

BMD-300 antenna report

Type: Embedded PCB trace inverted meandering F

Frequency: 2402 MHz to 2480 MHz

Model: BMD-300

Manufacturer: u-blox

Antenna:

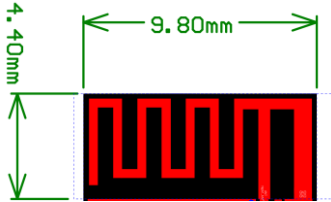


Figure 1: BMD-300 antenna layout

Antenna as integrated on the module:

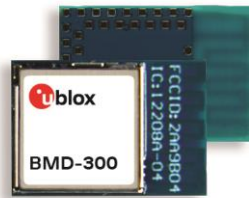


Figure 2: BMD-300 antenna as integrated

Gain:

- 2402 MHz: -4.6 dBi max
- 2440 MHz: -4.1 dBi max
- 2480 MHz: -3.3 dBi max

Gain plots

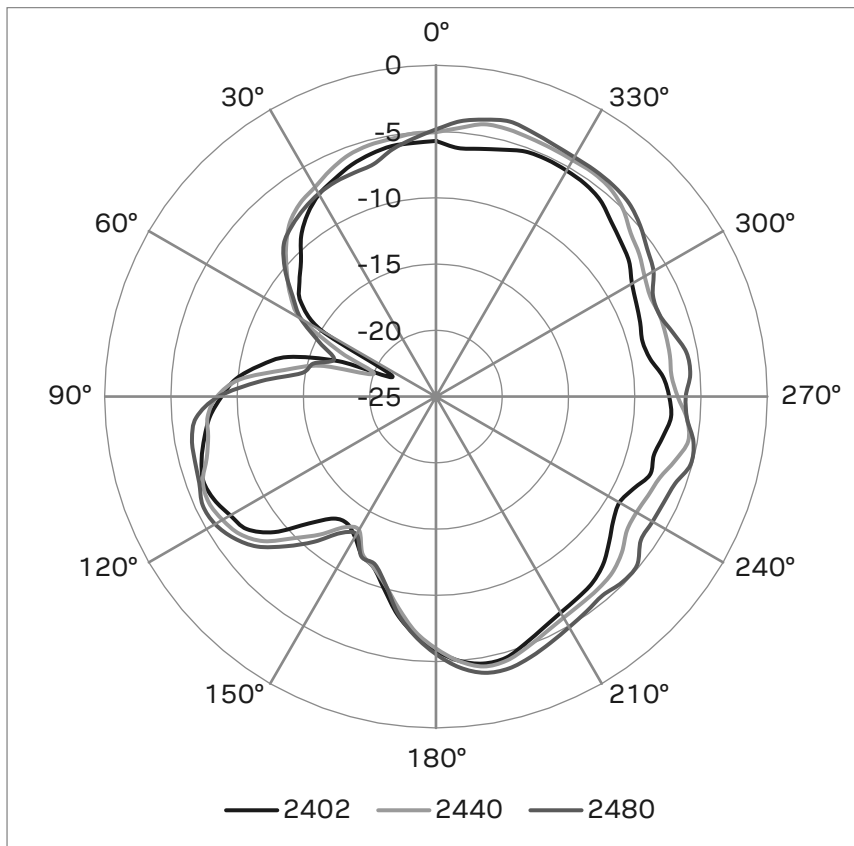


Figure 3 – Gain X-Y

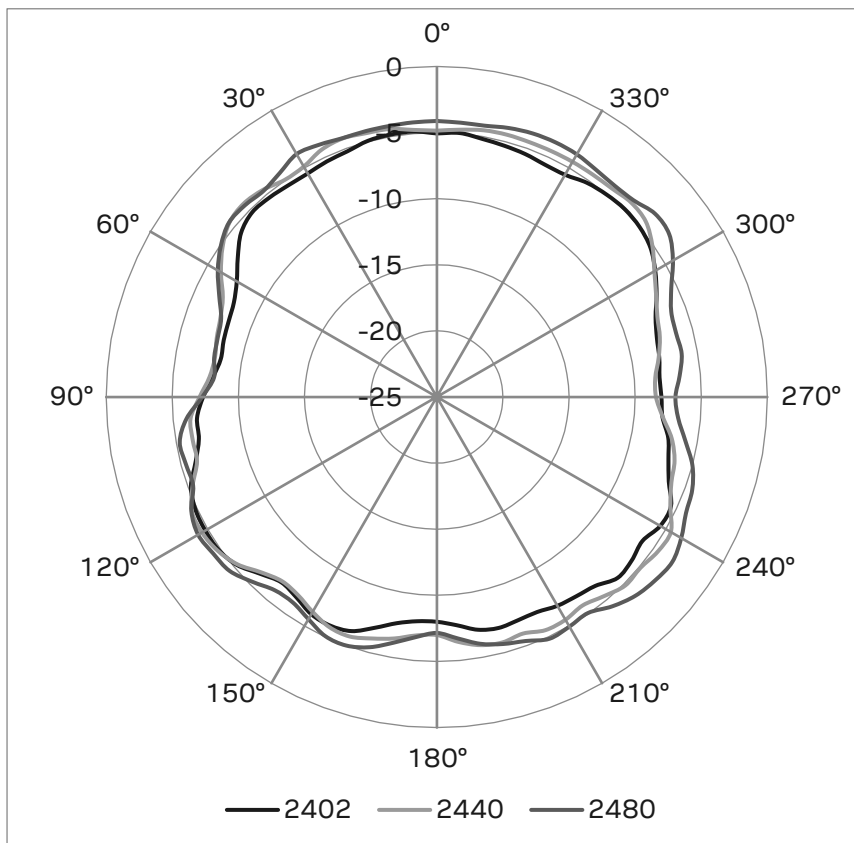


Figure 4 – Gain X-Z

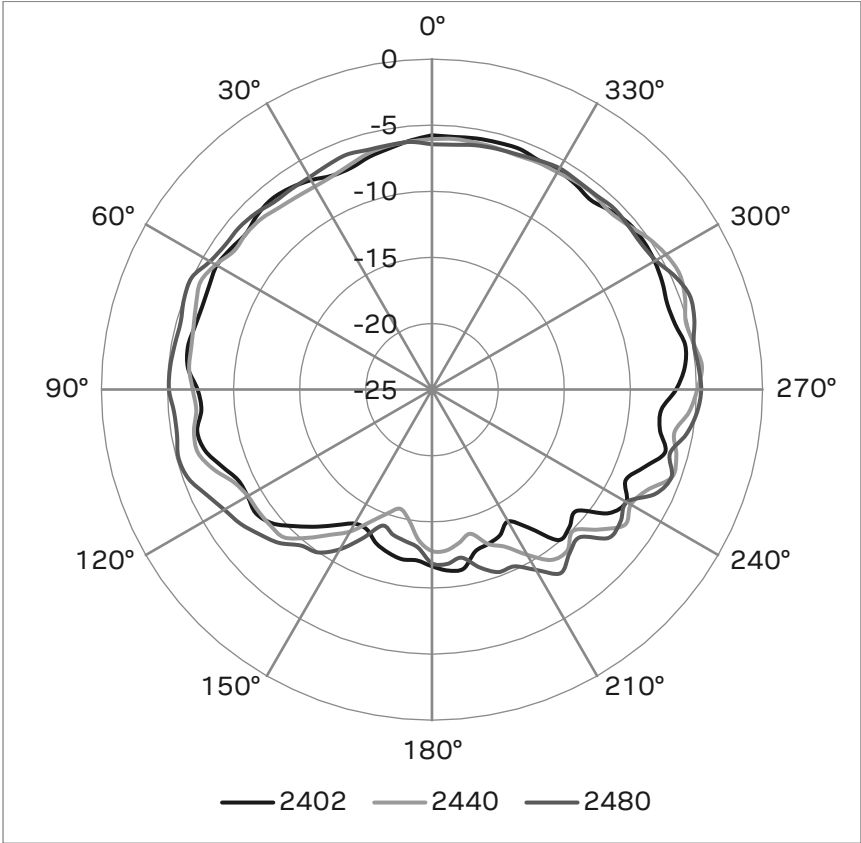


Figure 5 – Gain Y-Z