

QuOmni 5G/LTE Global MIMO 4x4 with GPS receiver

Omnidirectional ultra wideband 5G/LTE MIMO 4x4 antenna with GPS receiver

QuOmni 5G/LTE omnidirectional MIMO 4x4 is ultra wideband LTE Outdoor antenna. It's primary designed for LTE/5G/3G/2G devices which require high efficiency connections. The antenna covers many LTE bands including the new Extended LTE Band 71, frequencies: **617 - 6000MHz**. The mounting bracket allows the antenna 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/5G/3G/2G. It's ideal solution to use with all industrial and domestic 4x4 LTE modems and routers like: Teltonika, DIGI, Mikrotik, Robustel, Cisco, etc. It also has embedded GPS receiver.



5G / LTE ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
GAIN	617 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2.5dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	4x SMA
CABLE LENGTH	5 m

GPS RECEIVER ANTENNA SPECIFICATION

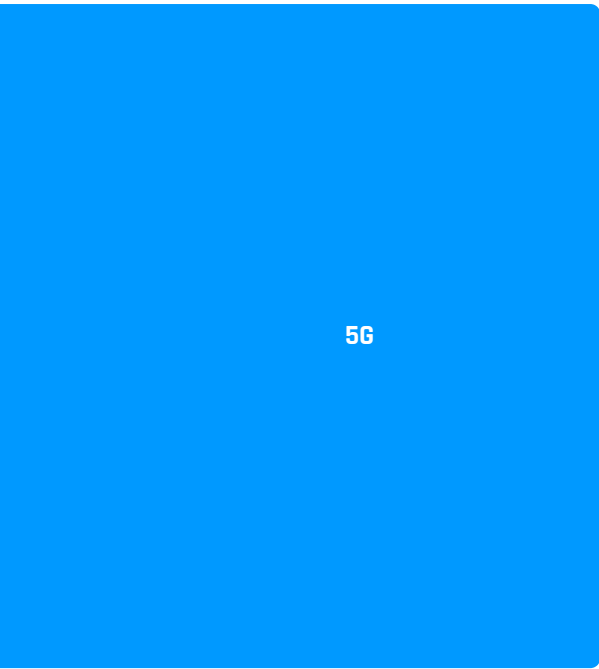
FREQUENCY	1.56 - 1.61 GHz
VSWR	< 2
GAIN	3 dBi
GAIN 3V	28 dBi
DC POWER INPUT	2.5 V ~ 6.5 V
POWER CONSUMPTION	2.5-6.5mA
IMPEDANCE	50 Ω
POLARIZATION	RHCP (right hand circularly polarized)
CONNECTOR	1x SMA
CABLE LENGTH	5 m

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
INGRESS PROTECTION	IP68
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	25-66 mm 0.98-2.60 inch

FREQUENCY BANDS

LTE / 4G	1	2	3	4	5	7	8	617 MHz	6000 MHz
	9	10	12	13	14	17	18		
	19	20	22	25	26	27	28		
	29	30	33	34	35	36	37		
	38	39	40	41	42	43	44		
	47	48	49	52	53	65	66		
	67	68	69	71	85	103	106		



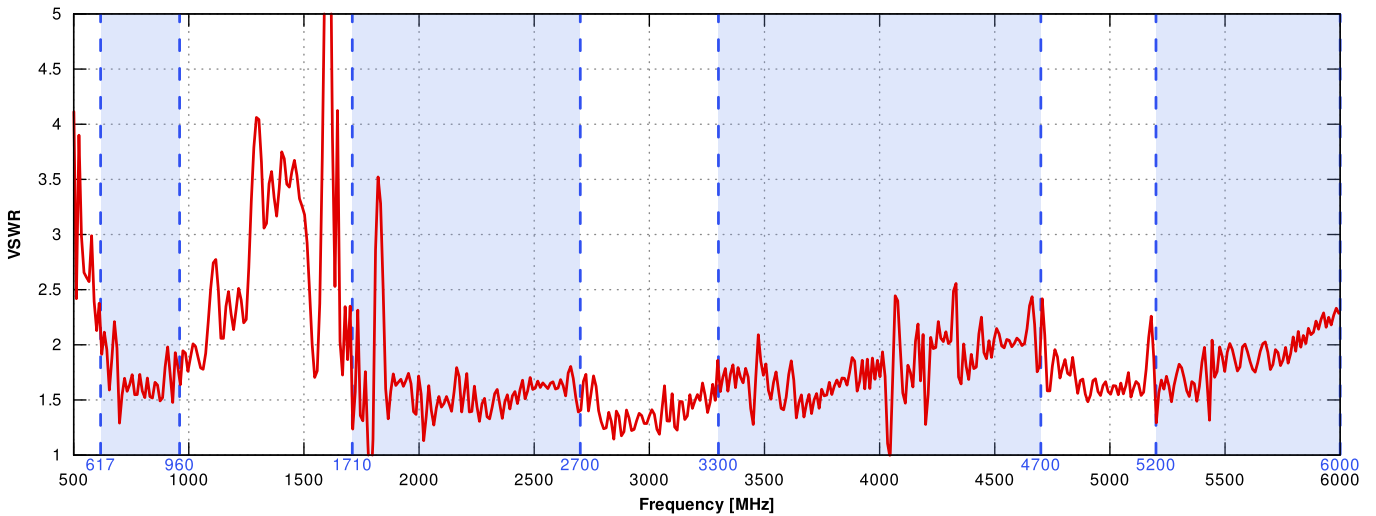
	n1	n2	n3	n5	n7	n8	n12	
	n13	n14	n18	n20	n25	n26	n28	
	n29	n30	n34	n38	n39	n40	n41	
617 MHz	n47	n48	n53	n65	n66	n67	n71	6000 MHz
	n77	n78	n80	n81	n82	n83	n84	
	n85	n86	n89	n90	n95	n97	n98	
	n100	n101	n256					

COMPATIBLE ROUTERS

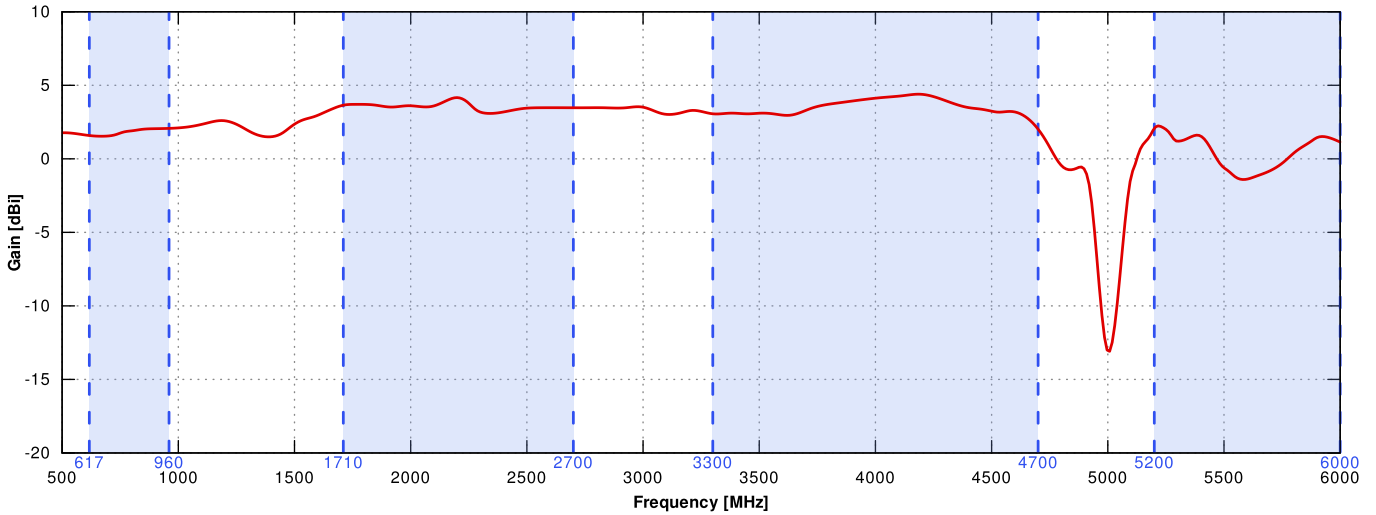
VARIANT: - _____

PLOTS

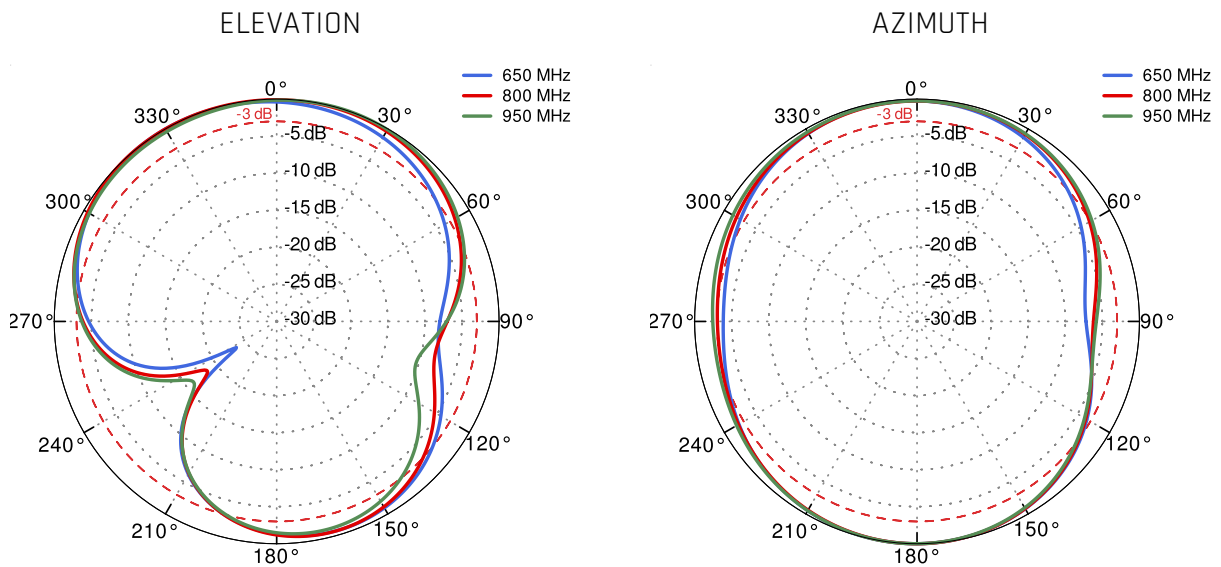
VSWR _____



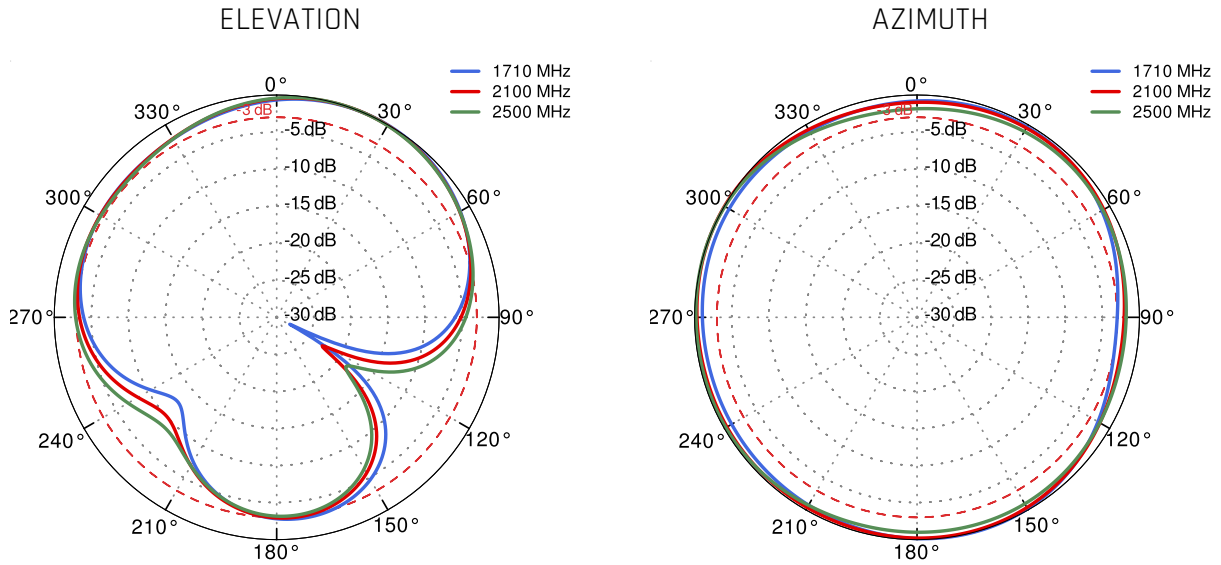
Gain



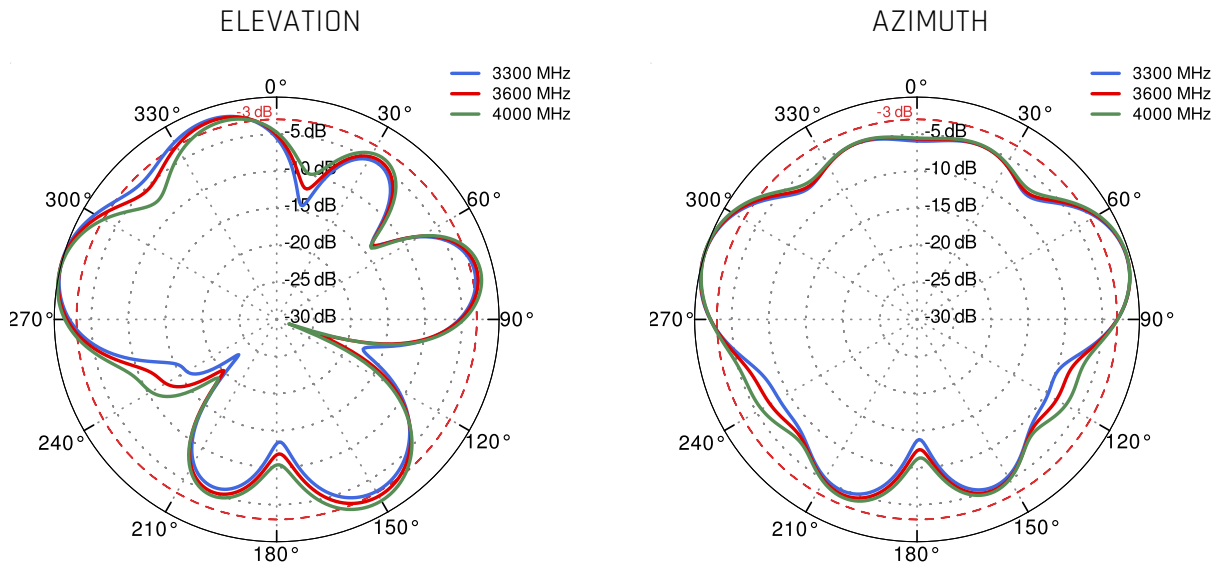
From 650MHz to 950MHz



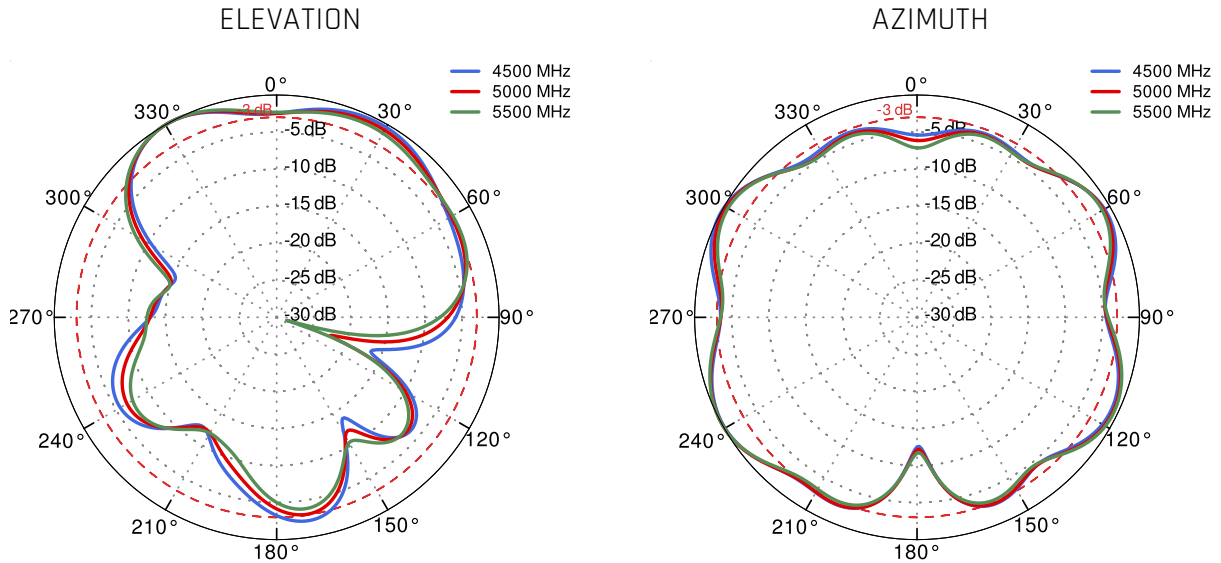
From 1.71GHz to 2.5GHz



From 3.3GHz to 4.0GHz



From 4.5GHz to 5.5GHz



DIMENSIONS

