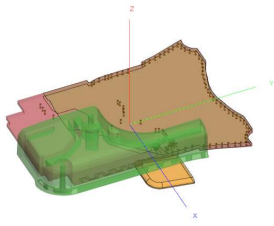


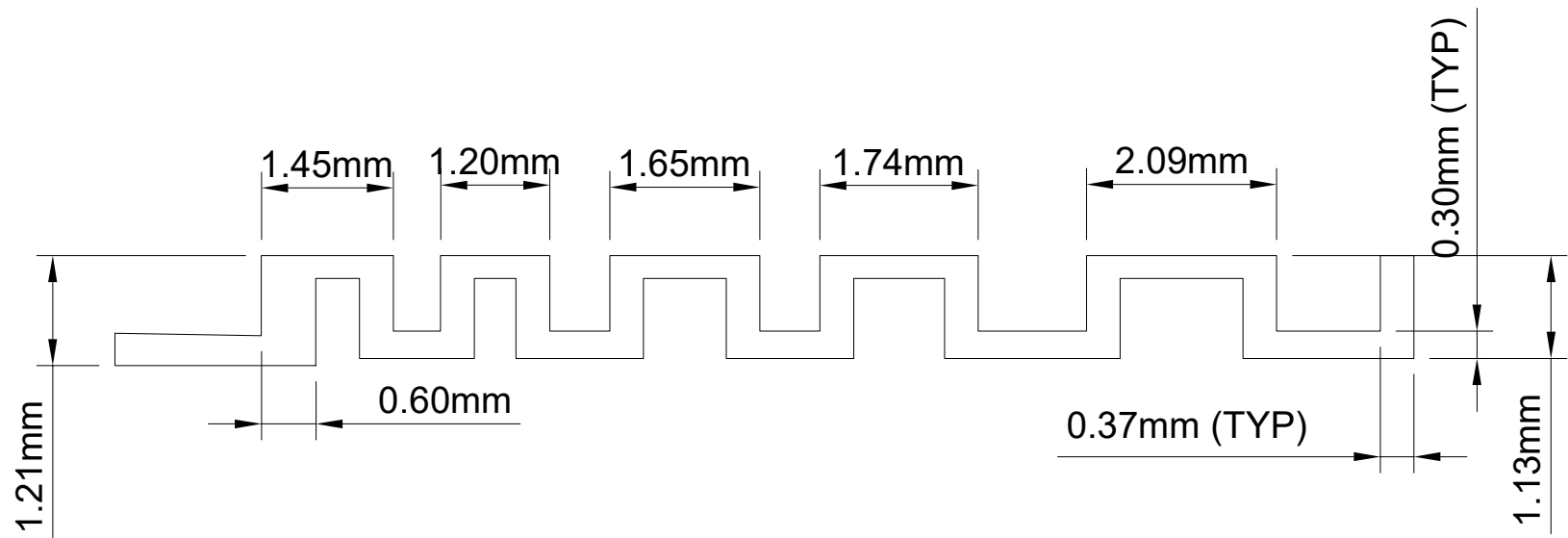
39G Antenna



- Antenna type: Inverted F Antenna
- Manufacturer: Noxgear
- Address: 966 Proprietors Rd
Worthington, OH 43085

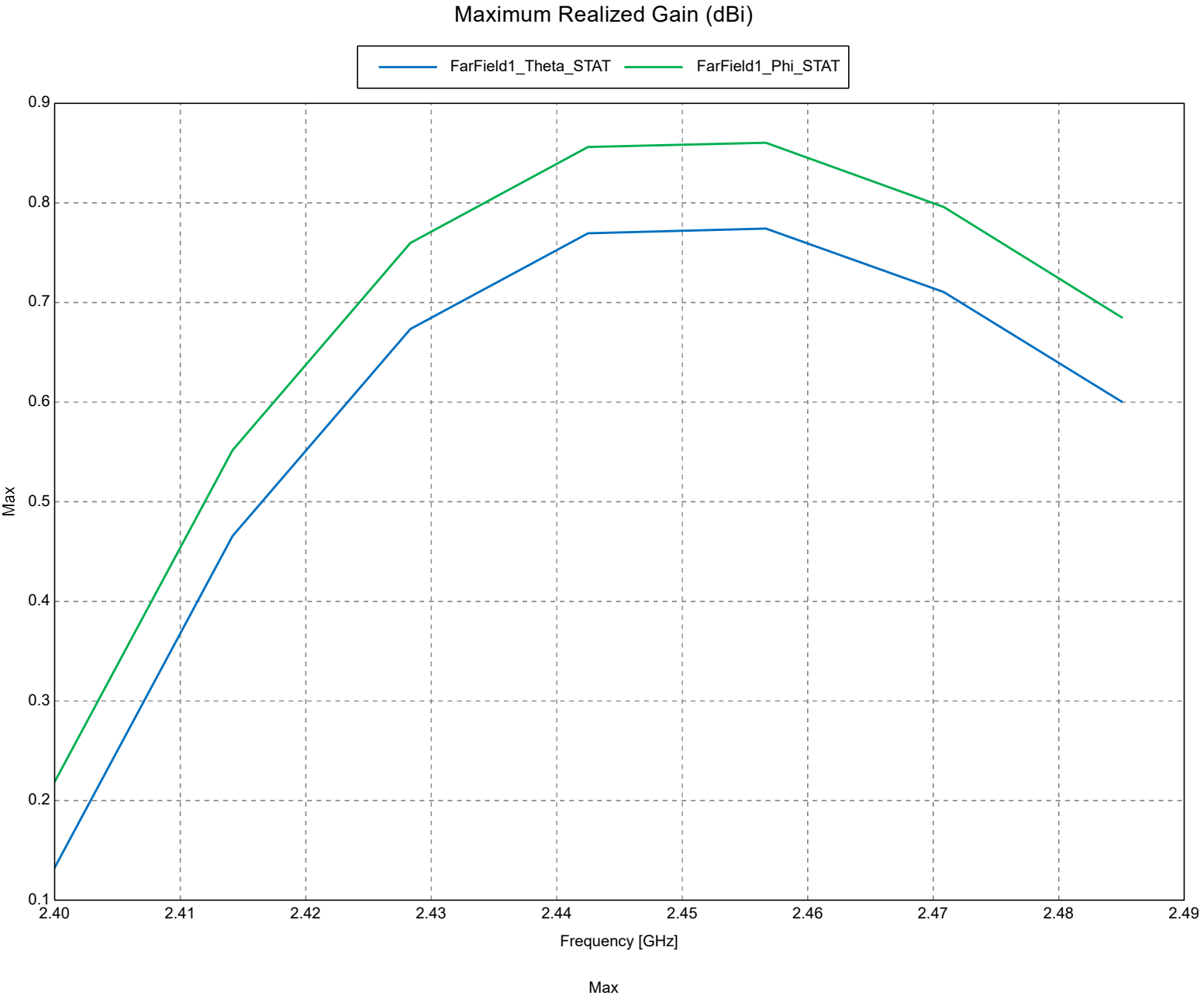
Technical data

Dimensions (L x W x H)	18.2 mm × 1 mm x 1oz.
Temperature range	-40 ~ +85°C
Frequency range	2.4 – 2.485 GHz
Impedance	50 Ohm
VSWR	≤ 2:1
Gain (Realized gain)	Phi: 0.9 dBi max. Theta: 0.8 dBi max.
Polarization	Linear



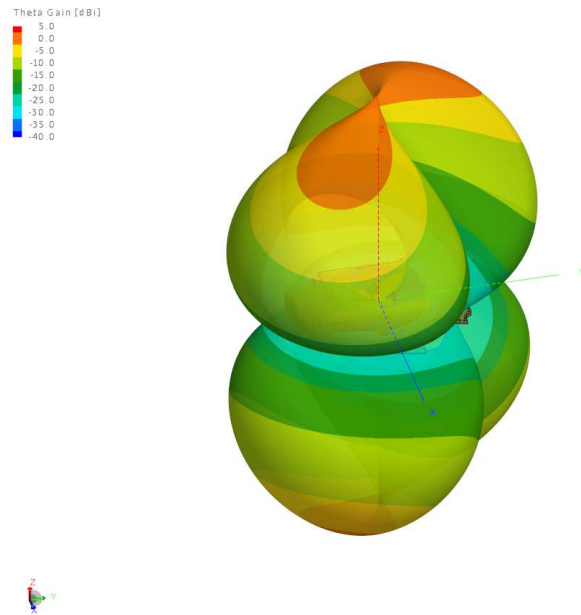
Created by Zach Karlsen		Approved by N/A	
Document type Drawing		Dept. ENGR	
Title Inverted F Antenna			
		Rev. 1.0	Date of issue 10/20/25

Realized Gain

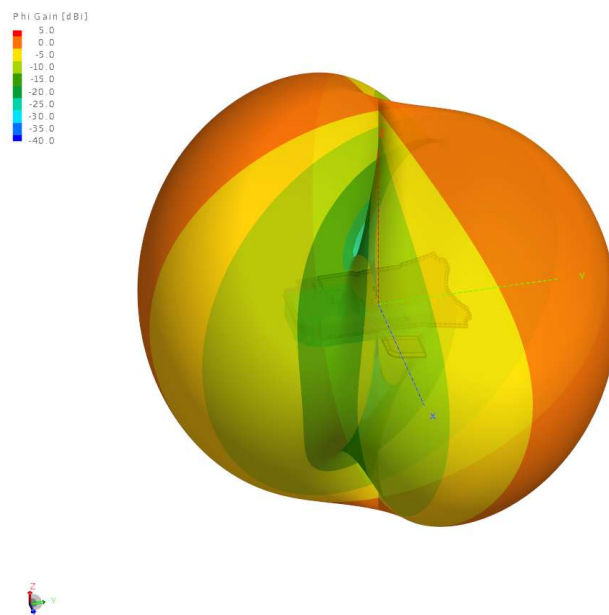


Antenna Radiation Patterns

2.4 GHz



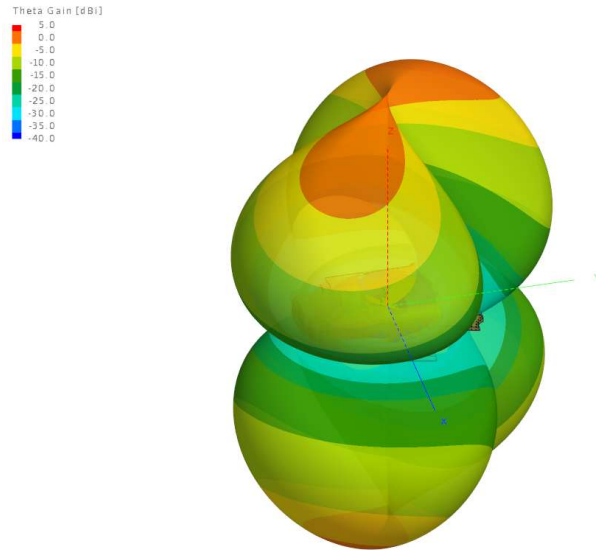
Theta Polarization



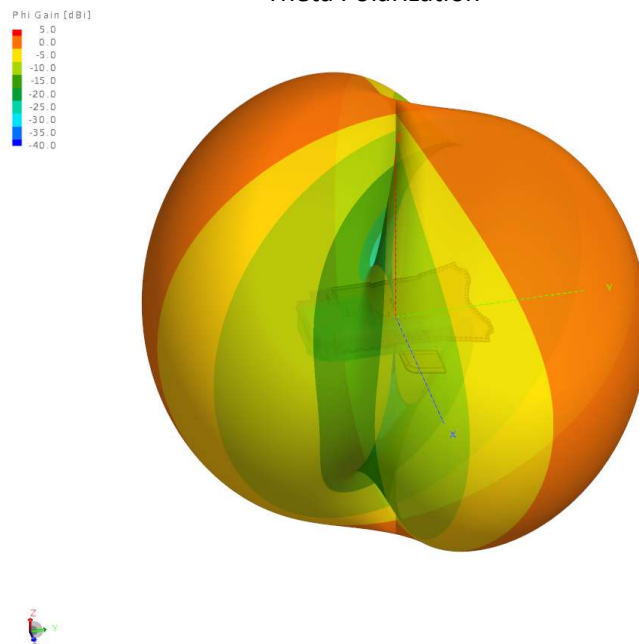
Phi Polarization

Antenna Radiation Patterns

2.4425 GHz



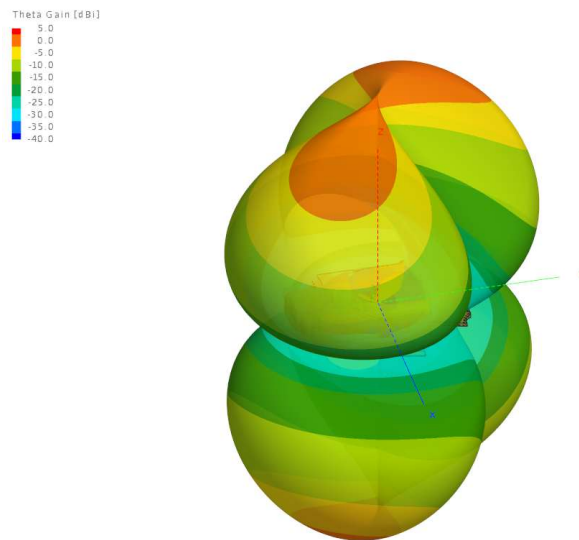
Theta Polarization



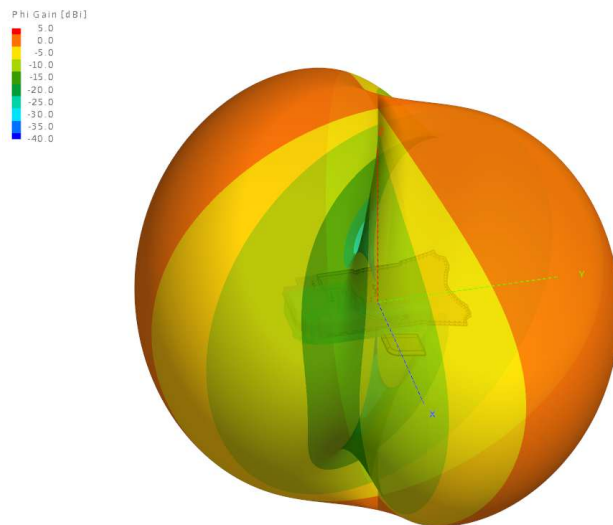
Phi Polarization

Antenna Radiation Patterns

2.485 GHz



Theta Polarization



Phi Polarization