

Shenzhen Chuangkehua Technology Co., Ltd.

承 认 书
SPECIFICATION FOR
APPROVAL

客户
CUSTOMER

Shenzhen Mili Automotive Electronics Co., Ltd.

品名
DEACRIPTION

D026-WIFI

物料编码:
PART NO

物料描述:
SPECIFICATIO

CKH-D026-WIFI, Wire length 35mm, 2nd-generation terminal, solder connection.

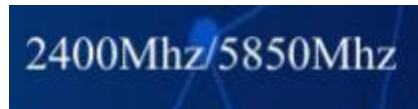
APPROVED BY	SIGNATURE	DATE
Mechanical Engineer:	Luo	2026-06-25
RF Engineer:	Zeng	2026-06-25
Engineering Manager:	Wang	2026-06-25
Approved By Customer (as required):		

1.0 DESCRIPTIONS AND PART NUMBER:

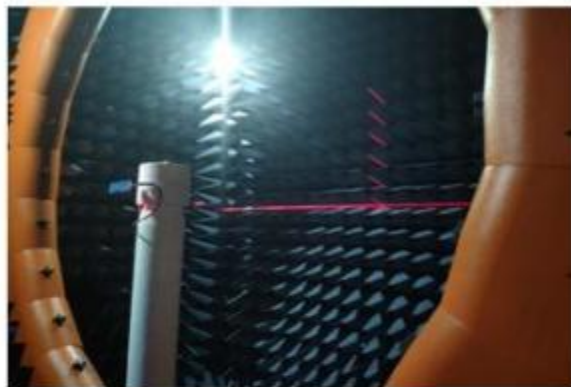
- 1.1 DESCRIPTION;
- The antenna mounts to the housing of the cellular phone. And after that, the feed point on the prolongation of metal plate should firmly touch the contact provided on the PCB in the respective area.
- 1.2 PART NUMBER

Part number	Frequency Band	HH Part Number
	2400MHz/5850MHz	

2.0FREQUENCY BAND



2.1 ACTIVE TEST REPORT



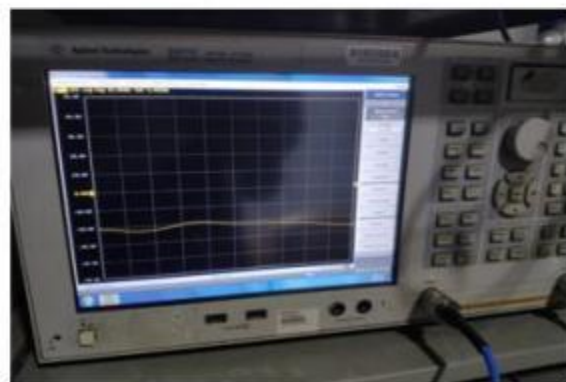
7*4*3M 3D



MT8820C

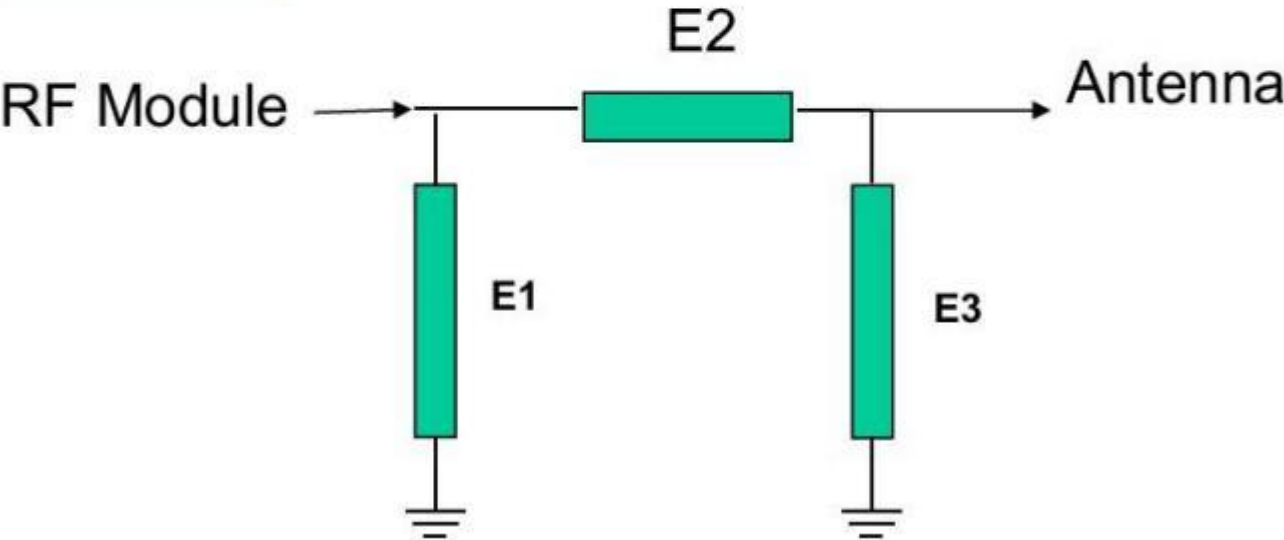


Agilent 8960



Agilent E5071C

Element	E1	E2	E3
Value	/	/	/

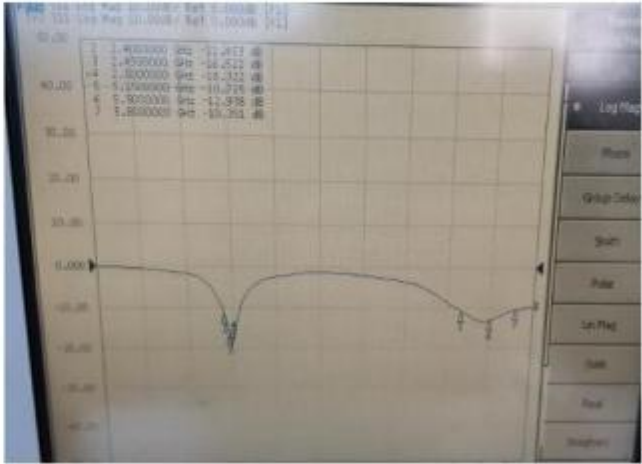
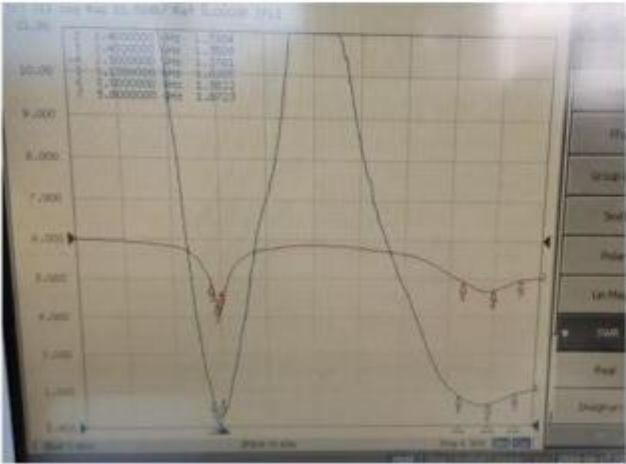


3.0 MECHANICAL SPECIFICATIONS:



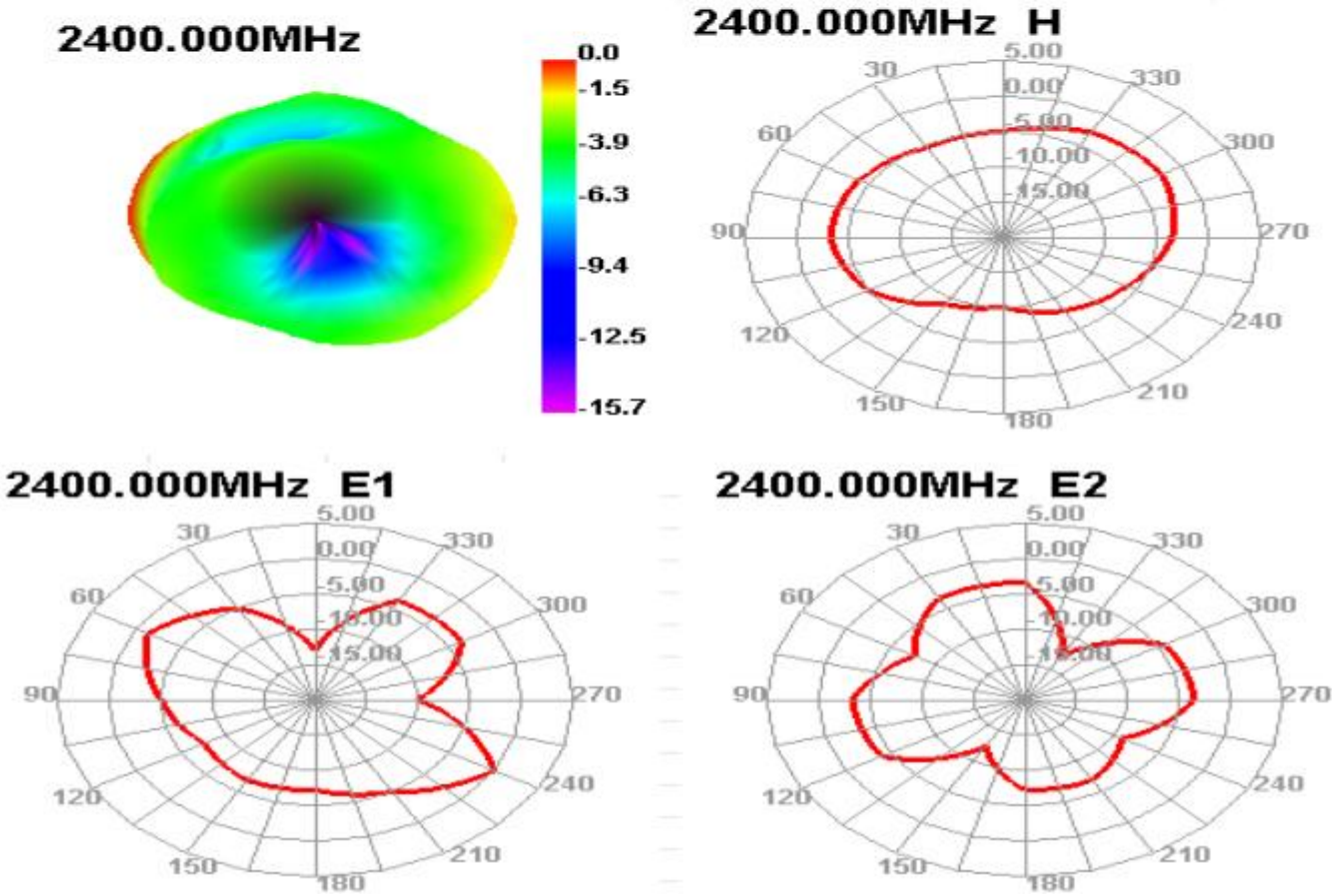
2.4/5.8驻波图
2.4/5.8 standing wave pattern

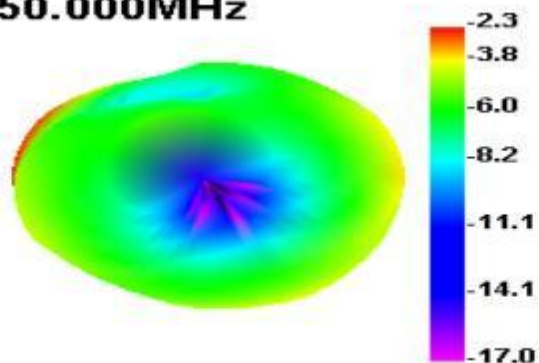
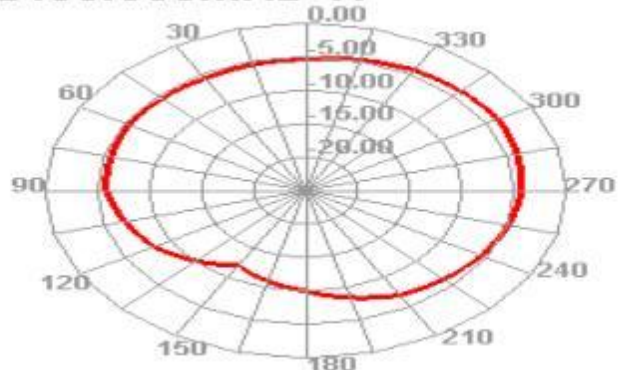
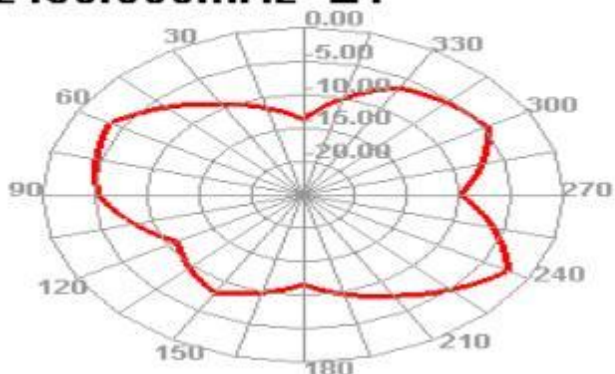
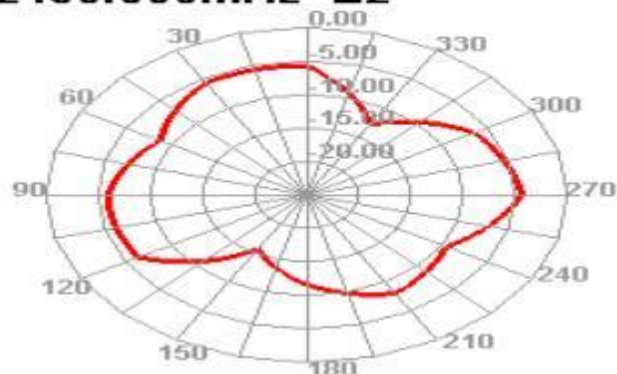
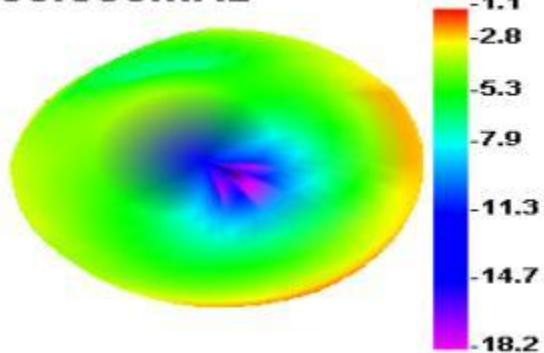
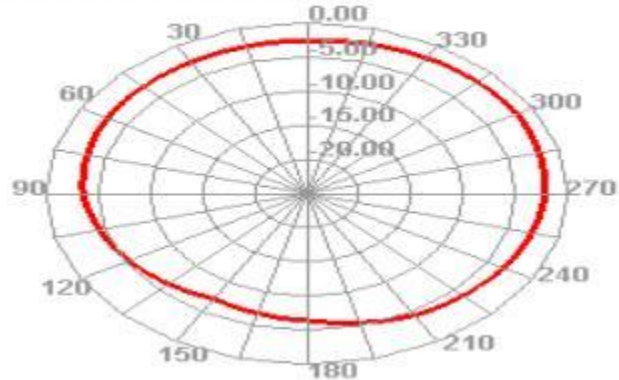
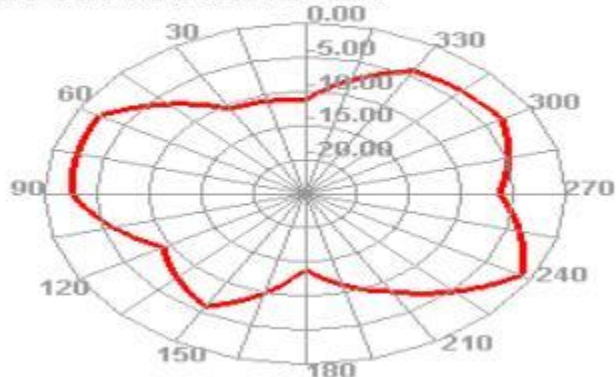
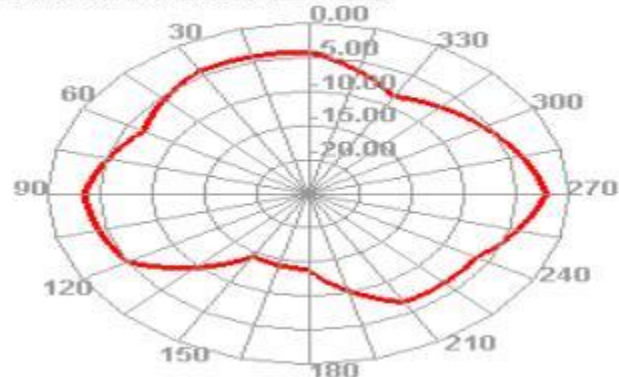
2.4/5.8驻波回损图
2.4/5.8 standing wave return loss diagram



Passive Test For WIFI2.4

Freq (MHz)	Effi (%)	Gain (dBi)
2400	34.98	0.02
2410	31.22	-0.54
2420	27.51	-1
2430	23.62	-1.77
2440	21.56	-2.3
2450	22.97	-2.29
2460	28.55	-1.45
2470	31.69	-1.28
2480	36.05	-0.76
2490	36.8	-0.77
2500	34.36	-1.07

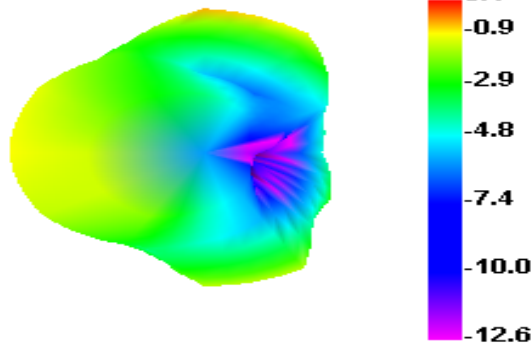


2450.000MHz**2450.000MHz H****2450.000MHz E1****2450.000MHz E2****2500.000MHz****2500.000MHz H****2500.000MHz E1****2500.000MHz E2**

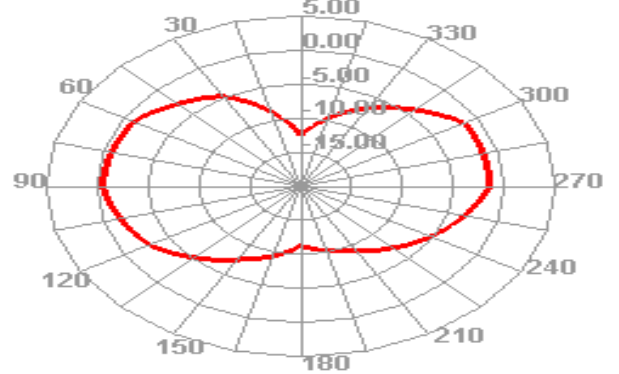
Passive Test For 5g

Freq (MHz)	Effi (%)	Gain (dBi)
5100	47.57	0.35
5136.84	44.67	-0.23
5173.68	37.98	-0.95
5210.53	35.41	-1.15
5247.37	29.35	-1.85
5284.21	40.68	0.13
5321.05	30.64	-0.81
5357.89	37.98	-0.01
5394.74	36.9	0.02
5431.58	30.53	-0.36
5468.42	28.09	-0.96
5505.26	28.47	-0.48
5542.1	25.39	-0.99
5578.95	35.41	0.46
5615.79	45.1	2.09
5652.63	40.92	0.99
5689.47	52.96	1.84
5726.31	52.18	1.64
5763.16	63.1	1.5
5800	58.93	1.3

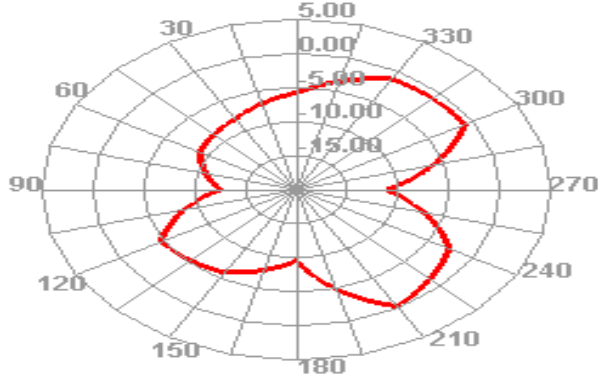
5100.000MHz



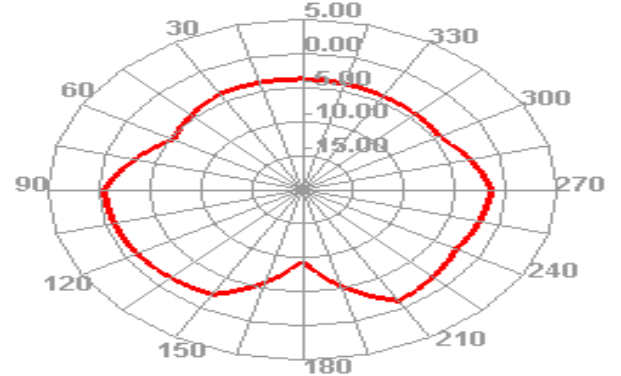
5100.000MHz H



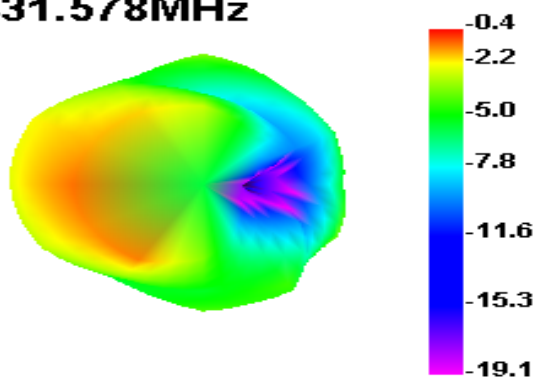
5100.000MHz E1



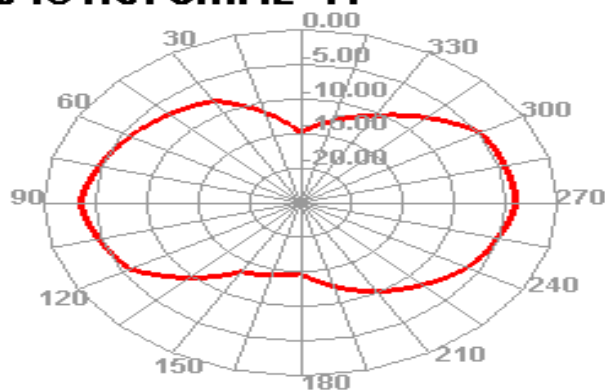
5100.000MHz E2



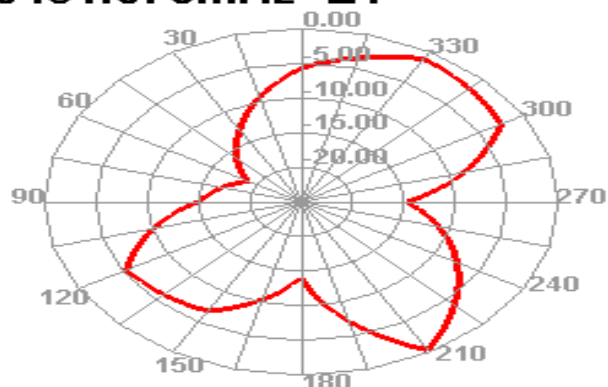
5431.578MHz



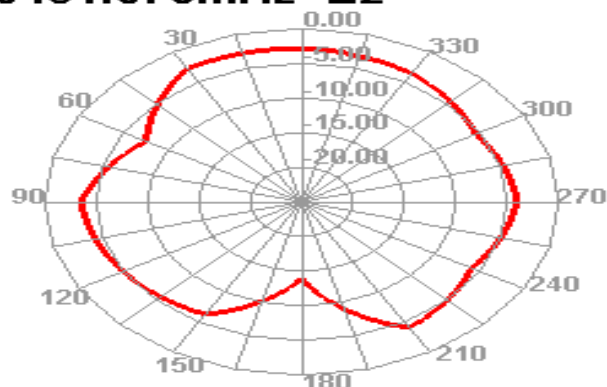
5431.578MHz H



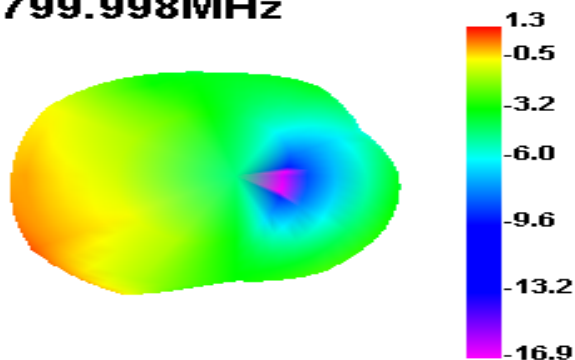
5431.578MHz E1



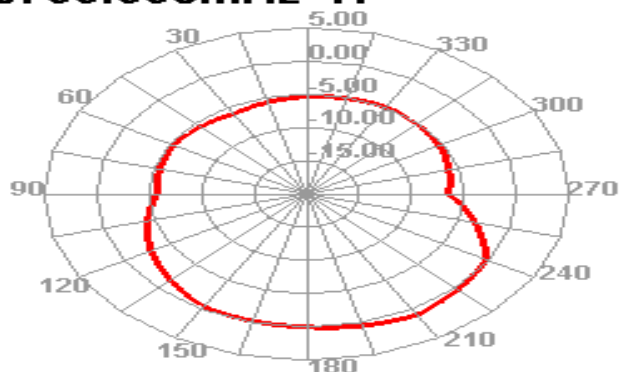
5431.578MHz E2



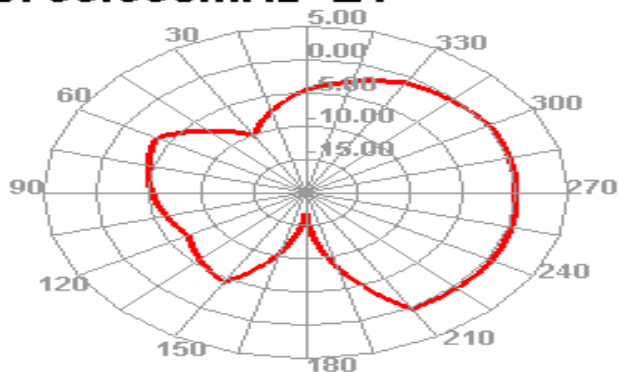
5799.998MHz



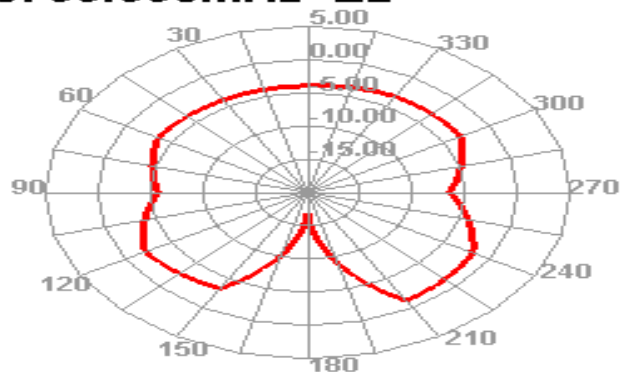
5799.998MHz H



5799.998MHz E1



5799.998MHz E2





As shown: Antenna Location Drawing

3.1 MECHANICAL CONFIGURATION

The antenna appearance conforms to the drawing requirements.

3.2 CONNECTOR TYPE

The connector type is an embedded type.

FIGURE 2:Antenna Configuration

4.0 ENVIRONMENTAL SPECIFICATIONS

Environmental Treatment:

WU

4.1 TEMPERATURE

Operating Temperature Range: -40oC~ +85oC

Storage Temperature Range: -40oC~ +120oC

4.2 SALT SPRAY TEST

Antenna be exposed in a 35°C, 5% salt fog chamber for 24 hours then check the appearance and performance against the specifications in normal temperature.

4.3 STATIC HUMIDITY TEST

The antenna is subjected to the following test:

Temperatures: +70°C and 90%--95%RH

Test Duration: 24 Hours

The antenna should not undergo any structural or functional change and remain within the electrical/mechanical specification.

5.0 PACKAGING

The antennas will be packed in bags, There are 100 or 200 antennas per bag. The bags are packed in corrugated fibreboard over box.

Antenna drawings:

