

DJI Antenna Datasheet
AD01A Bluetooth ANTENNA
2024-3-28



Revision history

Version	Change notes	Modifier	Date
V1.0	First draft.	Freeman.deng	2024.3.28

DJI Antenna Datasheet

Manufacture:

Taiwan Inpaq electronic Co., Ltd.

No. 90, Keyi Street, 11 Gongyi Lane, Zhunan Town, Miaoli County, Taiwan

1、 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	AD01A BT Antenna		
2	Brand	DJI		
3	Operation Frequency	BT: 2.400~2.485GHz; ANT+: 2.457GHz		
4	Connector Type	None		
5	Impedance	50ohm		
6	Gain	0dBi@2.4~2.483GHz		
7	Efficiency	≥20%		
8	VSWR	≤3		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional		
11	Weight			
12	Antenna type	Internal FPC PIFA antenna		
13	Manufacturer	DJI		



2、 BT Antenna

Radiation Pattern

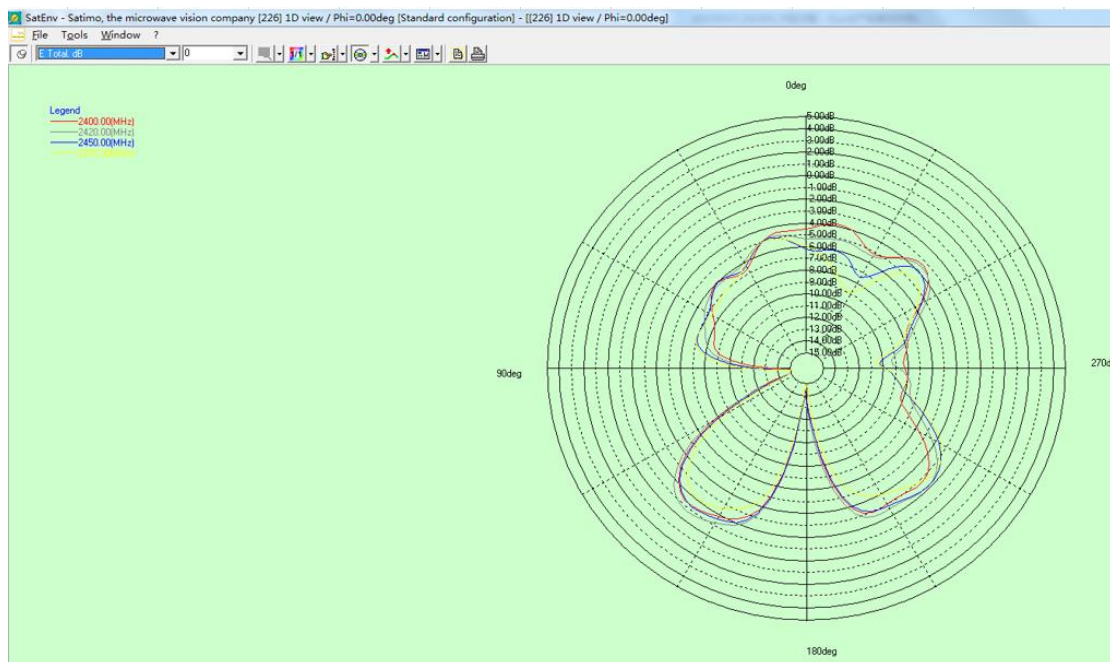
Test lab: Satimo SG24

Test date:20240312

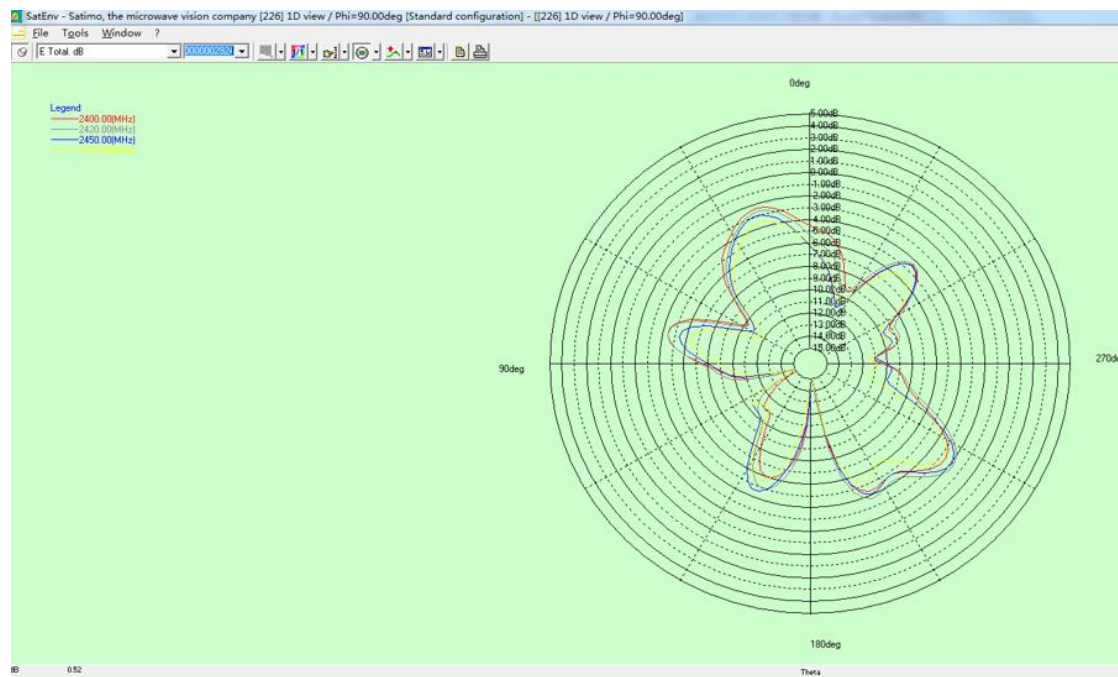


调整后			效率%
2400	-7.75	0.4	21.78
2410	-7.88	0.19	21.28
2420	-8	-0.15	20.84
2430	-8.12	-0.62	20.43
2440	-8.18	-1.1	20.2
2450	-8.23	-1.66	20.02
2460	-8.27	-2.2	20.91
2470	-8.13	-2.62	20.38
2480	-7.9	-2.18	21.23
2490	-7.59	-1.5	22.41
2500	-7.37	-1.02	23.33

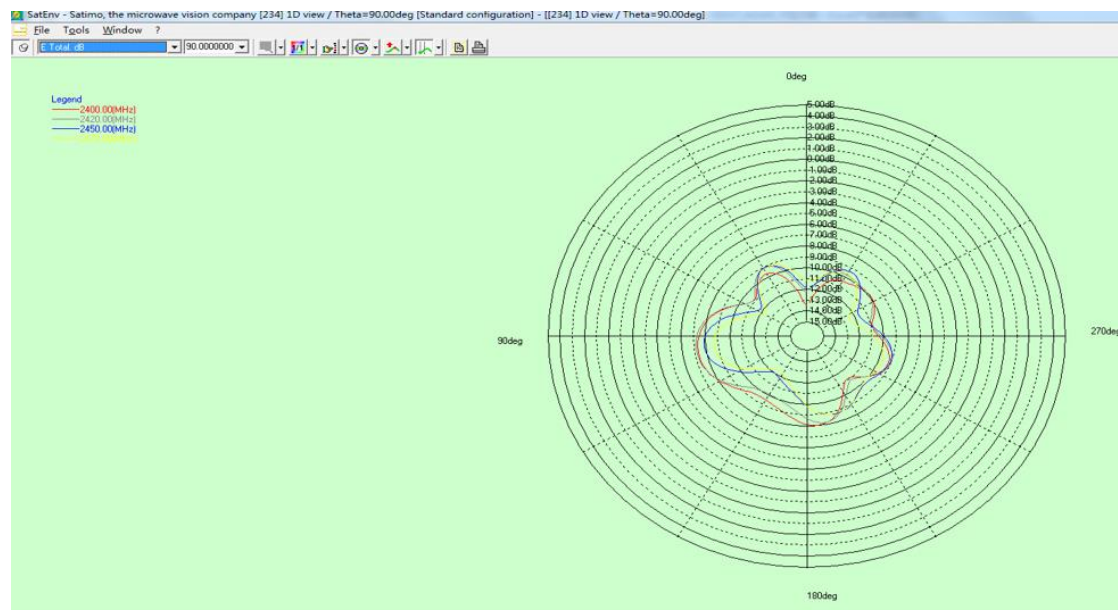
Phi = 0



Phi = 90



Theta = 90



Structure drawing

