Antenna Specification

1 PRODUCT INFORMATION 1.1 Manufacturer Information

Shenzhen Hanle Youpin Technology Co., Ltd

		1
	Address	709, Building B, City Mountain and Sea Center, Zhongxing Road, Ma'antang, Bantian Street, Longgang District, Shenzhen
1.2	2General Descripti	on for Equipment under Test (EUT)

Model Name Under 2.4G BT-ANT

	lest	
	Antenna Type	Wire Antenna
	Dimensions	30mm*0.8mm
	MAX. Gain	-2.70dBi
	Antenna Type	Wire
1.3	1.3 Technical Information	

1.4 Antenna shape

L	DIFFISIONS	JUIIIII U.OIIIIII
	MAX. Gain	-2.70dBi
	Antenna Type	Wire
_		
Ċ	Technical Informa	ition
	Frequencies	2400~2500MHz
	Test Fraguencies	2400MHz, 2410MHz, 2420MHz, 2430MHz, 2440MHz, 2450MHz
	Test Frequencies	2460MU- 2470MU- 2490MU- 2400MU- 2500MU-

2460MHz, 2470MHz, 2480MHz, 2490MHz, 2500MHz



Frequency

VSWR

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2400MHz 1.57 2450 MHz 1.76 2500 MHz 1.93

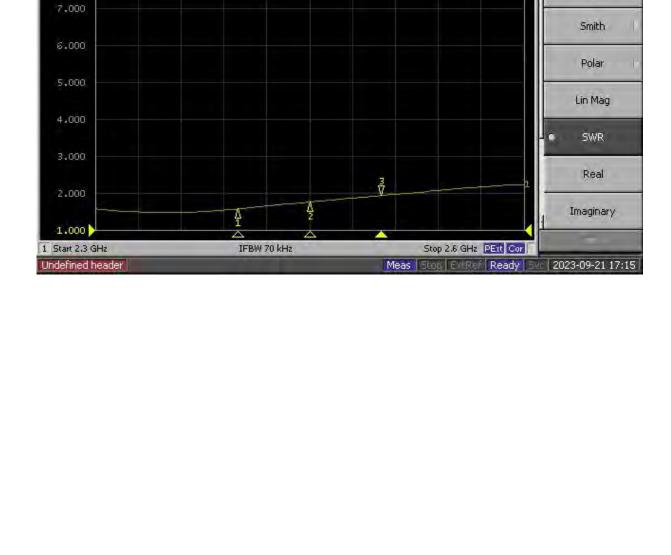
VSWR

Format

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

Trl S11 SWR 1.000/ Ref 1.000 [F1 M]

11,00	1 2.4000000 GHz 1.5684 2 2.4500000 GHz 1.7550 >3 2.5000000 GHz 1.9316	SWR
10.00		Log Mag
9,000		Phase
8.000		Group Delay

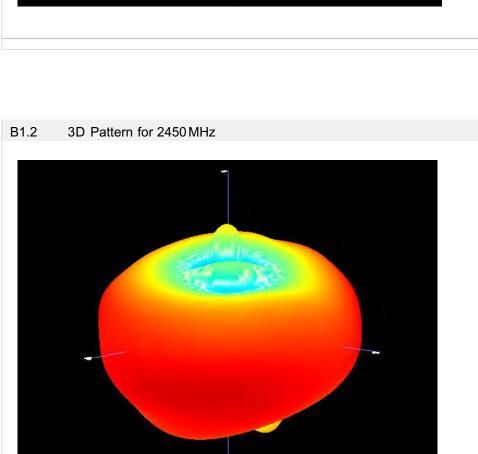


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3D Pattern for 2400 MHz

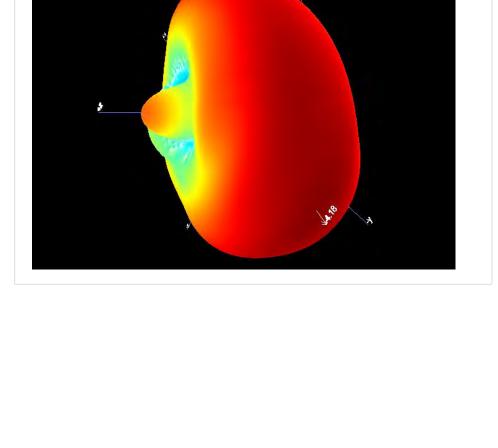
B1.3

3D Pattern



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3D Pattern for 2500 MHz



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Odeg

4.00dB

8.00dB

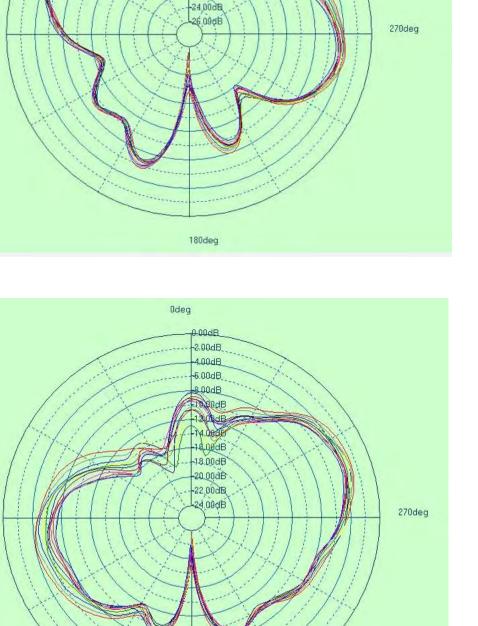
1D Radiation Pattern

PHI=0

90deg

PHI=90

90deg



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180deg

90deg 180deg 270deg
Frequency(MHz) Gain (dBi) Efficiency (%)
2400 -2.70 18
2410 -2.92 17

2420 -3.07 17 2430 -3.09 16 2440 -3.48 15 2450 -3.73 15 2460 -3.77 14 2470 -3.81 14 2480 -3.69 2500 -4.18