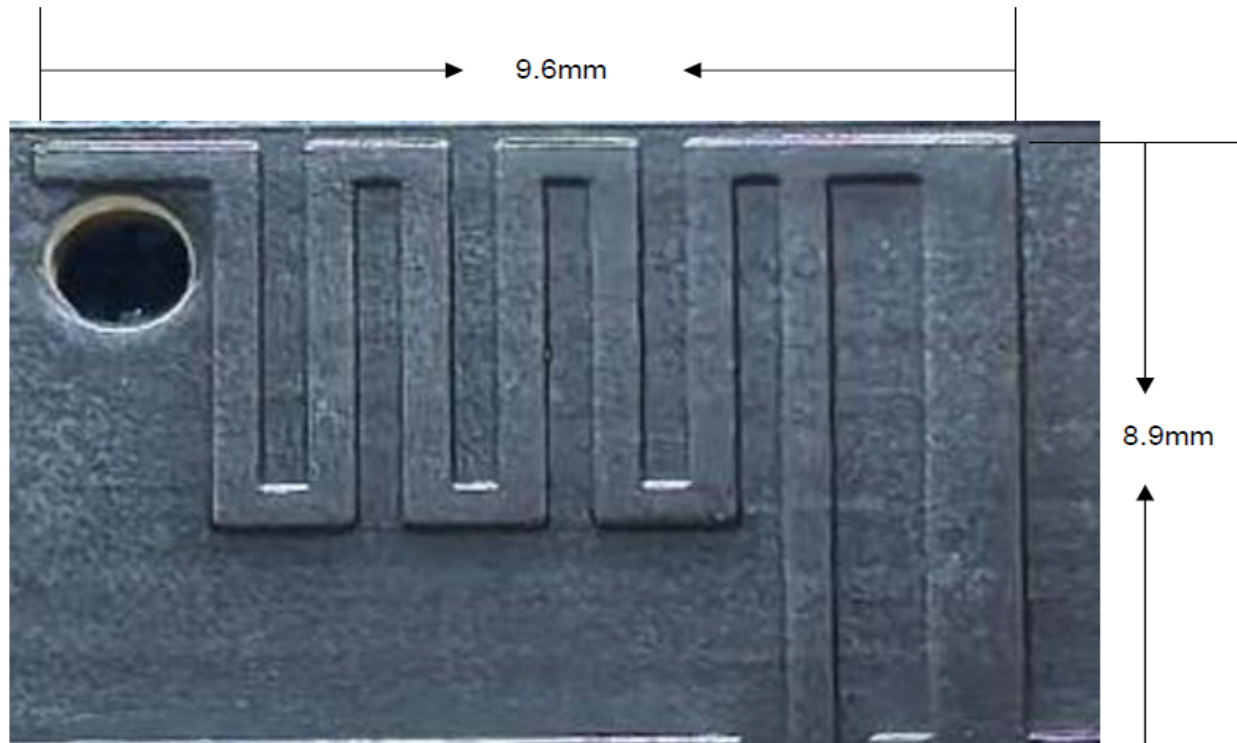


Antenna Test Report

Customer	
Project	
Antenna BAND	2.4G
Product Description	PCB
Product No	

Product Overview & Dimension

Front-ANT



This report is to measure the performance of BT antenna for **IKAB**.
The antenna operating frequency at (2400–2500MHZ) , All test data are showed as below.

Content

1. Product Overview & Dimension
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4. Test Result
 - 4.1 S11 Parameter
 - 4.2 Gain & Efficiency
 - 4.3 Test coordinate
 - 4.4 2D Pattern
 - 4.5 OTA Data
 - 4.6 WIFI Boot measured
5. Antenna Assembly & environmental processing

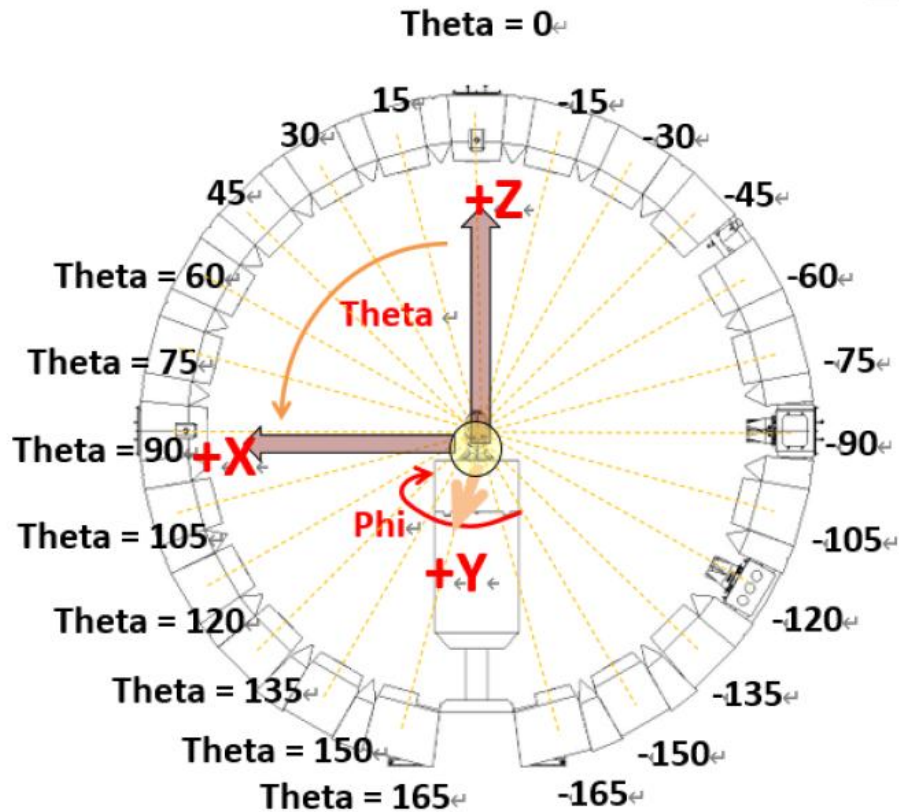
2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & HP 8753
OTA Test	TRP&TIS	CMW500 & CMW270 ETS& FT SG24
Gain & Efficiency	Gain & Efficiency	ETS&FT SG24 Agilent 5071C

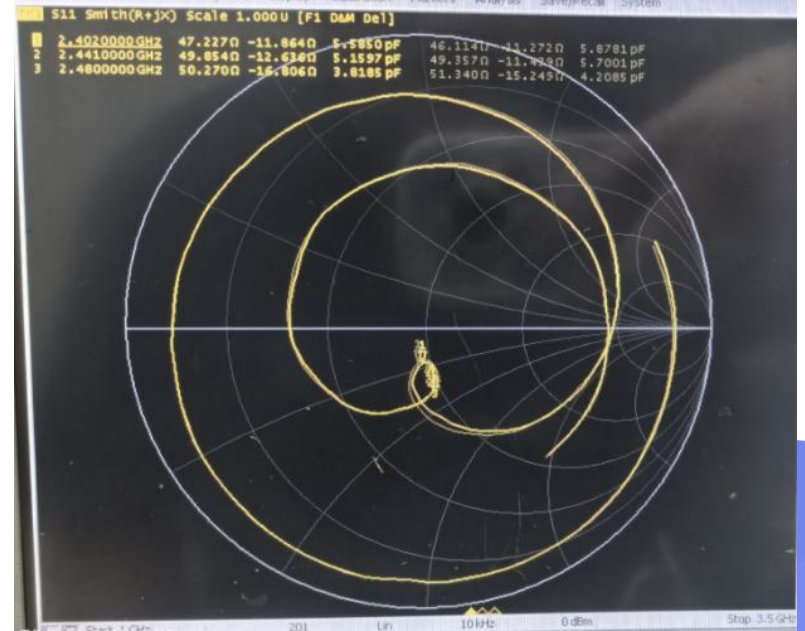
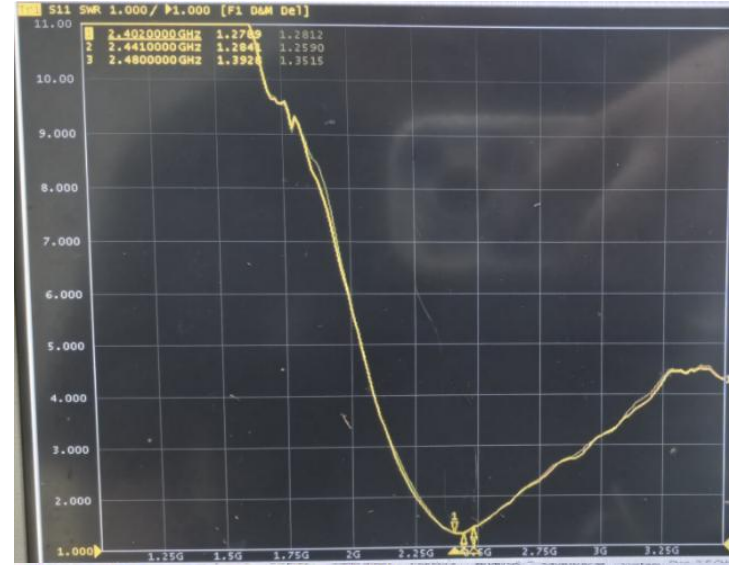
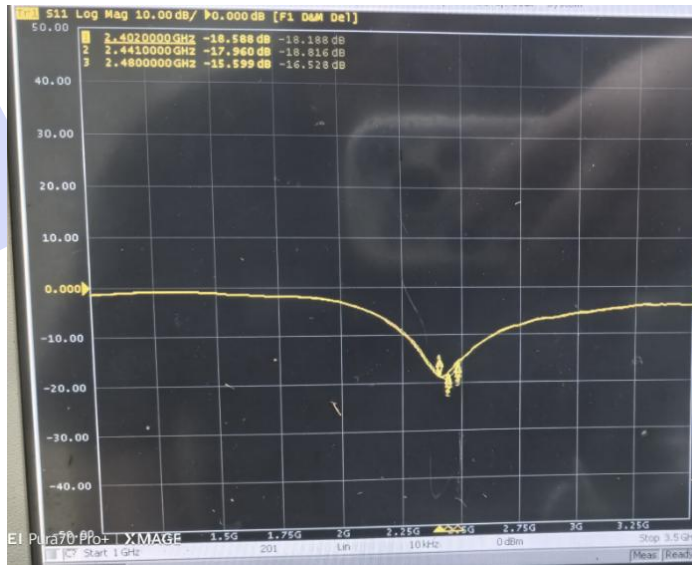


Test Result

Sample status & coordinates

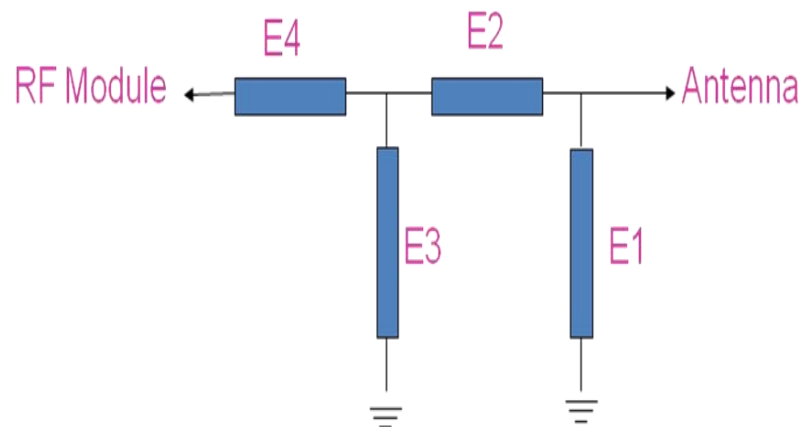


S11



Frequency (MHz)	2400	2450	2500
Smith	47.22	49.85	50.27
Log mag	-18.58	-17.96	-15.59
VSWR	1.27	1.28	1.39

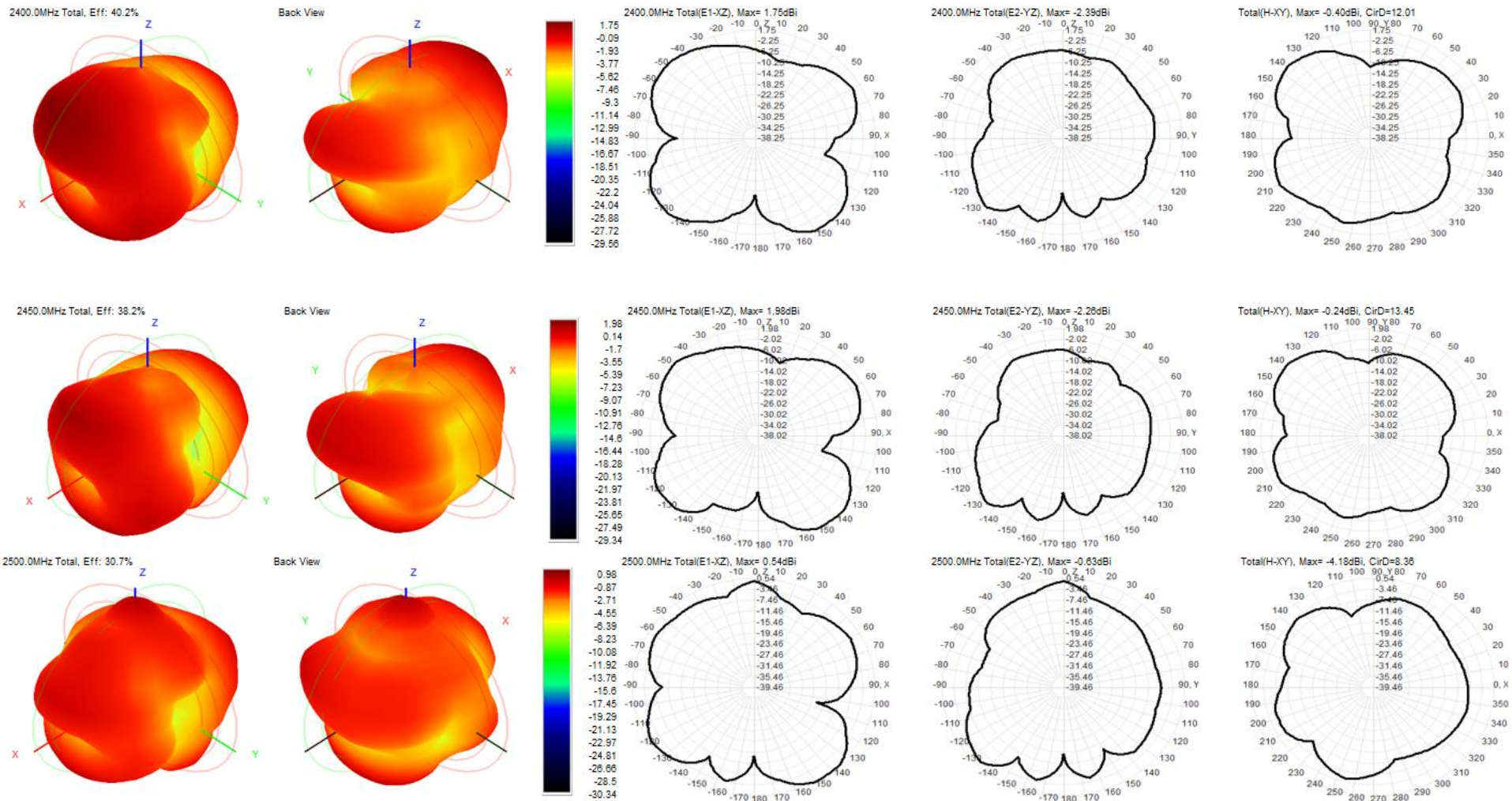
Match network parameters



WIFI-2.4G											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	1.75	1.81	2.09	2.08	1.95	1.98	1.82	1.74	1.43	0.98	0.98
Efficiency (%)	47.16	48.33	47.67	47.23	46.91	47.18	47.13	46.68	45.42	44.77	44.70

OTA DATA-2.4G ANT

3D Pattern



Thanks for your comment!
