

QuPanel 5G/LTE Global MIMO 2x2

PN: AP5G2-G (5m cables)

PN: AP5G2-G1 (10m cables)

Directional, high gain 5G/LTE MIMO 2x2 antenna

QuPanel 5G/LTE MIMO 2x2 is a high-gain, wide-band, directional antenna specifically designed for use with 5G wireless communication networks. This antenna was designed to provide reliable long-range wireless communication in outdoor environments.

QuPanel 5G features a durable ABS enclosure and is weather-resistant, making it suitable for use in harsh outdoor conditions. It offers a high gain of up to 7dBi, which allows for long-range communication over distances of several kilometers.

Due to ultra wide working frequency range (617MHz – 6.0GHz), the antenna is universal client for 5G bands, like n77, n78, n79, 32, 71, covering a worldwide frequency range.

All QuWireless products were designed to be easy to install and come with mounting bracket that can be used to mount it on poles or walls.



OUTDOOR

Use QuWireless antennas wherever you want

ANTENNA

Maximize your signal with QuWireless antennas

SOLUTION

Plug router and you are good to go

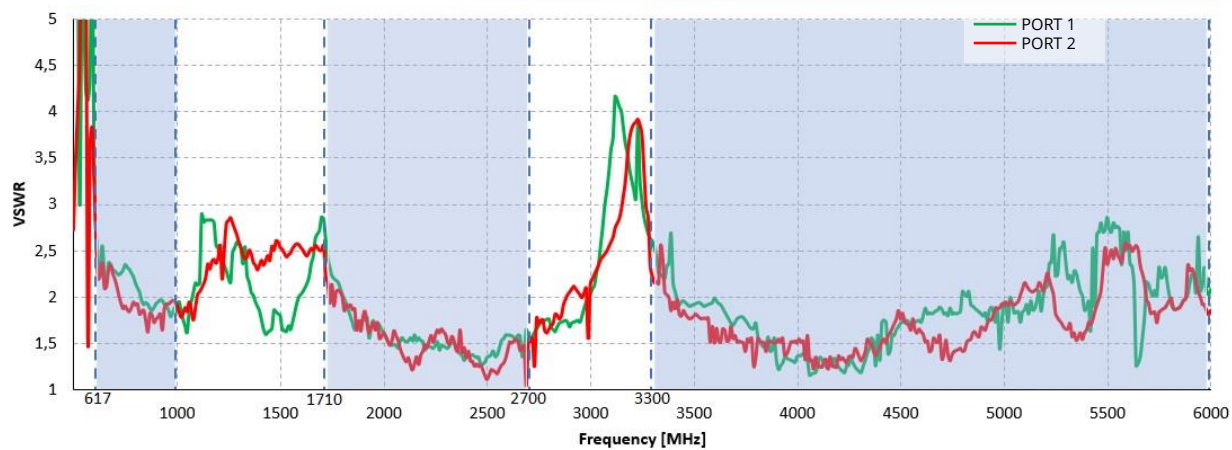
ELECTRICAL SPECIFICATION

FREQUENCY	0.617 - 0.960 GHz 1.7 - 2.7 GHz 3.3 - 6.0 GHz
GAIN	0.617 - 0.960 GHz: 6 dBi 1.7 - 2.7 GHz: 7 dBi 3.3 - 4.6 GHz: 7 dBi 4.7 - 6.0 GHz: 5.5 dBi
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	<2.00, max <3.00
BEAMWIDTH	80°/80° ±15°
POLARIZATION	X (±45°)
IMPEDANCE	50 Ω

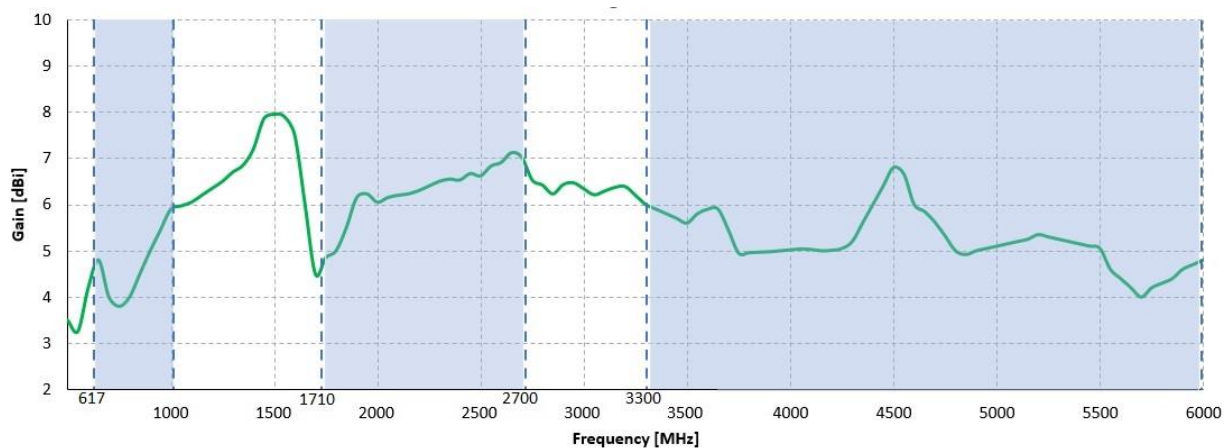
MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	2x integrated cables with SMA plug
CABLE LENGTH	5m or 10m
CABLE TYPE	LMR195 white
DIMENSIONS	270.0 x 270.0x 175.5 mm 10.63 x 10.63 x 6.90 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F

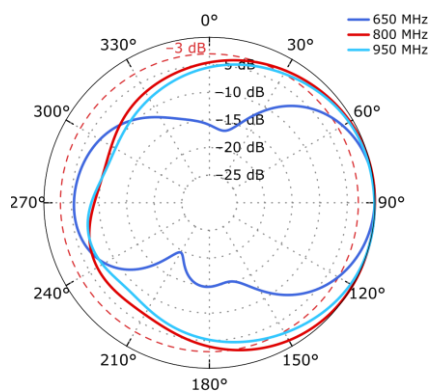
VSWR



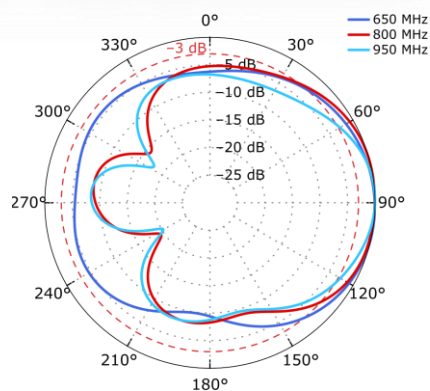
GAIN



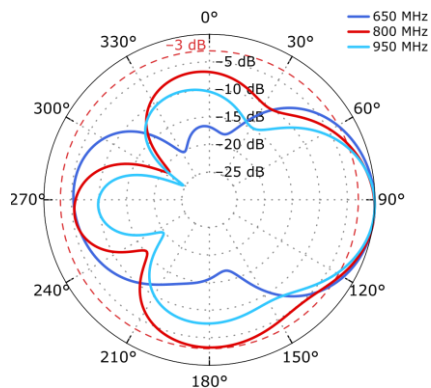
PORT 1: 650-950 MHz Elevation



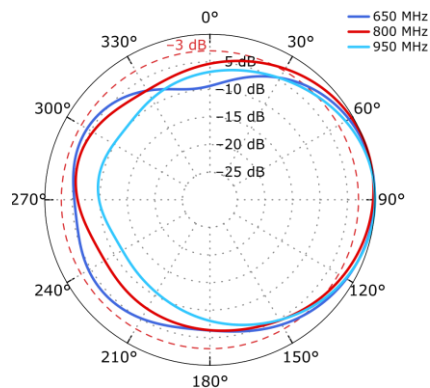
PORT 1: 650-950 MHz Azimuth



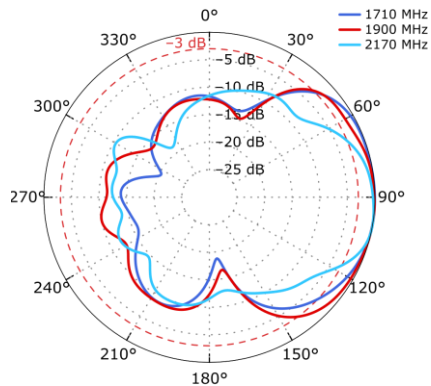
PORT 2: 650-950 MHz Elevation



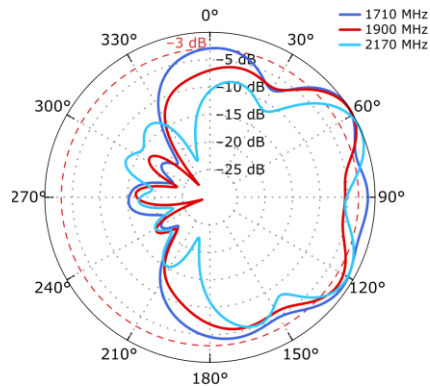
PORT 2: 650-950 MHz Azimuth



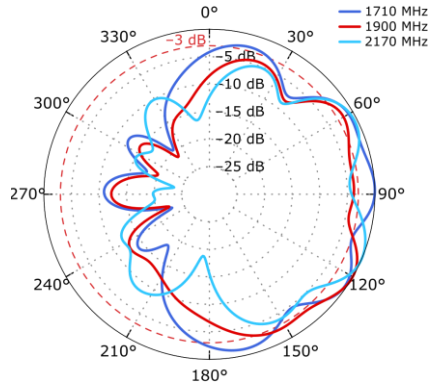
PORT 1: 1710-2170 MHz Elevation



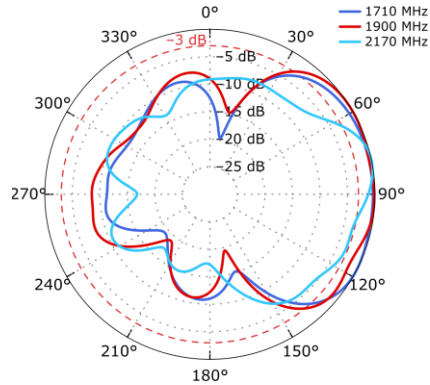
PORT 1: 1710-2170 MHz Azimuth



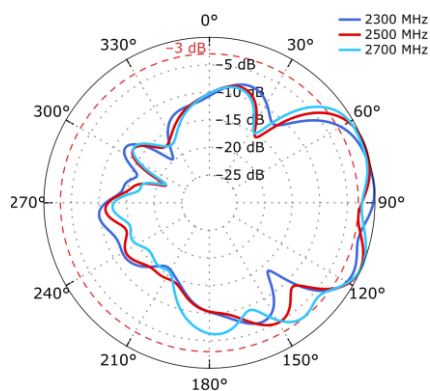
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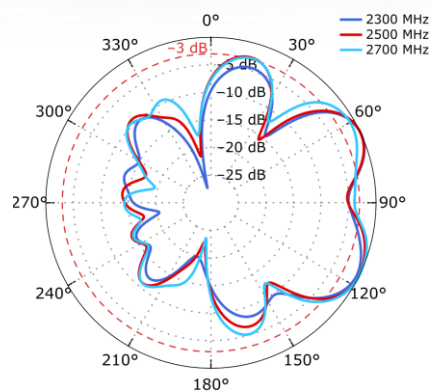
PORT 2: 1710-2170 MHz Azimuth



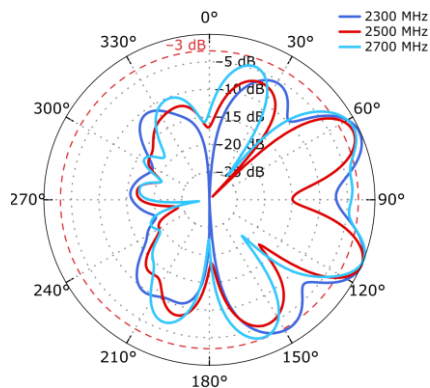
PORT 1: 2300-2700 MHz Elevation



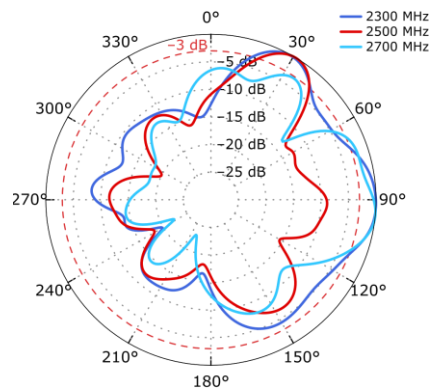
PORT 1: 2300-2700 MHz Azimuth



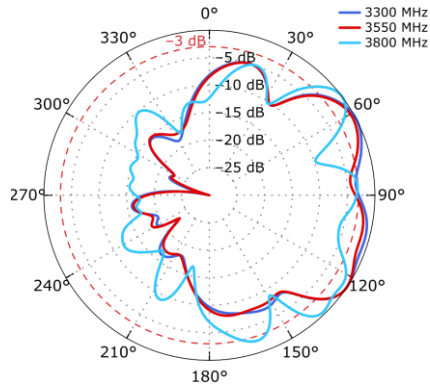
PORT 2: 2300-2700 MHz Elevation



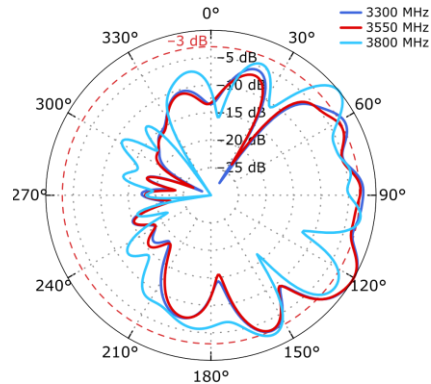
PORT 2: 2300-2700 MHz Azimuth



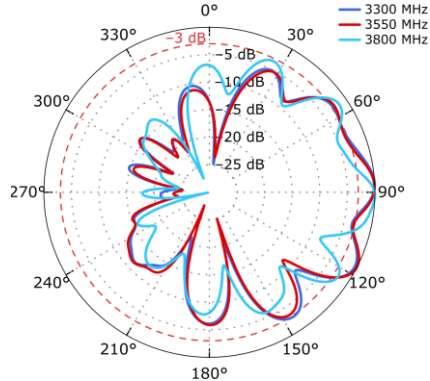
PORT 1: 3300-3800 MHz Elevation



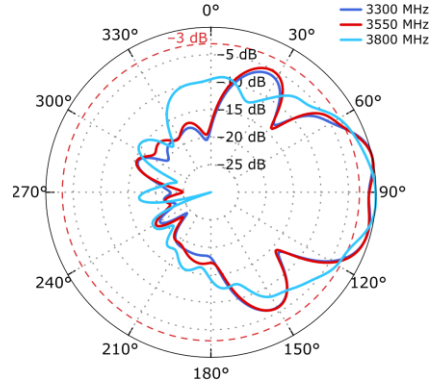
PORT 1: 3300-3800 MHz Azimuth



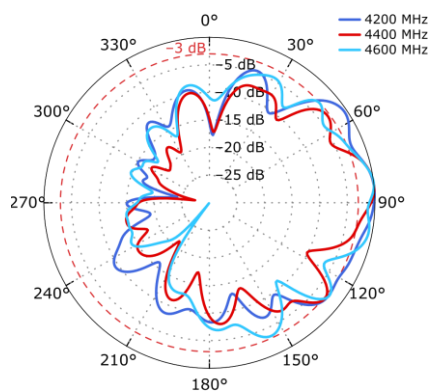
PORT 2: 3300-3800 MHz Elevation



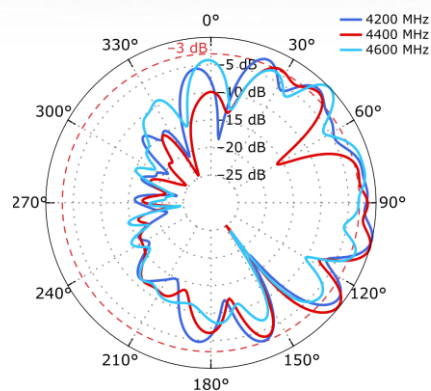
PORT 2: 3300-3800 MHz Azimuth



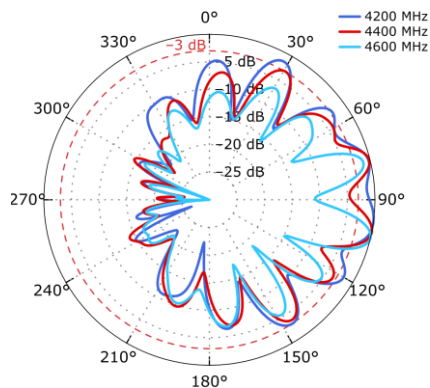
PORT 1: 4200-4600 MHz Elevation



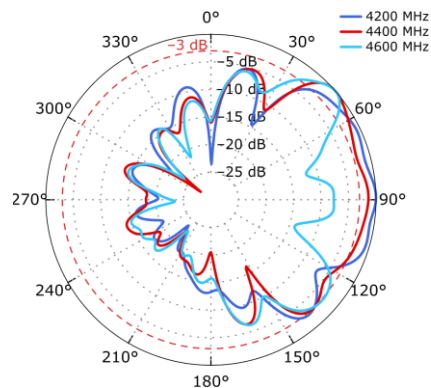
PORT 1: 4200-4600 MHz Azimuth



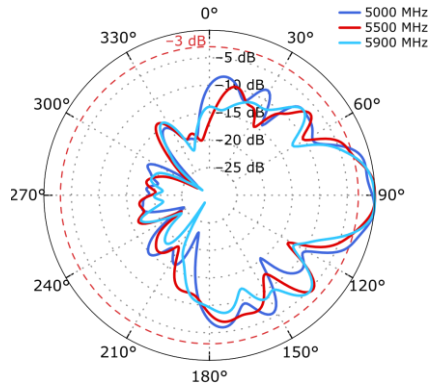
PORT 2: 4200-4600 MHz Elevation



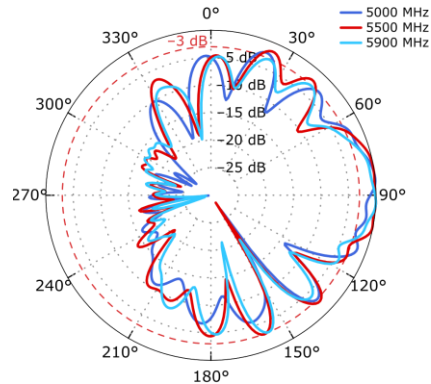
PORT 2: 4200-4600 MHz Azimuth



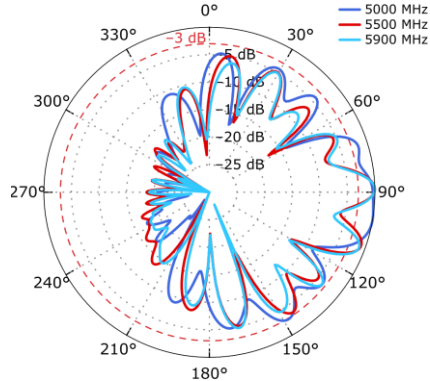
PORT 1: 5000-5900 MHz Elevation



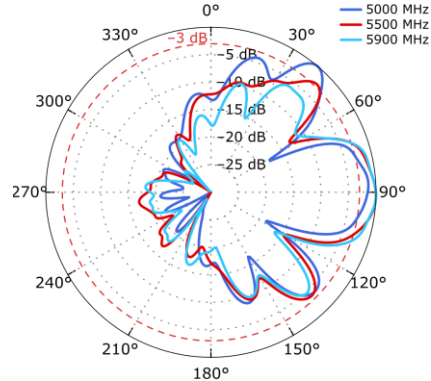
PORT 1: 5000-5900 MHz Azimuth



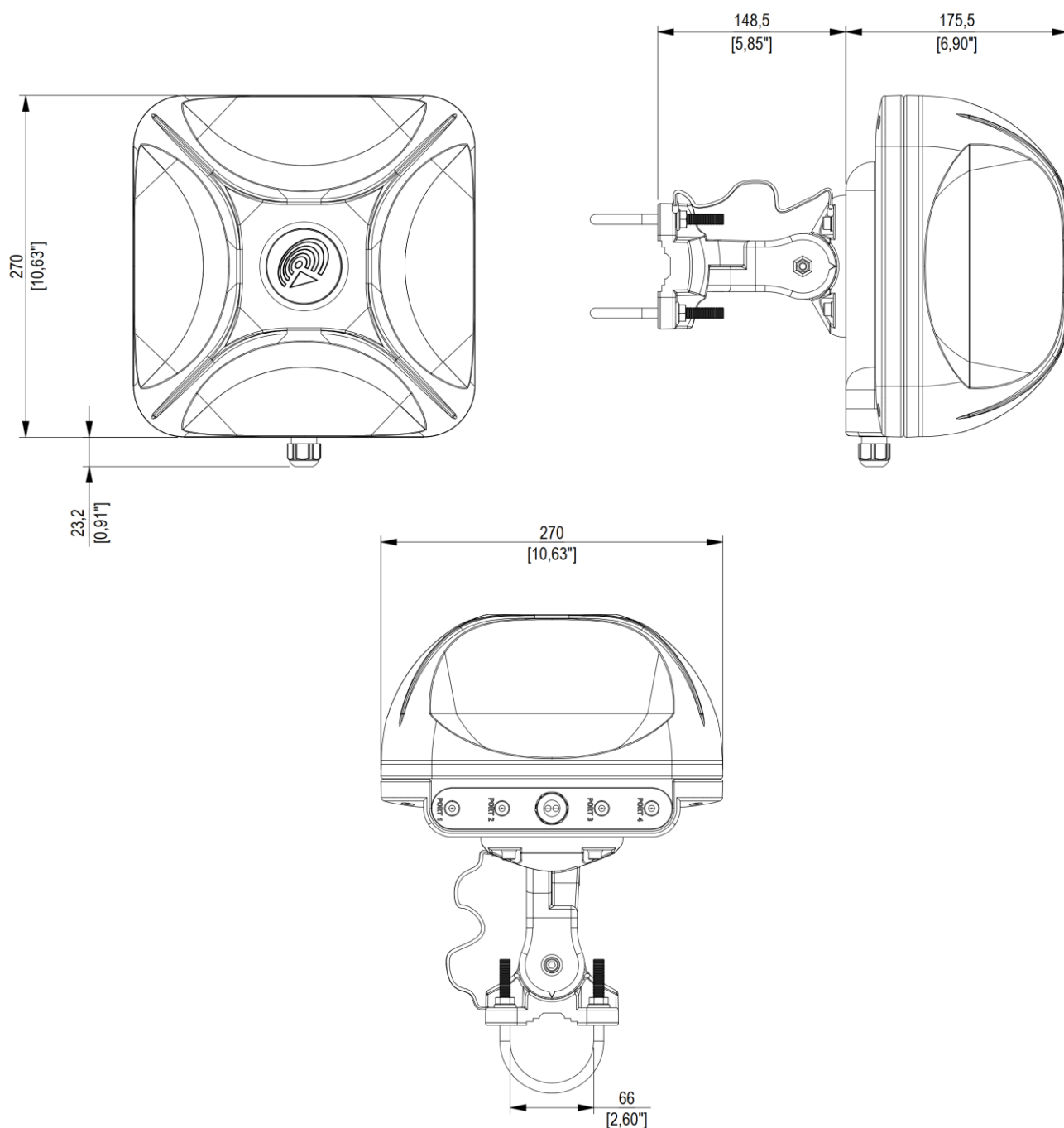
PORT 2: 5000-5900 MHz Elevation



PORT 2: 5000-5900 MHz Azimuth



DIMENSIONS



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