

深圳市亿圣邦科技有限公司
 样品承认书

SPECIFICATION FOR APPROVAL

公司名称: 深圳市美芯视讯科技有限公司
 物料代码:
 规格型号:
 承认日期:
 供应商名称: 深圳市亿圣邦科技有限公司
 供应商规格型号: WIFI:SLK-MXSX-2516R1-L-115-B

承 认 签 章					
供 应 商 承 认			深圳市美芯视讯科技有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
刘才亮	黄 震	林美财			
盖章签署			盖章签署		
日 期	2025-4-14		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写) :					

供应商名称: 深圳市亿圣邦科技有限公司
 供应商地址: 深圳市宝安区深圳硬科技产业园 C 栋 101
 电 话: 18025305599 电 话: 18666299104

WIFI Antenna (2516R1)

1. Explanation of Product number :

S L K - M X S X - 2 5 1 6 R 1 - L - 1 1 5 - B

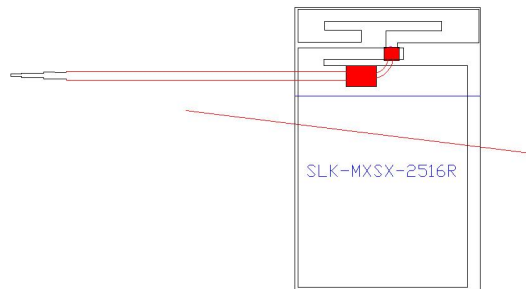
1

2

3

4

5



Product Code:

(1) Customer:

MXSX:美芯视讯

(2) Project:

2516R1: SLK-MXSX-2516R1(WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

115: 115*1.13MM线

(5)Cable Color

B: Black

2. Features

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

3. Applications

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

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 a/b/g/n) 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

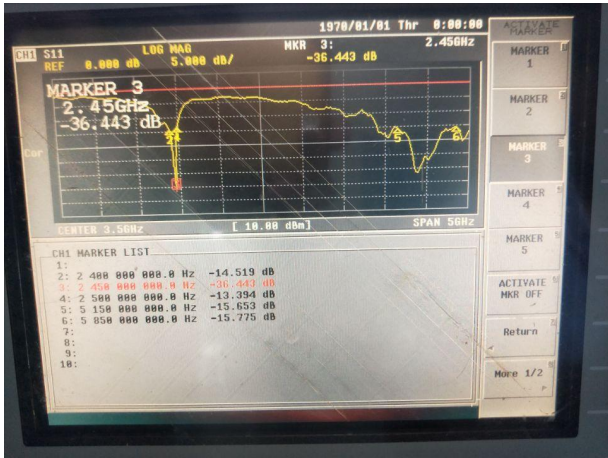
Characteristics	Specifications	Unit
Outline Dimensions	25.4x16.71x 0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2.

VSWR



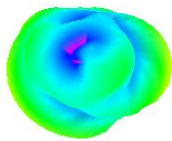
S11



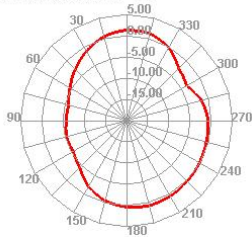
5-3.WIFI MAIN Antenna Gain/Efficiency/3DDATA

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	45.11	-3.46	2.02
2410	49.69	-3.04	2.72
2420	45.04	-3.46	1.95
2430	47.1	-3.27	3.18
2440	45.68	-3.4	3.04
2450	54.2	-2.66	3.8
2460	52.32	-2.81	3.72
2470	55.01	-2.6	3.59
2480	51.94	-2.85	3.2
2490	51.94	-2.84	3.04
2500	49.42	-3.06	2.69

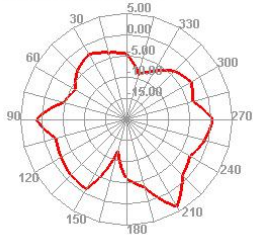
2450.000MHz



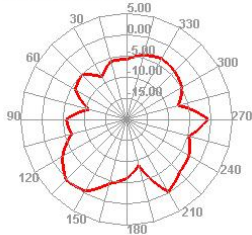
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



6. Antenna Dimensions (unit: mm)

