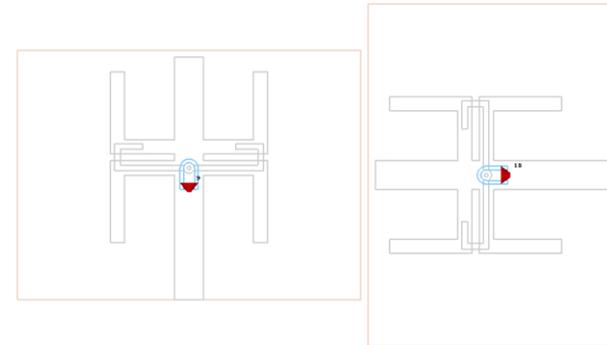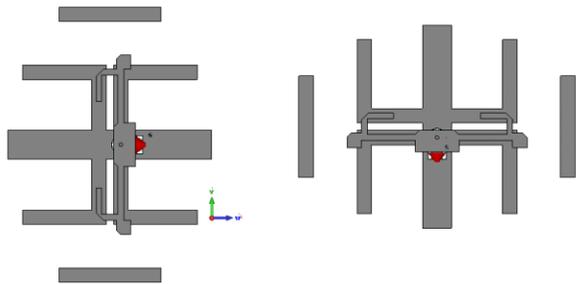# Gateway
# Antenna patterns

Manufacturer : Juganu LTD
Address : 1 Yahadut Canada 1A, terminal center, building A, 2nd Floor, Or Yehuda, Israel
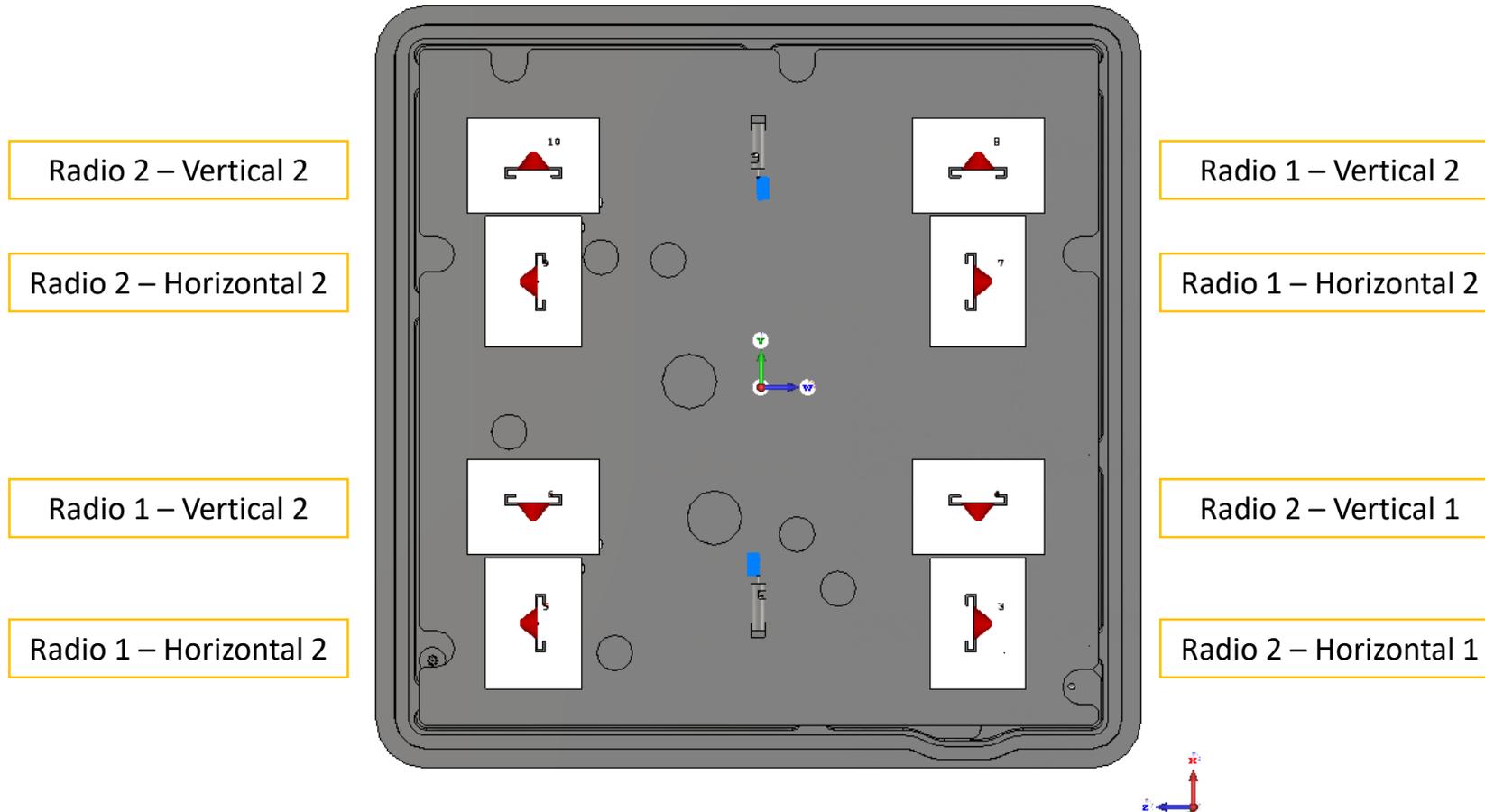
Radio antenna
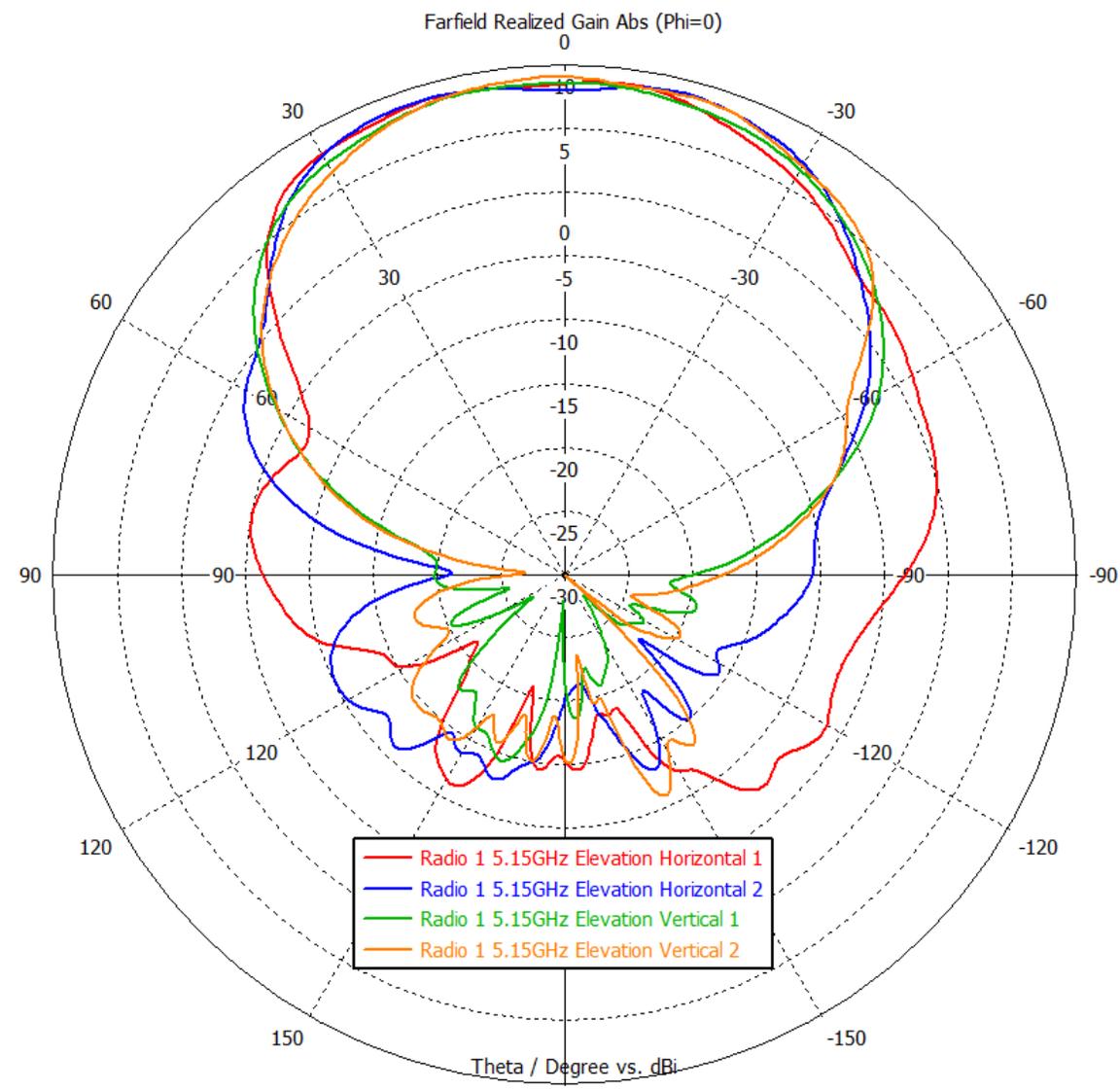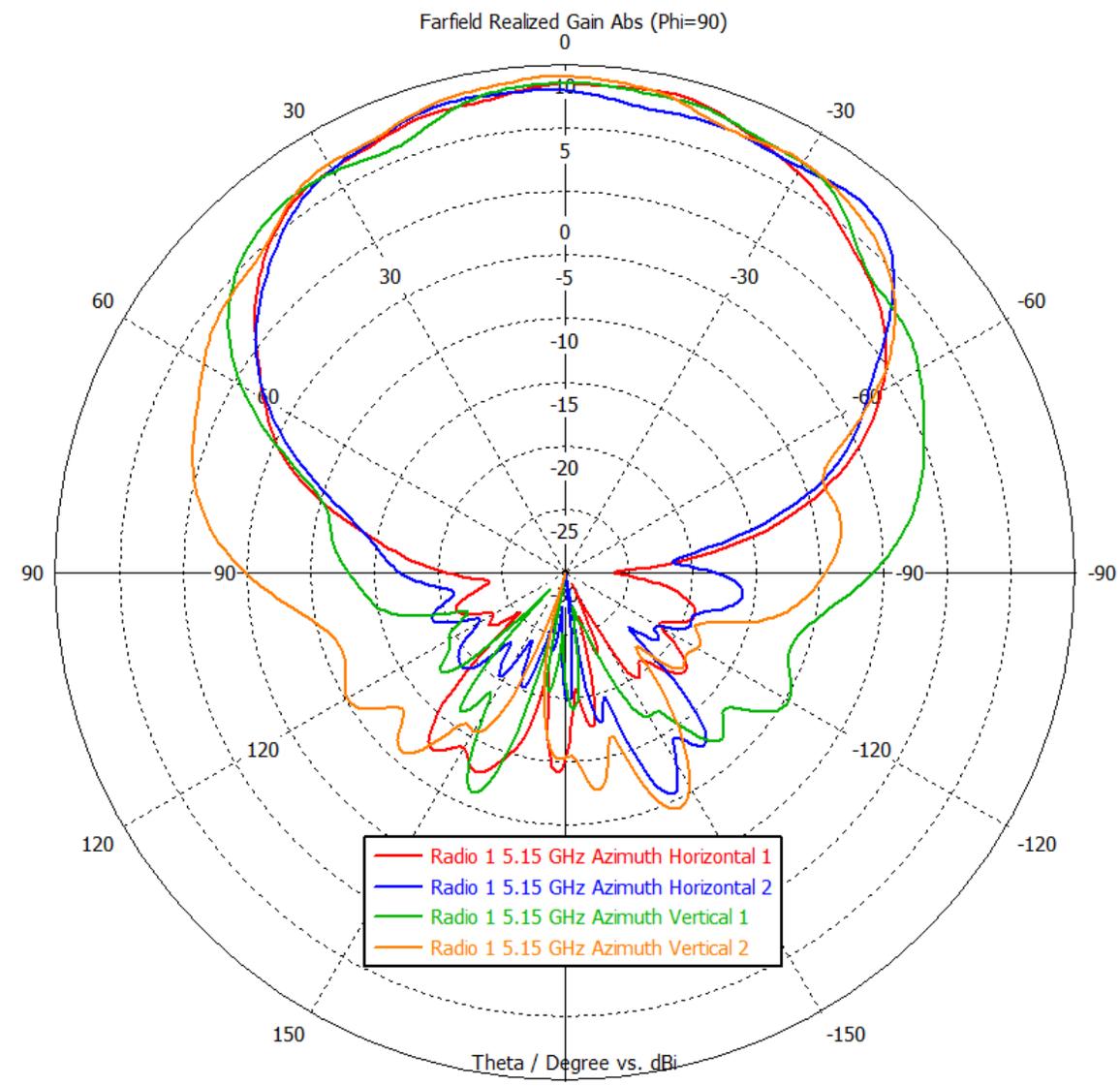Model: JCP-JNET1

# Antenna configuration

- The antennas are Dual pole (H+V) printed directional dipole antennas
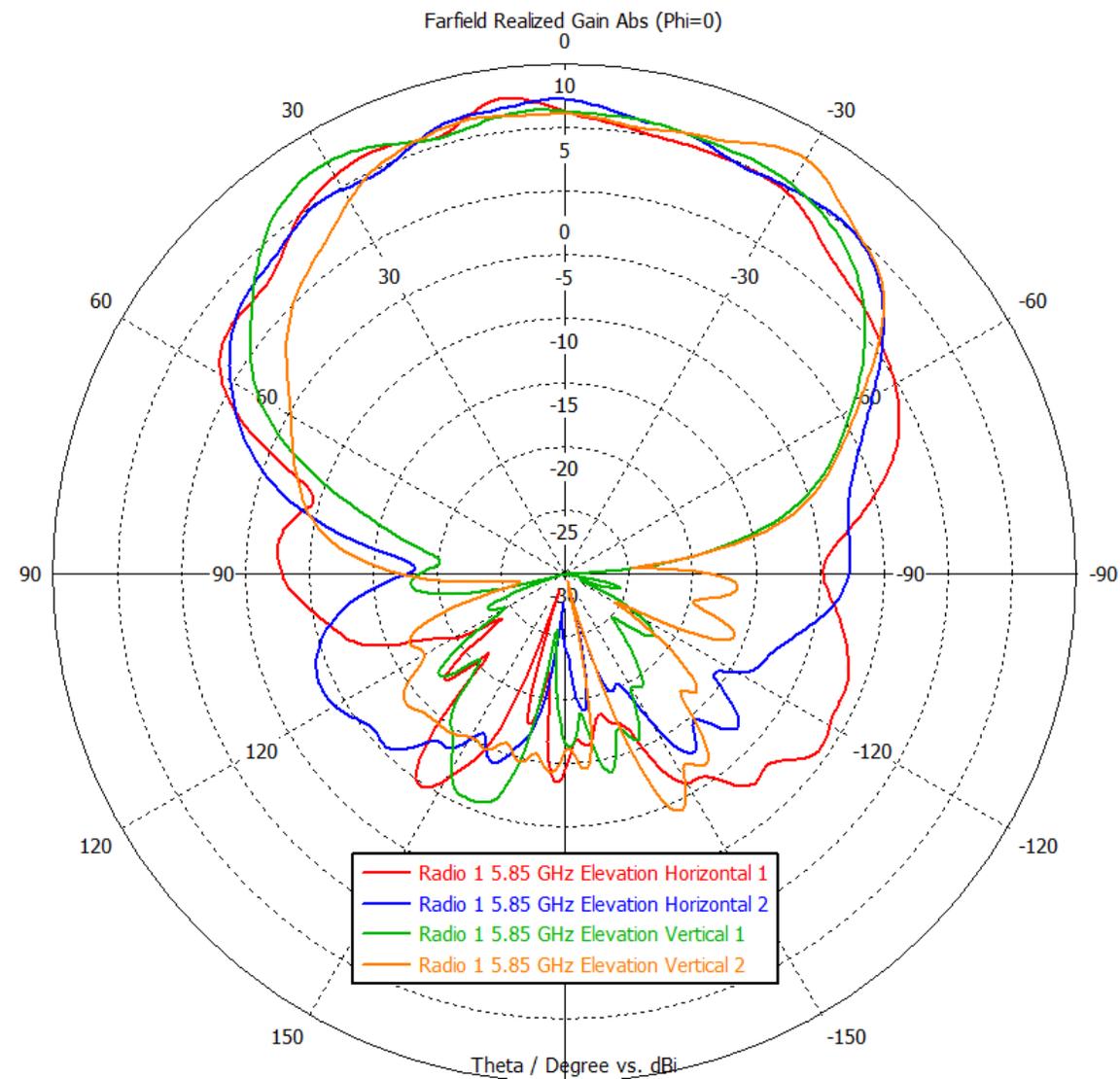- MAX gain of 10dBi
- Average beamwidth 70deg

# Antenna Configuration



Radio 2 – Vertical 2

Radio 2 – Horizontal 2

Radio 1 – Vertical 2

Radio 1 – Horizontal 2

Radio 1 – Vertical 2

Radio 1 – Horizontal 2

Radio 2 – Vertical 1

Radio 2 – Horizontal 1

# Radio 1 - 5.15GHz



Farfield Realized Gain Abs (Phi=90)

Theta / Degree vs. dBi

- Radio 1 5.15 GHz Azimuth Horizontal 1
- Radio 1 5.15 GHz Azimuth Horizontal 2
- Radio 1 5.15 GHz Azimuth Vertical 1
- Radio 1 5.15 GHz Azimuth Vertical 2

Farfield Realized Gain Abs (Phi=0)

Theta / Degree vs. dBi

- Radio 1 5.15GHz Elevation Horizontal 1
- Radio 1 5.15GHz Elevation Horizontal 2
- Radio 1 5.15GHz Elevation Vertical 1
- Radio 1 5.15GHz Elevation Vertical 2
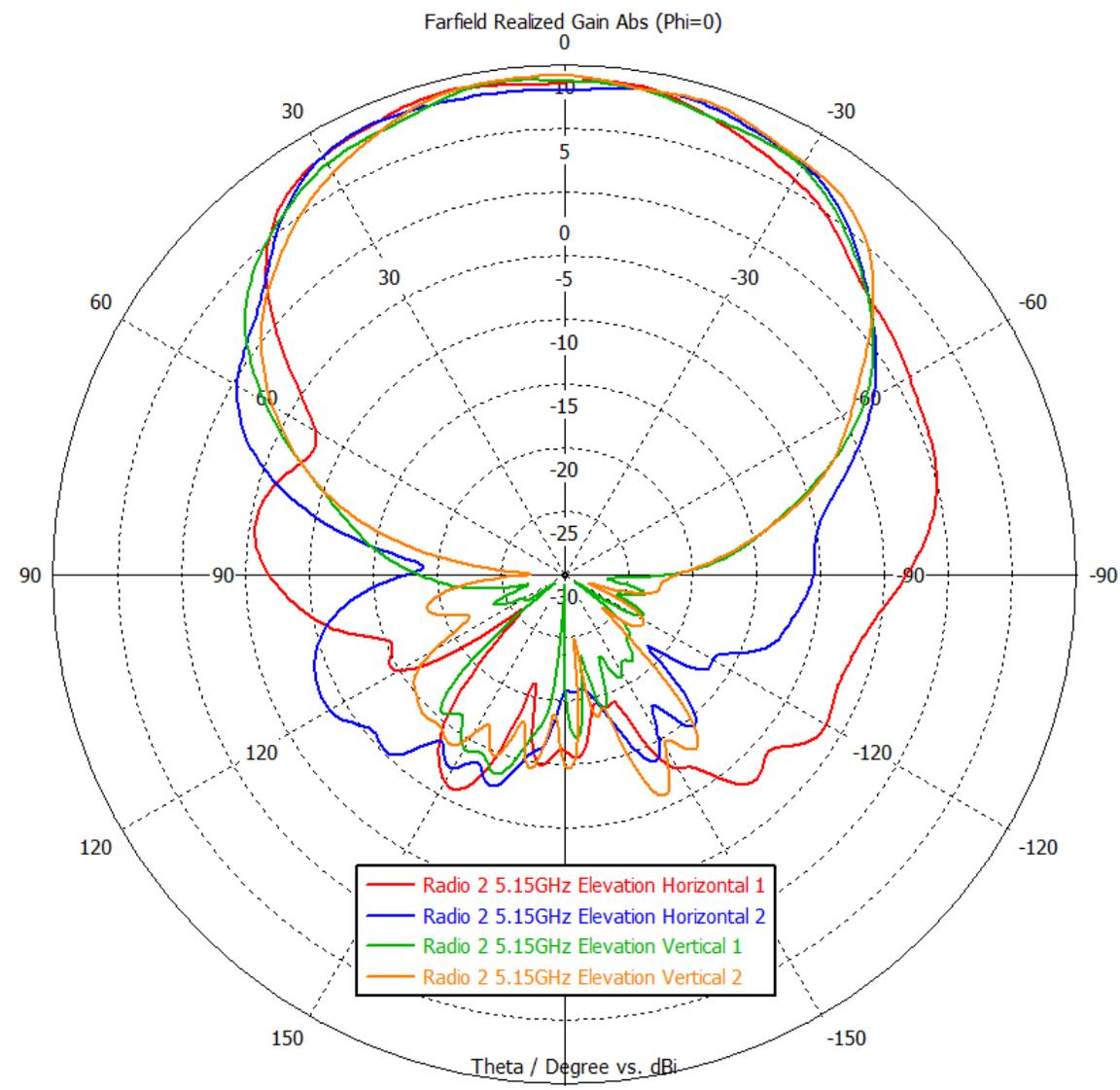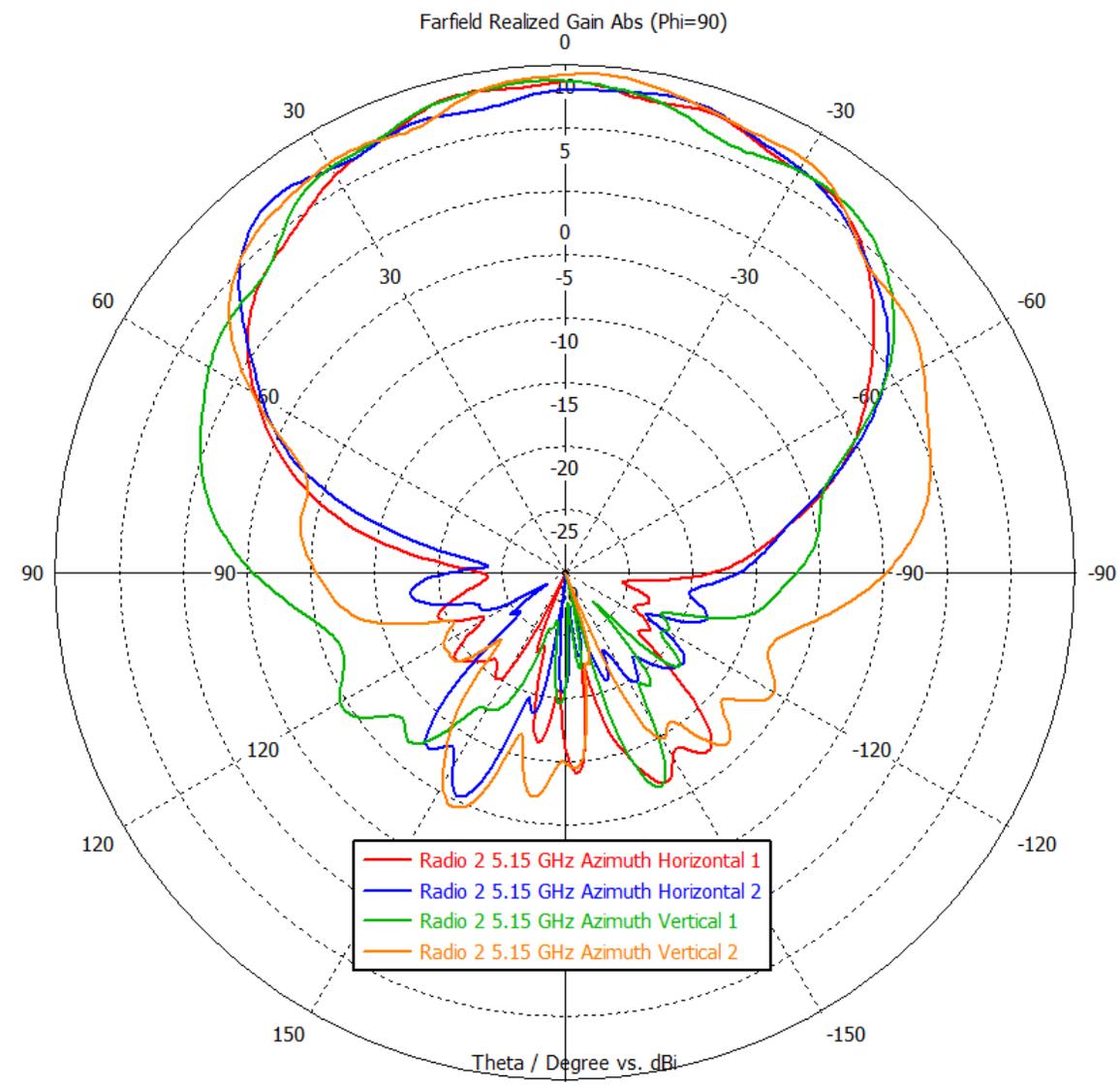
# Radio 1 - 5.85GHz

# Radio 2 - 5.15GHz

# Radio 2 - 5.85GHz



Farfield Realized Gain Abs (Phi=90)

- Radio 2 5.85 GHz Azimuth Horizontal 1
- Radio 2 5.85 GHz Azimuth Horizontal 2
- Radio 2 5.85 GHz Azimuth Vertical 1
- Radio 2 5.85 GHz Azimuth Vertical 2

Theta / Degree vs. dBi

Farfield Realized Gain Abs (Phi=0)

- Radio 2 5.85GHz Elevation Horizontal 1
- Radio 2 5.85GHz Elevation Horizontal 2
- Radio 2 5.85GHz Elevation Vertical 1
- Radio 2 5.85GHz Elevation Vertical 2

Theta / Degree vs. dBi