

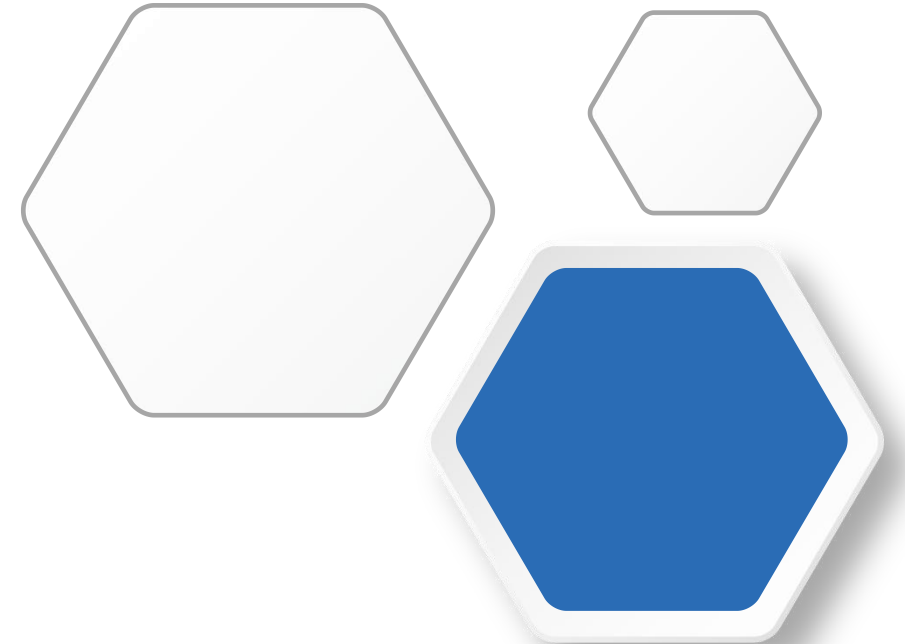


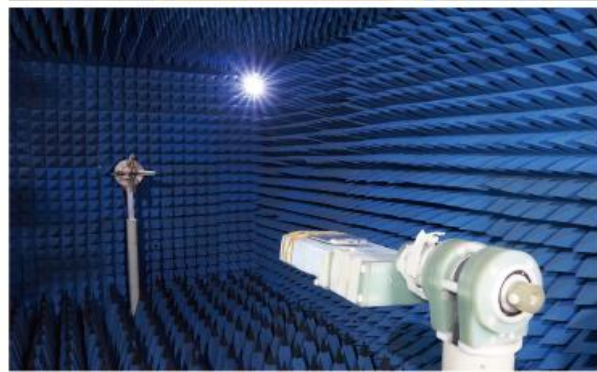
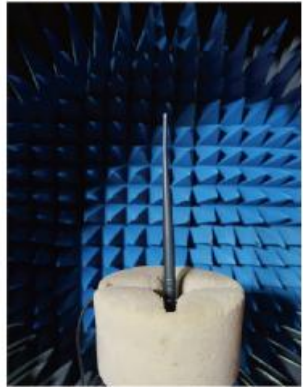
WIFI 2.4G Antenna Report



HW:Li

Data:2024.03.27



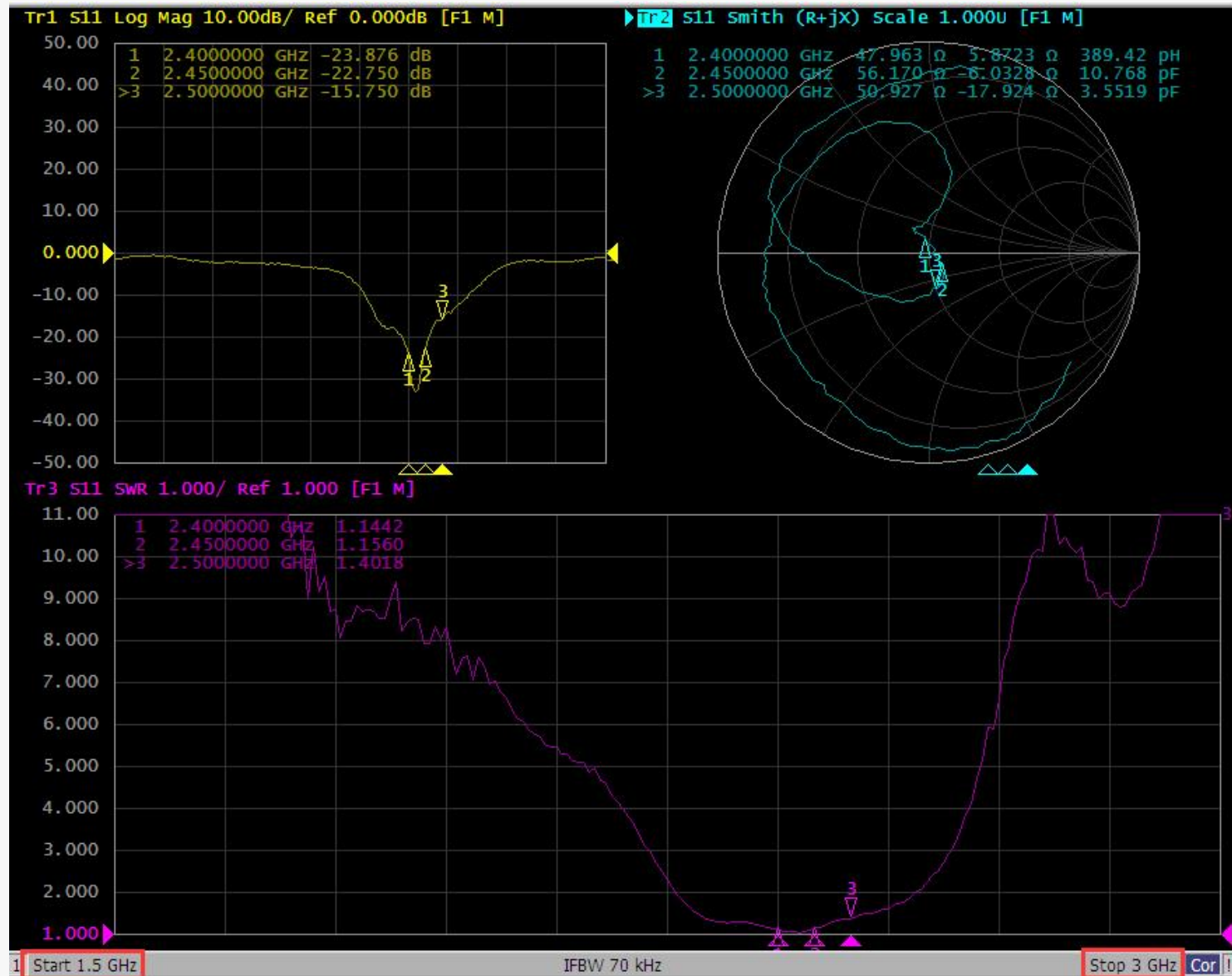


Test System

- SATIMO , Agilent E5071C, Anristu MT8820C, Agilent E4438C
- Agilent 8960



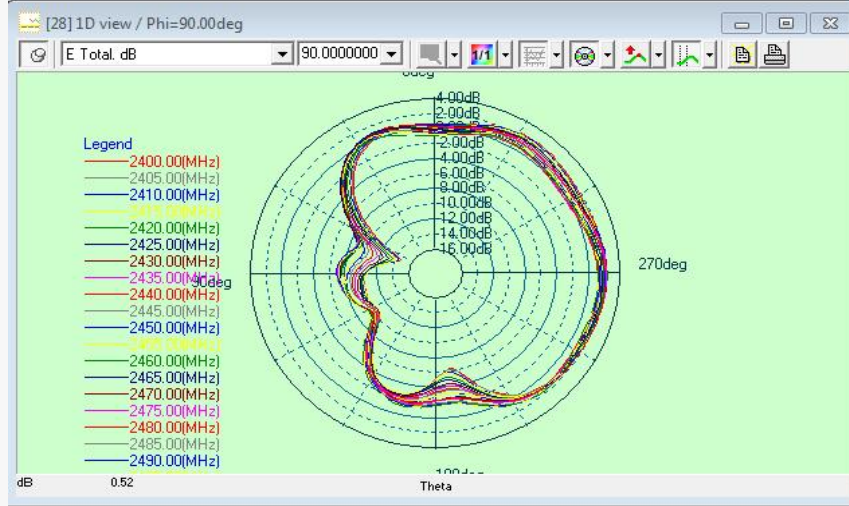
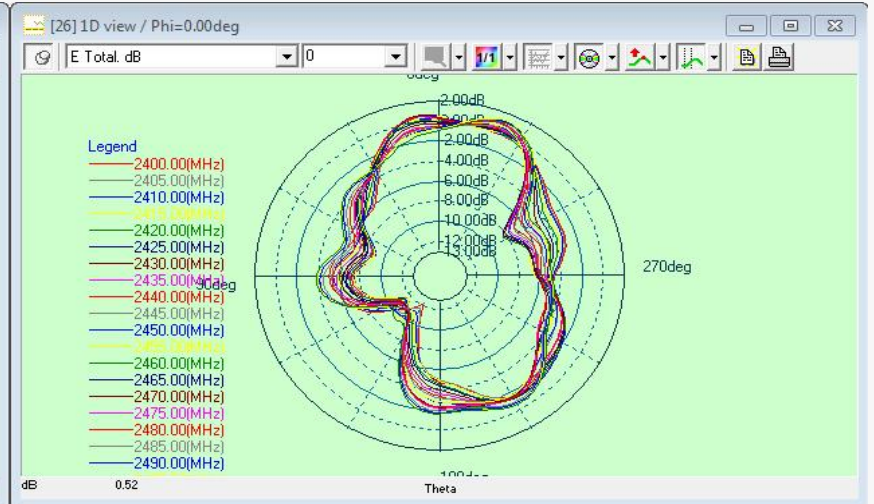
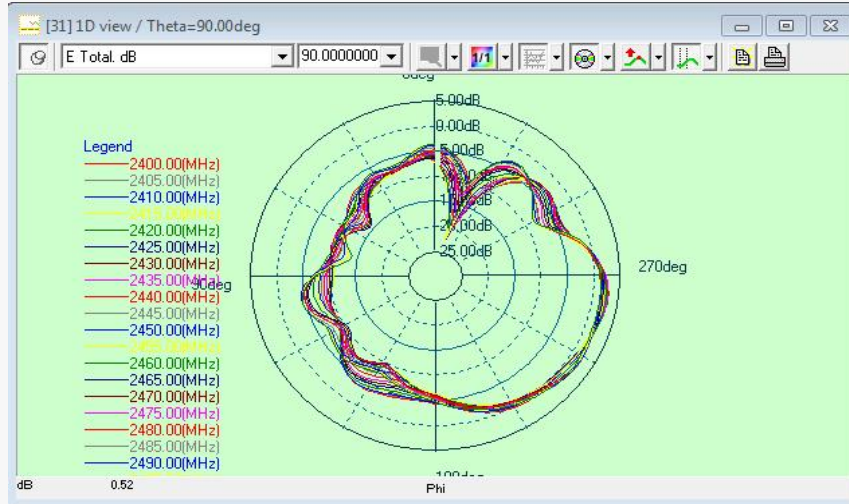
Test Data: (Log Mag /Smith/SWR)





Test Data: Efficiency/Gain/Directional pattern

2400-2500MHZ Efficiency		
Frequency	Efficiency	Gain. dBi
2400MHz	51%	2.84
2405MHz	51%	2.77
2410MHz	52%	3.11
2415MHz	53%	2.78
2420MHz	52%	3.11
2425MHz	51%	2.89
2430MHz	52%	2.92
2435MHz	51%	2.91
2440MHz	51%	2.80
2445MHz	49%	2.58
2450MHz	51%	2.74
2455MHz	49%	2.41
2460MHz	50%	2.78
2465MHz	52%	2.31
2470MHz	48%	2.21
2475MHz	49%	2.45
2480MHz	49%	2.31
2485MHz	53%	2.45
2490MHz	53%	2.41
2495MHz	52%	2.34
2500MHz	53%	2.21



SatEnv hierarchy

- Project
 - [3] ART
 - [4] Measurement setup
 - [5] Logical axes
 - [8] Used devices
 - [9] Macros
 - [12] Project
 - [13] Security
 - [15] Import
 - [16] Macros
 - [17] folder
 - [18] Measurement
 - [19] NF to FF transform
 - [20] Q1Q2
 - [25] Phi=0.00deg
 - [26] Phi=0.00deg
 - [27] Phi=90.00deg
 - [28] Phi=90.00deg
 - [34] NF to FF transform Maximum
 - [35] NF to FF transform Maximum Maximum
 - [36] NF to FF transform Maximum Maximum
 - [29] NF to FF transform Expanded

1D view
Measurement
NF to FF transform
NF to FF transform Maximum
NF to FF transform Maximum
Maximum

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ANT Data:

