



Flat Panel GNSS 2.4GHz 5.8GHz Outdoor Directional Antenna 14dBi 220x220x25

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10886-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 1560-1620MHz; 2400-2500MHz; 5700-5900MHz
- VSWR: <1.6
- Peak Gain: 8dBi/10dBi/15dBi
- Impedance: 50
- Highlight: 14dBi Outdoor Directional Antenna,
2.4GHz Outdoor Directional Antenna,
5.8GHz Outdoor Directional Antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Port	Port 1	Port 2	Port 3
Frequency	1560-1620MHz	2400-2500MHz	5700-5900MHz
VSWR	< 1.6	< 1.6	< 1.6
Peak Gain	8dBi	10dBi	15dBi
Impedance	50 Ohm	50 Ohm	50 Ohm
Polarization	RDHP	Vertical	Vertical
Horizontal Beamwidth	67-72°	59-61°	32-41°
Vertical Beamwidth	70-76°	42-44°	32-35°

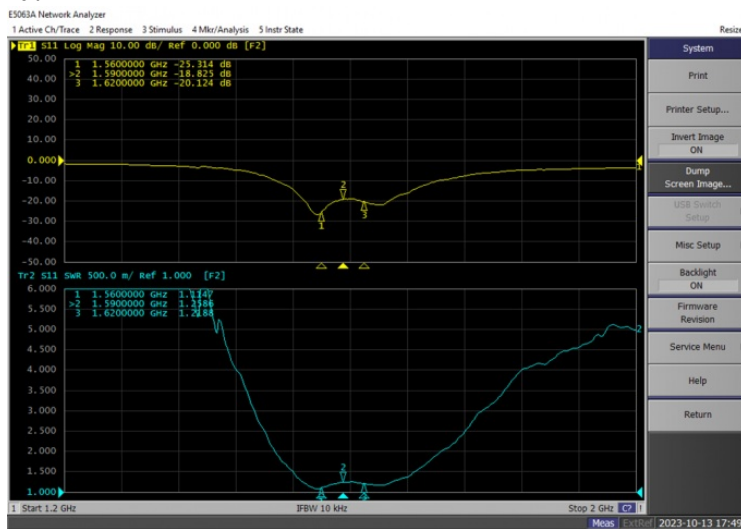
Our Product Introduction

F/B	20dB	23dB	23dB
Max Power	50W	50W	50W
B. Material & Mechanical			
Connector Type	SMA-K*3		
Dimension	225*225*25mm		
Weight	0.86Kg		
Radome material	ABS		
C. Environmental			
Operation Temperature	- 45℃ ~ +85 ℃		
Storage Temperature	- 45℃ ~ +85 ℃		
Operation Humidity	95%		
Rated Wind Velocity	36.9m/s		
Lighting Protection	DC Ground		

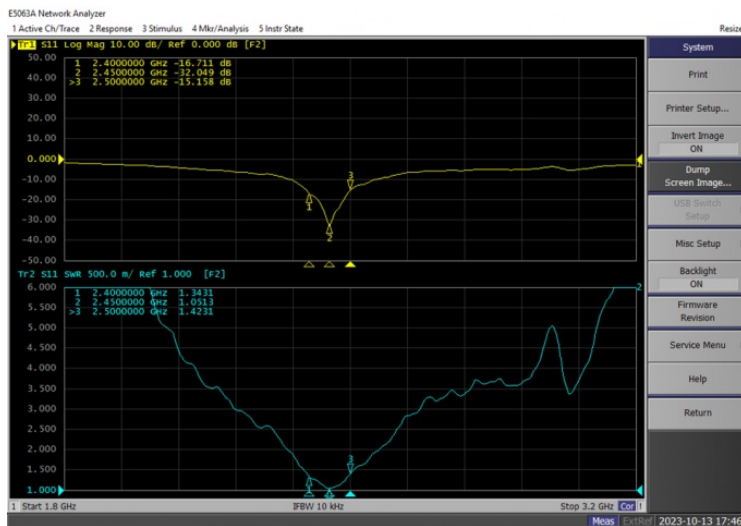
2. Antenna - S Parameter Test Data

2.1 VSWR

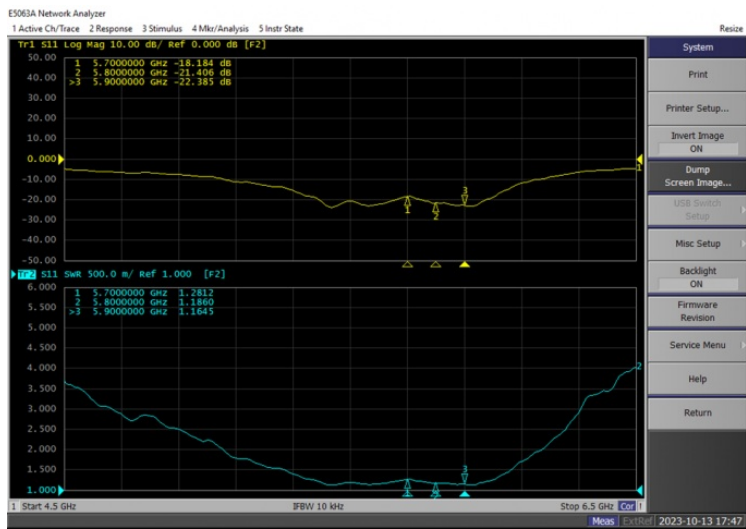
Port1



Port2



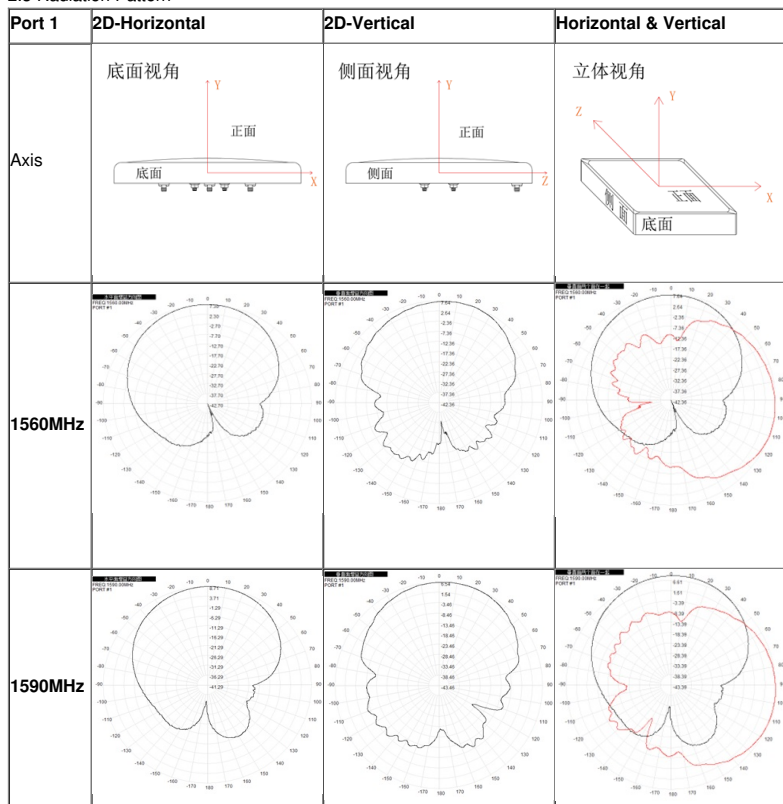
Port3

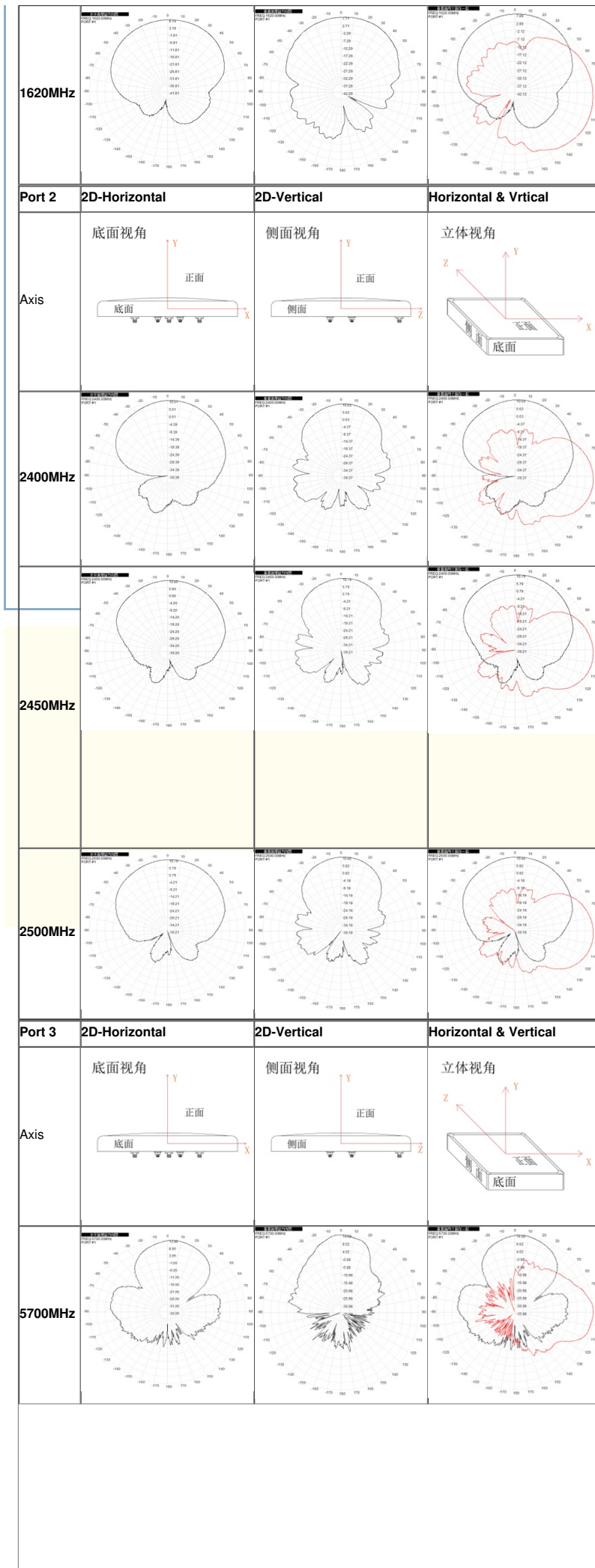


2.2 Total Efficiency & Gain:

Port 1		Port 2		Port 3	
Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)
1560	7.6	2400	10.6	5700	14.0
1570	7.0	2410	10.6	5725	13.8
1580	8.4	2420	10.8	5750	13.9
1590	8.7	2430	10.8	5775	13.9
1600	7.3	2440	10.7	5800	14.0
1610	8.2	2450	10.8	5825	14.1
1620	8.1	2460	10.8	5850	14.4
		2470	10.8	5875	15.0
		2480	10.8	5900	15.0
		2490	10.8		
		2500	10.8		

2.3 Radiation Pattern





Dongguan Leenz Electronics Co., Ltd

19200261653

sale01@leenz.com

2nd Floor,
Building 1,
Xinhe
Industrial
Park No.
162,
Zhen'an
East Road,
Chang'an
Town,
Dongguan
City,
Guangdong
Province

