

# QuSector 14HV-30-4522 Wi-Fi 6e Nf

QuSector 14HV-30-4522 Wi-Fi 6e Nf offers a 30x30 degree signal with 14 dBi gain with 4 connectors 5 - 7.125 GHz (MIMO 4x4) and 2 connectors 2.4 GHz (MIMO 2x2).

QuSector 14HV-30-4522 Wi-Fi 6e / Wi-Fi 7 is an excellent external and internal antenna for industrial installations that use Access Points with two radio modules (separate **MIMO 4x4 for 5/6/7 GHz** and separate **MIMO 2x2 for 2.4 GHz**). Thanks to medium gain, it can be used over short and medium distances, for example to urban hotspots, stadiums or public places. The high-quality injection molded housing allows it to be implemented in combination with **IP67** indoor and outdoor solutions. A wide frequency range (2.4-2.5 GHz and 5.1-7.125 GHz) helps you find the right frequency for the most effective operation. The antenna is supplied with six Nf connectors.

**Wi-Fi 6E**  
2.4GHz + 5GHz  
6GHz + 7GHz  
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 - 7.125GHz
GAIN	14 dBi
VSWR	< 2.00
BEAMWIDTH	30°/30°
POLARIZATION	Horizontal Vertical
IMPEDANCE	50 $\Omega$
SEPARATION BETWEEN CONNECTORS	>30 dB
FRONT-TO-BACK	> 20dB >25dB
MAX INPUT POWER	50W
DC GROUND	Yes

## MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	6xNf
OUTER DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 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 - 60mm  
0.98-2.36 inch

### MATERIAL

Polyamide with fiberglass + galvanized steel U-Bolts

### MOUNTING PLACE

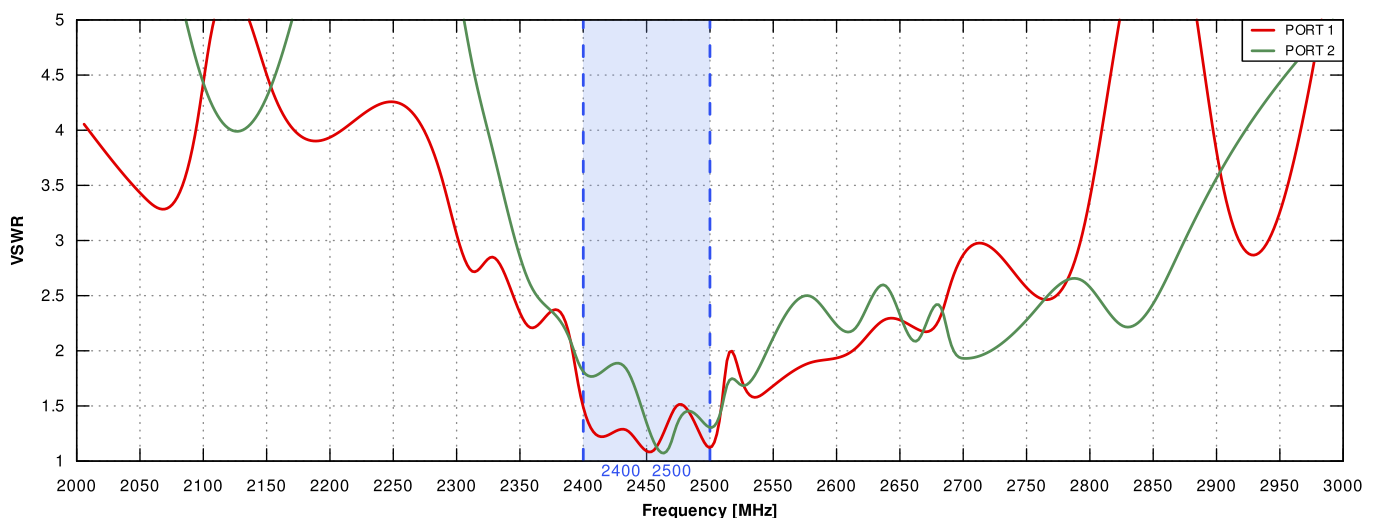
Wall or ceiling or mast

## COMPATIBLE ROUTERS

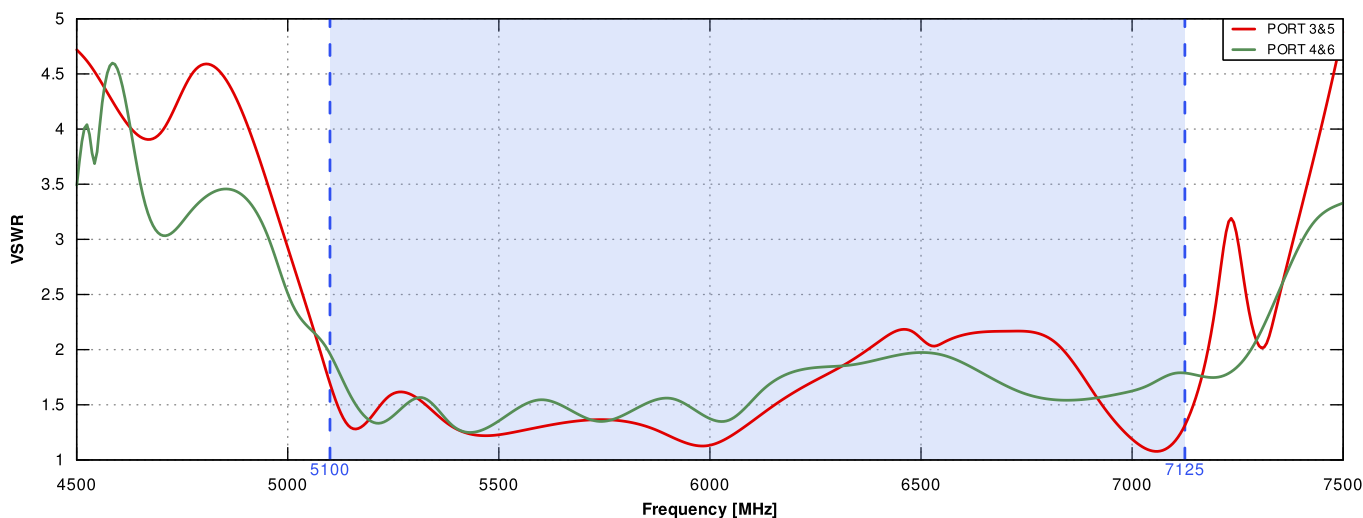
VARIANT: S14HV.30.4522NF

## PLOTS

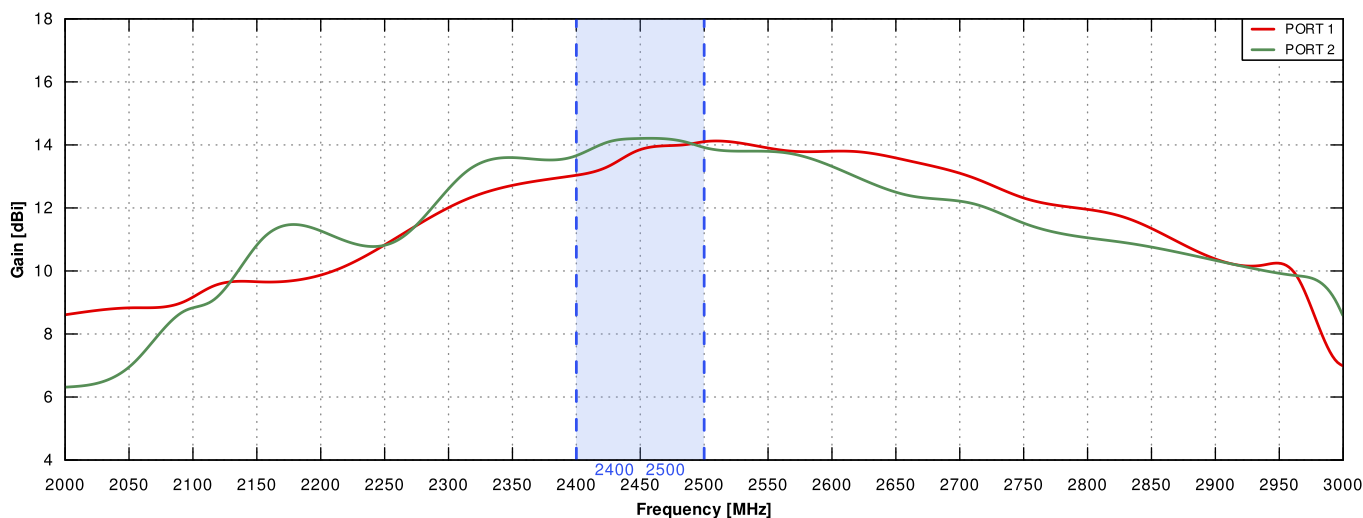
VSWR 2.4GHz to 2.5GHz



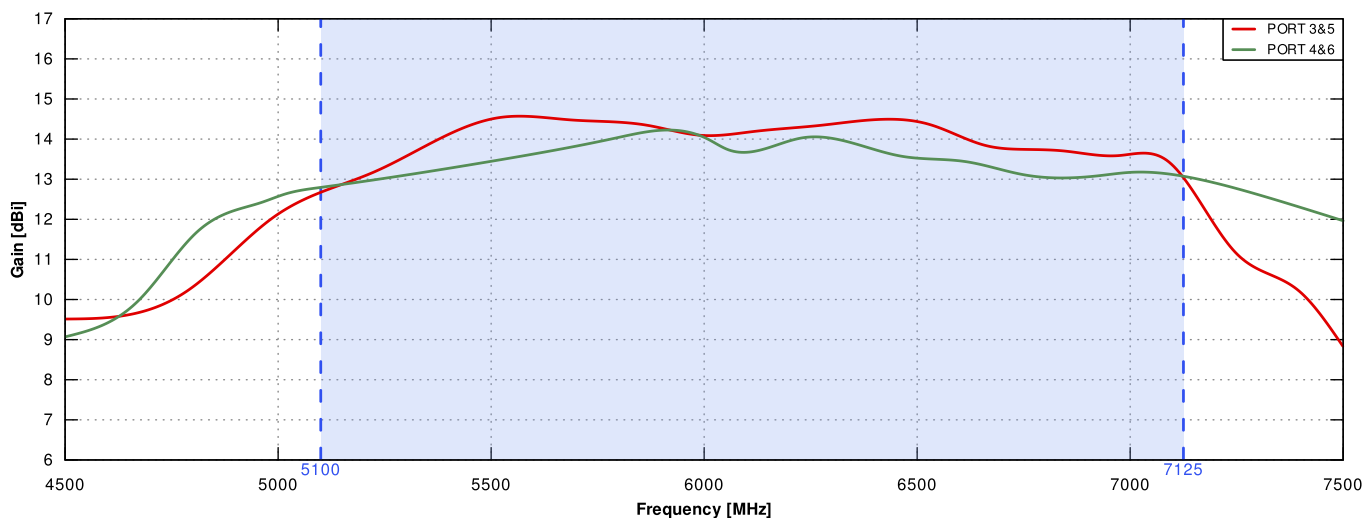
## VSWR 5.1GHz to 7.125GHz



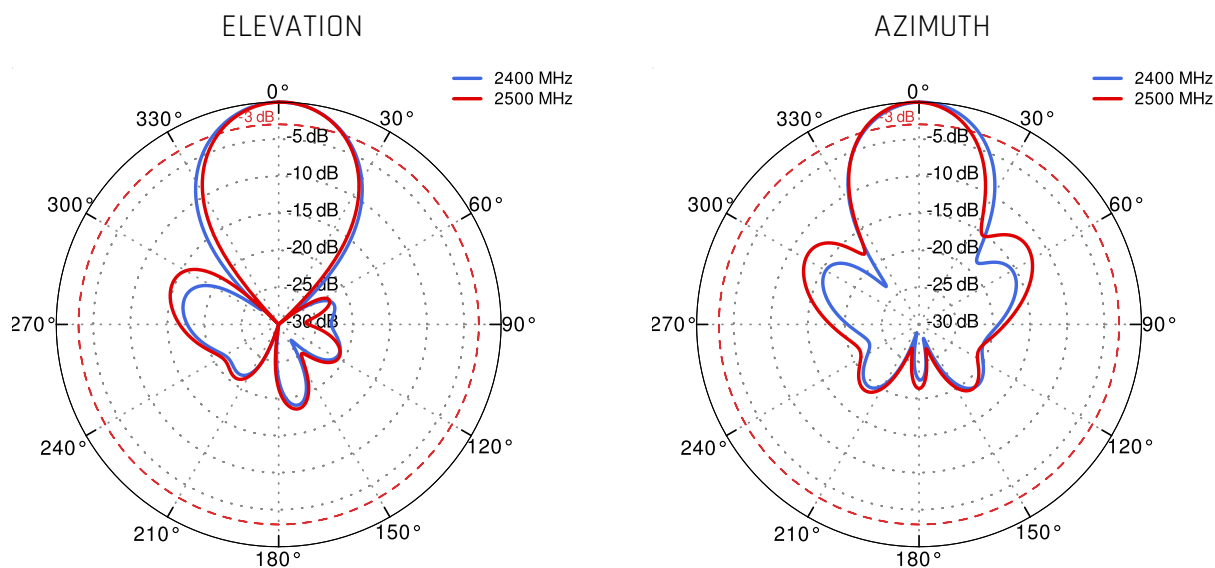
## Gain 2.4GHz to 2.5GHz



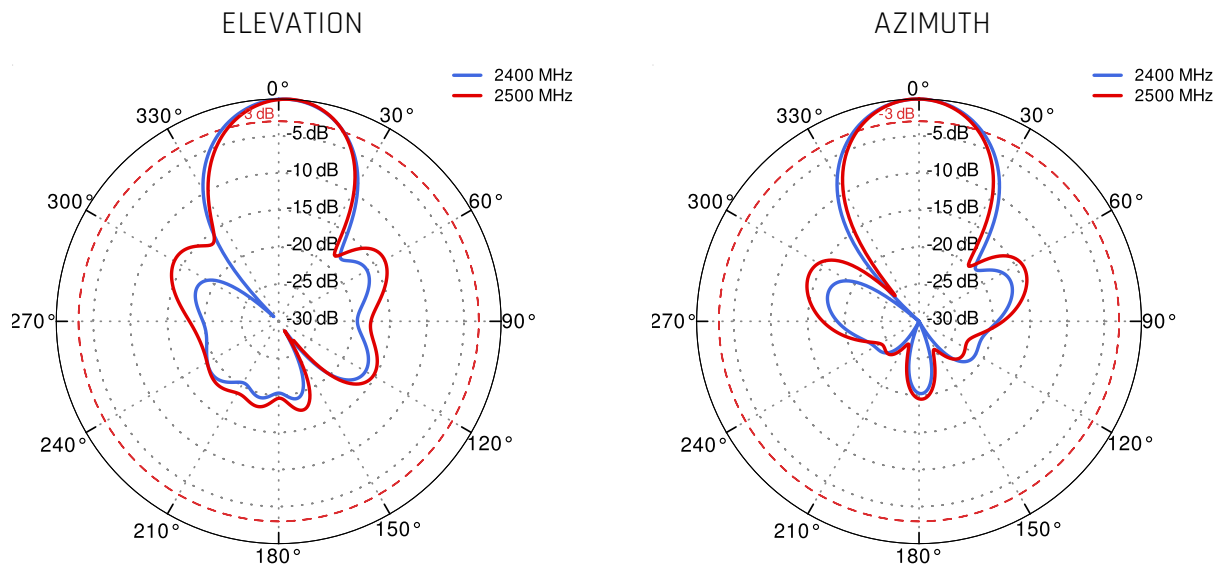
## Gain 5.1GHz to 7.125GHz



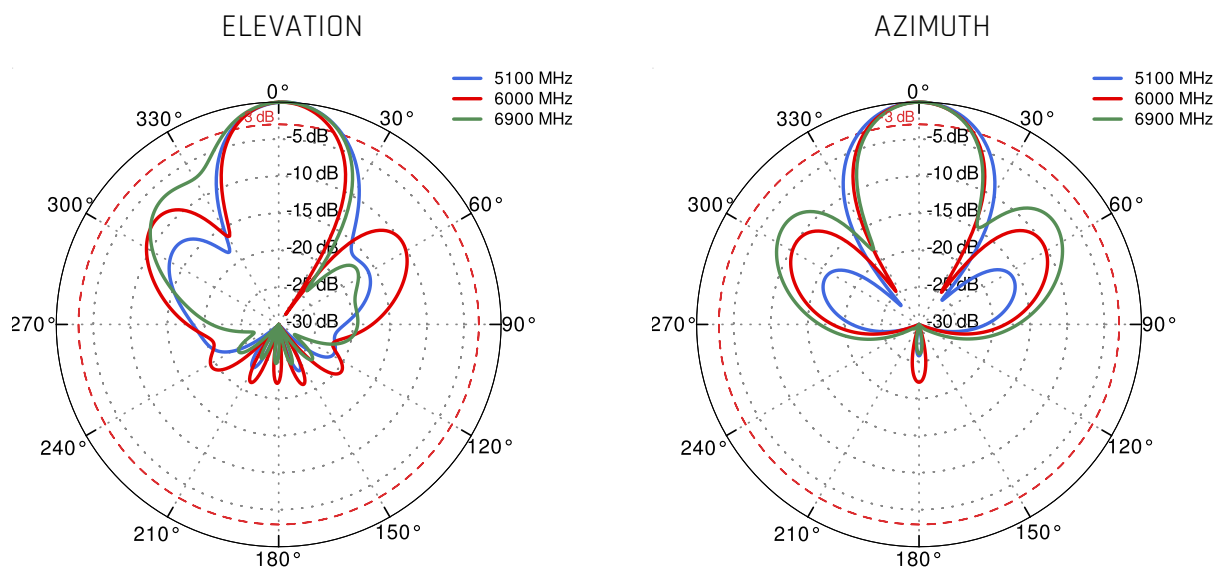
## PORT 1 from 2.4GHz to 2.5GHz



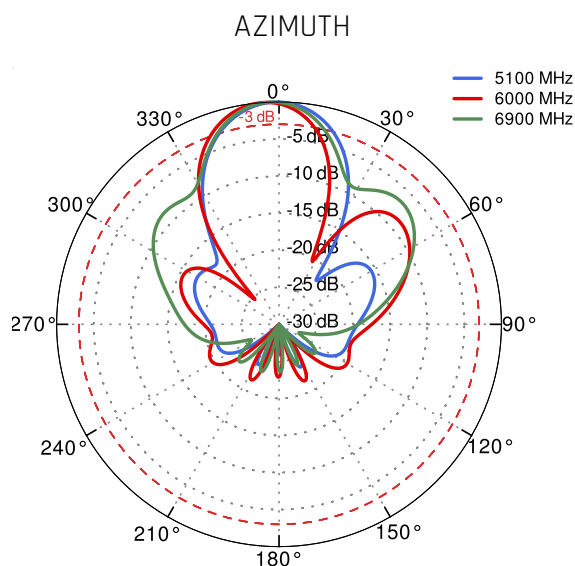
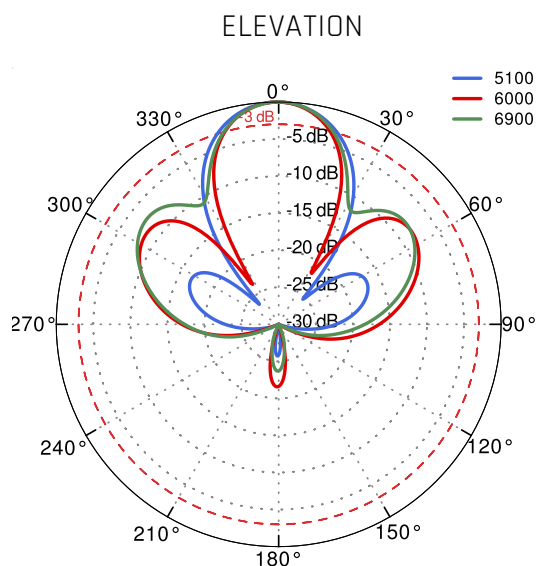
## PORT 2 from 2.4GHz to 2.5GHz



## PORT 3, 5 from 5.1GHz to 6.9GHz



PORT 4, 6 from 5.1GHz to 6.9GHz



## DIMENSIONS

