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pipe diameter $\phi 20/25/32\text{mm}$, respectively support the
maximum power of 100w/150w/200w, color bright black
elegant black, white, military green, etc., please
contact customer service staff for details.

Product Description

2.1G2.4G3.5G5.8G Omnidirectional 150W drone jammer strike pressed FRP waterproof antenna

1. Specification

A. Electrical Characteristics	
Frequency	5150-5850MHz(Customizable others)
Impedance	50 Ohm
S.W.R.	<2.0
Antenna Gain	10dBi
Efficiency	≈85%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	10±5°
Max Power	150W
B. Material & Mechanical Characteristics	
Connector Type	N - Female
Dimension	Φ25*600mm
Colour	Army black
Weight	0.5Kg
Radome material	Fiberglass
C. Environmental	
Operation Temperature	- 45 °C ~ + 85 °C
Storage Temperature	- 45 °C ~ + 85 °C
Rated Wind Velocity	36.9m/s
Lighting Protection	DC Ground

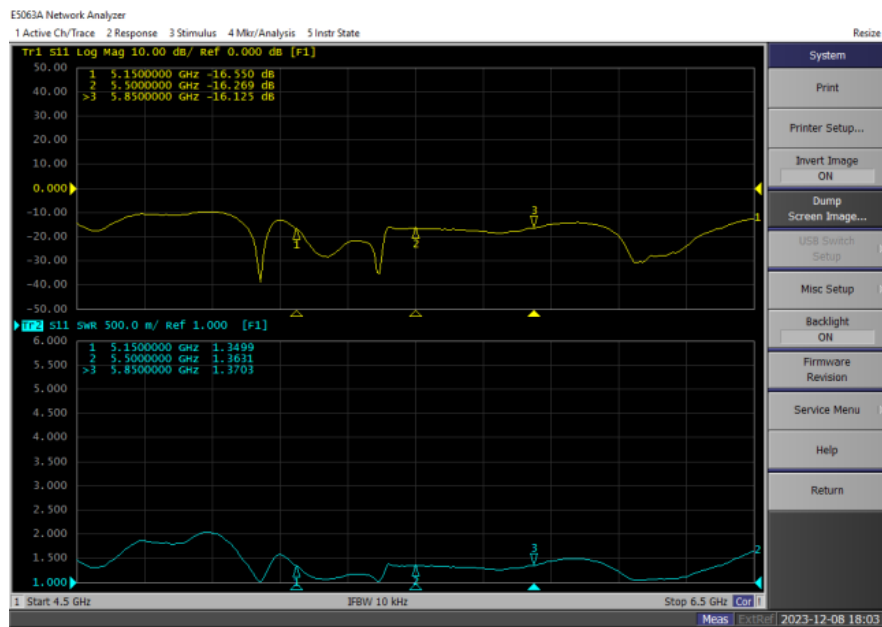
Electrical performance parameter

Band	specification	Power	Gain	SWR	dimension
400M	400-470M	150w	3±1dBi	≤2.0	φ25*600mm
700M	650-835M	150w	3±1dBi	≤2.0	φ25*600mm
800M	758-800M	150w	5±1dBi	≤1.5	φ25*600mm
900M	870-960M	150w	5±1dBi	≤1.5	φ25*600mm
1.2g	1150-1280M	150w	5±1dBi	≤2.0	φ25*600mm
1.3g	1250-1370M	150w	5±1dBi	≤2.0	φ25*600mm
1.4g	1350-1550M	150w	5±1dBi	≤2.0	φ25*600mm
1.5g	1550-1620M	150w	6±1dBi	≤2.0	φ25*600mm
1.8G	1805-1920M	150w	6±1dBi	≤1.5	φ25*600mm
2.0G	2010-2025M	150w	6±1dBi	≤1.5	φ25*600mm
2.1G	2110-2170M	150w	7±1dBi	≤1.5	φ25*600mm
2.3G	2300-2400M	150w	7±1dBi	≤1.5	φ25*600mm
2.4G	2400-2500M	150w	8±1dBi	≤1.5	φ25*600mm
2.6G	2500-2700M	150w	8±1dBi	≤1.5	φ25*600mm
3.5G	3400-3600M	150w	8±1dBi	≤1.5	φ25*600mm
4.9G	4800-5000M	150w	9±1dBi	≤1.5	φ25*600mm
5.2G	5150-5350M	150w	10±1dBi	≤1.5	φ25*600mm
5.8G	5150-5850M	150w	10±1dBi	≤1.5	φ25*600mm
5.8G	5700-5900M	150w	11±1dBi	≤1.5	φ25*600mm
6.0G	5950-6350M	150w	9±1dBi	≤1.5	φ25*600mm

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2. Antenna - S Parameter Test Data

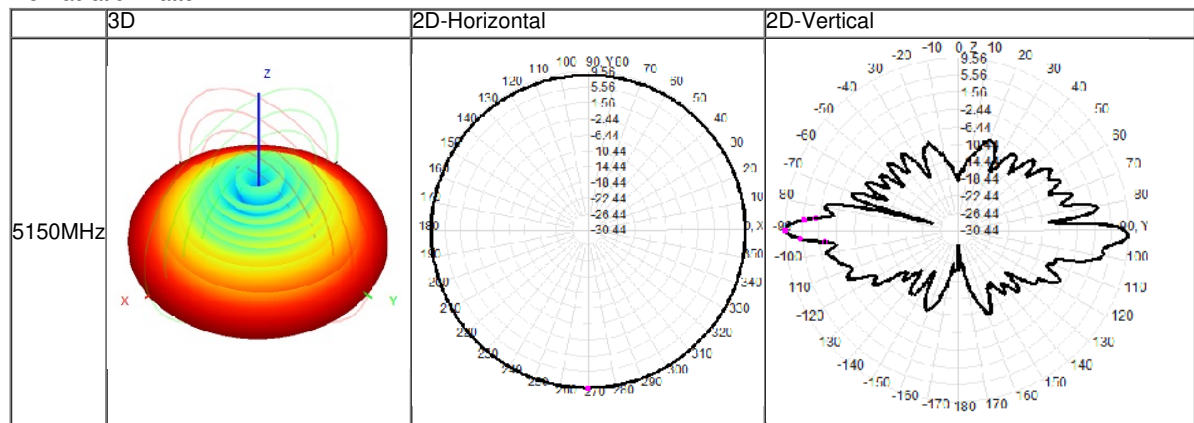
2.1 VSWR

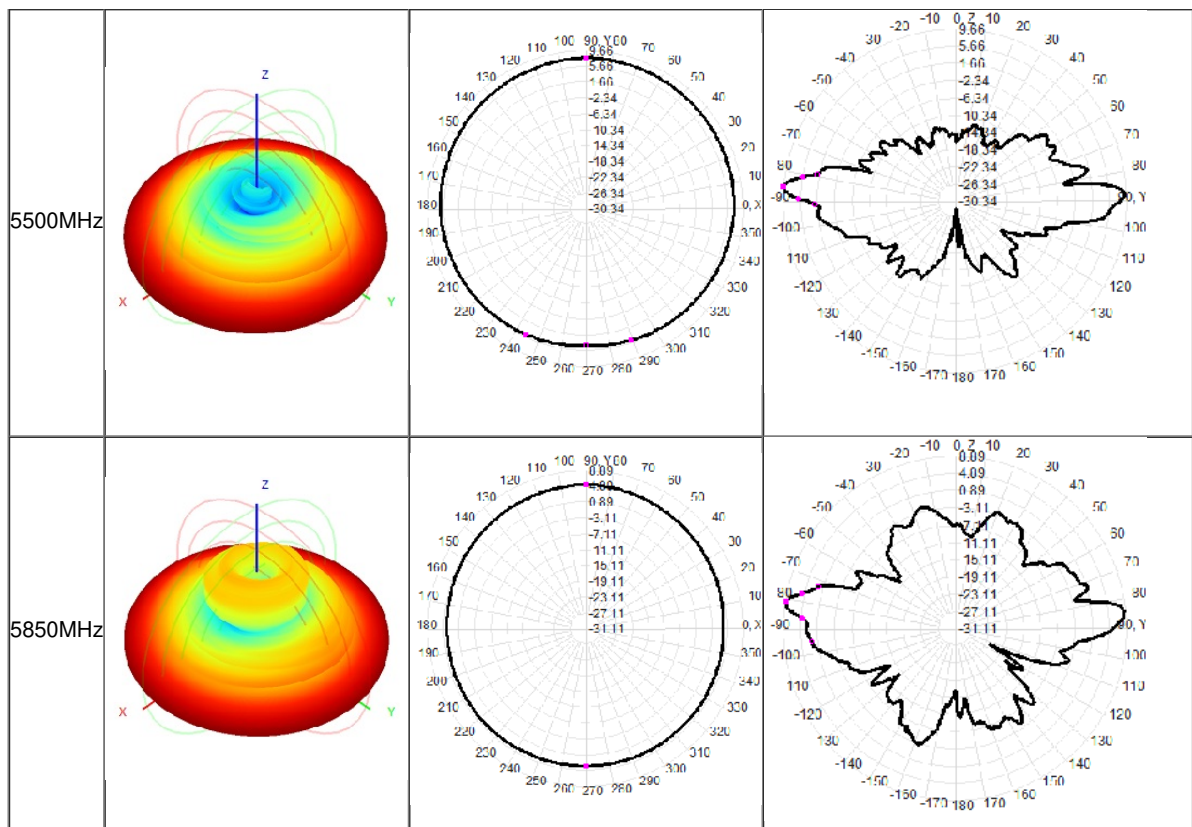


2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)	Efficiency(%)
5150	9.6	73.7
5200	9.1	76.2
5250	9.1	80.8
5300	9.0	82.7
5350	8.8	82.4
5400	8.6	76.3
5450	9.9	78.4
5500	9.7	81.1
5550	9.2	79.3
5600	9.0	78.5
5650	8.9	79.0
5700	9.0	82.9
5750	9.2	87.1
5800	9.3	94.1
5850	8.9	87.5

2.3 Radiation Pattern





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