



上海增信电子有限公司
Signal Plus Technology Co., Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期
DATE: 2022.05.20

版本
REV.: A

客 户
CUSTOMER: SHINING 3D Tech. Co., Ltd

客 户 料 号
CUSTOMER P/N: P00023293

品 名
PART NAME: Internal PCB antenna 2.4G 1.13 grey cable L320mm with
RF CONN foam tape for LCD

供 方 料 号
SUPPLIER P/N: 6081F00002

送样日期Date: 送样数量Q'TY: Pcs

客户确认CUSTOMER APPROVED BY		
核准 Approved by	审核 Checked by	拟制 Prepared by

供方确认SUPPLIER SIGNATURE		
核准 Approved by	审核 Checked by	拟制 Prepared by
Jack		andy

ZX-QT-RD-0011-A1

Add:上海市徐汇区桂箐路69号30栋603室 Tel:021-54266190 Fax:021-54266191

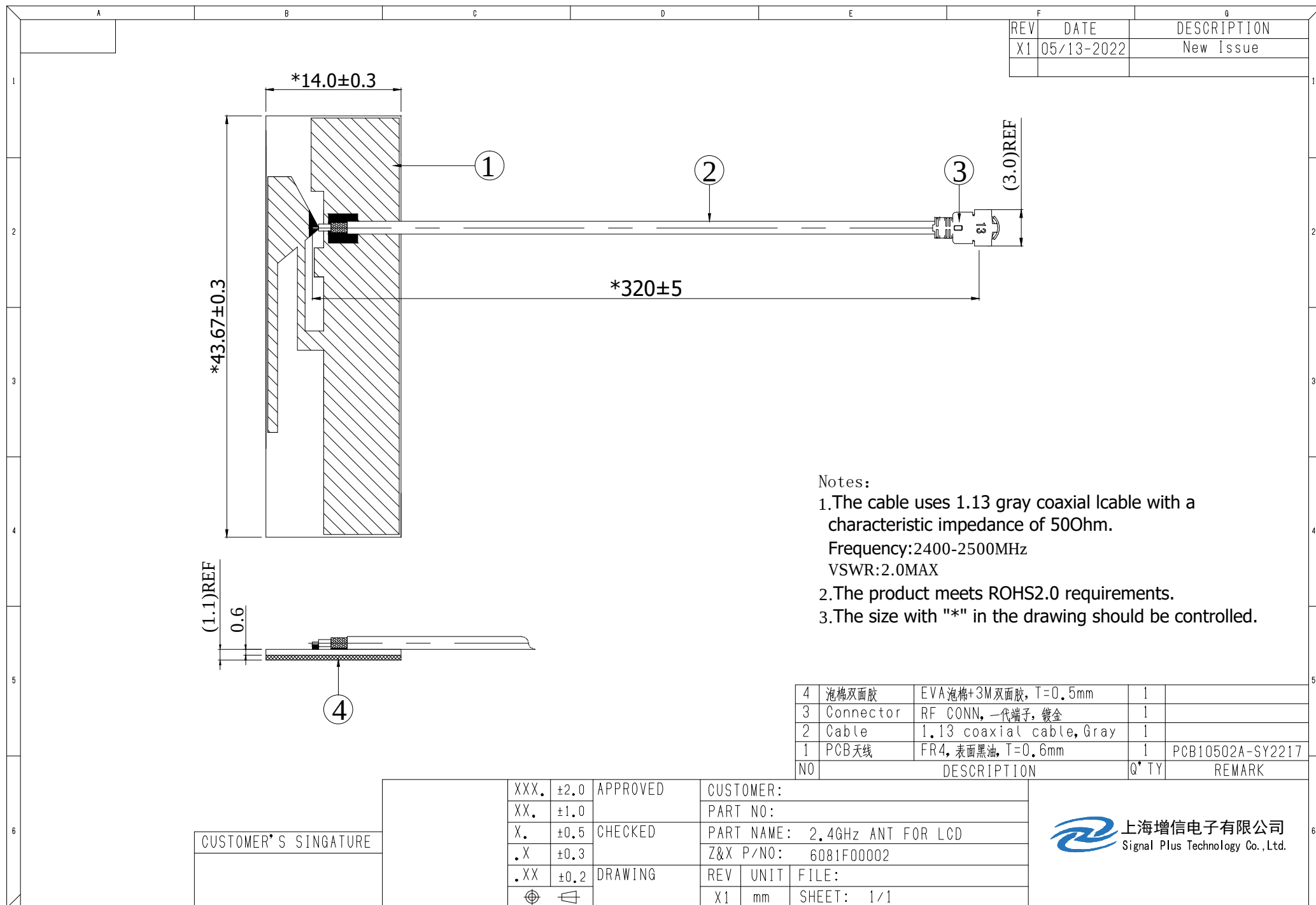
Specification

1. Electrical Properties :

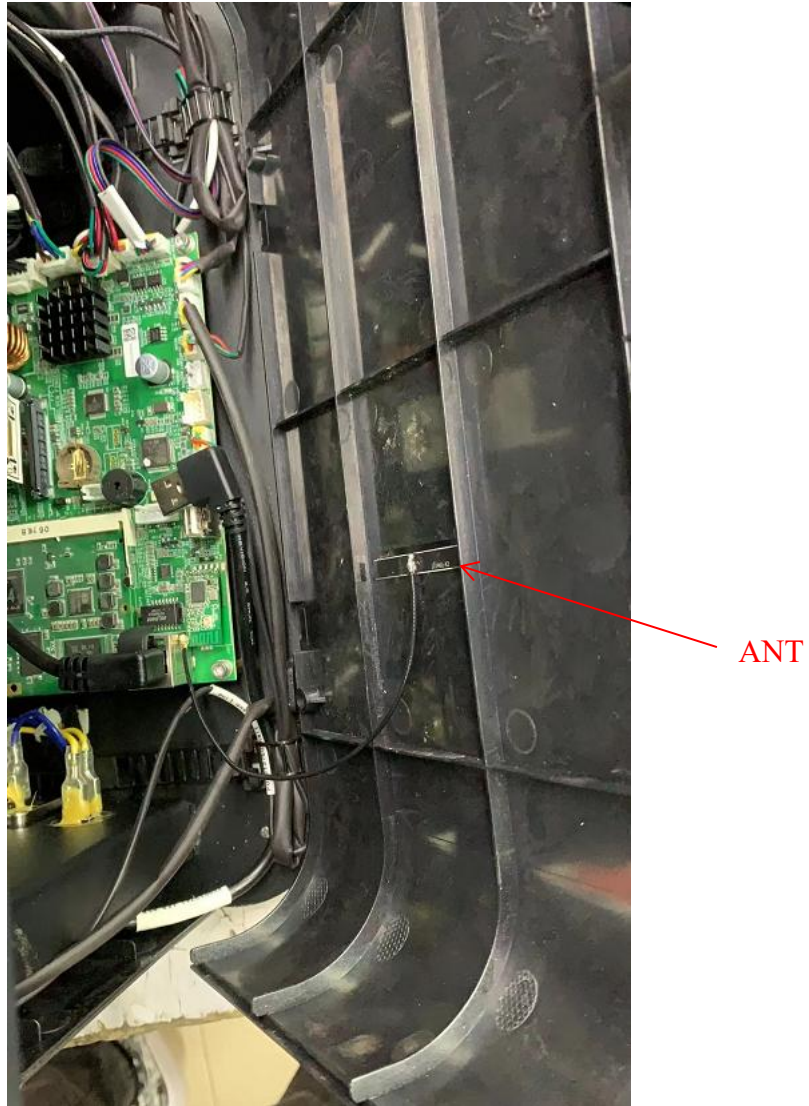
- 1.1 Frequency Range.....2400~2500MHz
- 1.2 Impedance 50 Ω
- 1.3 VSWR ≤ 2.0
- 1.5 Gain 4dBi

2. Physical Properties :

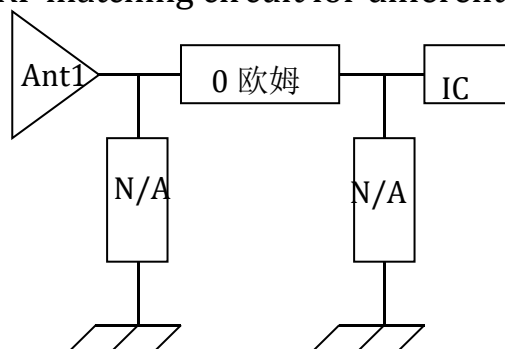
- 2.1 Cable..... RF 1.13
- 2.2 Connector RF CONN 1
- 2.3 Operating Temp. -20°C ~ +65°C
- 2.4 Storage Temp. -30°C ~ +75°C



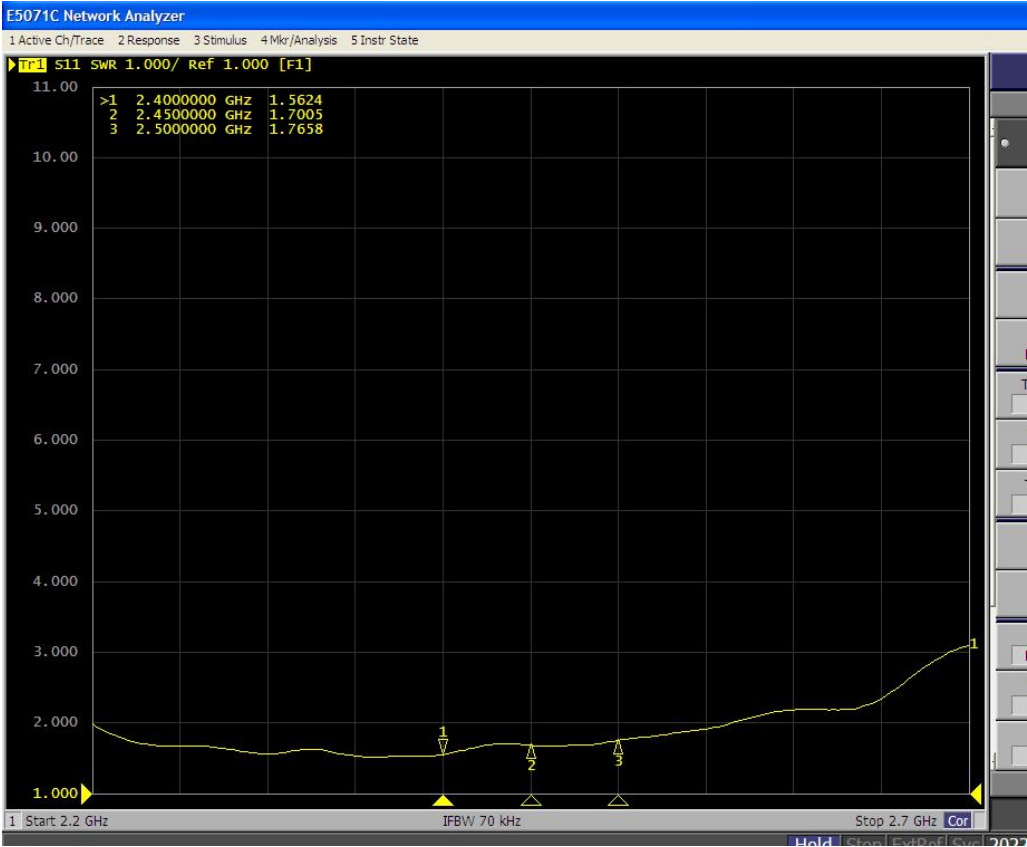
2. Antenna Solution



3. RF matching circuit for different antennas



S11

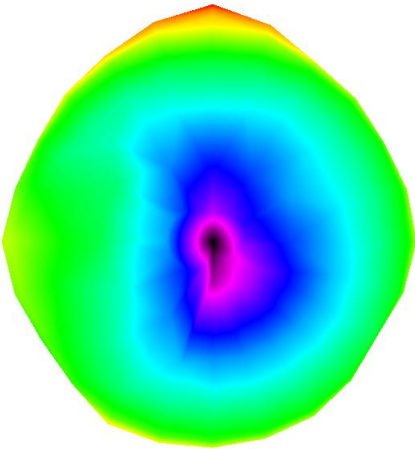


Data Previe

Ant:

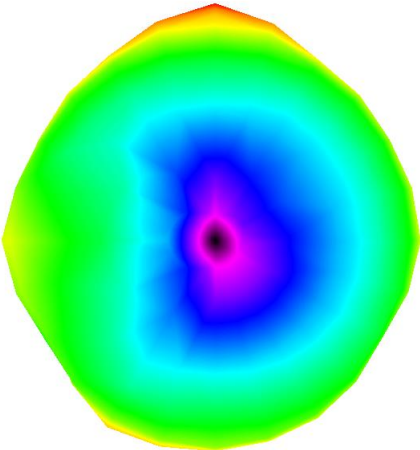
Parameter/frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain(dBi)	3.72	3.56	3.56	3.36	3.22	3.11	3.23	3.43	3.12	3.19	3.06
Efficiency(%)	65.04	64.32	64.51	62.92	63.3	61.52	62.43	63.18	62.09	62.45	60.16

Radiation patterns:3D



频率(mhz):2400
型号:2.4
测试面:3D
端口:AT0
日期:2022/5/5
时间:9:56:01

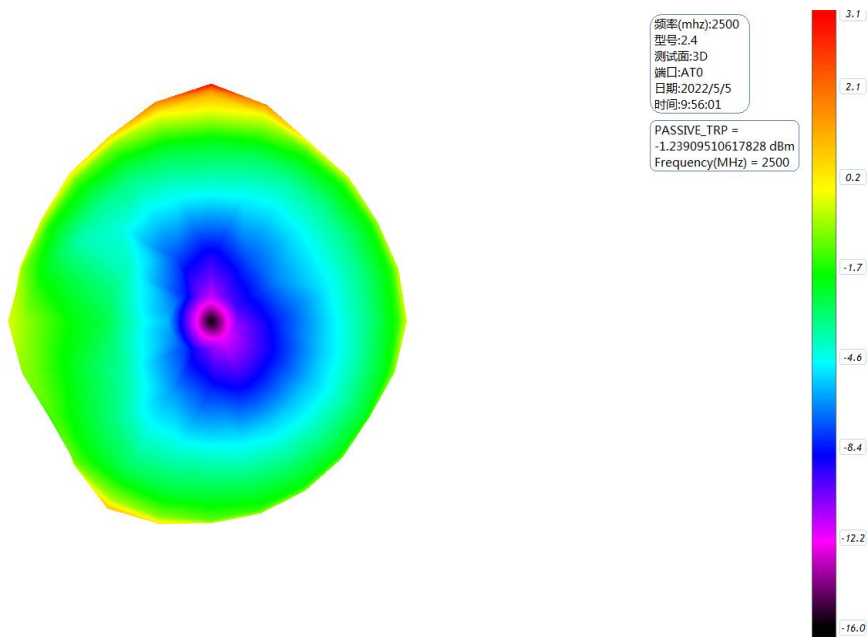
PASSIVE_TRP =
-356532577506531 dBm
Frequency(MHz) = 2400



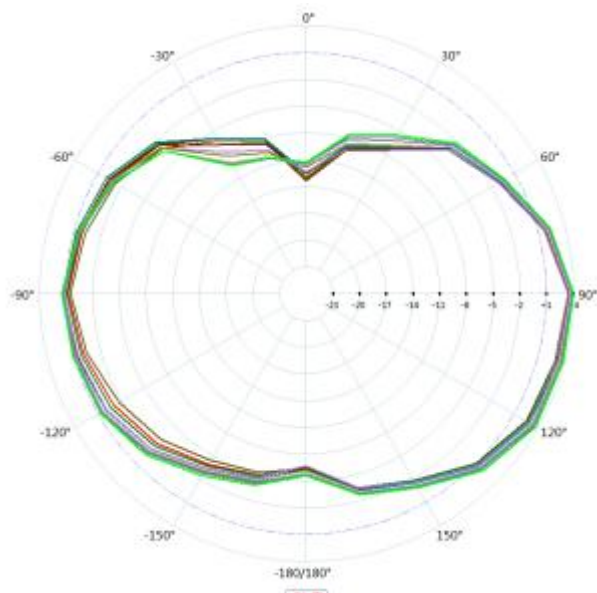
频率(mhz):2450
型号:2.4
测试面:3D
端口:AT0
日期:2022/5/5
时间:9:56:01

PASSIVE_TRP =
-1.04530222568881 dBm
Frequency(MHz) = 2450

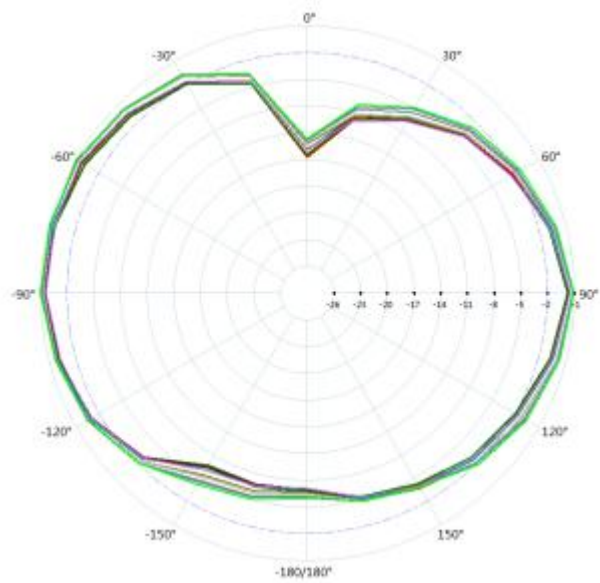




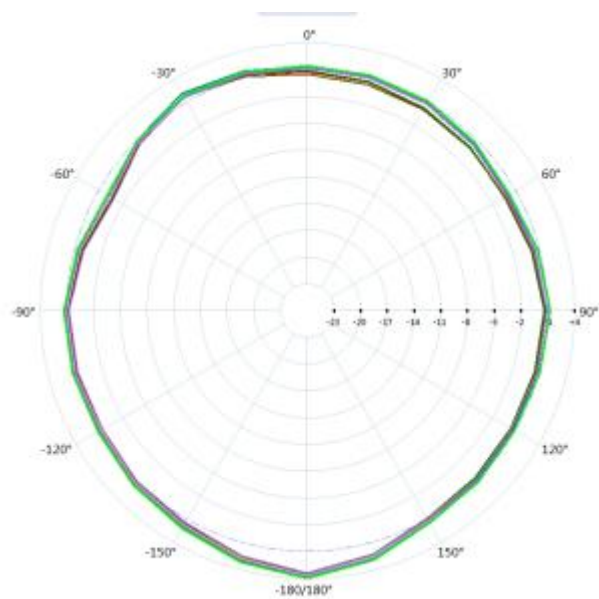
Radiation patterns:2D



XY



XZ



YZ