



深圳市联笙科技有限公司

ShengZhen LianSheng Technology Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期 Date 2020/05/28

编号 File No SA000790

版本 Revision 1.0

客 户

宝时得

CUSTOMER:

客户料号

CUSTOMER NO:

品 名

WIFI Antenna L总=135MM

供方料号

LSP.A1008.B113.01

送样日期 Date:

送样数量 Q"TY:

PCS

客户确认 CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

ChenGuoqiang

WenXue

ChenXingcheng

Add: 深圳市龙华新区民治民康路秋瑞大厦 6 楼 609 室 Tel:0755-82885545 MP:13823198410

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13	-	-	-

RoHS
Compatible

CUSTOMER
PART NO

REV.

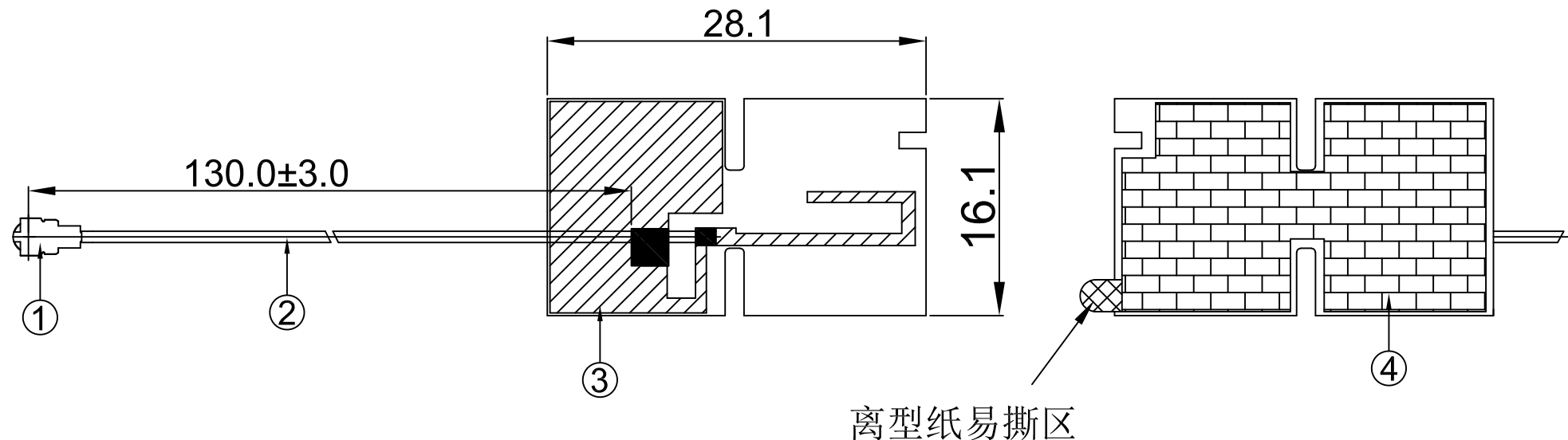


DESCRIPTION

首次发行

DATE

2020-05-06



4	Paster	27.0*15.5MM	3M	PAS100XXA.P01	1
3	PCB Black	28.1*16.1MM	PCB	PCB113XXX.P01	1
2	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA10001A.P01	1
1	Mini Connector	Au Plated 1代	Cu	TER10001A.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



深圳市联笙科技有限公司

Tel:0755-82885545

ShengZhen LianSheng Technology Co.,Ltd.

MP:13823198410

PART NAME:WIFI Antenna L=130mm MHF

PART NO.:LSP.A1008.B113.01

DATE: 2020-05-06

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance
X.X ±0.50
X.XX±0.15
X° ±3°

陈国强

文雪

黄望春

UNITS: mm

SCALE: 1/1

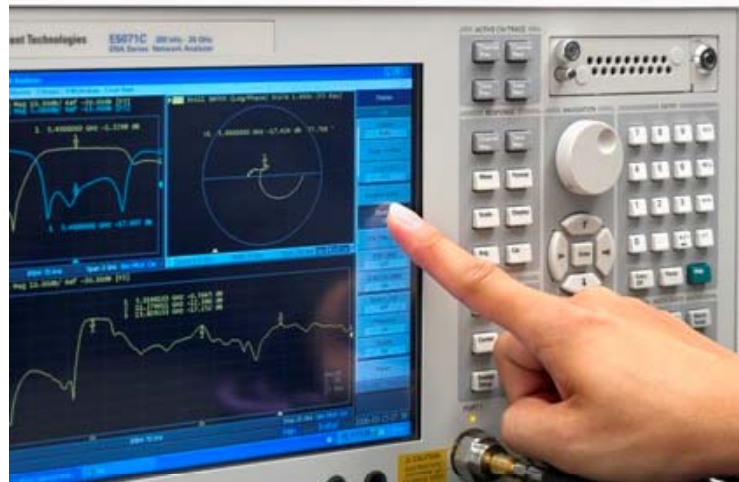
REVISION: A

天线规格

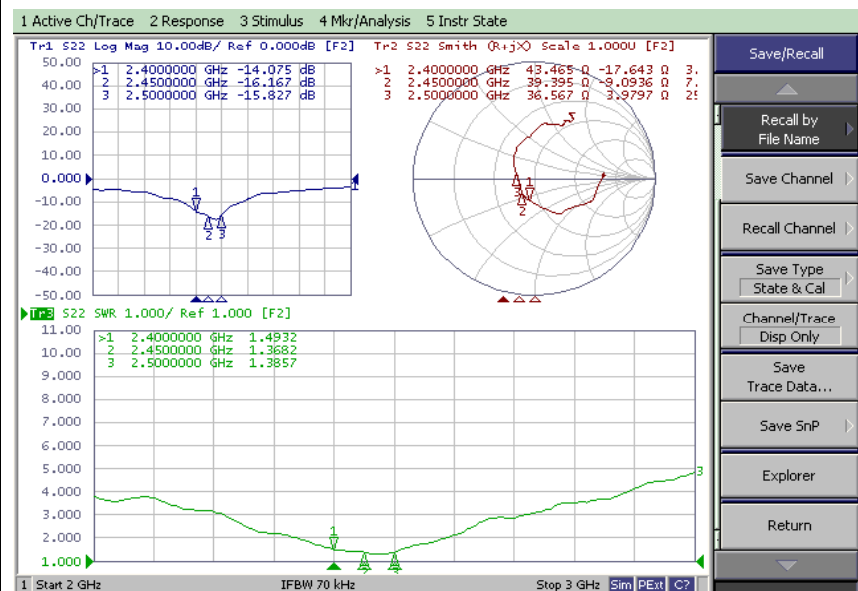
Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	4.1dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1代IPEX
Cable Type	O.D.1.13mm
Cable Length	130mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp.	-40~ +85 °C

Agilent E5071B



S Parameter Test // WiFi Antenna

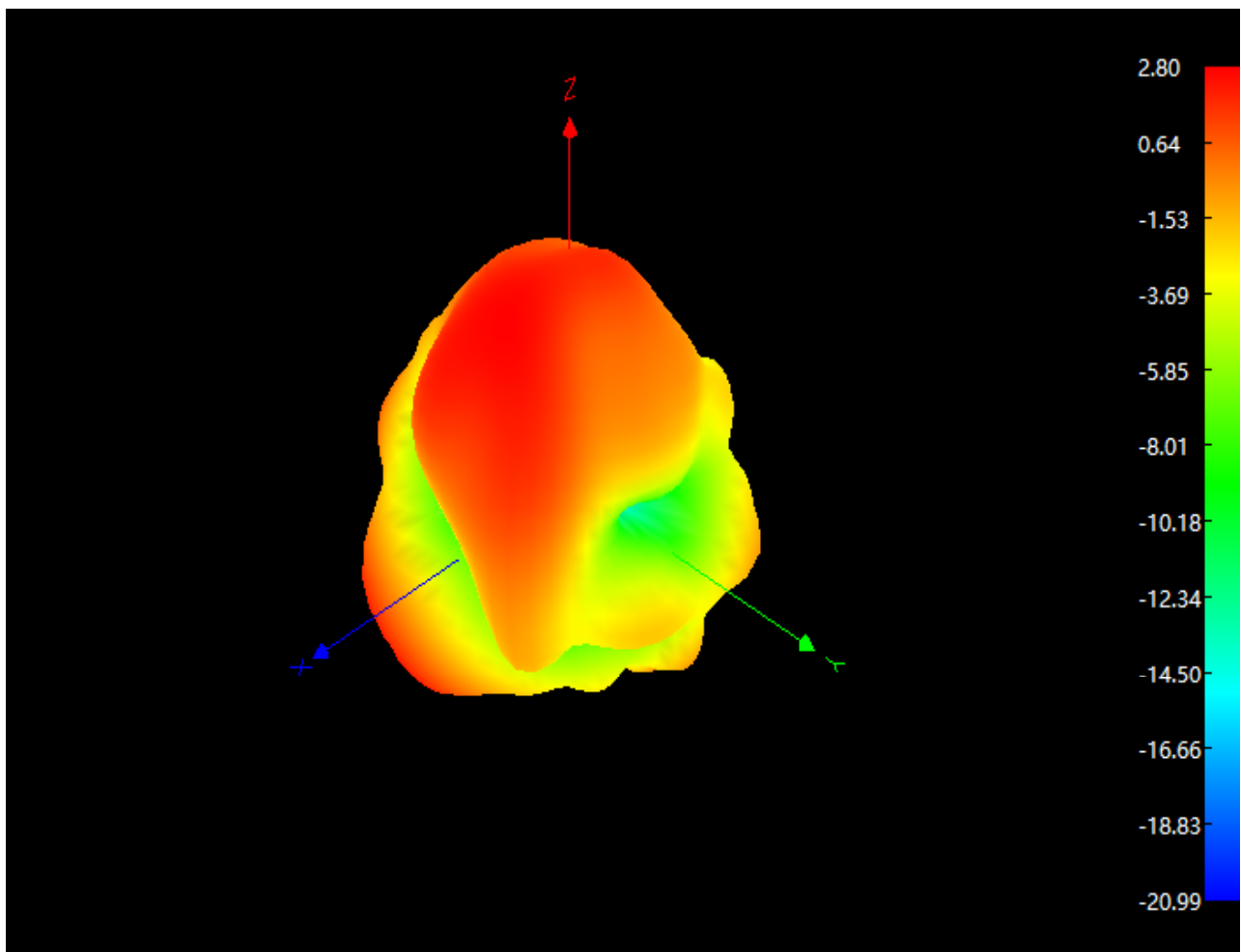


Passive Test For WiFi Antenna(2.4G)

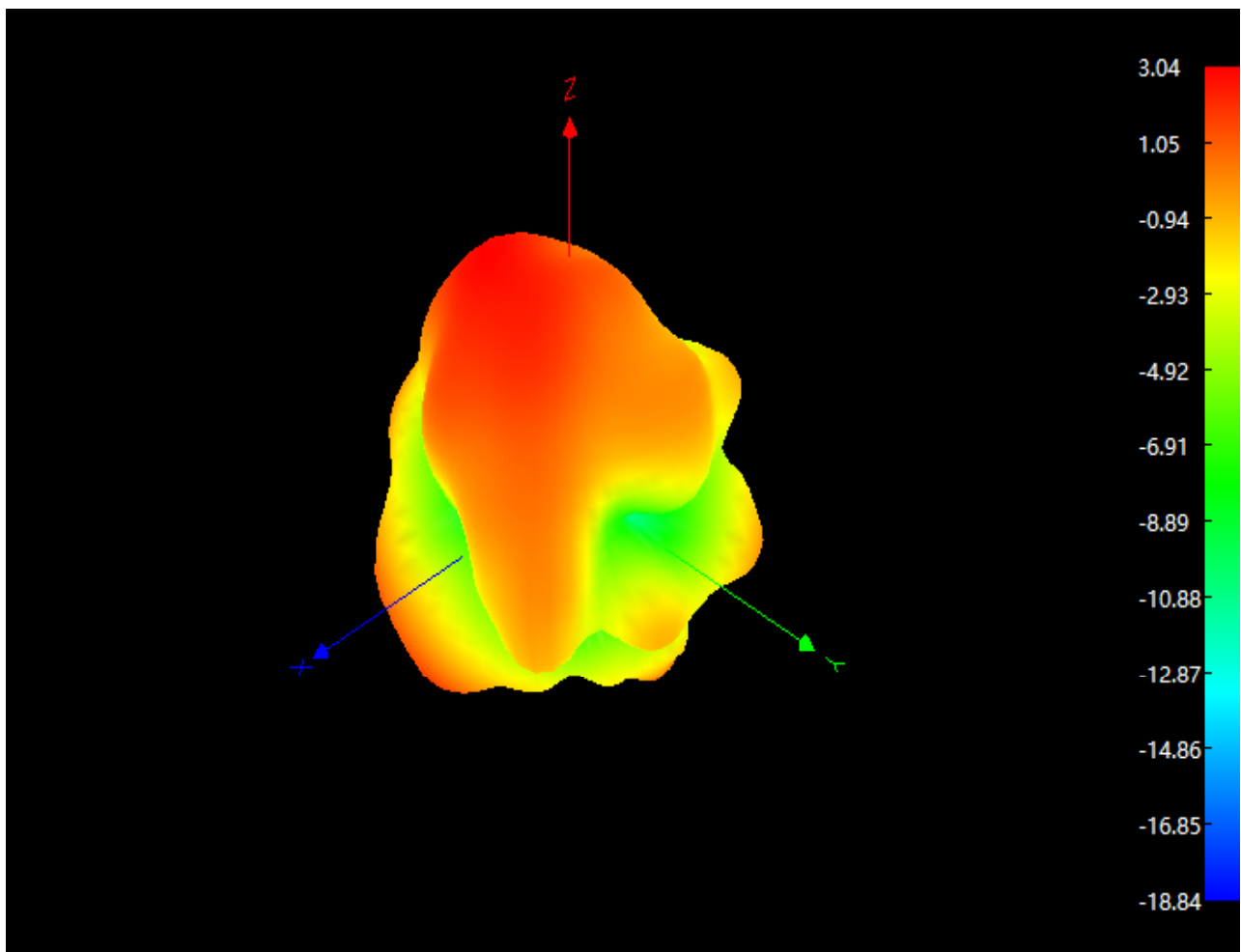
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	53.0	-2.8	2.8
2410	52.7	-2.8	3.0
2420	53.8	-2.7	2.8
2430	55.9	-2.5	2.6
2440	54.1	-2.7	2.5
2450	55.3	-2.6	3.0
2460	55.9	-2.5	3.5
2470	55.1	-2.6	3.7
2480	53.3	-2.7	3.9
2490	53.5	-2.7	4.0
2500	50.7	-3.0	4.1

Active Test For WIFI							
Band	Channel	Data Rate	TRP	EIRP	Data Rate	TIS	EIS
WIFI 2.4G 802.11b	1	11Mbps	11.9	18.1	11Mbps	-78.4	-84.7
	6		13.8	19.3		-79.0	-85.5
	13		12.1	18.5		-80.7	-86.4

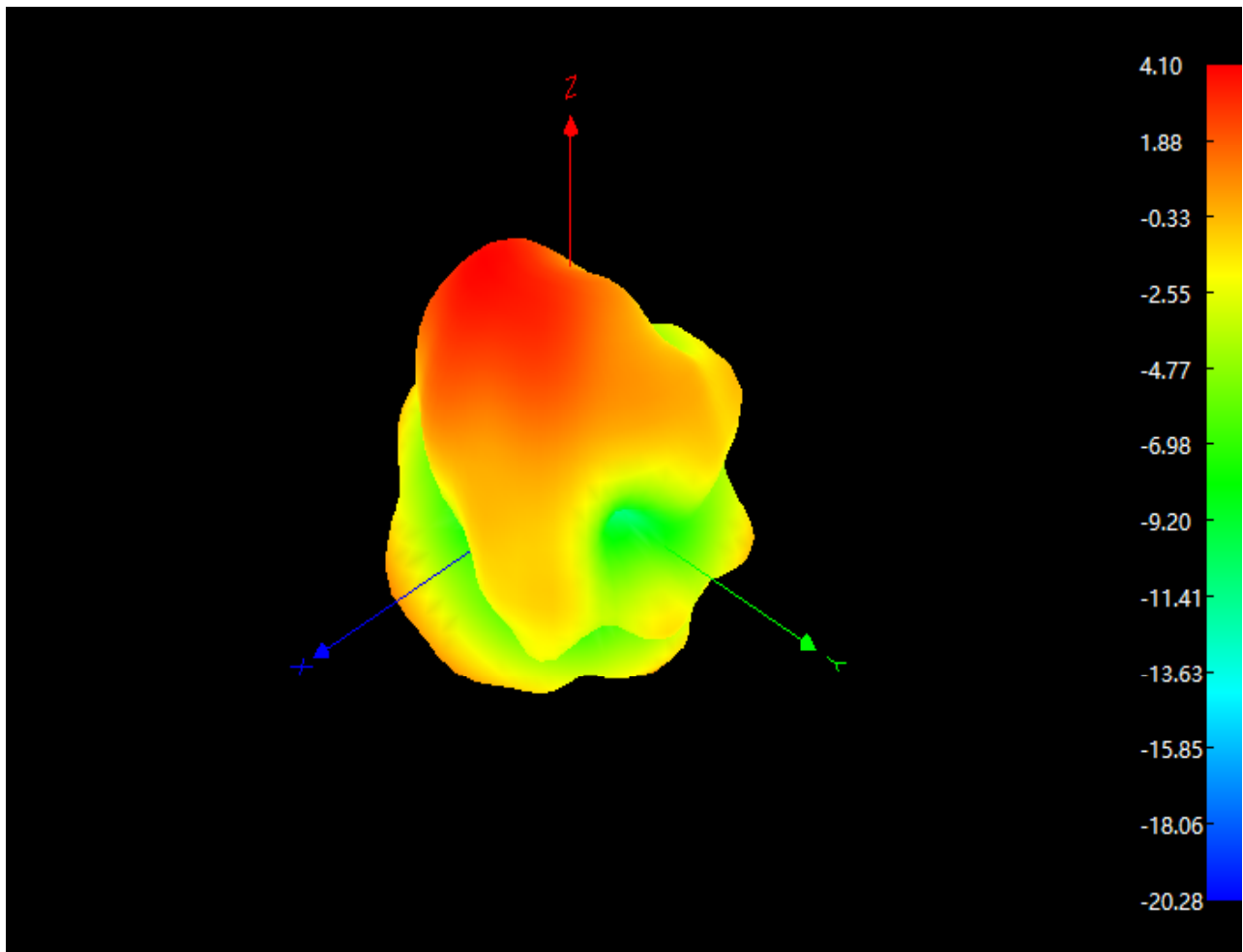
Radiation Pattern For WiFi (2400MHz)



Radiation Pattern For WiFi (2450MHz)



Radiation Pattern For WiFi (2500MHz)



Device



***Antenna
WiFi***



