



SPECIFICATION FOR APPROVAL

2025061801
File No. _____
1.0
Revision _____

CUSTOMER: _____

CUSTOMER NO: V1

PART NAME: PCB WIFI Antenna 0.81Black MHF3 L=45MM

SUPPLIER NO: SL233P.300014.P01

Date: _____ Q'TY: _____ PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

SH-RD-F04-A

add: 24 Ju Xiang er Lu, Xiang Wei cun, Dalang Town, Dongguan

Telephone;0769-82226176

Fax; 0769-82226175



Test Reports

Electrical Properties	
Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2.0dBi
Efficiency	>50%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF3
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 0.81mm // L=45mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

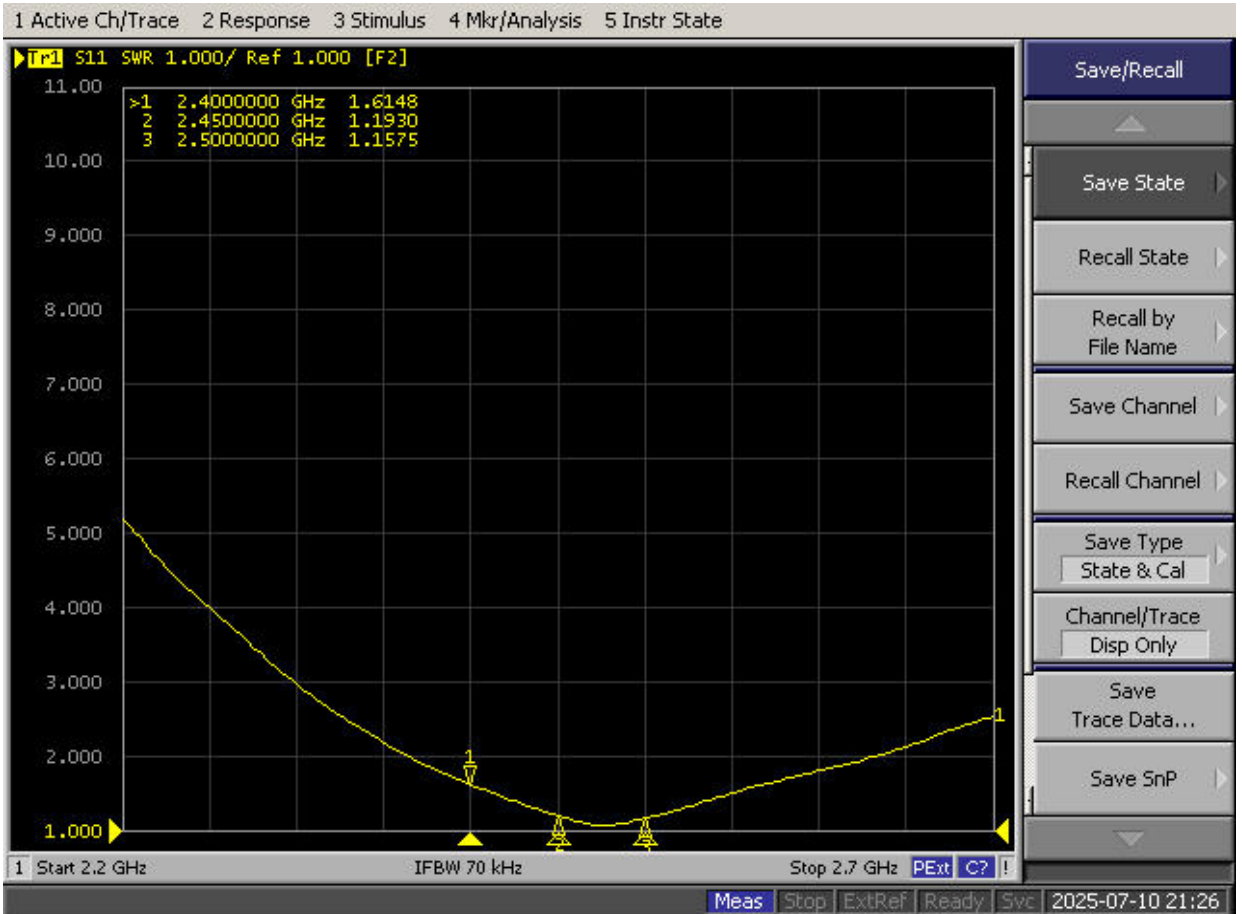
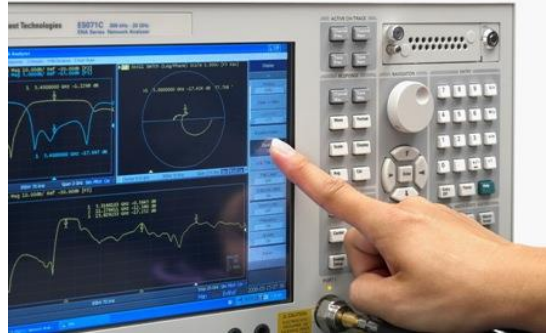
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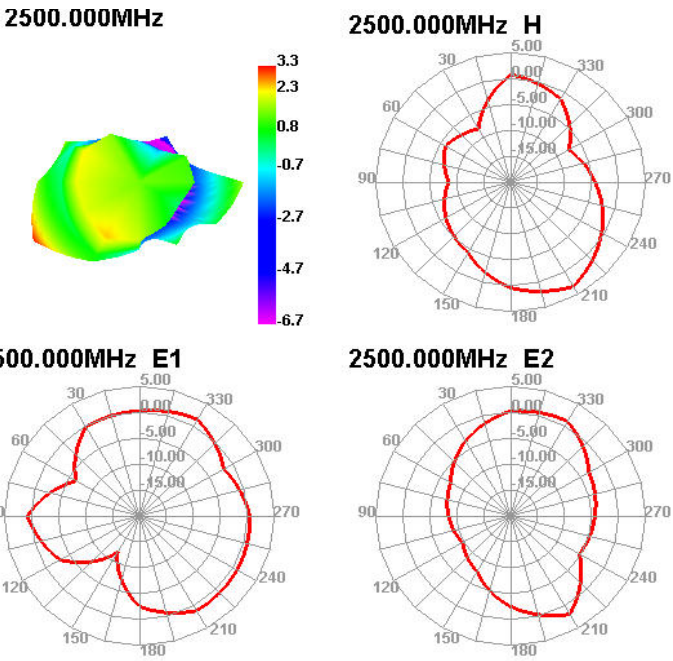
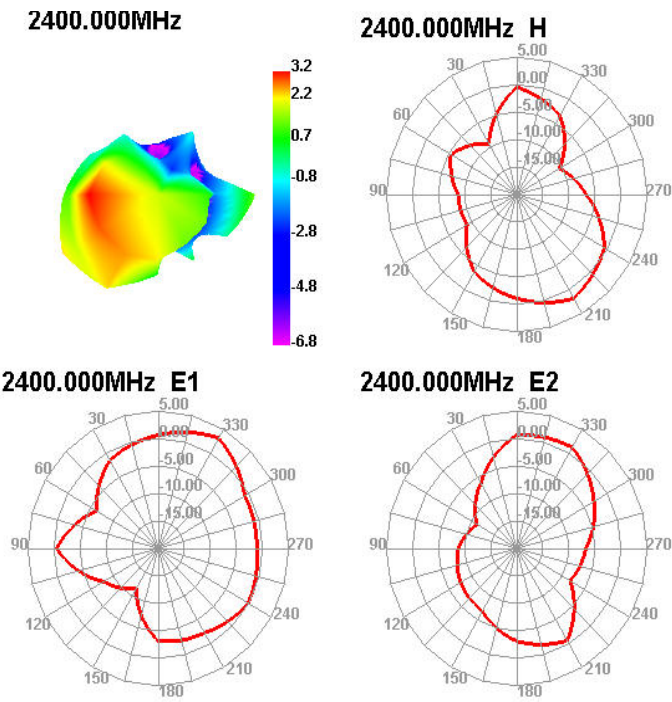
S Parameter Test

Agilent E5071C



5. Antenna - Radiation Pattern Test Data

Freq (MHz)	Effi (%)	Gain (dBi)
2400	53.62	3.16
2410	55.03	3.08
2420	57.63	3.07
2430	63.11	3.21
2440	72.6	3.67
2450	78.91	4.16
2460	74.52	3.99
2470	72.04	4.04
2480	70.21	4.01
2490	69.11	3.9
2500	63.81	3.32



6. Antenna

