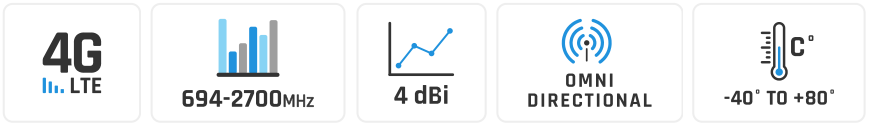
QuOmni 4G/LTE Nm

QuOmni 4G/LTE Nm offers a 360 degrees, 4dBi gain signal. It is a perfect indoor and outdoor device for industrial installations.

QuOmni 4G/LTE Nm is a 4G and LTE, Vertical polarity, omni antenna. It with up to 4dNBi gain. This antenna is predicted to be installed as the hotspot in parks, stadiums, warehouses, production halls, malls, lecture halls or another public places. Its aesthetic design is acceptable in most of the visible places. Wide frequency range helps to find suitable frequency for the most effective operation. The antenna comes with built-in Nm connector.



LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
SUPPORTED LTE/5G BANDS	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, n256
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 3 dBi
VSWR	<1.50, max <2.50
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR TYPE	N male
DIMENSIONS	ø3.0 x 22.0 cm ø1.18 x 8.66 inch
WEIGHT	0.2 kg
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

FREQUENCY BANDS

LTE / 4G GSM	617 MHz	5	8	12	13	14	17	18	960 MHz
		19	20	26	27	28	29	44	
		67	68	85	103				
LTE / 4G UMTS	1710 MHz	1	2	3	4	9	10	25	2170 MHz
		33	34	35	36	37	39	n80	
		n84	n86	n95	n98	n101			
LTE / 4G	2400 MHz	7	38	69					2700 MHz

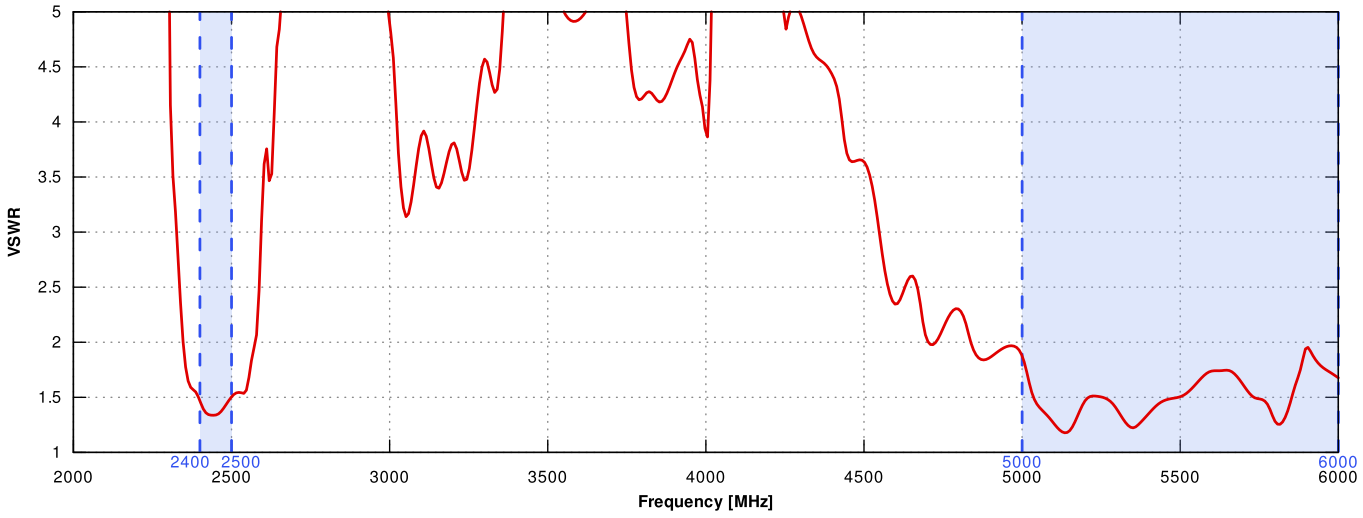
COMPATIBLE ROUTERS

VARIANT: AOL01

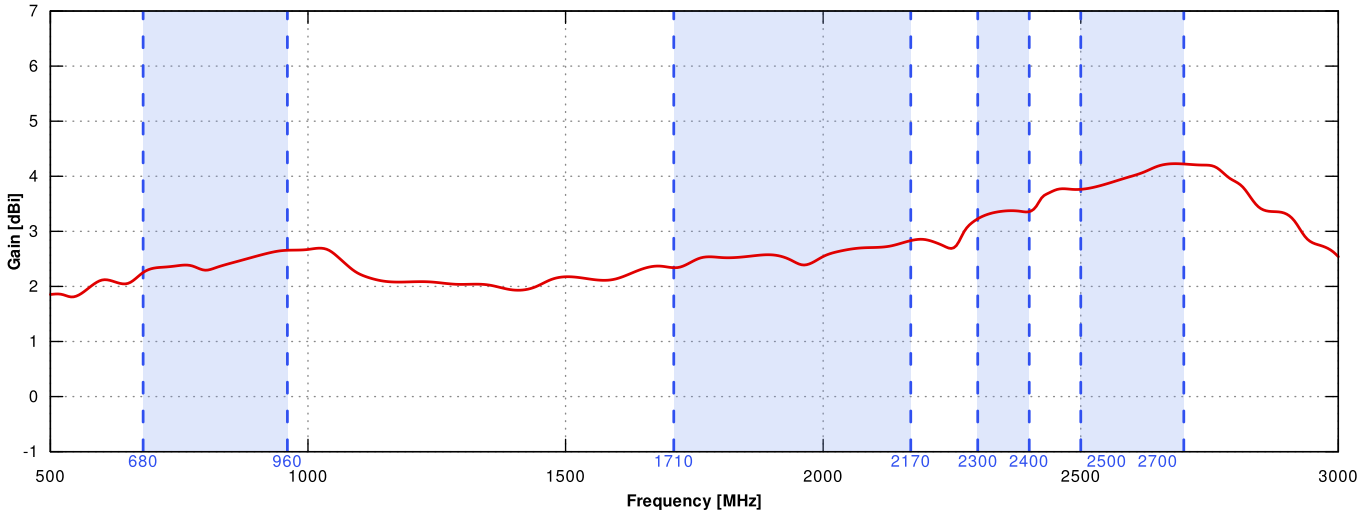
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

PLOTS

VSWR



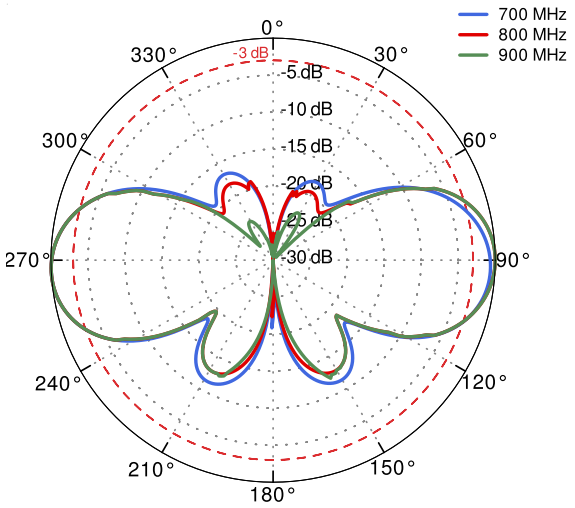
Gain



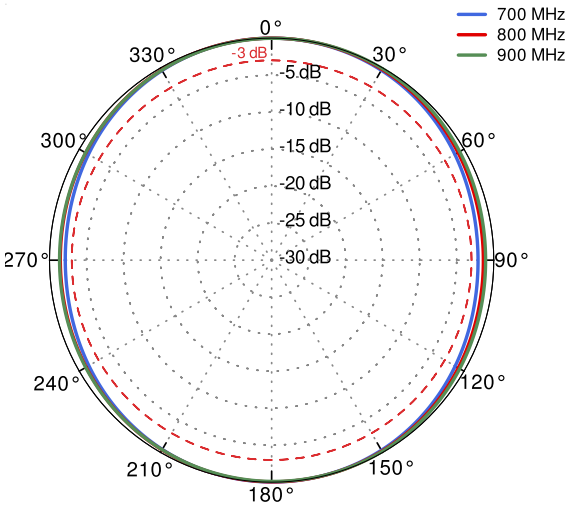
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

LTE from 700MHz to 900MHz

ELEVATION

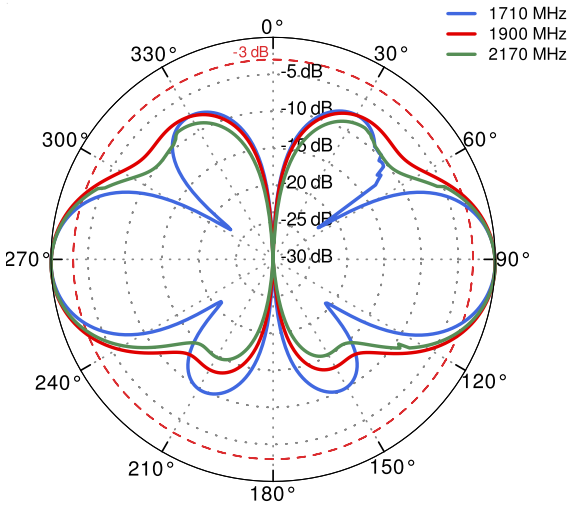


AZIMUTH

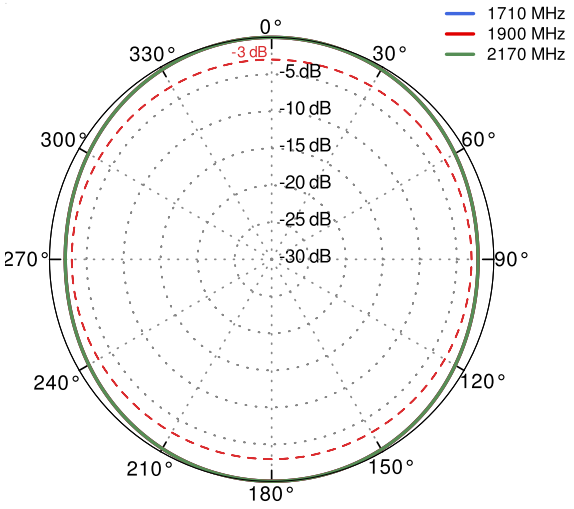


LTE from 1.71GHz to 2.17GHz

ELEVATION



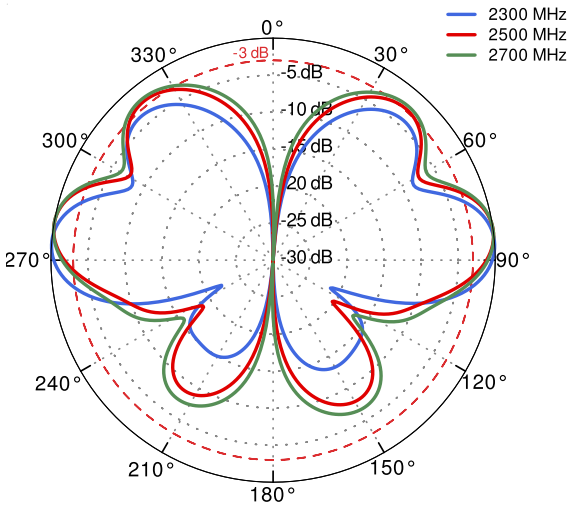
AZIMUTH



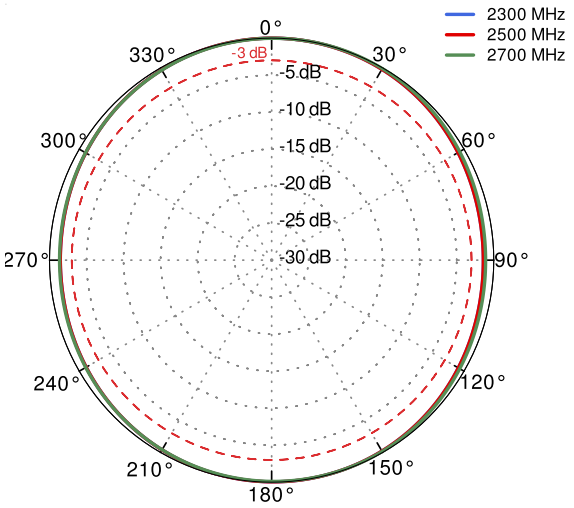
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

LTE from 2.3GHz to 2.7GHz

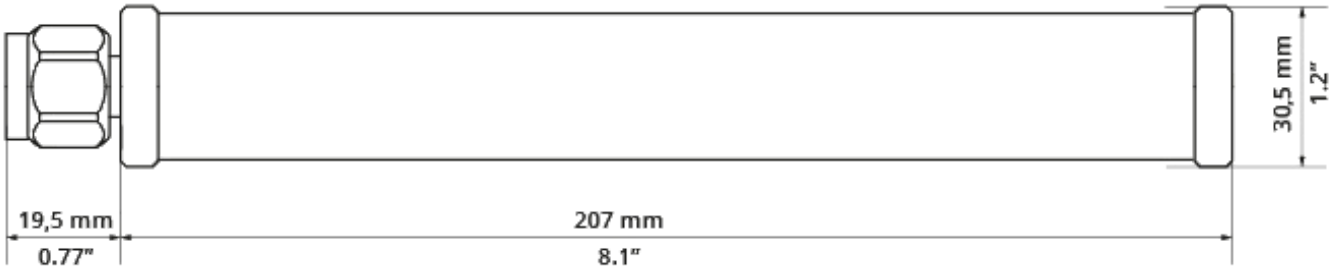
ELEVATION



AZIMUTH



DIMENSIONS



QuWireless
WWW.QUWIRELESS.COM
Sales email: sales@quwireless.com **Tel:** +48 513 900 416
Support email: support@quwireless.com **Website:** www.quwireless.com
Address: Wireless Instruments Sp. z o.o., ul. Kościuszki 27, 52-116 Iwiny, Poland

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.