

FTA1101 Wi-Fi Antenna

Manufacturer: Flyingvoice Network Technology Co., Ltd.

Address of 1804, Building 1, Chongwen Park, Nanshan Zhiyuan, Nanshan

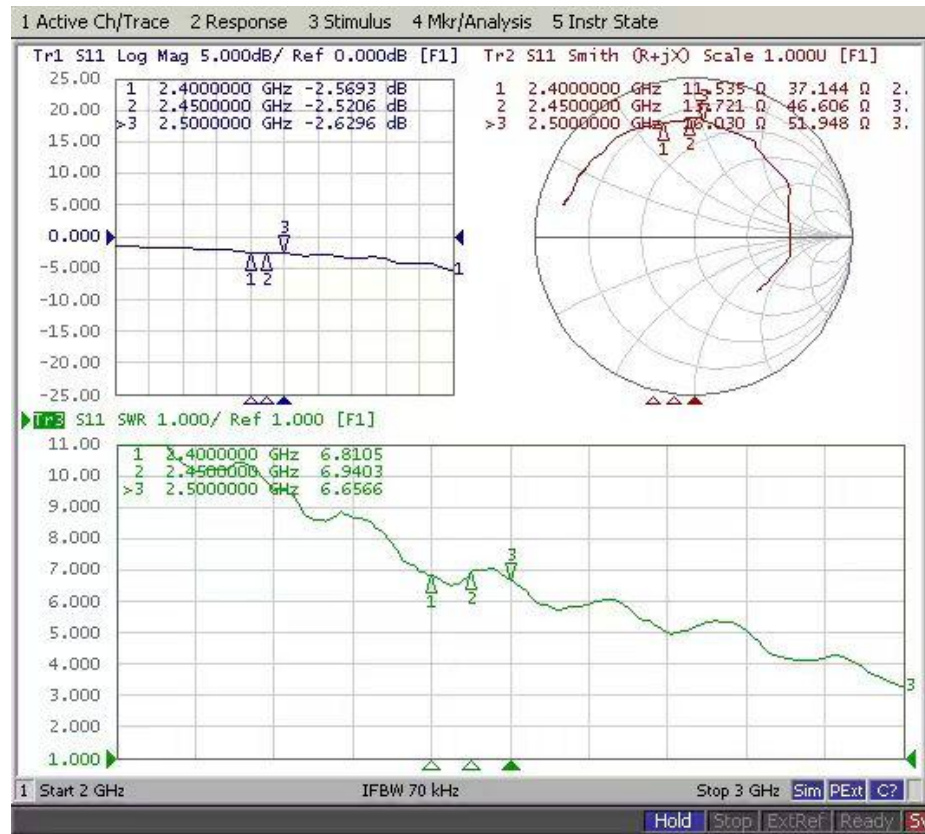
Manufacturer: District, Shenzhen, China

1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	<u>FTA1101 2.4G WiFi</u> <u>Onboard PCB Antenna</u>		
2	Brand	<u>FLYINGVOICE</u>		
3	Operation Frequency	2400 – 2480 MHz		
4	Connector Type	PCB Feed		
5	Impedance	50 Ω		
6	Gain	-3.5dBi		
7	Efficiency	$\leq 21\%$		
8	VSWR	$\leq 2.0:1$		
9	Polarization type	Linear		
10	3dB Beamwidth	H68° V64°		
11	Weight	1.0g		

1.2 Gain & Efficiency

ANT WiFi0:



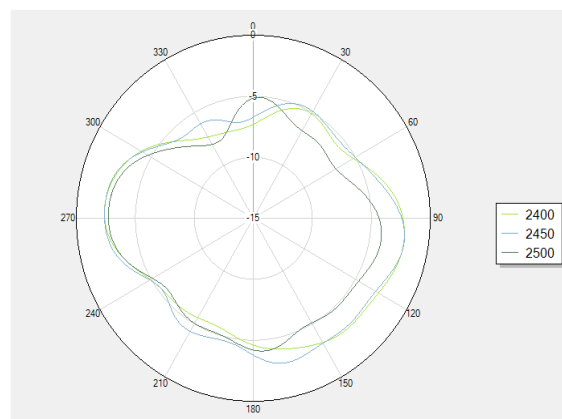
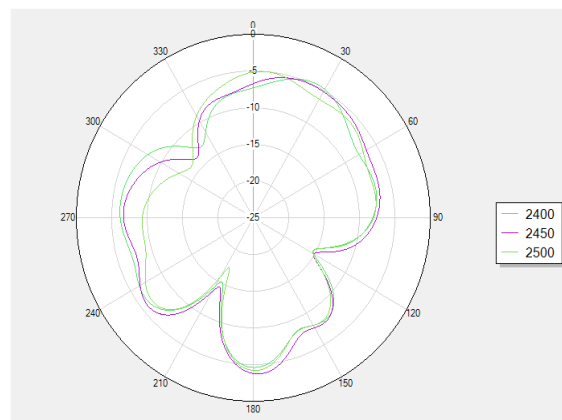
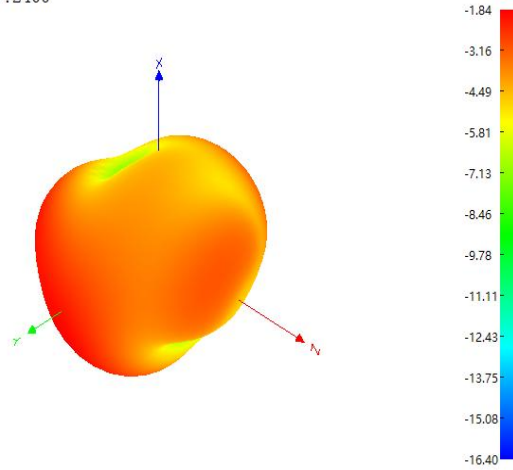
ANT_WIFI1			
Frequency/Mhz	Efficiency / dB	Efficiency / %	MaxGain/dBi
2400	18.16	18.16	-4.4
2410	17.95	17.95	-4.19
2420	17.7	17.7	-4.31
2430	18.16	18.16	-4.15
2440	16.41	16.41	-4.57
2450	18.11	18.11	-4.34
2460	19.28	19.28	-4.04
2470	21.88	21.88	-3.5
2480	20.51	20.51	-3.97
2490	20.89	20.89	-3.77
2500	17.58	17.58	-4.69

1.3 radiation pattern

ANT WiFi0:

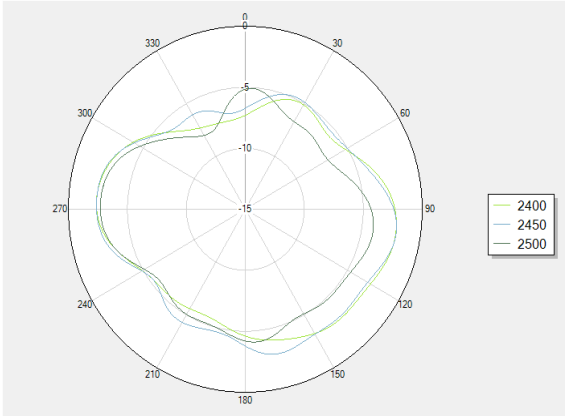
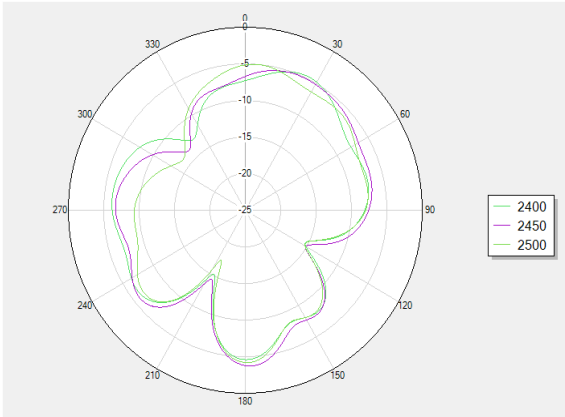
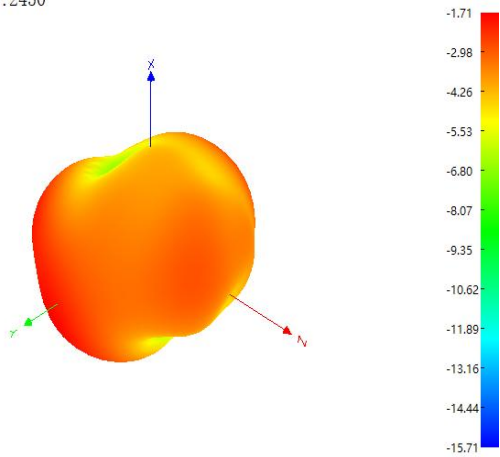
2400MHz 方向图:

Frequency (MHz) : 2400



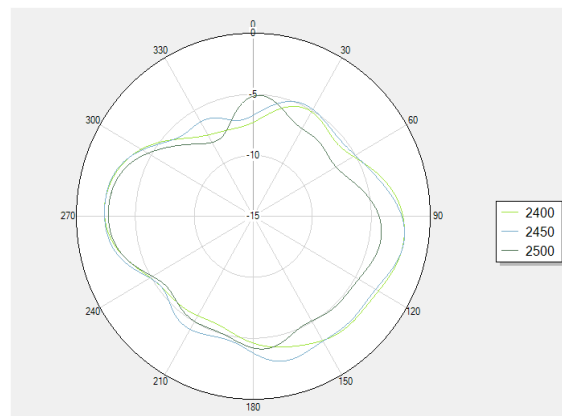
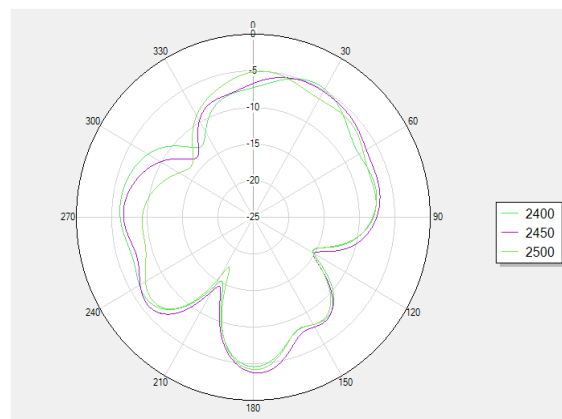
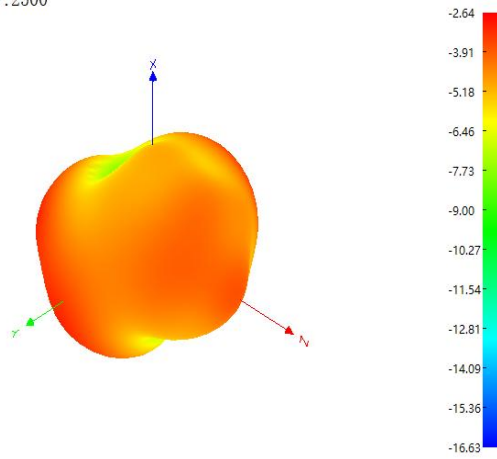
2450MHz 方向图:

Frequency (MHz) : 2450



2500MHz 方向图:

Frequency (MHz) : 2500



1.4 Structure drawing

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