

Product Number: AN2400-150MHFIPEX

Product Name: 2.4GHz FPC ANT

Shenzhen Goldgood Instrument Limited
Huafeng High-tech Industrial Park Nanhuan Road, Bao'an District Shenzhen,
Guangdong, China

Index:

1. Specification

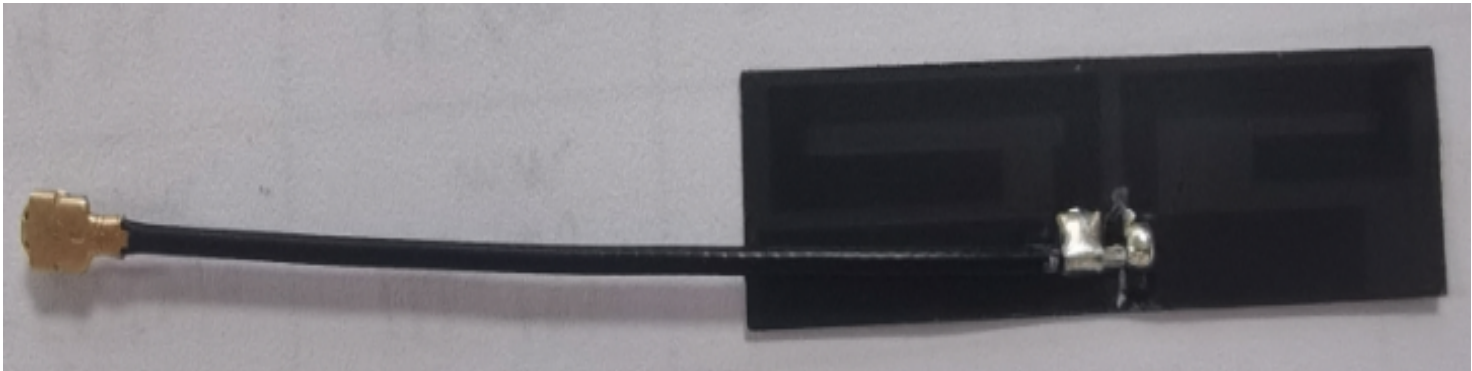
2. Characteristics and Reliability Test

3. Antenna - S Parameter Test Data

1. Specification

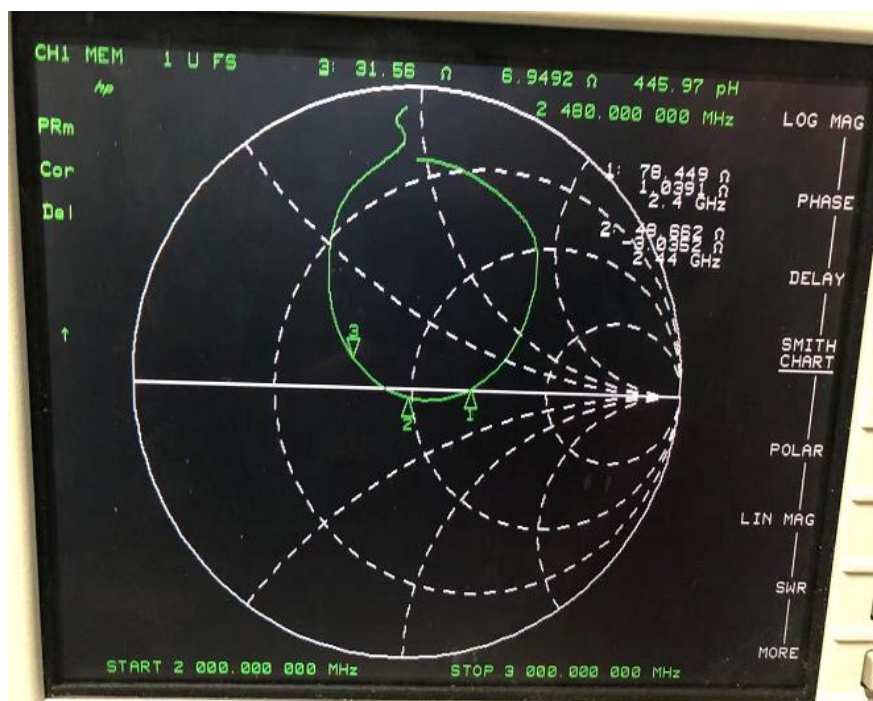
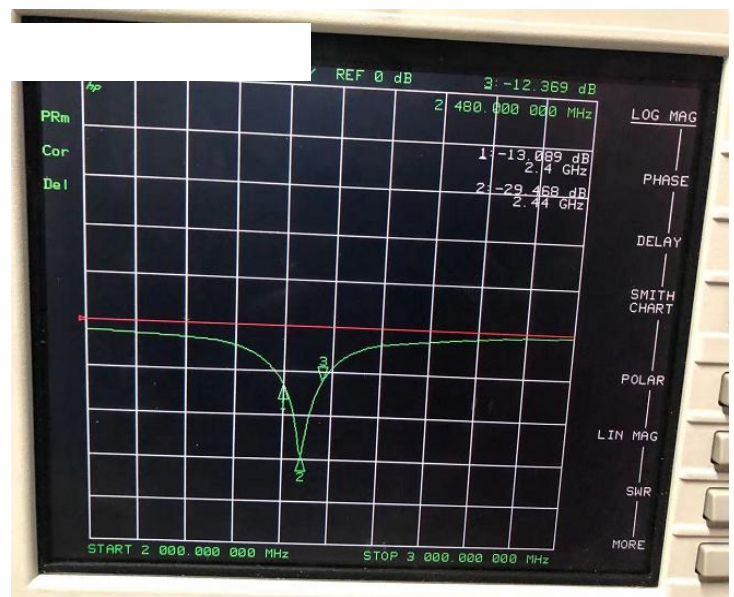
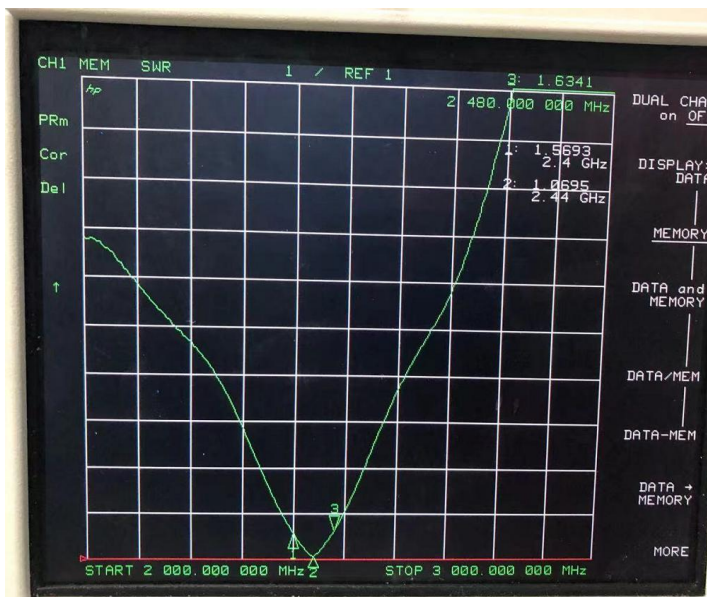
Product Number: AN2400-150MHFIPEX

Product Name: 2.4GHz FPC ANT



A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R.	<= 2.0
Antenna Gain	1.5dBi ±0.7
Polarization	Linear
Impedance	50 Ohm

2. Characteristics and Reliability Test

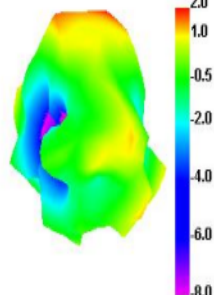


Product Number: AN2400-150MHFIPEX

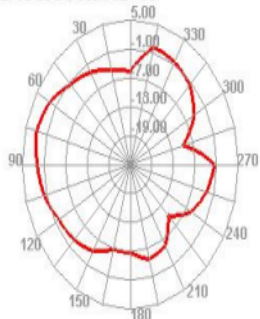
Product Name: 2.4GHz FPC ANT

3. Antenna - S Parameter Test Data

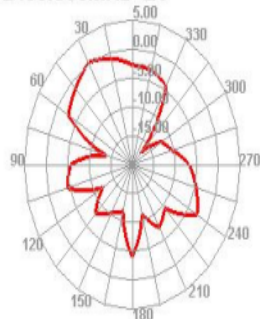
2400.000MHz



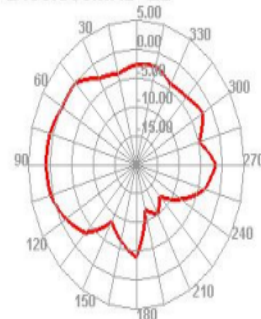
2400.000MHz H



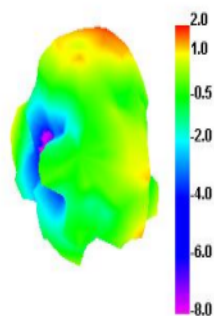
2400.000MHz E1



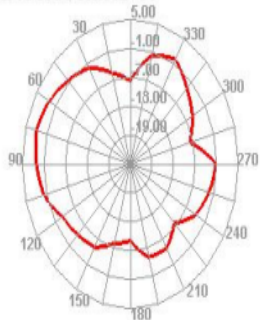
2400.000MHz E2



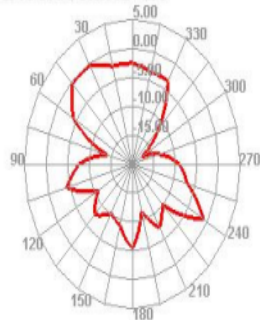
2450.000MHz



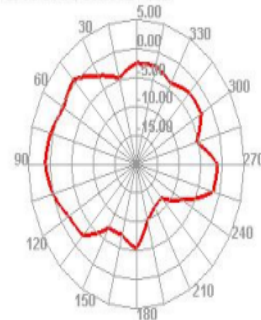
2450.000MHz H



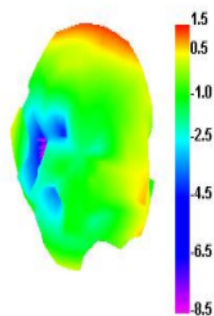
2450.000MHz E1



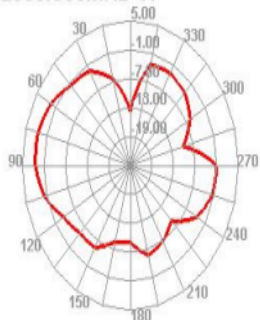
2450.000MHz E2



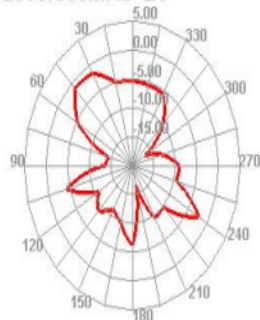
2500.000MHz



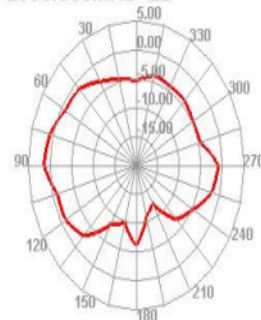
2500.000MHz H



2500.000MHz E1

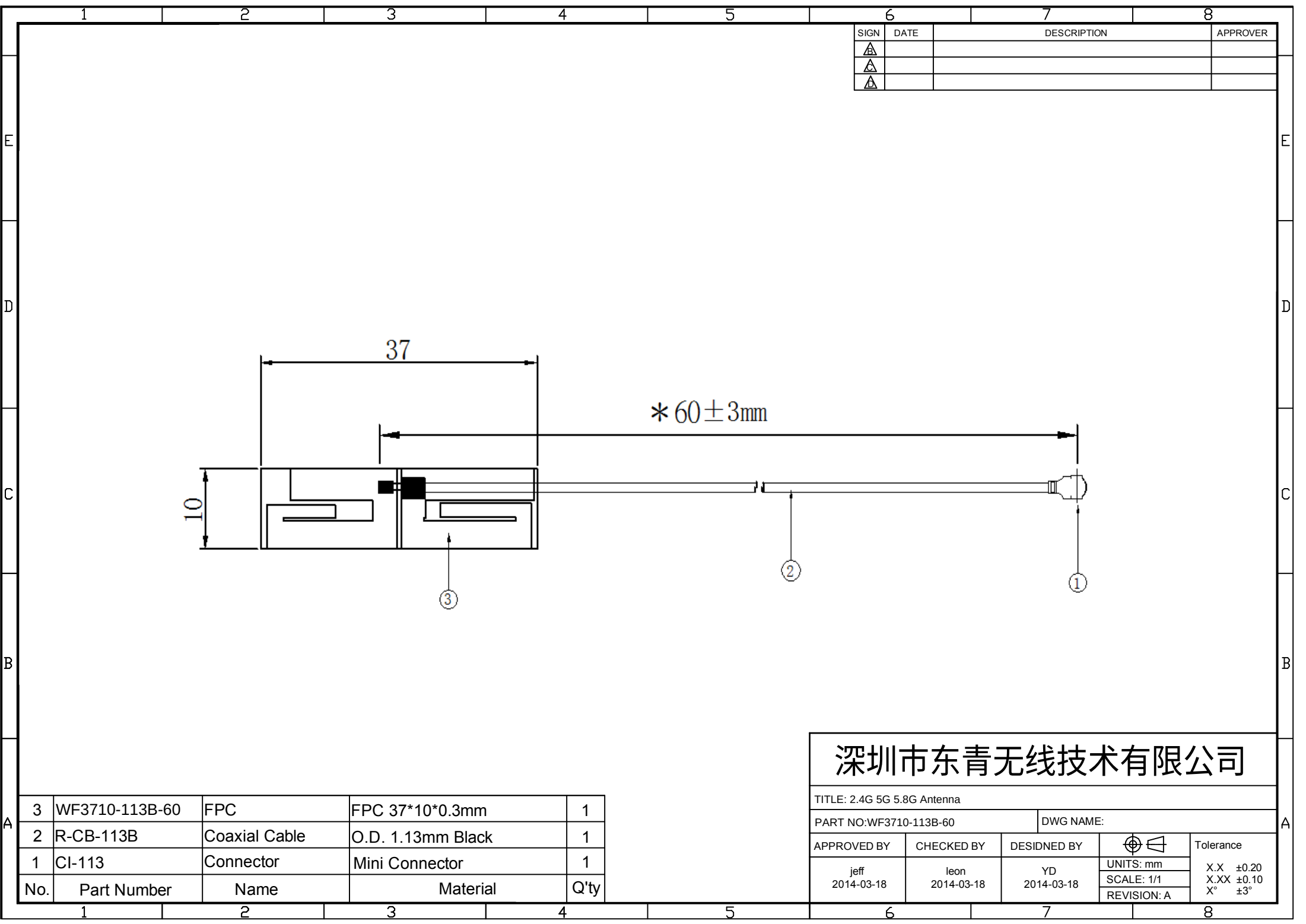


2500.000MHz E2



Product Number: AN2400-150MHFIPEX
Product Name: 2.4GHz FPC ANT

Passive Test For 2.4G		
Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	49.66	1.96
2410	48.72	1.86
2420	50.74	1.95
2430	50.42	1.9
2440	48.18	1.77
2450	51.76	1.99
2460	51.39	2.01
2470	48.29	1.75
2480	51.1	1.93
2490	47.22	1.5
2500	47.85	1.53



SIGN	DATE	DESCRIPTION	APPROVER

3	WF3710-113B-60	FPC	FPC 37*10*0.3mm	1
2	R-CB-113B	Coaxial Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1
No.	Part Number	Name	Material	Q'ty

深圳市东青无线技术有限公司				
TITLE: 2.4G 5G 5.8G Antenna				
PART NO:WF3710-113B-60			DWG NAME:	
APPROVED BY	CHECKED BY	DESIDNED BY		Tolerance
jeff 2014-03-18	leon 2014-03-18	YD 2014-03-18	UNITS: mm	X.X ±0.20
			SCALE: 1/1	X.XX ±0.10
			REVISION: A	X° ±3°