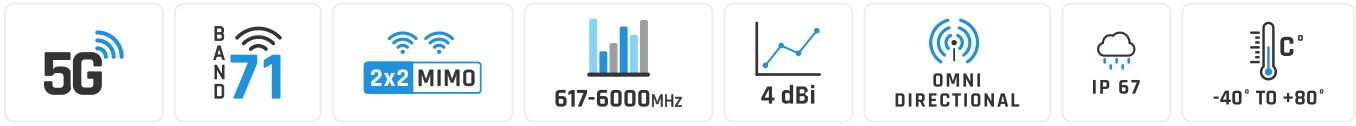
QuOmni 5G/LTE Global MIMO 2x2

Omnidirectional ultra wideband 5G/LTE MIMO 2x2 antenna

QuOmni 5G/LTE omnidirectional MIMO 2x2 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 2x2 LTE modems and routers like: Teltonika, DIGI, Mikrotik, Robustel, Cisco, etc.



- WIDE BAND 600-6000MHZ, 5G TECHNOLOGY
- GALVANIZED STEEL, WALL OR POLE MOUNTING BRACKET
- TWO SMA CONNECTORS
- 360° BEAMWIDTH
- 4.5DBI GAIN
- MADE IN **EUROPE**



5G AND 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/5G 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, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, n77, n78, n79, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

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MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	SMA
INGRESS PROTECTION	IP67
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

FREQUENCY BANDS

LTE / 4G GSM	617 MHz	5	6	8	12	13	14	17	960 MHz
		18	19	20	26	27	28	29	
		44	67	68	71	85	n81	n82	
		n83	n89						
LTE / 4G UMTS	1710 MHz	1	2	3	4	9	10	25	2170 MHz
		33	34	35	36	37	39	59	
		62	n80	n84	n86	n95			
LTE / 4G WCS DARS	2300 MHz	30	40						2400 MHz

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LTE / 4G	2400 MHz	7	38	41	53	69	n90	2700 MHz
LTE / 5G	3300 MHz	22	42	43	48	49	52	n78	3800 MHz

COMPATIBLE ROUTERS

VARIANTS: AO5G2-G, AO5G2-G1

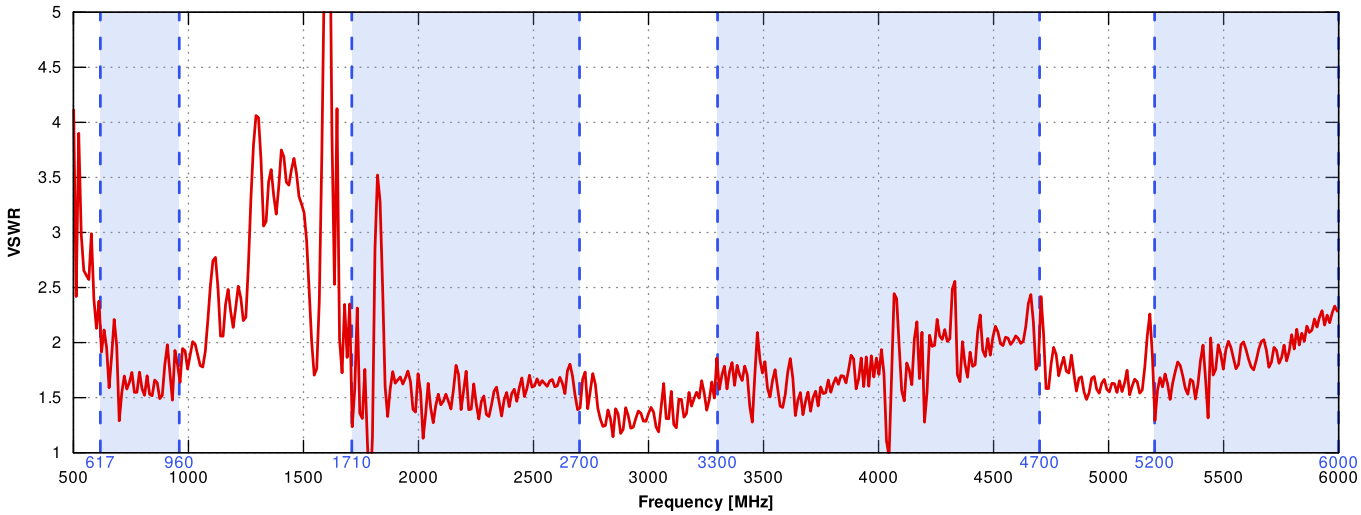
TELTONIKA	RUT200, RUT230, RUT240, RUT241, RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX09, RUTX11
DIGI	6310-DX, 6330-MX, EX12, EX15, IX10, IX20, WR31
ROBUSTEL	EG5100, LG5100, R1500, R1510, R1511, R1520 Global, R2010, R2011, R2110, R3000 Industrial, R3000 LG, R3000 Lite, R3000 Quad, R3010
SIEMENS	6GK5876-4AA00-2BA2, 6GK5876-4AA00-2DA2, 6GK5876-4AA10-2BA2
ANYBUS	Wireless Router WLAN
COMSET	CM210A-W, CM210Q-W, CM510Q-W, CM685T-W, CM685V-1, CM685V-4, CM685V-6, CM685V-6-G, CM820T-W, CM820V-4, CM820V-W
CRADLEPOINT	CBA550, E100, E102, IBR200, IBR600C, IBR900, L950
D-LINK	G415 AX1500, G416 AX1500, N300 4G
FORTINET	FEX-101F, FEX-201F, FEX-211E, FEX-212F
FOUR-FAITH	4G Cellular Router F-R100, Cellular Wireless Router F-R200, Dual-sim WiFi Router F3946, Industrial WiFi Router F3X36Q, LAN Port Router F3X26 V2, LTE Industrial Router F3X27 V2, LTE Wireless Router F3x36
PEPLINK	MAX BR1 Classic, MAX BR1 ENT, MAX BR1 M2M, MAX BR1 Mini, MAX BR1 MK2, MAX BR1 Pro, MAX BR1 Slim

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PROROUTE	H685 4G Router
SIERRA WIRELESS	AirLink LX40, AirLink LX60, AirLink MP70, AirLink RV50X, AirLink RV55, AirLink RX55
WAVETEL	W2400 LTE , W3600 4G/LTE Dual WAN, W3604 Multi-WAN, W3608 Multi-WAN, W421, W4600, W4600-S2
WLINK	G200, G510, G520, R210, R220, R520

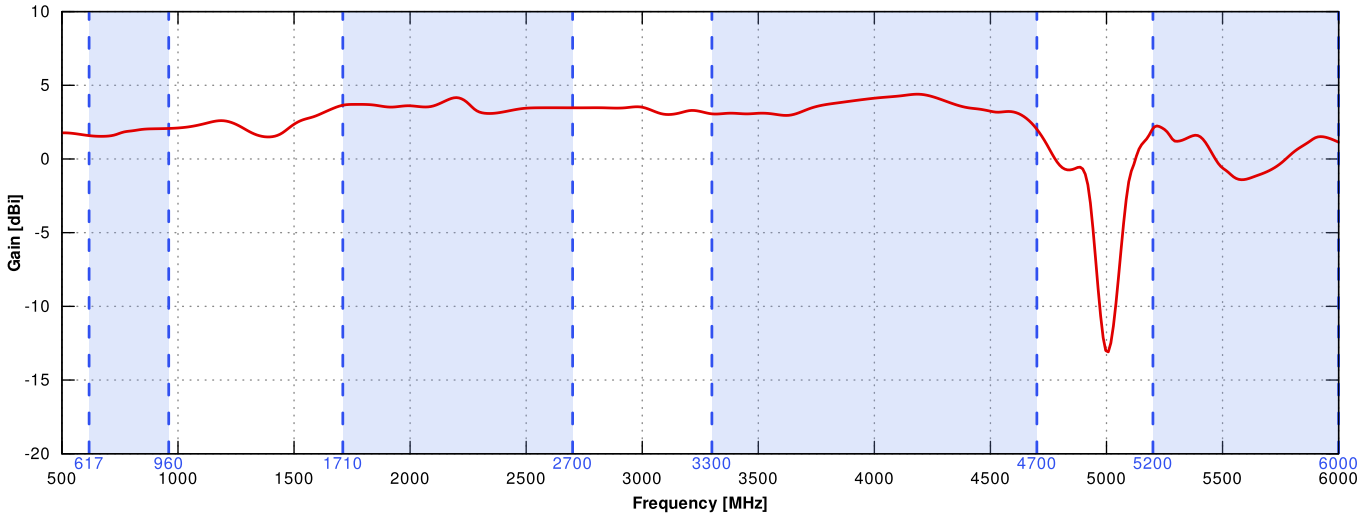
PLOTS

VSWR



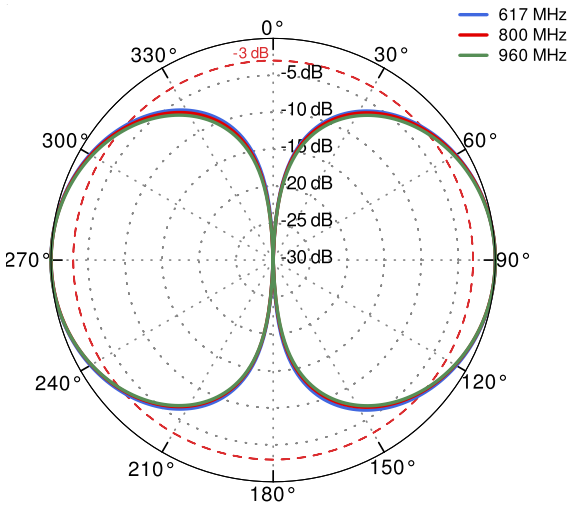
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Gain

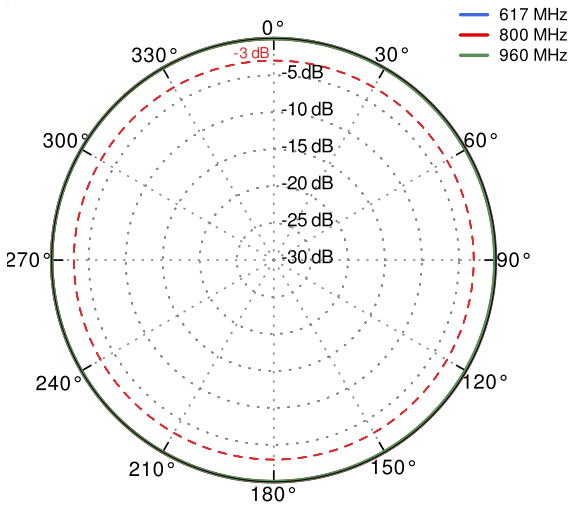


From 617MHz to 950MHz

ELEVATION



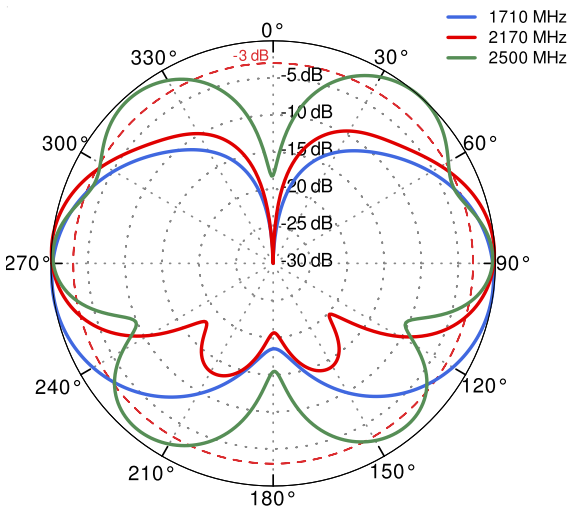
AZIMUTH



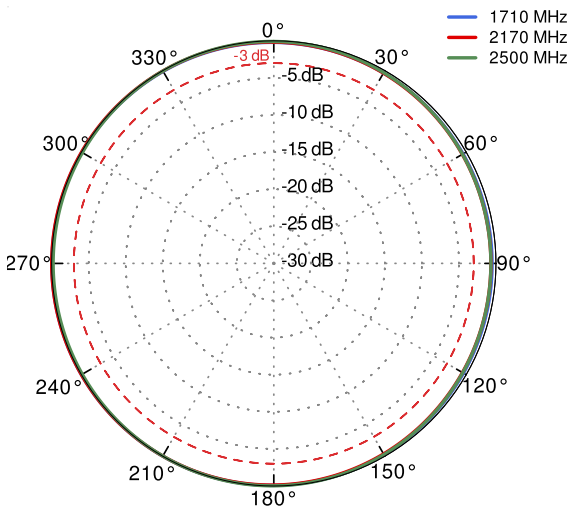
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From 1.71GHz to 2.5GHz

ELEVATION

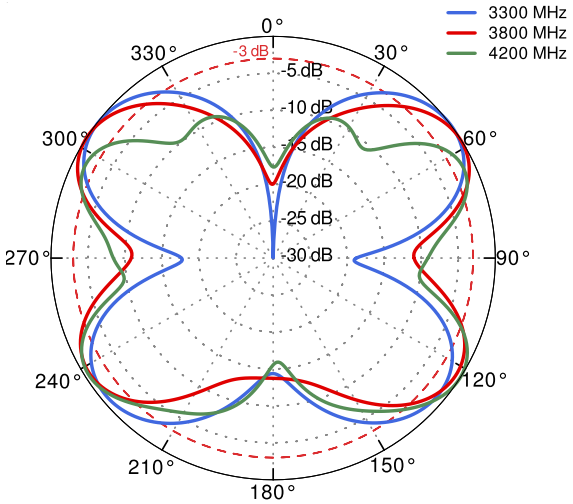


AZIMUTH

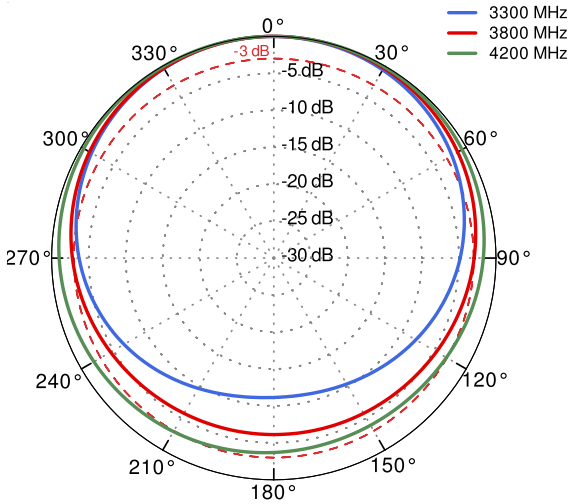


From 3.3GHz to 4.2GHz

ELEVATION



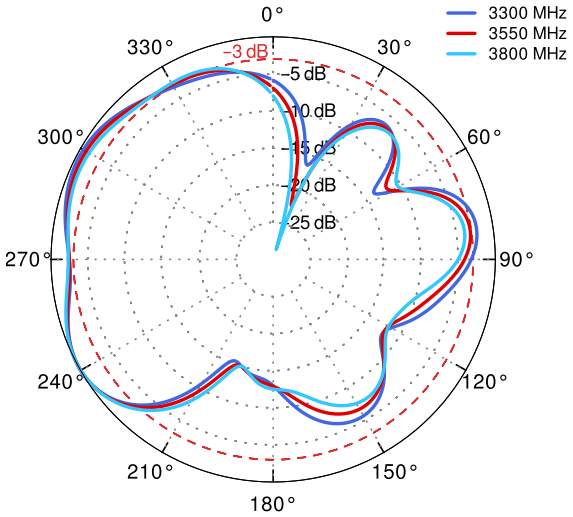
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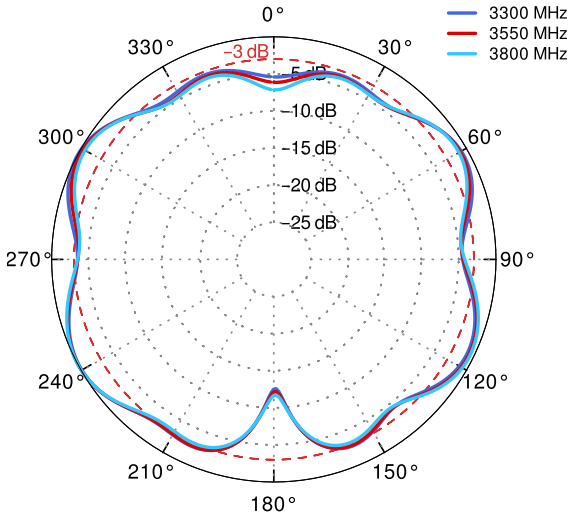
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From 5.2GHz to 6.0GHz

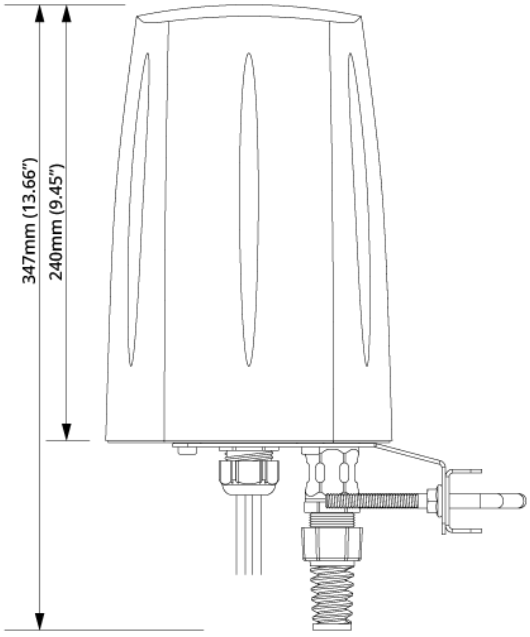
ELEVATION

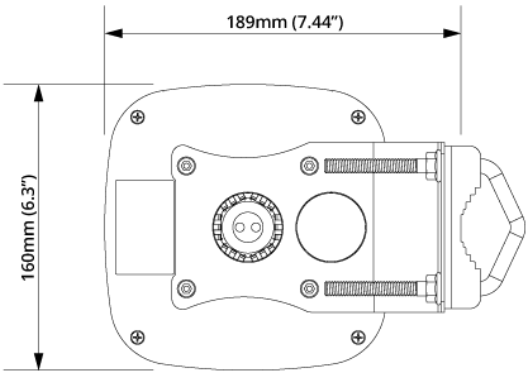


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DIMENSIONS





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

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