

DJI Antenna Datasheet

DMT03 ANTENNA



DJI Antenna Datasheet

1、 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	DMT03 Ant	Only sale for DJI
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz; 5.15~5.35GHz; 5.47~5.725GHz; 5.725~5.85GHz	
4	Connector Type	None	
5	Impedance	50ohm	
6	Gain	0.53dBi@2.4-2.483GHz 0.44dBi@5.15-5.25GHz 0.45dBi@5.25~5.35GHz 0.80dBi@5.47~5.725GHz 0.88dBi@5.725-5.85GHz	
7	Efficiency	≥30%	
8	VSWR	≤3	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional	
11	Weight	1g	
12	Antenna type	IFA	
13	Manufacture	Kunshan Innowave	



2、驻波比和效率

TX 天线

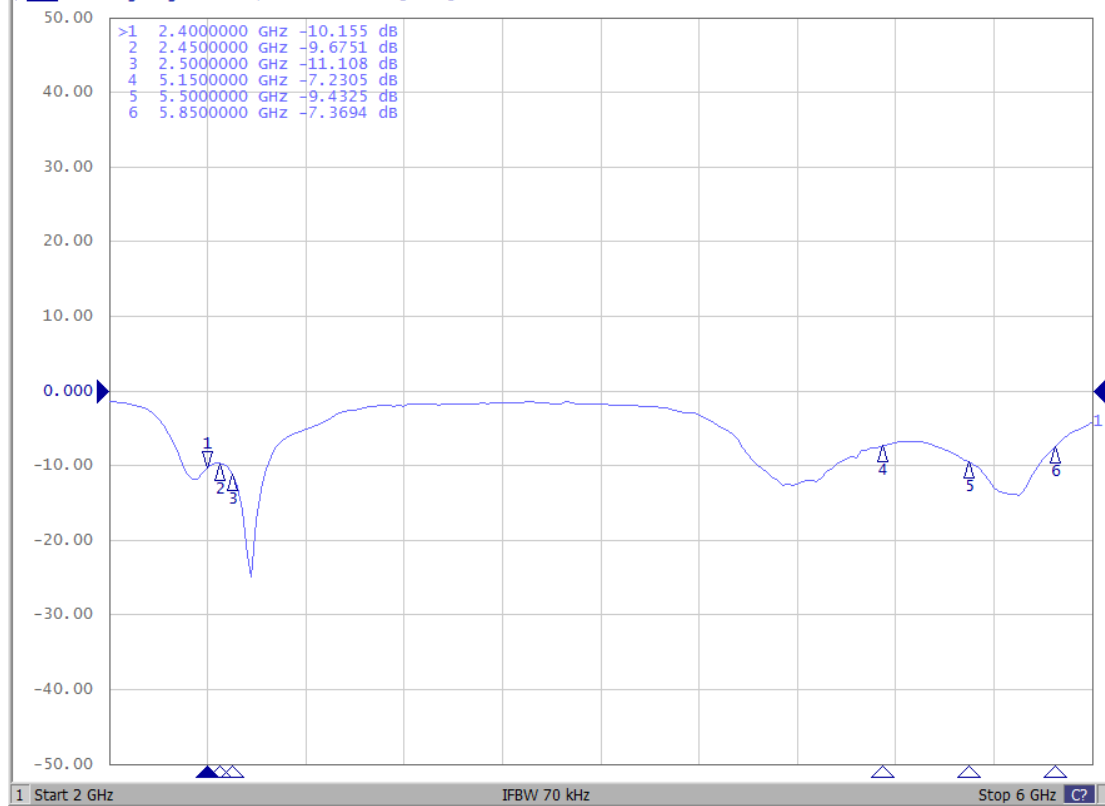
Frequency(MHz)	Efficiency	Gain . dB
2400	39%	0.33
2410	38%	0.42
2420	38%	0.35
2430	38%	0.51
2440	37%	0.50
2450	37%	0.53
2460	35%	0.45
2470	35%	0.51
2480	36%	0.42
2490	36%	0.38
2500	35%	0.31
5150	33%	0.38
5200	32%	0.19
5250	32%	0.44
5300	34%	0.45
5350	33%	0.32
5400	35%	0.23
5450	36%	0.33
5470	39%	0.35
5550	40%	0.80
5600	41%	0.79
5650	41%	0.70
5725	39%	0.80
5750	38%	0.88
5800	36%	0.17
5850	31%	0.73



E5071C Network Analyzer

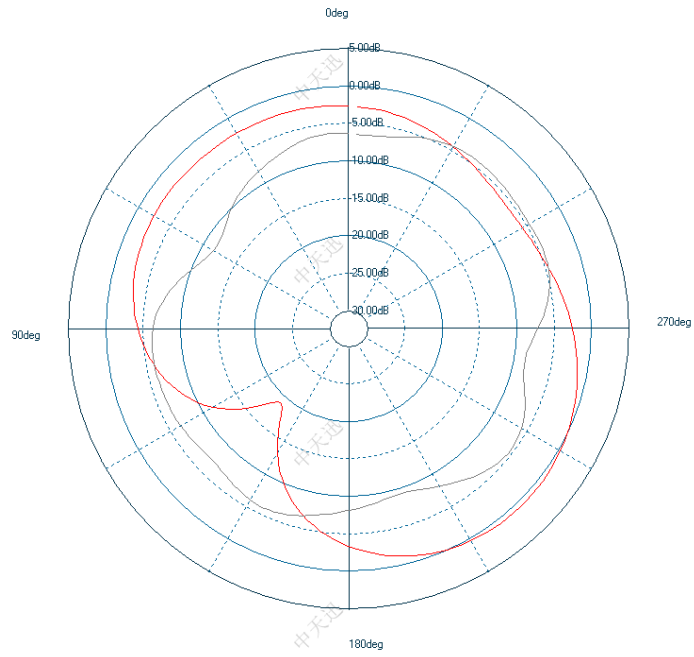
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

► Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F1 M]

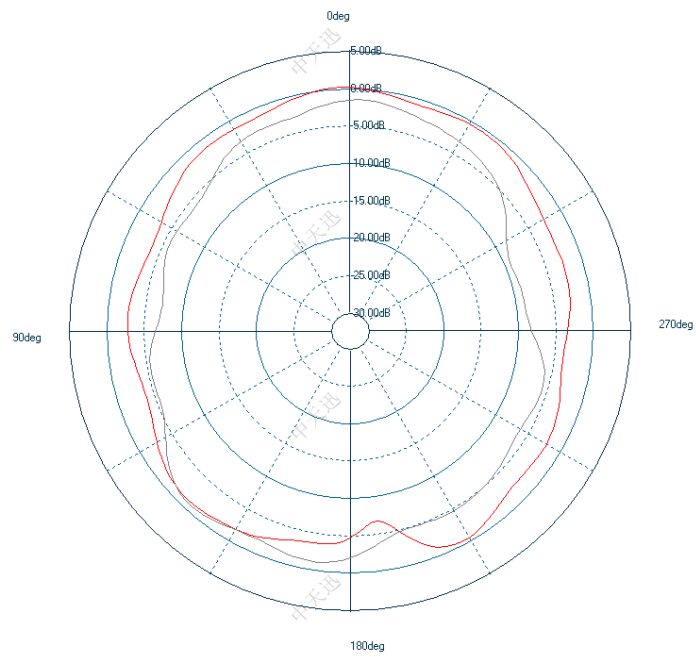


3、 Radiation Pattern

XOY:



XOZ:



YOZ:

