



4G5G 698-960/1710-5000MHz full-band omnidirectional indoor ceiling-mounted antenna

Our Product Introduction

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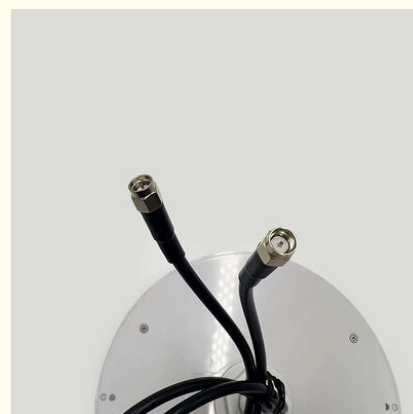
Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-12043-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 600-960MHz; 1710-5000MHz
- VSWR: <3.0
- Peak Gain: 3/5dBi
- Impedance: 50



More Images



Product Description

4G5G 698-960/1710-5000MHz full-band omnidirectional indoor ceiling-mounted antenna

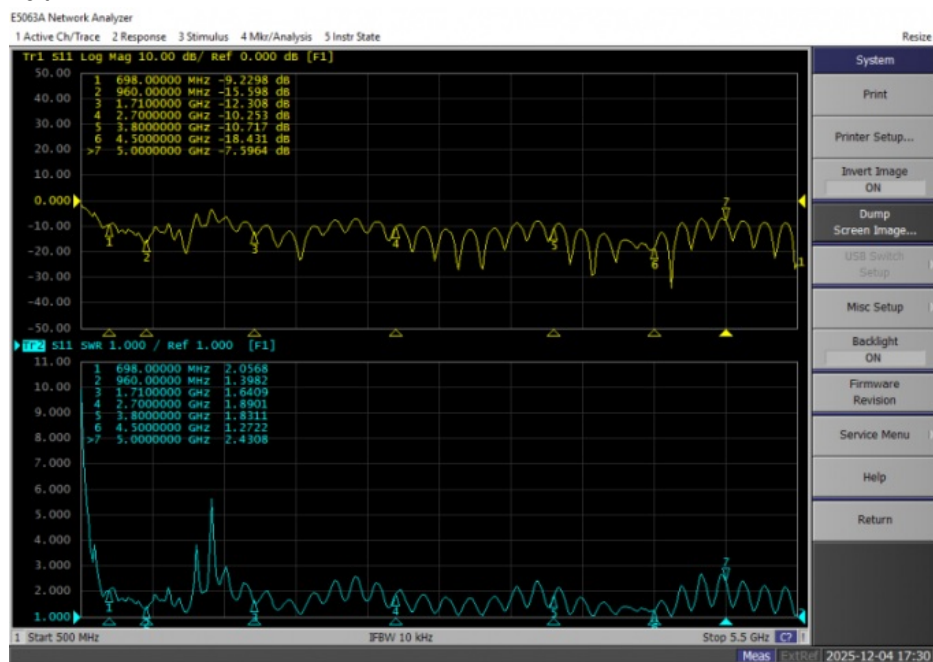
1. Specification

A. Electrical Characteristics		
Port	Port 1	Port 2
Frequency	600-960/1510-5000MHz	600-960/1510-5000MHz
Impedance	50 Ohm	50 Ohm
S.W.R.	<3.0	<3.0
Gain	3/5dBi	3/5dBi
Efficiency	≈75/60%	≈75/60%
Polarization	Linear	
Max Power	50W	
B. Material & Mechanical Characteristics		
Connector Type	RG58 L=500mm 2*SMA-J	
Dimension	Φ220*40mm	
Weight	0.35Kg	
Radome material	ABS	
C. Environmental		
Operation Temperature	- 40 °C ~ + 80 °C	
Storage Temperature	- 40 °C ~ + 80 °C	

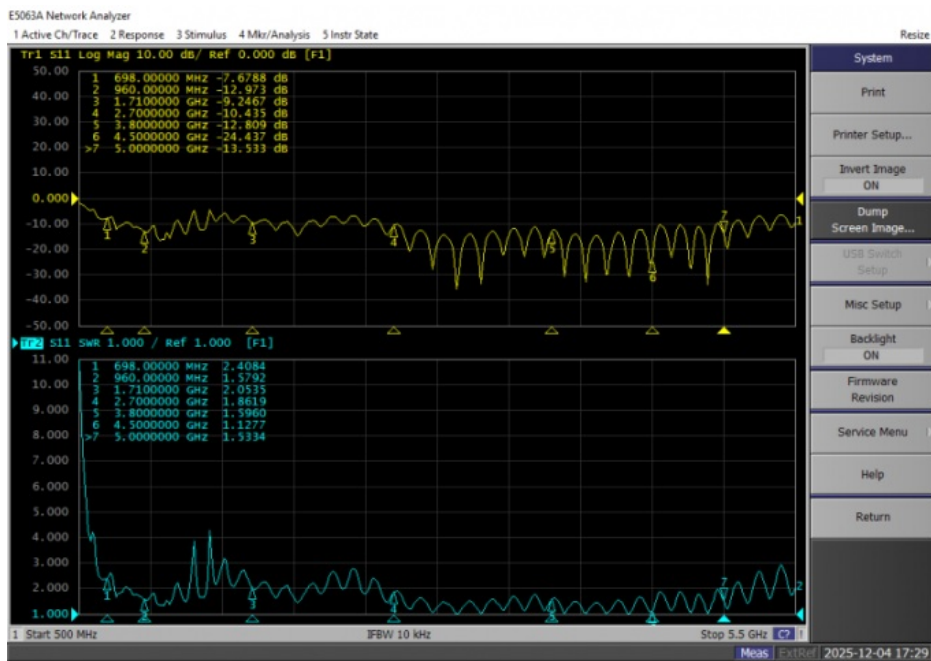
2. Antenna - S Parameter Test Data

2.1 VSWR

Port 1



Port 2

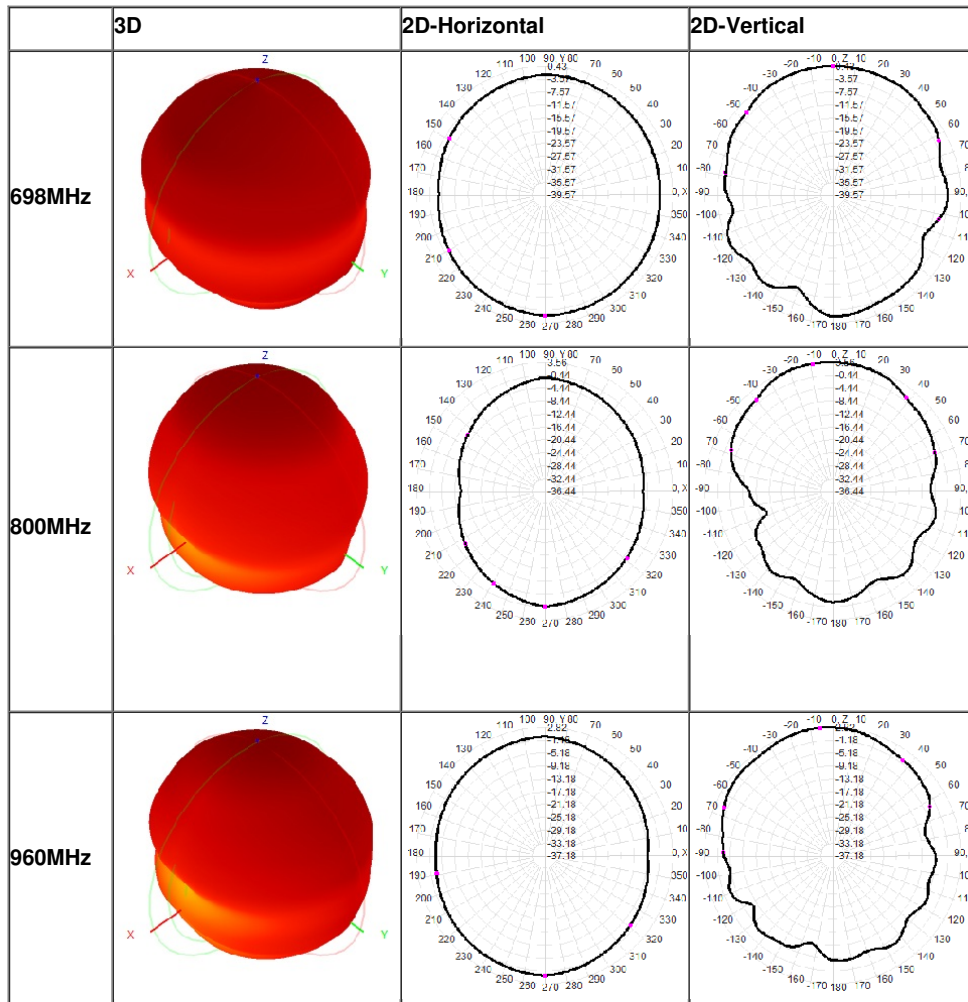


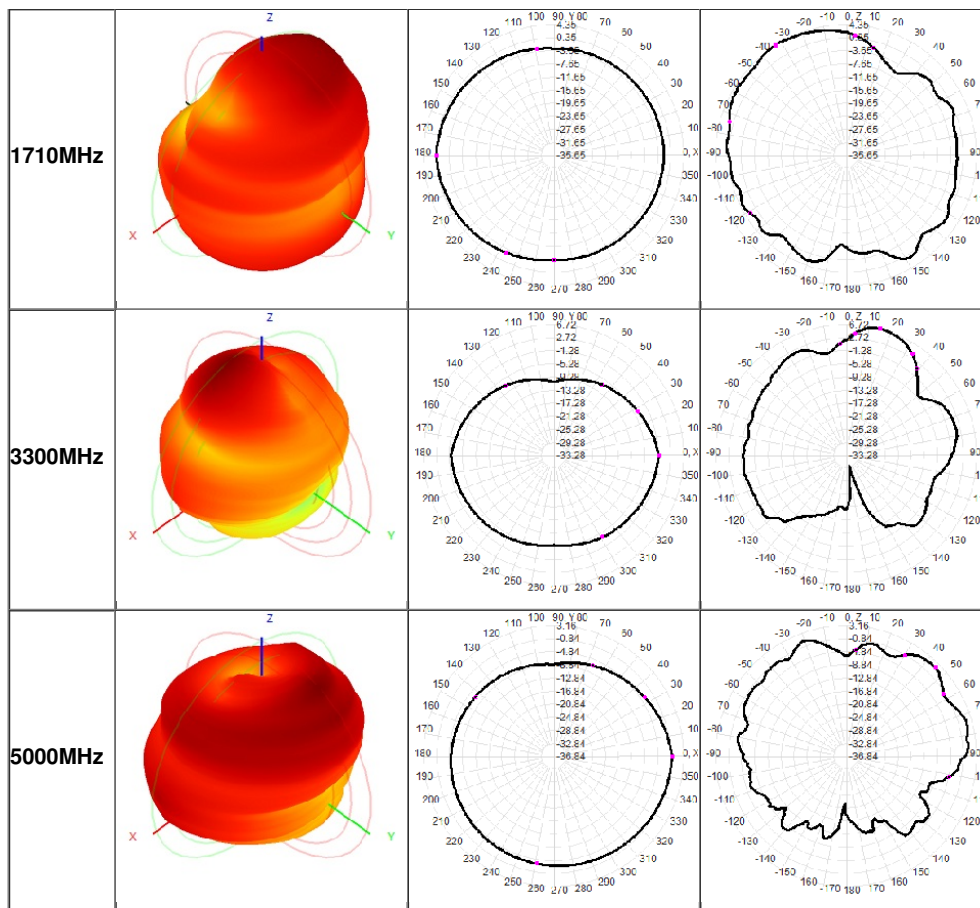
2.2 Total Efficiency & Gain:

Port 1					
Frequency(MHz)	Gain(dBi)	Efficiency(%)	Frequency(MHz)	Gain(dBi)	Efficiency(%)
698	0.4	54.0	1710	4.4	80.8
720	2.0	62.3	1800	3.9	78.1
740	4.2	75.0	1900	3.7	82.9
760	4.8	87.4	2000	4.0	83.3
780	4.4	87.8	2100	2.8	72.0
800	3.6	75.5	2200	3.4	70.8
820	4.3	81.2	2300	2.8	62.5
840	4.3	77.4	2400	2.8	64.2
860	4.4	78.2	2500	4.5	69.4
880	4.2	83.7	2600	3.9	57.5
900	3.0	73.7	2700	4.0	60.4
920	3.2	73.0	2800	4.7	63.5
940	2.7	75.3	2900	5.0	55.5
960	2.8	75.4	3000	5.4	61.6
			3100	5.5	64.9
			3200	5.5	56.9
			3300	6.7	58.5
			3400	5.6	47.2
			3500	5.2	46.1
			3600	4.6	49.2
			3700	3.0	47.8
			3800	2.5	59.6
			3900	3.8	71.1
			4000	2.8	59.2
			4100	2.8	64.2
			4200	2.9	57.9
			4300	3.3	52.8
			4400	2.6	50.2
			4500	2.6	50.2
			4600	3.7	52.7
			4700	2.3	39.8
			4800	2.1	41.5
			4900	3.6	53.3
			5000	3.2	47.9
Port 2					
Frequency(MHz)	Gain(dBi)	Efficiency(%)	Frequency(MHz)	Gain(dBi)	Efficiency(%)
698	0.3	49.3	1710	4.3	79.2
720	1.1	58.9	1800	3.7	67.8
740	2.4	68.5	1900	3.9	70.3

760	3.8	81.3	2000	3.5	74.4
780	3.9	82.3	2100	3.2	61.4
800	2.9	72.0	2200	3.4	56.9
820	3.4	77.0	2300	2.8	46.6
840	3.5	73.4	2400	3.5	51.8
860	3.7	71.3	2500	3.4	57.5
880	3.8	74.8	2600	2.9	54.1
900	1.6	67.4	2700	4.2	63.5
920	2.0	65.7	2800	4.9	65.5
940	2.8	71.1	2900	5.0	59.0
960	3.3	73.8	3000	5.3	59.9
			3100	5.6	61.0
			3200	5.5	61.2
			3300	5.6	67.4
			3400	5.7	69.9
			3500	6.6	79.1
			3600	5.9	72.1
			3700	4.9	67.6
			3800	4.5	73.0
			3900	4.3	78.6
			4000	2.8	69.2
			4100	3.4	78.4
			4200	4.3	78.2
			4300	3.4	70.8
			4400	3.3	72.4
			4500	4.0	80.8
			4600	3.3	74.0
			4700	2.4	59.7
			4800	3.0	65.1
			4900	4.3	69.0
			5000	4.0	63.3

2.3 Radiation Pattern





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