



nRF9151 Antenna Data Information

PCA10171 nRF9151 Development Kit

V1.0

31/01/2024

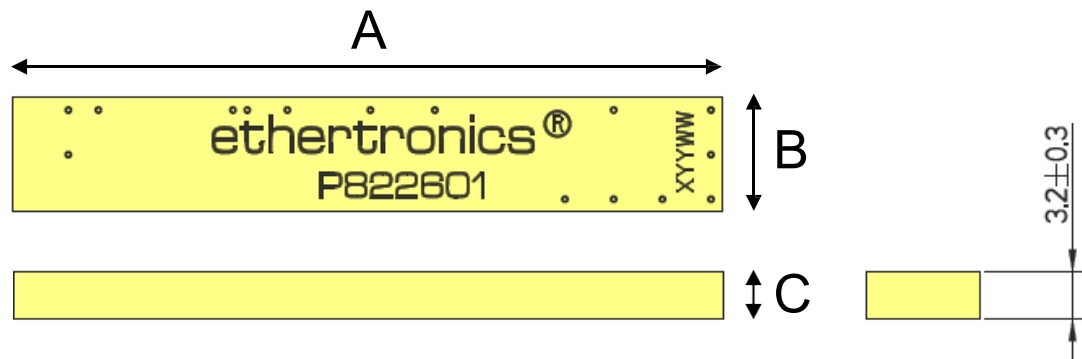
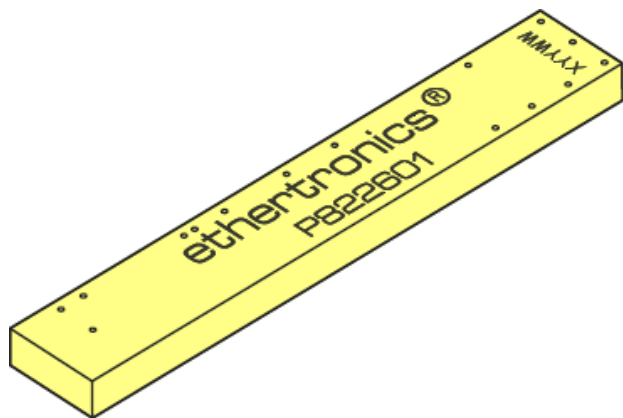
Antenna Manufacturer Information

- Brand: Ethertronics
- Model: P822601
- Type: RF4 Embedded LTE Antenna

<https://www.ethertronics.com/passive/>

Antenna Mechanical Dimensions

Part Number	A (mm)	B (mm)	C (mm)
P822601	49.6 ± 0.3	8.0 ± 0.2	3.2 ± 0.3

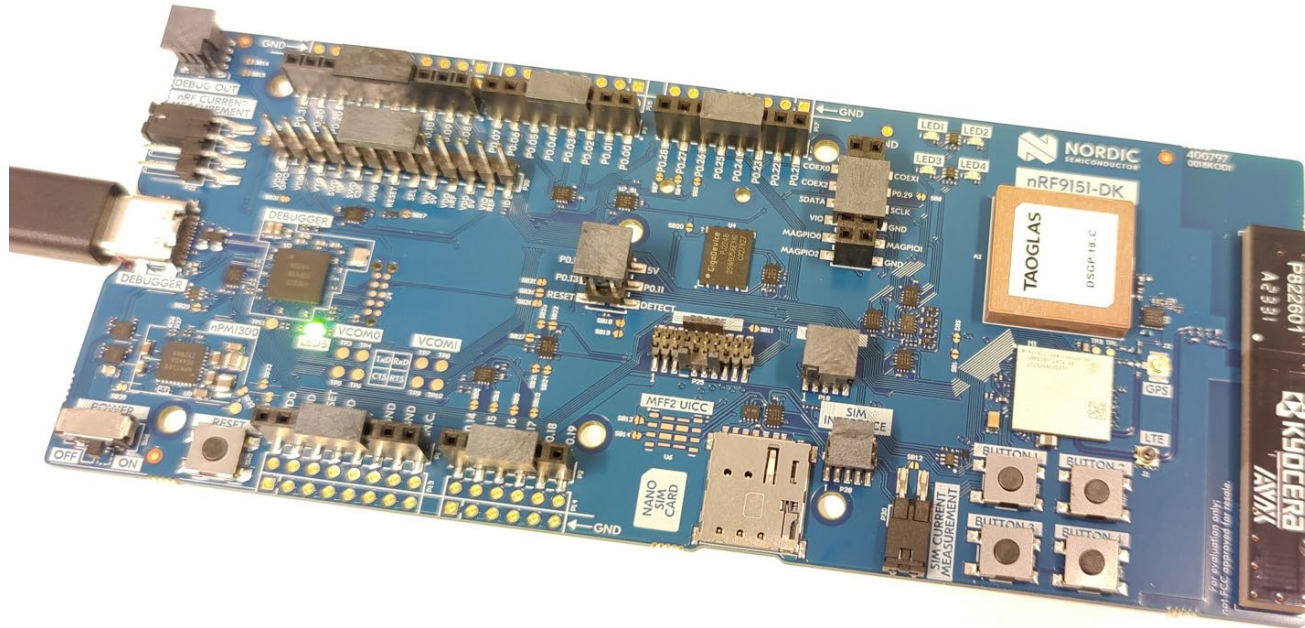


LTE Antenna



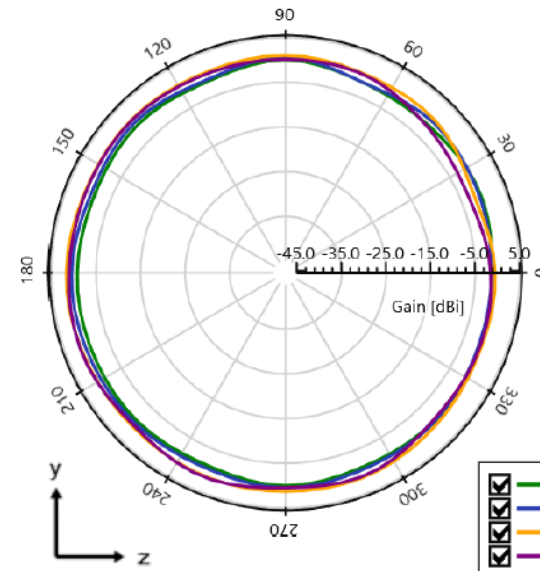
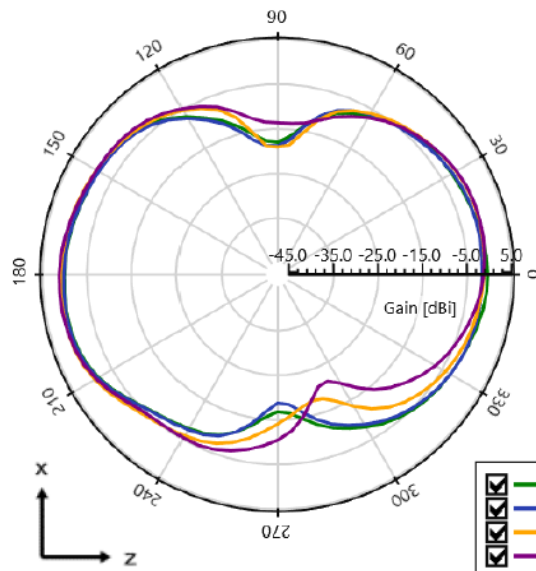
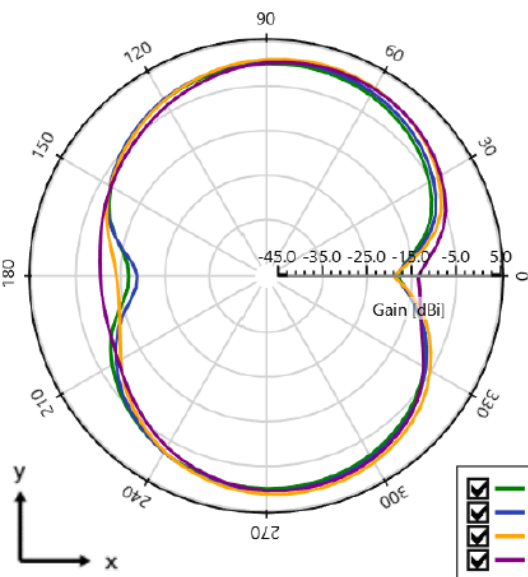
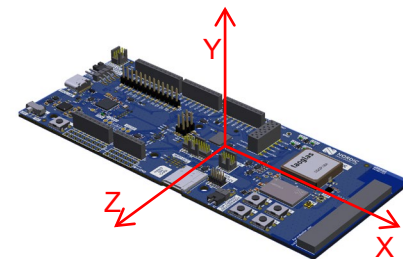
For evaluation only;
not FCC approved for resale

nRF91 Development Kit Photograph



Antenna Radiation Diagrams

- Low Band at 700, 750, 850, 900 MHz
- Peak gain: 2.6dBi



Antenna Radiation Diagrams

- High Band at 1800, 1900, 2100 MHz
- Peak gain: 4.4dBi

