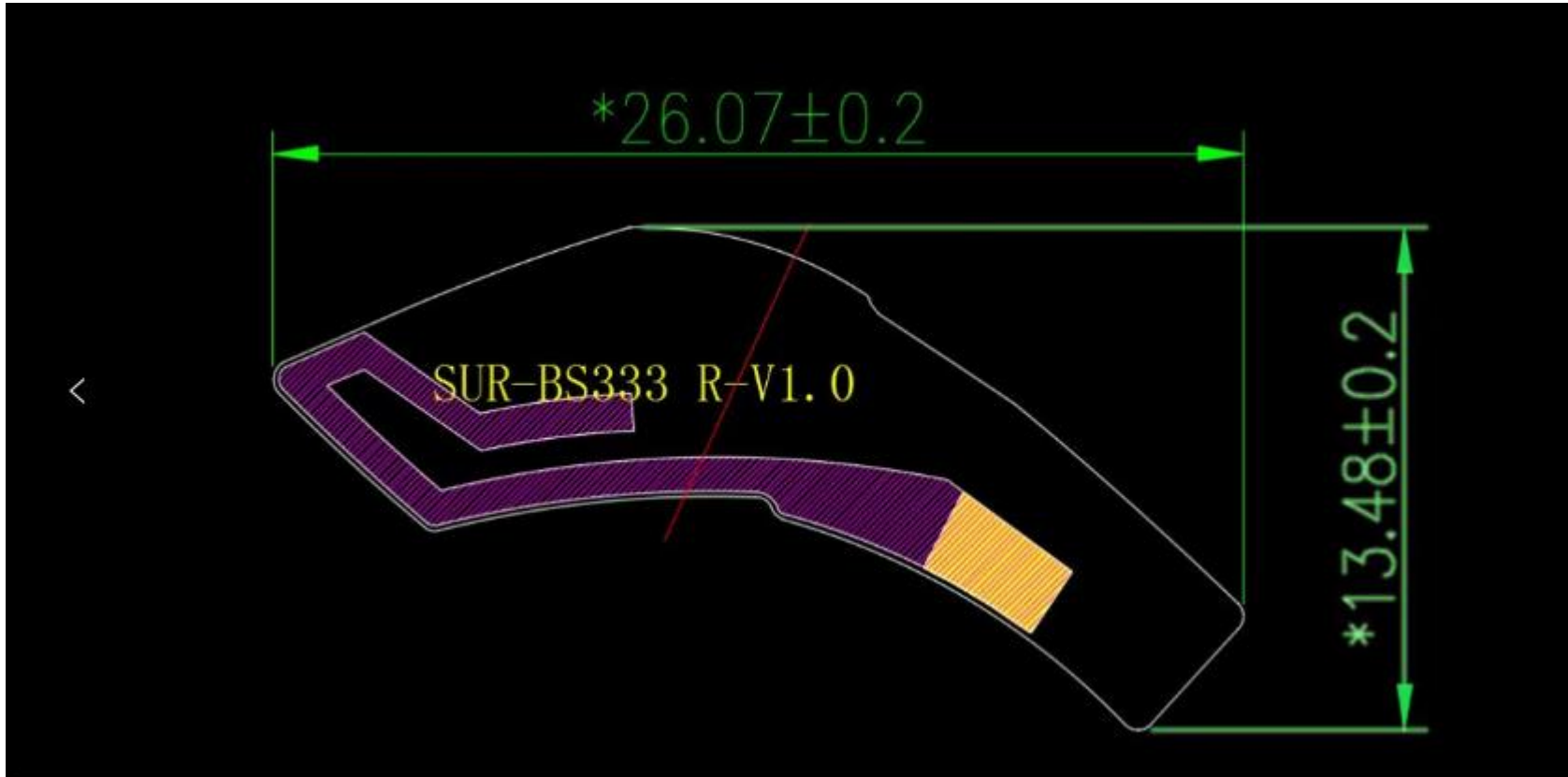


BT Antenna Test Report



Customer	Sabbat
Project	M100
Antenna Revision	A0
Prepared by	
Checked by	
Date:	2023.3.20

1. Product Overview & Dimension



Purpose

This report is to measure the performance of BT antenna for .The antenna operating frequency at 2.4-2.5GHz, All test data are showed as below.

Content

1. Product Overview & Dimension
2. Test system
3. Antenna Matching Network
4. Test Result

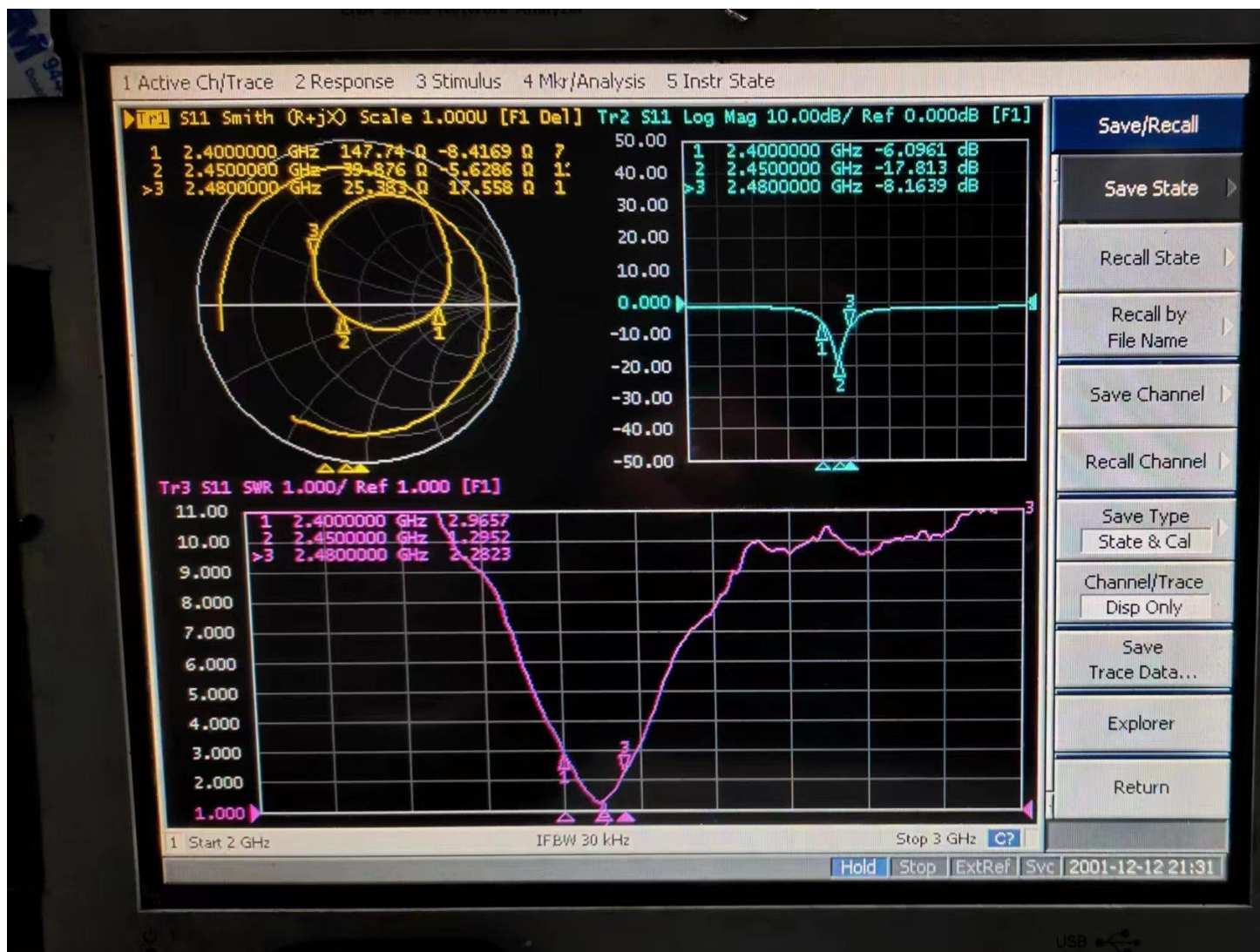
2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



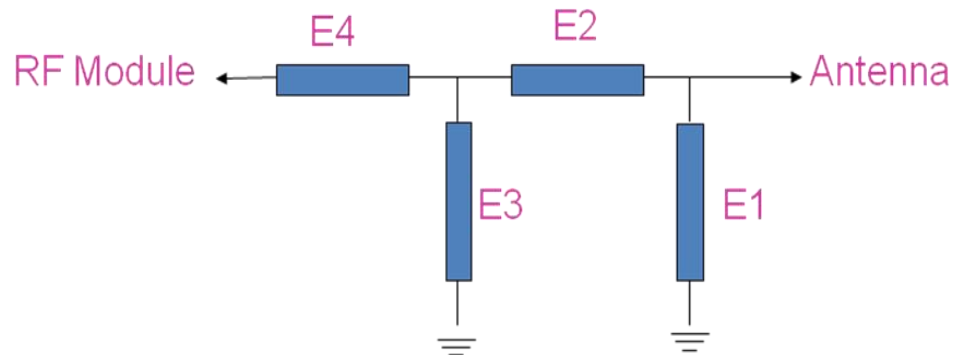
3. Test Result

4.1 S11 Parameter



3. Test Result

天线匹配



Element	Value
E1	3.3PF
E2	0Ω
E3	N/A

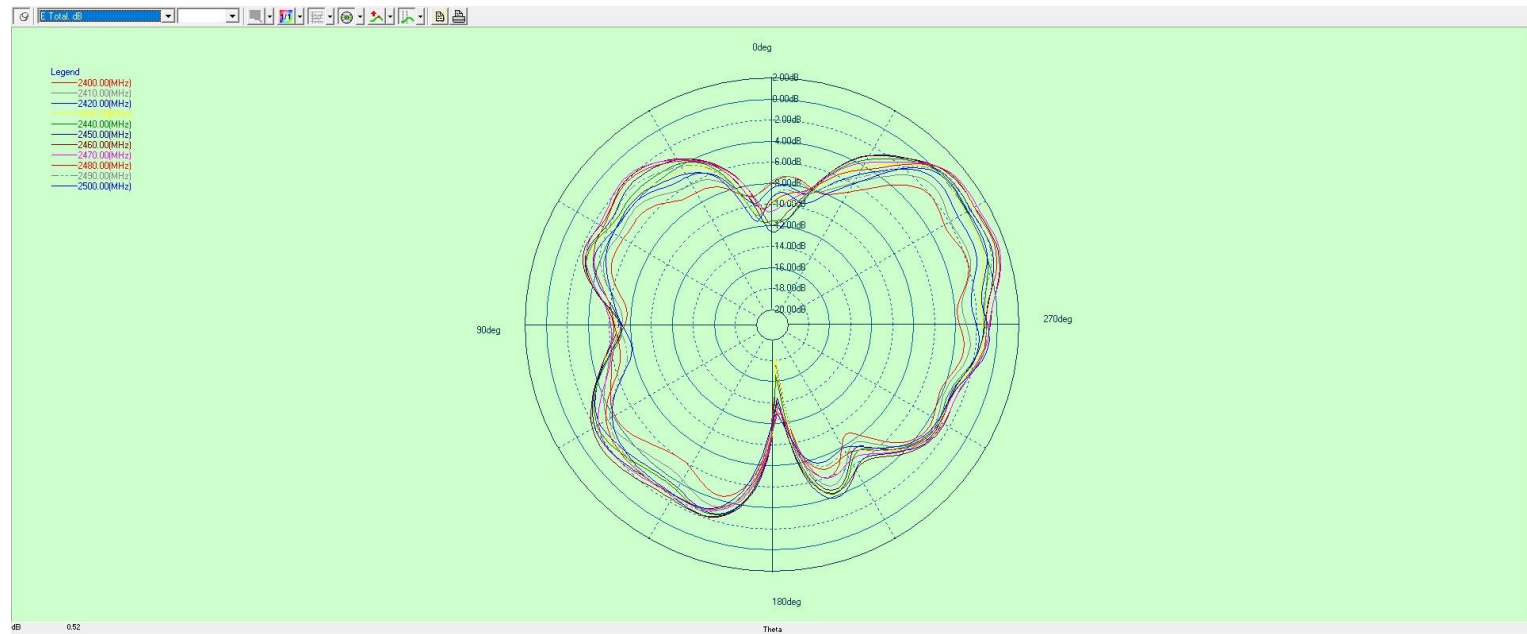
Test Result

Gain & Efficiency——ANT

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	26.54%	1.17
2410	29.93%	1.36
2420	34.26%	1.78
2430	37.10%	1.97
2440	37.89%	1.88
2450	41.12%	2.06
2460	44.66%	2.87
2470	42.56%	2.34
2480	38.17%	1.56
2490	35.02%	1.12
2500	32.50%	0.82

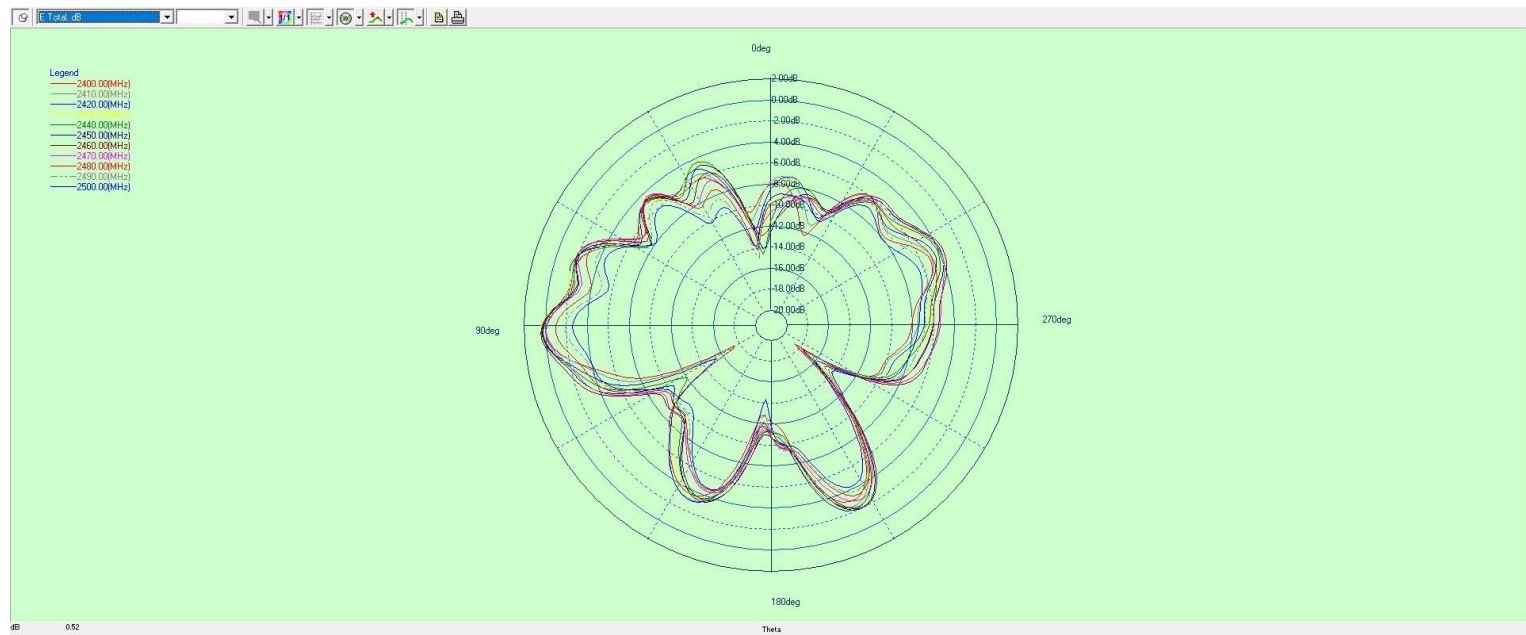
Test Result

2D Pattern



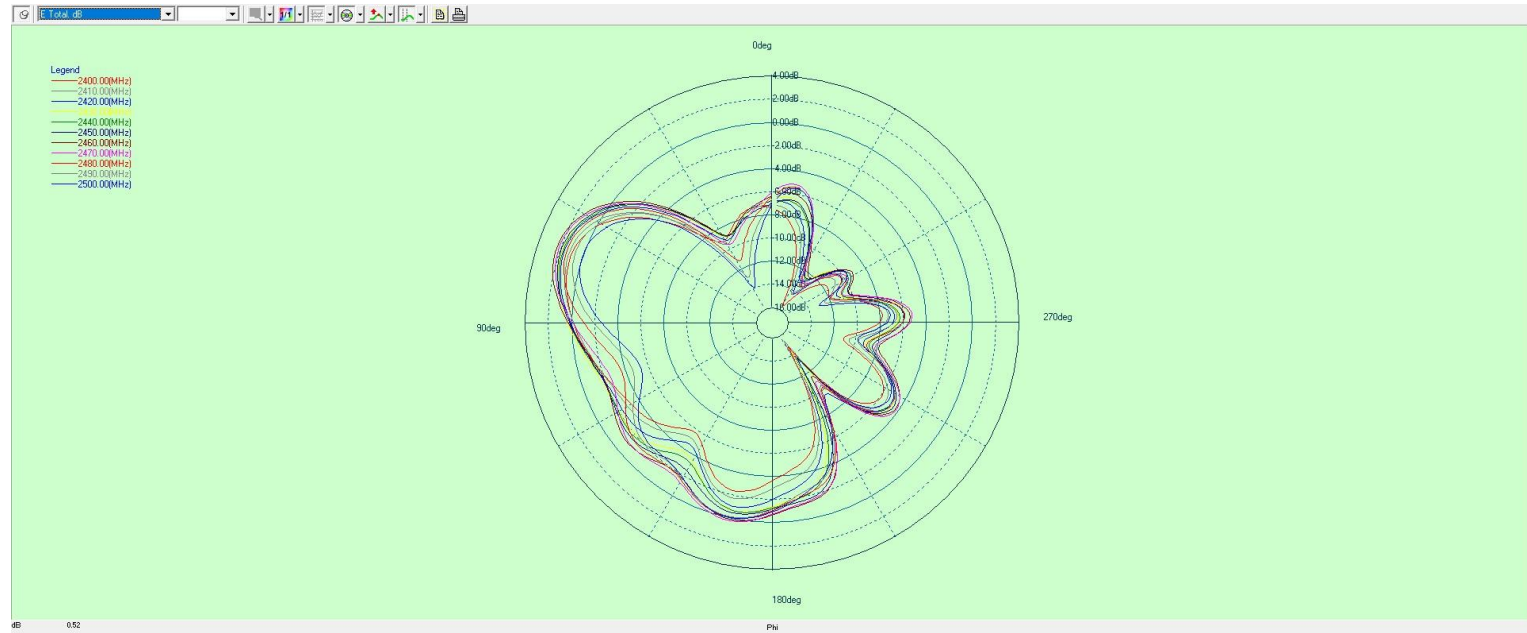
Test Result

2D Pattern



Test Result

2D Pattern



Thank you!