

产品规格书

PRODUCT SPECIFICATION

Customer: ASKA

Customer's part number:

Product description: FPC antenna

2.4G Terminal Antenna

Uni Link's part number:

Issue Date:20140422

Note: 2400-2500MHZ,SMA, ROHS

1,产品技术指标 (PRODUCT TECHNICAL SPECIFICATION)

电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500
频带宽度 Bandwidth (MHz)	100M
输入阻抗 Input Impedence (Ω)	50ohm
电压驻波比 V.S.W.R	<2.0
增益 Gain (dBi)	2.0
极化形式 Polarization Type	线极化
雷电保护 Lightning Protection	NA
功率容量 Power Capacity (w)	1W
机械指标 Mechanical Specifications	
天线长度 Antenna Length (mm)	14.5
辐射体 Radiator	FPC
连接器型号 Connect Type	NA
储藏温度 Storage Temperature($^{\circ}$ C)	-40 $^{\circ}$ C~60 $^{\circ}$ C

产品简介 该天线是专为无线耳机设计生产的，天线具有外形美观，结构小巧，安装方便的优点。The antenna is specially designed for the production of wireless earphones. The antenna has the advantages of beautiful appearance, small structure and easy installation.

Frequency (MHz)	Gain (dBi)
2400MHz	1.92dBi
2450MHz	2.01dBi
2500MHz	1.95dBi

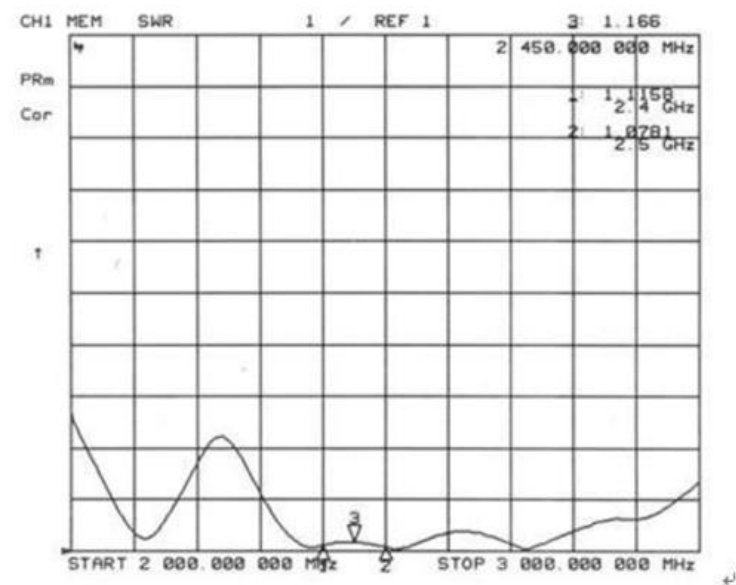
2、产品图片 (PRODUCT PICTURE)

see internal photo

3、产品规格图(PRODUCT SPECIFICATION CHART)

see internal photo

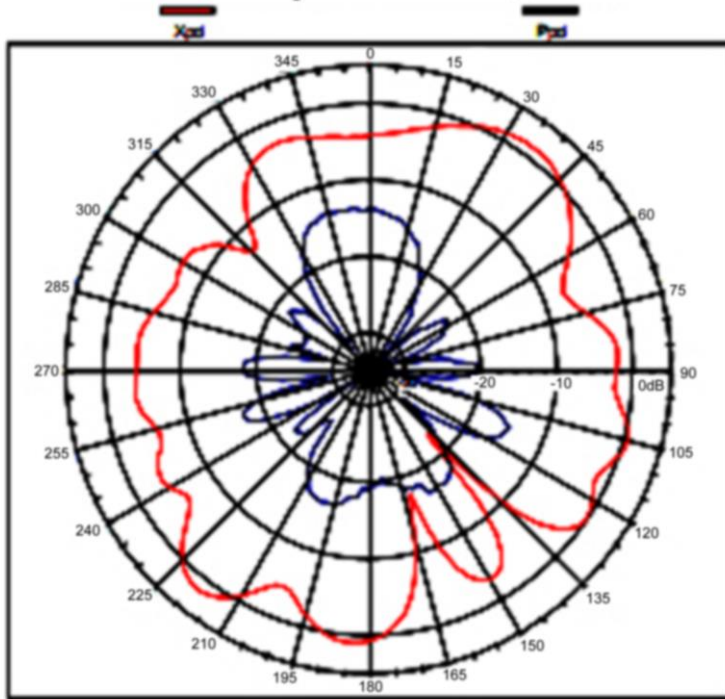
4、驻波图 (STATIONARY WAVE PATTERN)



5、天线增益 (Gain)

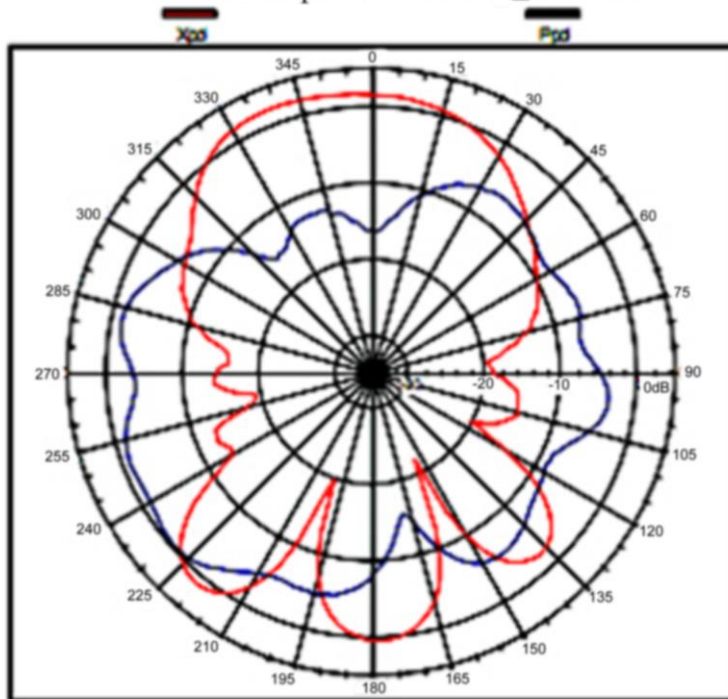
XY

Far-field amplitude of P2 E1_2.4G.nsi



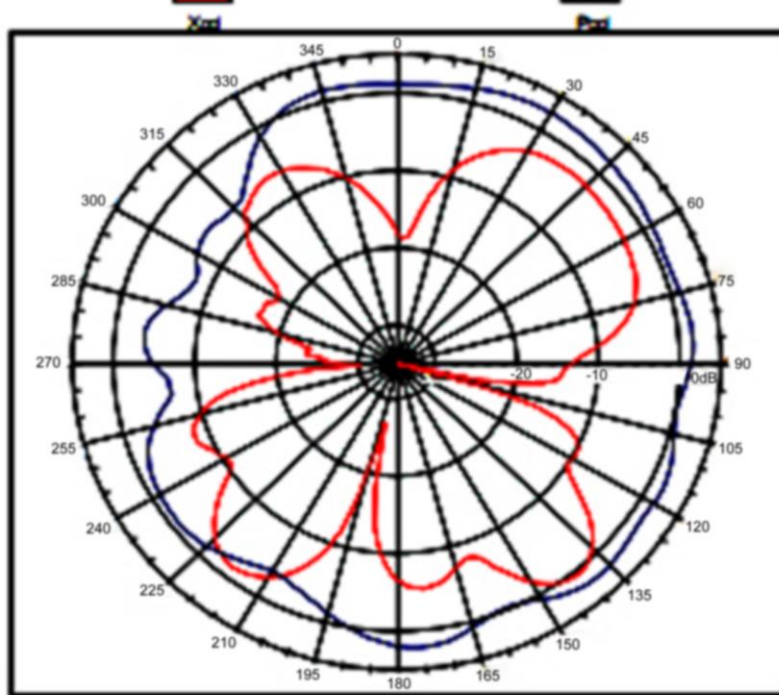
XZ

Far-field amplitude of P2 H_2.4G.nsi



YZ

Far-field amplitude of P2 E_2.1G.nsi



Source signal: Linearly polarized signal $f_0=2450\text{MHz}$