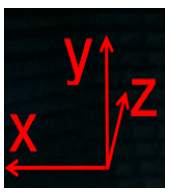
Fuzhou JieLei Electronic Technology Co.,Ltd. OTA Test Report

General Information

UET	Wireless Access Point	Model Number	RG-RAP72Pro
Antenna type	PIFA Antenna	Antenna Model Number	C168-JL-7888
Test condition	22.2°C/ 43 %	Operation frequency	2400-2500MHz

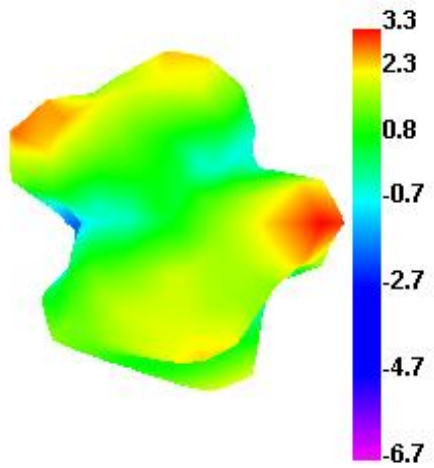
Manufacturer:	Fuzhou JieLei Electronic Technology Co.,Ltd. OTA Test Report
Address:	R&F Center C1-1425, Taijiang District, Fuzhou City, Fujian Province
Test Setup	H: xoy E1:xoz E2:zoy 

Test Result

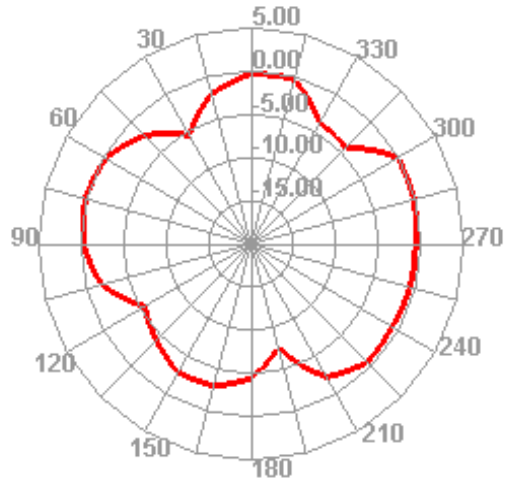
Freq (MHz)	Effi (%%)	Max (dBi)	Freq (MHz)	Effi (%%)	Max (dBi)	Freq (MHz)	Effi (%%)	Max (dBi)
2.4G Antenna 1								
2400.00	68.82	3.3	2440.00	61.89	2.45	2480.00	60.49	2.03
2410.00	67.27	2.74	2450.00	60.96	2.38	2490.00	60.44	2.07
2420.00	65.32	2.57	2460.00	60.74	2.25	2500.00	59.23	2.1
2430.00	63.56	2.48	2470.00	60.25	2.07			
2.4G Antenna 2								
2400.00	75.09	5.13	2440.00	63.37	3.9	2480.00	63.38	3.15
2410.00	70.98	4.84	2450.00	61.9	3.52	2490.00	64.53	3.12
2420.00	68.13	4.59	2460.00	62.12	3.32	2500.00	63.5	2.85
2430.00	65.52	4.26	2470.00	62.66	3.12			

2.4G Antenna 1

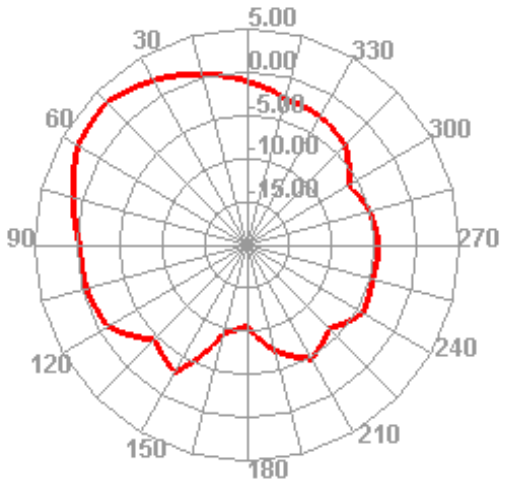
2400.000MHz



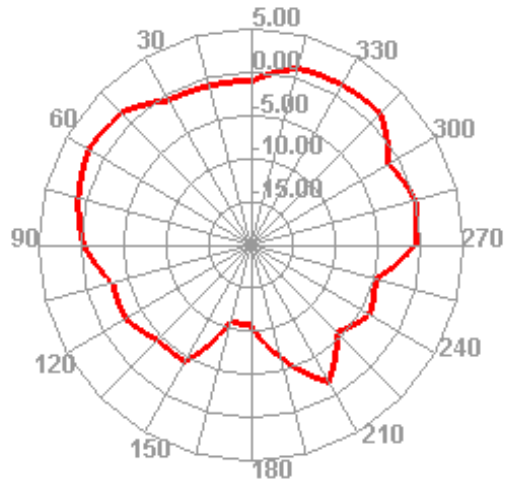
2400.000MHz H



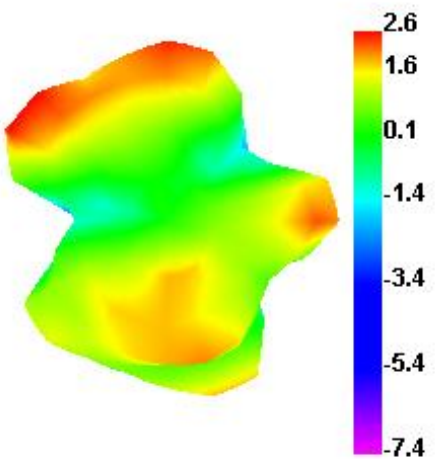
2400.000MHz E1



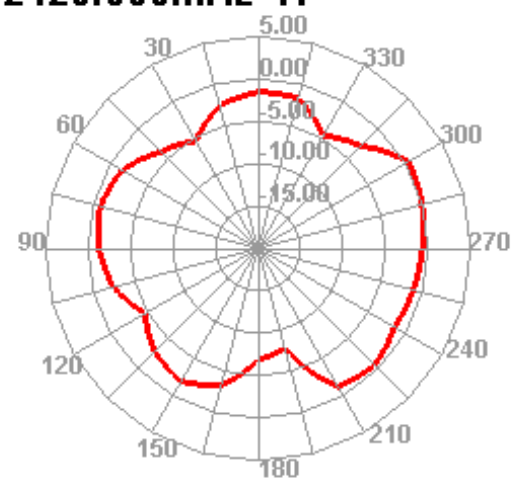
2400.000MHz E2



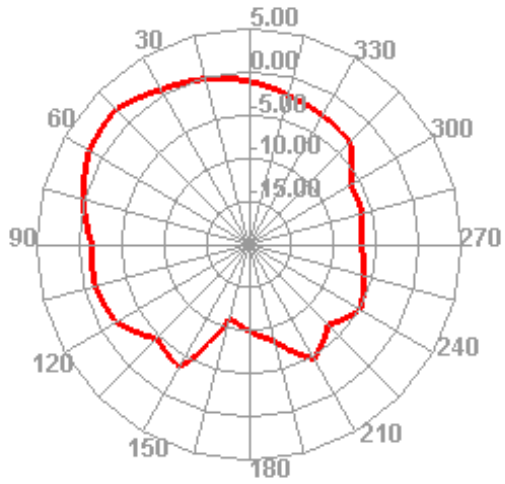
2420.000MHz



2420.000MHz H



2420.000MHz E1



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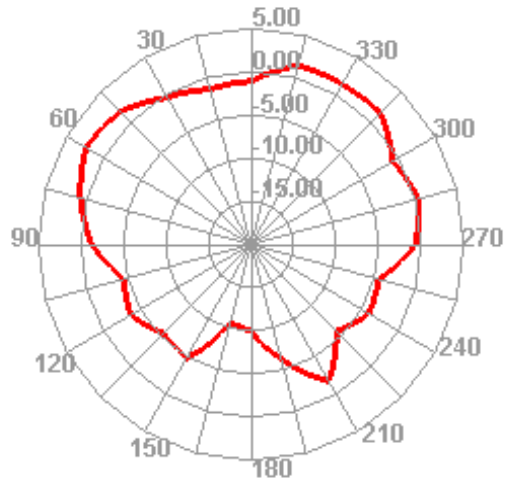
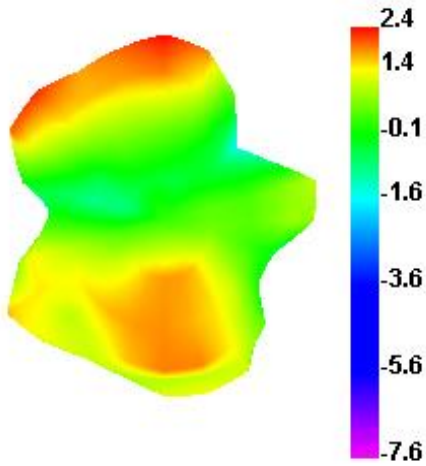
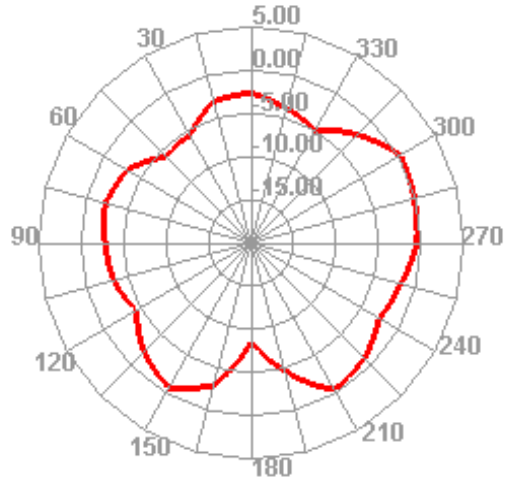


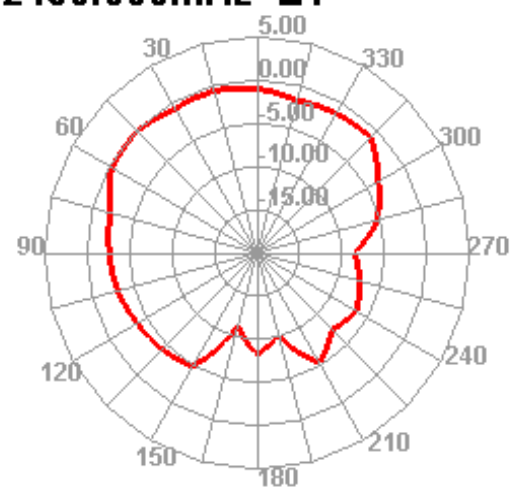
2450.000MHz



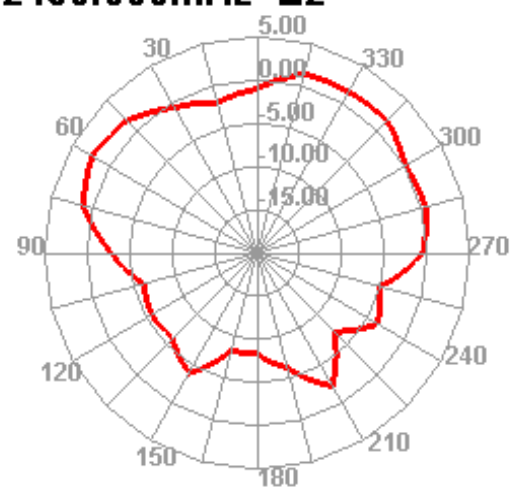
2450.000MHz H



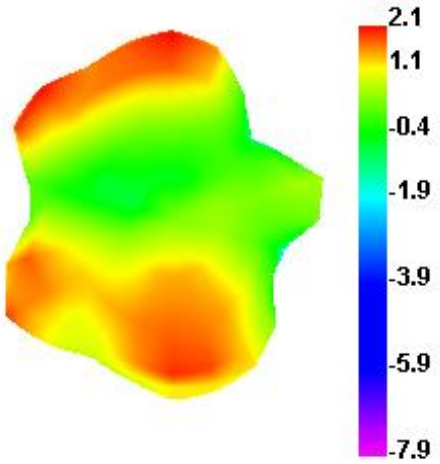
2450.000MHz E1



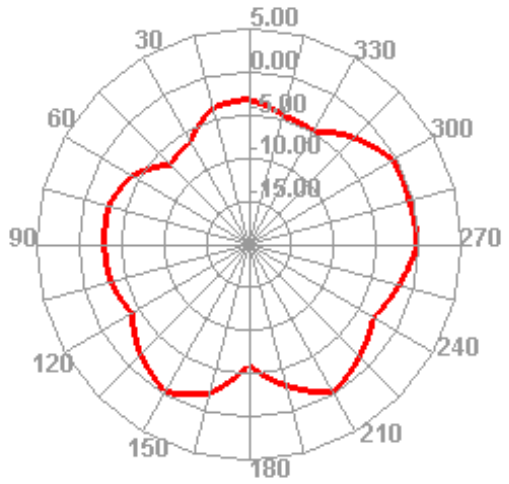
2450.000MHz E2



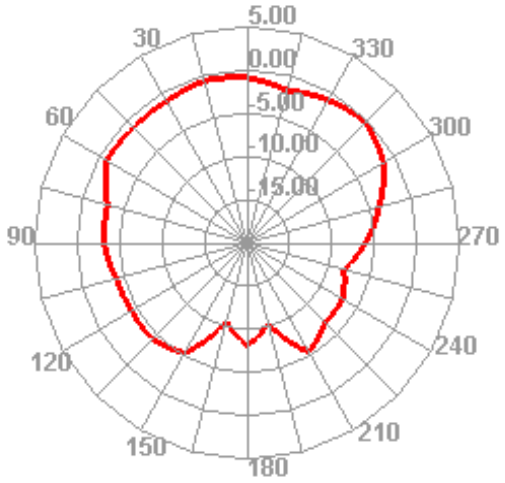
2470.000MHz



2470.000MHz H



2470.000MHz E1



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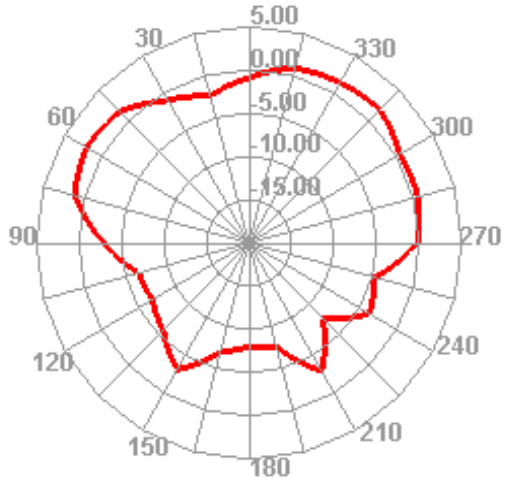
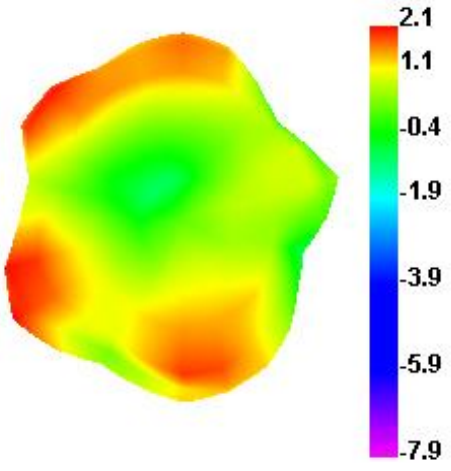
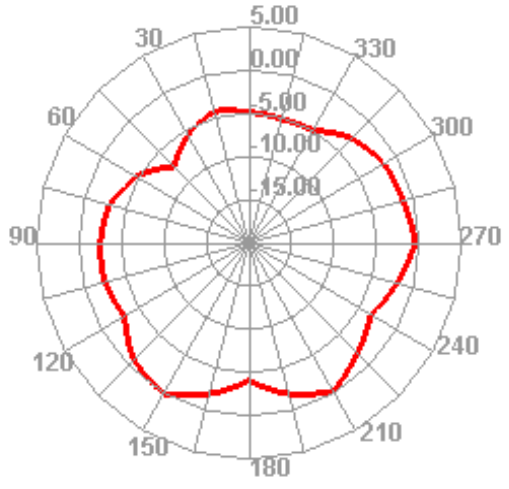


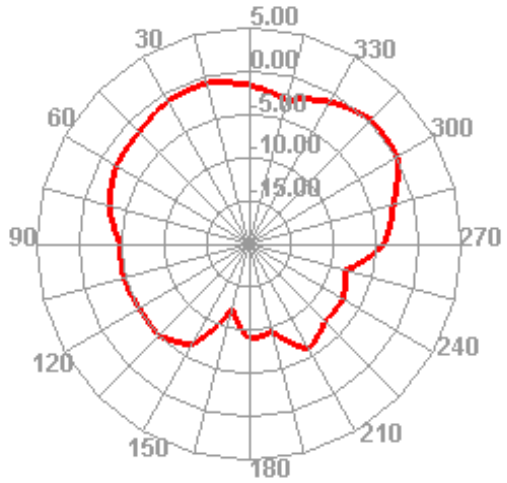
2500.000MHz



2500.000MHz H



2500.000MHz E1



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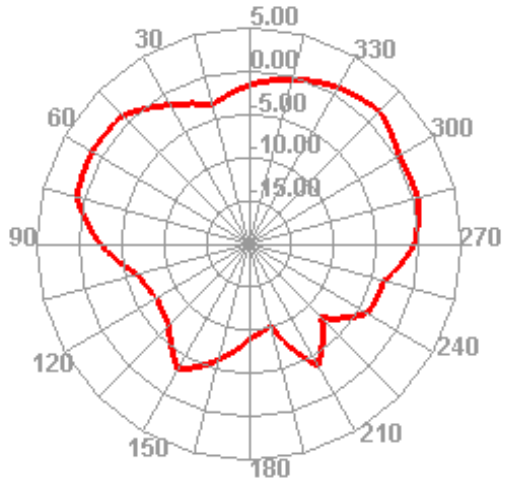
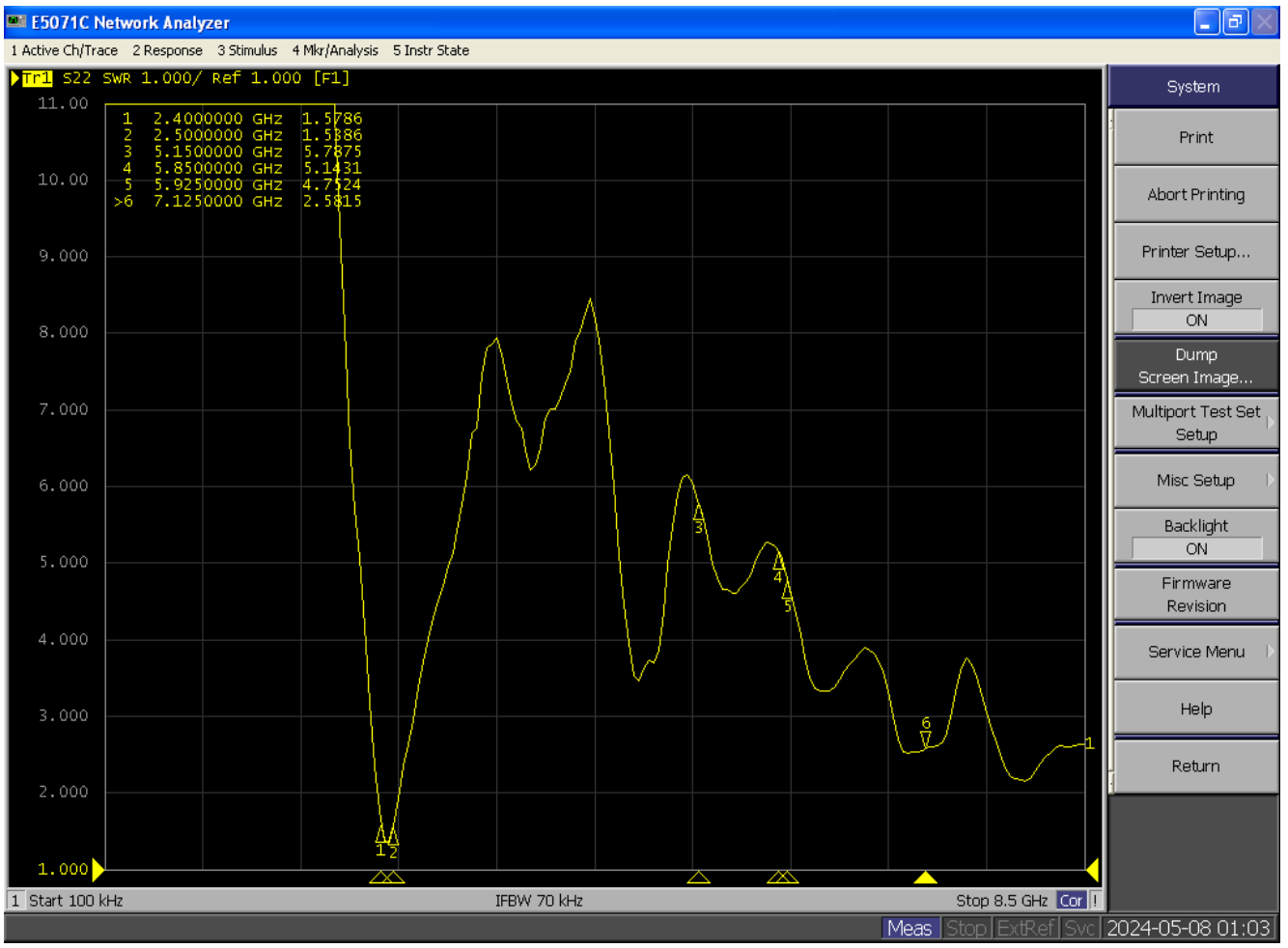
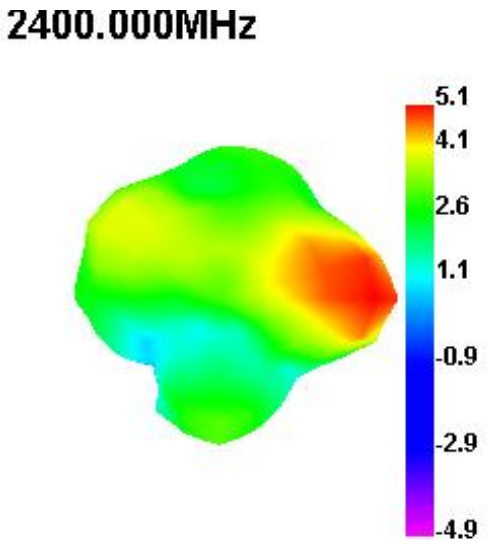
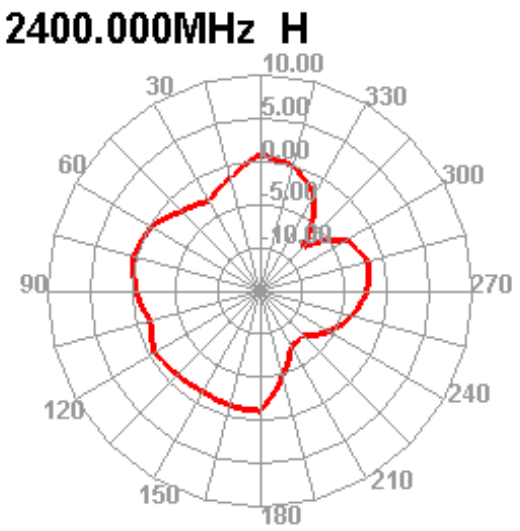
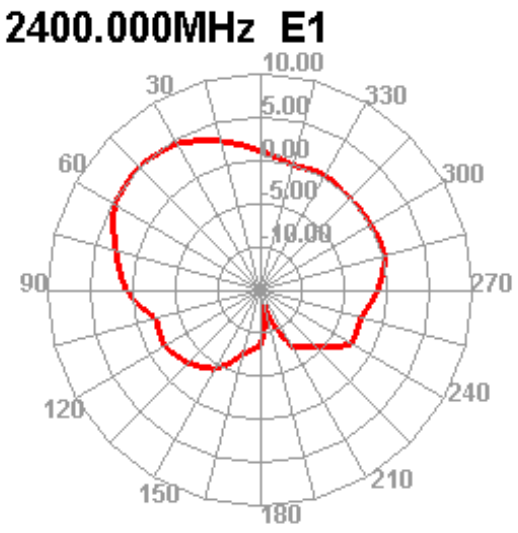


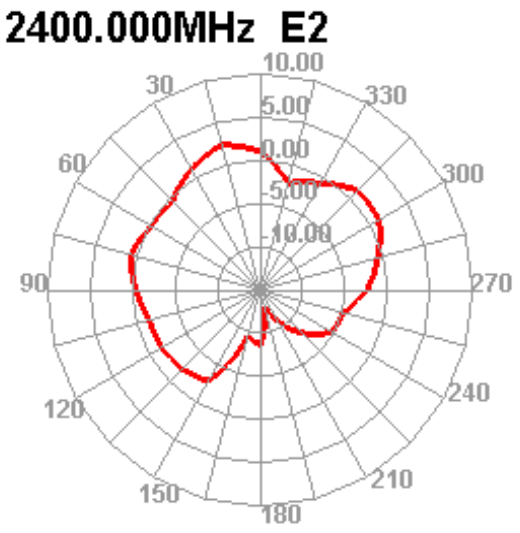


2.4G Antenna 2

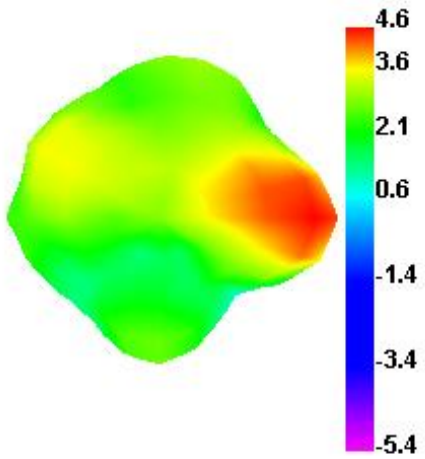




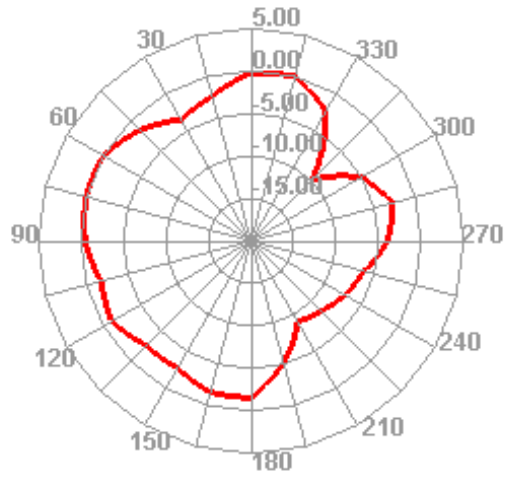




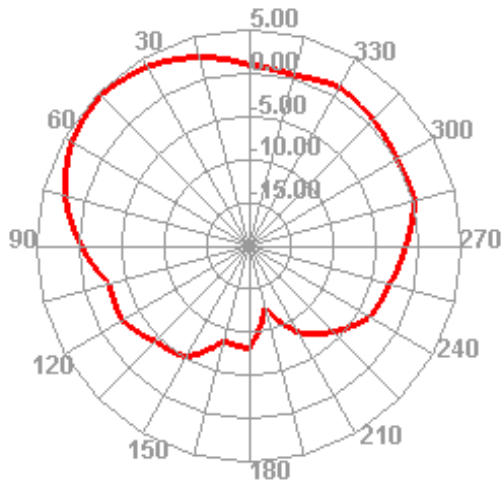
2420.000MHz



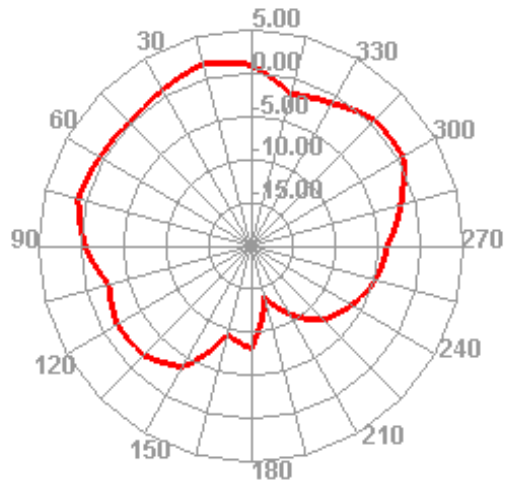
2420.000MHz H



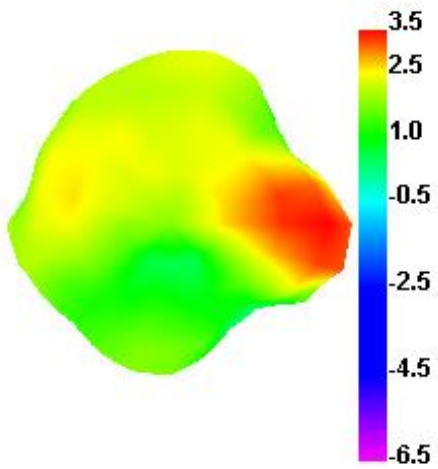
2420.000MHz E1



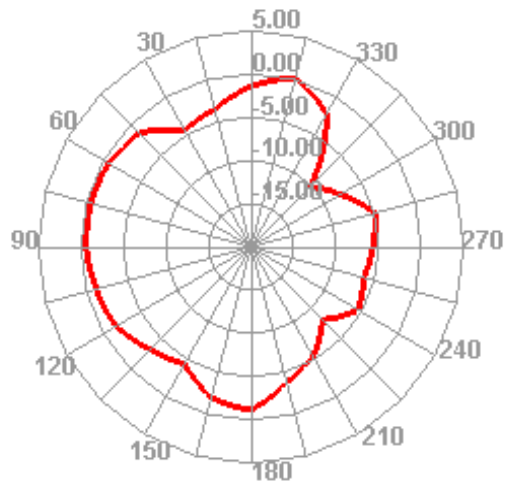
2420.000MHz E2



2450.000MHz



2450.000MHz H



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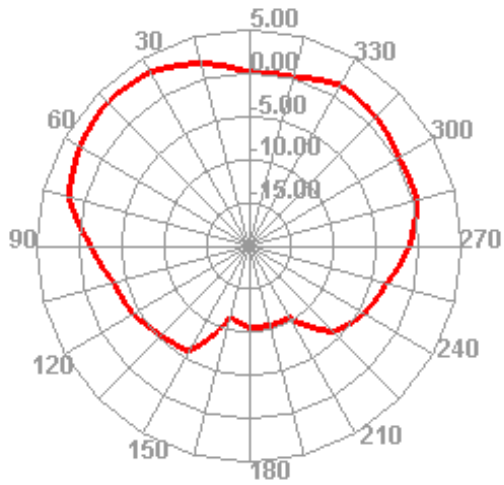

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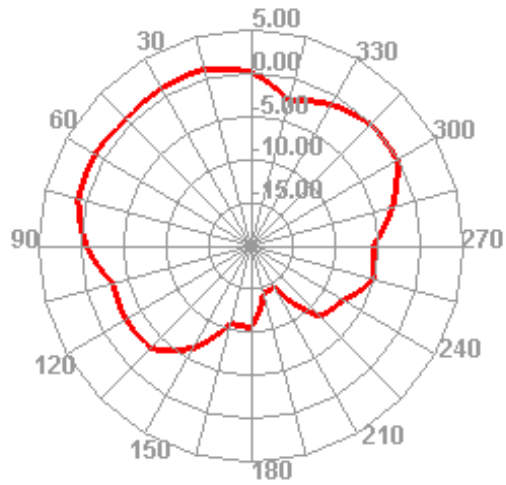
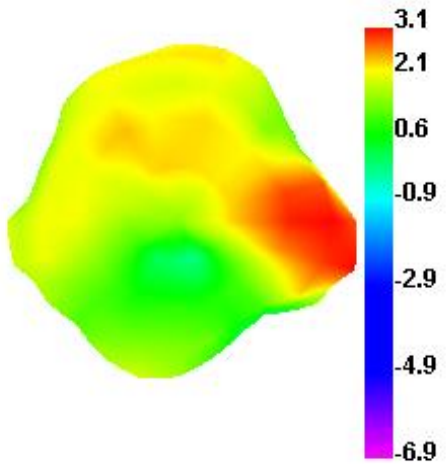


2470.000MHz



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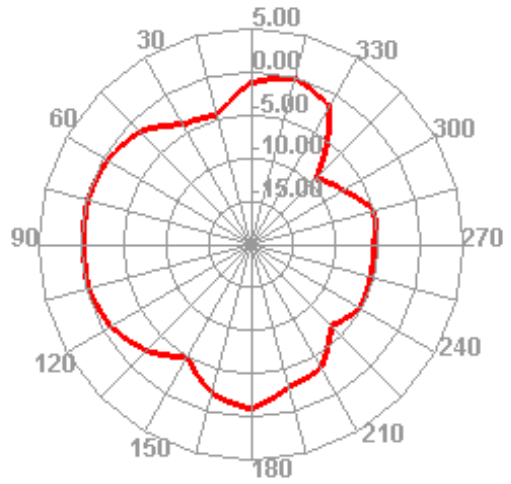
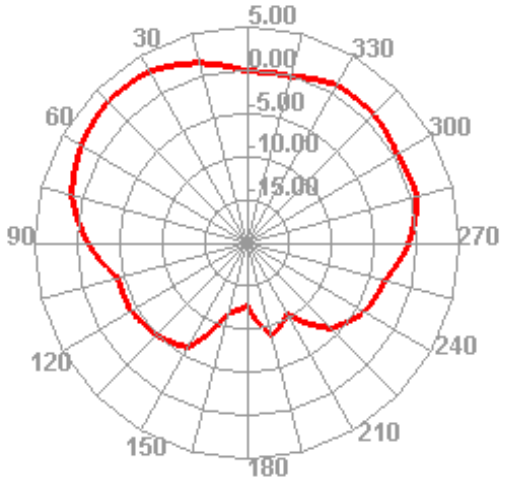


2470.000MHz E1



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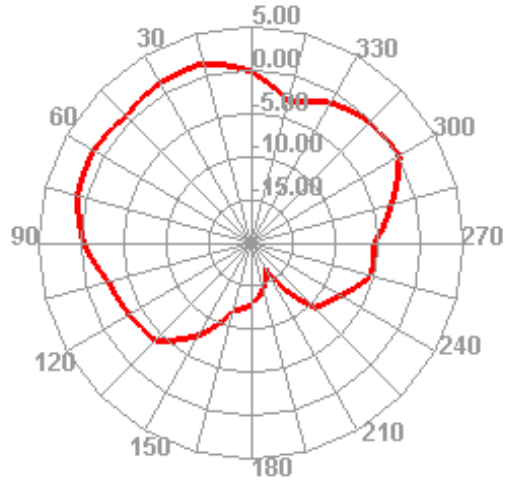
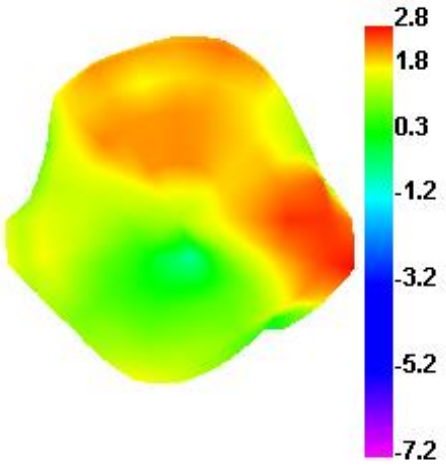
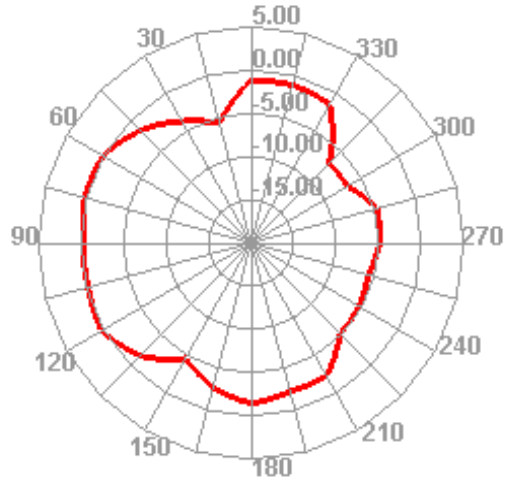
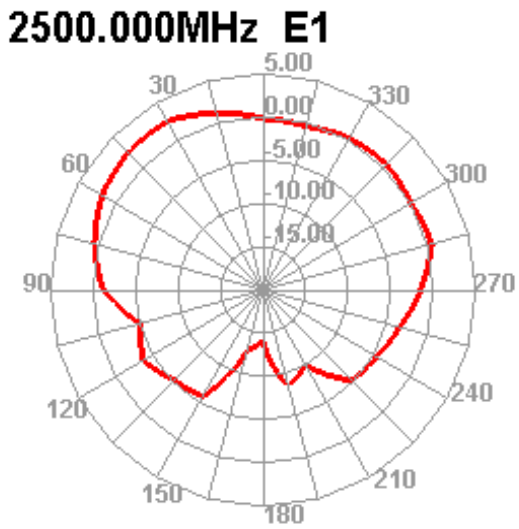


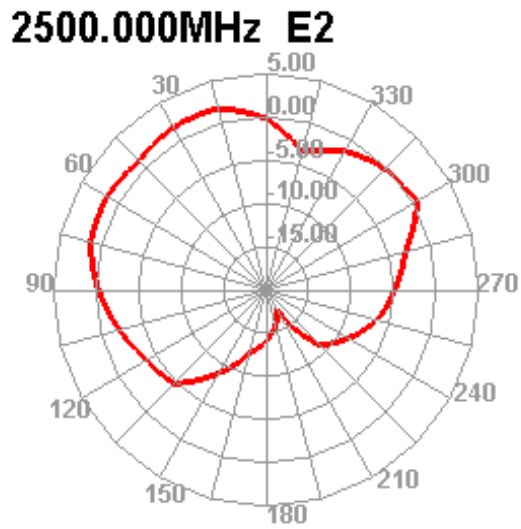
2500.000MHz

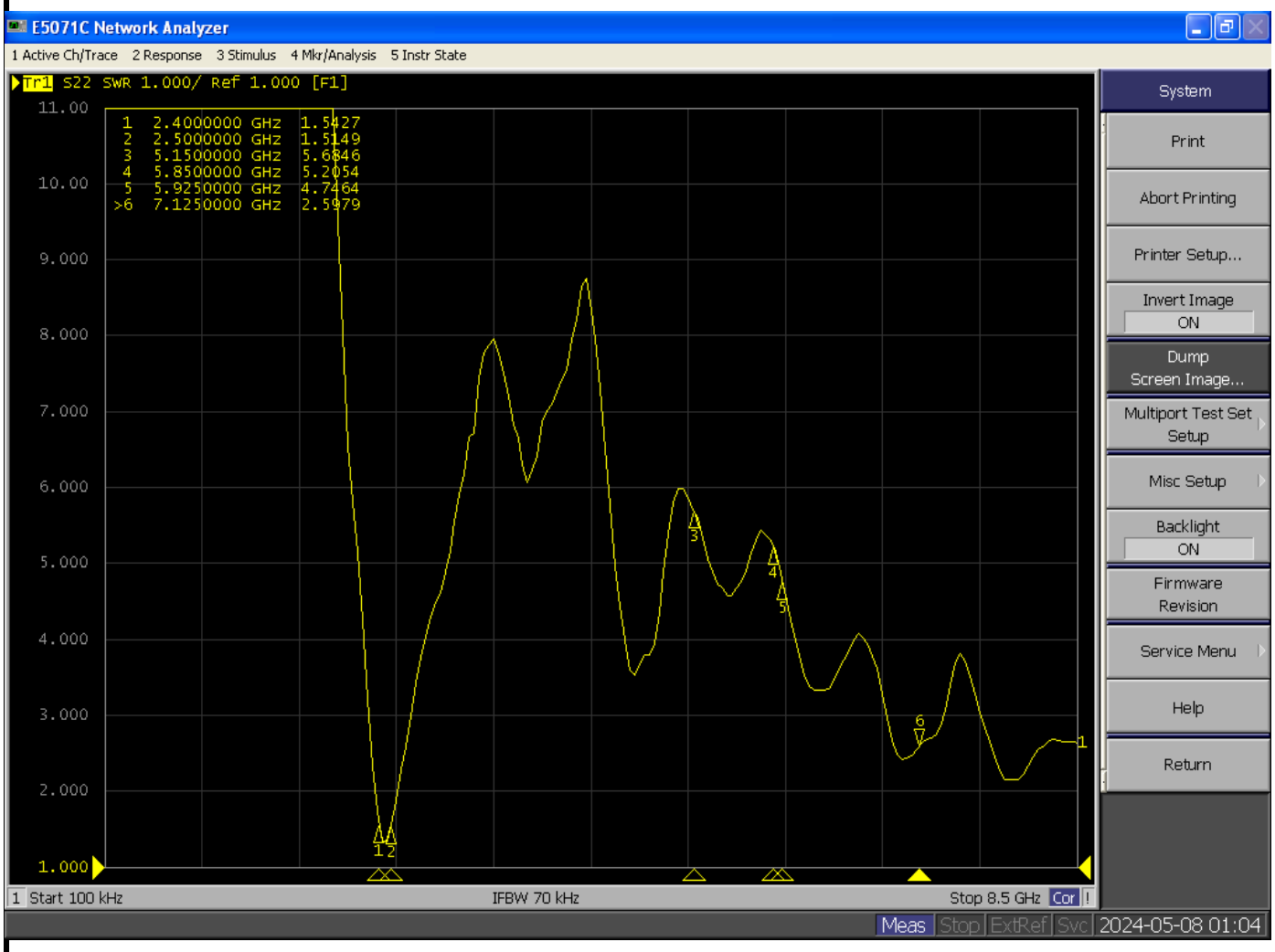
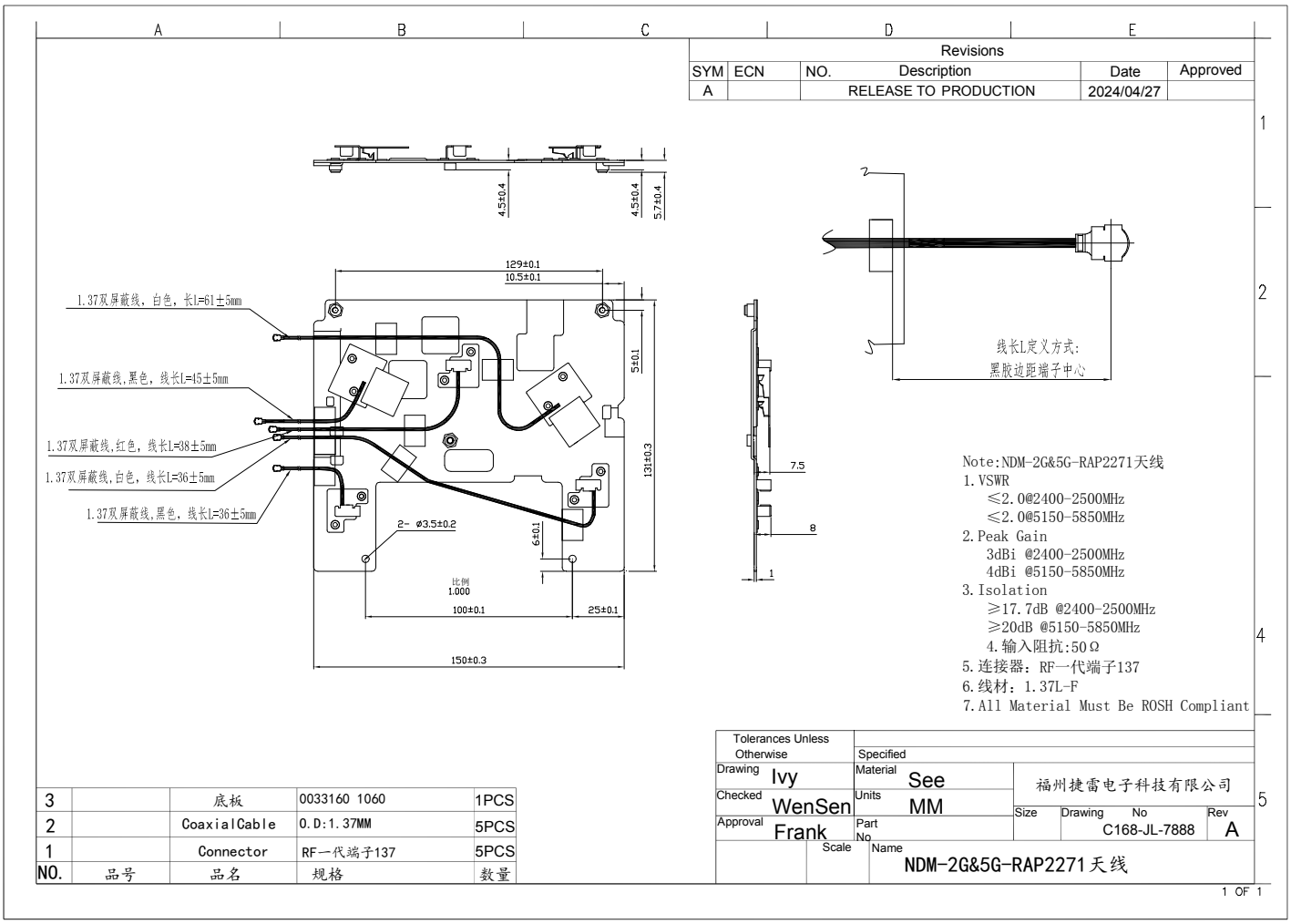
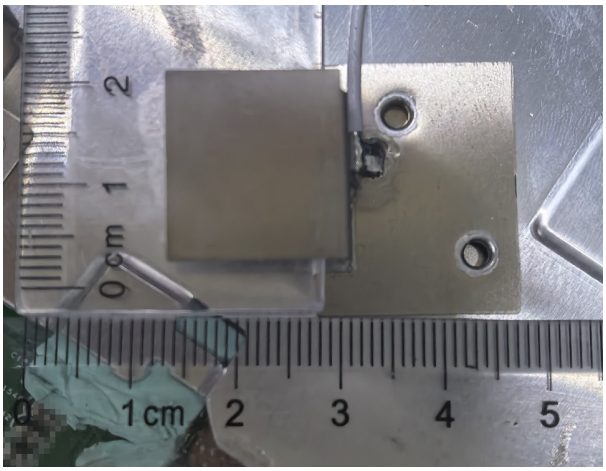


2500.000MHz H




2500.000MHz E1
5.00
0.00
-5.00
-10.00
-15.00
30
330
60
300
90
270
120
240
150
210
180


2500.000MHz E2
5.00
0.00
-5.00
-10.00
-15.00
30
330
60
300
90
270
120
240
150
210
180


E5071C Network Analyzer
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Tr1 S22 SWR 1.000/ Ref 1.000 [F1]
1 2.4000000 GHz 1.5427
2 2.5000000 GHz 1.5149
3 5.1500000 GHz 5.6846
4 5.8500000 GHz 5.2054
5 5.9250000 GHz 4.7464
>6 7.1250000 GHz 2.5979
11.00
10.00
9.000
8.000
7.000
6.000
5.000
4.000
3.000
2.000
1.000
1 Start 100 kHz
IFBW 70 kHz
Stop 8.5 GHz
System
Print
Abort Printing
Printer Setup...
Invert Image ON
Dump Screen Image...
Multiport Test Set Setup
Misc Setup
Backlight ON
Firmware Revision
Service Menu
Help
Return
Meas Stop ExtRef Svc 2024-05-08 01:04

3. Mechanical Dimension Drawing