QuSector 14HV-90-3

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 following configurations: 3*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors. QuSector 14HV-90-3 was designed to be a perfect match for your access point.

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



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

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MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	3xRPSMA/3xNM/3xRPTNC
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

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COMPATIBLE ROUTERS

VARIANT: S14HV.90.3RS

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
D-LINK	DSR-1000AC
EXTREME NETWORKS	AP 7532
FORTINET	FAP-S313C, FAP-S323C, FAP-S323CR
HUAWEI	AP5130DN
JUNIPER NETWORKS	AX11
QUECLINK	WR220
TELTONIKA	RUTC40, RUTC41, RUTC42, RUTC50, RUTC54
OTHER	3 * RPSMA

VARIANT: S14HV.90.3NM

SIEMENS	6GK5748-1GD00-0AB0, 6GK5748-1GD00-0AA0, 6GK5788-1GD00-0AA0, 6GK5788-1GD00-0AB0
OTHER	3 * N-male

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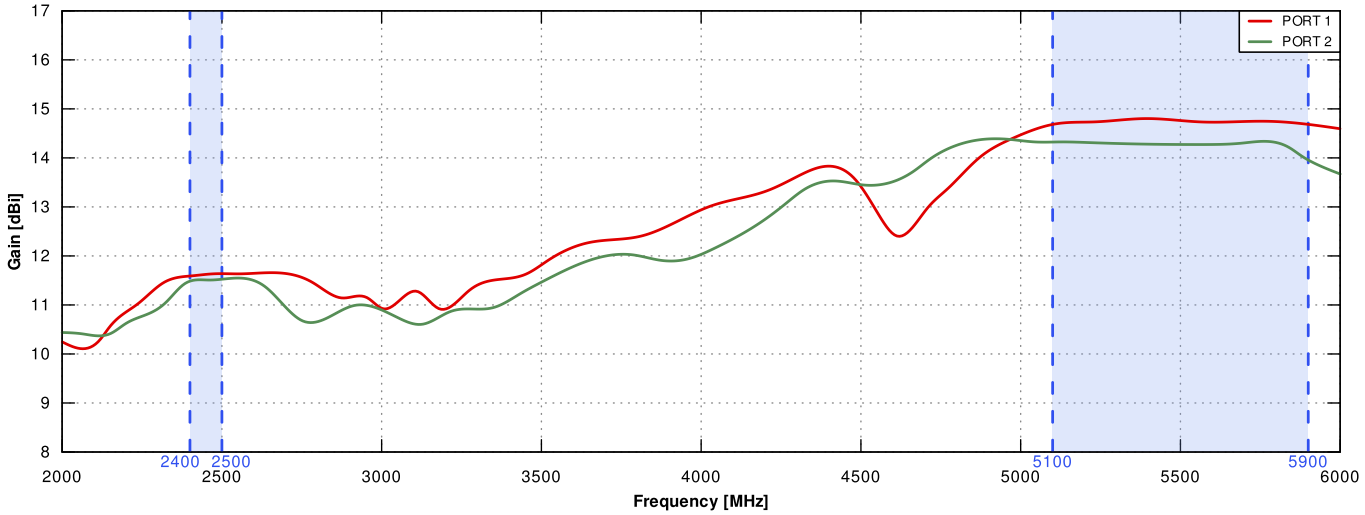
VARIANT: S14HV.90.3RT

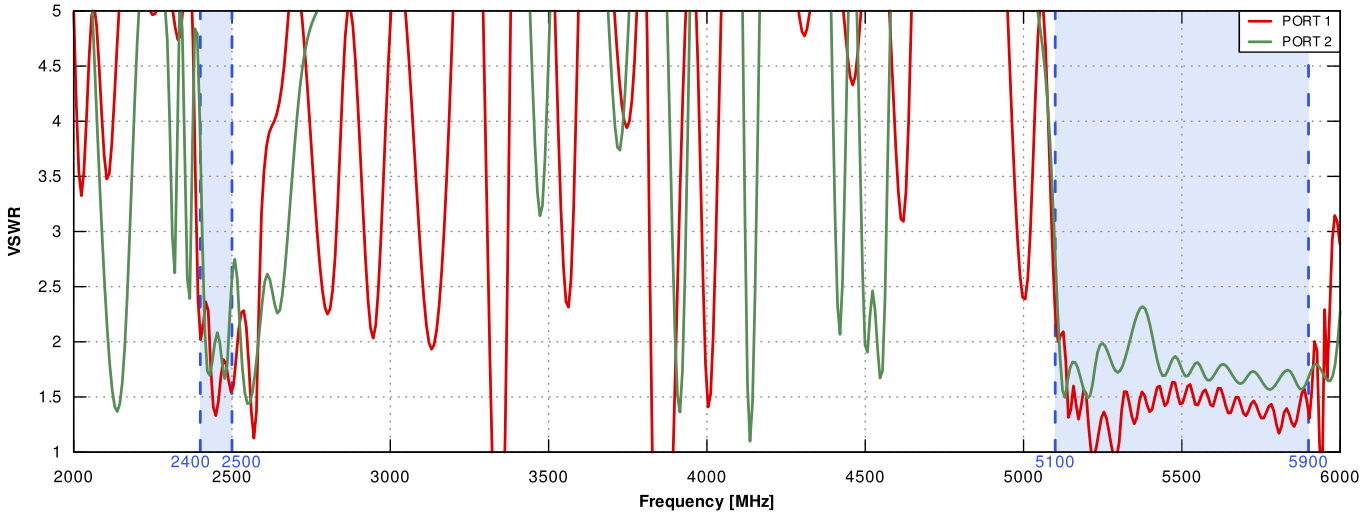
CISCO	AIR-CAP1602E
OTHER	3 * RPTNC

PLOTS

Gain



VSWR



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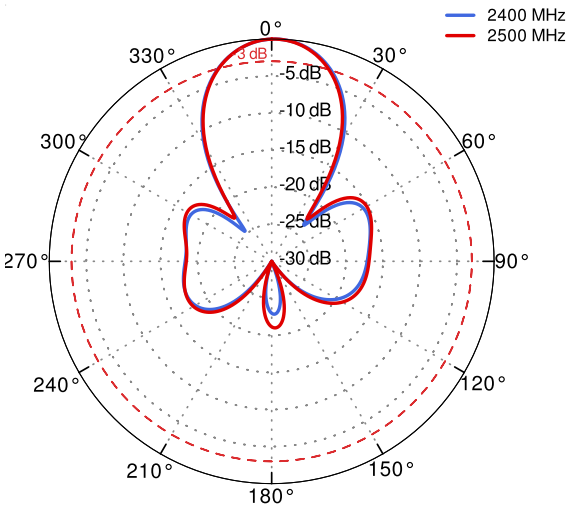
PORT 1 From 2.4GHz to 2.5GHz

ELEVATION



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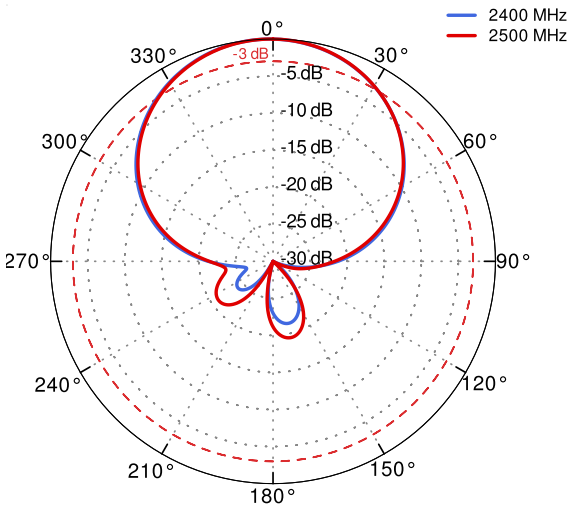
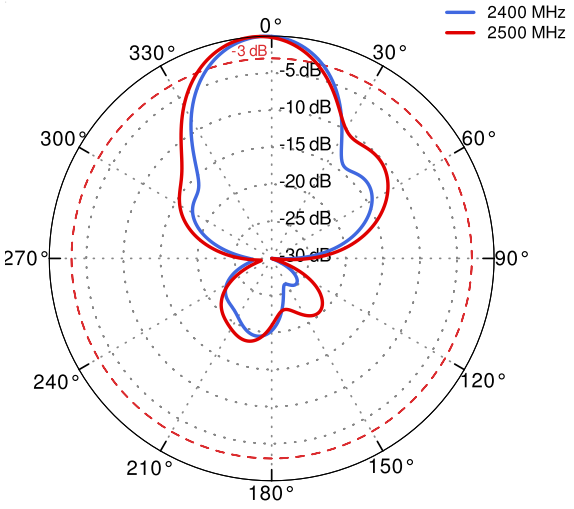


PORT 2 From 2.4GHz to 2.5GHz

ELEVATION



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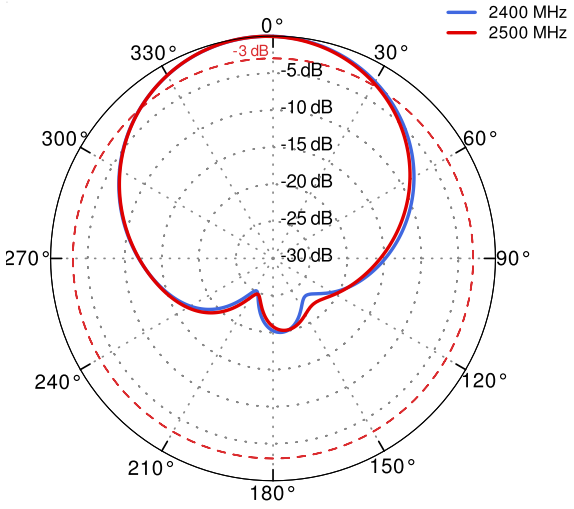

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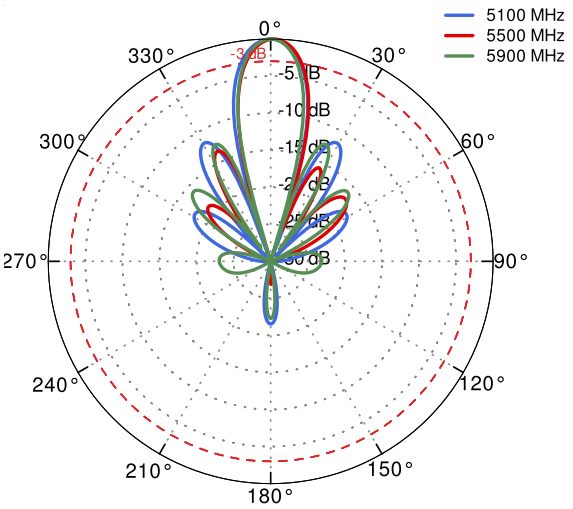
PORT 1 From 5.1GHz to 5.9GHz

ELEVATION



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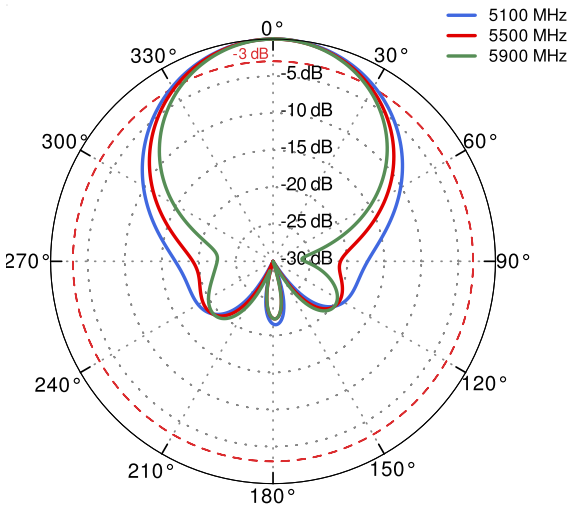
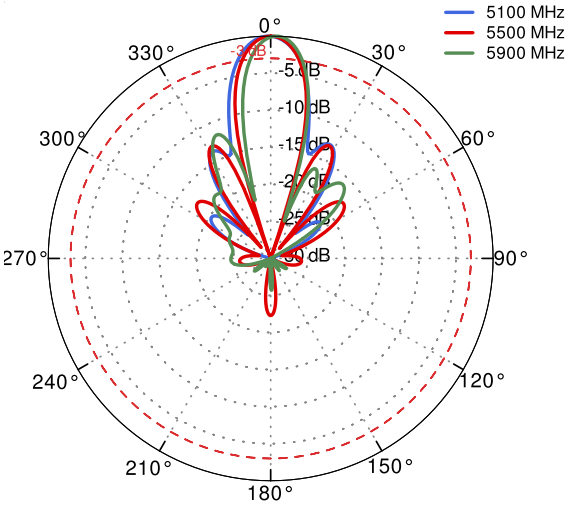


PORT 2 From 5.1GHz to 5.9GHz

ELEVATION



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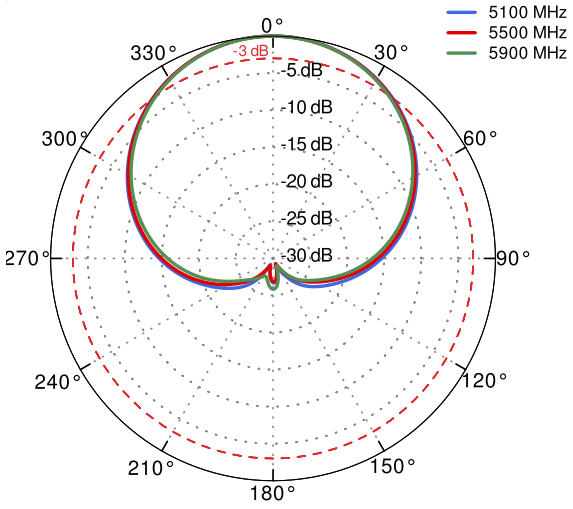

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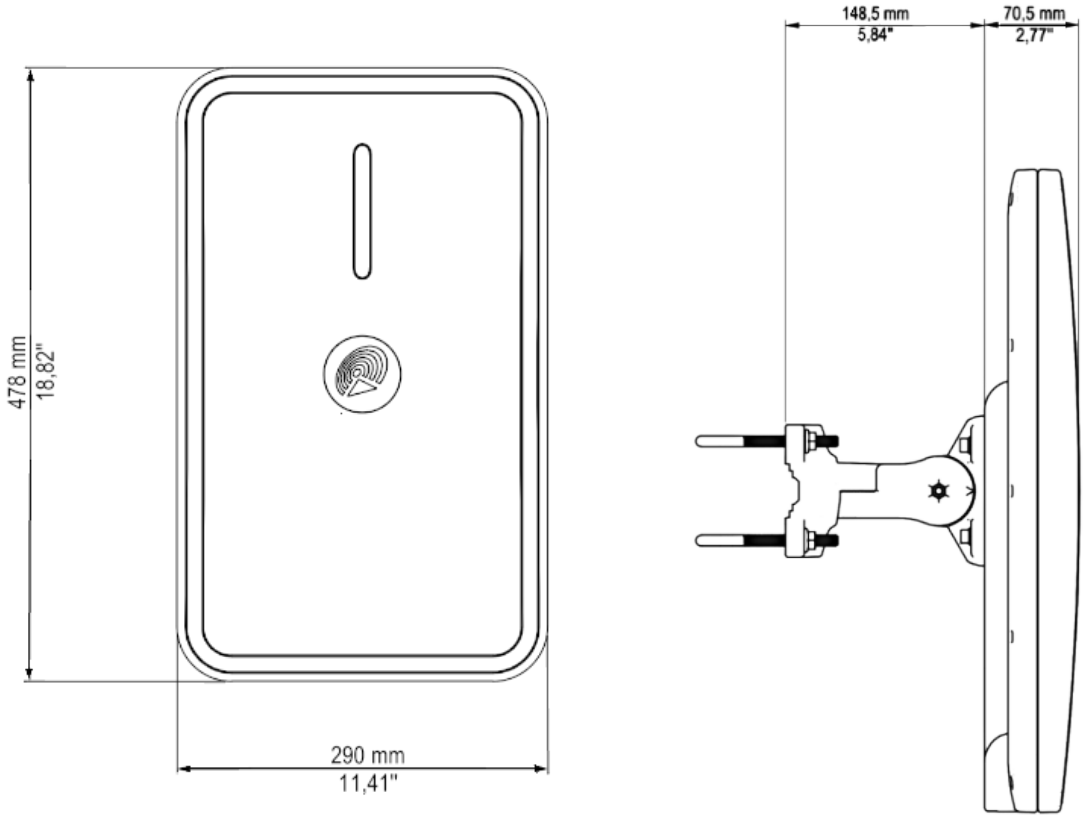
DIMENSIONS



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