

DJI Antenna Datasheet

ZA530 PRO antenna

2024-09-24



Revision history

Version	Change notes	Modifier	Date
V1.0	First draft.	Stephen.Wan	2024.09.24

DJI Antenna Datasheet

1、 Basic Specifications

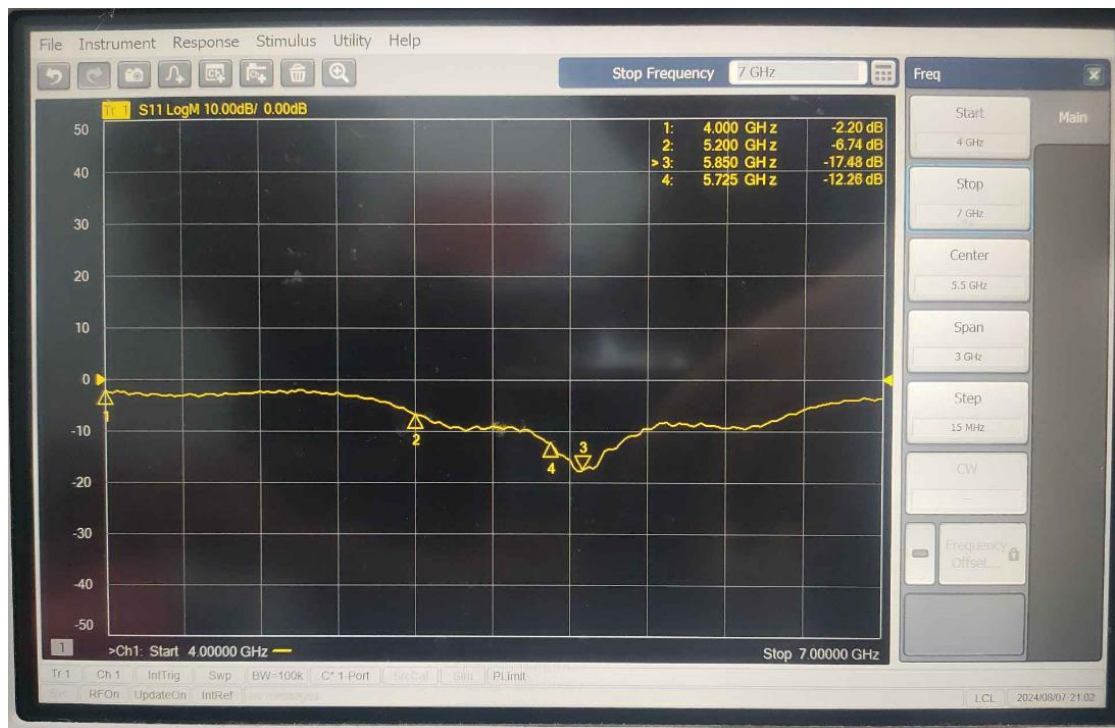
No.	Specification	Descriptions	Notes	
1	Antenna Name	SDR Ant		
2	Brand	DJI		
3	Operation Frequency	5.15~5.25GHz; 5.725~5.85GHz		
4	Connector Type	Ipex-1		
5	Impedance	50ohm		
6	Gain	Ant0: -0.5dBi@5.15~5.25GHz 0.5dBi@5.725~5.875GHz Ant1: -0.5dBi@5.15~5.25GHz 0.5dBi@5.725~5.875GHz		
7	Efficiency	$\geq 20\%$		
8	VSWR	≤ 2		
9	Polarization type	Circulization		
10	3dB Beamwidth	Omnidirectional horizon		
11	Weight			
12	Antenna type	Dipole		
13	Size	Ant0 13.4*13.4*17 Ant1 13.4*13.4*17		

2、 Antenna Return Loss/VSWR

2.1 W IFI antenna return loss

Ant0/ Ant1

Mark(GHz)	5.2	5.725	5.85
S11	-8.7	-12.3	-17.5



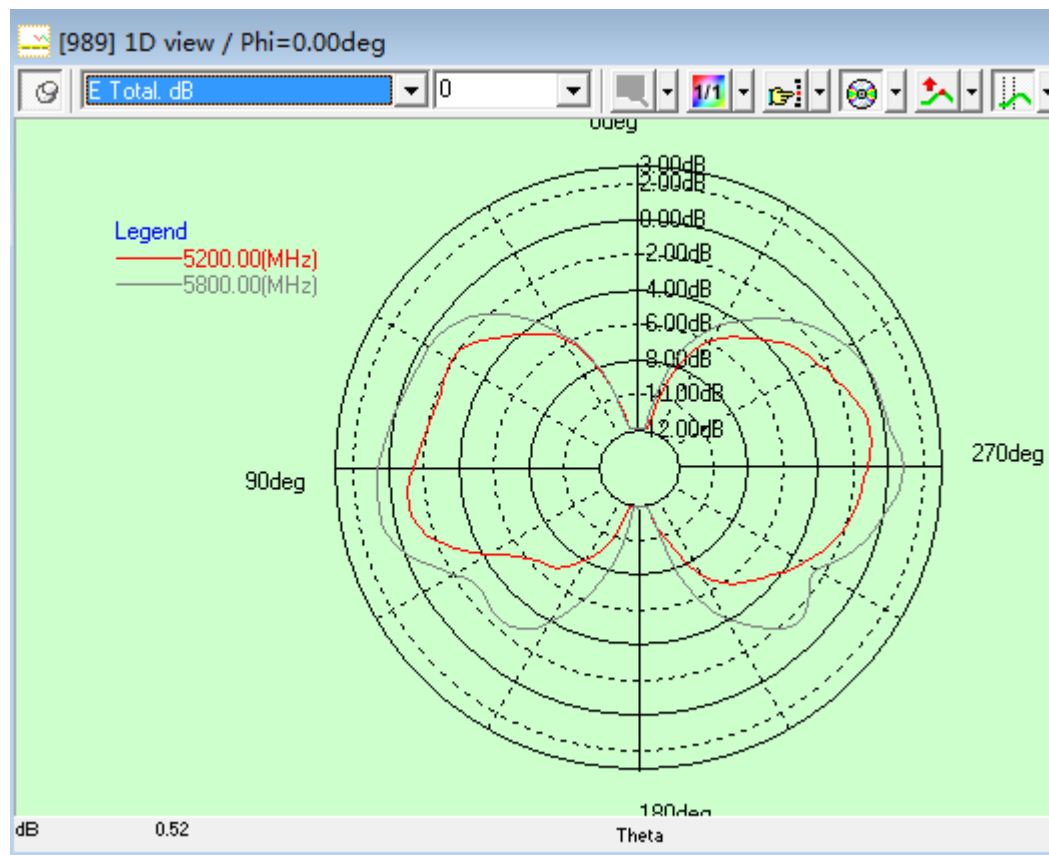
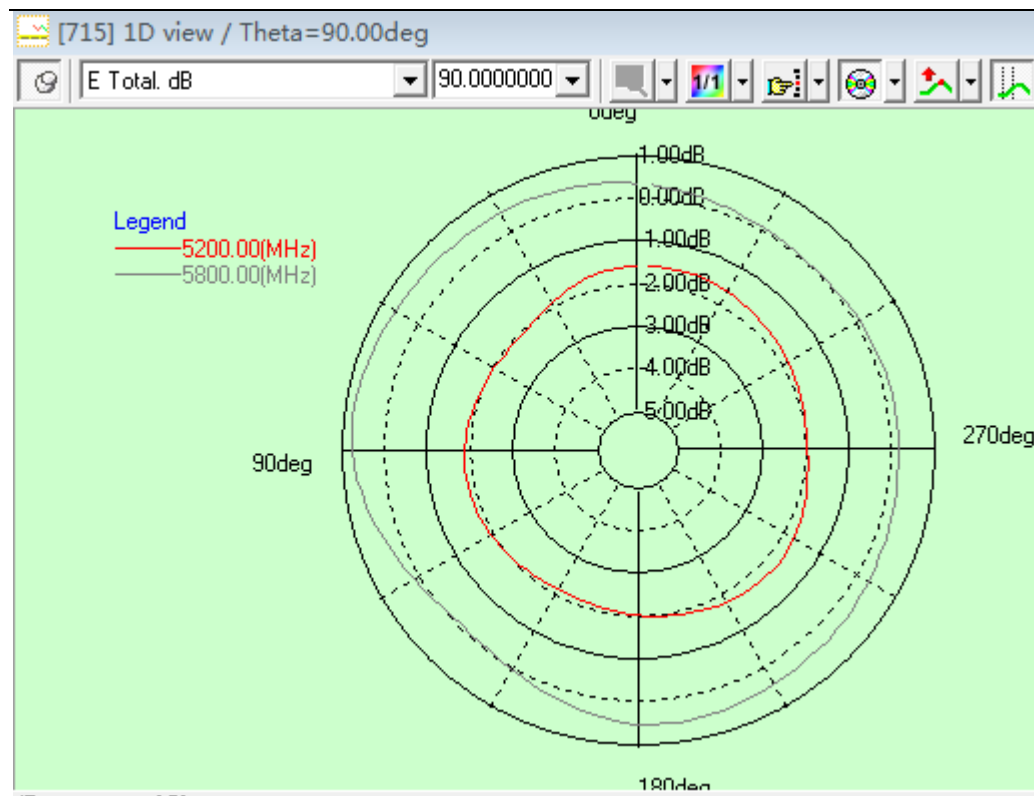
3、 Antenna Gain



频率	增益	效率
5150MHz	-0.5	44%
5200MHz	-0.6	46%
5250MHz	-0.6	50%
5700MHz	0.3	67%
5725MHz	0.4	68%
5750MHz	0.4	71%
5775MHz	0.4	72%
5800MHz	0.5	74%
5825MHz	0.5	72%
5850MHz	0.5	70%

3.1 sdr

Ant0/1



4、 Structure drawing



5.1 SDR antenna

Ant0/1

Name of the antenna manufacturer: INPAQ Technology Suzhou CO.Ltd

Address of the antenna manufacturer: No.5 Chunqiu Road, Xiangcheng



Dsitric, Suzhou, Jiangsu Province

Website of the antenna manufacturer: www.inpaq.com