

RM 802, Unit 2, Bld A , KEXING SCIENCE PARK, No. 15, Keyuan Avenue, Central Zone, High-tech Zone, Nanshan District, Shenzhen City, 518057 Guangdong Province, China

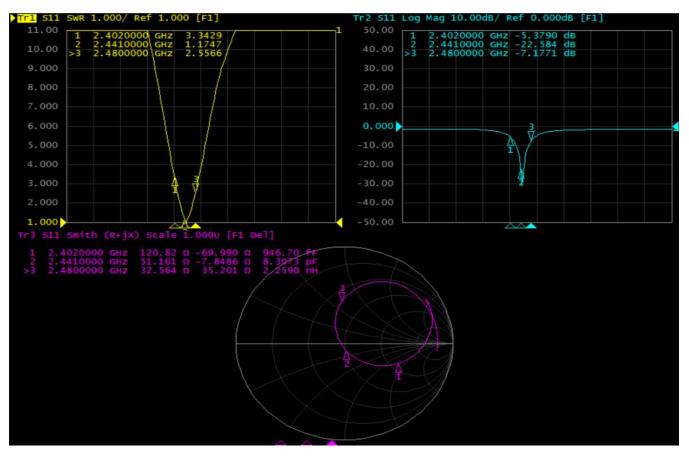
# **Engineering Specification**

### 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	<b>50</b> Ω		

#### 3.VSWR



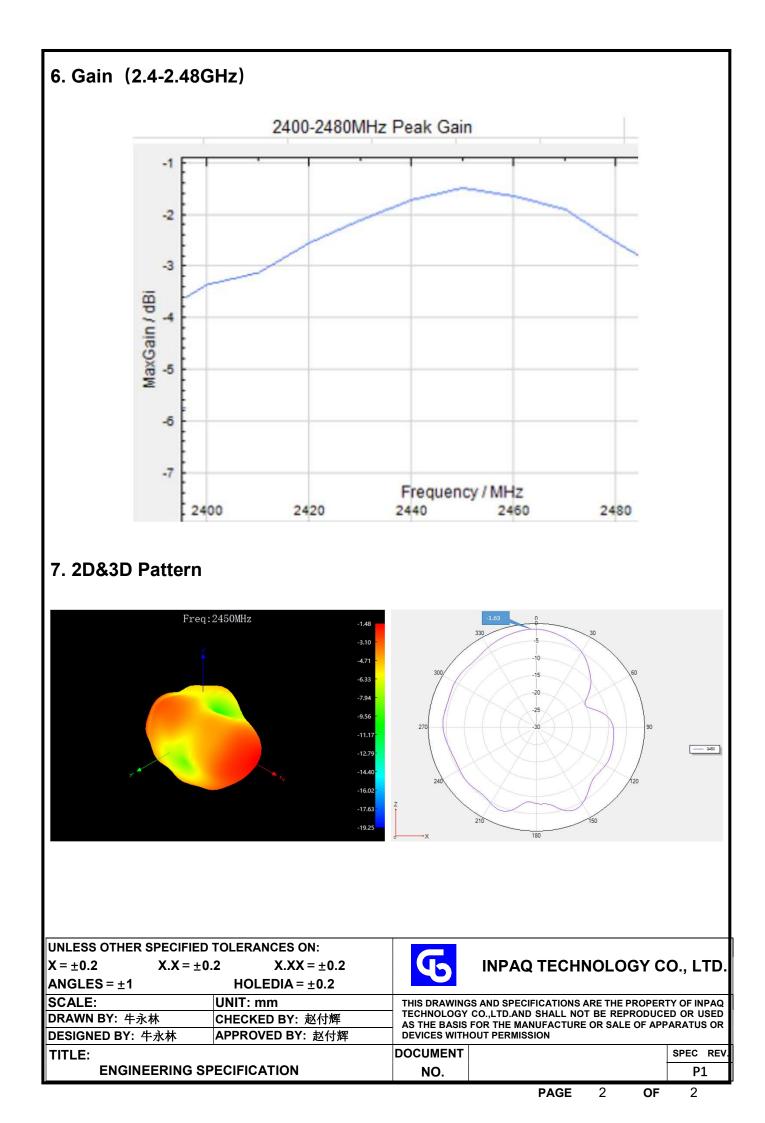
#### 4. Antenna Dimensions

## 5. Passive Test (2.4-2.48G)

Frequency (MHz)	Gain (dBi)	Efficien cy (%)
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:					
$X = \pm 0.2$ $X.X = \pm 0$	.2 $X.XX = \pm 0.2$		INPAQ TECH	NOLOGY C	O., LTD.
$ANGLES = \pm 1$	HOLEDIA = $\pm 0.2$				
SCALE:	UNIT: mm	-	GS AND SPECIFICATIONS		
DRAWN BY: 牛永林	CHECKED BY: 赵付辉		CO.,LTD.AND SHALL NO		
DESIGNED BY: 牛永林	APPROVED BY: 赵付辉		HOUT PERMISSION		
TITLE:		DOCUMENT			SPEC REV
ENGINEERING SPECIFICATION		NO.			P1
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Fre	eq:2450MHz -1.48 -3.10 -4.71 -6.33 -7.94 -9.56 -11.17 -12.79 -14.40 -16.02 -17.63 -19.25	270 240 Z	1.48 30 -5 -0 -5 -0 -5 -0 -5 -20 -25 -30 -25 -30 -20 -25 -30 -20 -25 -30 -20 -25 -30 -20 -25 -30 -30 -30 -30 -30 -30 -30 -30		245
Fre	eq:2450MHz -1.48 -3.10 -4.71 -6.33 -7.94 -9.56 -11.17 -12.79 -14.40 -16.02 -17.63 -19.25	270 270 240 X		30 60 90 120 150	245
8. Parameters of	the antenna matchin	g network	(S		
UNLESS OTHER SPECIFIE X = $\pm 0.2$ X.X = $\pm$		<u> </u>	INPAQ TECH		:0., LTD.
X = ±0.2 X.X = ± ANGLES = ±1	±0.2 X.XX = ±0.2 HOLEDIA = ±0.2	G	INPAQ TECH	INOLOGY C	:O., LTD.
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X = ±0.2 X.X = ± ANGLES = ±1 SCALE: DRAWN BY: 牛永林 DESIGNED BY: 牛永林 TITLE:	±0.2 X.XX = ±0.2 HOLEDIA = ±0.2 UNIT: mm CHECKED BY: 赵付辉	THIS DRAWING TECHNOLOGY AS THE BASIS	3S AND SPECIFICATIONS CO.,LTD.AND SHALL N FOR THE MANUFACTUF	S ARE THE PROPER OT BE REPRODUC	RTY OF INPAQ ED OR USED