QuPanel 700MHz HP MIMO 4x4

Directional High Power 700Mhz antenna for Teltonika RUTX50.

QuPanel 700MHz directional MIMO 4x4 high gain antenna is predicted for 4G LTE high categories from cat 5 up to cat 19. The antenna improves the signal in rural/suburban and locations where the mobile signal is weak. That antenna is predicted to be installed on the buildings (on the pole or on the wall). The antenna is optimized to deliver extraordinary performance of **7dBi** in 694MHz-960MHz range, including **Band 28 (700MHz)**. It's designed to have a Teltonika RUTX50 router installed inside.
Photo NOT to scale!

4G LTE | 4x4 MIMO | 7 dBi | DIRECTIONAL | IP 67 | -40° TO +80°



LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz
GAIN	694 - 960 MHz : 7 dBi
SUPPORTED LTE/5G BANDS	5, 8, 12, 13, 14, 17, 18, 19, 20, 26, 27, 28, 29, 44, 67, 68, 85, 103, 106
VSWR	<1.70, max <2.00
BEAMWIDTH	70°/70° ±15°
POLARIZATION	Dual polarized X-Pol
IMPEDANCE	50 Ω
FRONT-TO-BACK	>10 dB

MECHANICAL SPECIFICATION

MATERIALS	ASA, aluminum, PTFE, Fiberglass
CONNECTOR TYPE	4x SMA plug
INGRESS PROTECTION	IP67
DIMENSIONS	392 x 392 x 99 mm 15.43 x 15.43 x 3.90 inch
WEIGHT	3.7 kg 8.16 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	25-66mm 0.98-2.60 inch

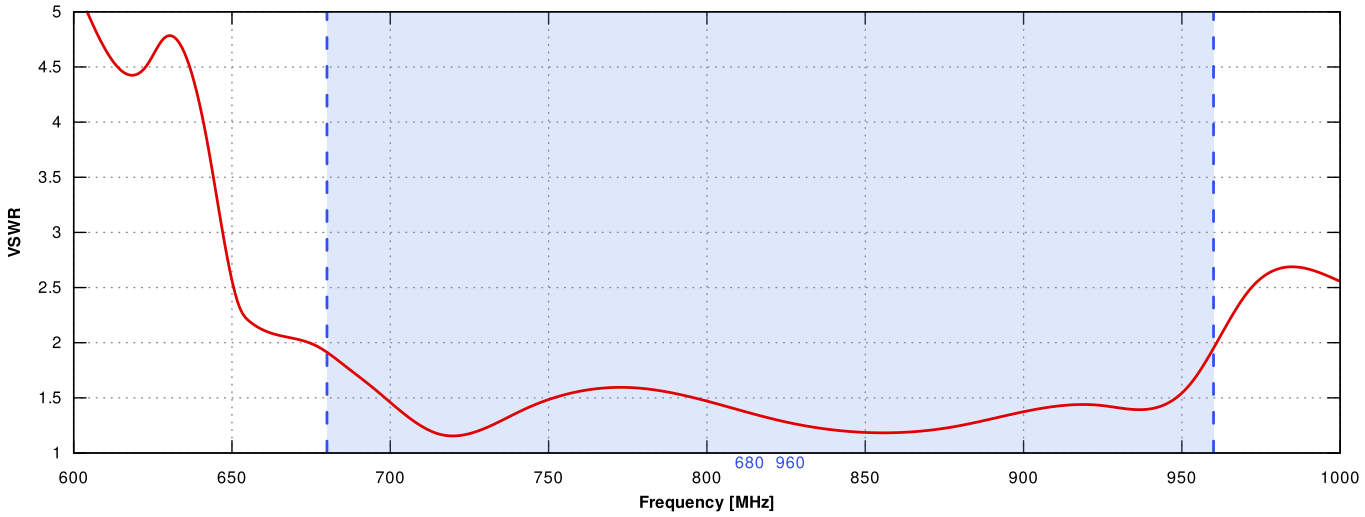
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COMPATIBLE ROUTERS

VARIANT: APLM4X50

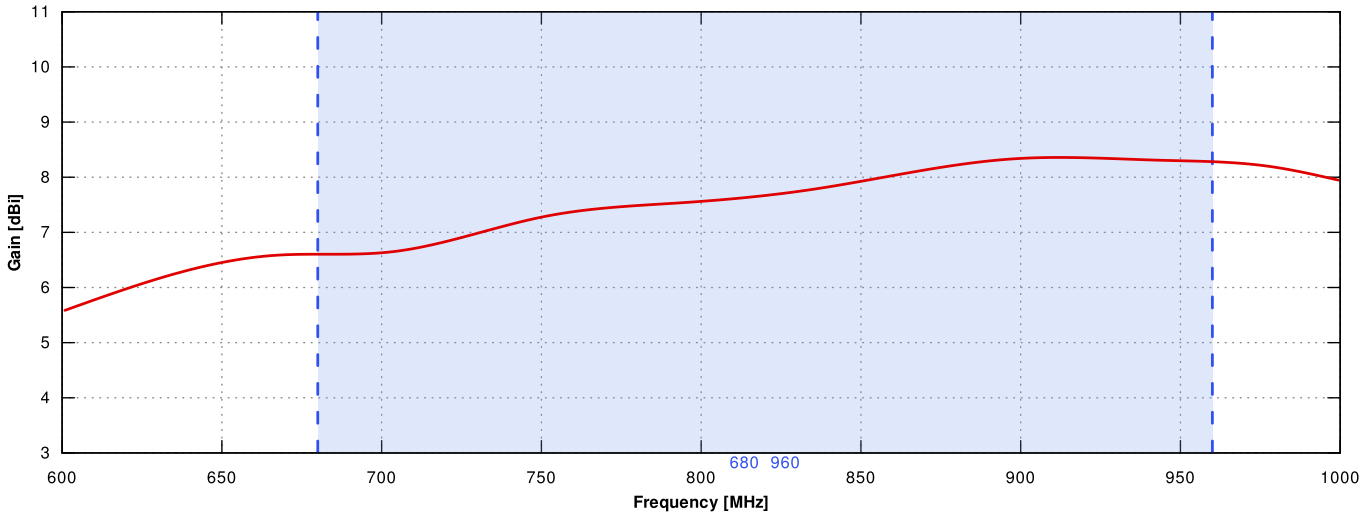
PLOTS

VSWR



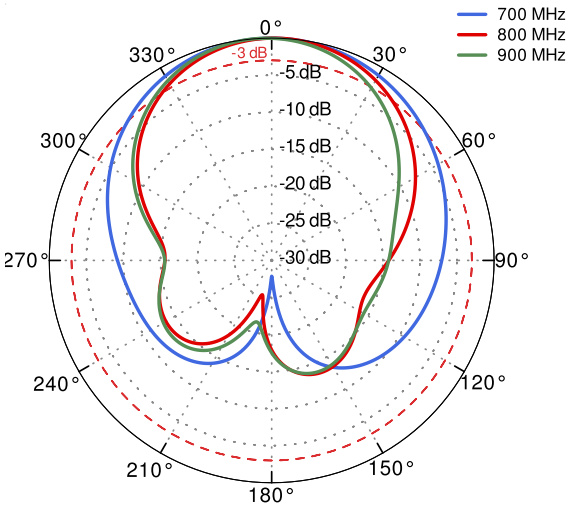
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Gain

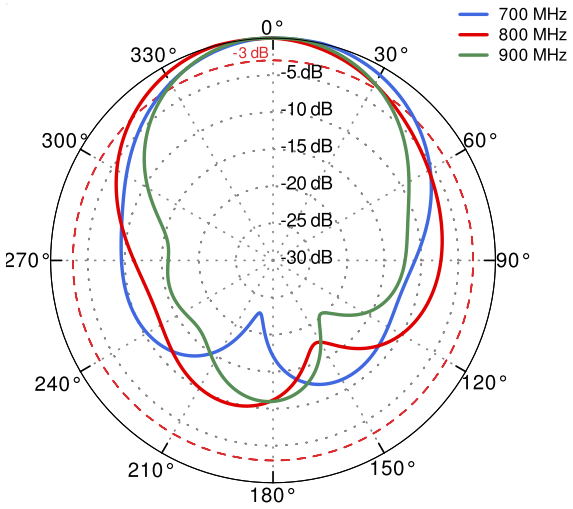


700MHz to 900MHz

ELEVATION

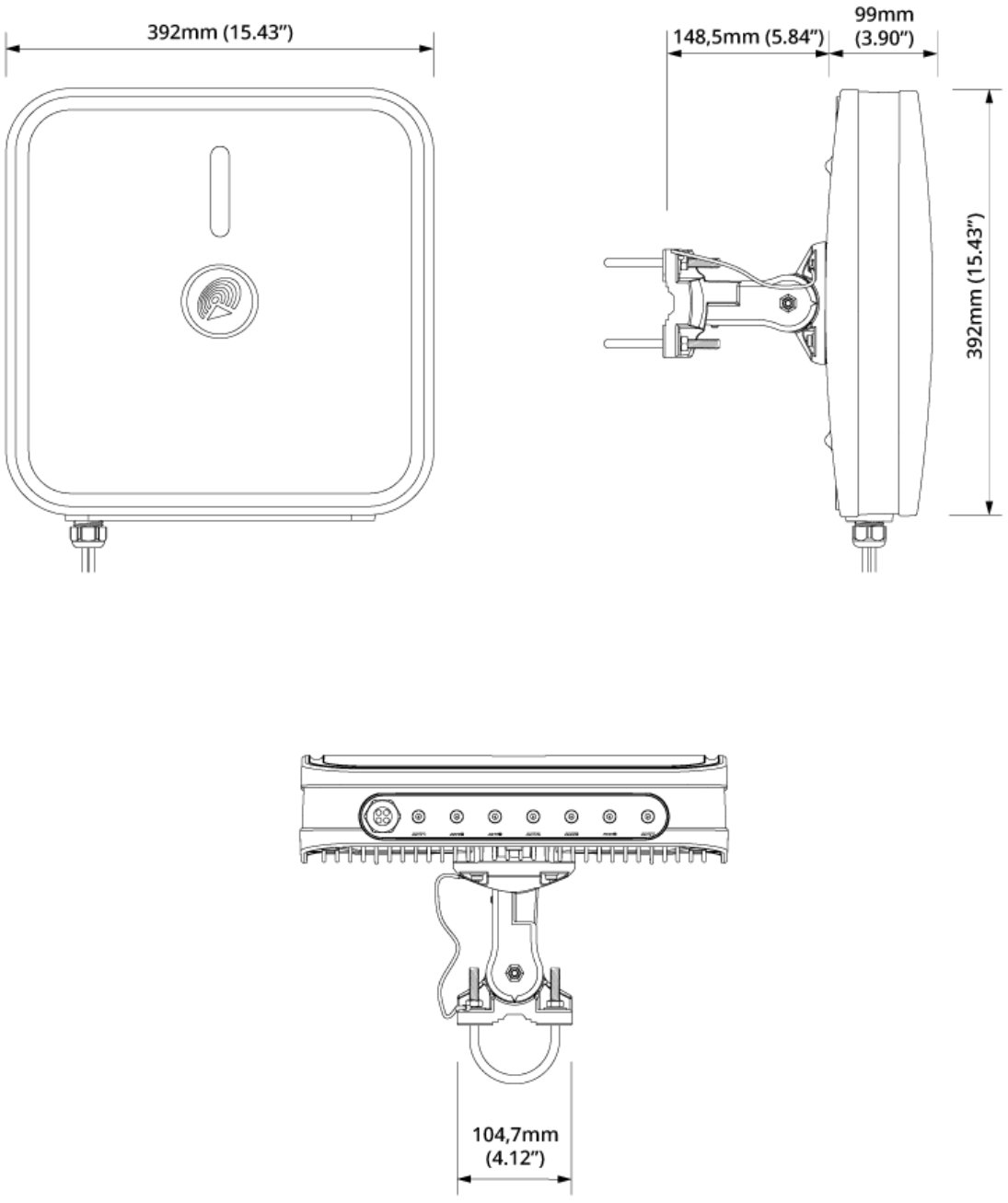


AZIMUTH



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DIMENSIONS



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