

深圳市金凌宇通讯技术有限公司

Shenzhen Jinlingyu Communication Technology CO., Ltd

产品承认书

客户名称(CUSTOMER):车视帝电子

品名/规格(Item description/Specification): 2.4G 天线 (Black 黑色-RP-SMAK-ROHS)

供应商料号 (PROVIDER PART No.) :JLY100696

客户料号(CUSTOMER):

日期(DATE): 2023-1-6

出厂签章:

编写(compile)	审核(auditing)	批准(approval)

客户承认签章:

检查(inspect)	审核(auditing)	批准(appoval)

深圳市金凌宇通讯技术有限公司

Shenzhenshi Jinlingyu Communication Technology CO.,Ltd

性能指标（Performance index）

Frequency range 频率范围	2400~2483
Polarization 极化	Linear 线极化
Max Gain（dBi） 增益	5.49
Impedance (Ω) 阻抗	50
Max Power (MW) 最大功率	50
VSWR 驻波比	≤1.8
Efficiency 效率	≥50%

深圳市金凌宇通讯技术有限公司

Shenzhen Jinlingyu Communication Technology CO.,Ltd

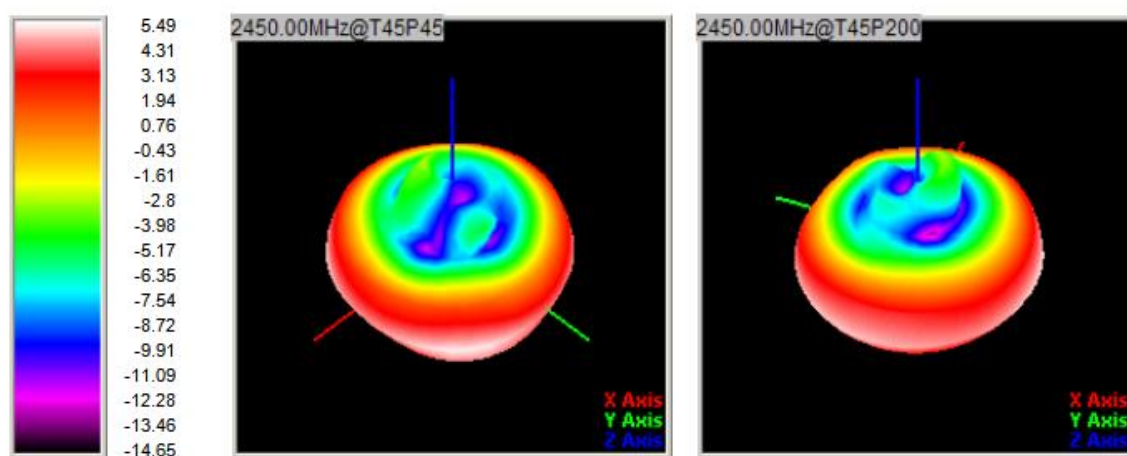
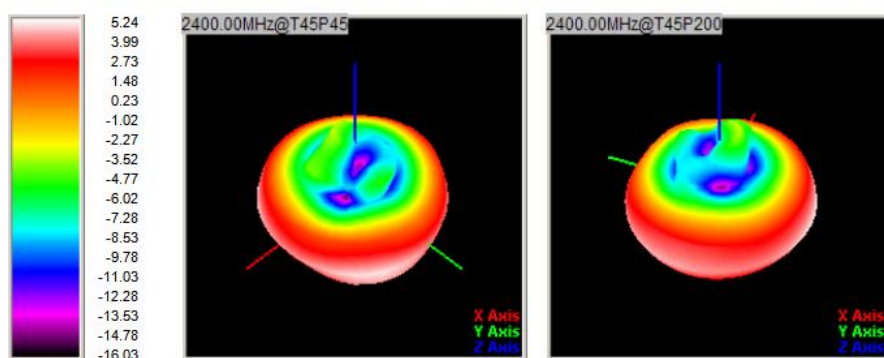
Connector 接口	RP-SMA-K
Height (mm) 天线尺寸	140±1
Material 天线材质	ABS+PE、铜、
Operation Temperature (℃) 工作温度	-40~85
Humidity (%) 湿度	5~95
Cable(mm) 电缆型号尺寸	OD:1.78 Black(黑色)
Installation mode 安装方式	PASTE RP-SMAK-RP-SMAJ

深圳市金凌宇通讯技术有限公司

Shenzhen Jinlingyu Communication Technology CO.,Ltd

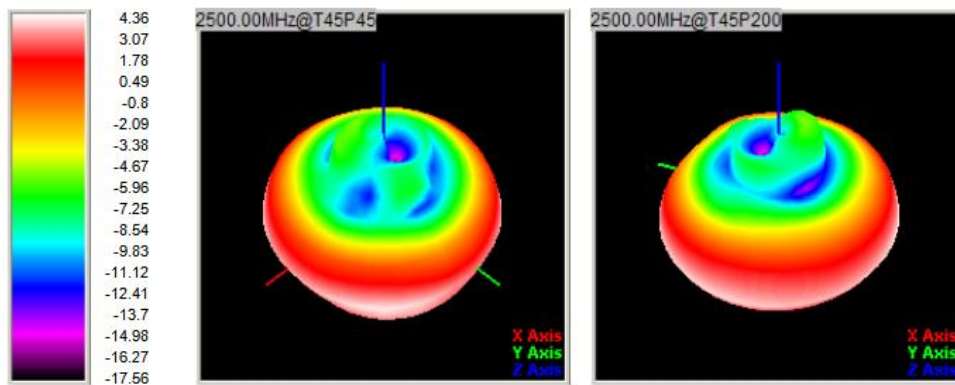
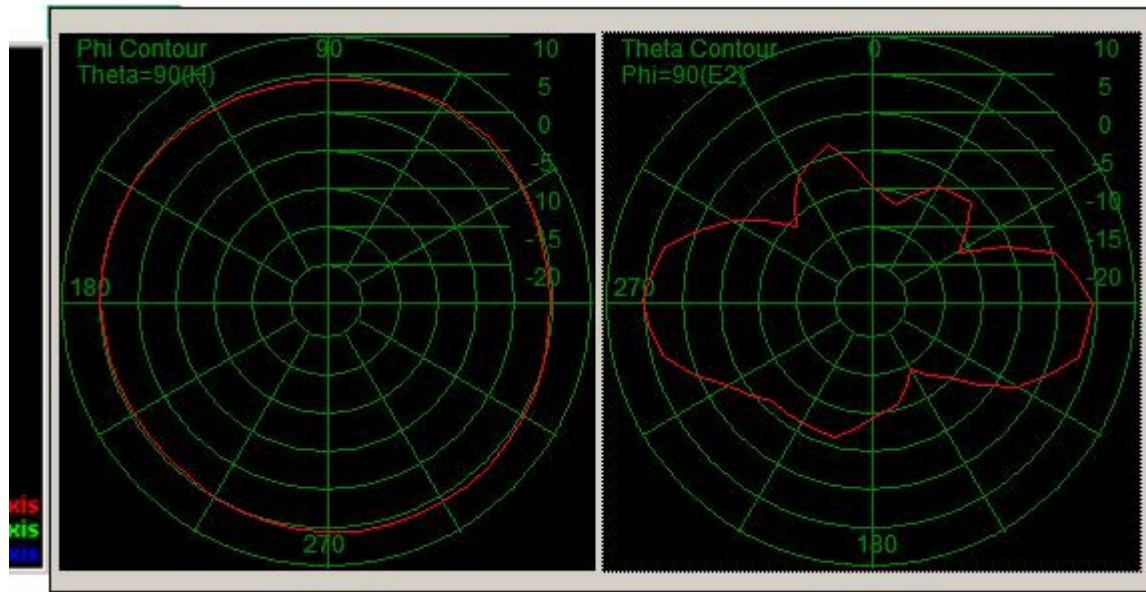
2D/3D Peak Gain 测试图(取其中部分频点, 如果需要其他频点的数据, 请参考单独给与的测试数据表):

FEITUKEJI			
Frequency ID	1	2	3
Frequency (MHz)	2400.0	2450.0	2500.0
Point Values			
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-1.33	-1.14	-1.62
Peak EIRP (dBm)	5.24	5.49	4.36
Directivity (dBi)	6.57	6.64	5.98
Efficiency (dB)	-1.33	-1.14	-1.62
Efficiency (%)	73.60	76.90	68.90
Gain (dBi)	5.24	5.49	4.36
NHPRP $\pm\pi/4$ (dBm)	-0.42	-0.14	-1.39
NHPRP $\pm\pi/6$ (dBm)	-0.67	-0.40	-1.64
NHPRP $\pm\pi/8$ (dBm)	-0.85	-0.60	-1.83
Upper Hem. PRP (dBm)	-4.62	-4.35	-4.91
Lower Hem. PRP (dBm)	-4.09	-3.97	-4.36
Upper Hem. PRP (%)	34.54	36.73	32.26
Lower Hem. PRP (%)	39.02	40.13	36.64



深圳市金凌宇通讯技术有限公司

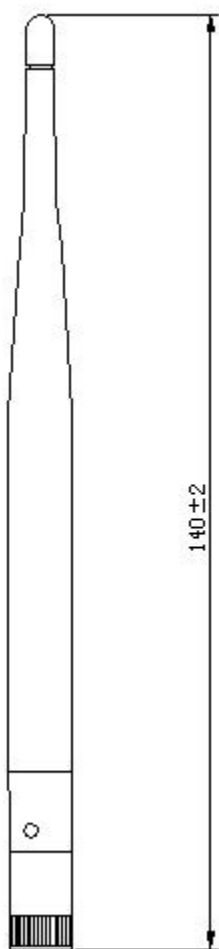
Shenzhen Jinlingyu Communication Technology CO.,Ltd



深圳市金凌宇通讯技术有限公司

Shenzhen Jinlingyu Communication Technology CO., Ltd

产品外形图(Product outline drawing)



Tel:86-755-84560885 Fax:86-755-84560885

Addr:深圳市龙岗区坪地街道四方埔社区四方街 12 号 A3 栋

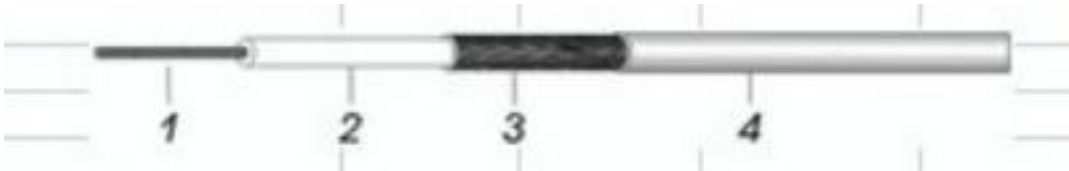
深圳市金凌宇通讯技术有限公司

Shenzhen Jinlingyu Communication Technology CO.,Ltd

附件(enclosrure):

1.线材规格参数

ITEM/项目		Unit	Details/详细说明
Inner Conductor 内导体	Material/材料	-	Silver Plated copper (镀银铜线)
	Composition/构成	No/mm	AWG32or7/0.08±0.008
	Nominal O.D./ 标准外径	mm	0.15
Dielectric Core 绝缘层	Material/材料	-	Extruded FEP
	Nominal O.D./标准外径	mm	0.68±0.05
	Color/颜色	-	Natural (本色)
Outer Conductor 屏蔽层	Material/材料	-	Tin-coated Copper Wire (锡包线)
	Composition/构成	-	AWG44 X 5ends X 8 carriers
	Nominal O.D. /标准外径	mm	16X 4/0.05±0.008
Outer Jacket 外皮	Material/材料	-	Extruded FEP
	Outer diameter/外径	mm	1.13±0.1
	Color/颜色	-	Black (黑色)



Shenzhen Jinyingyu Communication Technology Co., Ltd

PART NO.
20278-...R-...

(11.4)

(3)

$\phi 2.69$

3

(10)

M

L

2.62

Ground contact

Housing

Contact

3.22

1.8

(6.96)

2.4

(4.25)

0.2

Connector end
(notch)

Part No. 20278-101R-08
20278-102R-08
20278-101R-13
20278-102R-13
20278-101R-32
20278-102R-32

For hand tool
(with notch)

3.22

1.8

(6.96)

2.4

(4.25)

0.2

Connector end

Part No. 20278-111R-08
20278-112R-08
20278-111R-13
20278-112R-13
20278-111R-32
20278-112R-32

For seal auto
termination machine
(without notch)

2.62

3

13
IPX

4 ± 0.4

2.1 ± 0.1

Cable Ass'y

Plus
P/N 20278-1...R-08
P/N 20278-1...R-13
P/N 20278-1...R-32

Coaxial cable

4 ± 0.4

2.5 MAX.

Receptacle

Part No. 20279-001E-01
20441-001E-01

MATING

I-PEX		DATE	DESIGN BY	REV.	SHEET	1/1
		DATE	CHK'D BY	REV.	General	
		DATE	APP'D BY	REV.	MP series micro coaxial connector plug vertical (ground contact : gold plating)	
		PROJECTION	CUSTOMER COPY	SCALE UNIT	DWG. No.	20278
		RECORD	REV. RECORD	BY DATE APP	MM	1/1
		SERIES No.	2814			19C

GENERAL TOLERANCE	
6 MAX.	± 0.2
6 OVER MAX. 30	± 0.3
30 OVER MAX. 120	± 0.5
ANGLE	± 2°

FORM REV. 4