

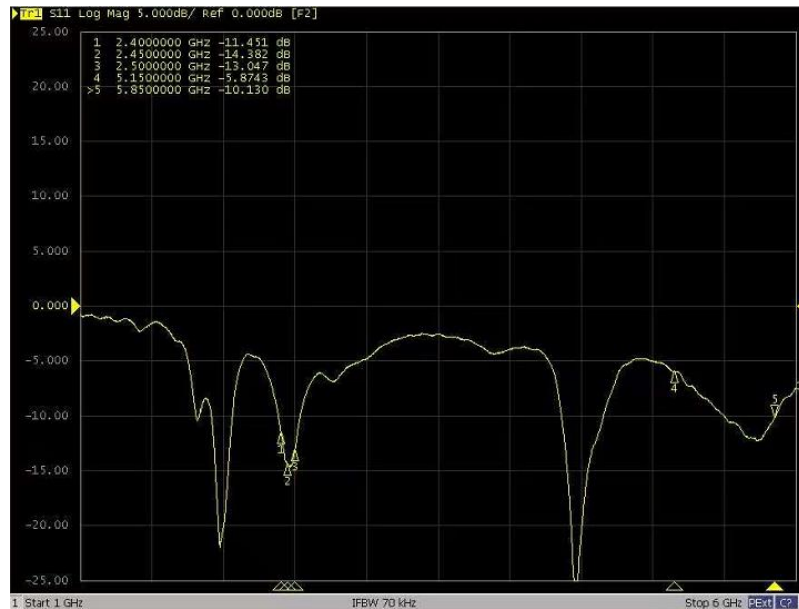
ON001 Antenna

4.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	<u>ON001 ANT</u>	Only sale for DJI
2	Brand	<u>DJI</u>	
3	Operation Frequency	<u>2.4~2.483GHz;</u> <u>5.725~5.850GHz</u>	
4	Connector Type	None	
5	Impedance	50ohm	
6	Gain	ANT1 -0.5dBi@2.4~2.483GHz 0.5dBi@5.725~5.85GHz ANT2 -1dBi@2.4~2.483GHz 0dBi@5.725~5.85GHz	
7	Efficiency	$\geq 20\%$	
8	VSWR	≤ 2	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional horizon	
11	Manufacturer	Kunshan Innwave Communication Technology Co., Ltd. Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China	

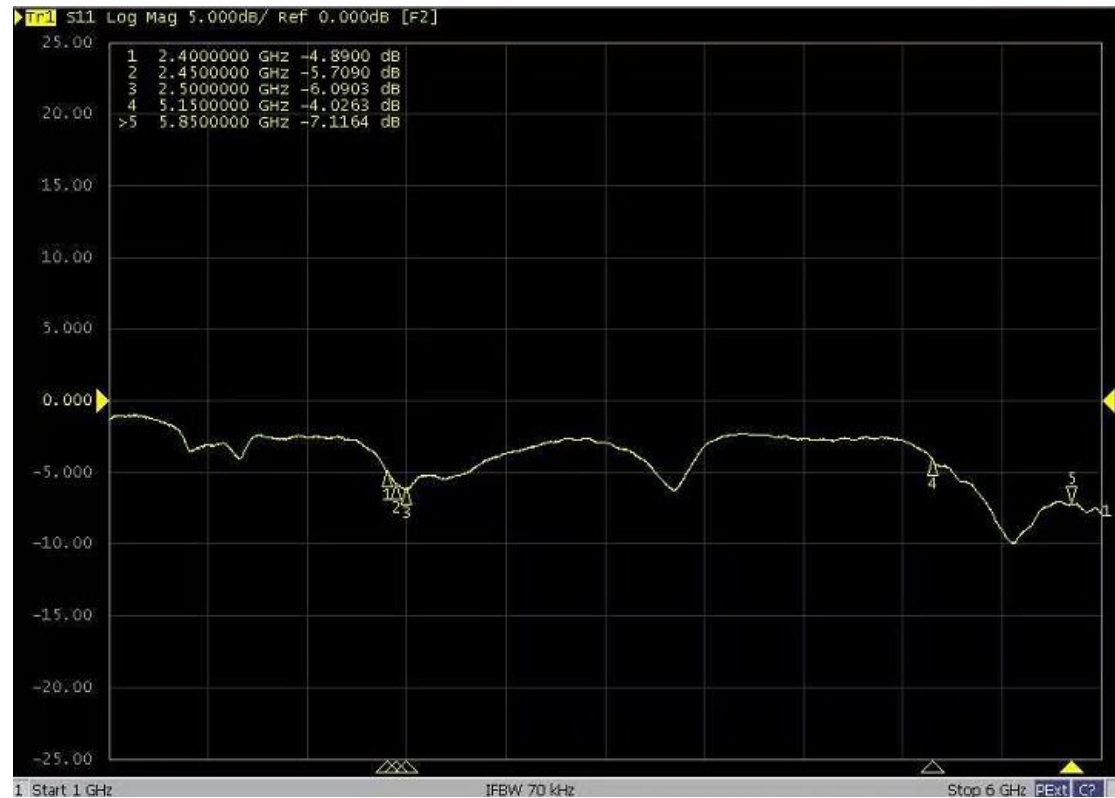
4.2 Gain & Efficiency

ANT WIFI1 :



ANT_WIFI1			
Frequency/Mhz	Efficiency / dB	Efficiency / %	MaxGain/dBi
2400	-2.54	35.72	-0.5
2410	-2.70	33.70	-0.59
2420	-2.82	32.24	-0.58
2430	-2.92	31.05	-0.50
2440	-3.33	36.45	-0.62
2450	-3.27	37.10	-0.50
2460	-3.95	30.27	-0.58
2470	-3.80	31.69	-0.58
2480	-4.39	36.39	-0.69
5700	-2.38	37.81	0.42
5750	-2.02	32.81	0.01
5800	-2.09	41.80	0.50
5850	-2.21	40.12	0.43

ANT WIFI2 :

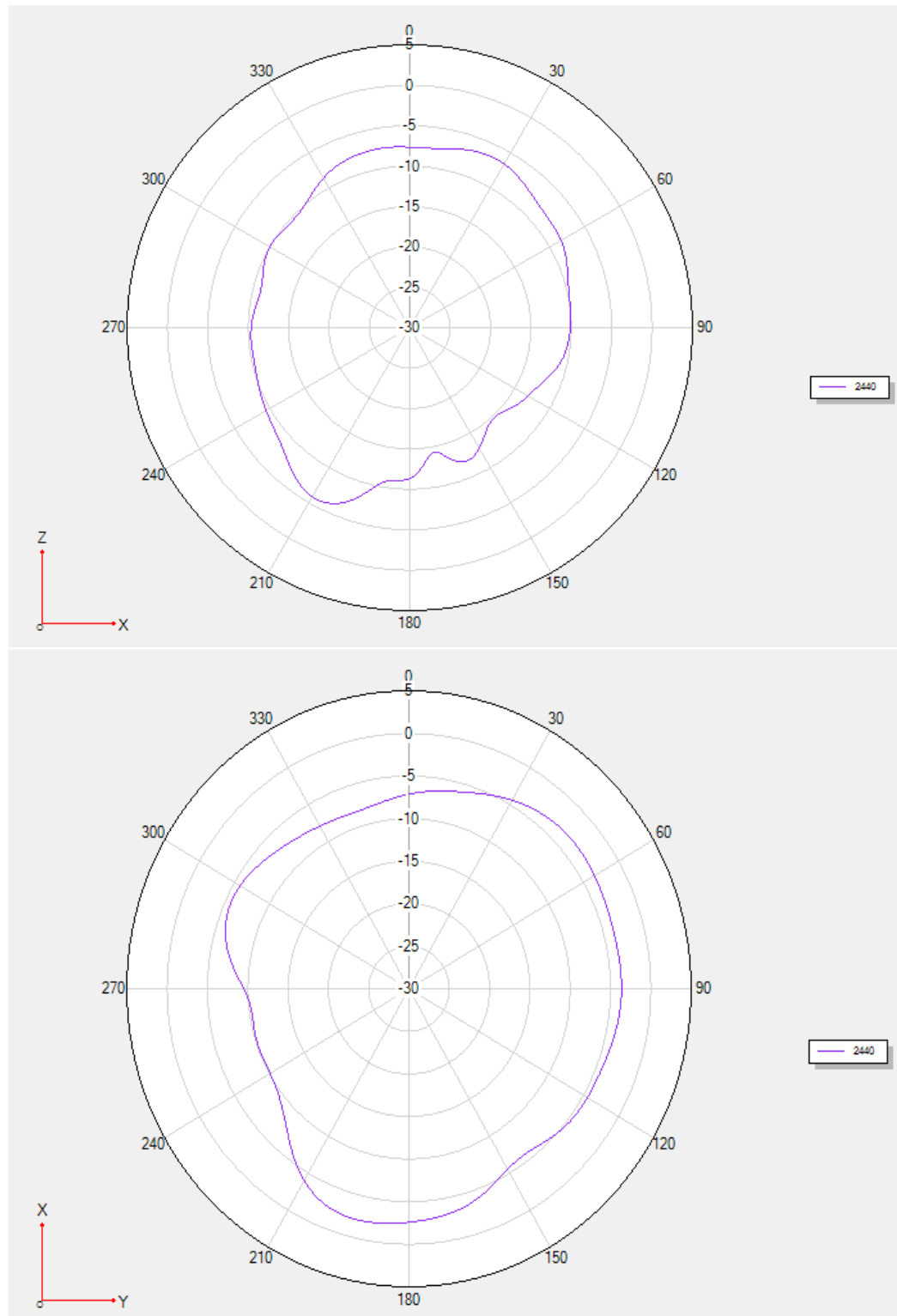


ANT_WIFI2			
Frequency/Mhz	Efficiency / dB	Efficiency / %	MaxGain/dBi
2400	-8.54	18.00	-3.05
2410	-8.35	17.62	-3.9
2420	-8.05	18.67	-3.15
2430	-7.84	16.44	-2.83
2440	-7.68	17.06	-2.41
2450	-7.23	18.92	-2.44
2460	-7.30	18.62	-1.50
2470	-6.76	21.09	-1.02
2480	-6.82	20.80	-1.89
5700	-4.70	33.88	-0.53
5750	-4.26	37.50	-0.0
5800	-4.28	37.33	-0.50
5850	-4.32	36.98	-0.14

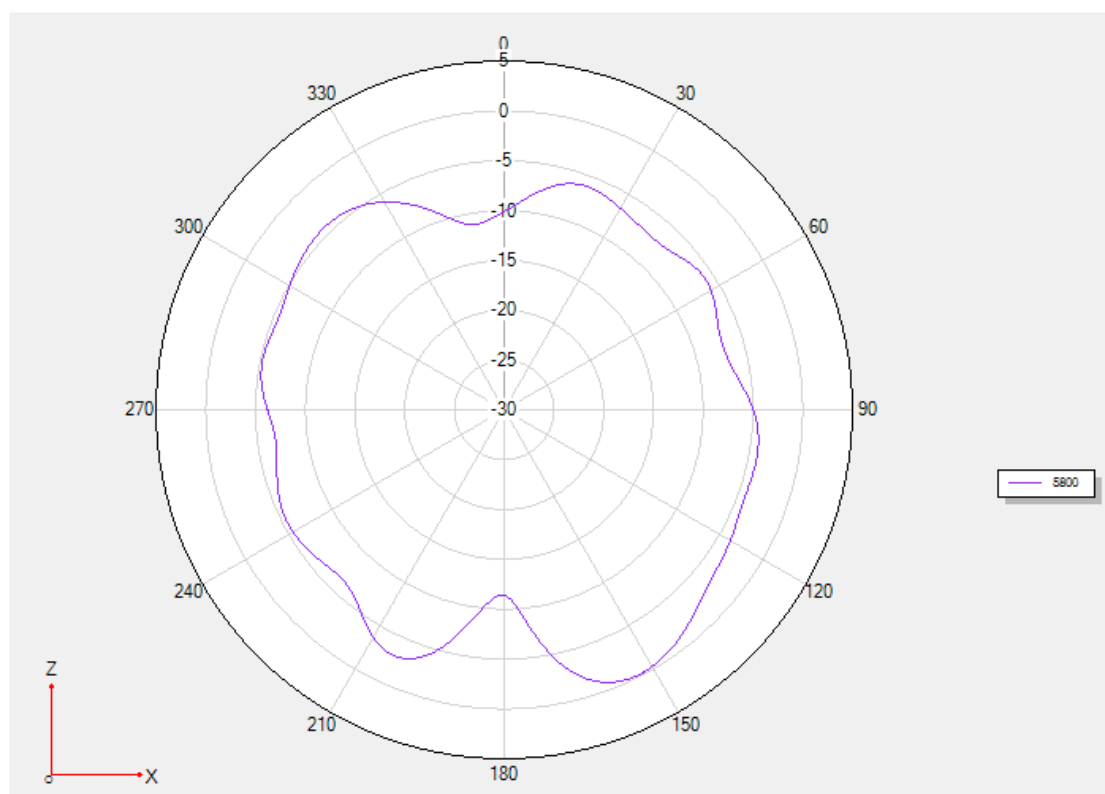
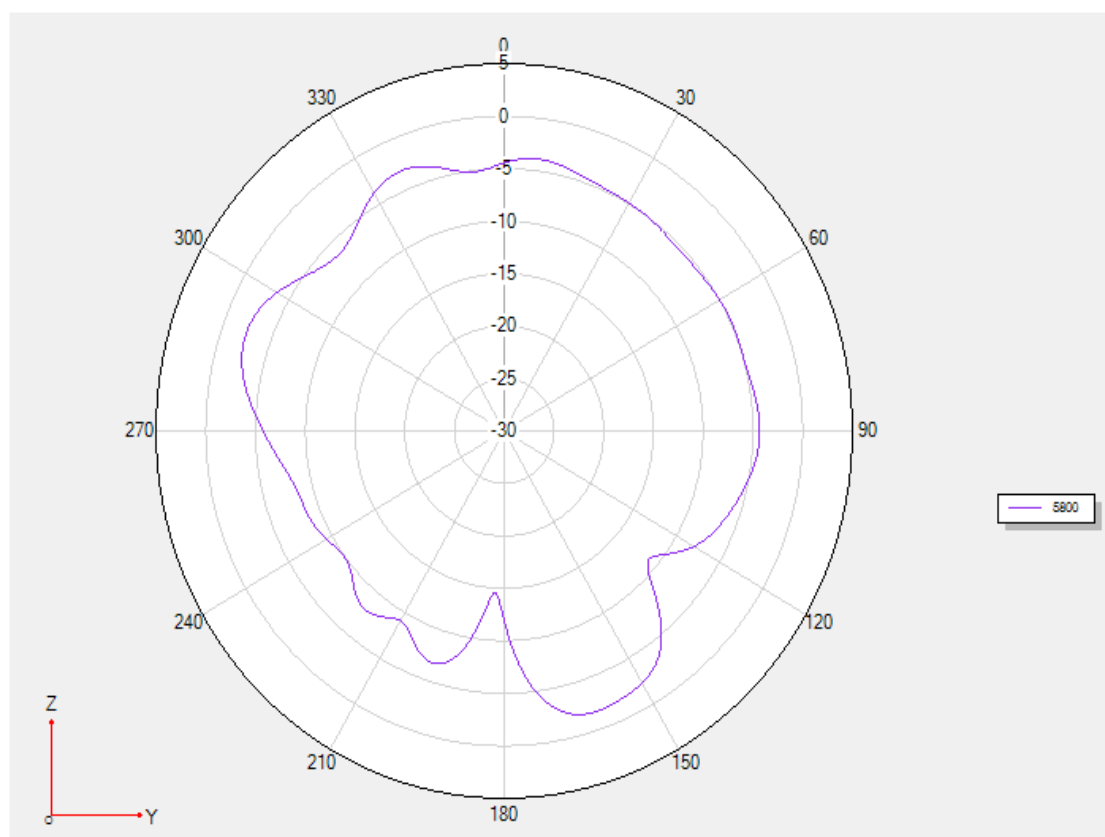
4.3 radiation pattern

ANT WIFI1:

2.4G:

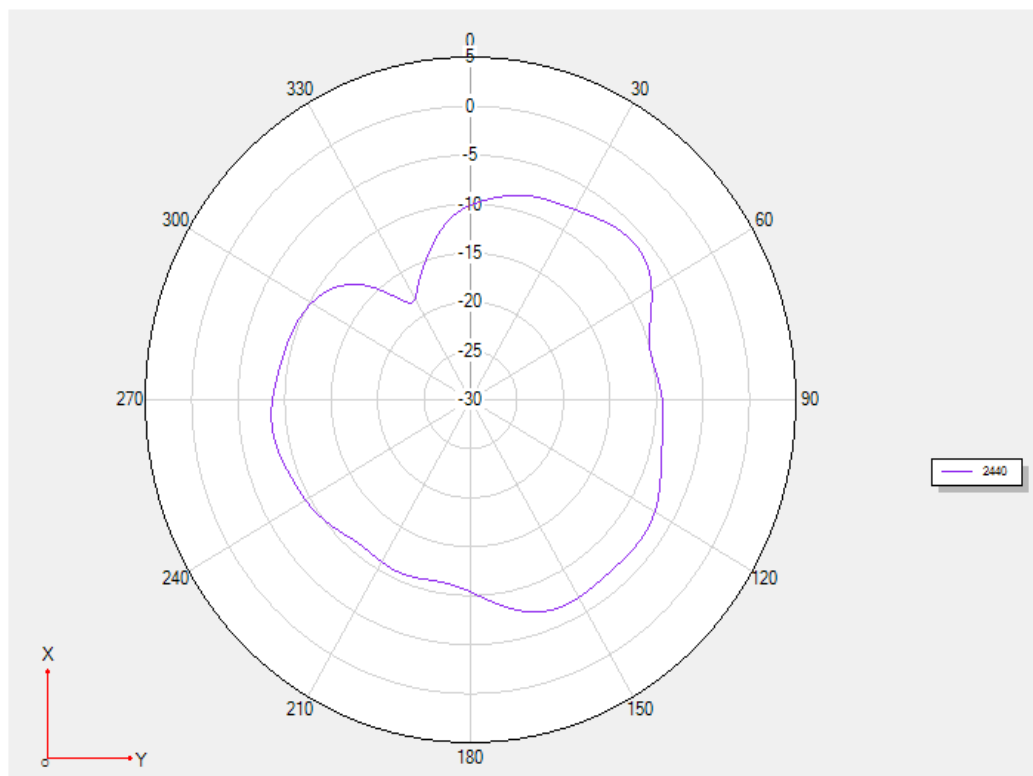
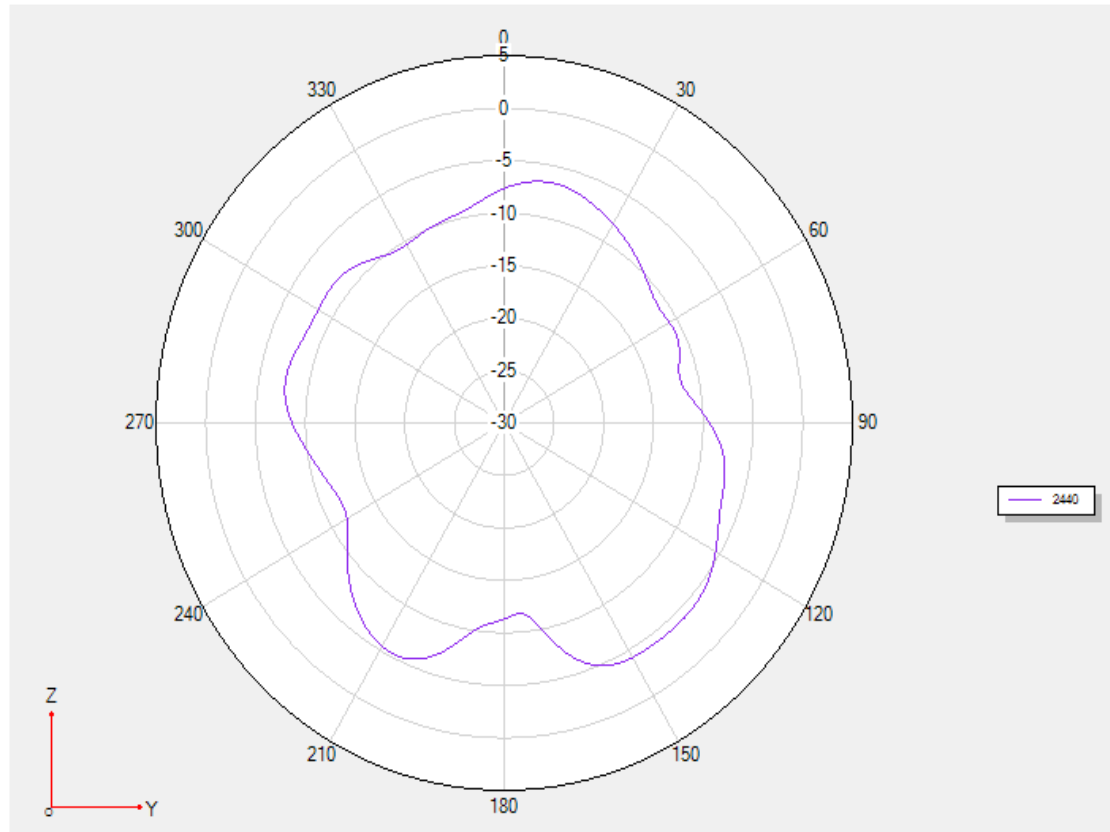


5.8G



ANT WIFI2 :

2.4G:



5.8G:

