

# Shenzhen Yishengbang Technology Co., LTD

## Sample acceptance letter

### SPECIFICATION FOR APPROVAL

The name of the company: Guangzhou LieDun Electronic Technology Co. LTD

The material code: \_\_\_\_\_

specifications: \_\_\_\_\_

Admitted to date: \_\_\_\_\_


The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier standard type number: NFC:SLK-LD-4425A-L-140IV-B

GPS:SLK-LD-2522-M-155IV-B      WIFI:SLK-LD-1610-R-50IV-G

4G MAIN:SLK-LD-7018-R-205IV-B    4G AUX:SLK-LD-7018-R-105IV-G

### Admit signature

For acceptance by the contractor			Guangzhou LieDun Electronic Technology Co. LTD		
The engineer	The reviewer	approved	The engineer	The reviewer	approved
Xinzhu Fan	Zhen Huang	Meicai Lin			
Signed and sealed			Signed and sealed		
date			2023-4-25	date	
instructions: <input type="checkbox"/> accept <input type="checkbox"/> Conditional acceptance					
note:					

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier address: 101, Building C, Shenzhen Qianwan Hard Technology Industrial Park, Bao'an District, Shenzhen

telephone: 18025305599

telephone: 18666299104

# NFC

## 1. Explanation of Product number :



Product Code:

(1) Customer:LieDun

(2) Antenna Name:NFC Antenna

(3) Connector:0.81 Black cable, total length 140mm, 4 generation terminals

## 2. Features

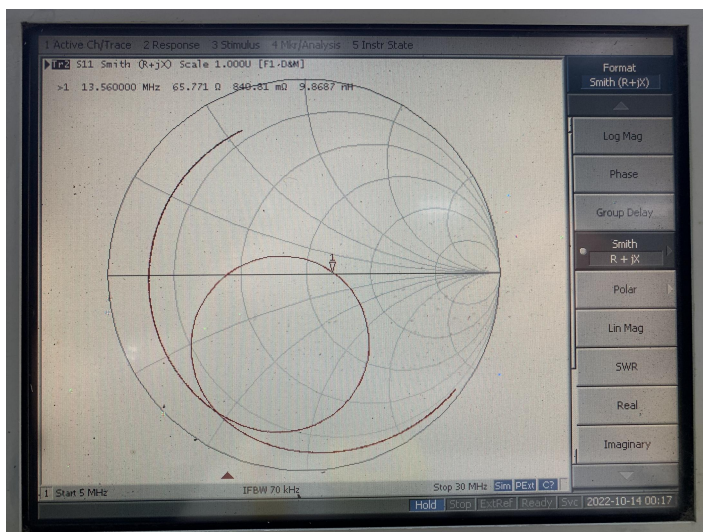
\*Stable and reliable in performances

\*Compact size

\*RoHS compliance

## 3. Electrical Specifications

### Smith



NFC:0dBi



# GPS

## 1. Explanation of Product number :



Product Code:

- (1) Customer:LieDun
- (2) Antenna Name:GPS Antenna
- (3) Connector:0.81 Black cable, total length 155mm, 4 generation terminals

## 2. Features

- \*Stable and reliable in performances
- \*Compact size
- \*RoHS compliance

## 3. Description

Holy bond's FPC antenna series are specially designed for GPS applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.



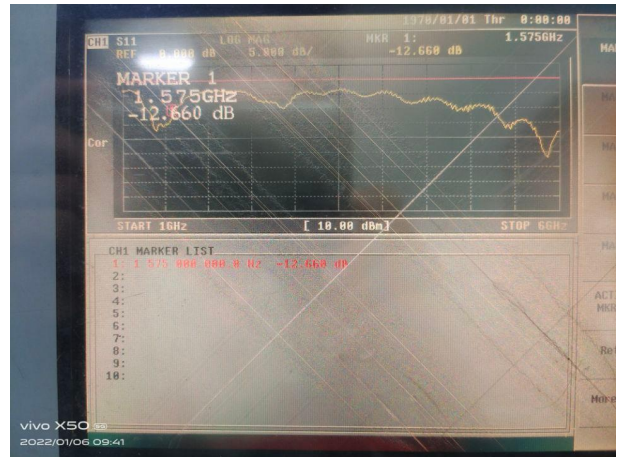
## 4. Electrical Specifications

4-1

VSWR

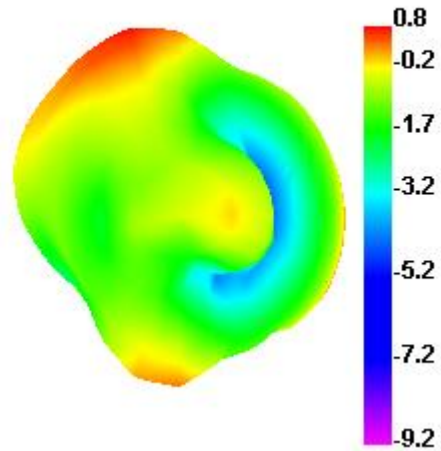


S11

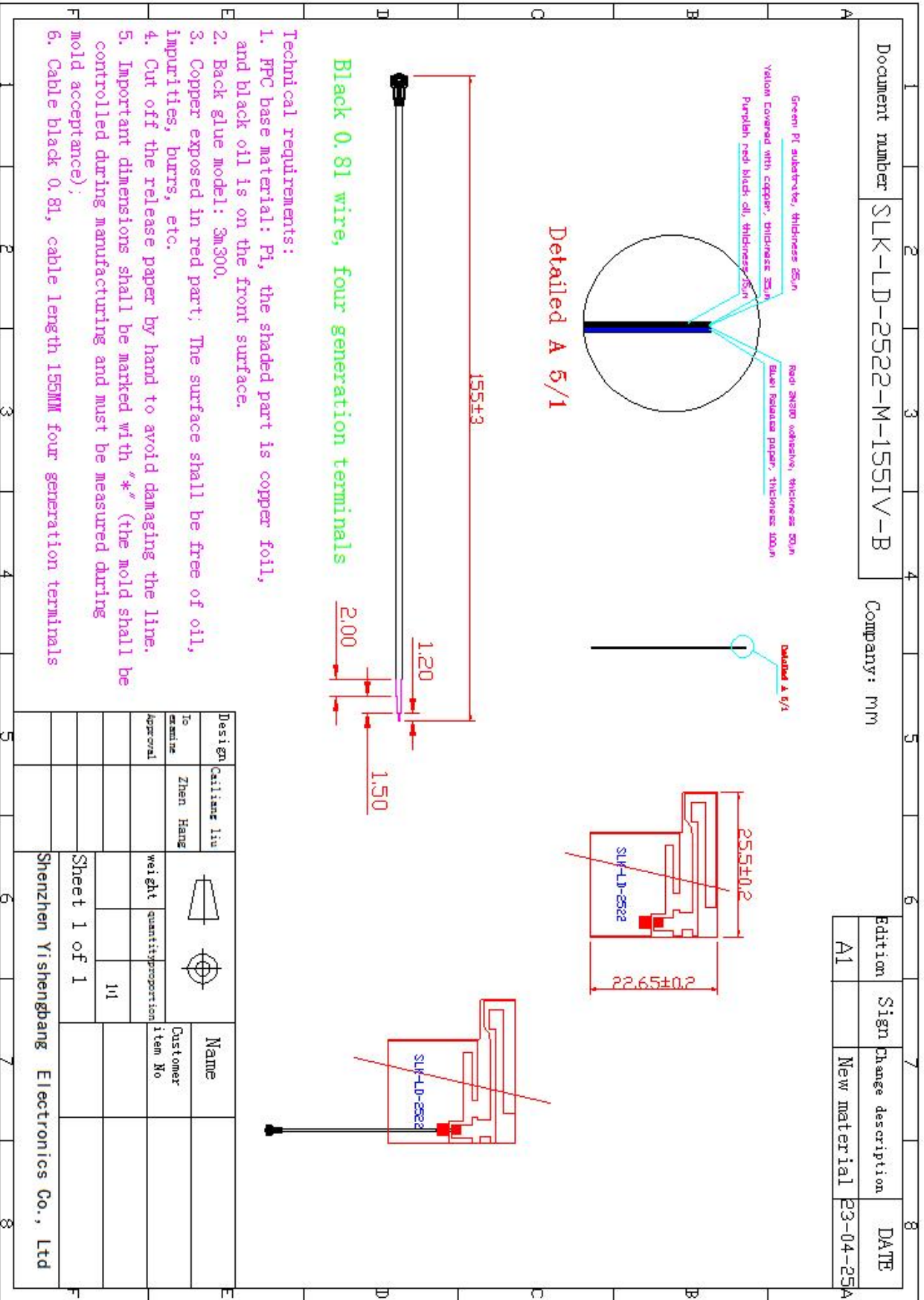


### 4-2. GPS Antenna Gain/Efficiency/Radiation Pattern of 3D 1575.000MHz

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1570	31.93	-4.95	0.88
1575	32.72	-4.85	0.79
1580	32.08	-4.93	0.49



## 5. Antenna Dimensions (unit: mm)



# WIFI Antenna

## 1.Explanation of Product number :



Product Code:

- (1) Customer:LieDun
- (2) Antenna Name:WIFI Antenna
- (3) Connector:0.81 grey cable, total length 50mm, 4 generation terminals

## 2.Features

- \*Stable and reliable in performances
- \*Compact size
- \*RoHS compliance

## 3. Applications

- \* IEEE802.11 (b/g/n/a)
- \* Hand-held devices when WIFI (802.11b/g/n/a) functions are needed

## 4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

## 5. Electrical Specifications

### 5-1

#### VSWR



#### S11

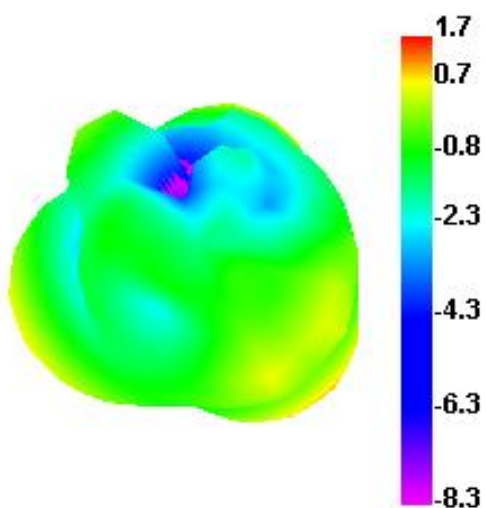


### 5-2. WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

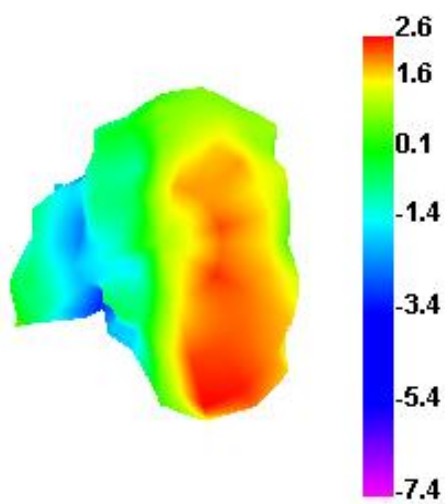
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	36.01	-4.43	1.93
2450	38.83	-4.1	2.13
2500	34.18	-4.66	2.00
5150	35.79	-4.46	2.13
5500	35.89	-4.45	1.14
5850	36.34	-4.39	1.64



**2450.000MHz**



**5850.000MHz**





# 4G MAIN

## 1. Explanation of Product number :



Product Code:

- (1) Customer:LieDun
- (2) Antenna Name:4G MAIN Antenna
- (3) Connector:0.81 Black cable, total length 205mm, 4 generation terminals

## 2. Features

- \*Stable and reliable in performances
- \*Compact size
- \*RoHS compliance

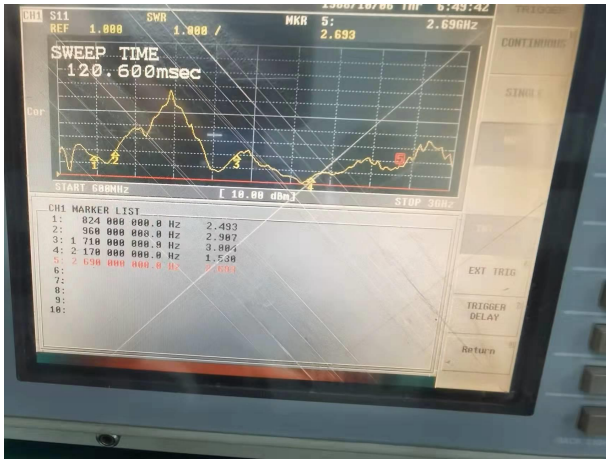
## 3. Description

Holy bond's FPC antenna series are specially designed for 4G applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

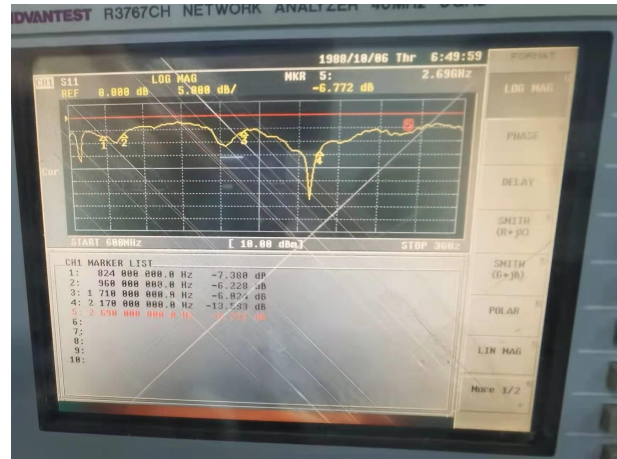
## 4. Electrical Specifications

### 4-1

#### VSWR



#### S11



### 4-2. 2G/3G/4G Antenna TRP/TIS

美版

4G 频段	LTE-L	LTE-M	LTE-R	TIS
LTE-2	16.9	17.7	18.4	-96.3
LTE-4	18.1	17.7	17.5	-94.9
LTE-5	15.5	15.5	15.1	-85.8
LTE-7	15.4	14.7	14.5	-95.2
LTE-12	13.1	13.3	13.6	-83.1
LTE-13	14.7	14.9	14.9	-84.7
LTE-14	14.9	15.1	14.8	-84.4
LTE-17	12.6	12.7	12.9	-83.7
LTE-25	17.9	18.5	18.5	-96.6
LTE-26	15.1	15.6	15.0	-86.9
LTE-66	18.2	17.6	16.7	-94.3
LTE-71	12.8	12.7	12.9	-84.9

欧版

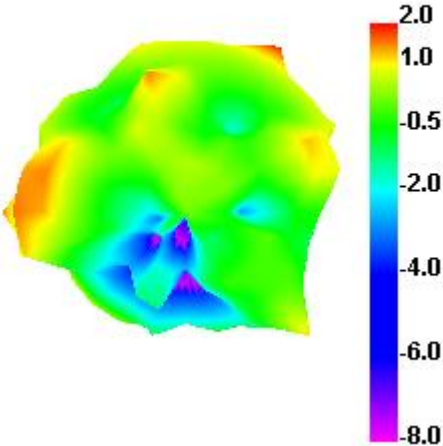
4G 频段	LTE-L	LTE-M	LTE-R	TIS
LTE-1	17.2	16.9	16.8	-93.5
LTE-2	17.1	16.8	17.1	-94.1
LTE-3	17.3	17.2	16.9	-94.6
LTE-4	17.9	17.7	17.5	-94.3
LTE-5	15.8	15.6	15.2	-85.7
LTE-7	15.5	15.3	14.9	-94.4
LTE-8	14.8	15.0	14.7	-86.7
LTE-20	14.6	14.1	14.8	-86.5
LTE-28	13.3	13.5	14.2	-84.8
LTE-38	16.9	16.6	16.7	-88.9
LTE-39	16.2	15.8	15.9	-89.9
LTE-40	17.3	17.5	17.6	-88.8
LTE-41	17.5	17.2	16.9	-87.6



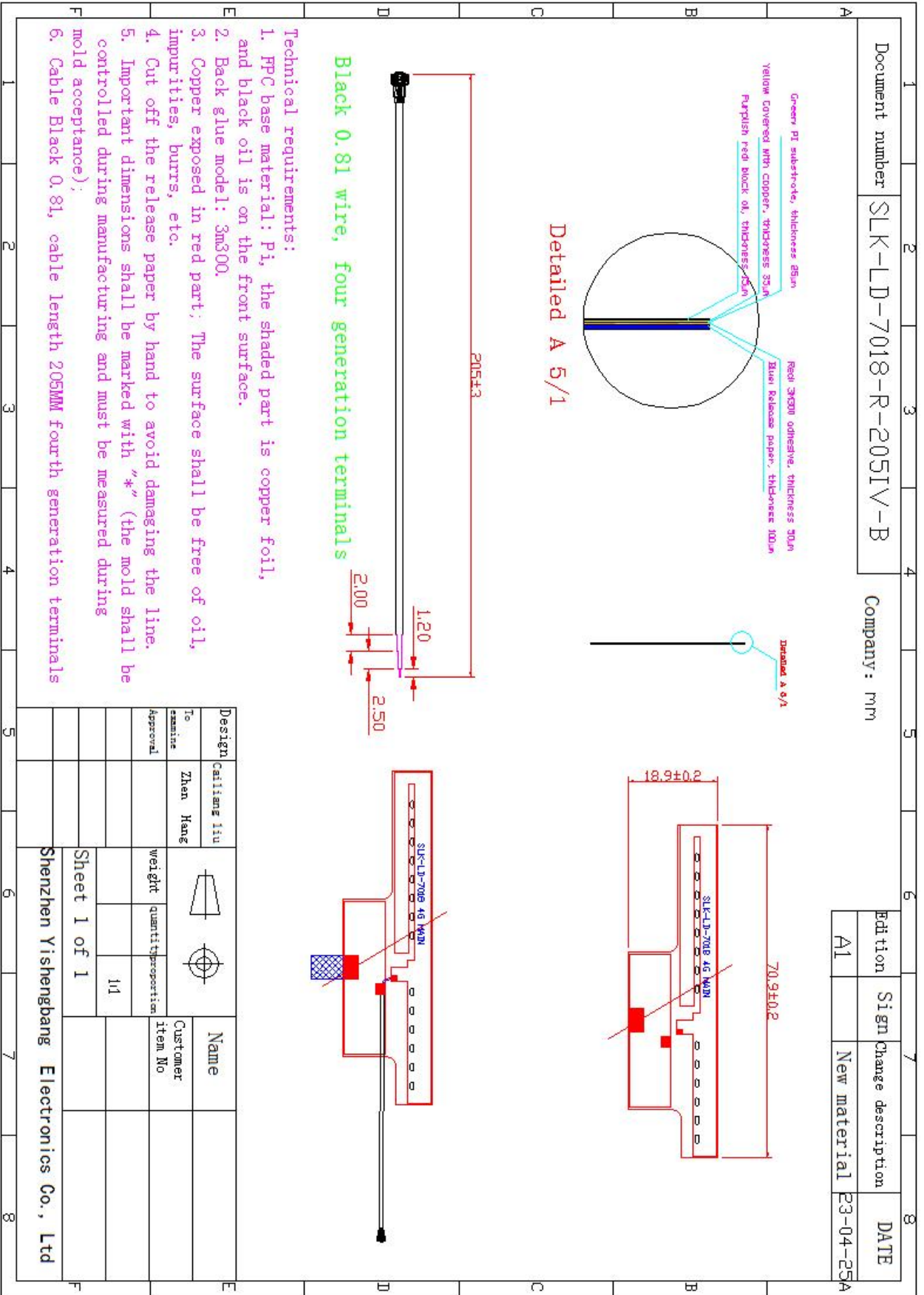
### 4-3.4G Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
825	30.76	-5.12	1.65
960	31.74	-4.98	1.65
1700	35.15	-4.54	1.65
2100	32.67	-4.85	1.65
2690	30.96	-5.09	1.65

1700.000MHz



# 5. Antenna Dimensions (unit: mm)



# 4G AUX

## 1. Explanation of Product number :



Product Code:

- (1) Customer:LieDun
- (2) Antenna Name:4G AUX Antenna
- (3) Connector:0.81 Black cable, total length 105mm, 4 generation terminals

## 2. Features

- \*Stable and reliable in performances
- \*Compact size
- \*RoHS compliance

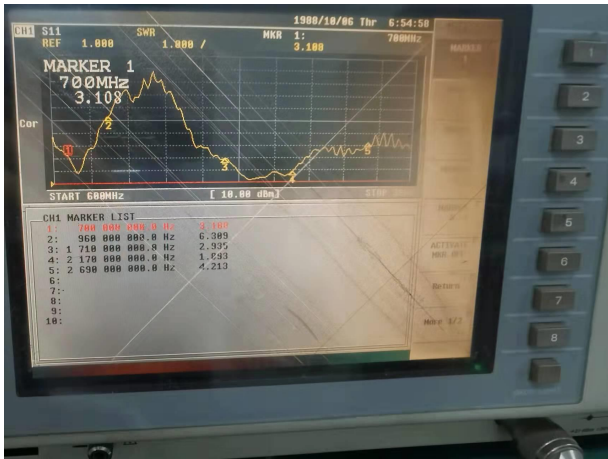
## 3. Description

Holy bond's FPC antenna series are specially designed for 4G applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

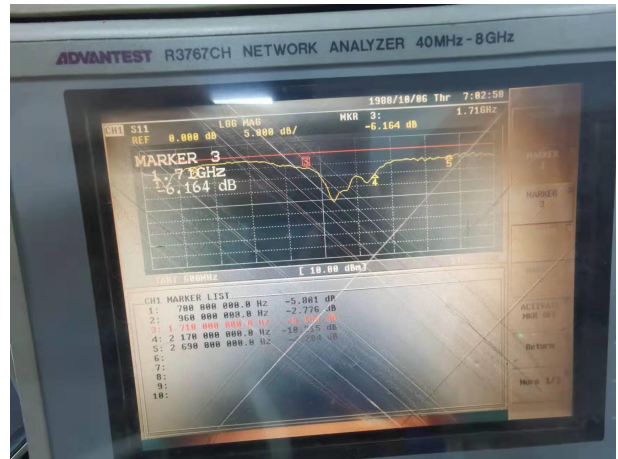
# 4. Electrical Specifications

## 4-1

### VSWR



### S11



# 5. Antenna Dimensions (unit: mm)

