QuSector 14HV-90-3 Nf

QuSector 14HV-90-3 offers a 90 degrees, 14dBi gain signal with two RP-SMA 2.4GHz connectors. It is a perfect indoor and outdoor device for industrial installations.

QuSector 14HV-90-3 is a single band, H&V polarity, MIMO 3x3 panel antenna. Two connectors operate at 2.4GHz with 14dBi gain. 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 allows to implement it alongside with indoor and IP67 outdoor solutions. The antenna comes in with integrated Nf connectors

Wi Fi DUALBAND | 2.4GHz + 5GHz | 14 dBi | DIRECTIONAL | IP 67 | -40° TO +80°

- OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP67
- ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER
- WALL OR MAST MOUNTING SYSTEM WITH **TWO PLANES**, **60 DEGREES REGULATION**
- MADE IN **EUROPE**

WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5GHz 5.1 - 5.9GHz
GAIN	12 dBi 14 dBi
VSWR	< 2.00
BEAMWIDTH	90°/30° 90°/16°
POLARIZATION	Horizontal Vertical
IMPEDANCE	50 Ω
SEPARATION BETWEEN CONNECTORS	>30 dB
FRONT-TO-BACK	> 20dB >25dB
MAX INPUT POWER	50W
DC GROUND	Yes

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

MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	3xNf
OUTER DIMENSIONS	29.2 x 48.6 x 10.6 cm 11.5 x 19.13 x 4.17 inch
WEIGHT	1.8 kg
OPERATING TEMPERATURE	-40°C to +80°C -40°F to 176°F

MOUNTING KIT

DIMENSIONS	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 66mm 0.98-2.60 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
MOUNTING PLACE	Wall or ceiling or mast

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

COMPATIBLE ROUTERS

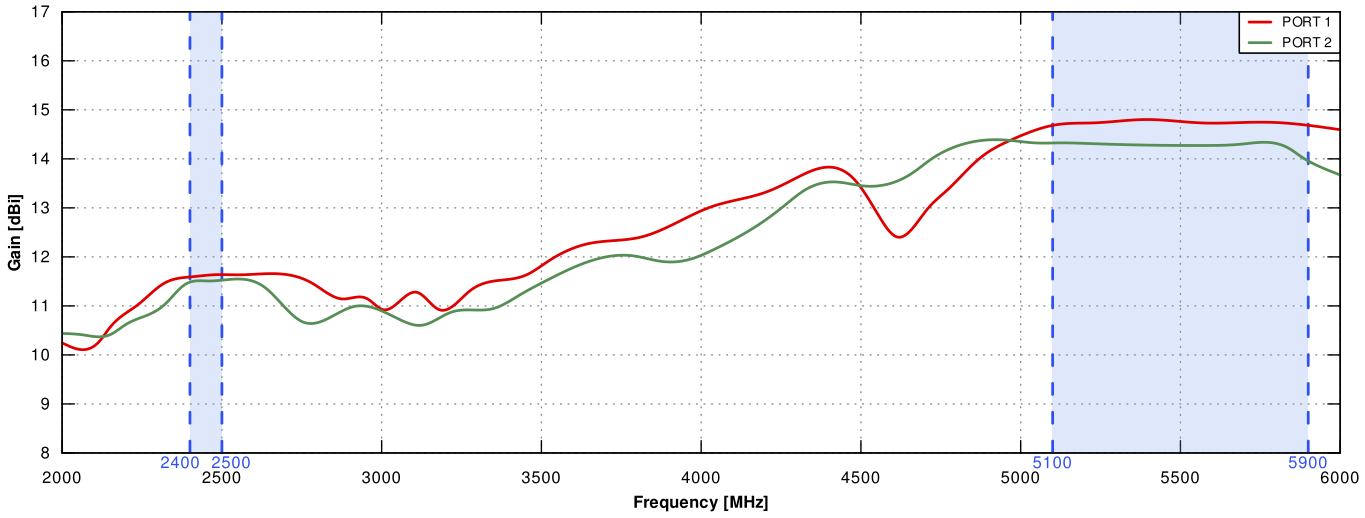
VARIANT: S14HV.90.3NF

TELTONIKA	RUTC40, RUTC41, RUTC42, RUTC50, RUTC54
ADVANTECH	ICR-4401W
ARUBA	AP-114, AP-124, AP-134, AP-214, AP-224, AP-304, IAP-214, IAP-224, IAP-304
CISCO	AIR-CAP1602E
D-LINK	DSR-1000AC
EXTREME NETWORKS	AP 7532
FORTINET	FAP-S313C, FAP-S323C, FAP-S323CR
HUAWEI	AP5130DN
JUNIPER NETWORKS	AX11
QUECLINK	WR220
SIEMENS	6GK5748-1GD00-0AB0, 6GK5788-1FC00-0AA0, 6GK5788-1FC00-0AB0, 6GK5748-1FC00-0AA0, 6GK5748-1FC00-0AB0, 6GK5748-1GD00-0AA0, 6GK5786-1FC00-0AB0, 6GK5788-1GD00-0AA0, 6GK5788-1GD00-0AB0
TELTONIKA	RUTC40, RUTC41, RUTC42, RUTC50, RUTC54
WAVETEL	W4A00 5G
OTHER	3 * N-male, 3 * RPSMA, 3 * RPTNC

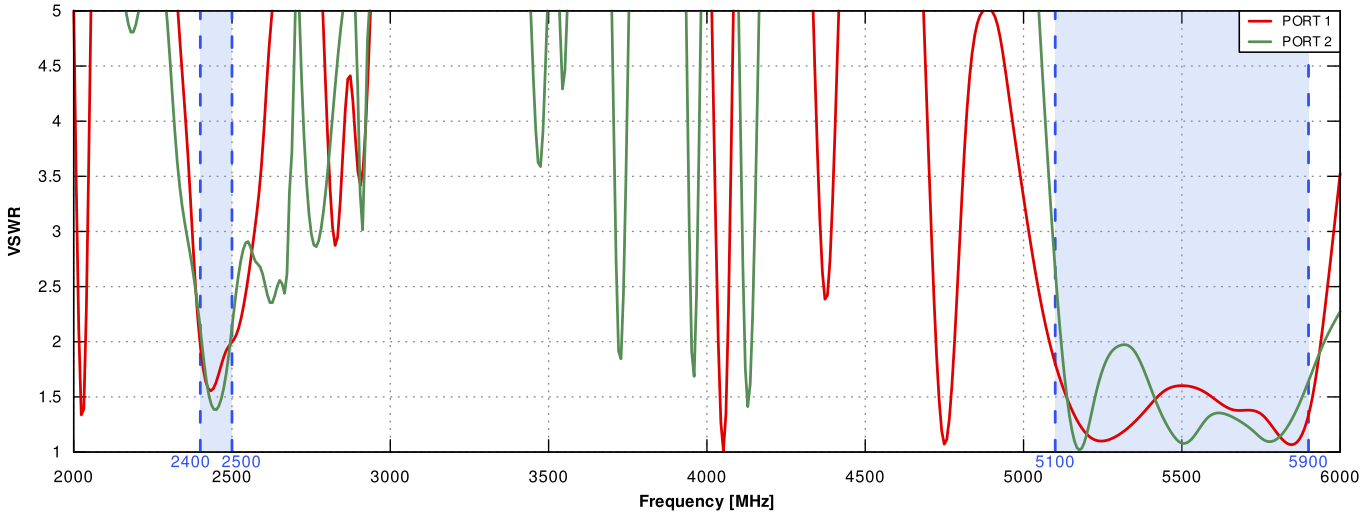
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

PLOTS

Gain



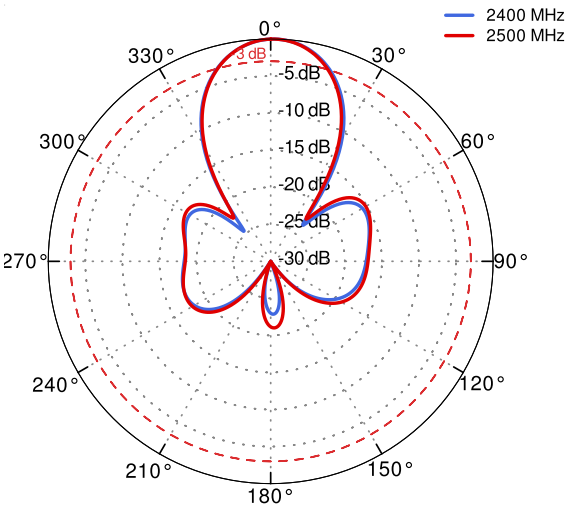
VSWR



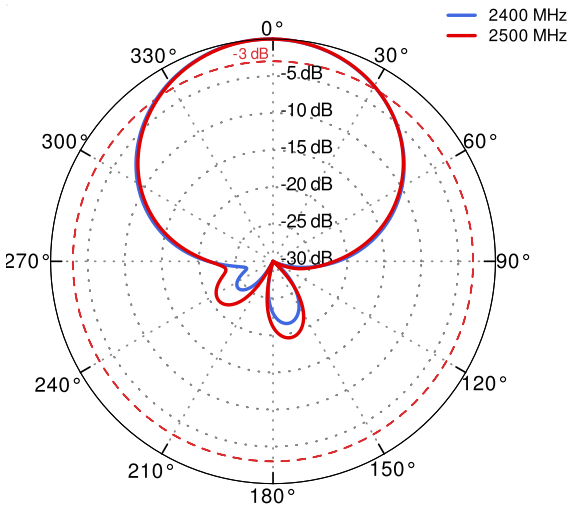
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

PORT 1 From 2.4GHz to 2.5GHz

ELEVATION

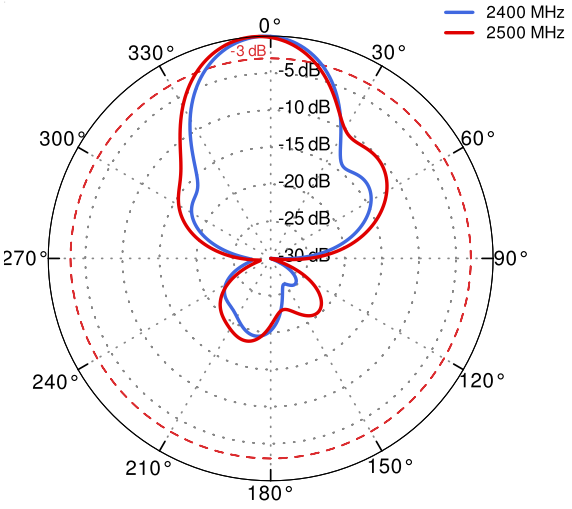


AZIMUTH

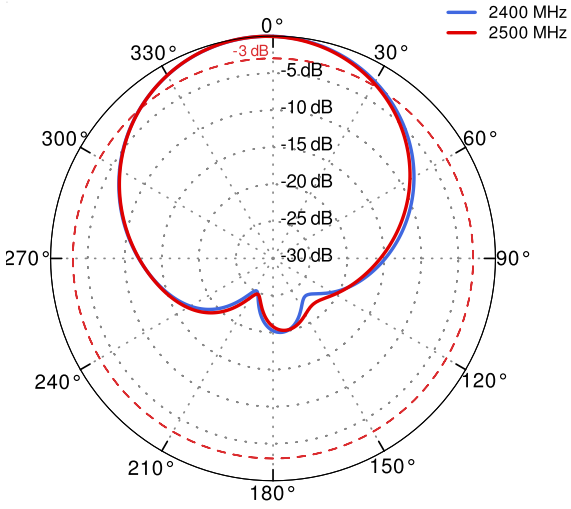


PORT 2 From 2.4GHz to 2.5GHz

ELEVATION



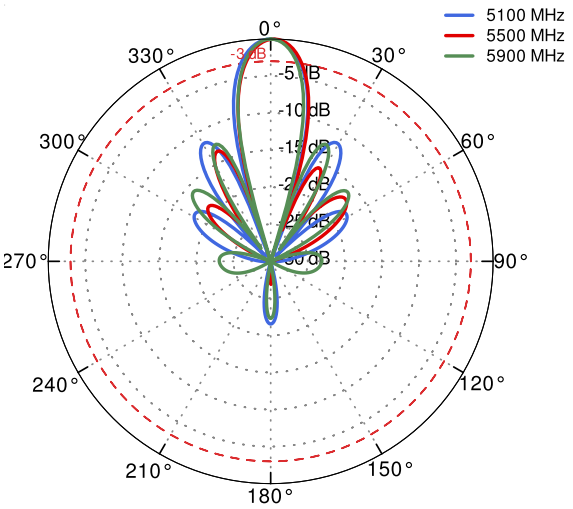
AZIMUTH



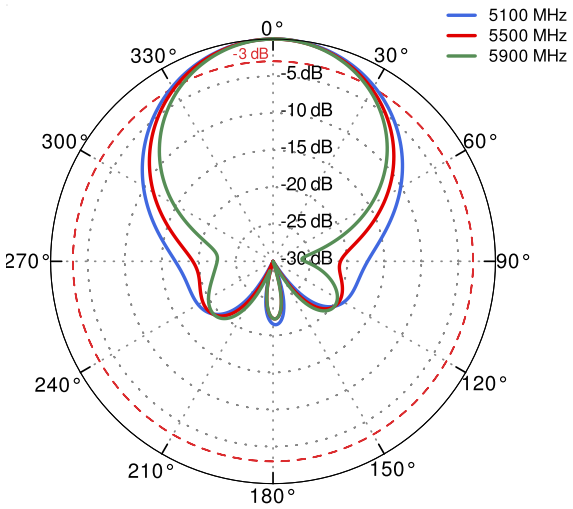
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

PORT 1 From 5.1GHz to 5.9GHz

ELEVATION

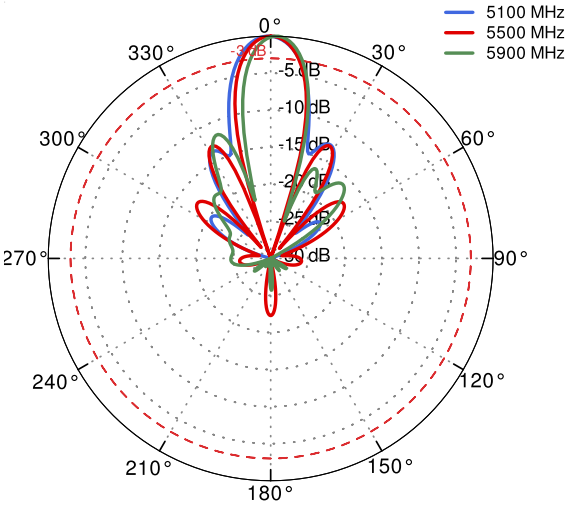


AZIMUTH

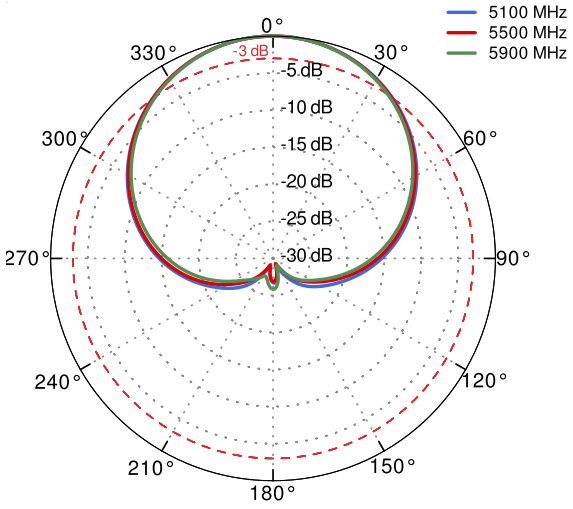


PORT 2 From 5.1GHz to 5.9GHz

ELEVATION

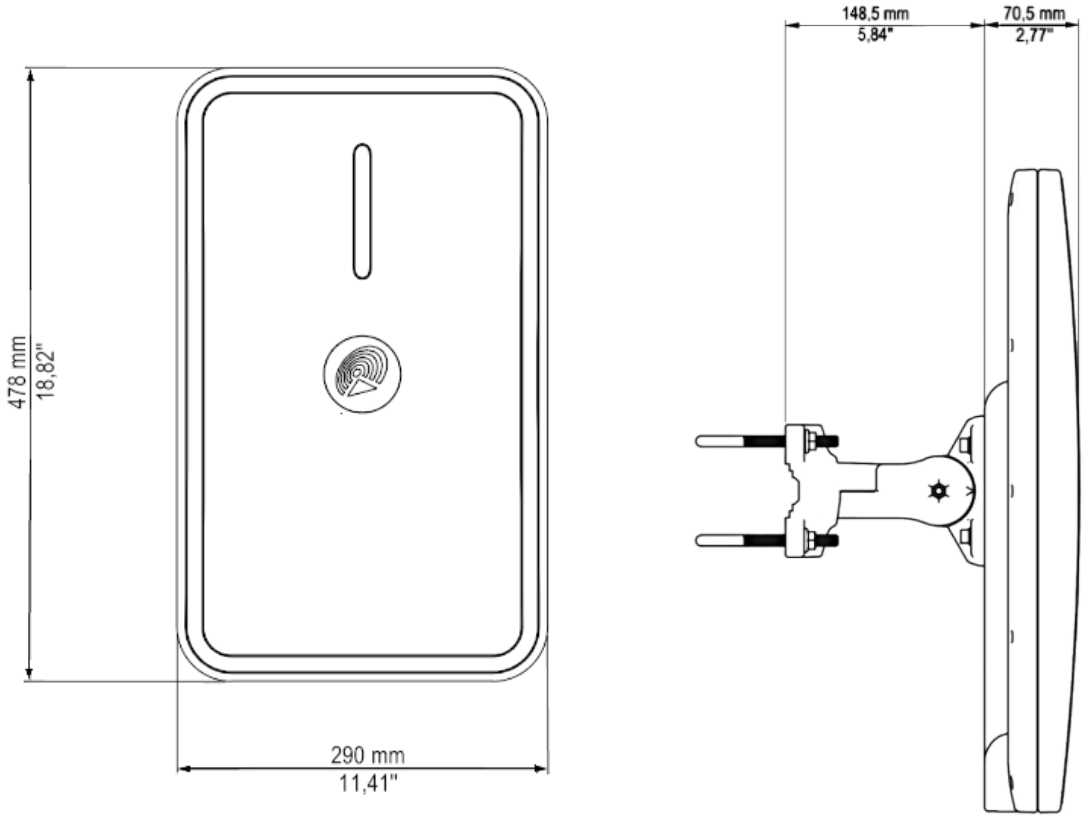


AZIMUTH



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

DIMENSIONS



QuWireless
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.