

## Polar 6F Antenna Data Sheet

This antenna technical document contains the information listed in FCC's document *Part 15 Antenna Update*, page 4: Antenna Data sheet Requirements ([https://transition.fcc.gov/oet/ea/presentations/files/oct22/35-Part-15-Antenna-Updates-TCB\\_Oct\\_2022.pdf](https://transition.fcc.gov/oet/ea/presentations/files/oct22/35-Part-15-Antenna-Updates-TCB_Oct_2022.pdf))

### Antenna Manufacturer Information:

The antenna for Polar model 6F is a custom-made proprietary antenna, manufactured by Polar Electro Oy, Professorintie 5, 90440 Kempele, FINLAND.

### Model number of the antenna:

Antenna model number: **FPC\_TRIUMPH\_ANT\_0**

### Antenna maximum gain:

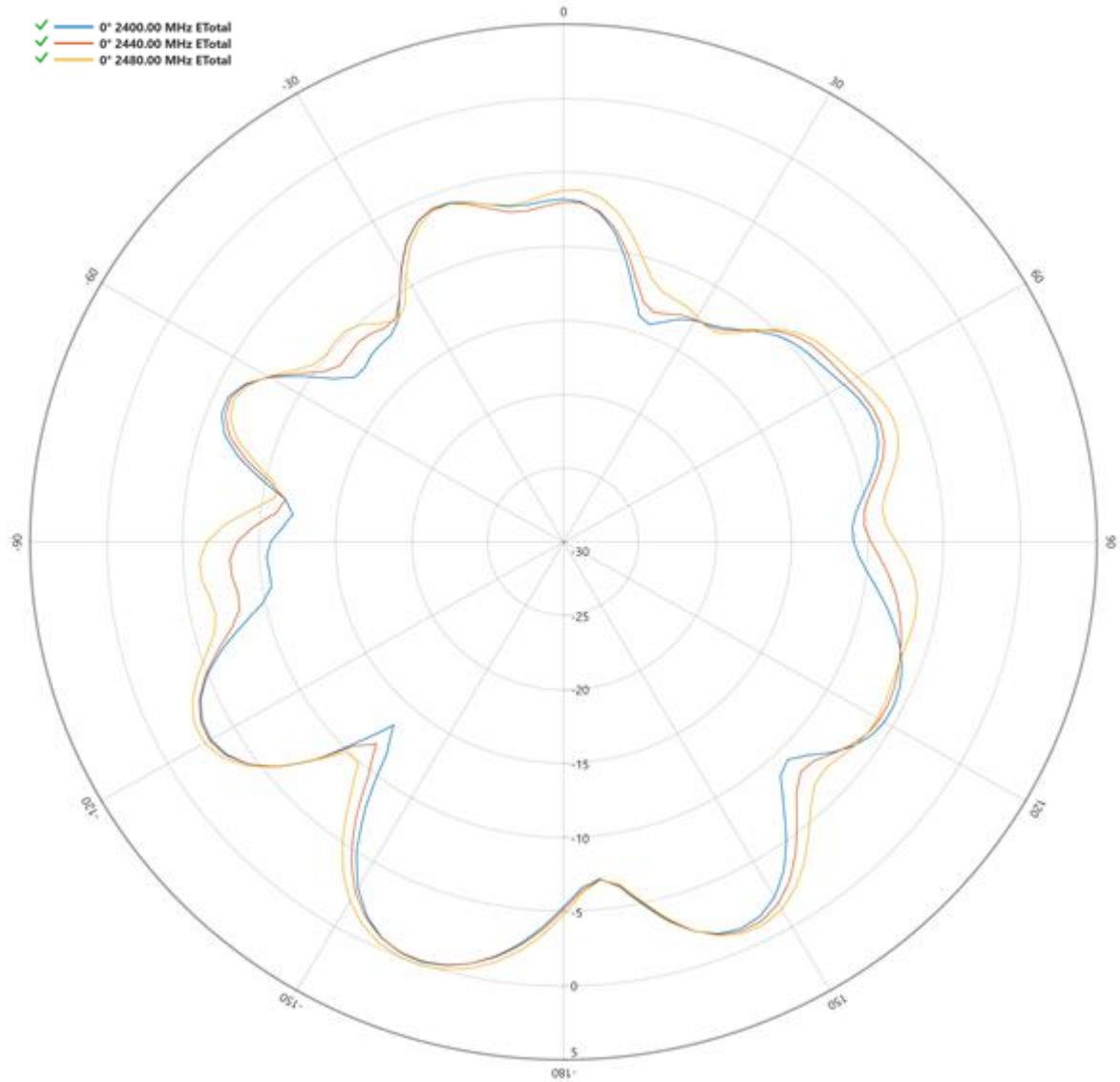
| Antenna model number | Antenna maximum gain | Antenna frequency band |
|----------------------|----------------------|------------------------|
| FPC_TRIUMPH_ANT_0    | 0.5dBi @ 2470MHz     | 2402-2480MHz           |

### Detailed antenna information:

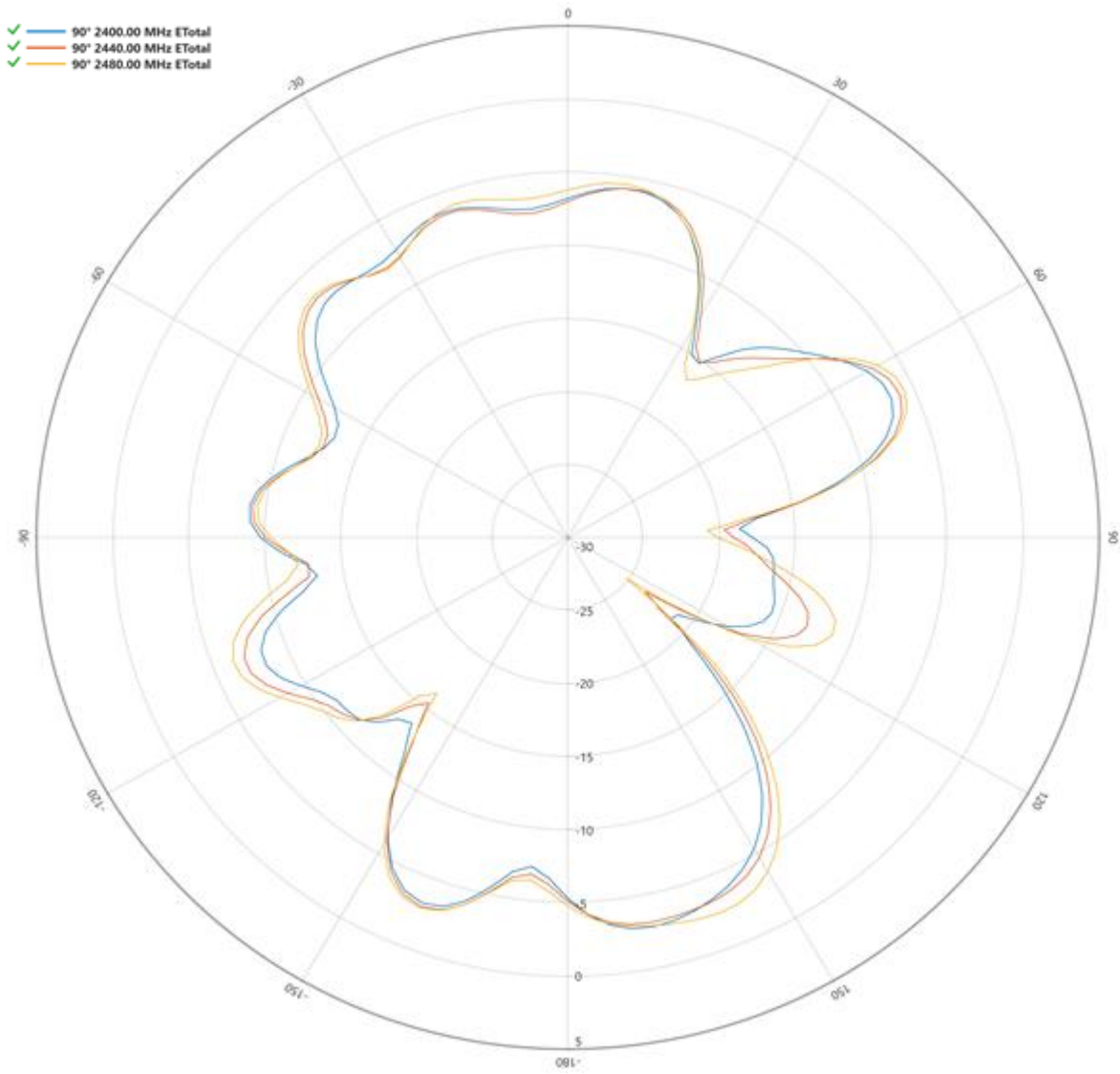
Detailed proprietary information on Polar 6F antenna is provided in the confidential *Operational Description* exhibit.

## Antenna patterns:

Phi = 0 deg (XZ-plane)



Theta = 90 deg (XY-plane)



Phi = 90 deg (YZ-plane)

