QuSector 7V-120-5 Wi-Fi 6E

QuSector 7V-120-5 offers a 120 degrees, 7dBi signal gain. It is a perfect indoor and outdoor device for industrial installations. Wi-Fi 6E support!

QuSector 7V-120-5 is a concurrent triple band, Vertical polarity, panel antenna.It operates at 2.4GHz, 5GHz and 7GHz simultaneously with 7dBi gain. It is a futureproof solution with Wi-Fi 6E support.
Due to its medium gain, it can be used on short or medium distances, for example for hotspots in schools, stadiums, offices or public places. High quality injection moulded enclosure is characterized by a wide range of applications: from indoor through mobile devices to the outdoor (IP68) ones. Wide frequency range (2.4-2.5GHz & 5.0-7.125GHz) helps to find suitable frequency for the most effective operation.
The antenna comes in three versions, with 5*70cm (28inch) cables and Nm, RPSMA, RPTNC.

Wi Fi 6E | 2.4GHz + 5GHz | 7 dBi | DIRECTIONAL | IP 68 | -40° TO +80°

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.125 GHz
GAIN	2.4 - 2.5 GHz: 7 dBi 5.0 - 7.125 GHz: 7 dBi
VSWR	<1.80
BEAMWIDTH	120°/60° 120°/90°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
SEPARATION BETWEEN CONNECTORS	>30dB
FRONT-TO-BACK	20dB
MAX INPUT POWER	50W
DC GROUND	Yes

MOUNTING KIT

MATERIAL	Galvanized
WEIGHT	0.3kg
MOUNTING PLACE	Mast
MAST DIAMETER	25-66mm 0.98-2.60 inch

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MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	5xRPSMA/5xNM/5xRPTNC
OUTER DIMENSIONS	16.5 x 16.5 x 4.5 cm 6.5 x 6.5 x 1.77 inch
WEIGHT	0.9 kg
OPERATING TEMPERATURE	-40°C to +80°C -40°F to 176°F

COMPATIBLE ROUTERS

VARIANT: S7V.120.5RS

ACKSYS	AirBox/12
JUNIPER NETWORKS	AP32E
XIRRUS	XA4-240

VARIANT: S7V.120.5NM

ACKSYS	RailTrack

VARIANT: S7V.120.5RT

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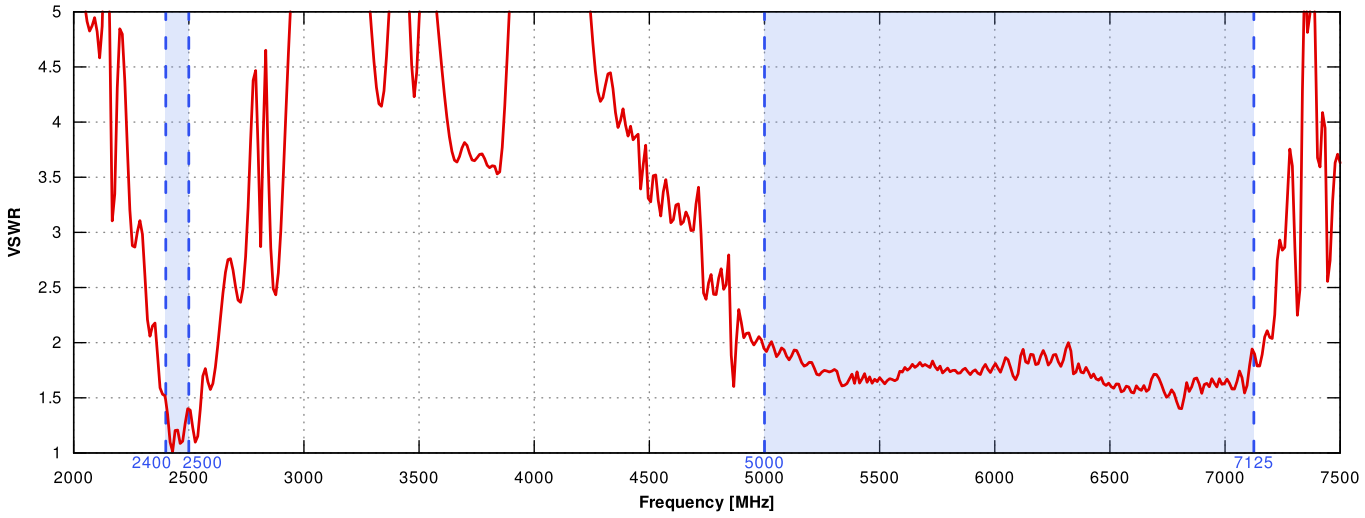
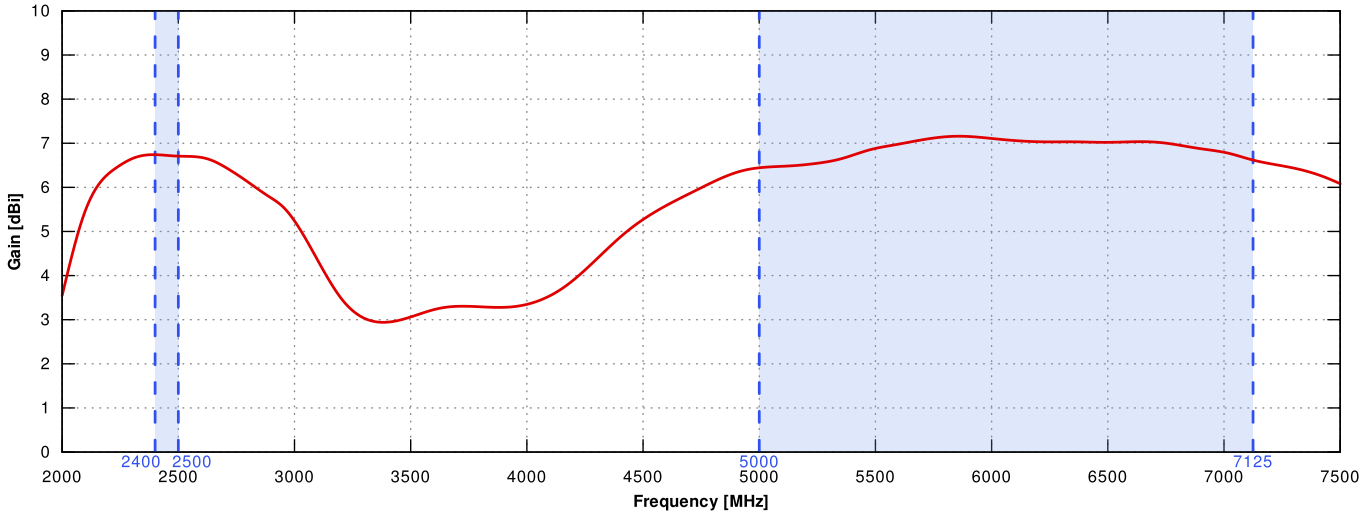
PLOTS

VSWR



Gain



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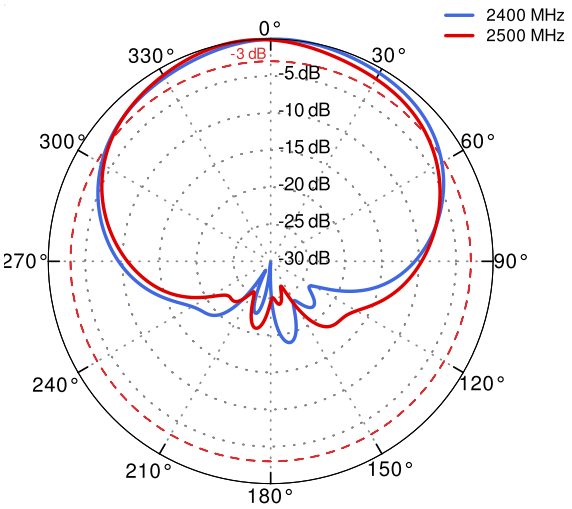
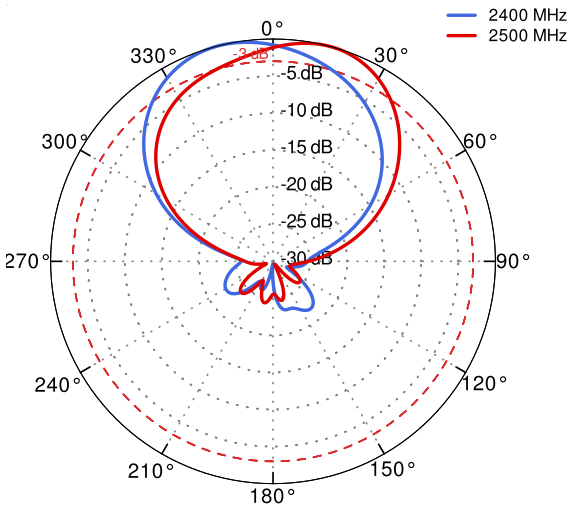
From 2.4GHz to 2.5GHz

AZIMUTH

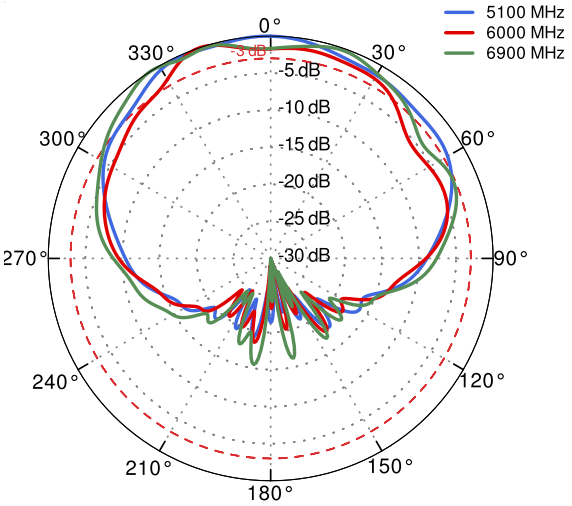


ELEVATION

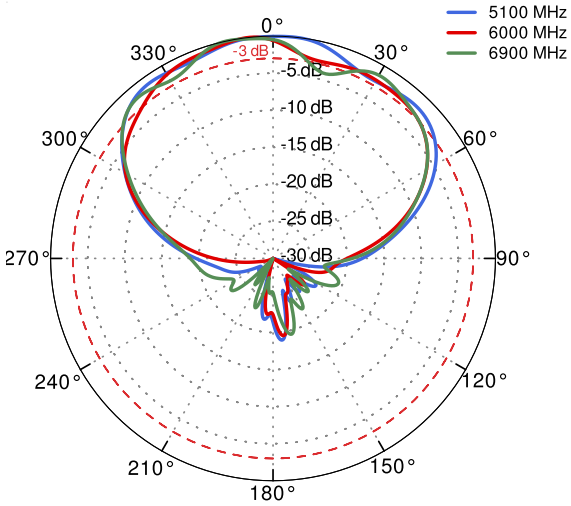


From 5.1GHz to 6.9GHz

AZIMUTH



ELEVATION



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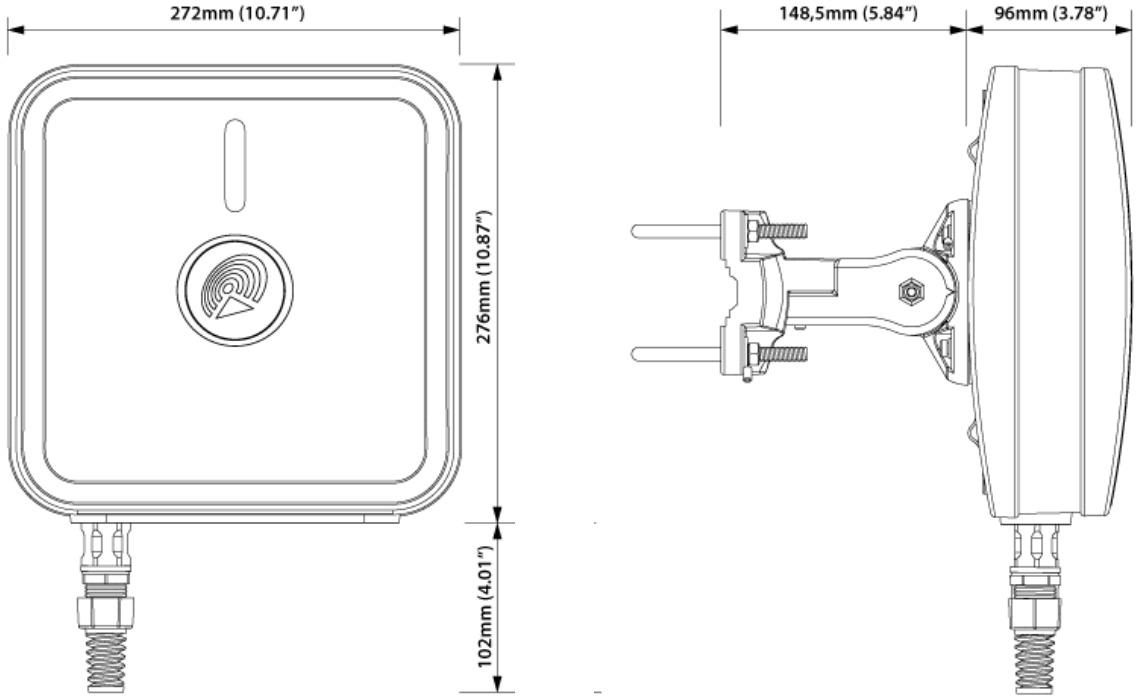
DIMENSIONS



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