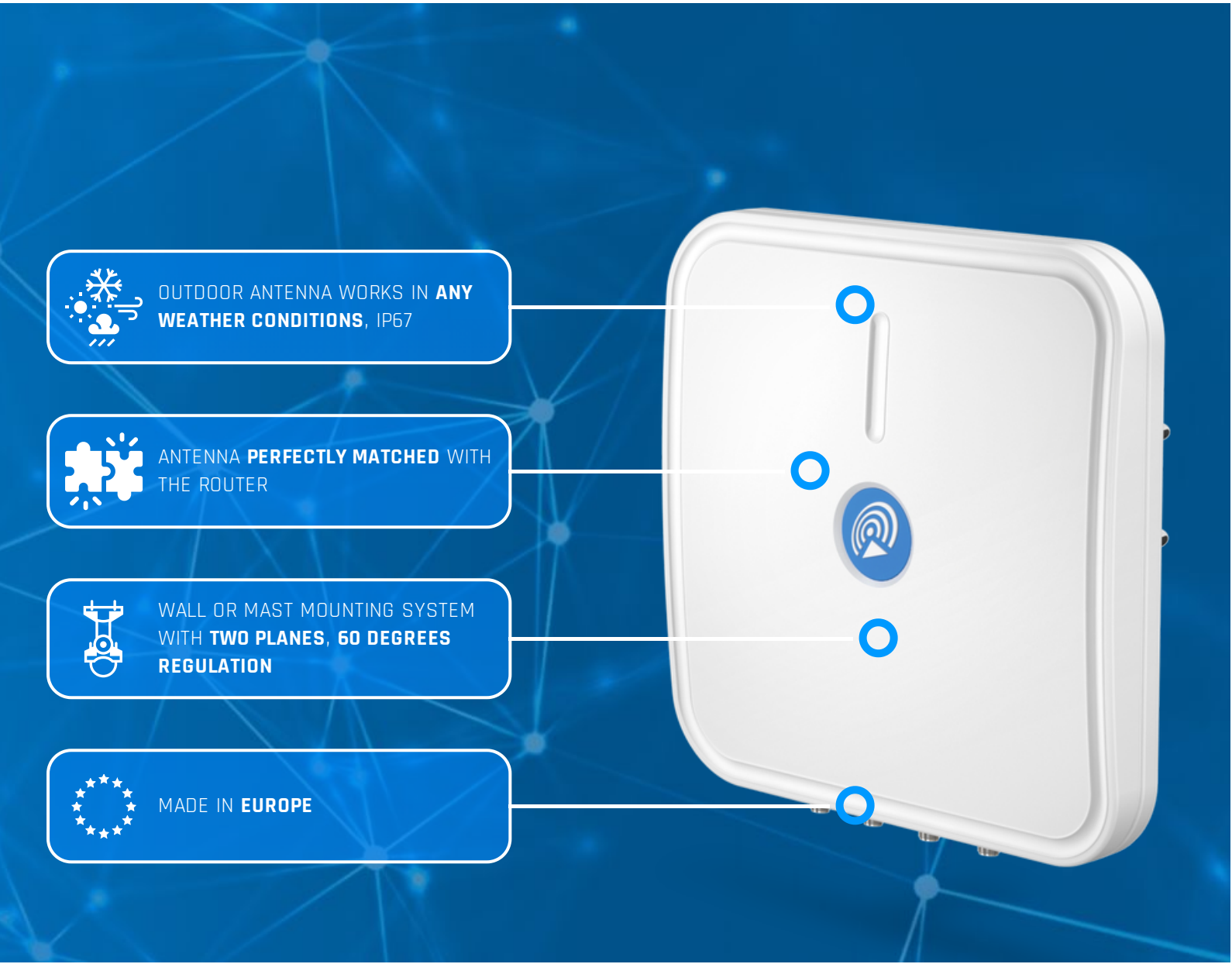
# QuSector 17HV-90-4 Nf Wi-Fi 6E

**QuSector 17HV-90-4 offers a 90 degrees, 17dBi gain signal with four Nf connectors. It is a perfect indoor and outdoor device for industrial installations.**

QuSector 17HV-90-4 is a concurrent, dual-band, H&V polarity, MIMO 4x4 panel antenna. It simultaneously operates at 2.4GHz with 14dBi gain and **5GHz + 7GHz** with 17dBi gain. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. Due to its high 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 with integrated Nf connectors.
QuSector 17HV-90-4 was designed to be a perfect match for your access point.



# WI-FI SPECIFICATION

| | |
|---|---|
| **FREQUENCY** | 2.3 - 2.6GHz<br>5.1 - 7.125GHz |
| **GAIN** | 2.3 - 2.6 GHz : 14 dBi<br>5.1 - 7.125 GHz : 17 dBi |
| **VSWR** | < 2 |
| **BEAMWIDTH** | 2.3 - 2.6 GHz : 90° /16°<br>5.1 - 7.125 GHz : 90° /8° |
| **POLARIZATION** | Horizontal<br>Vertical |
| **IMPEDANCE** | 50 Ω |
| **SEPARATION BETWEEN CONNECTORS** | >30 dB |
| **FRONT-TO-BACK** | 2.3 - 2.6 GHz: > 23 dB<br>5.1 - 7.125 GHz: > 25 dB |
| **MAX INPUT POWER** | 50W |
| **DC GROUND** | Yes |


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# MECHANICAL SPECIFICATION

| | |
|---|---|
| MATERIAL | ASA |
| CONNECTOR | 4xNf |
| OUTER DIMENSIONS | 39.2 x 39.6 x 7.7 cm<br>15.43 x 15.59 x 3.03 inch |
| WEIGHT | 1.8 kg |
| OPERATING TEMPERATURE | -40°C to +80°C<br>-40°F to 176°F |

# MOUNTING KIT

| | |
|---|---|
| DIMENSIONS | 9.9 x 10.5 x 14.8 cm<br>3.9 x 4.13 x 5.83 inch |
| REGULATION RANGE | +/- 30° |
| MAST DIAMETER RANGE | 25 - 66mm<br>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: S17HV.90.4NF

| | |
|---|---|
| RAJANT | BreadCrumb ES1–5050CS, BreadCrumb LX5–2255A, BreadCrumb LX5–2255B, BreadCrumb LX5–2455D, Cardinal AG1, Hawk BreadCrumb FE1–4950, Hawk BreadCrumb® FE1–5050 / FE1–5050A, Peregrine BreadCrumb® FE1–2255B, Peregrine LTE BreadCrumb FE1–2455LS, Peregrine LTE BreadCrumb FE1–2455LW, Sparrow BreadCrumb ME5–5050CS |
| ADTRAN | Bluesocket 1925, Bluesocket 6120 |
| ADVANTECH | EKI-6333AC-2G, EKI-6333AC-4GP, EKI-6333AC-M12 |
| AEROHIVE NETWORKS | AP1130 |
| ALCATEL-LUCENT | Stellar AP1222, Stellar AP1322 |
| ARISTA | O-105E |
| ARUBA | AP-314, AP-324, AP-334, AP-344, AP-514, AP-534, AP-584, AP-634, AP-674, AP-734, AP-764, IAP-314, IAP-324, IAP-334 |
| CISCO | AIR-CAP1532E, AIR-CAP1562E, AIR-CAP1572EAC, AIR-CAP1572EC, AIR-CAP1852E, AIR-CAP2602E, AIR-CAP2702E, AIR-CAP2802E, AIR-CAP3602E, AIR-CAP3702E, AIR-CAP3702P, AIR-CAP3802E, AIR-CAP3802I, AIR-CAP3802P, Catalyst 9115AXE, Catalyst 9120AXE, Catalyst 9120AXP, Catalyst 9163E, Catalyst IW6300, Catalyst IW9165E, CW9174E, CW9179F, IW3702-2E, IW3702-4E, MR42E, MR46E, MR53E, MR74, MR76, MR84, MR86 |
| COMSET | CM770W-6 |
| D-LINK | DWL-6600AP, DWL-6610APE, DWL-8600AP, DWL-8710AP |
| DIGI | TX64 |


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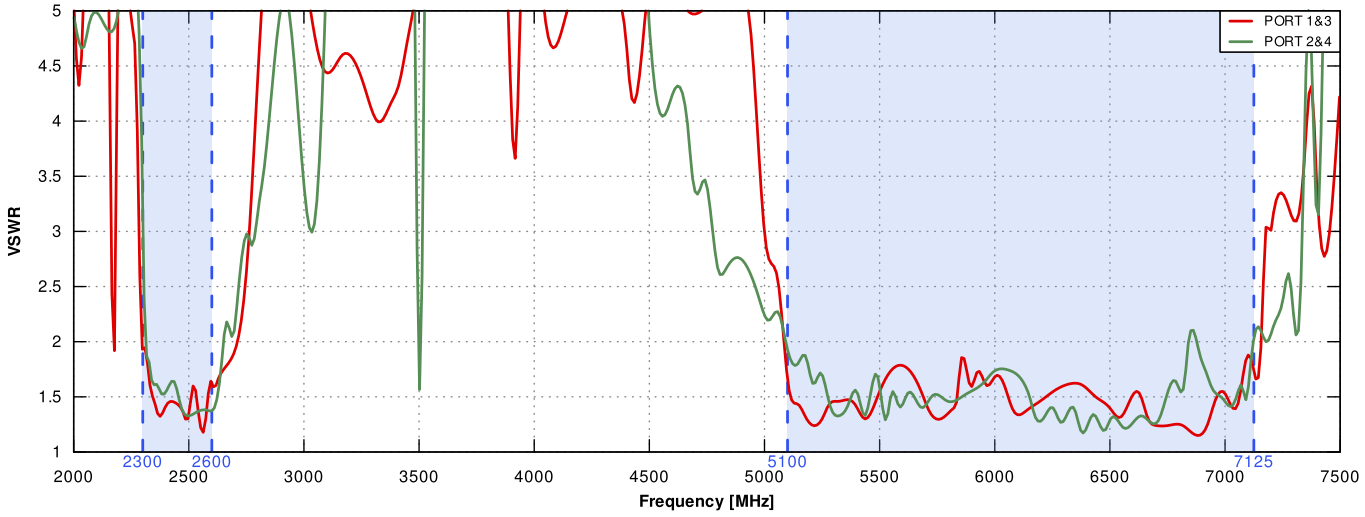
| | |
|---|---|
| ENGENIUS | EAP1300EXT, ECW160, ECW260, ENH1350EXT, ENS620EXT, ESW850, EWS850-FIT |
| ERICSSON (CRADLEPOINT) | E3000, R2400 |
| EXTREME NETWORKS | AP 305Cx, AP 360E, AP 3965E, AP 8533, AP3000X, AP310e |
| FORTINET | AP1020E, AP822E, FAP-222C, FAP-223C, FAP-223E, FAP-224D, FAP-433F, FAP-433G, FAP-C225C, FAP-U223EV, FAP-U432F |
| FOUR-FAITH | 5G Industrial CPE F-NR200 |
| HUAWEI | AirEngine 9700D-S, AP6150DN, AP6510DN-AGN, AP6610DN-AGN, AP6760R-51E, AP8150DN |
| JUNIPER NETWORKS | AP41E |
| MIKROTIK | L23UGSR-5HaxD2HaxD, RB912 |
| MILESIGHT | UR75 |
| MIST | AP32E, AP41E, AP43E, AP61E |
| PEPLINK | AP Pro AX, Balance 310 fiber 5G, MAX HD2, MAX HD4 |
| RAJANT | BreadCrumb ES1–5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Cardinal AG1, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1–2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS |
| RUCKUS | T750SE |
| SIEMENS | 6GK5788-1GY01-0AA0, 6GK5748-1GY01-0AA0, SCALANCE W1788 |
| WAVETEL | W3604 Multi-WAN, W3608 Multi-WAN |
| WLINK | G930 |


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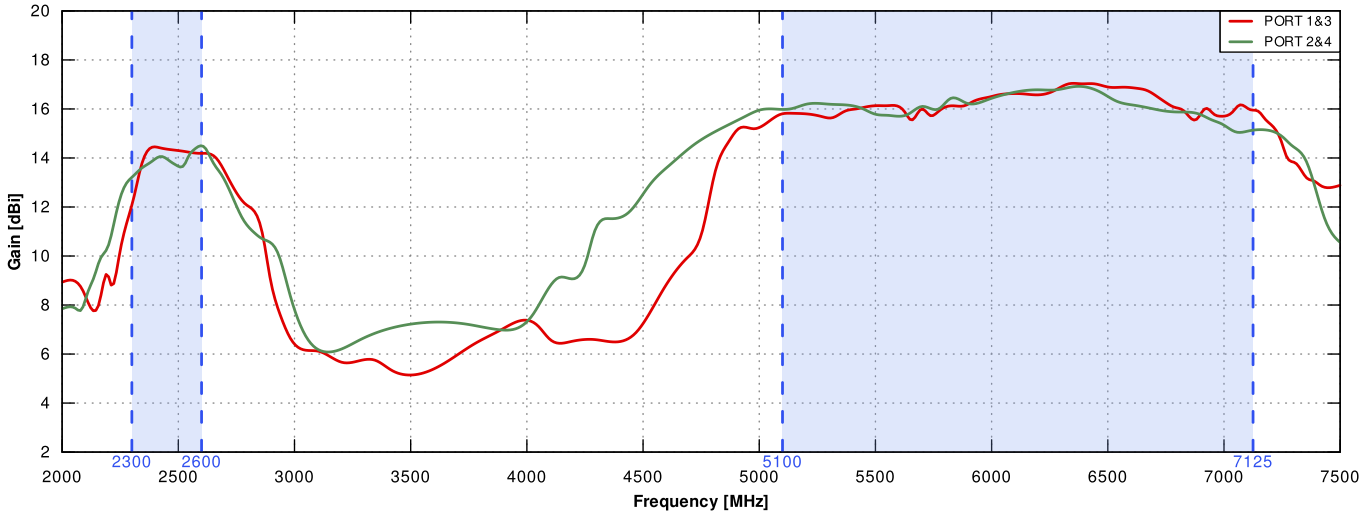
| | |
|---|---|
| XIRRUS | XH2-120 |
| OTHER | 4 * N-male, 4 * RPSMA, 4 * RPTNC |

# PLOTS

## VSWR




## Gain

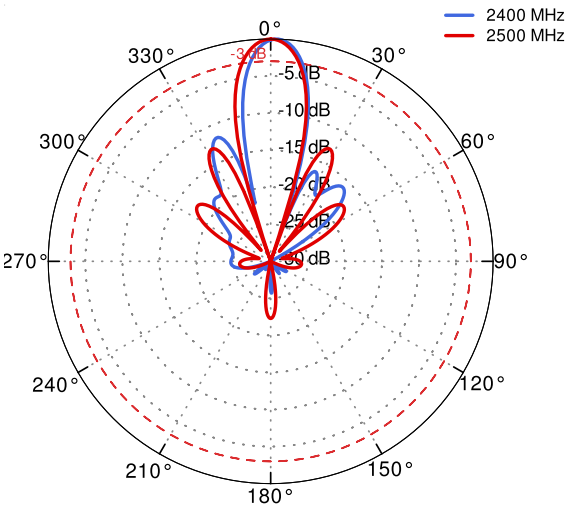




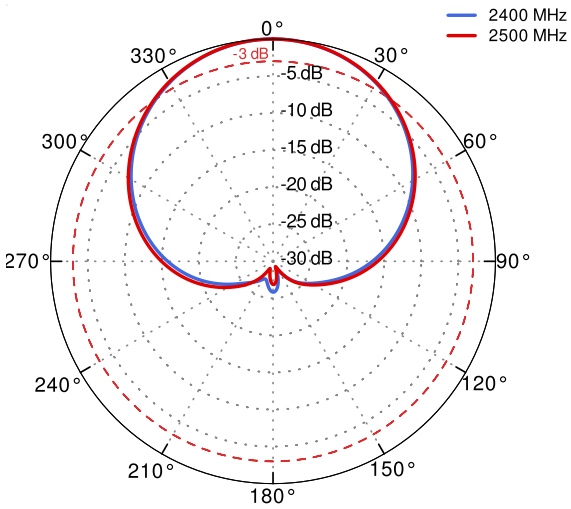
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## PORT 1&3 From 2.4GHz to 2.5GHz

ELEVATION

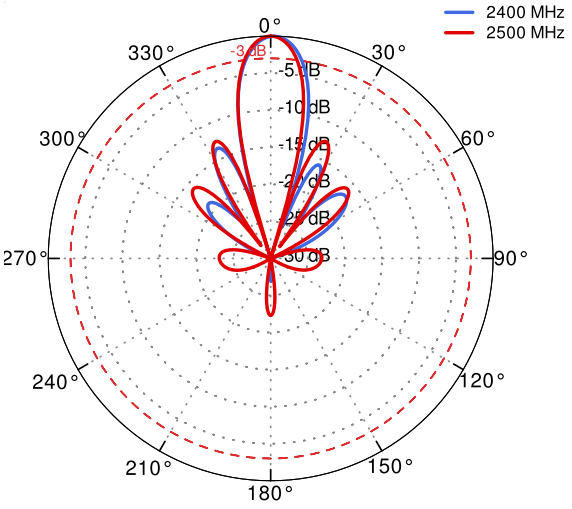



AZIMUTH

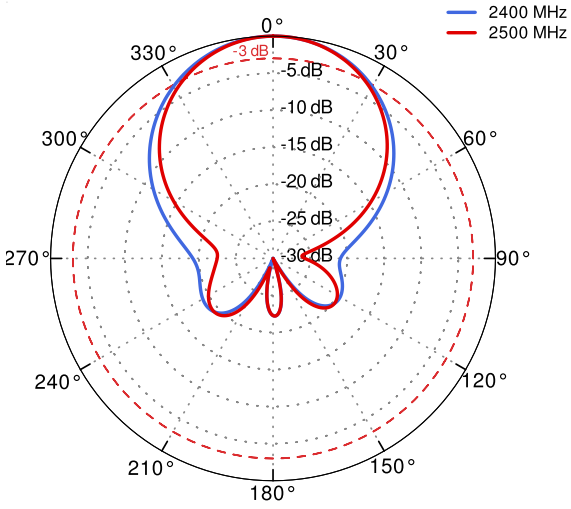



## PORT 2&4 From 2.4GHz to 2.5GHz

ELEVATION




AZIMUTH

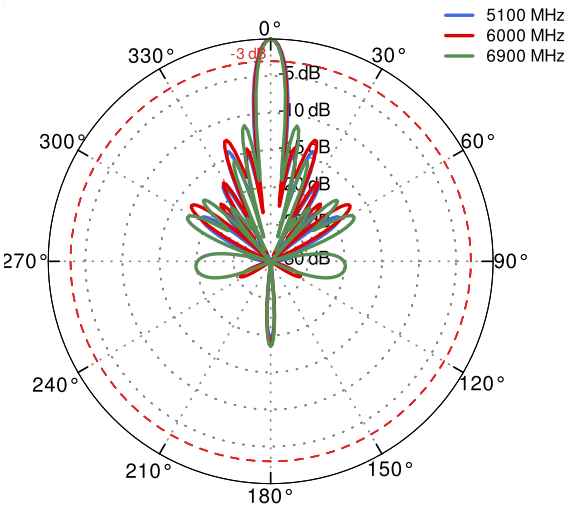




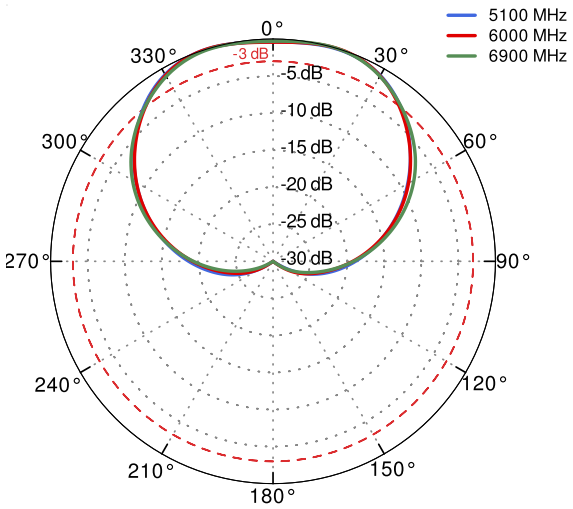

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## PORT 1&3 From 5.1GHz to 5.9GHz

ELEVATION

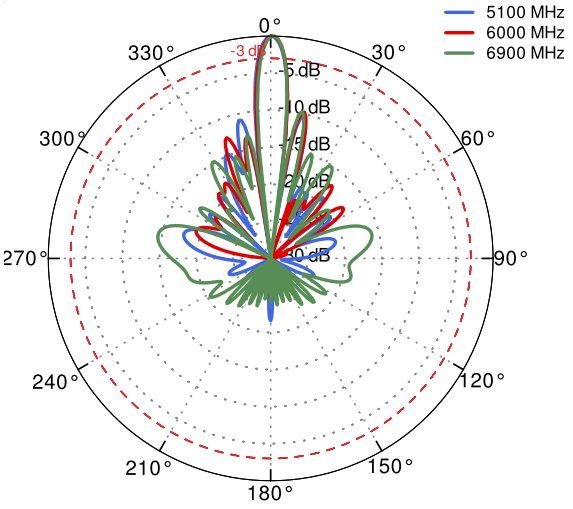



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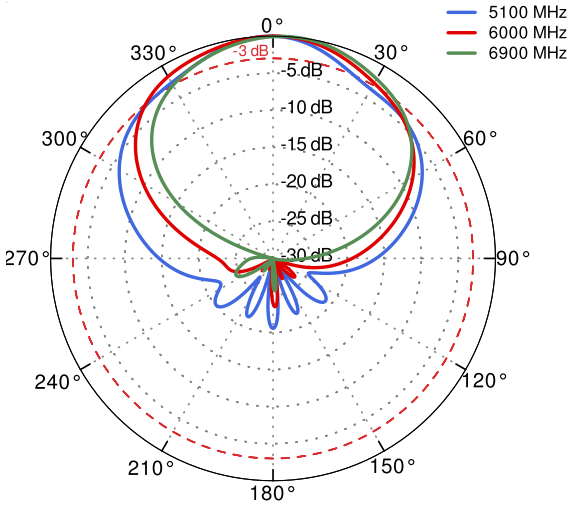



## PORT 2&4 From 5.1GHz to 5.9GHZ

ELEVATION




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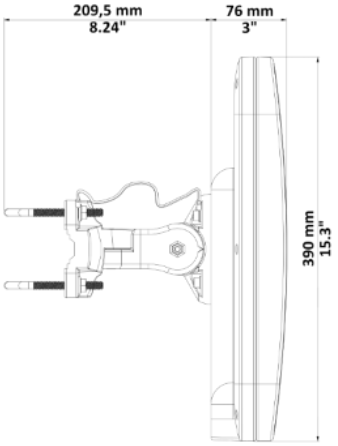





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# DIMENSIONS




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