



Multi-Band Gnss Antenna 35dbi Multi Frequency Gps Glonass Beidou Galileo

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10617-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 164-1286MHz, 1525-1615MHz
- VSWR: <1.5
- LNA Gain: 35±2dBi(Typ.@25°C)
- Impedance: 50
- Highlight: gnss multiband, multi band gps, multi-band gnss antenna



More Images



Product Description

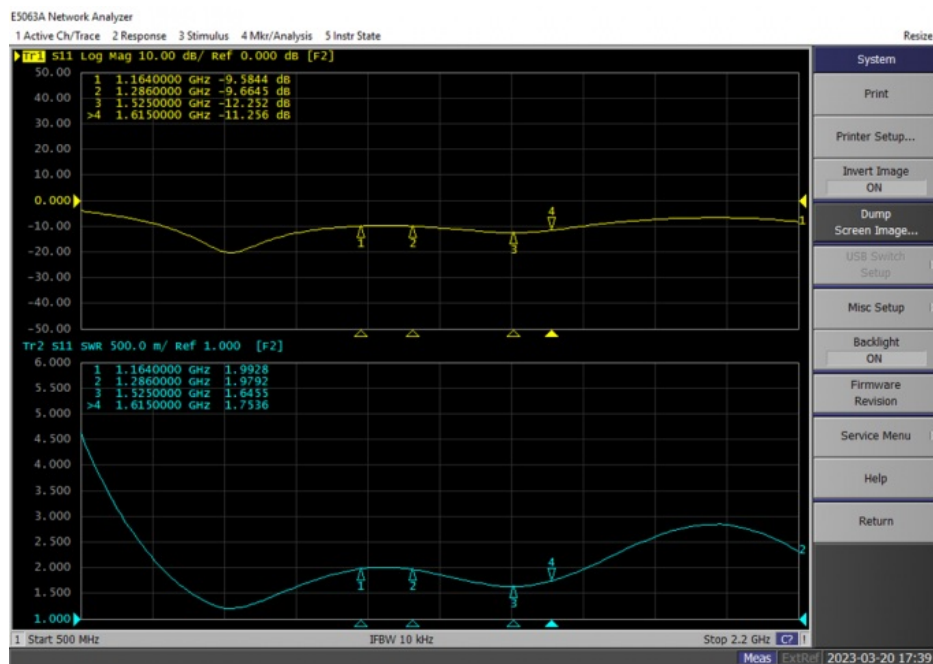
Satellite Positioning Antenna Multi-Band Gnss Antenna 35dbi Gps Glonass Beidou Galileo

1. Specification

A. Electrical Characteristics		
Frequency	1164-1286MHz, 1525-1615MHz	
Supported Positioning signal bands	GPS: L1/L2/L5 BDS: B1/B2/B3 GLONASS: G1/G2/G3 Galileo: E1/E5a/E5b L-Band	
Peak Gain	≥4dBi@FC,with 100mm ground plane	
Impedance	50Ohm	
Polarization	RHCP	
Axial Ratio	≤1.5 dB	
Azimuth Coverage	360°	
B. LNA and Filter Electrical Properties		
LNA Gain	35±2dBi(Typ.@25°C)	
P-1out	≥5dBm	
Noise Figure	≤2.0dB@25°C,Typ.(Pre-filtered)	
Output VSWR	≤1.5 : 1Typ. 2.0 : 1 Max	
Operation Voltage	3-6 V DC	
Operation Current	≤45mA	
ESD circuit protection	15KV air discharge	
Out-of-Band Rejection	L5/E5/L2/G2/B2	1050MHz: 55dB 1125MHz: 30dB 1350MHz: 45dB
	L1/E1/B1/G1	1450MHz: 40dB 1690MHz: 40dB 1730MHz: 45dB
C. Material & Mechanical Characteristics		
Connector Type	TNC connector	
Dimension	119x76x27mm	
Radome material	PC+ABS	
Base	Aluminum alloy 6061-T6	
Attachment Method	Four screw holes	
Waterproof	IP67	
Weight	0.2Kg	
C. Environmental		
Operation Temperature	- 40 °C ~ + 85 °C	
Storage Temperature	- 40 °C ~ + 85 °C	
Humidity	≤95%	
Vibration	3 axis sweep = 15 min, 10 to 200Hz sweep: 3G	
Shock	Vertical axis:50G, other axes:30G	

2. Antenna - S Parameter Test Data

2.1 VSWR

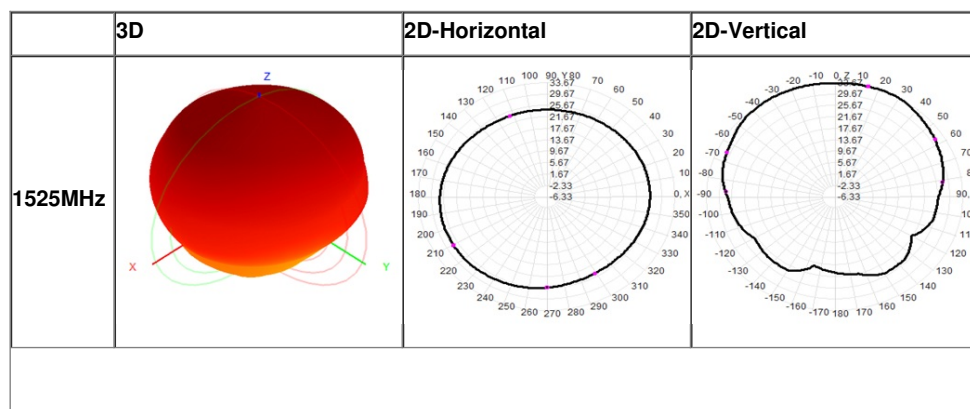
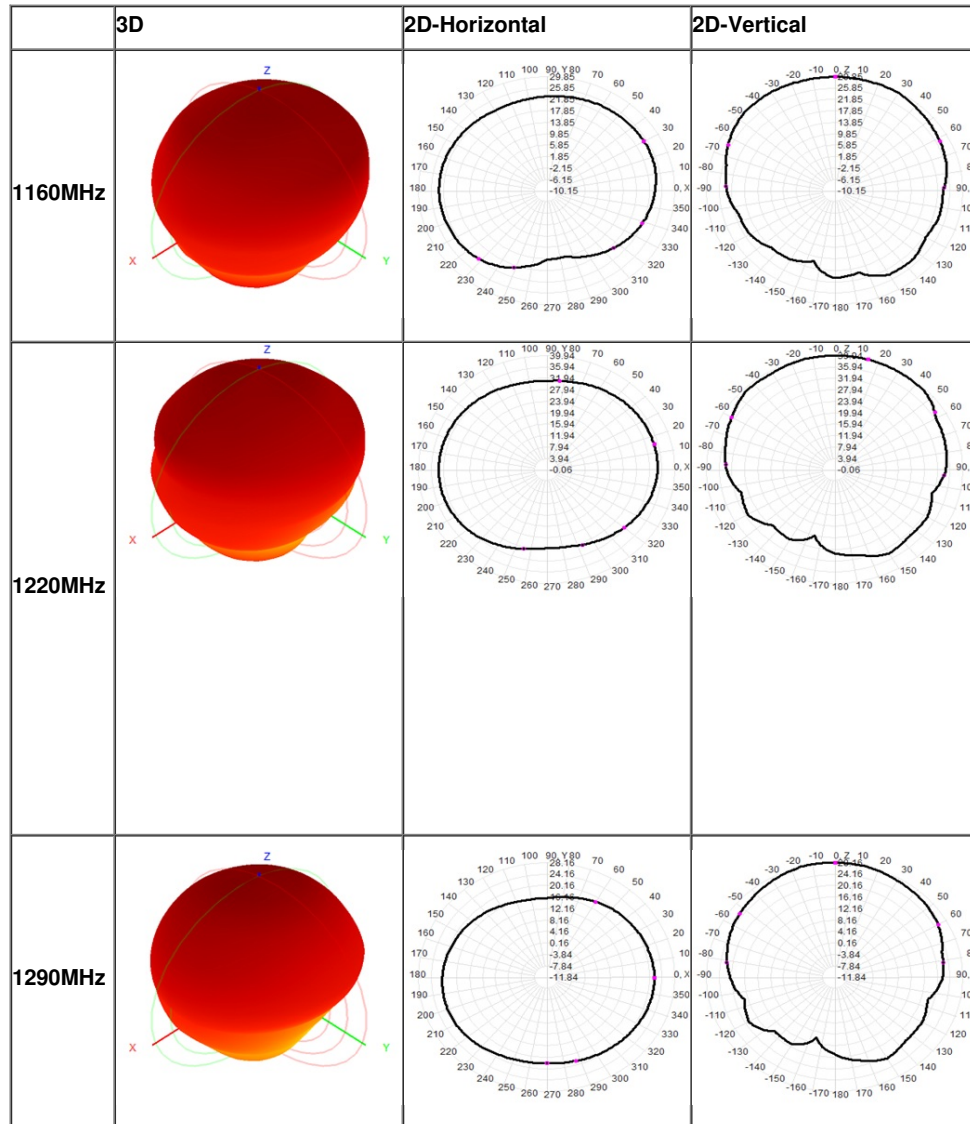


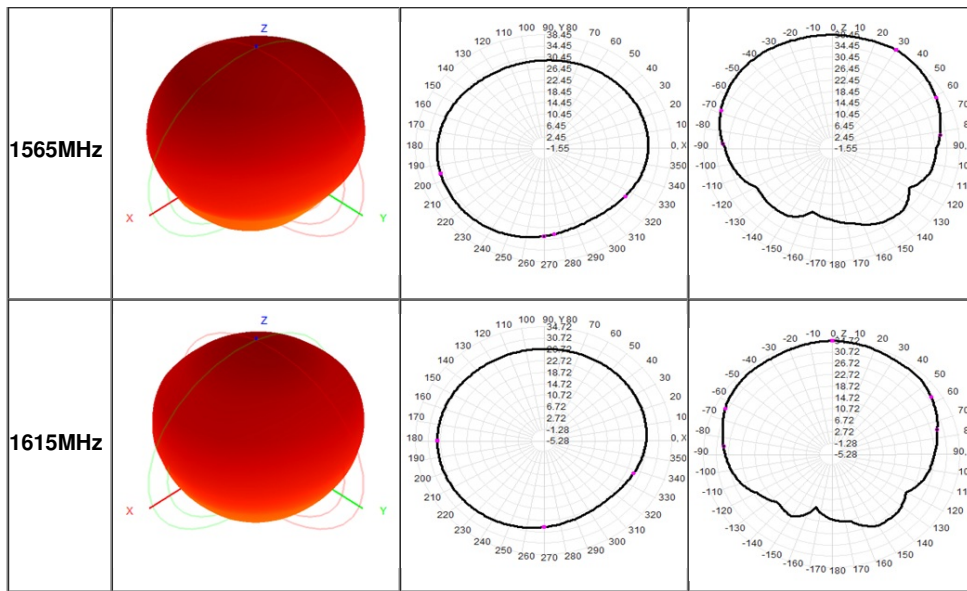
2.2 Total Efficiency & Gain:

Freq uenc y (MHz)	1160	1165	1170	1175	1180	1185	1190	1195	1200	1205	1210	1215	1220	1225	1230	1235	1240	1245	1250	1255	1260	1265	1270	1275	1280	1285	1290
Gain (dBi)	29.96	32.24	33.83	34.93	35.88	36.61	37.45	37.91	38.26	38.61	39.17	39.71	40.16	40.61	39.16	38.86	37.95	37.15	36.35	35.55	34.75	33.95	33.15	32.35	31.55	29.81	28.17

Frequ ency (MHz)	1525	1530	1535	1540	1545	1550	1555	1560	1565	1570	1575	1580	1585	1590	1595	1600	1605	1610	1615								
Gain (dBi)	33.85	34.59	35.53	36.37	37.21	37.95	38.49	38.84	39.19	37.84	37.58	37.32	36.97	36.62	36.27	35.92	35.57	35.22	34.87								

2.3 Radiation Pattern





Dongguan Leenz Electronics Co., Ltd



19200261653



sale01@leenz.com



leenzantenna.com

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