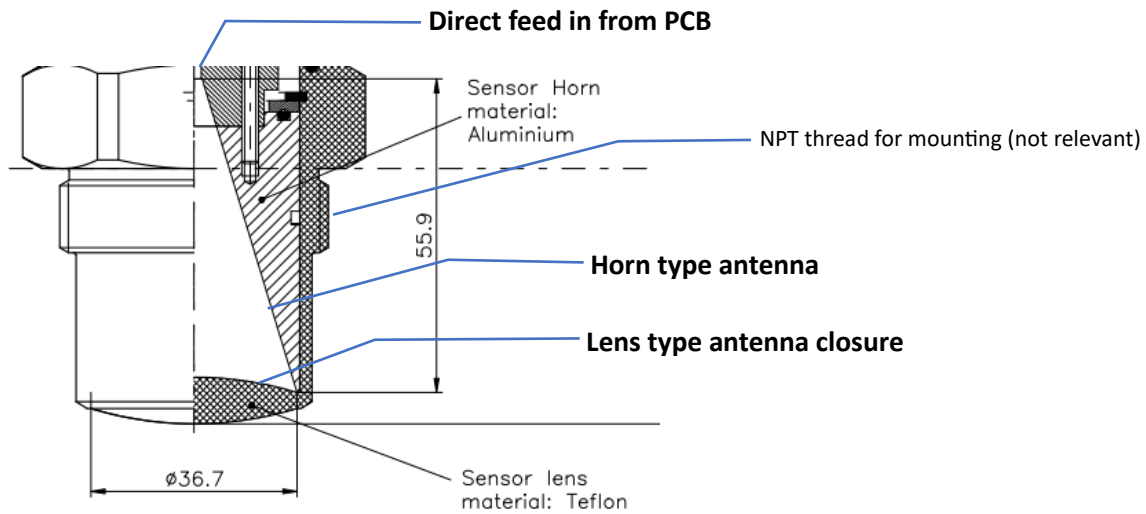


PiloTREK W-200 – Antenna configurations relevant for RF characteristics

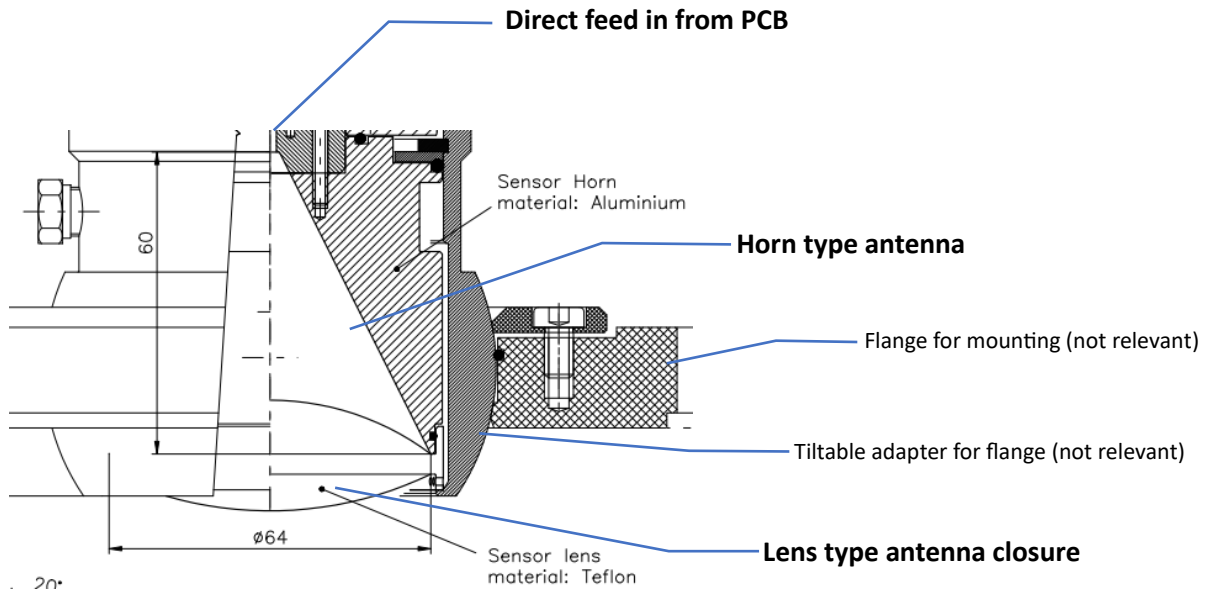
HVID: W24



Horn and lens together are responsible for antenna characteristics.

- Horn length: 55.9 mm
- Horn output diameter: 36.7 mm

HVID: WD3



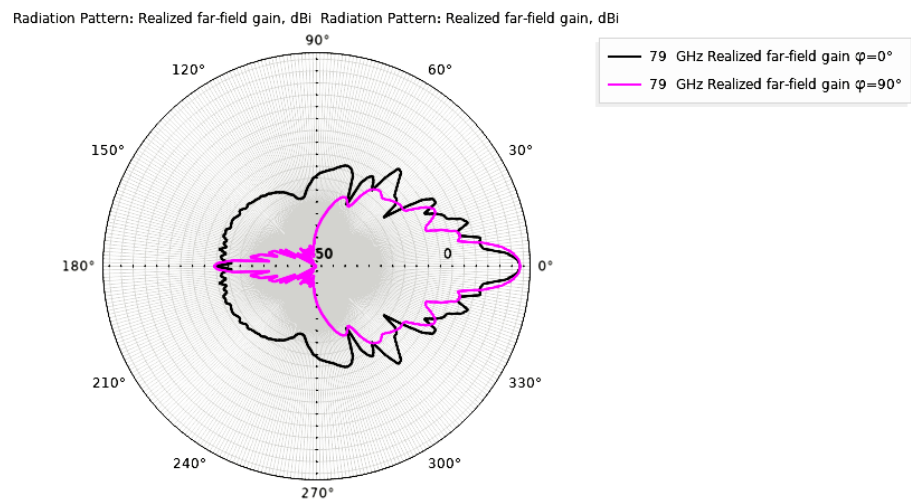
Horn and lens together are responsible for antenna characteristics.

- Horn length: 60.0 mm
- Horn output diameter: 64.0 mm

Antenna parameters (calculated)

HVID: **W24**

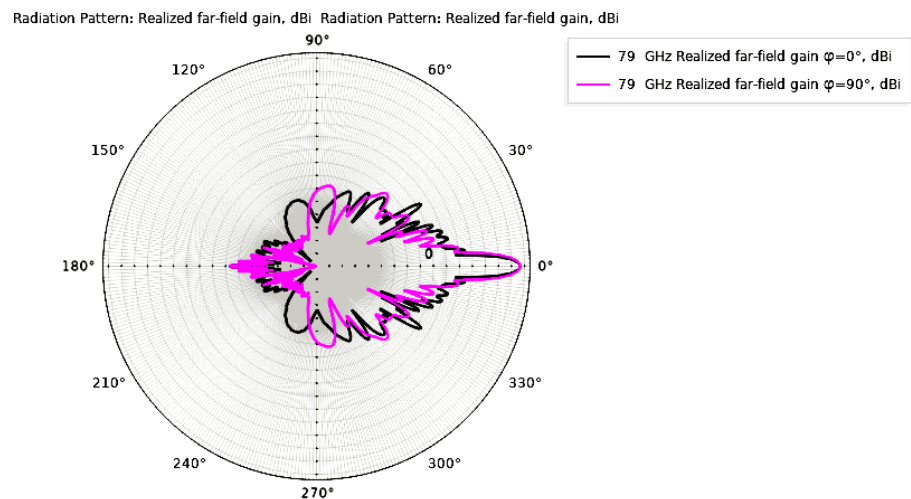
Polar diagram: radiation pattern



- Main lobe gain: 28.6 dBi
- Main lobe direction: 0.0°
- Angular width (3 dB): $5.9^\circ/7.9^\circ$

HVID: **WD3**

Polar diagram: radiation pattern



- Main lobe gain: 32.2 dBi
- Main lobe direction: 0.0°
- Angular width (3 dB): $3.4^\circ/4.4^\circ$

HVID: W24

Antenna parts as manufactured:



HVID: WD3

Antenna parts as manufactured:

