

DF03-003 Antenna Datasheet

Revision history

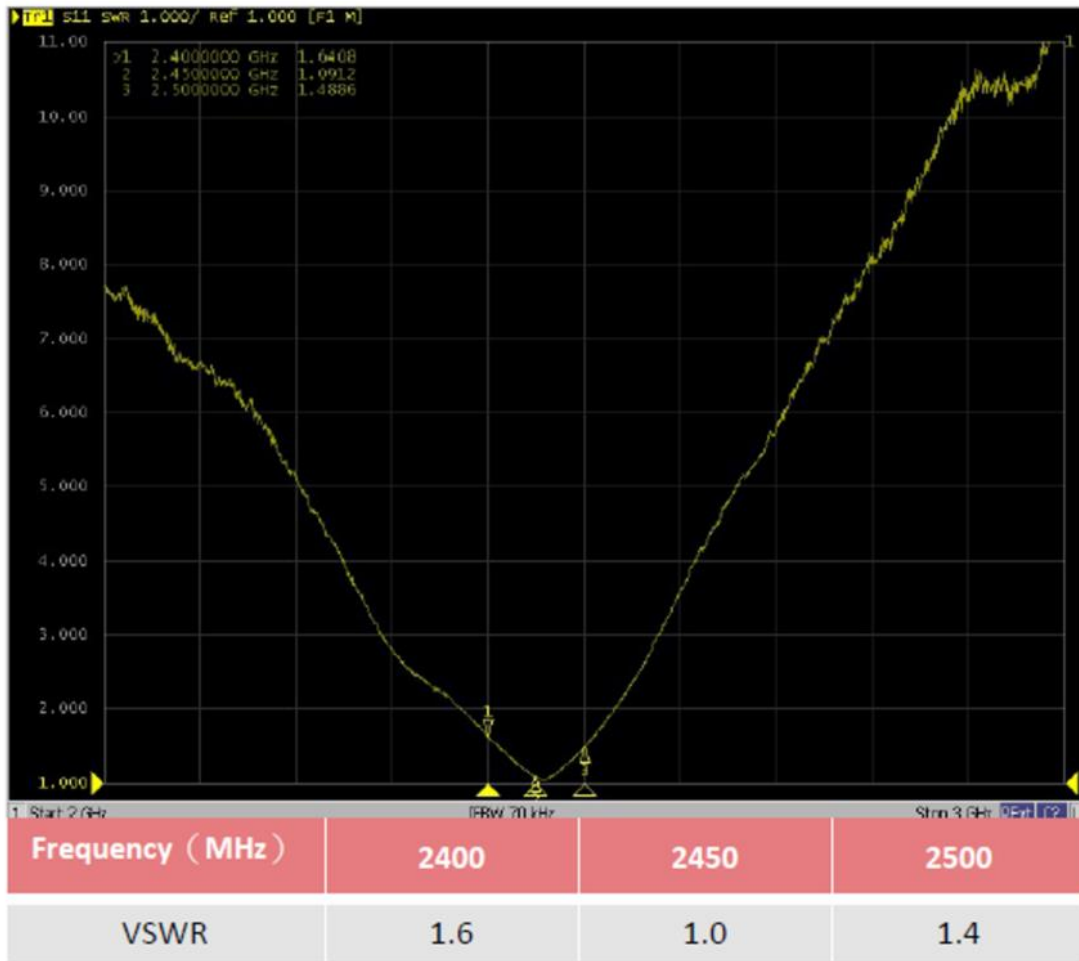
Version	Change notes	Modifier	Date
V1.0		Josh.hu	2023.9.25

Antenna Datasheet

1、 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	DF101 Antenna	Only sale for DJI
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz;	
4	Connector Type	NA	
5	Impedance	50ohm	
6	Gain	1.04 dBi@2.4~2.483GHz	
7	Efficiency	$\geq 45\%$	
8	VSWR	≤ 2	
9	Polarization type	Linear	
10	3dB Beam width	Omnidirectional horizon	
11	Weight	/	
12	Antenna type	FPC	
13	Manufacturer	Shenzhen ZTX Communication Technology Co., LTD. No. 34, Shilong Avenue, Shiyan Street, Baoan, Shenzhen	

2、 Antenna return loss



3、 Antenna Gain

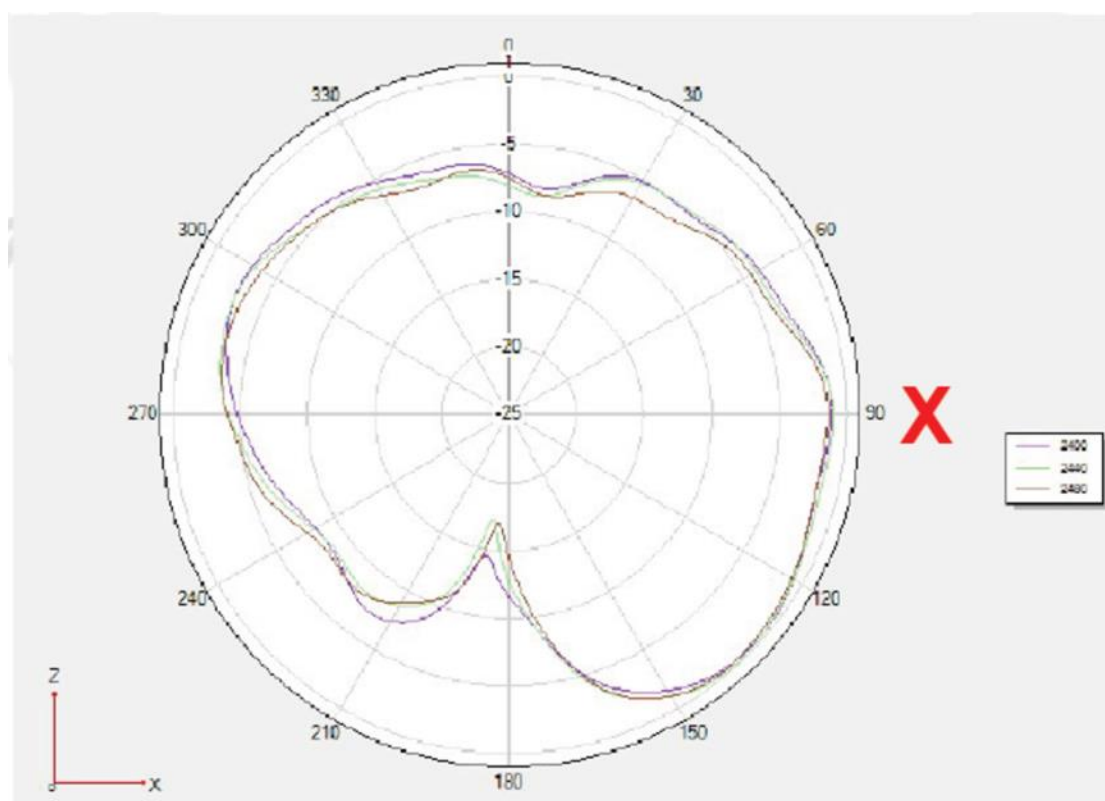
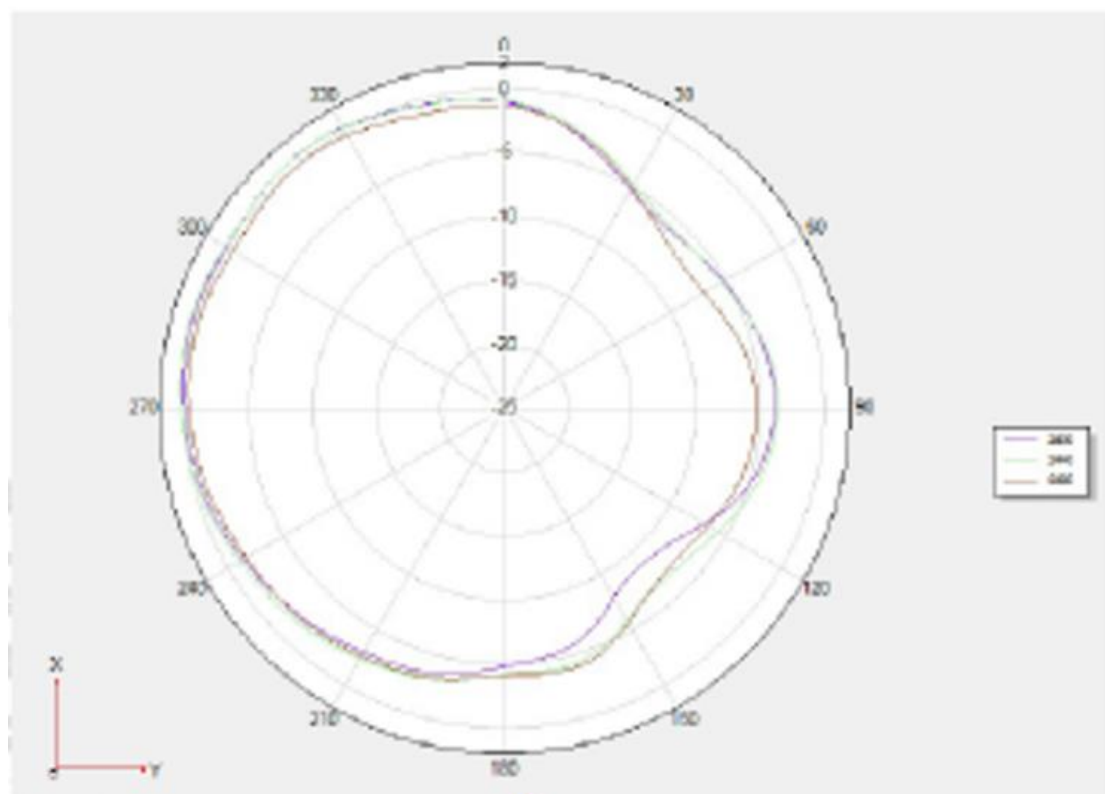
ANT		
Frequency	Efficiency	Gain(dBi)
2400MHz	44.77%	0.8
2410MHz	47.21%	0.56
2420MHz	48.31%	1.04
2450MHz	49.67%	1.03
2470MHz	47.81%	0.96
2480MHz	47.75%	0.34
2483MHz	44.95%	0.58

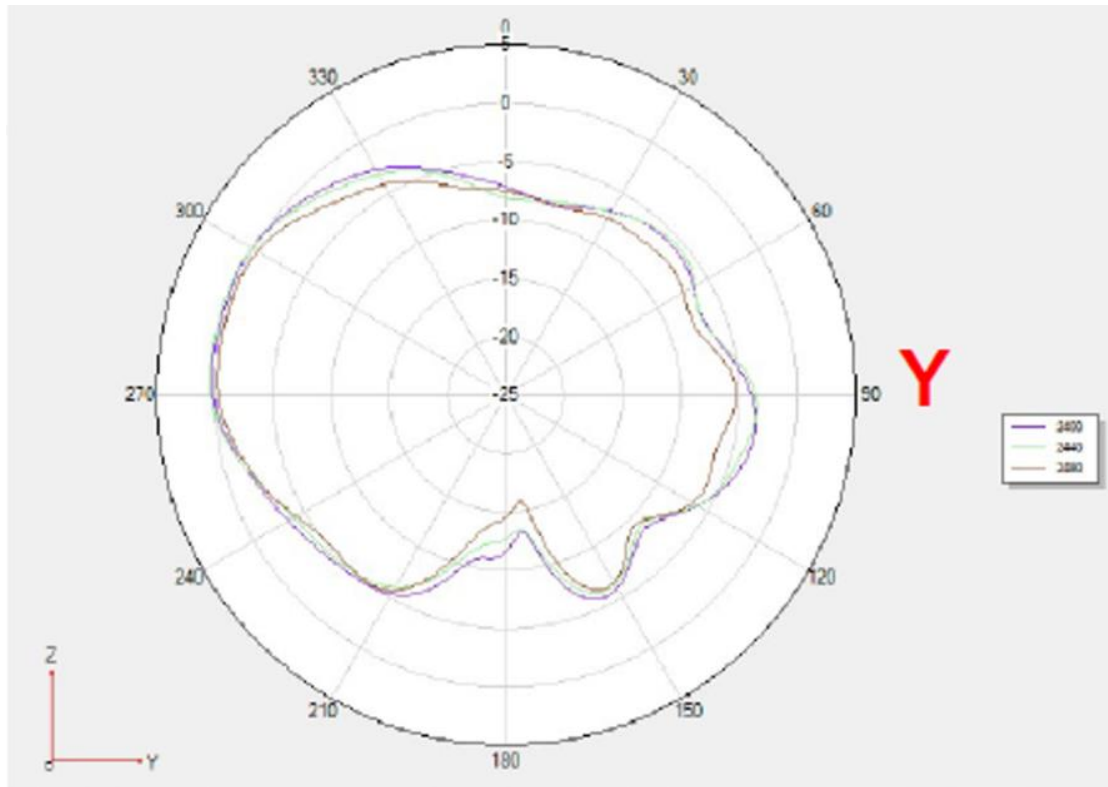
4、 Radiation Pattern

4.1 Antenna 2.4G radiation pattern

XY-H-plane

X





5、 Structure drawing

