



4G Lte Embedded Antenna Design Built In Antenna 4G FPC Antenna MHF1 Plug 1.13 Cable 30×20mm

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10176-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 700-960MHz; 1710-2700
- VSWR: <4.6
- Peak Gain: 4.2dBi
- Impedance: 50 OHM
- Highlight: embedded antenna design,
4G Lte Embedded Antenna, 4G FPC Antenna



Product Description

4G LTE Embedded Antenna Built In Antenna FPC Antenna MHF1 Plug 1.13 Cable 30x20

1. Specification

A. Electrical Characteristics

Frequency	700-960MHz	1710-2700MHz
S.W.R.	<4.6	<2.0
Antenna Gain	2.3dBi	4.2dBi
Efficiency	≈50%	≈50%
Polarization	Linear	
Impedance	50 Ohm	
Max Power	50W	

B. Material & Mechanical Characteristics

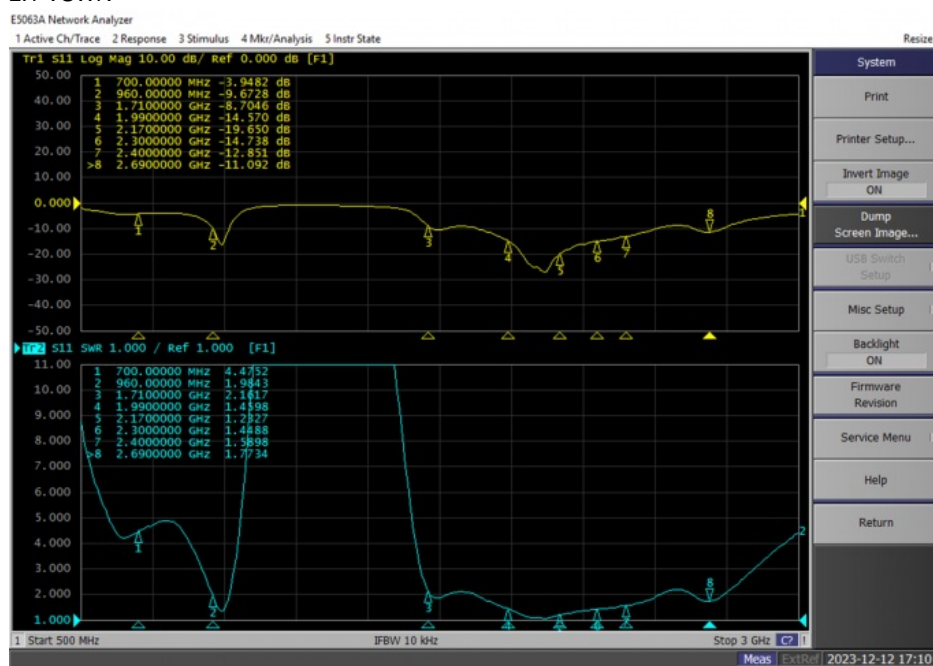
Cable Type	RF1.13 Cable
Connector Type	MHF1 Plug
Dimension	30*20mm
Weight	0.001Kg

C. Environmental

Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C

2. Antenna - S Parameter Test Data

2.1 VSWR

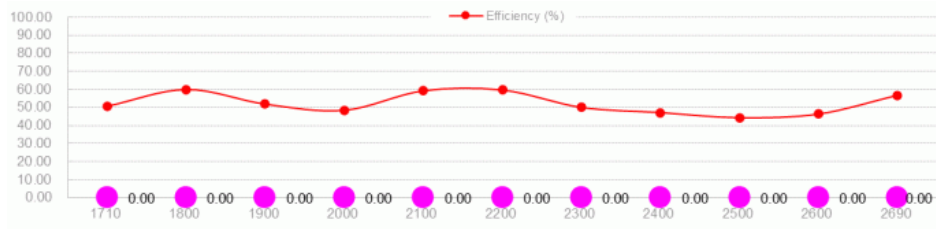


2.2 Total Efficiency & Gain:

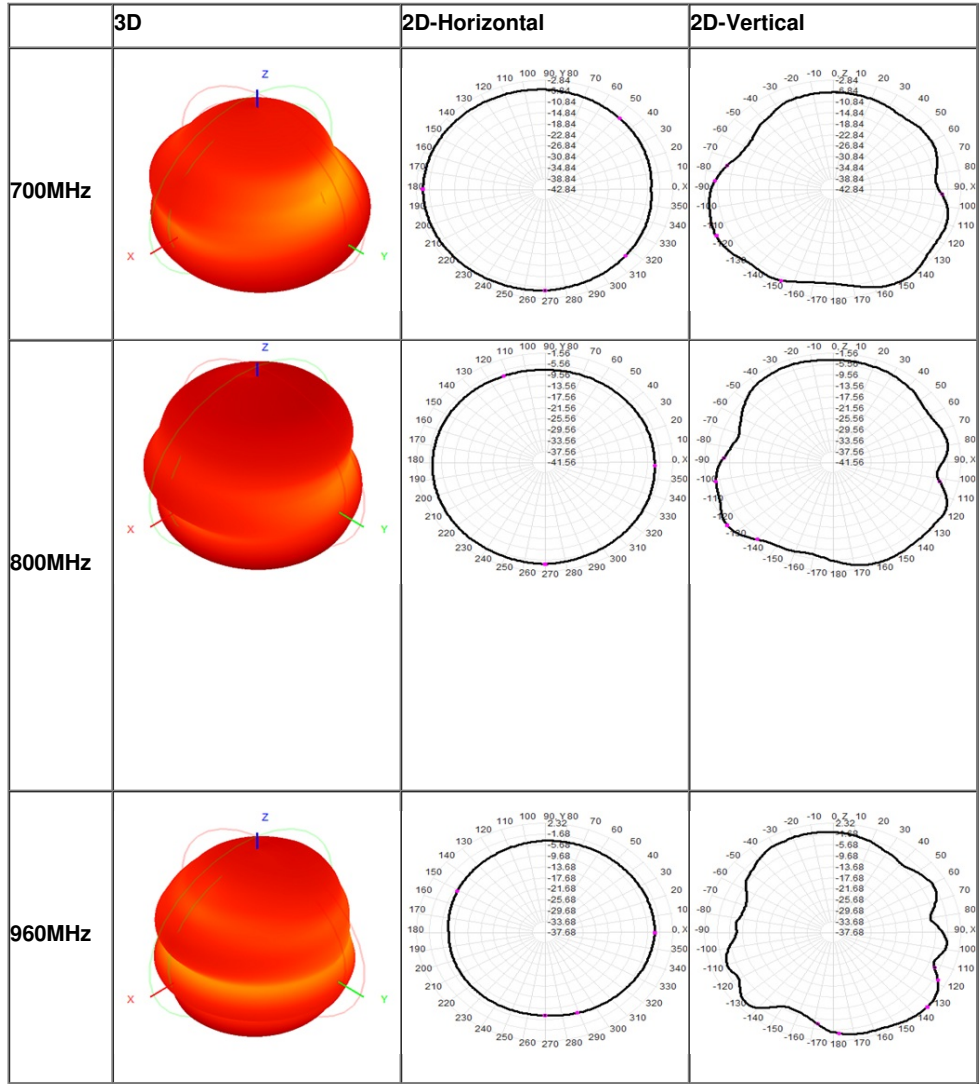
Frequency (MHz)	700	720	740	760	780	800	820	840	860	880	900	920	940	960
Gain (dBi)	-2.84	-2.87	-2.46	-2.16	-2.42	-1.56	-1.41	-1.77	-1.76	-1.08	-0.36	0.28	2.17	2.32

Efficiency (%)	23.35	23.42	27.17	31.02	30.82	33.02	33.33	29.57	27.9	31.83	36.31	38.3	53.76	55.32
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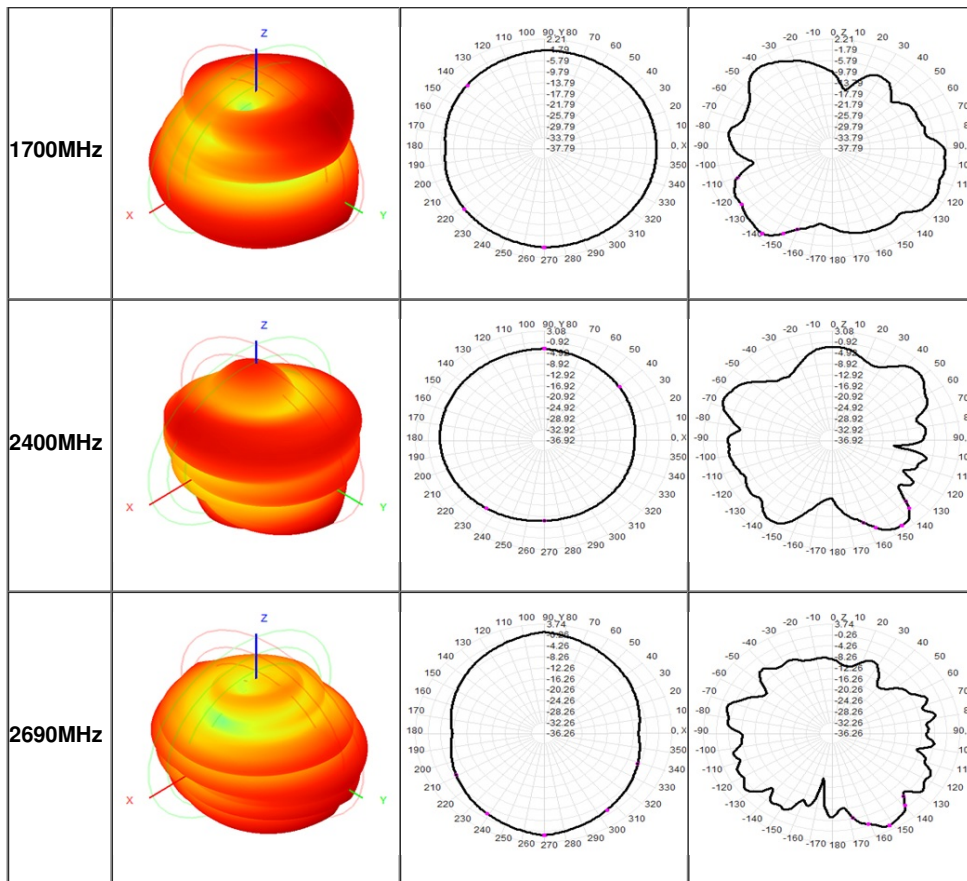
Frequency (MHz)	1710	1800	1900	2000	2100	2200	2300	2400	2500	2600	2690
Gain (dBi)	2.21	3.01	3.06	3.27	4.23	3.68	2.97	3.08	3.18	3.67	3.74
Efficiency (%)	50.59	59.86	51.75	48.32	59.14	59.57	49.95	47.05	44.23	46.24	56.66



2.3 Radiation Pattern



	3D	2D-Horizontal	2D-Vertical



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