QuCam for Teltonika RUTX50 230V

Outdoor CCTV LTE PoE gateway with embedded LTE router & PoE switch for CCTV cameras.

QuCam for RUTX50 is a powerful outdoor industrial gateway for professional CCTV application with embedded PoE switch for up to 3x CCTV cameras and place to install Teltonika RUTX50 (not included in gateway set). QuCam for RUTX50 also has integrated omnidirectional LTE and Wi-Fi antennas. The mobile router delivers high performance for mission-critical cellular communication in harsh and hazardous environments where a wide operating temperature is required.

5G | Wi Fi DUALBAND 2.4GHz 5GHz | 694-6000MHz | 4 dBi | OMNI DIRECTIONAL | IP 67 | -40° TO +80°

- OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67
- MOUNTING SYSTEM WITH TWO PLANES, 60 DEGREES REGULATION
- 3 X ACTIVE POE OUTPUT (802.3 AF / AT)
- SIM CARD SLOT
- MADE IN **EUROPE**

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 - 2.7 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, 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, 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

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

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 4.7 - 6.0GHz
GAIN	2.4 - 2.5 GHz : 6 dBi 4.7 - 6.0 GHz : 7.5 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

POWER SUPPLY ELECTRICAL INPUT SPECIFICATION

INPUT VOLTAGE	85 ... 264VAC
INPUT FREQUENCY	47 ... 63Hz
INPUT CURRENT	1,2A/230VAC
INRUSH CURRENT	50A/230VAC
AC LEAKAGE CURRENT	max. 0,75mA/240VAC
EFFICIENCY	91%

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

POWER SUPPLY ELECTRICAL OUTPUT SPECIFICATION

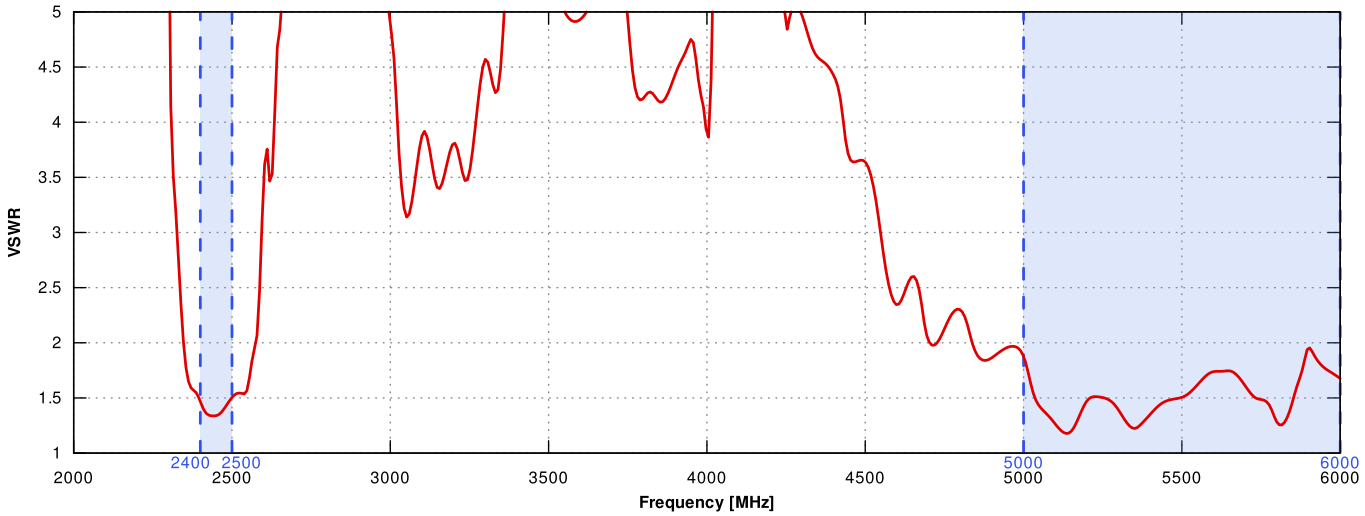
OUTPUT VOLTAGE	44 ... 57VDC
OUTPUT POWER	120W
OUTPUT POWER PER PORT	30W
ETHERNET PORTS	4x RJ45 10/100/1000Mbps
IEEE 802.3 STANDARDS:	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az

COMPATIBLE ROUTERS

VARIANT: CX50AC

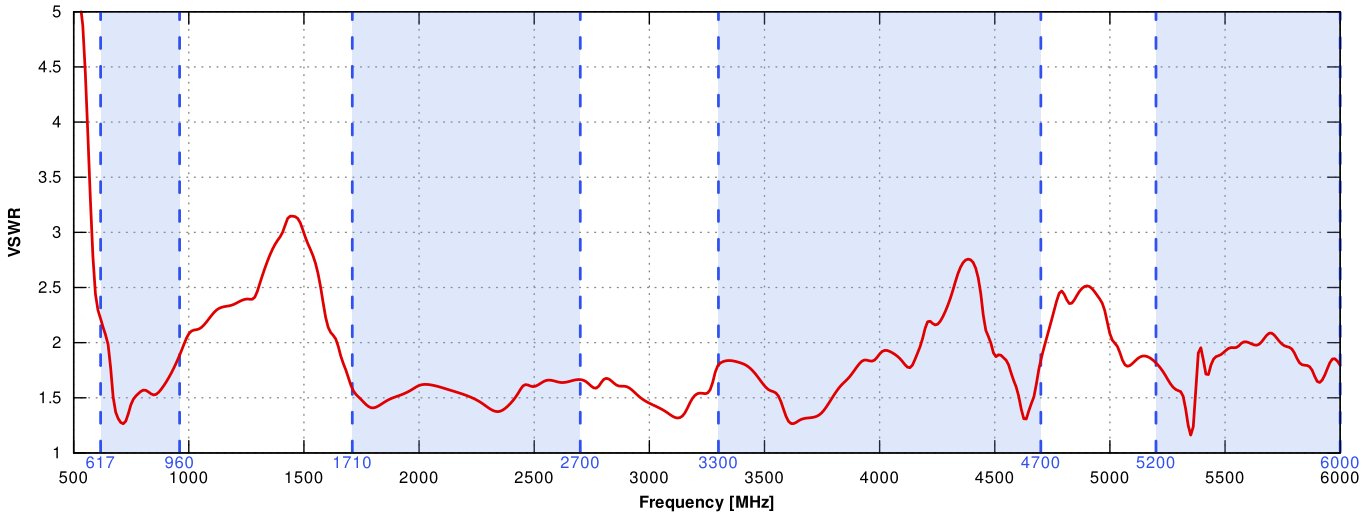
PLOTS

VSWR FOR WI-FI ANTENNA

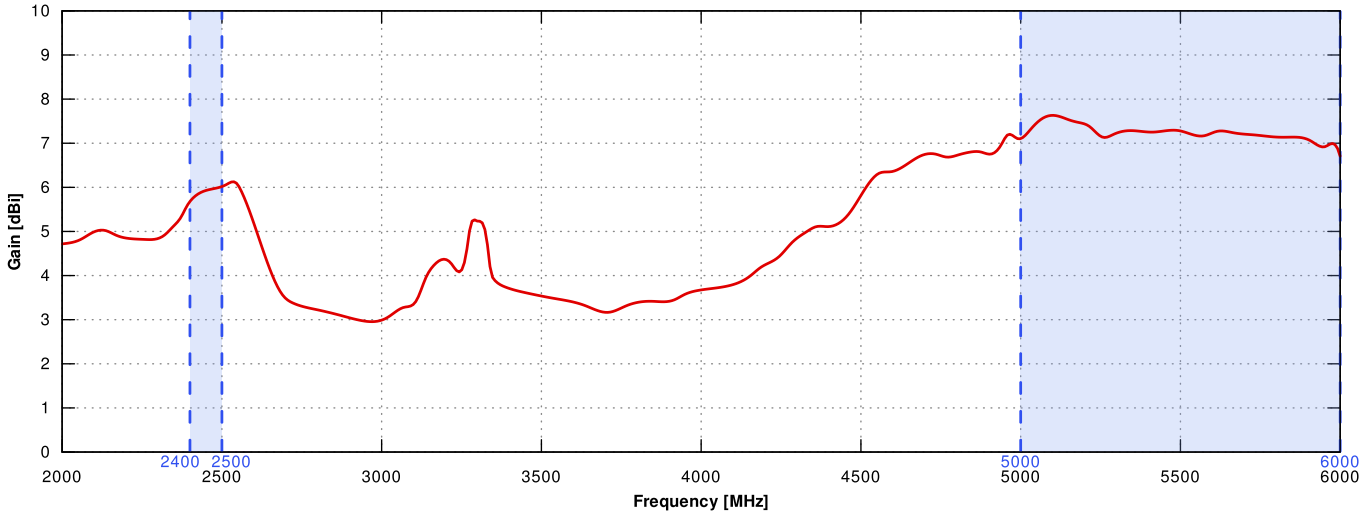


Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

VSWR FOR 5G/LTE ANTENNA

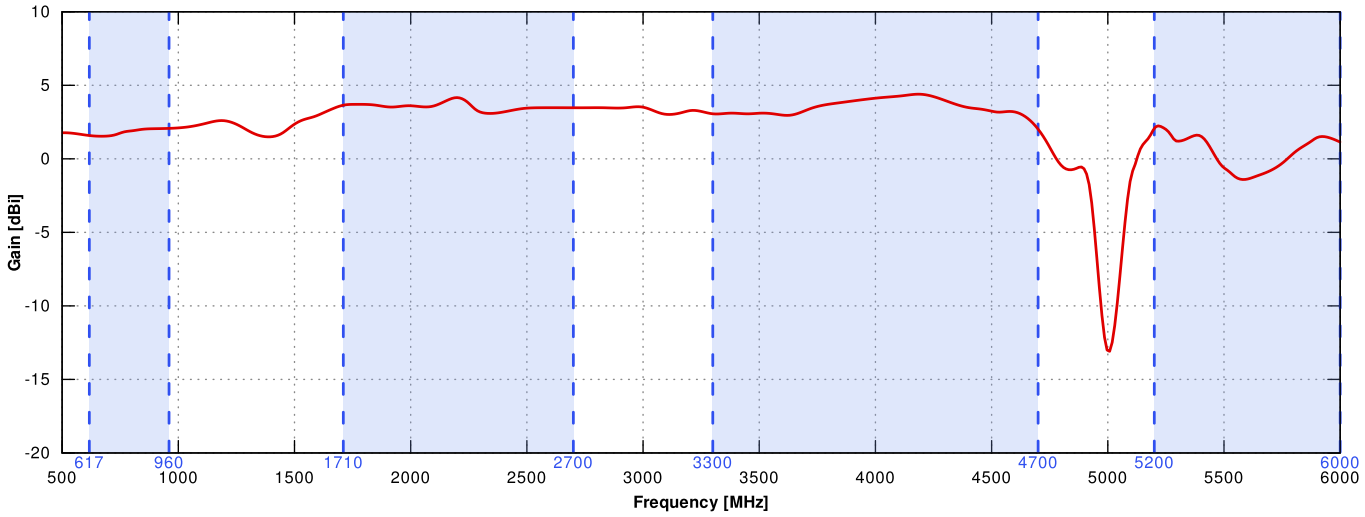


GAIN FOR WI-FI ANTENNA



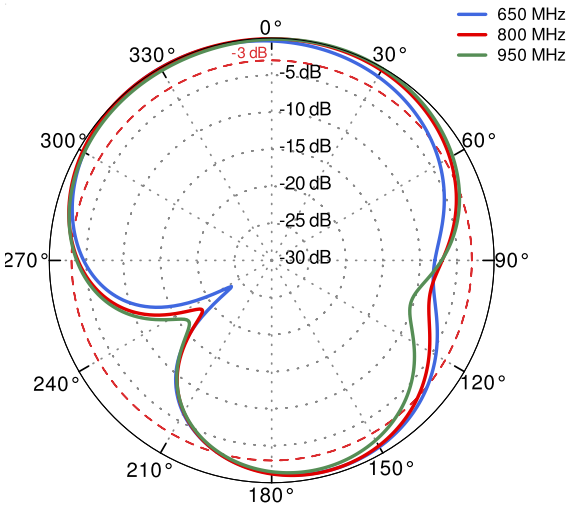
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

GAIN FOR 5G/LTE ANTENNA

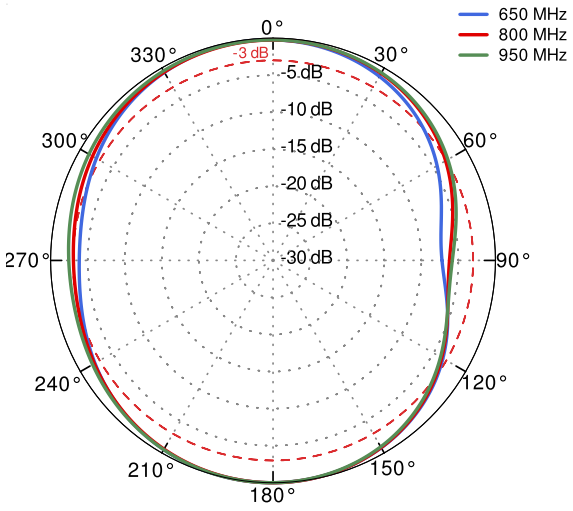


5G/LTE from 650MHz to 950MHz

ELEVATION



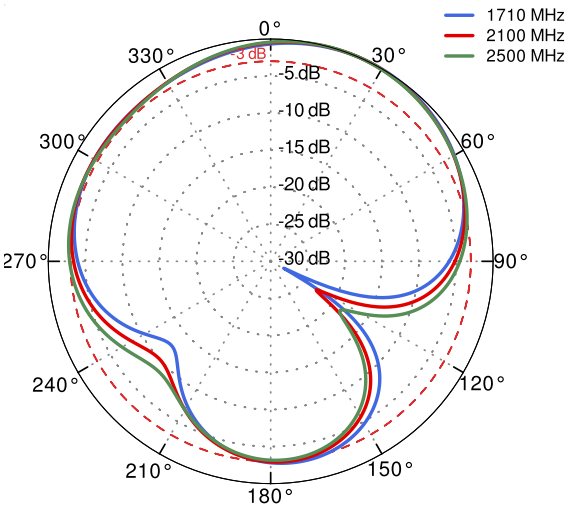
AZIMUTH



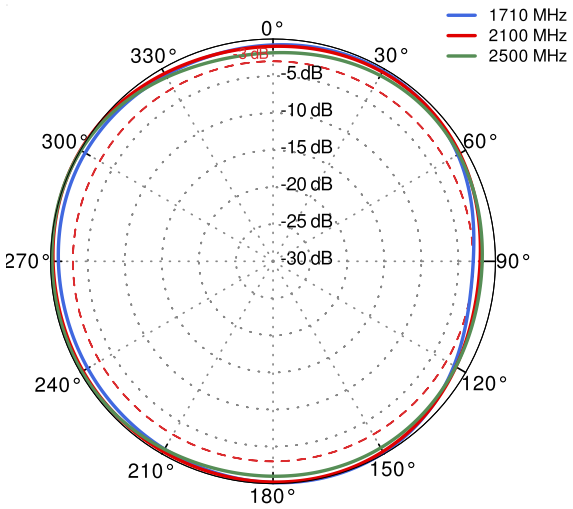
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

5G/LTE from 1.71GHz to 2.5GHz

ELEVATION

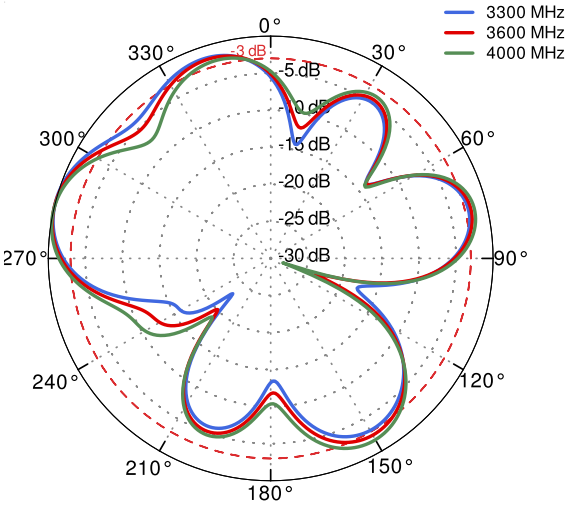


AZIMUTH

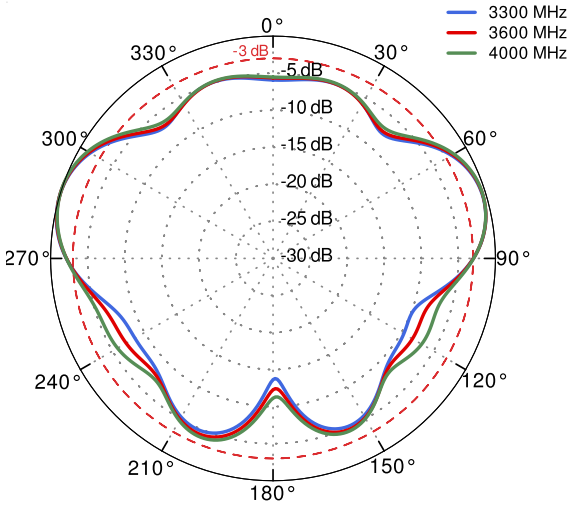


5G/LTE from 3.3GHz to 4.0GHz

ELEVATION



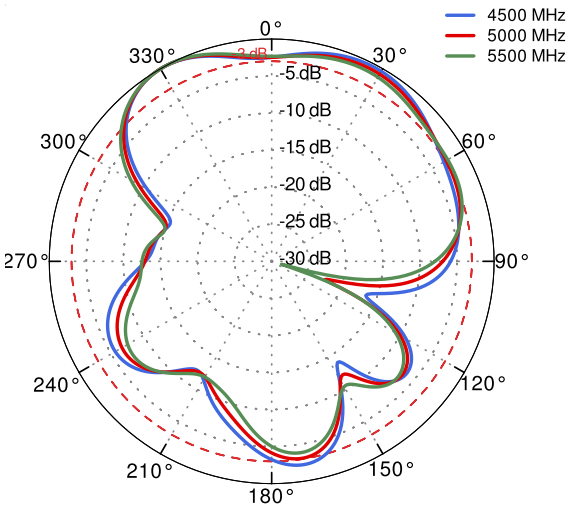
AZIMUTH



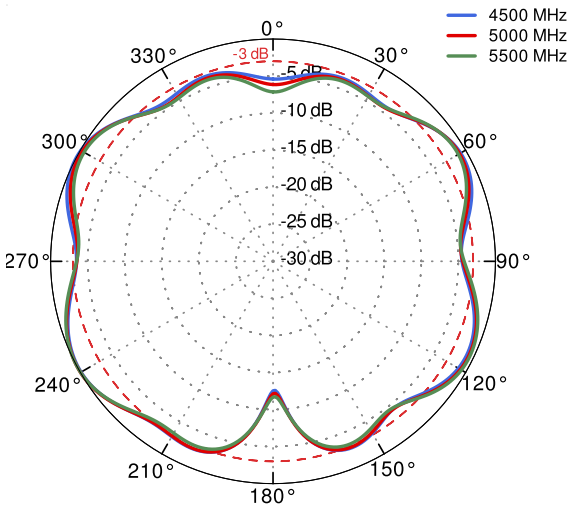
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

5G/LTE from 4.5GHz to 5.5GHz

ELEVATION

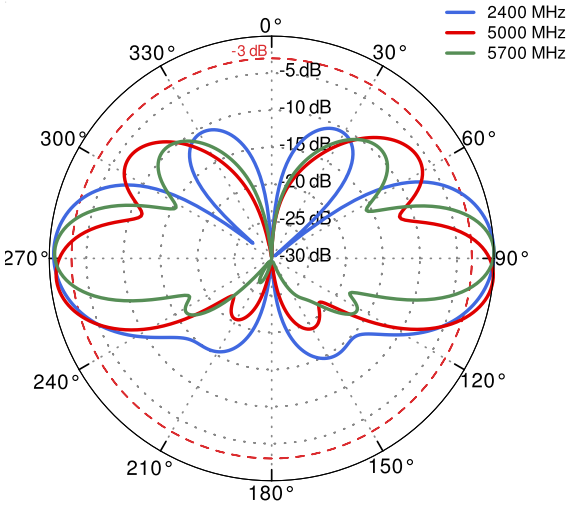


AZIMUTH

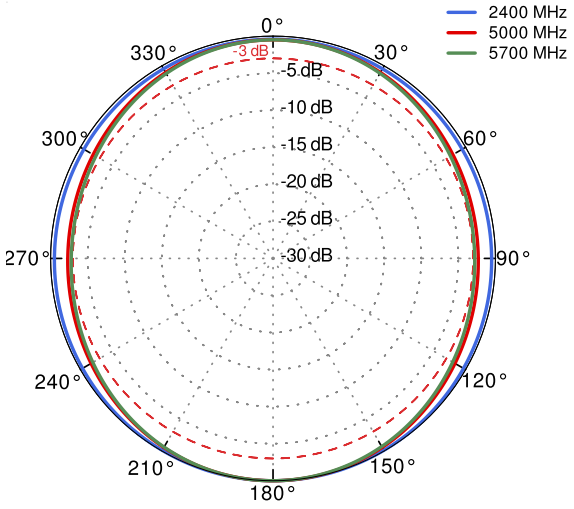


Wi-Fi 2.4GHz to 5.7GHz

ELEVATION



AZIMUTH



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

DIMENSIONS

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.