

# WIFI Antenna (2520F)

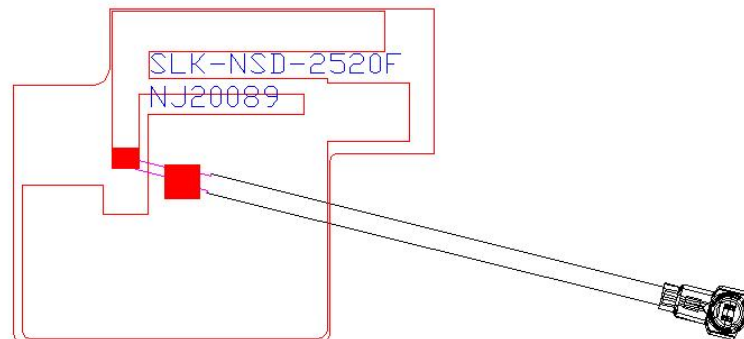
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## 1. Explanation of Product number :

**S L K - N S D - 2 5 2 0 F - R - 1 2 0 I V - G**

**1                    2                    3                    4                    5**



## 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 (802.11a/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

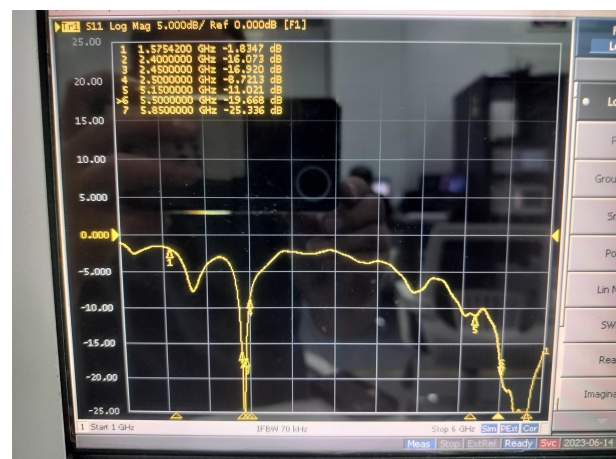
Characteristics	Specifications	Unit
Outline Dimensions	25.43x20.09x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.850	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

#### 5-2.

VSWR

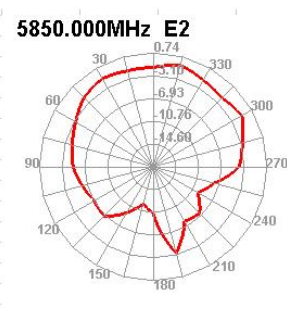
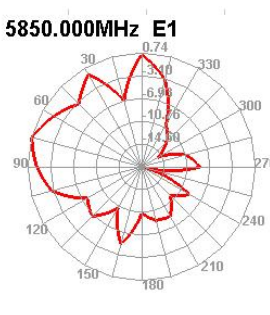
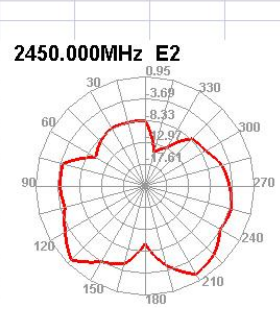
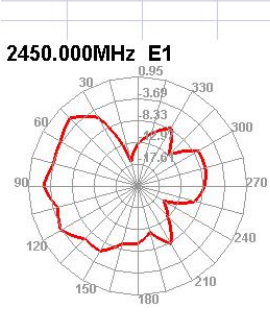
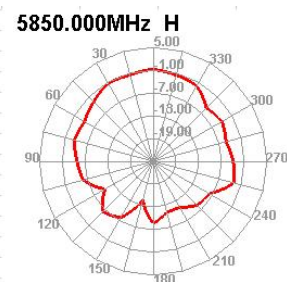
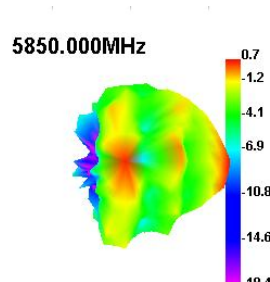
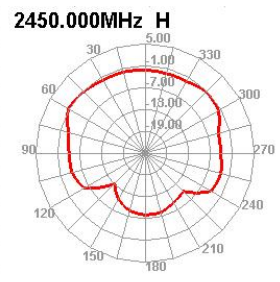
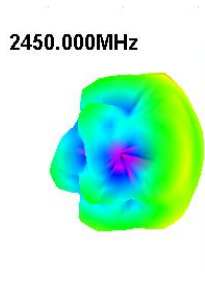


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### 5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	34.07	-4.68	1.4
2410	37.45	-4.27	1.02
2420	36.97	-4.32	1.21
2430	36.95	-4.32	1.36
2440	35.23	-4.53	1.18
2450	34.72	-4.59	0.95
2460	36.36	-4.39	1.1
2470	36.37	-4.39	0.98
2480	37.69	-4.24	1.11
2490	38.57	-4.14	1.29
2500	40.52	-3.92	1.42
5150	33.51	-4.75	2.1
5350	33.24	-4.78	0.53
5550	34.39	-4.64	0.69
5750	36.67	-4.36	1.12
5850	34.11	-4.67	0.74



## 6. Antenna Dimensions (unit: mm)

