

OM307 Antenna

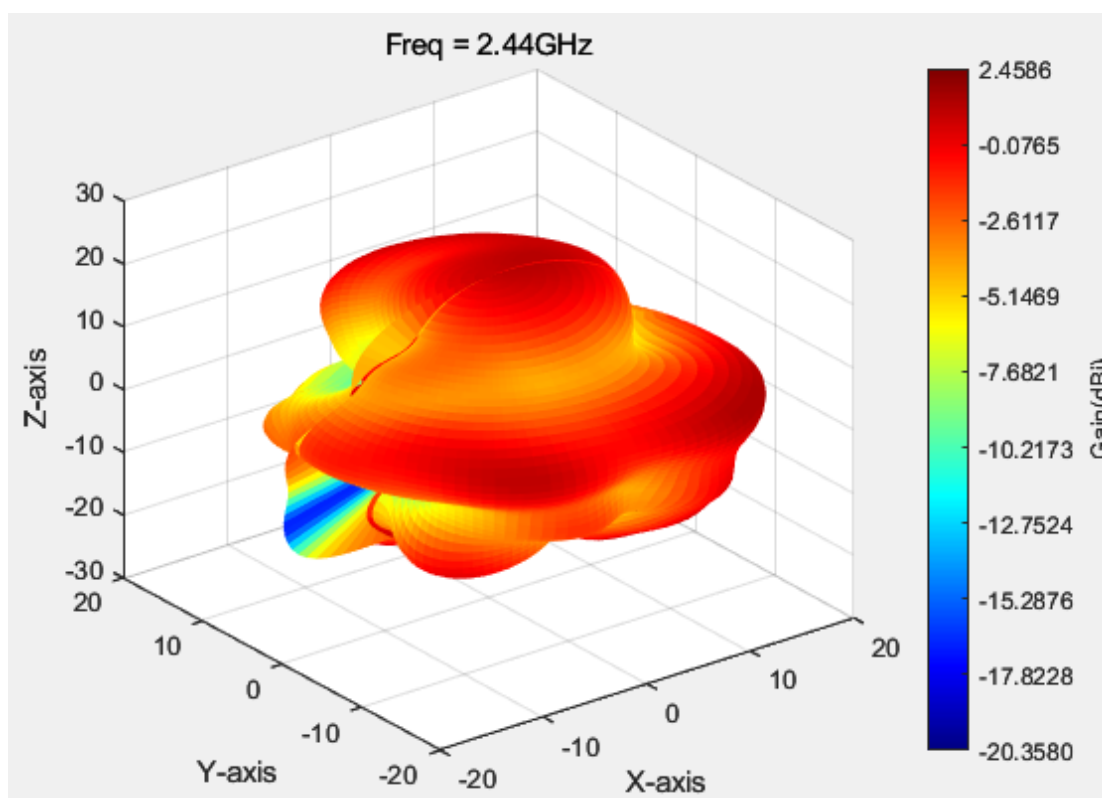
4.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	<u>OM307 ANT</u>		
2	Brand	<u>DJI</u>		
3	Operation Frequency	<u>2.4~2.483GHz;</u>		
4	Connector Type	PCB 板载天线		
5	Impedance	50ohm		
6	Gain	2.46dBi@2.4~2.4835GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	≤ 2		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizon		
11	Weight			

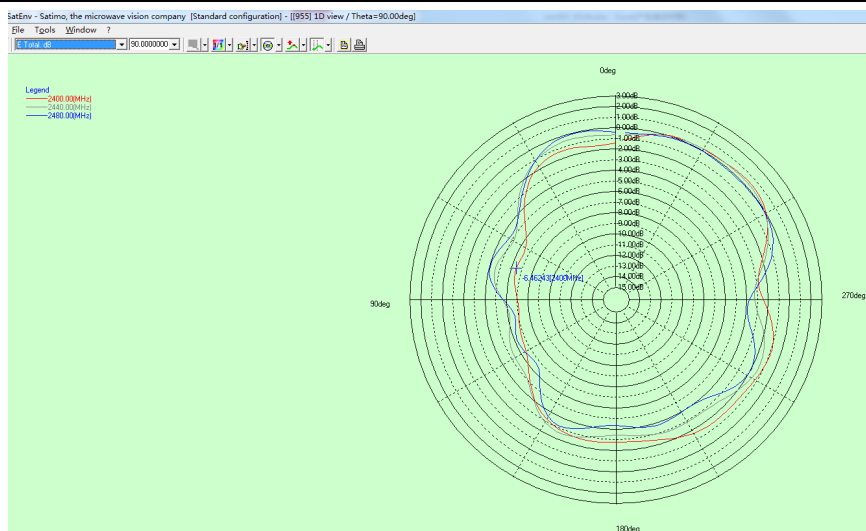
4.2 Gain & Efficiency

Frequency	Efficiency()	Gain dB(dB)
2400MHz	62%	1.65
2410MHz	61%	1.53
2420MHz	60%	1.34
2430MHz	64%	2.05
2440MHz	66%	2.46
2450MHz	62%	2.05
2460MHz	60%	1.80
2470MHz	64%	2.08
2480MHz	64%	2.09

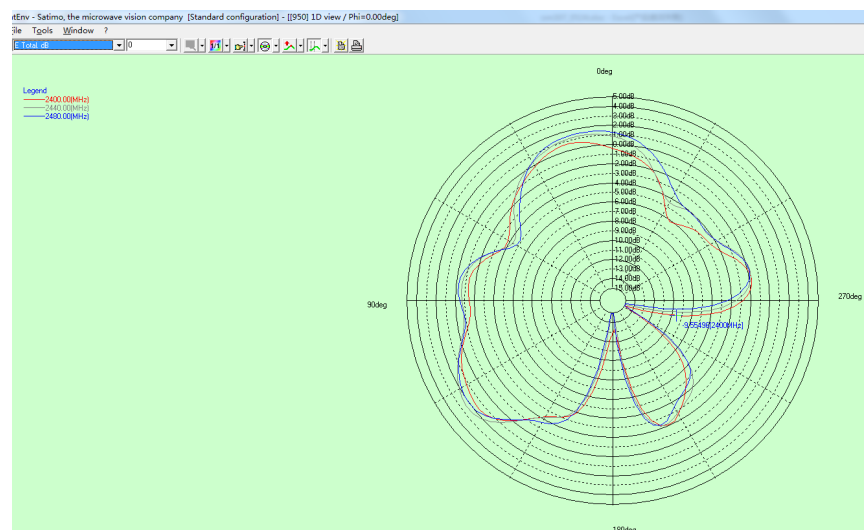
4.3 radiation pattern



方位面 Theta=90°



俯仰面 $\phi=0^\circ$



俯仰面 $\phi=90^\circ$

