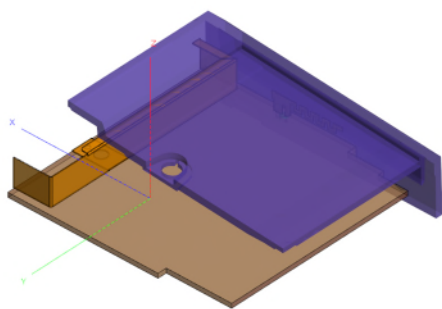


ST8100 (BLE) Antenna



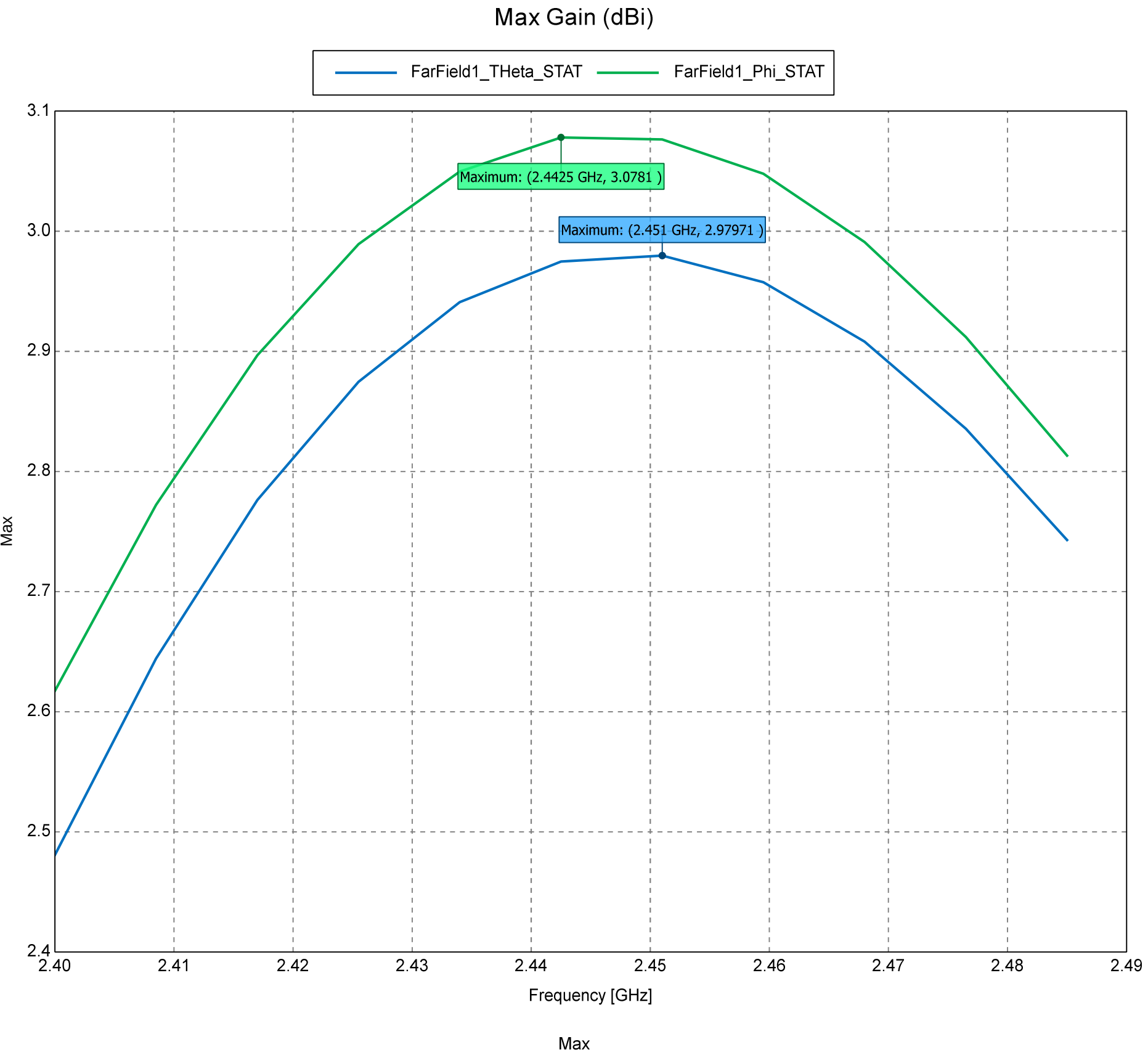
- Antenna type: Inverted F Antenna



Technical data

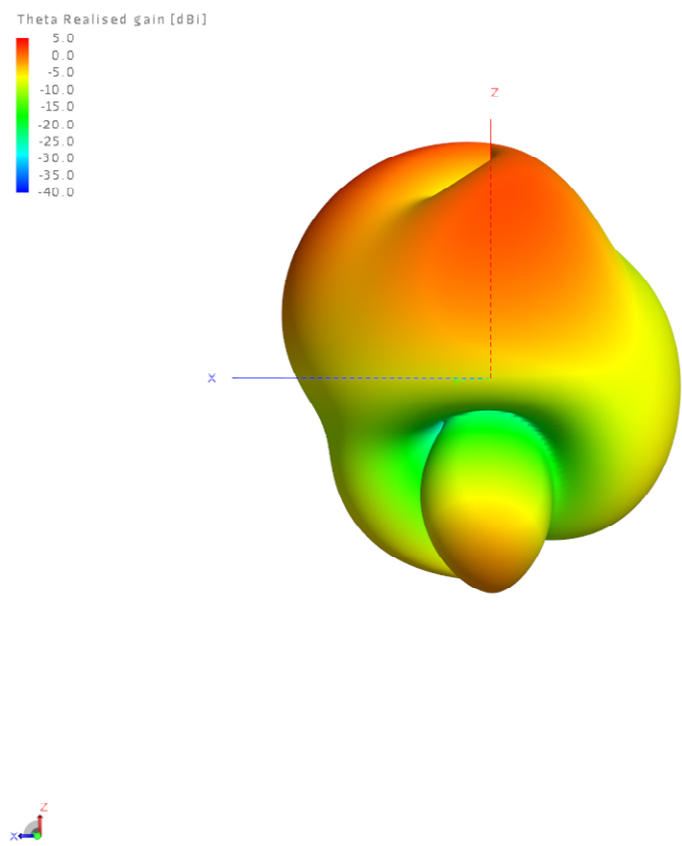
Dimensions (L x W x H)	25 mm × 6 mm x .3 mm
Temperature range	-40 ~ +85°C
Frequency range	2.4 – 2.485 GHz
Impedance	50 Ohm
VSWR	≤ 1.9:1
Gain (Realized gain)	Phi: 3.08 dBi max. Theta: 2.98 dBi max.
Polarization	Linear

Realized Gain

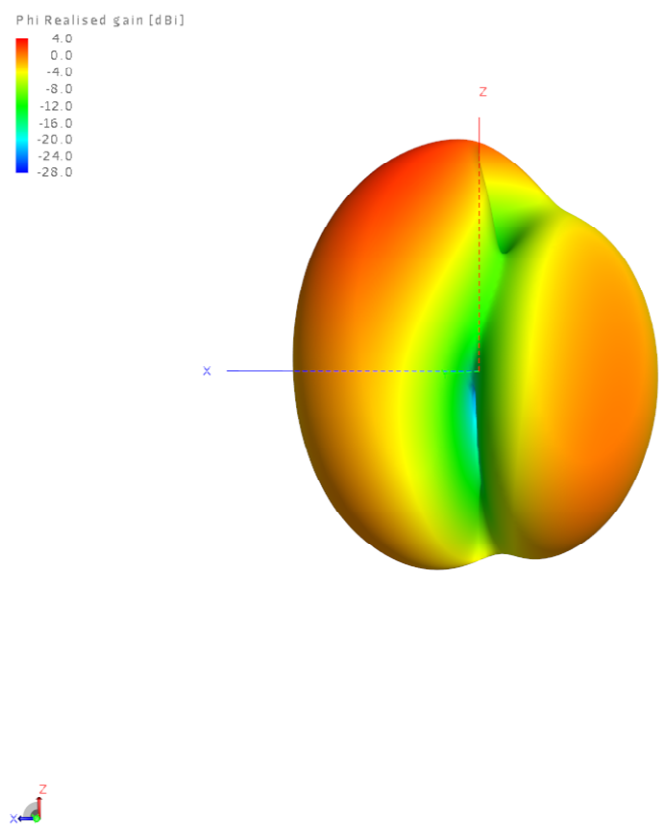


Antenna Radiation Patterns

2.4 GHz



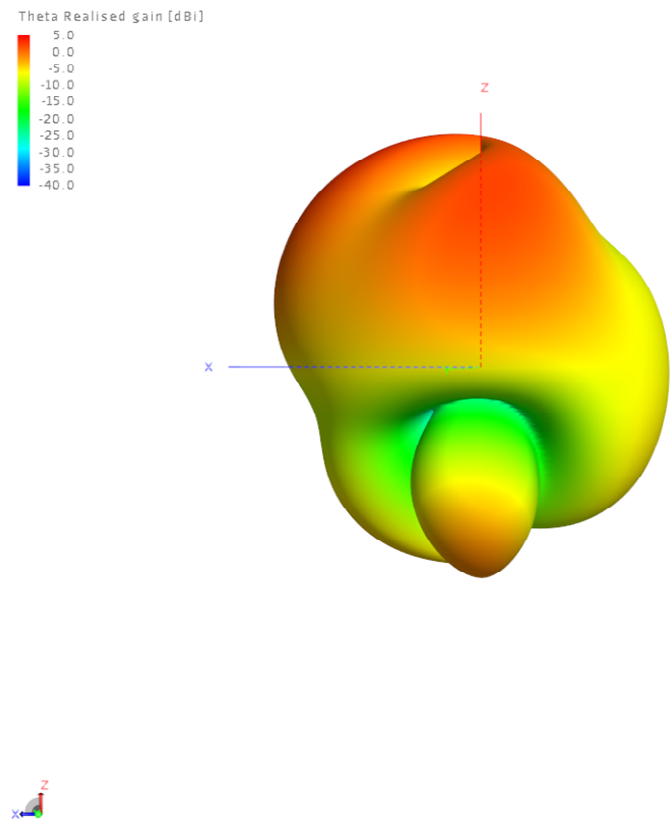
Theta Polarization



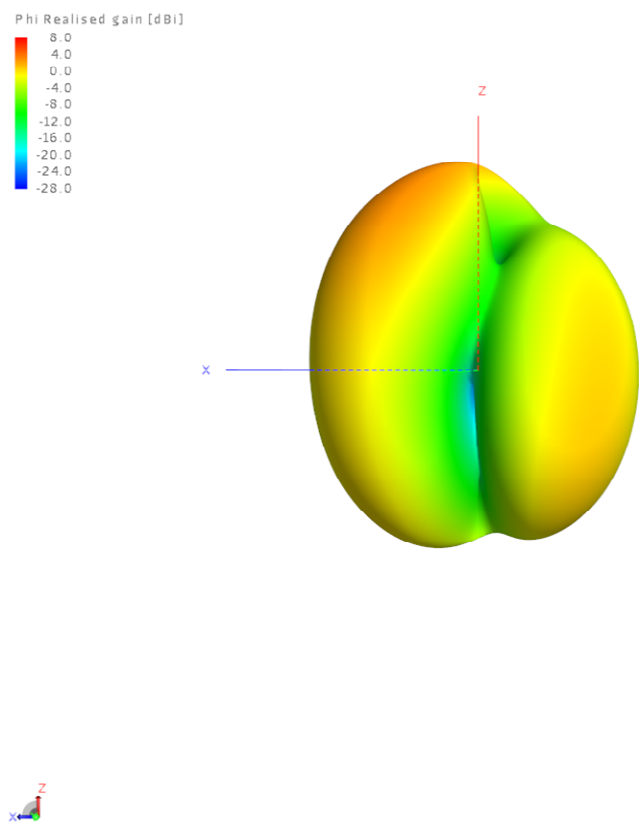
Phi Polarization

Antenna Radiation Patterns

2.4425 GHz



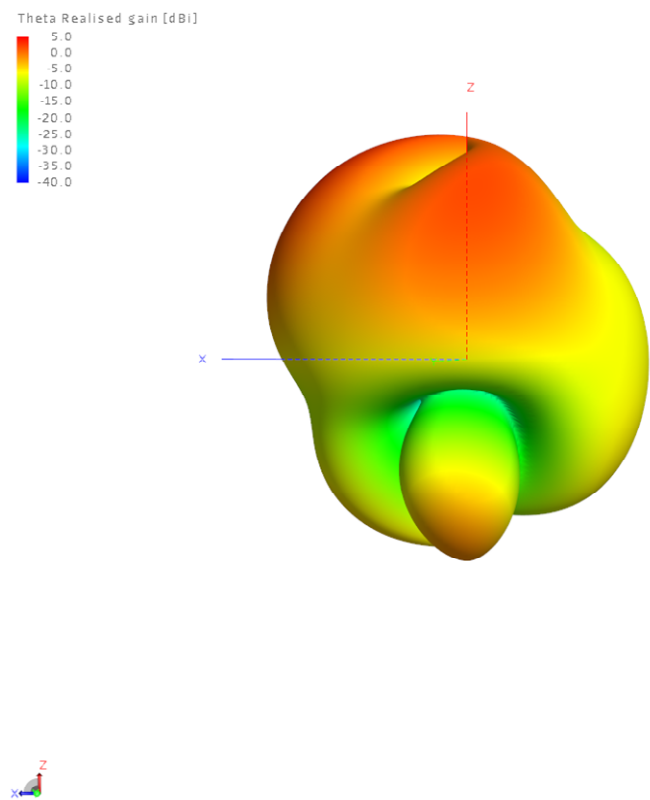
Theta Polarization



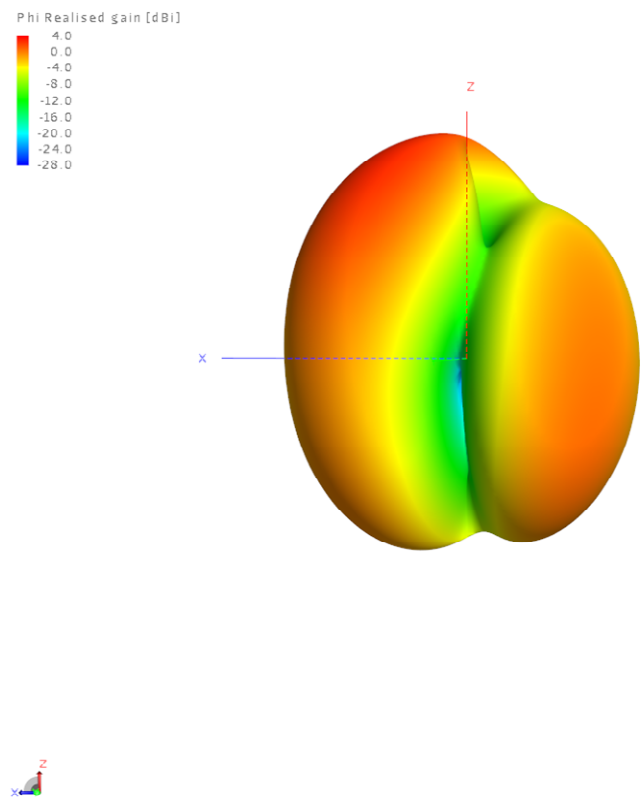
Phi Polarization

Antenna Radiation Patterns

2.485 GHz



Theta Polarization



Phi Polarization