

Antenna Specification

Manufacturer: Shenzhen DreamLNK Technology Co.,Ltd.

Address: 602, Block C, Zone A, Huameiju, Xihu Road, Bao 'an District, Shenzhen

Product name: 2400-2500MHz(copper pipe)Antenna

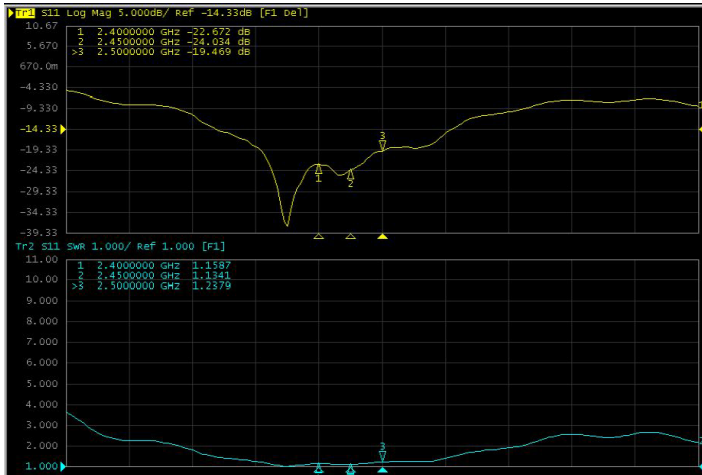
Part No.: F7-2.4G

1. Antenna parameter:

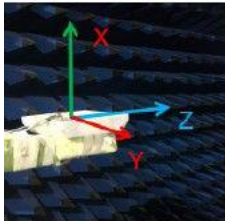
Product parameters			
Name	Copper Pipe antenna	Model Type	F7-2.4G
电性能指标 (Electrical Specifications)			
频率范围 (Frenquency Range)	2400-2500MHz		
输入阻抗(Impedance)	50 Ω	Orientation	Omni
驻波比 (VSWR)	≤1.3	最大功率 (Admitted Power)	1W
增益(Gain)	3dBi±0.5	带宽 (Bandwidth)	135/46MHz
连接方式(Connector Type)	soldering		
机械指标 (Mechanical Specifications)			
尺寸 (Dimensions)	110mm ±5	材料(Materials)	Copper
连接器型号 (Connector)	Soldering	引线长度(Cable Length)	110mm ±5
工作温度 (Working Temperature)	-20℃-+70℃	存放温度 (Limit Temperature)	-40℃-+85℃

2. Antenna construction

3. Antenna characteristics

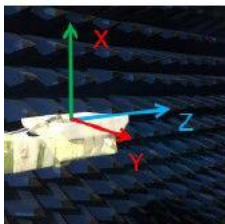
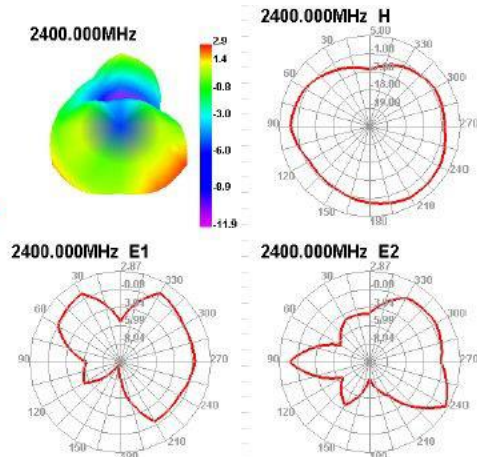


3D Antenna Pattern Report



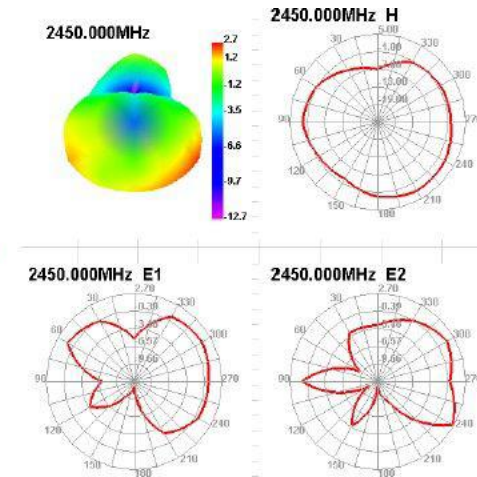
H面: XY
E1面: XZ
E2面: YZ

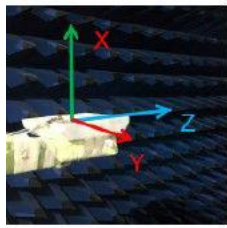
2400 MHz
ANT



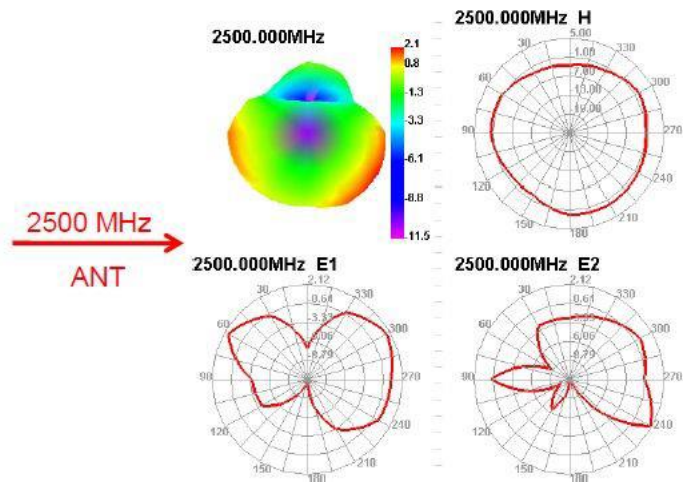
H面: XY
E1面: XZ
E2面: YZ

2450 MHz
ANT





H面: XY
E1面: XZ
E2面: YZ



Frequency (MHz)	ANT	
	Efficiency (%)	Peak Gain (dBi)
2400	78.85	2.87
2410	81.9	3.15
2420	80.32	3.13
2430	78.25	2.98
2440	78.23	2.88
2450	77.33	2.7
2460	76.85	2.53
2470	78.23	2.47
2480	77.21	2.39
2490	77.45	2.37
2500	74.34	2.12