

# QuOmni LTE MIMO 4x4

## Omnidirectional multiband LTE MIMO 4x4 antenna

QuOmni LTE omnidirectional MIMO 4x4 LTE antenna is working in Vertical polarization, it's desired for LTE/3G/2G connections. The antenna can be used for the most popular LTE bands (e.g. 3,7,20), frequencies 694-2700 MHz. That antenna is predicted to be installed on the buildings (on the pole or on the wall) as the client antenna or on the moving points like trains, buses, lorries, yachts, boats to receive Internet by LTE/3G. It's compatible with Teltonika: RUT240, RUT900, RUT950, RUT955, RUTX09, RUTX11 and other MIMO 4x4 LTE/3G/2G modems and routers.

**WE REGRET TO INFORM YOU THAT THE PRODUCT HAS REACHED ITS END OF LIFE (EOL). A NEWER AND BETTER VERSION IS NOW OUT. CHECK IT OUT HERE: [QuOmni 5G/LTE Global MIMO 4x4](#)**

**END OF LIFE**

**4G**  
LTE

**4x4 MIMO**

**694-2700MHz**

**4 dBi**

**OMNI DIRECTIONAL**

**IP 68**

**-40° TO +80°**



OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP68



GALVANIZED STEEL, WALL OR POLE MOUNTING BRACKET



FOUR SMA CONNECTORS



360° BEAMWIDTH



4DBI GAIN



## LTE ANTENNA SPECIFICATION

<b>FREQUENCY</b>	694 - 960 MHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz
<b>GAIN</b>	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.5 - 2.7 GHz : 3 dBi
<b>SUPPORTED LTE/5G BANDS</b>	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 44, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n86, n89, n95, n98, n100, n101, n255
<b>VSWR</b>	<1.50, max <2.50
<b>BEAMWIDTH</b>	360°/25° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

<b>MATERIALS</b>	ABS, aluminum, PTFE
<b>INGRESS PROTECTION</b>	IP68
<b>DIMENSIONS</b>	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
<b>WEIGHT</b>	1.5 kg 3.31 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 80°C From -40°F to 176°F
<b>CABLE LENGTH</b>	5m (P/N: AOLM4) or 10m (P/N: AOLM4-1) or Nf connector (P/N: AOLM4-N)
<b>CABLE TYPE</b>	LMR195 white
<b>CONNECTOR TYPE</b>	4x SMA
<b>MAST DIAMETER</b>	25-66 mm 0.98-2.60 inch

## FREQUENCY BANDS

**LTE / 4G GSM**

	5	8	12	13	14	17	18	
617 MHz	19	20	26	27	28	29	44	960 MHz
	67	68	85	103	n81	n82	n83	
	n89	n100						

**LTE / 4G UMTS**

	1	2	3	4	9	10	25	
1710 MHz	33	34	35	36	37	39	n80	2170 MHz
	n84	n86	n95	n98	n101			

**LTE / 4G**

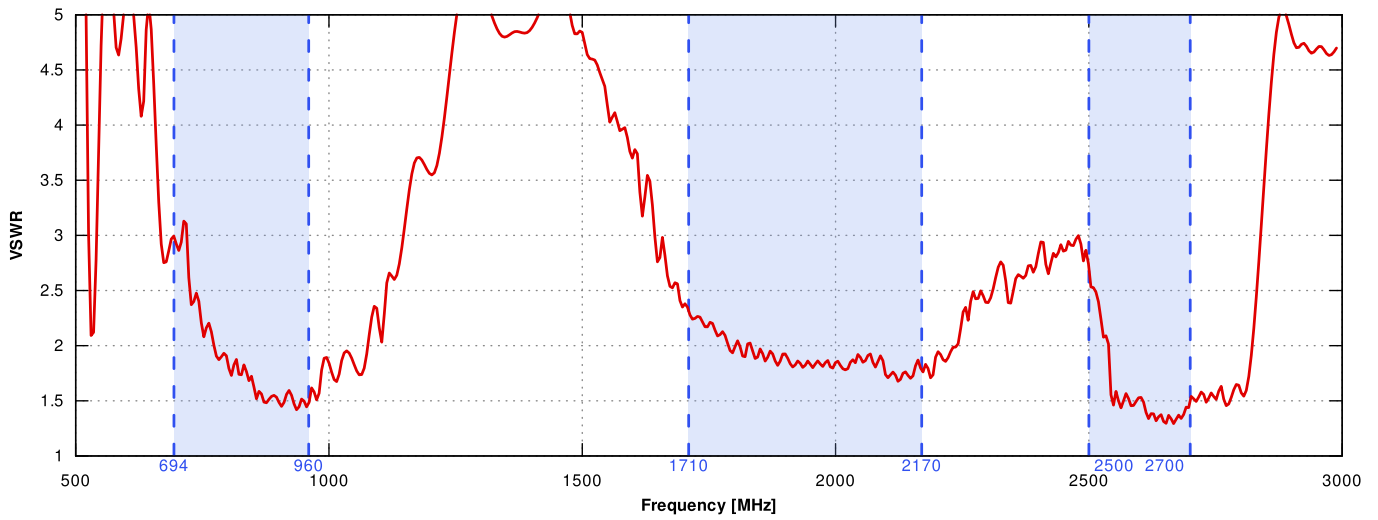
2400 MHz	7	38	69					2700 MHz
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## COMPATIBLE ROUTERS

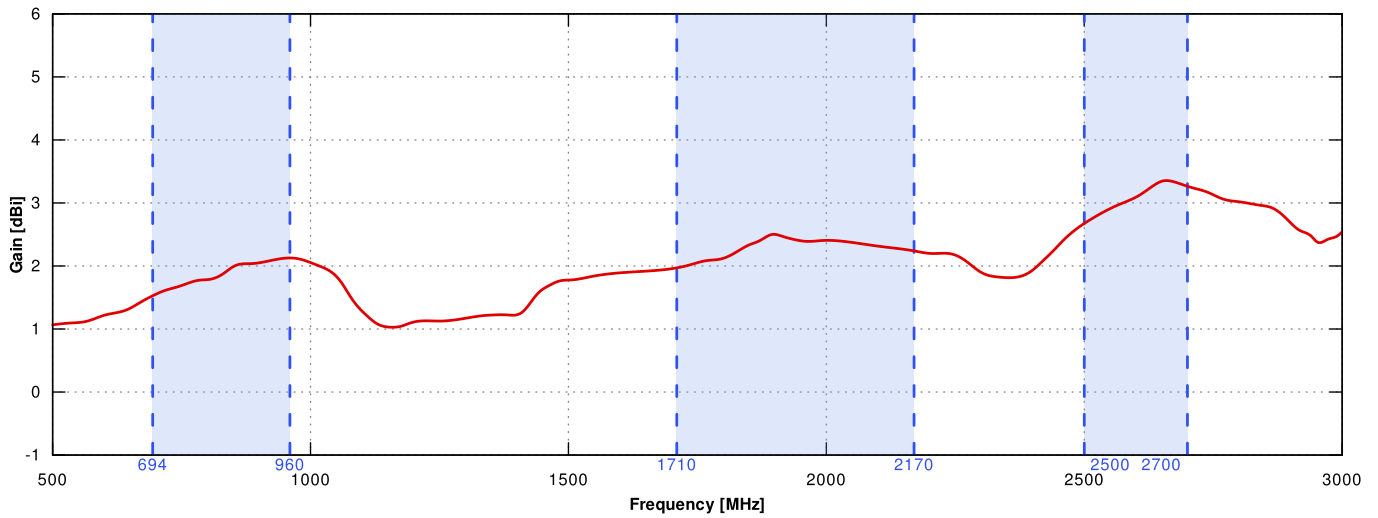
VARIANTS: AOLM4, AOLM4-1

# PLOTS

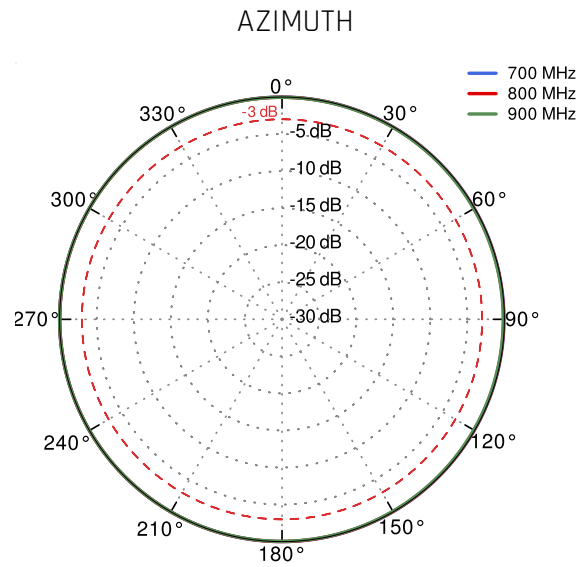
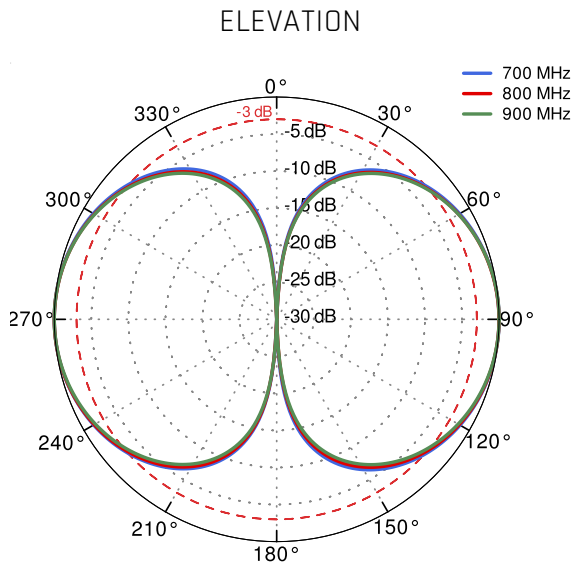
## VSWR



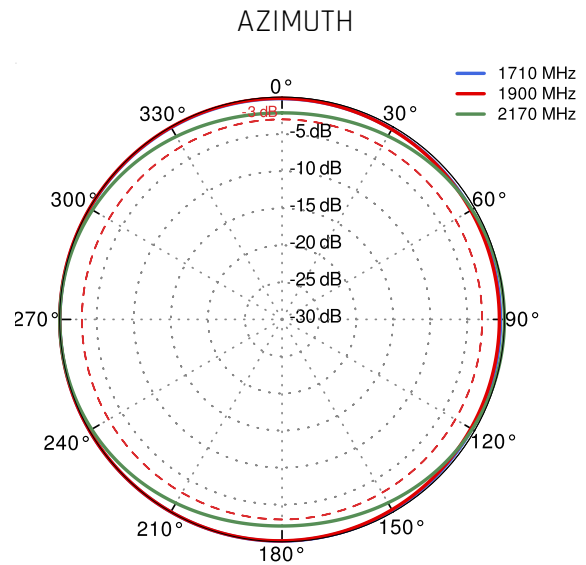
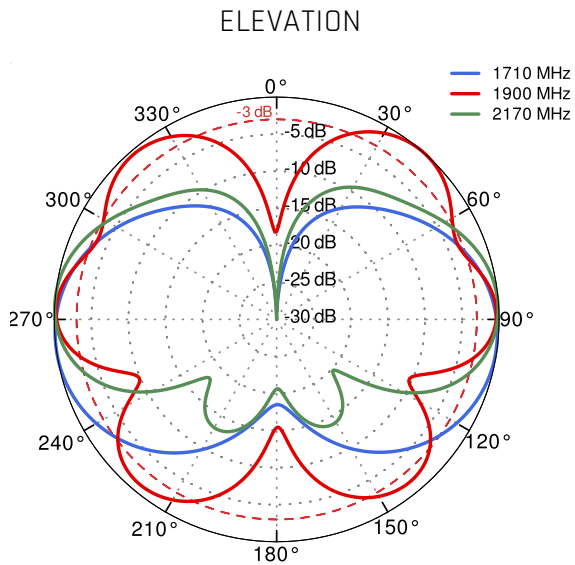
## Gain



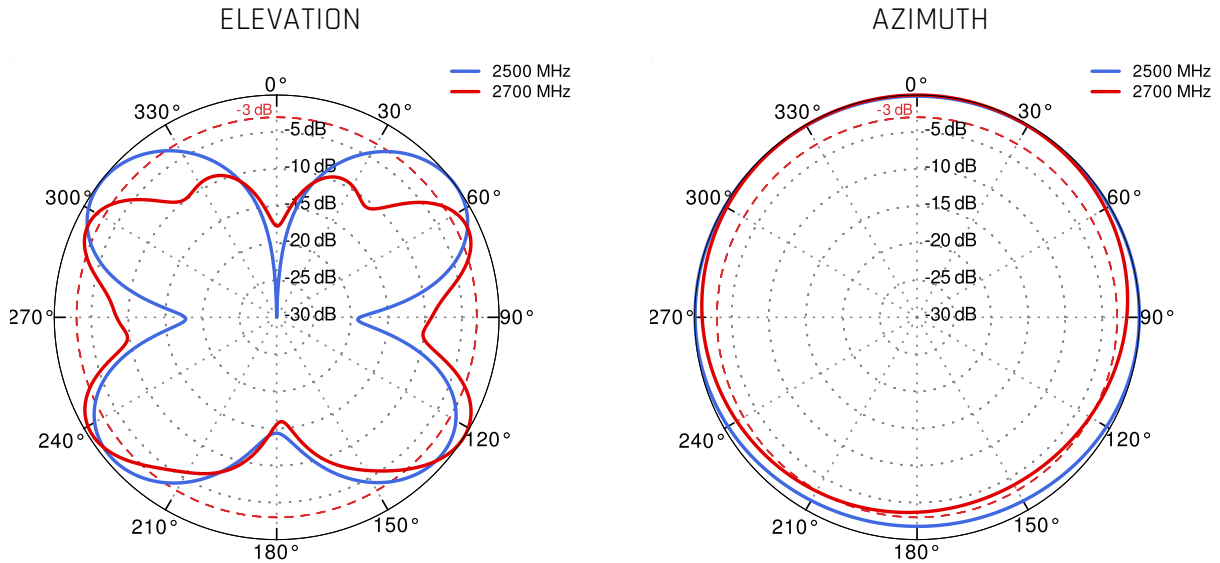
### From 700MHz to 900MHz



### From 1.71GHz to 2.17GHz



From 2.5GHz to 2.7GHz



## DIMENSIONS

