
DJI Antenna Datasheet

WM161 Foot SDR Ant

2020-07-08

Revision history

Version	Change notes	Modifier	Date
V1.0	First draft.	Jeremy.ma	2020.07.08

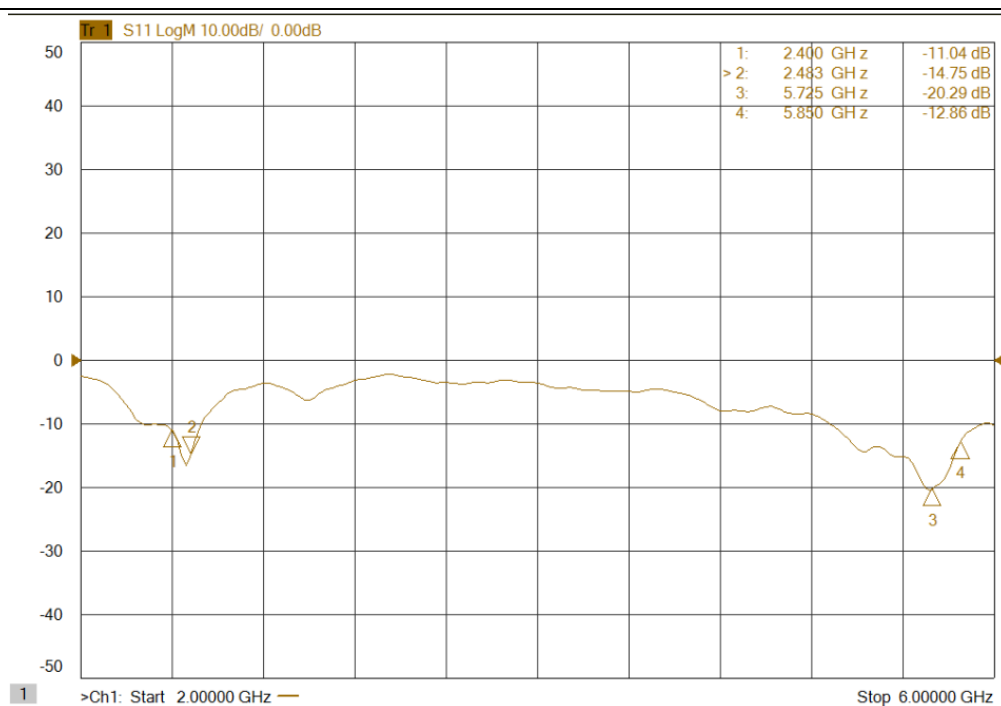
DJI Antenna Datasheet

1、 Basic Specifications

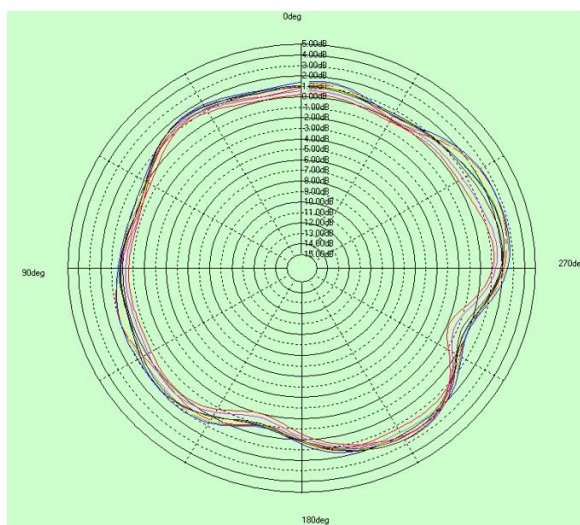
No.	Specification	Descriptions	Notes	
1	Antenna Name	<i>WM161 Foot SDR Ant</i>		
2	Brand	<i>DJI</i>		
3	Operation Frequency	<i>2.4~2.483GHz; 5.725~5.875GHz</i>		
4	Connector Type	<i>IPEX</i>		
5	Impedance	50ohm		
6	Gain	<i>2.5dBi@2.4~2.483GHz 3.5dBi@5.725~5.875GHz</i>		
7	Efficiency	<i>≥55%</i>		
8	VSWR	<i>≤3</i>		
9	Polarization type	<i>Linear</i>		
10	3dB Beamwidth	<i>Omnidirectional horizon, 60 ° revelation</i>		
11	Weight			

2、 Return Loss

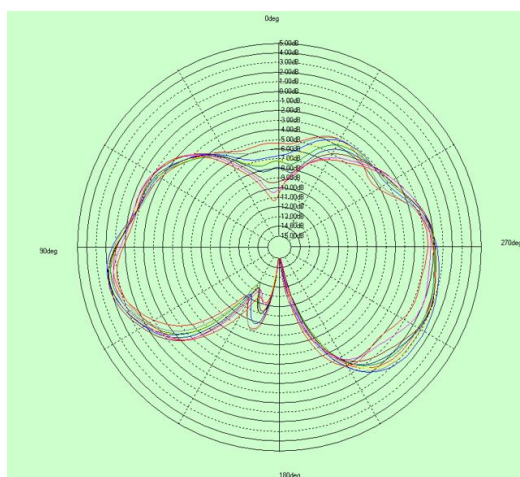
Insert radation return loss.



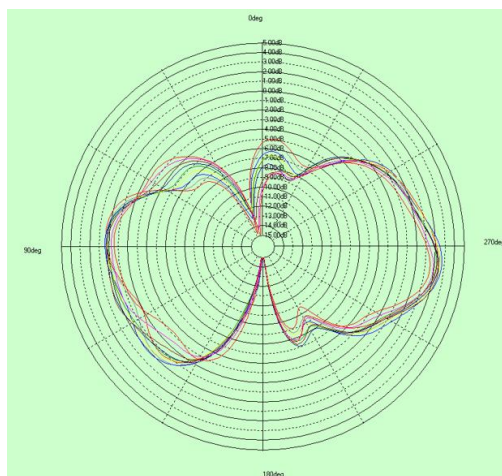
3、Radiation Pattern Theta=90 度



Phi=0 度

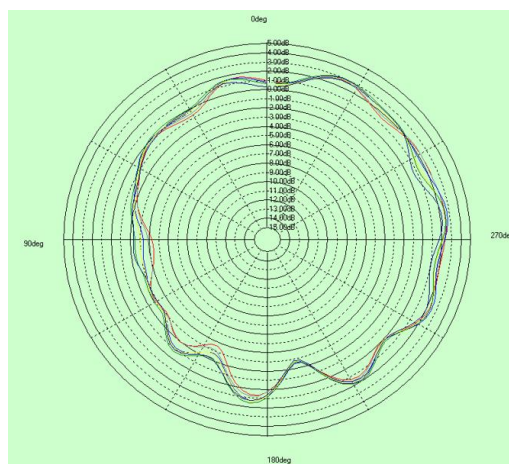


$\Phi=90^\circ$ 度

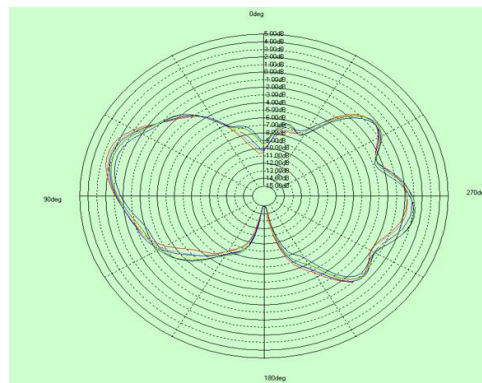


5.8G

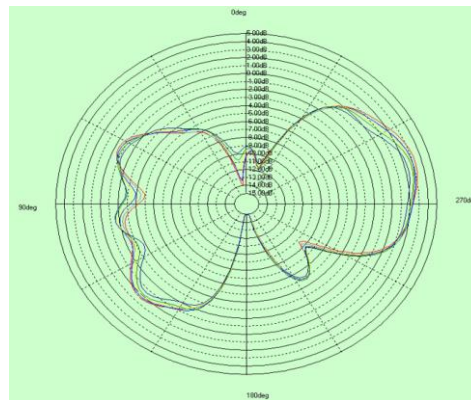
$\Theta=90^\circ$ 度



Phi=0 度



Phi=90 度



4、 Structure drawing

Insert structure drawing.