



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

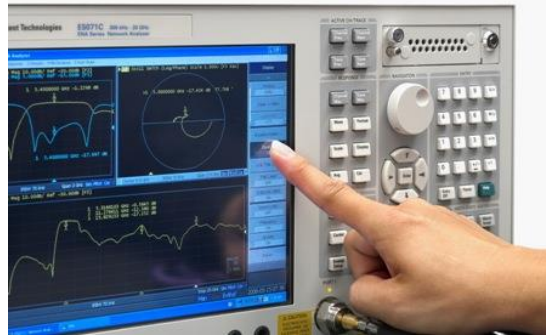
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S Parameter Test

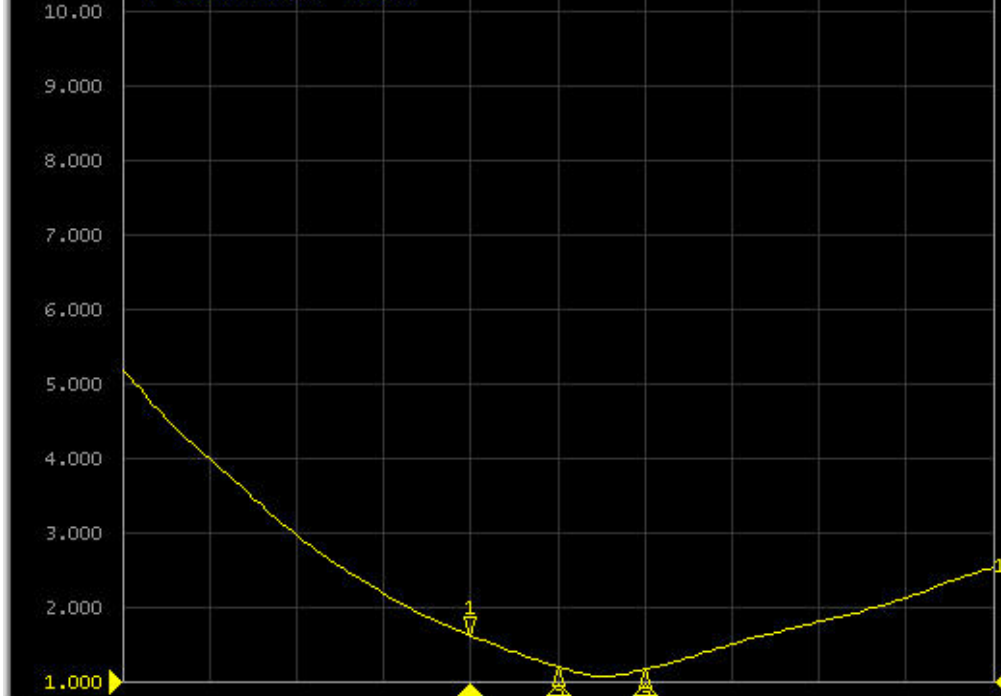
Agilent E5071C



1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

▶ S11 SWR 1.000/ Ref 1.000 [F2]

y1	2.4000000 GHz	1.6148
y2	2.4500000 GHz	1.1930
y3	2.5000000 GHz	1.1575



Save/Recall

Save State ▶

Recall State ▶

Recall by
File Name ▶

Save Channel ▶

Recall Channel ▶

Save Type
State & Cal ▶

Channel/Trace
Disp Only ▶

Save
Trace Data...

Save SnP ▶

1 Start 2.2 GHz

IFBW 70 kHz

Stop 2.7 GHz

PEXT C7

Meas

Stop

ExtRef

Ready

Svc

2025-07-10 21:26

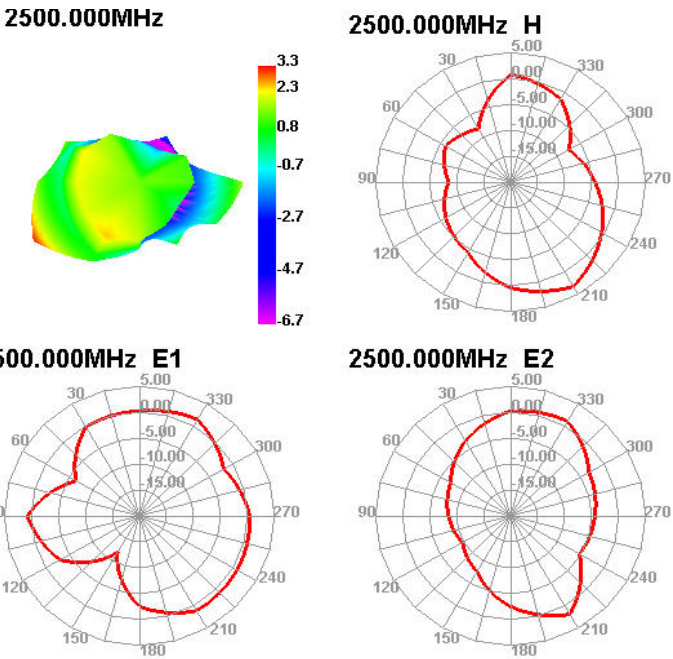
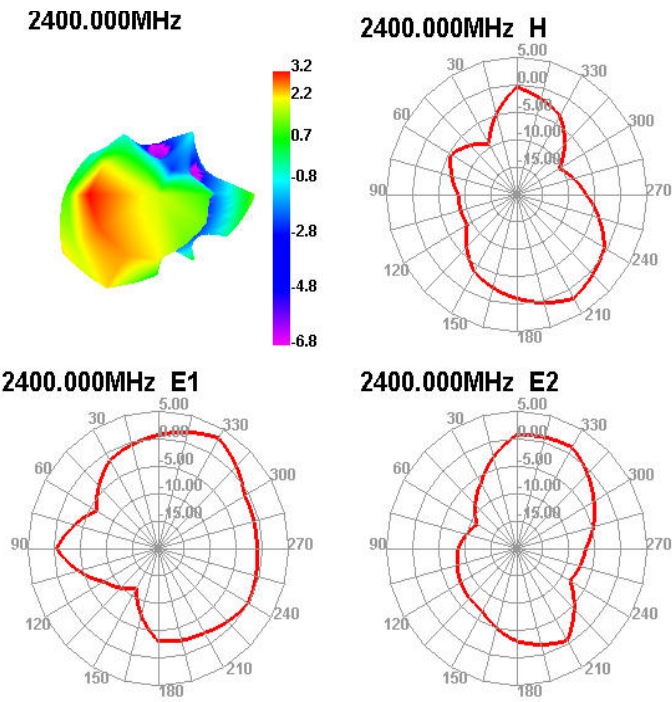
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5. Antenna - Radiation Pattern Test Data

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

