

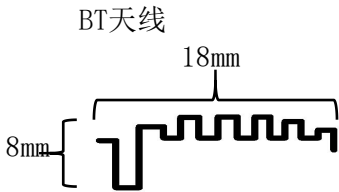
Antenna Gain Report

Project Name		Test conditions	Temperature 25°C, Humidity 65% (RH)
Software version		Testing equipment	Agilent Technologies E5071B & R&S CMW500 Atenlab
Hardware Information	XH-TENSMES-MAIN -V1.2	Test Date	2026/1/27

Information:

Serial Number/ESN/IMEI	N/A
Band:	Main antenna: BT (2.4G)
Antenna Version:	V1.2
Manufacture	SHEN ZHEN XUAN HENG TECHNOLOGY CO.,LTD
Address:	2602A, Office Building 2, Vanke Star City Commercial Center, Xinqiao Subdistrict, Bao'an District, Shenzhen

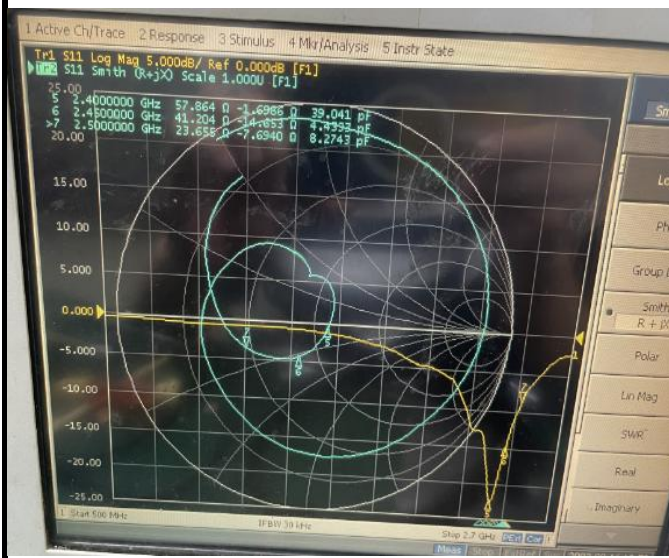
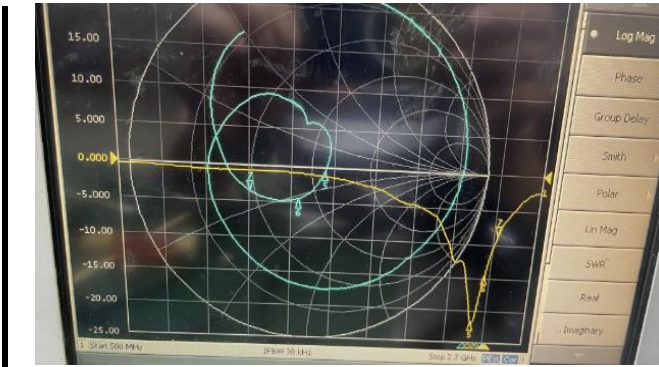
Matching Circuit:



Antenna Peak Gain	0.73dBi
Antenna Frequency	2400mhz- 2480mhz

Passive Test Results:

	Standing wave ratio image



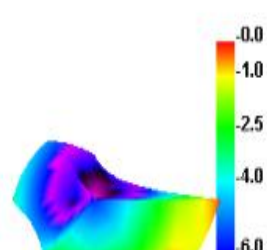
Smith's picture

Efficiency Test Results:

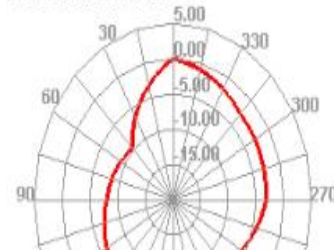
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	36.37	-4.39	-0.01
2410	35.19	-4.54	-0.03
2420	35.6	-4.49	0.17
2430	34.94	-4.57	0.19
2440	35.21	-4.53	0.3
2450	38.29	-4.17	0.73
2460	38.58	-4.14	0.67
2470	35.67	-4.48	0.37
2480	37.31	-4.28	0.5
2490	35.62	-4.48	0.24
2500	35.49	-4.5	0.16

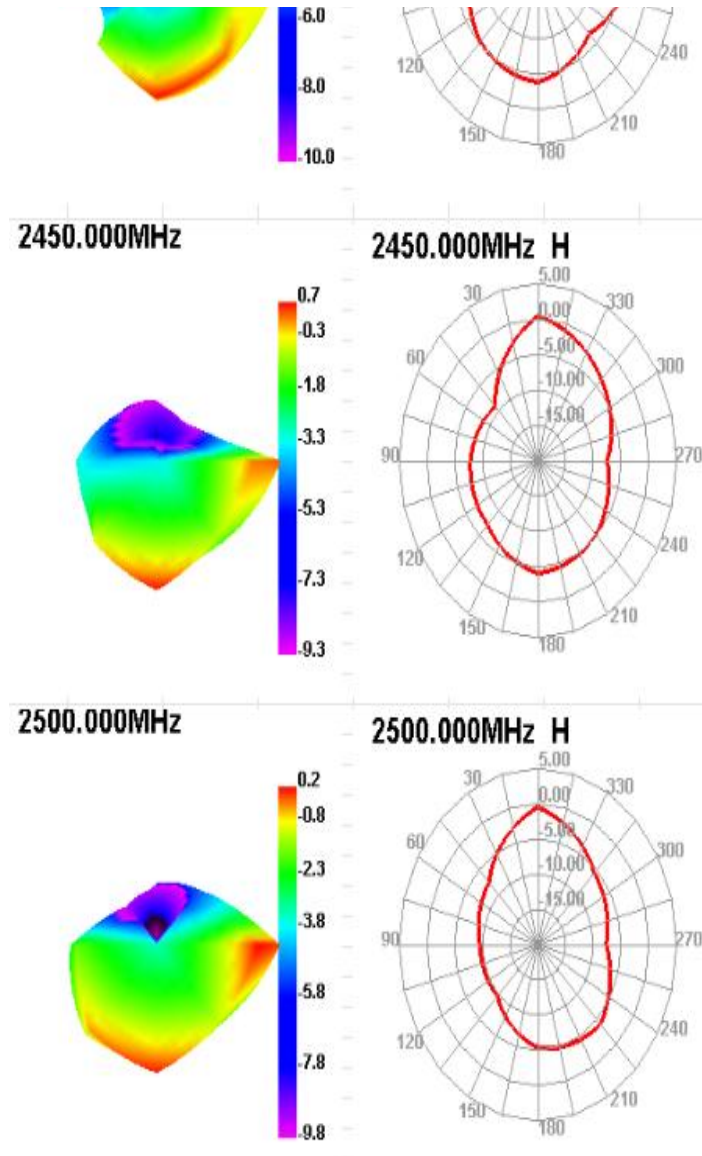
Apple picture:

2400.000MHz



2400.000MHz H





Antenna assembly picture

