

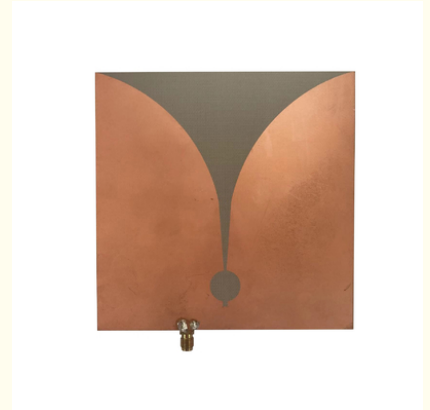


UWB PCB Outdoor Directional Antenna 600MHz-10GHz 9dBi 120x120x1

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: 24.02.05.009
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day

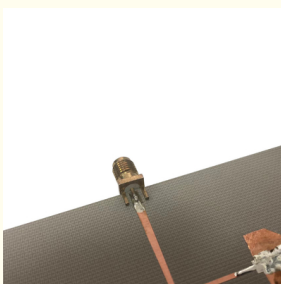


Product Specification

- Frequency: 600-960MHZ; 1710-8500MHZ; 8500-10GHz
- VSWR: <4.0/<2.5/<3
- Peak Gain: 1.6dBi/9dBi/7.6dBi
- Impedance: 50
- Highlight: 9dBi Outdoor Directional Antenna,
120x120x1 Outdoor Directional Antenna,
600MHz-10GHz Outdoor Directional Antenna



More Images



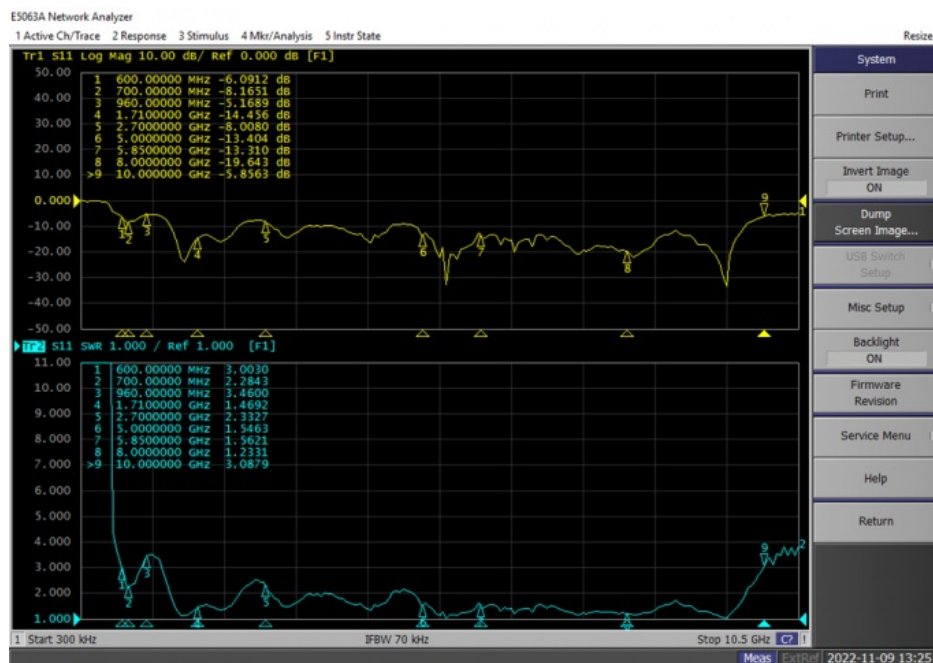
Product Description

1. Specification

A. Electrical Characteristics			
Frequency	600-960MHz	1710-8500MHz	8500-10000MHz
S.W.R.	<4.0	<2.5	<3.0
Antenna Gain	1.6dBi	9dBi	7.6dBi
Polarization	Vertical	Vertical	Vertical
Horizontal Beamwidth	95°- 115°	20°- 360°	25°- 75°
Vertical Beamwidth	93°- 150°	50°- 180°	60°- 90°
Impedance	50Ohm	50Ohm	50Ohm
Max. Power	50W	50W	50W
B. Material & Mechanical Characteristics			
Connector Type	SMA connector		
Dimension	120*120*1.0mm		
Weight	0.035Kg		
C. Environmental			
Operation Temperature	- 40 °C ~ + 85 °C		
Storage Temperature	- 40 °C ~ + 85 °C		
Operation Humidity	95%		

2. Antenna - S Parameter Test Data

2.1 VSWR

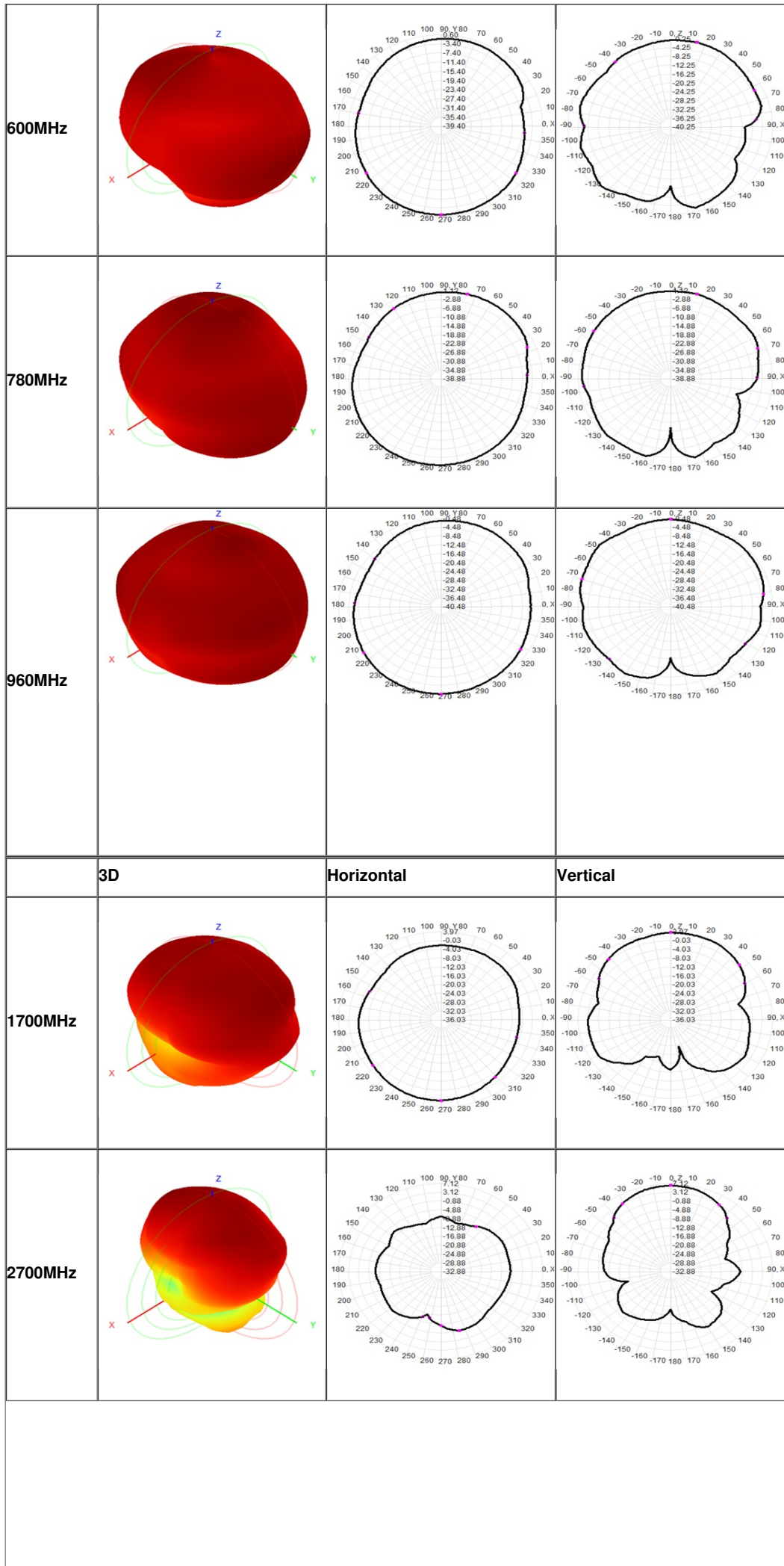


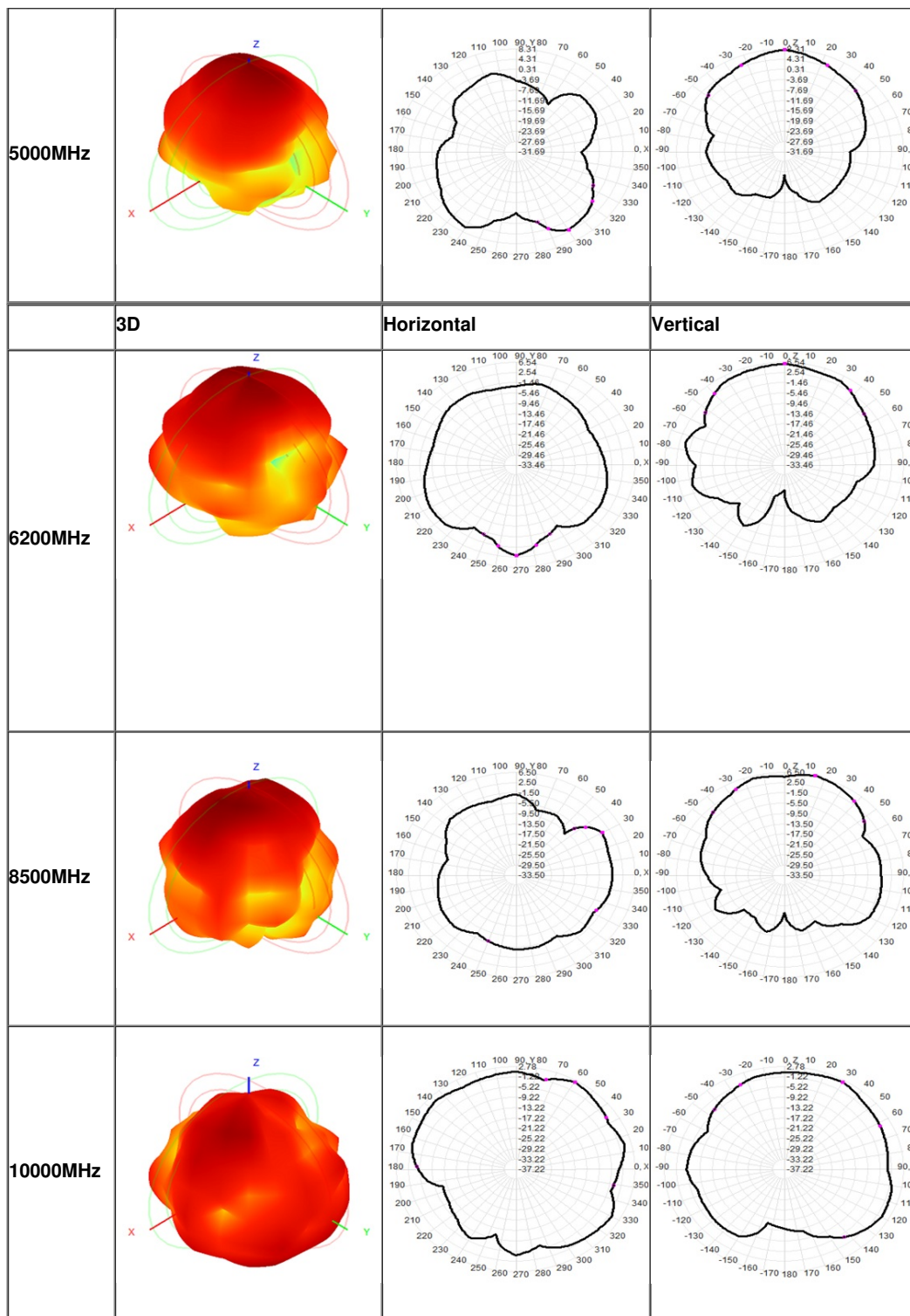
2.2 Total Efficiency & Gain:

600-7000MHz					
Frequency(MHz)	Gain(dBi)	Efficiency (%)	Frequency (MHz)	Gain (dBi)	Efficiency (%)
600.0	0.15	49.71	3400.0	7.40	78.16
630.0	0.18	44.32	3500.0	7.90	77.09
660.0	0.72	49.57	3600.0	7.63	80.42
690.0	0.79	54.08	3700.0	7.40	78.48
720.0	1.17	69.59	3800.0	7.84	83.95
750.0	1.58	78.87	3900.0	8.48	84.80
780.0	1.16	71.79	4000.0	8.02	87.32
810.0	0.92	60.78	4100.0	8.13	88.97
840.0	1.19	60.82	4200.0	8.01	88.79
870.0	0.50	57.04	4300.0	8.00	84.22
900.0	0.37	53.04	4400.0	7.78	82.22
930.0	0.03	57.47	4500.0	7.94	82.59
960.0	-0.48	51.24	4600.0	8.10	79.53
1000.0	0.55	60.06	4700.0	8.20	76.46
1100.0	-0.31	57.52	4800.0	8.21	77.22
1200.0	1.14	57.10	4900.0	8.58	83.48
1300.0	2.09	68.45	5000.0	8.53	82.04

[illegible]

	3D	Horizontal	Vertical





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