

GPS/GSM/WIFI antenna | 2J866B

## reference

# 2J866B

mounting position  
frequency

**Body mount**  
**AMPS / 900/1800/1900/2100/MHz**  
**Bluetooth-Wifi 2400 MHz/GPS**

impedance  
gain

**50 Ohms**  
**GPS: 26dB - 27dB (LNA)**

noise figure  
voltage supply  
current  
power max.

**GSM: 3dBi max.**  
**WIFI: 3dBi max.**  
**GPS: 1.15dB**  
**2,7V - 5,5V (GPS)**  
**15mA - 25mA**  
**138 mW**

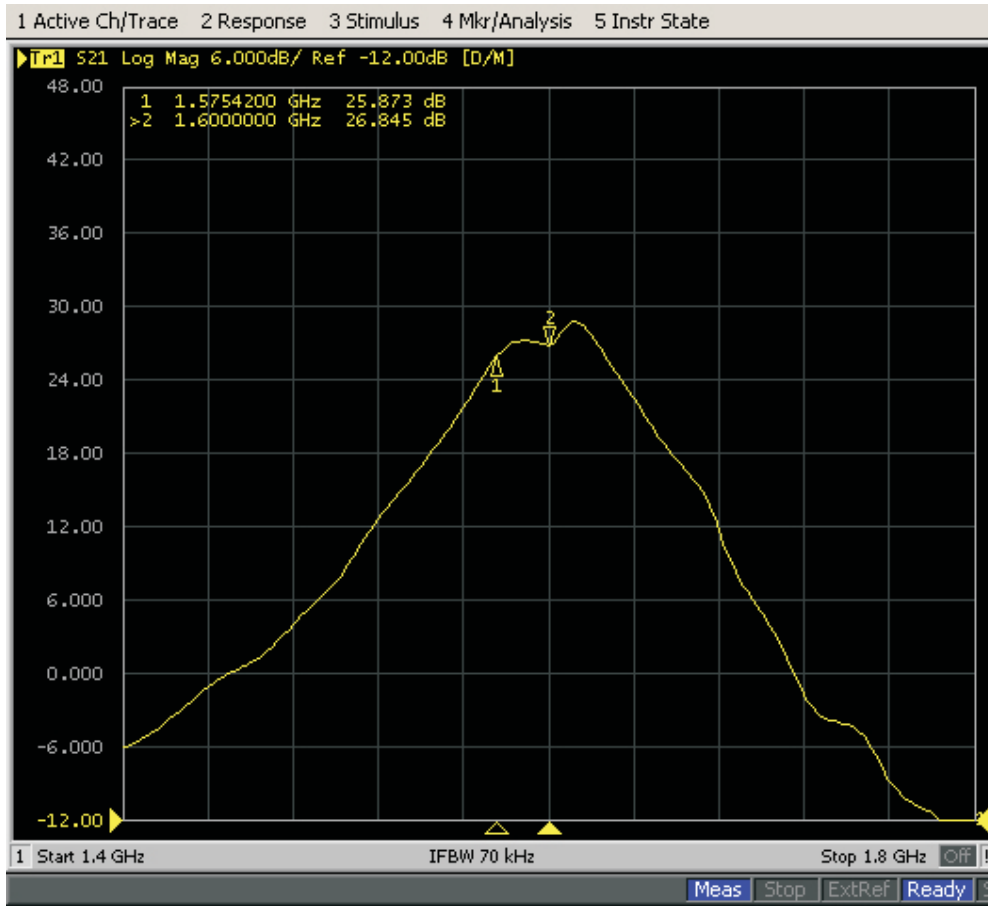
VSWR

**<2:1 for GSM**  
**<1,2:1 for GPS**  
**<1,5:1 for WIFI**

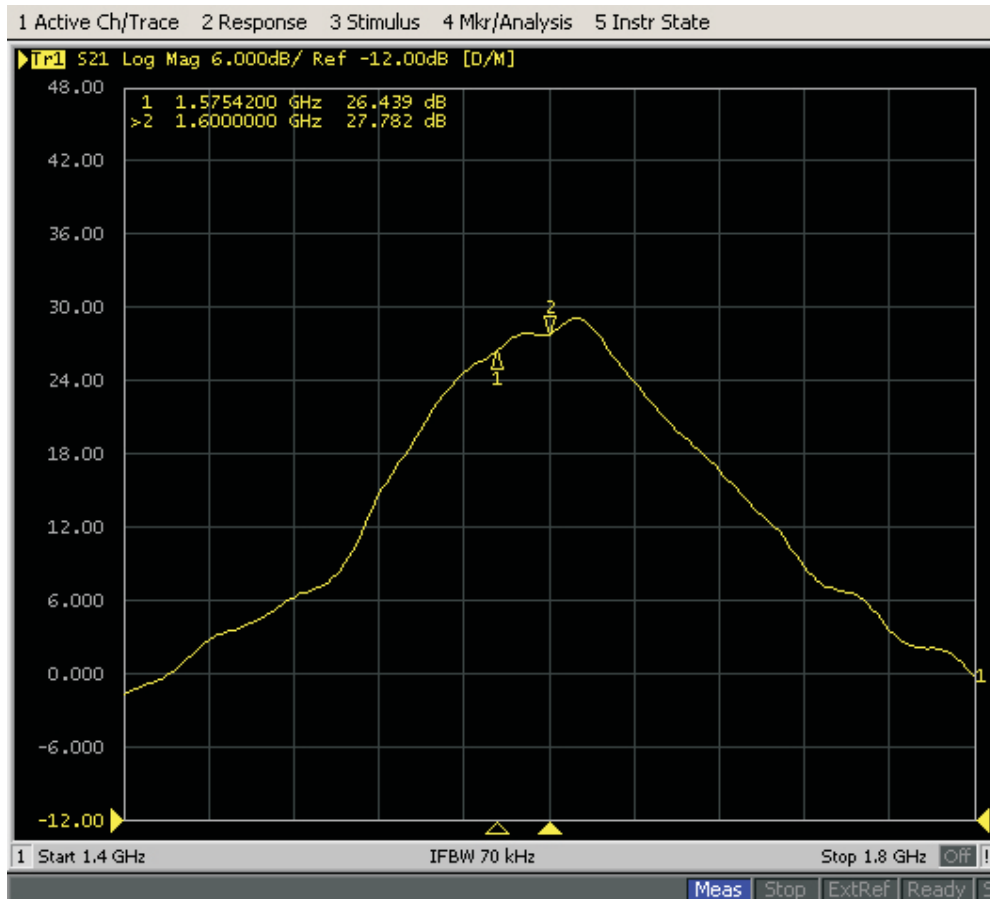
polarization  
cable  
cable length, connector  
housing size  
working temperature

**GPS: RHCP; GSM/WIFI: Vertical**  
**3 x RG174**  
**upon request**  
**91mm x 52mm x 48mm (LxWxH)**  
**-40°C to +85°C**

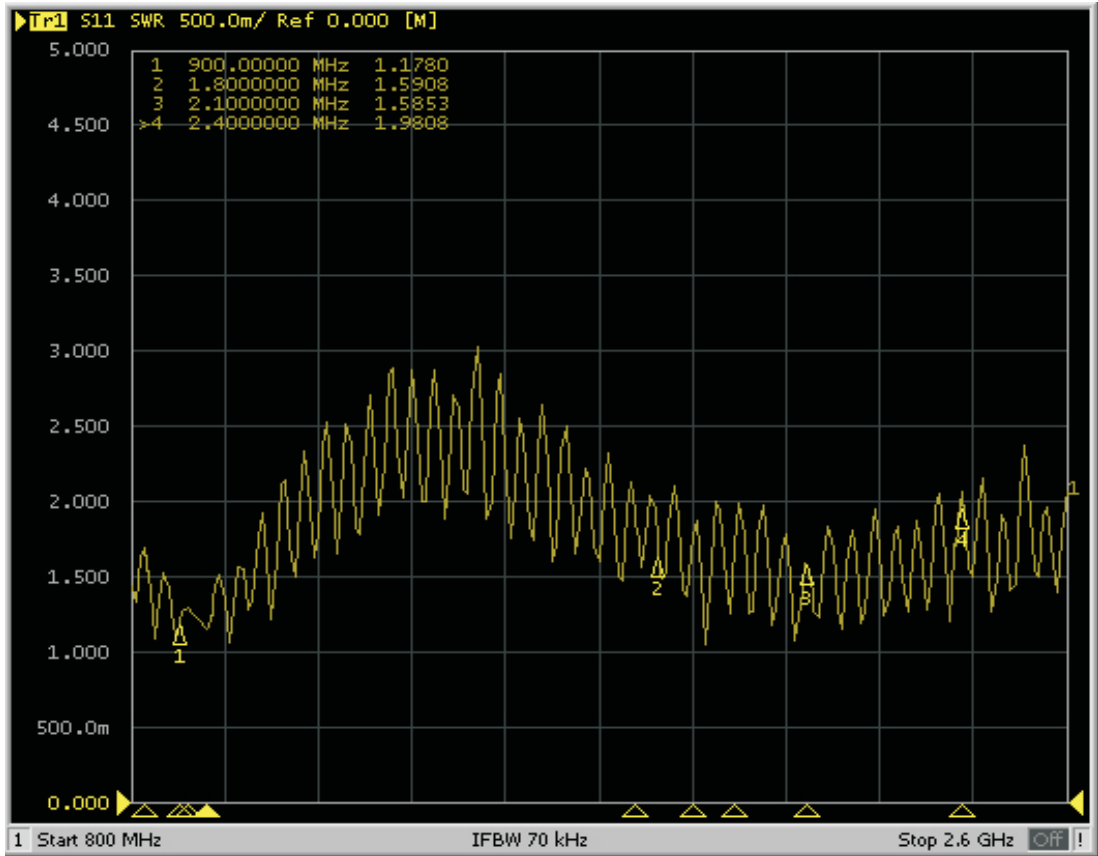
# GPS 3V



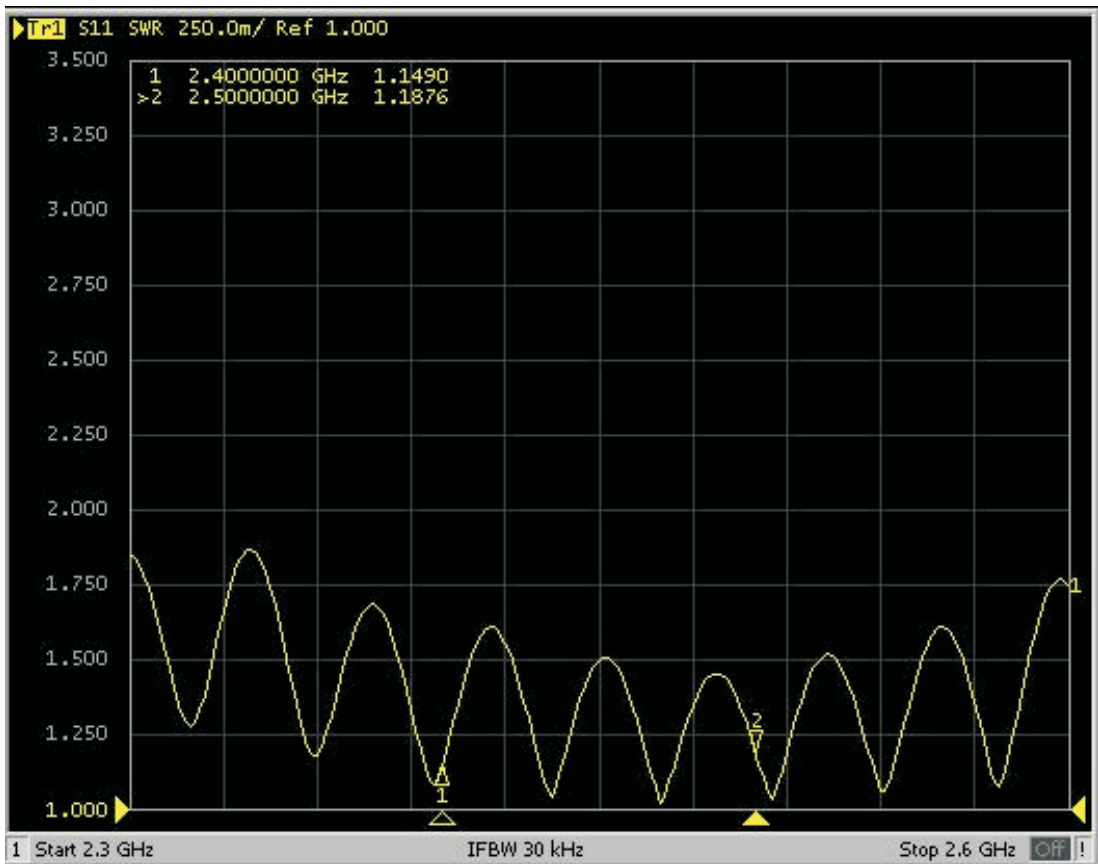
# GPS 5V



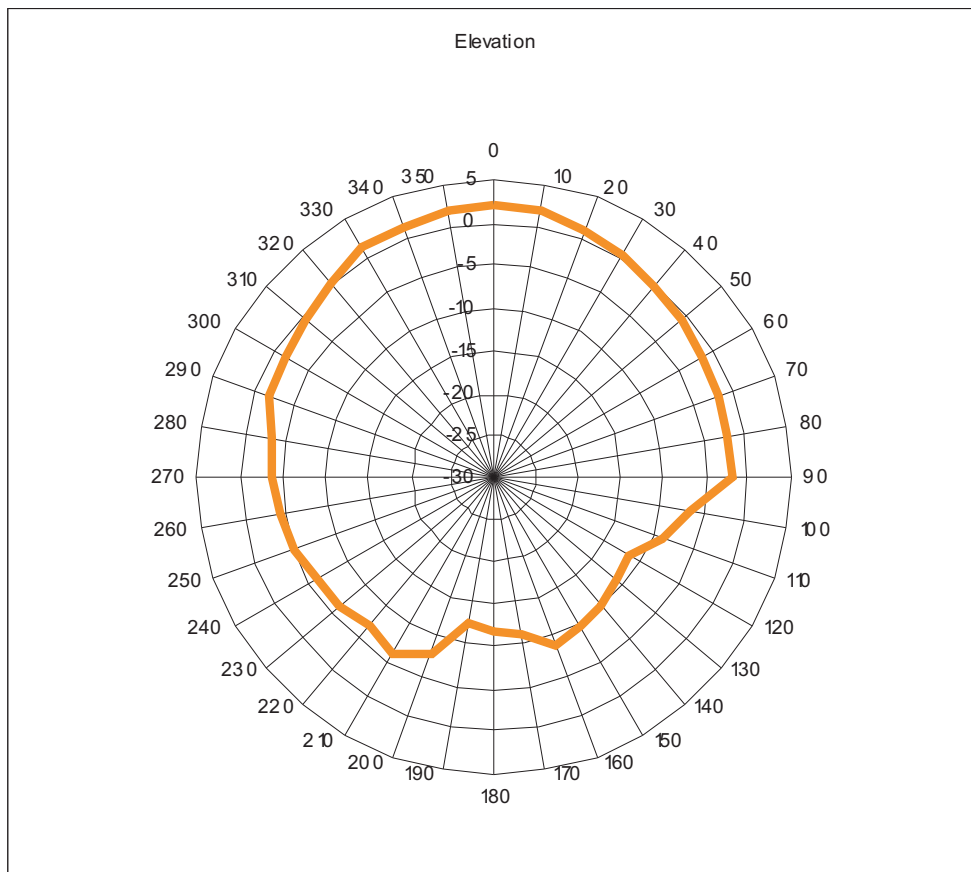
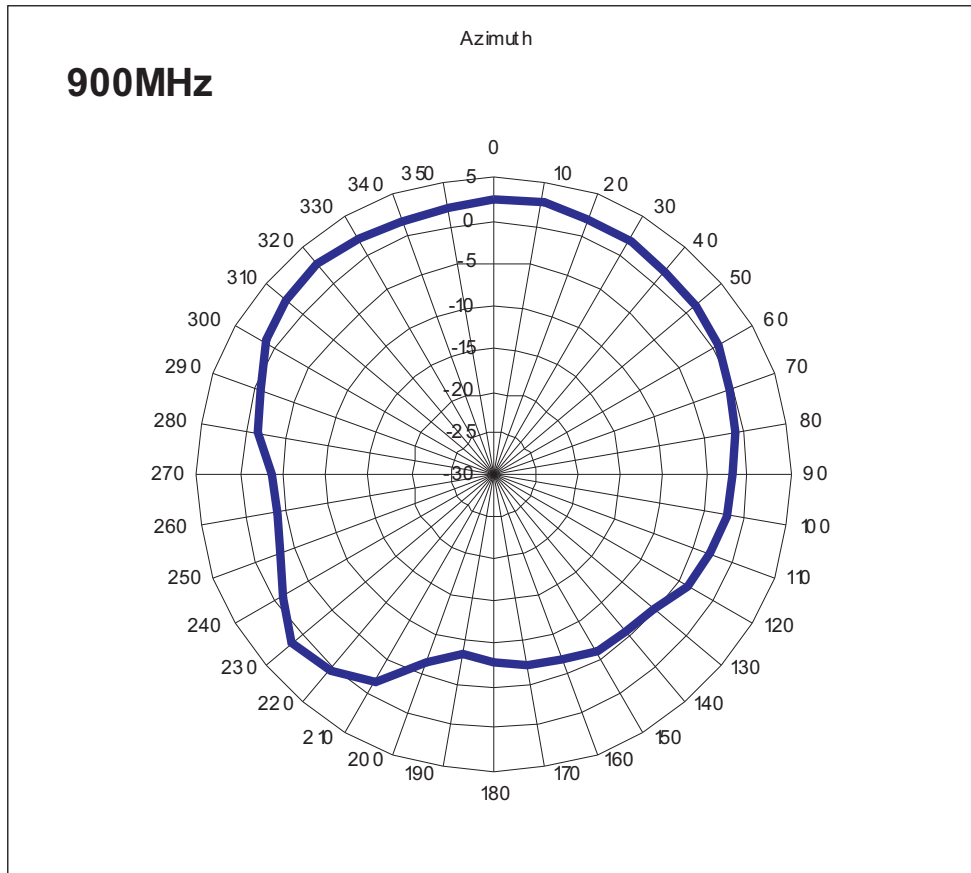
GSM



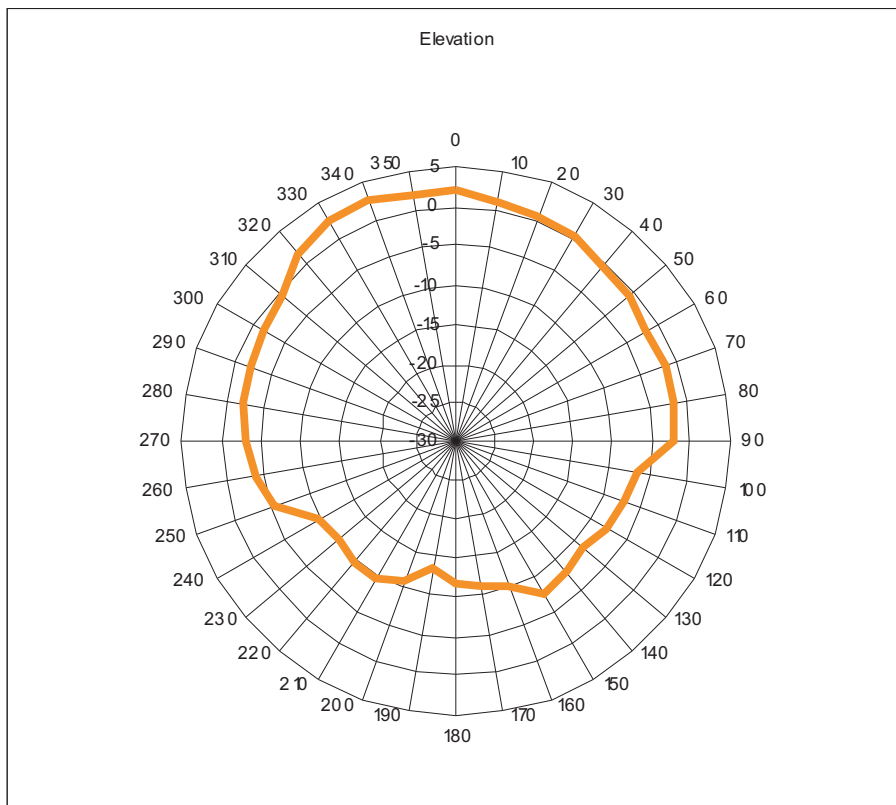
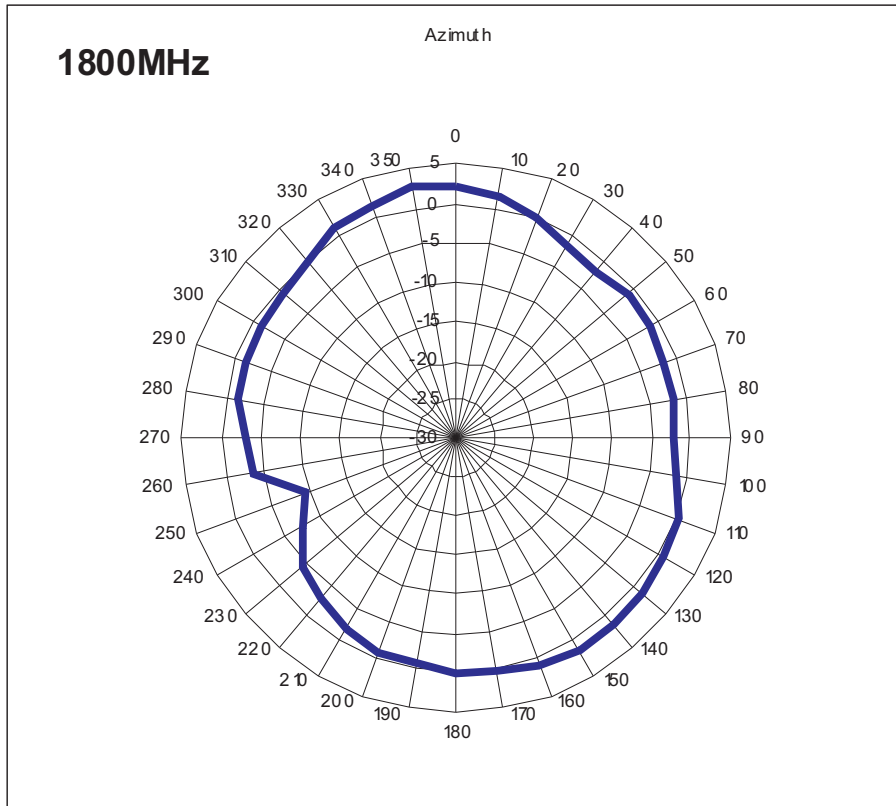
WIFI



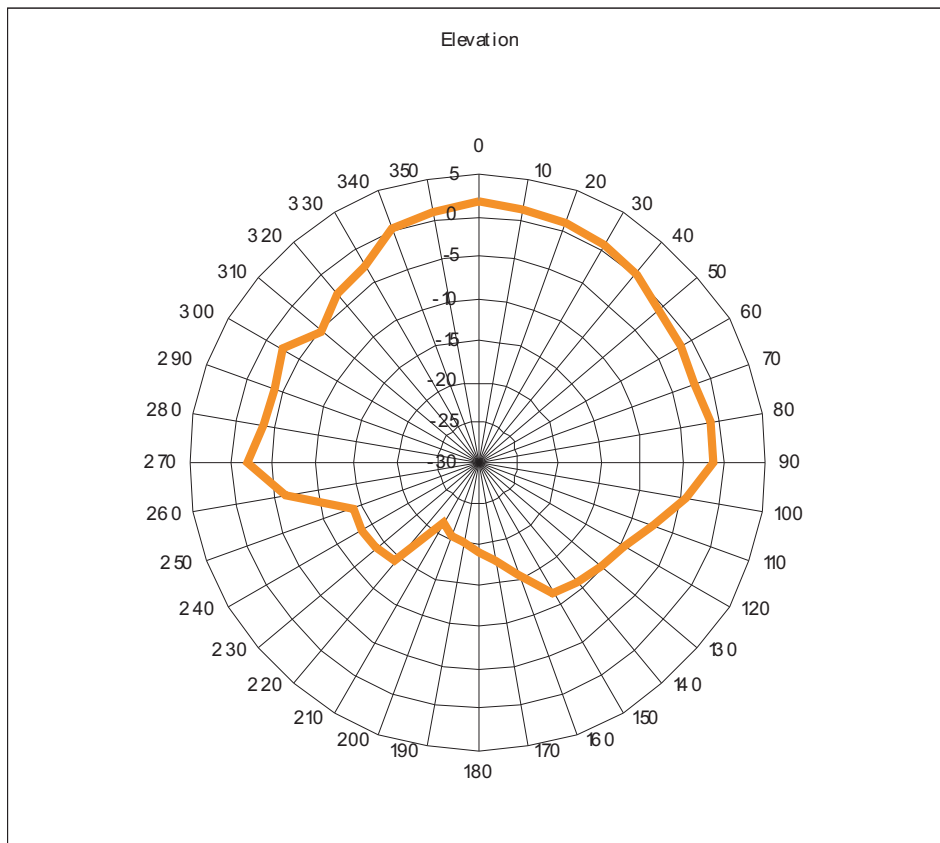
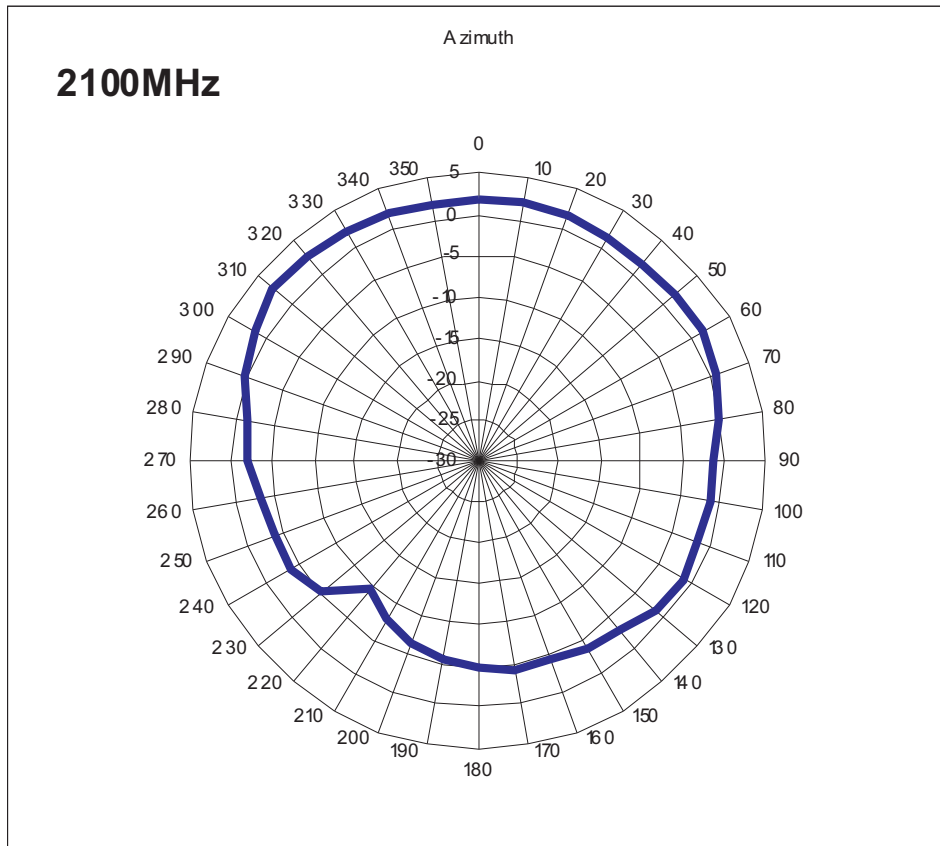
# RADIATION PATTERNS



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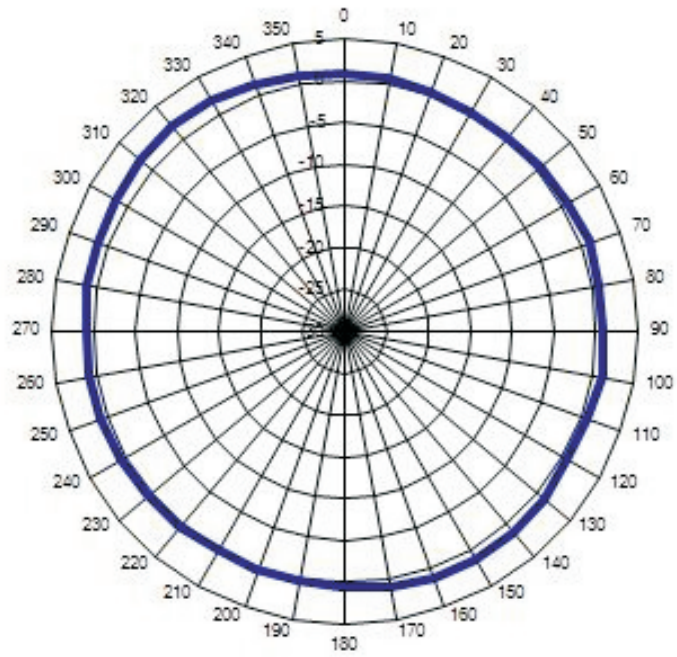
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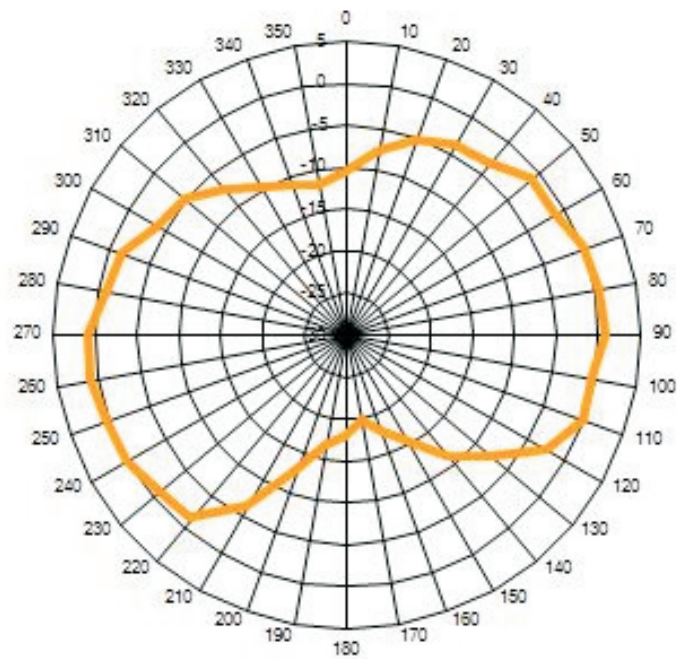


2400MHz

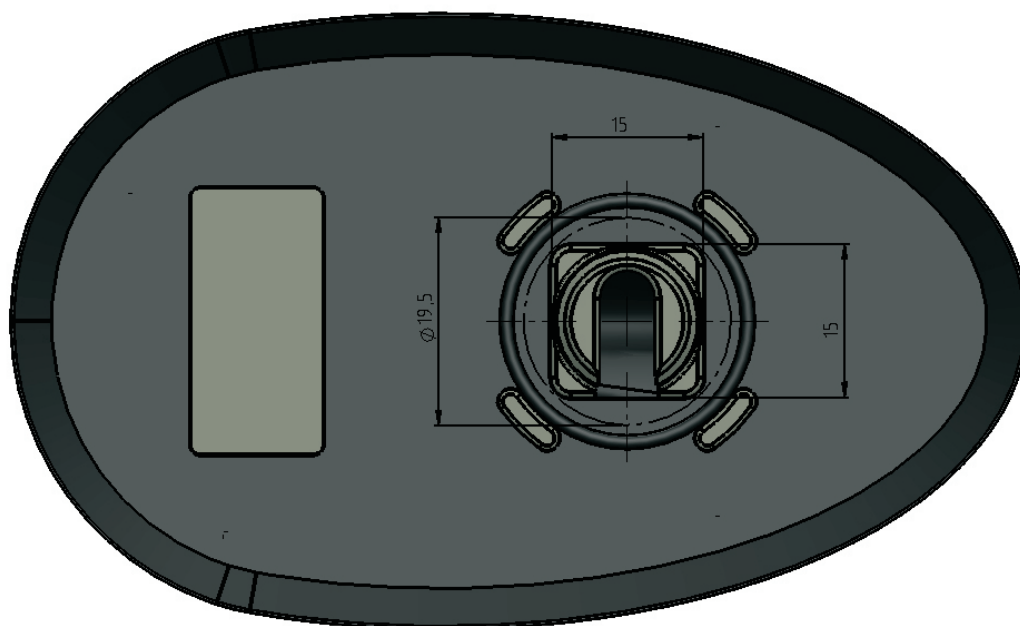
Azimuth



Elevation



# MOUNTING



Mounting hole: square 15x15mm or diameter 19,5 mm