QuCam for Teltonika RUTX50 230V

Outdoor CCTV LTE PoE gateway with embedded 5G 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. 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.
TSW100 and RUTX50 included.

5G | Wi Fi DUALBAND 2.4GHz 5GHz | 694-6000MHz | 4 dBi | OMNI DIRECTIONAL | IP 68 | -40° TO +80°

- OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68
- 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

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WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
GAIN	2.4 - 2.5 GHz : 6 dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
VSWR	<1.50, 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%

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POWER SUPPLY ELECTRICAL OUTPUT SPECIFICATION

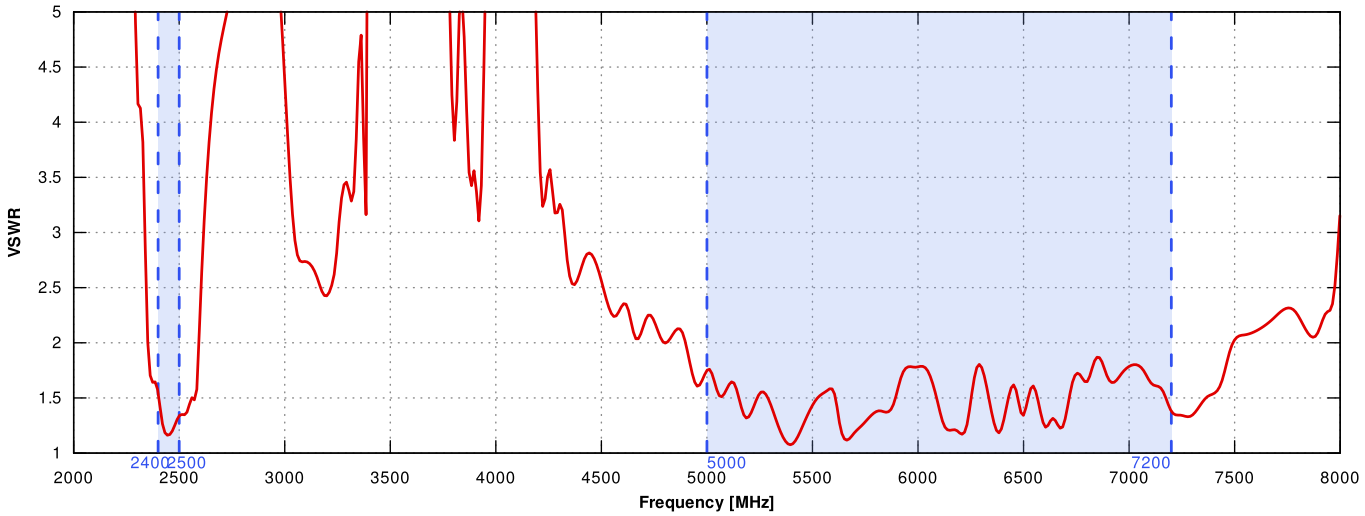
OUTPUT VOLTAGE	44 ... 57VDC
OUTPUT POWER	120W
OUTPUT POWER PER PORT	30W
ETHERNET PORTS	4x RJ45 10/100/1000Mbps
IEEE 802.3 STANDARDS:	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az

COMPATIBLE ROUTERS

VARIANT: CX50AC

PLOTS

VSWR FOR WI-FI ANTENNA



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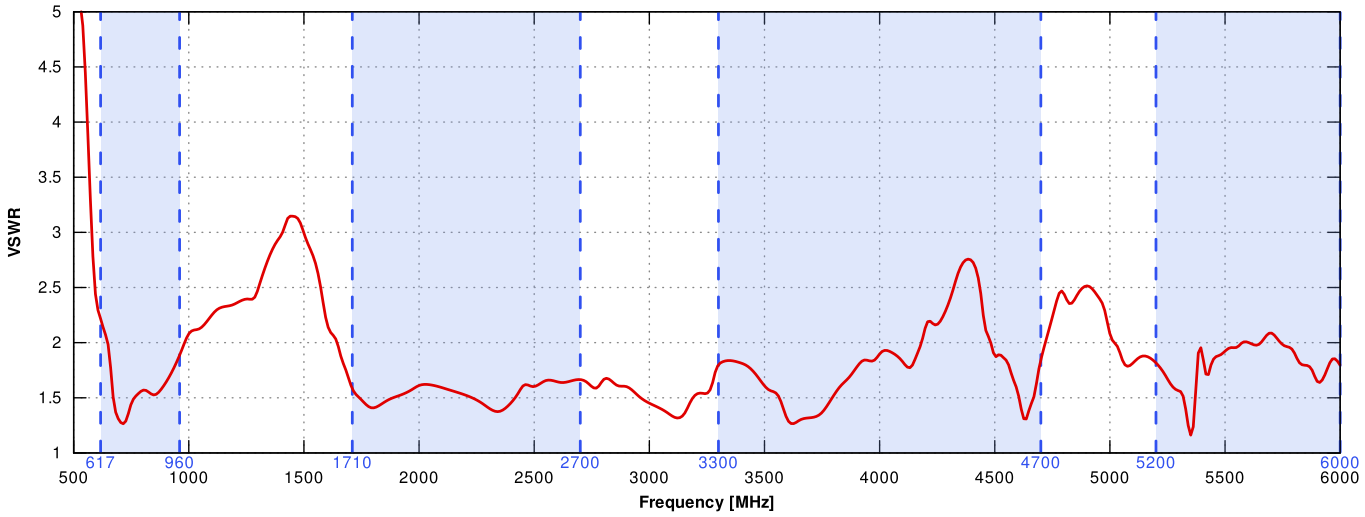
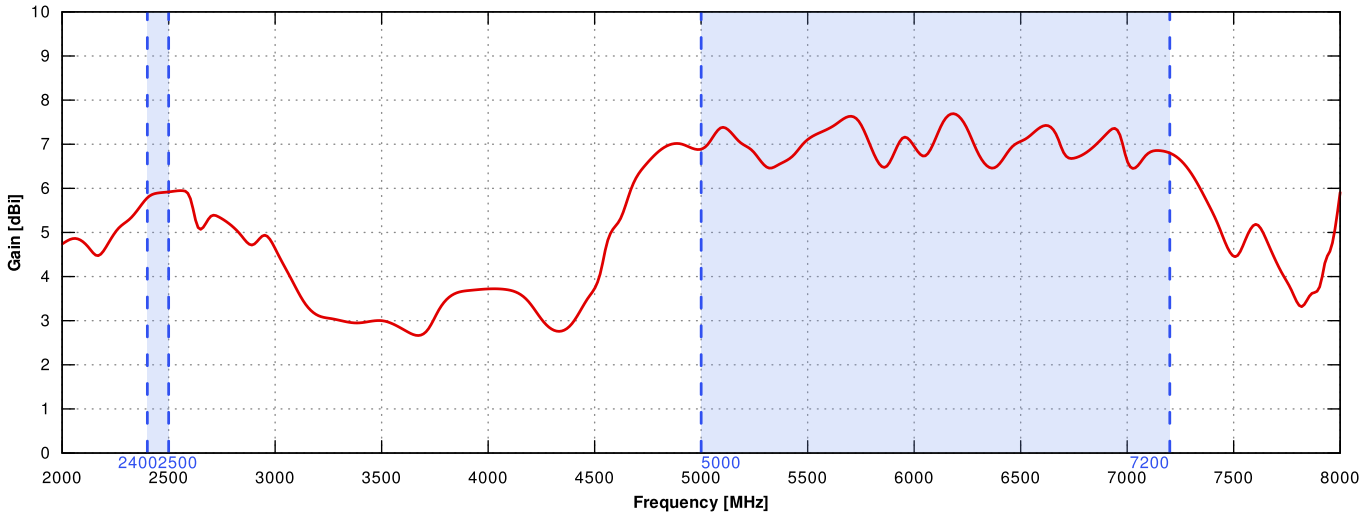
VSWR FOR 5G/LTE ANTENNA



GAIN FOR WI-FI ANTENNA



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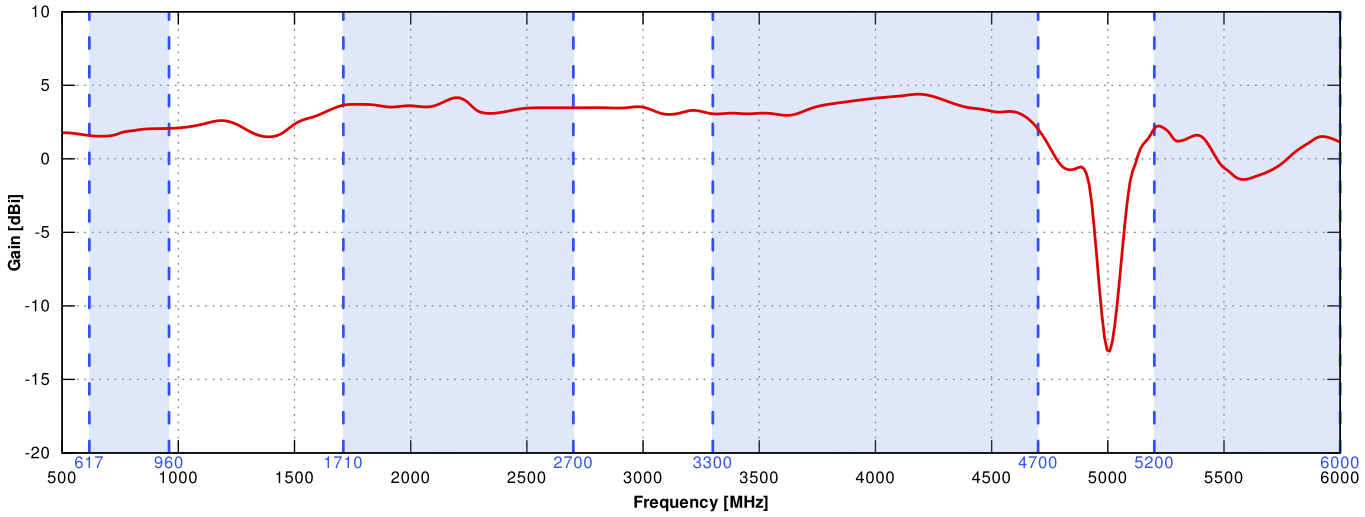
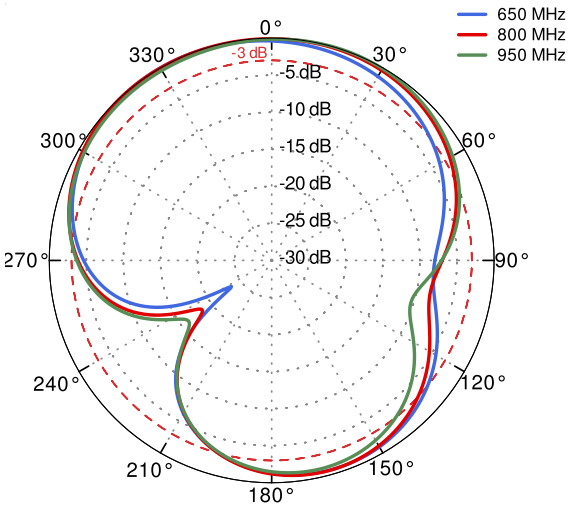
GAIN FOR 5G/LTE ANTENNA



5G/LTE from 650MHz to 950MHz

ELEVATION



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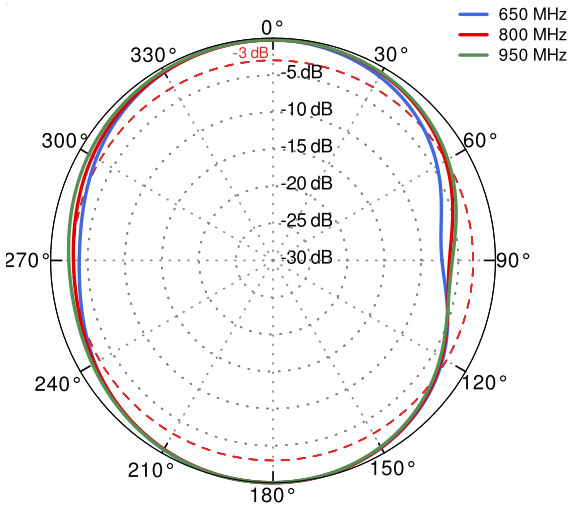

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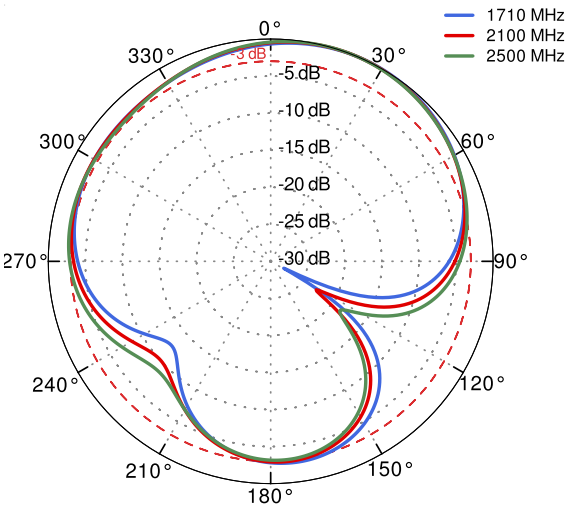
5G/LTE from 1.71GHz to 2.5GHz

ELEVATION



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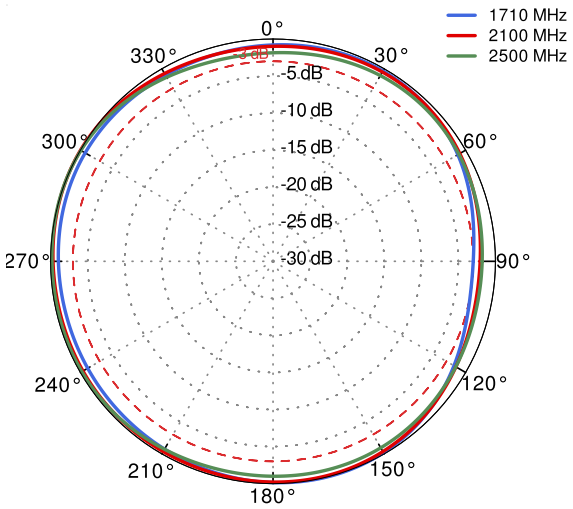
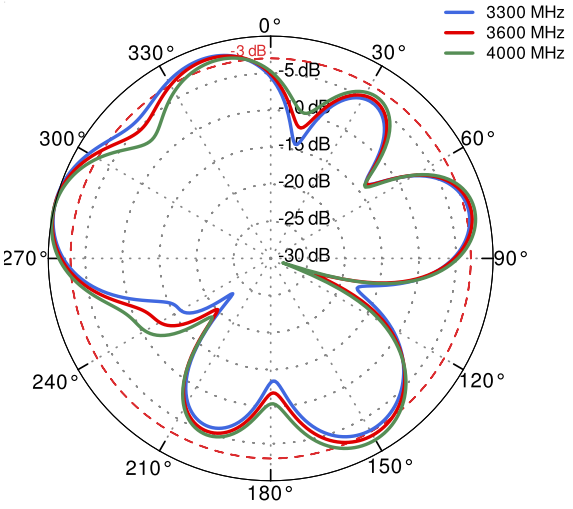


5G/LTE from 3.3GHz to 4.0GHz

ELEVATION



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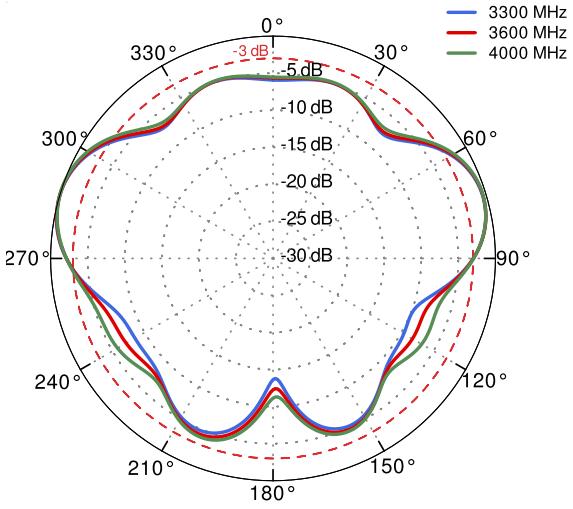

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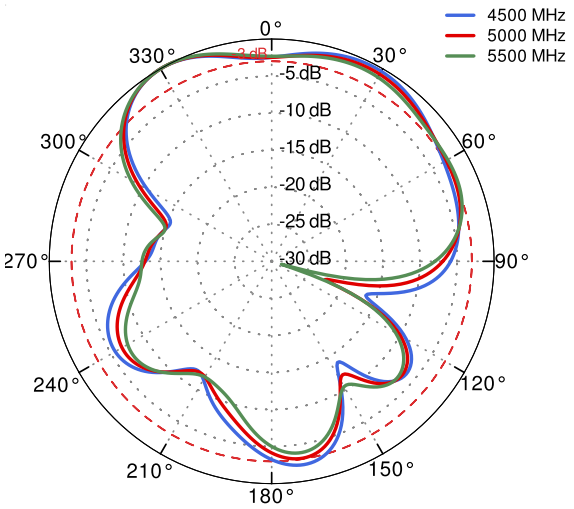
5G/LTE from 4.5GHz to 5.5GHz

ELEVATION



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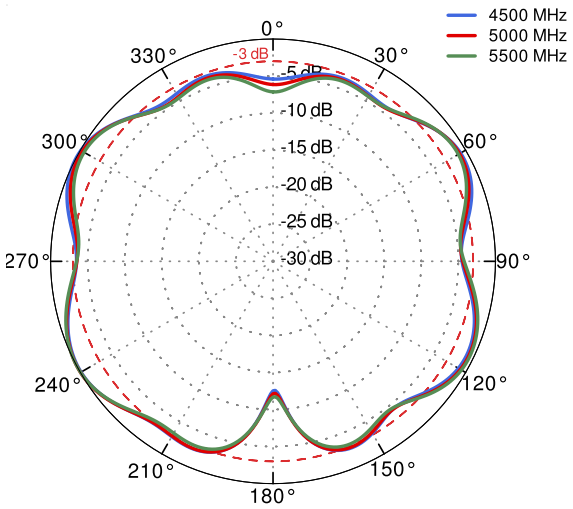
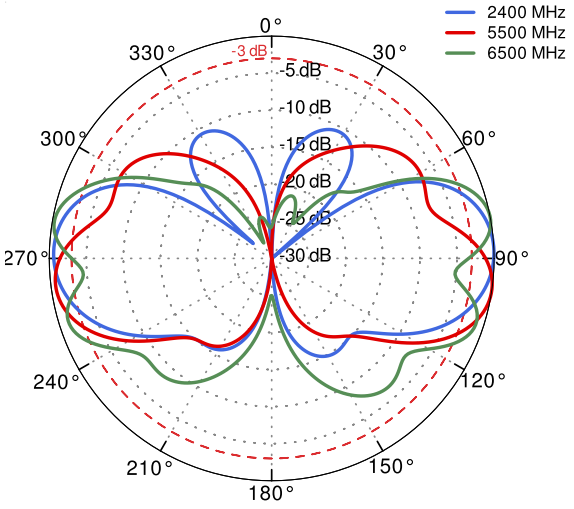


Wi-Fi 2.4GHz to 6.5GHz

ELEVATION



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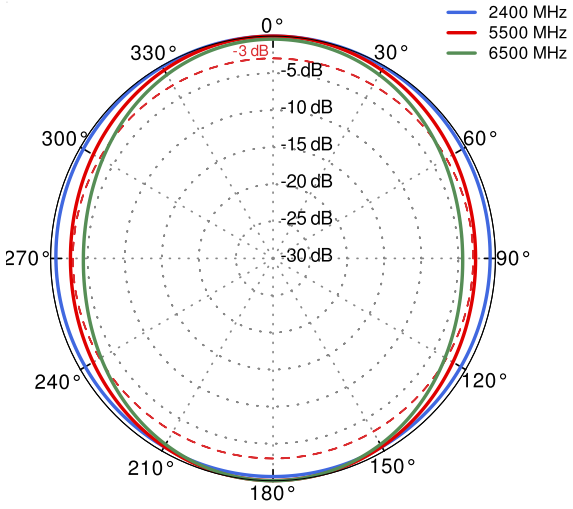

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PORTS



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