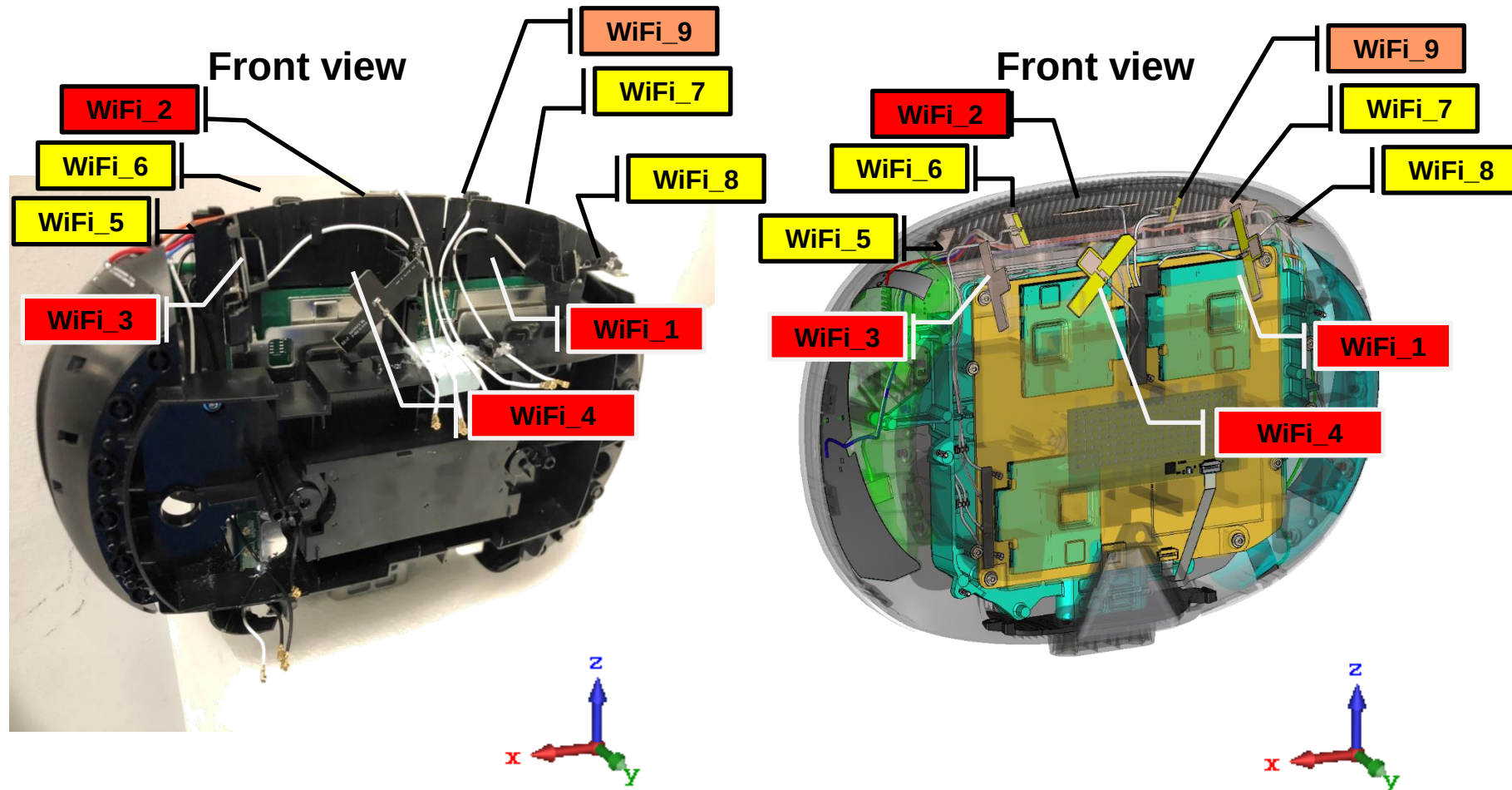
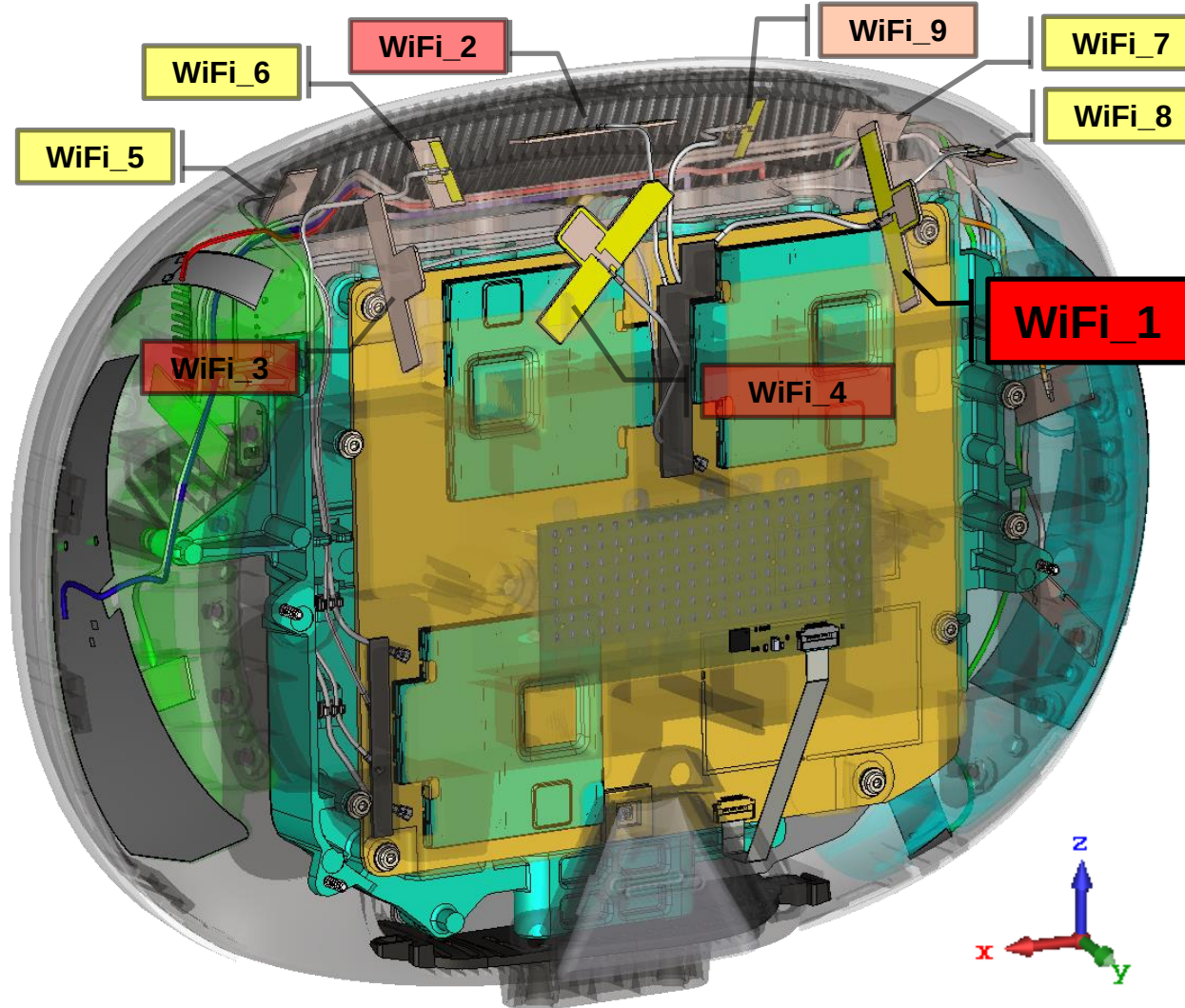


Antenna Design and Placement



WiFi: WiFi Dual
WiFi: WiFi6E
WiFi: DFS

Antenna Design and Concept: WiFi_1



WiFi_1

Design Concept :

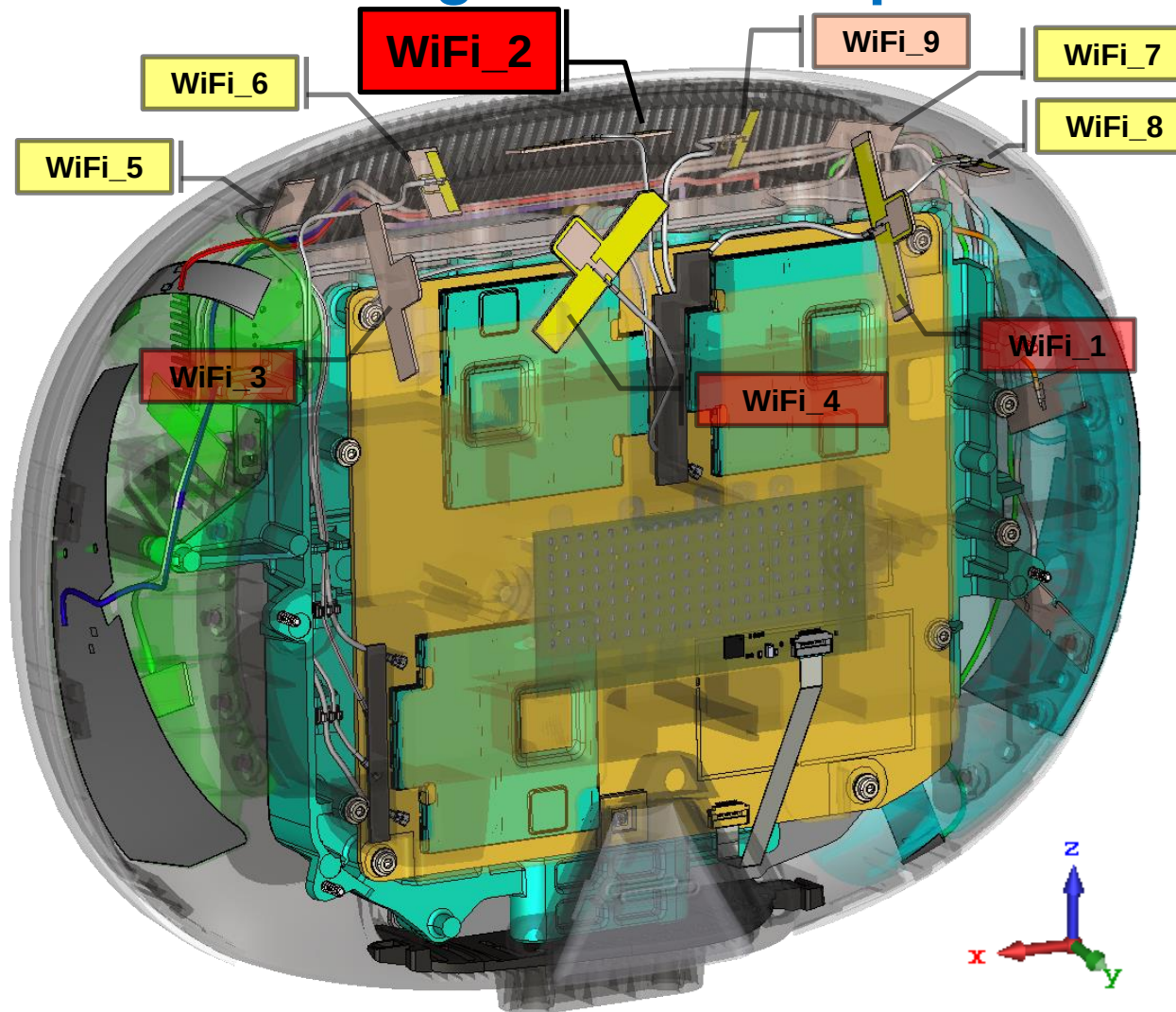
- **Vertical polarization** with 25 tilt angle
- Application: 2+5G
- Cable length: 57mm
- Dimension: 44*18.6mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

Antenna Design and Concept: WiFi_2



WiFi_2

Design Concept :

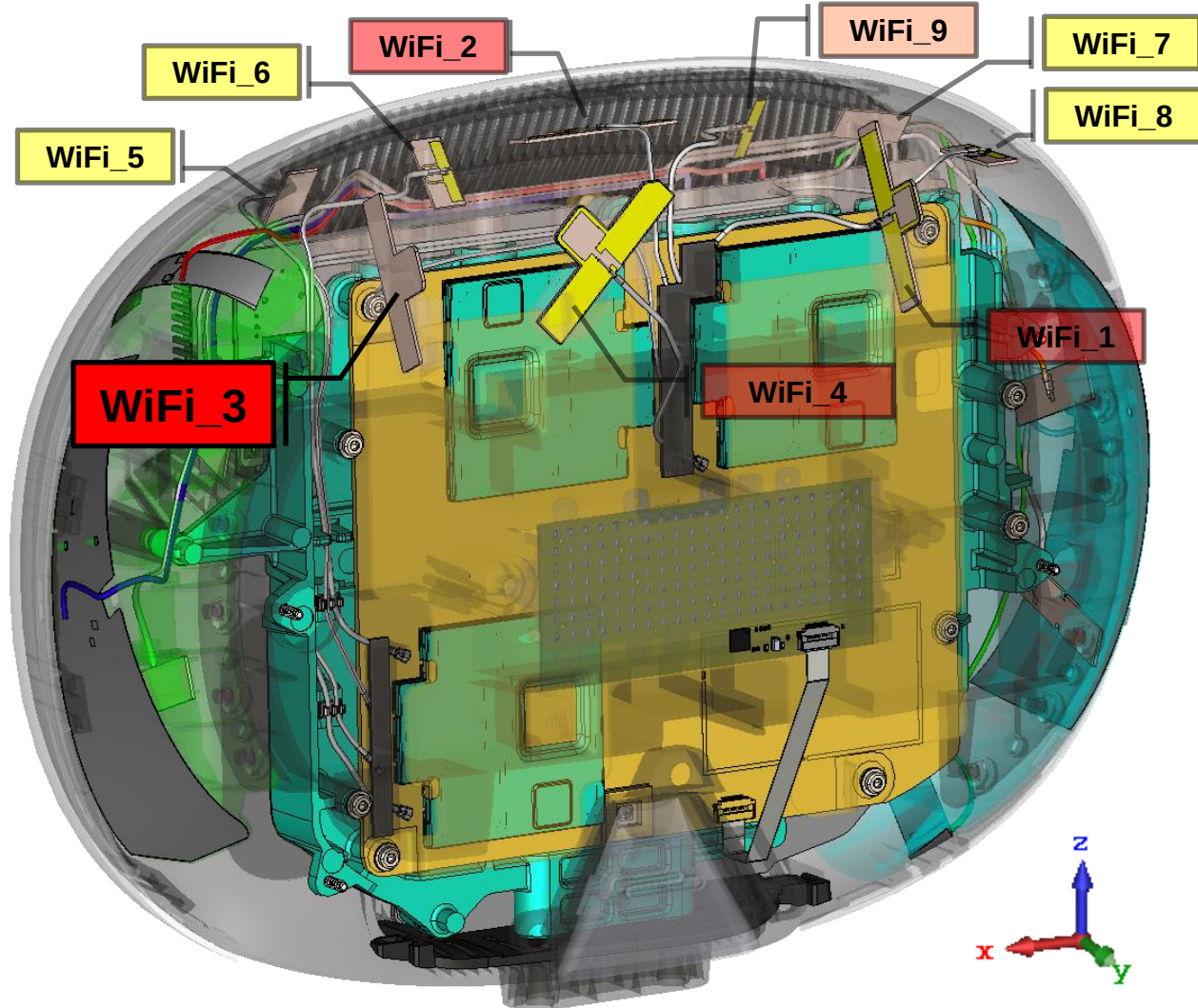
- **Horizontal polarization** with 0 tilt angle
- Application: 2+5G
- Cable length: 67mm
- Dimension: 40.6*18.6mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

Antenna Design and Concept: WiFi_3



WiFi_3

Design Concept :

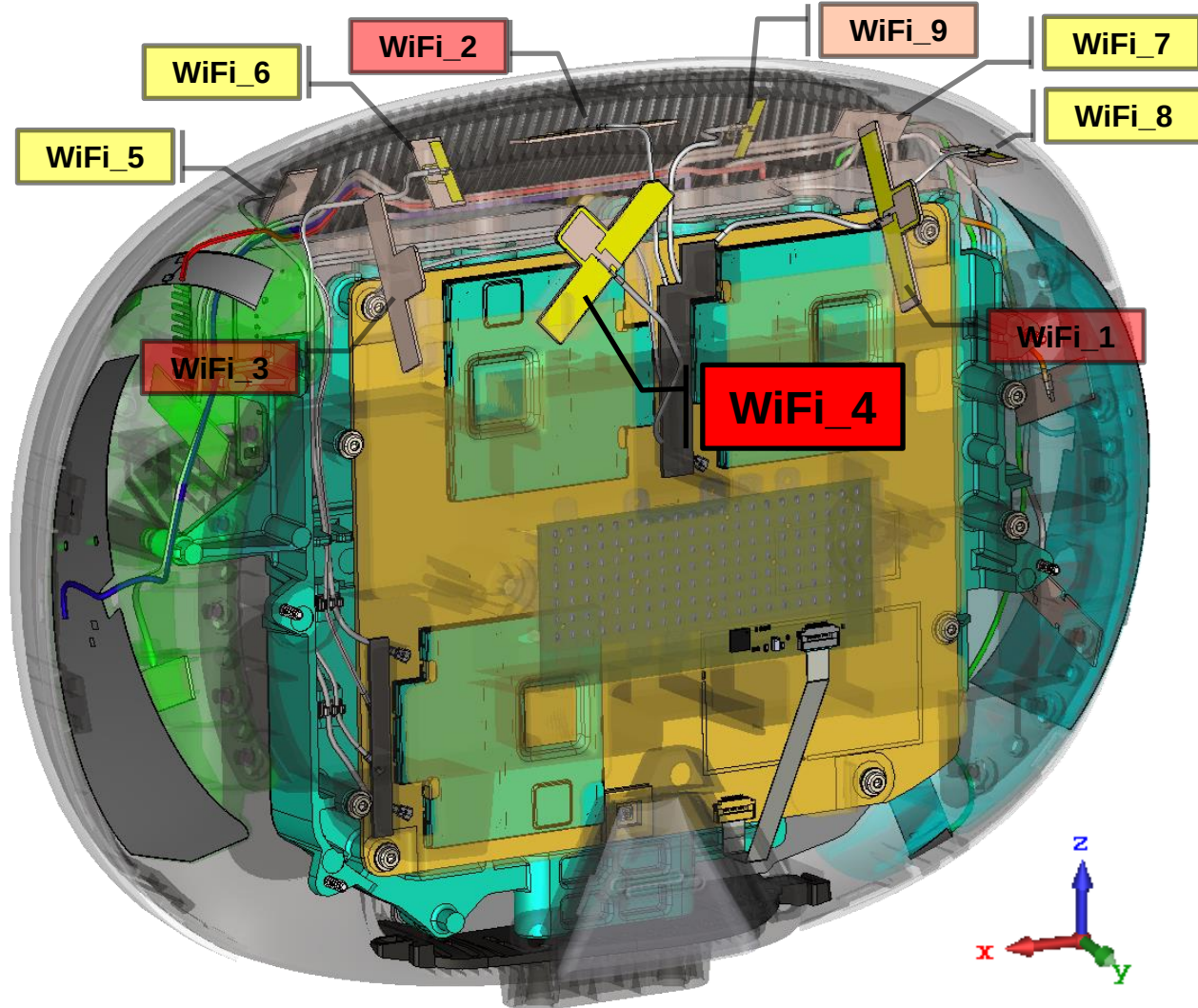
- **Vertical polarization** with 25 tilt angle
- Application: 2+5G
- Cable length: 133mm
- Dimension: 44*18.6mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

Antenna Design and Concept: WiFi_4



WiFi_4

Design Concept :

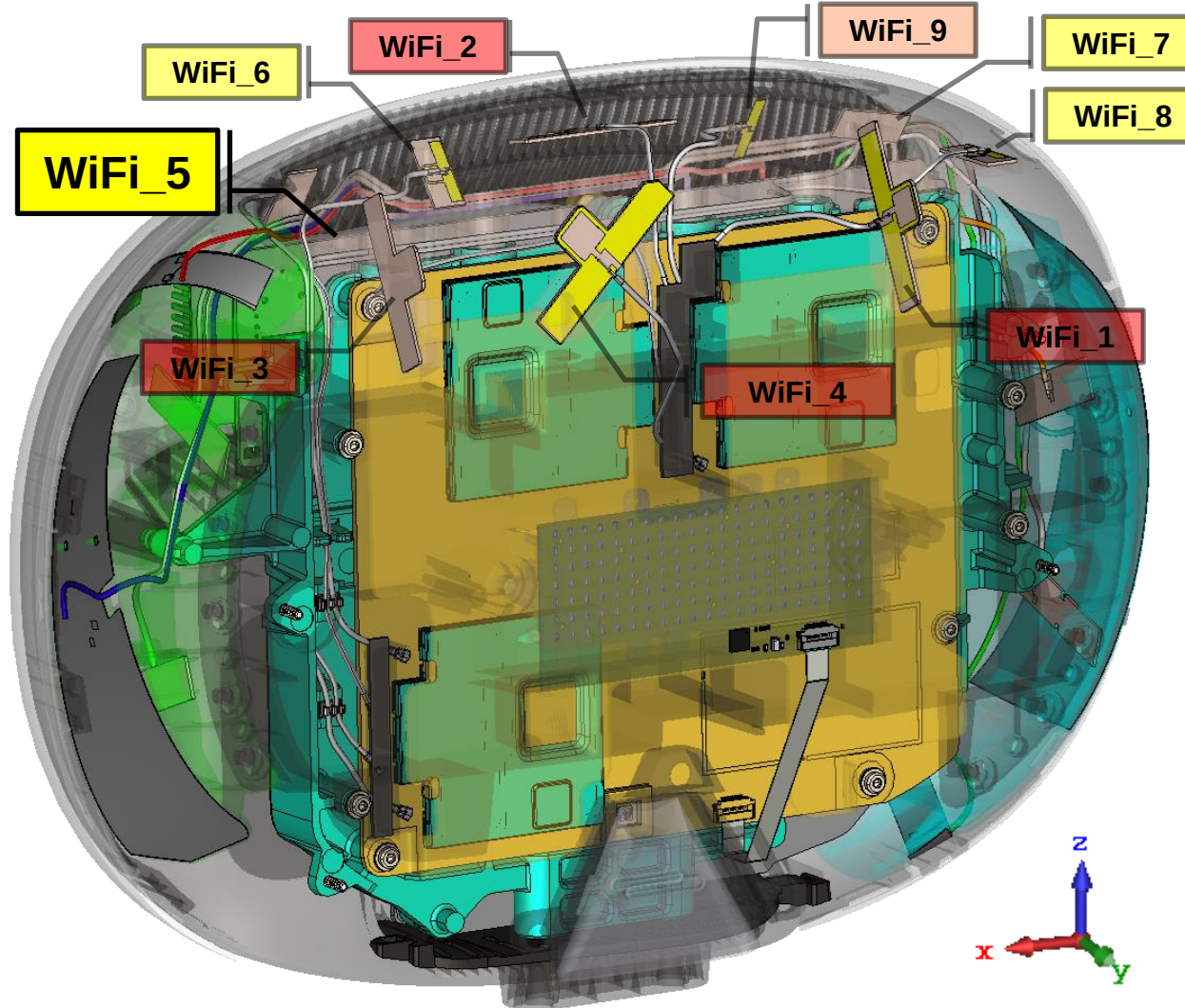
- **Vertical polarization** with 45 tilt angle
- Application: 2+5G
- Cable length: 83mm
- Dimension: 44*18.6mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

Antenna Design and Concept: WiFi_5



WiFi_5

Design Concept :

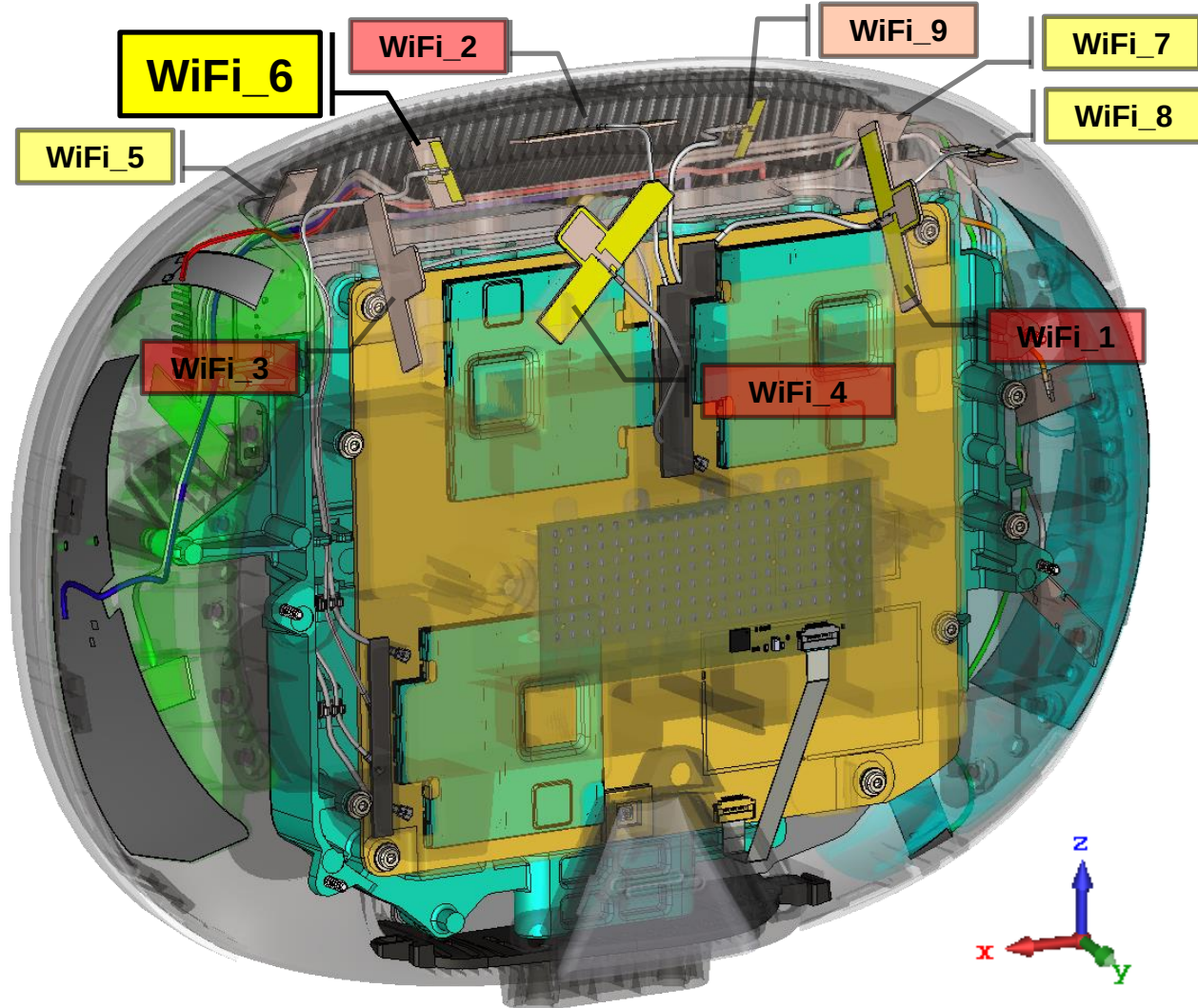
- **Vertical polarization** with 40 tilt angle
- Application: 6G
- Cable length: 182mm
- Dimension: 18*8mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

Antenna Design and Concept: WiFi_6



WiFi_6

Design Concept :

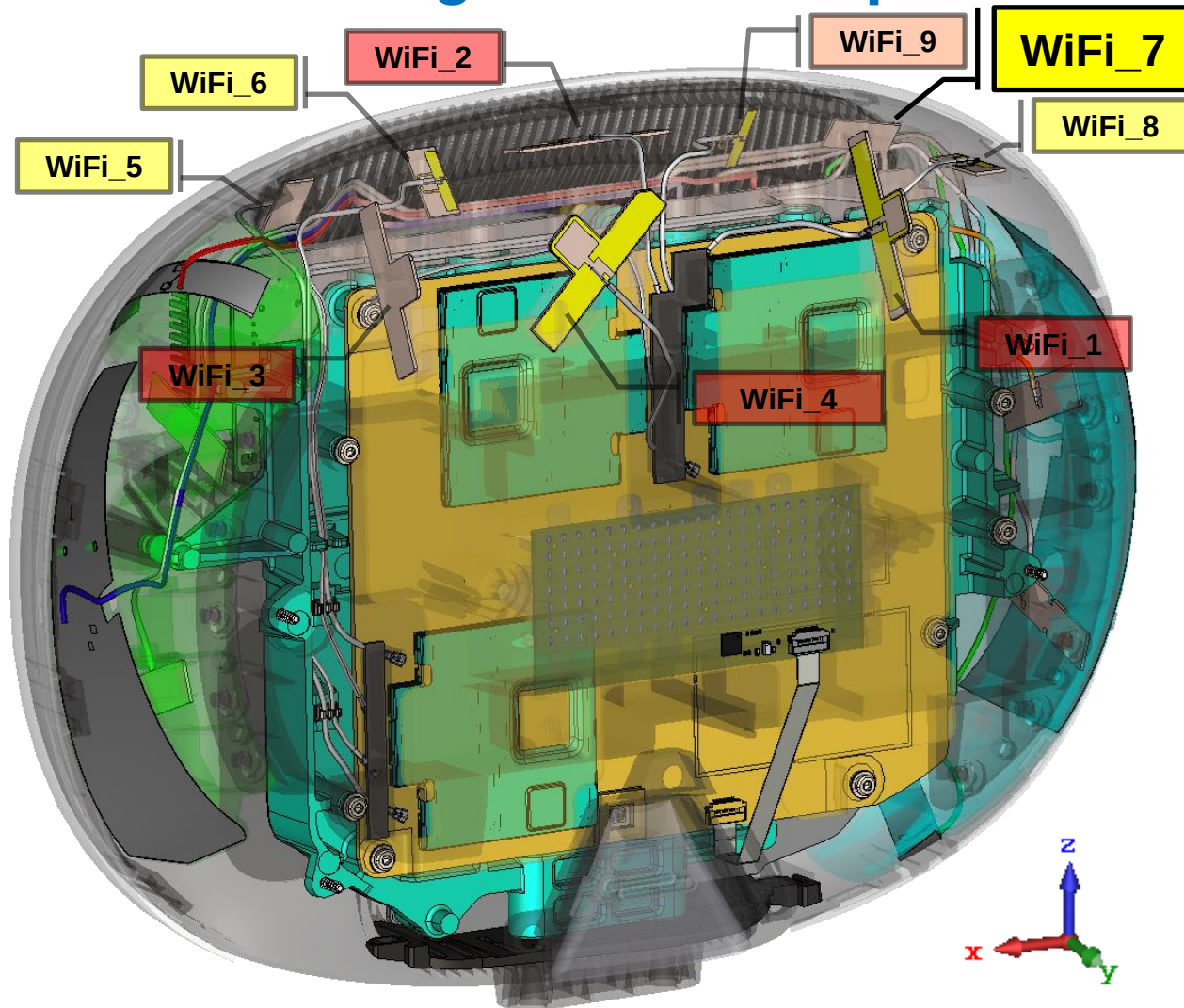
- **Vertical polarization** with 40 tilt angle
- Application: 6G
- Cable length: 188mm
- Dimension: 18*8mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

Antenna Design and Concept: WiFi_7



WiFi_7

Design Concept :

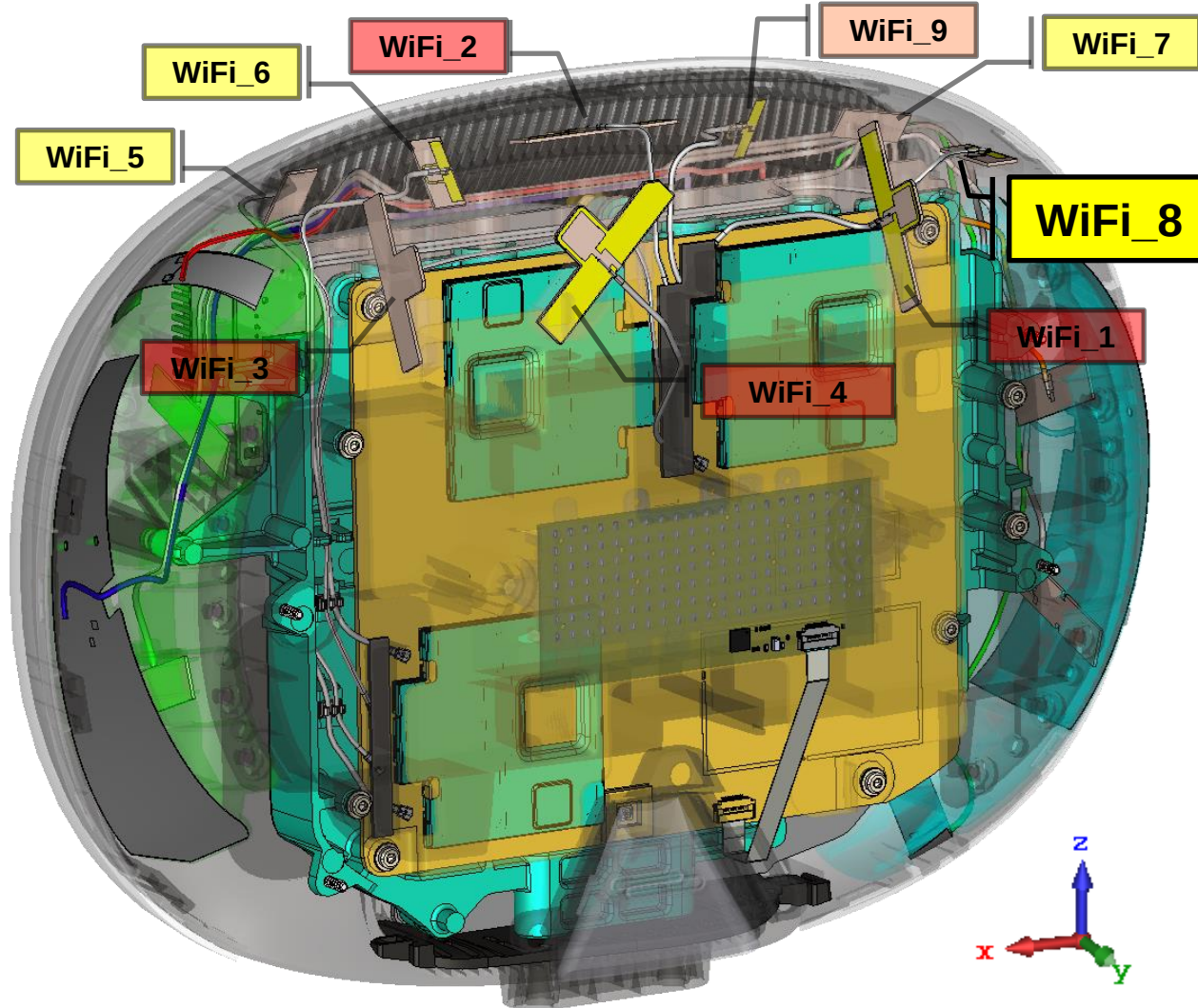
- **Horizontal polarization** with 10 tilt angle
- Application: 6G
- Cable length: 297mm
- Dimension: 18*8mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

Antenna Design and Concept: WiFi_8



WiFi_8

Design Concept :

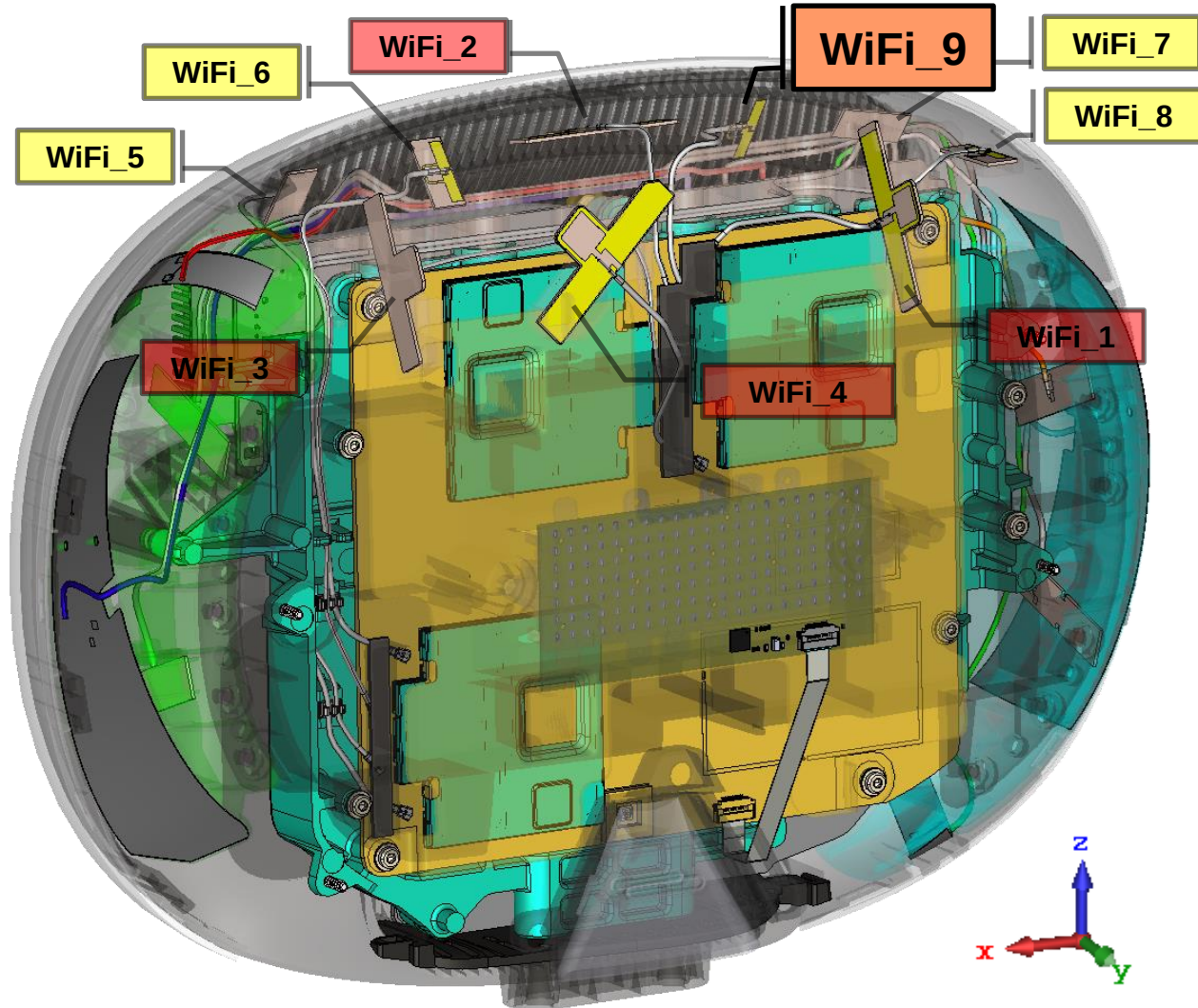
- **Horizontal polarization** with 0 tilt angle
- Application: 6G
- Cable length: 309mm
- Dimension: 18*8mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

Antenna Design and Concept: WiFi_9



WiFi_9

Design Concept :

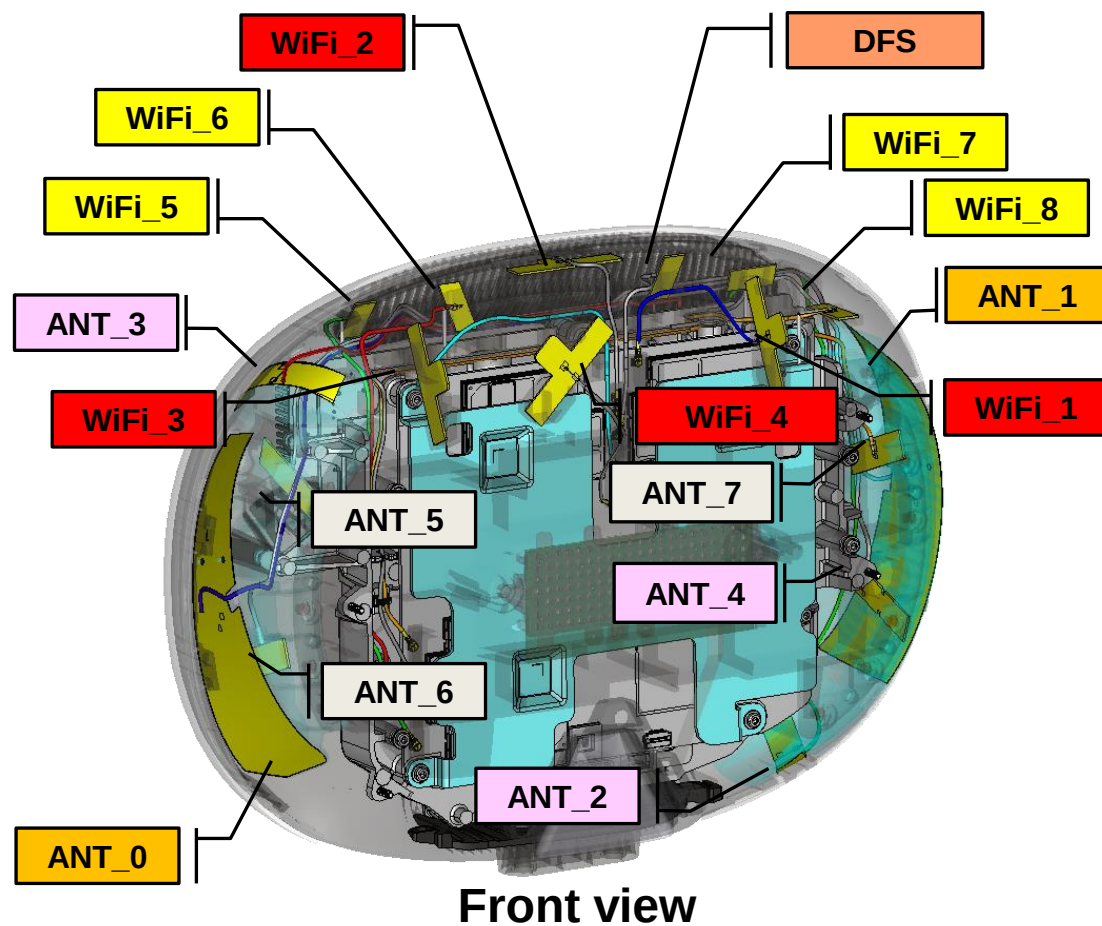
- **Vertical polarization** with 35 tilt angle
- Application: DFS(5-6G)
- Cable length: 83mm
- Dimension: 21*8mm

WiFi: WiFi Dual

WiFi: WiFi6E

WiFi: DFS

LAWI Antenna Systems(5G 8Rx cellular+WIFI6E)



ANT: 5G High band

ANT: 5G Middle + High band

ANT: 5G Low + Middle + High band

WiFi: 2+5G

WiFi: DFS

WiFi: 6E

Antenna description:

Cellular

- **ANT_0**: Full band dipole, 5G L/M/H
- **ANT_1**: Full band dipole, 5G L/M/H
- **ANT_2**: Dual band dipole, 5G M/H
- **ANT_3**: Dual band dipole, 5G M/H
- **ANT_4**: Dual band dipole, 5G M/H
- **ANT_5**: Single band dipole, 5G H
- **ANT_6**: Single band dipole, 5G H
- **ANT_7**: Single band dipole, 5G H

WiFi

- **WiFi_1**: Dual band dipole, WiFi 2.4/5G
- **WiFi_2**: Dual band dipole, WiFi 2.4/5G
- **WiFi_3**: Dual band dipole, WiFi 2.4/5G
- **WiFi_4**: Dual band dipole, WiFi 2.4/5G
- **WiFi_5**: Single band dipole, WiFi 6G
- **WiFi_6**: Single band dipole, WiFi 6G
- **WiFi_7**: Single band dipole, WiFi 6G
- **WiFi_8**: Single band dipole, WiFi 6G
- **DFS**: Single band dipole, DFS

All WIFI antennas put on the top with clearance for best throughput performance