

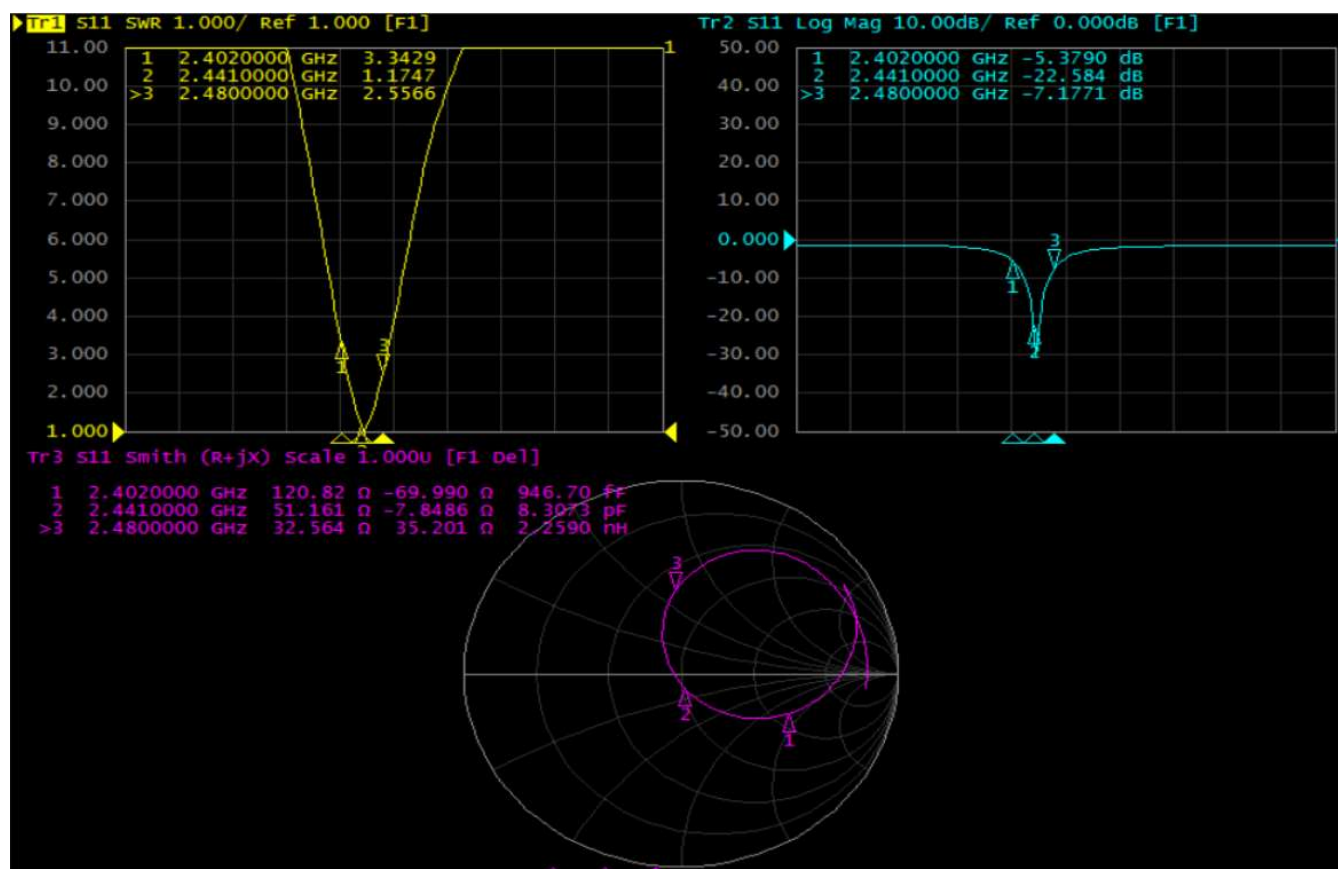
Engineering Specification

1. Test Equipment: Agilent 5071C Network Analyzer

2. Electrical Table

No.	Characteristics	Specifications
1	Working Central Frequency	2440 MHz
2	Gain	≤1 dBi
3	V.S.W.R (in BW)	≤3.0
4	Polarization	Linear
5	Impedance	50 Ω

3.VSWR



4. Antenna Dimensions

5. Passive Test (2.4-2.48G)

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	-3.35	18.44
2410	-3.12	21
2420	-2.54	23.68
2430	-2.10	25.16
2440	-1.71	27.14
2450	-1.48	25.38
2460	-1.64	25.38
2470	-1.89	22.06
2480	-2.53	20.55
AVE	-2.26	23.20

UNLESS OTHER SPECIFIED TOLERANCES ON:

X = ± 0.2 X.X = ± 0.2 X.XX = ± 0.2

ANGLES = ± 1

HOLEDIA = ± 0.2



INPAQ TECHNOLOGY CO., LTD.

SCALE:

UNIT: mm

DRAWN BY: 牛永林

CHECKED BY: 赵付辉

DESIGNED BY: 牛永林

APPROVED BY: 赵付辉

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TITLE:

ENGINEERING SPECIFICATION

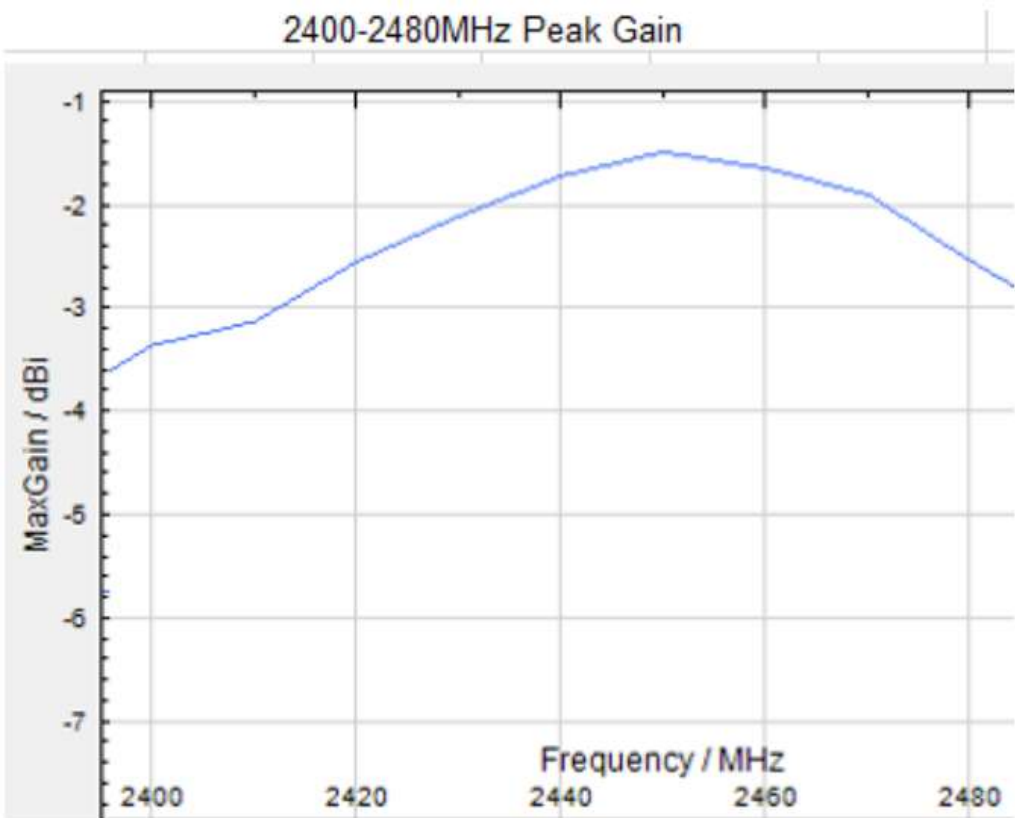
DOCUMENT

NO.

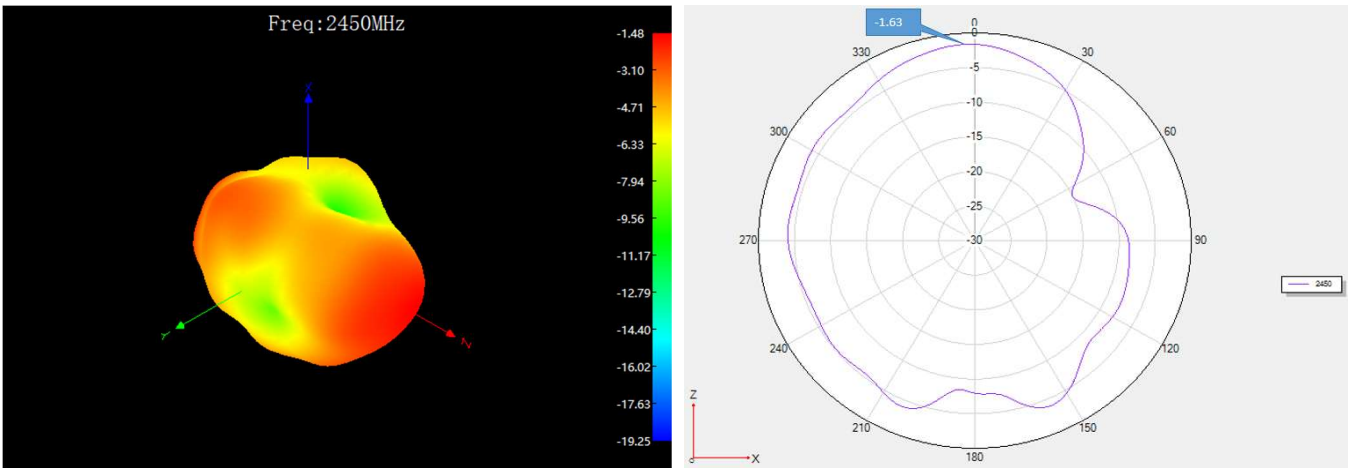
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6. Gain (2.4-2.48GHz)



7. 2D&3D Pattern



UNLESS OTHER SPECIFIED TOLERANCES ON:

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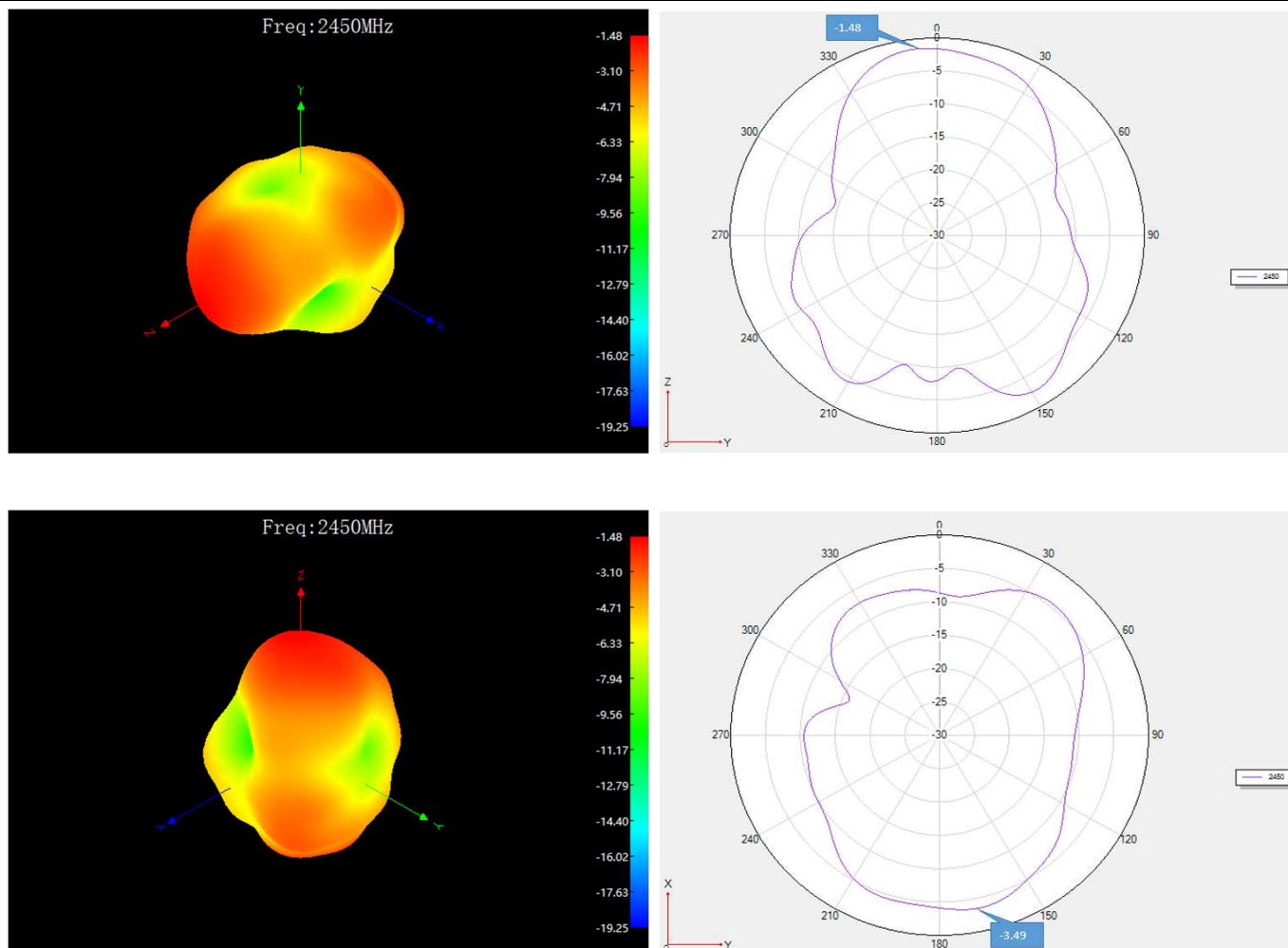
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8. Parameters of the antenna matching networks

UNLESS OTHER SPECIFIED TOLERANCES ON:
 $X = \pm 0.2$ $X.X = \pm 0.2$ $X.XX = \pm 0.2$
 ANGLES = ± 1 HOLEDIA = ± 0.2

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