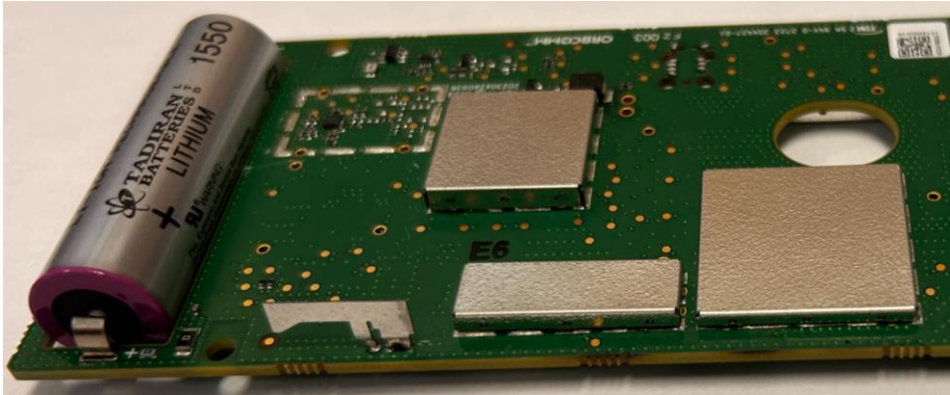


SC1000 BLE Antenna

BLE Antenna on the PCB Board



BLE Antenna



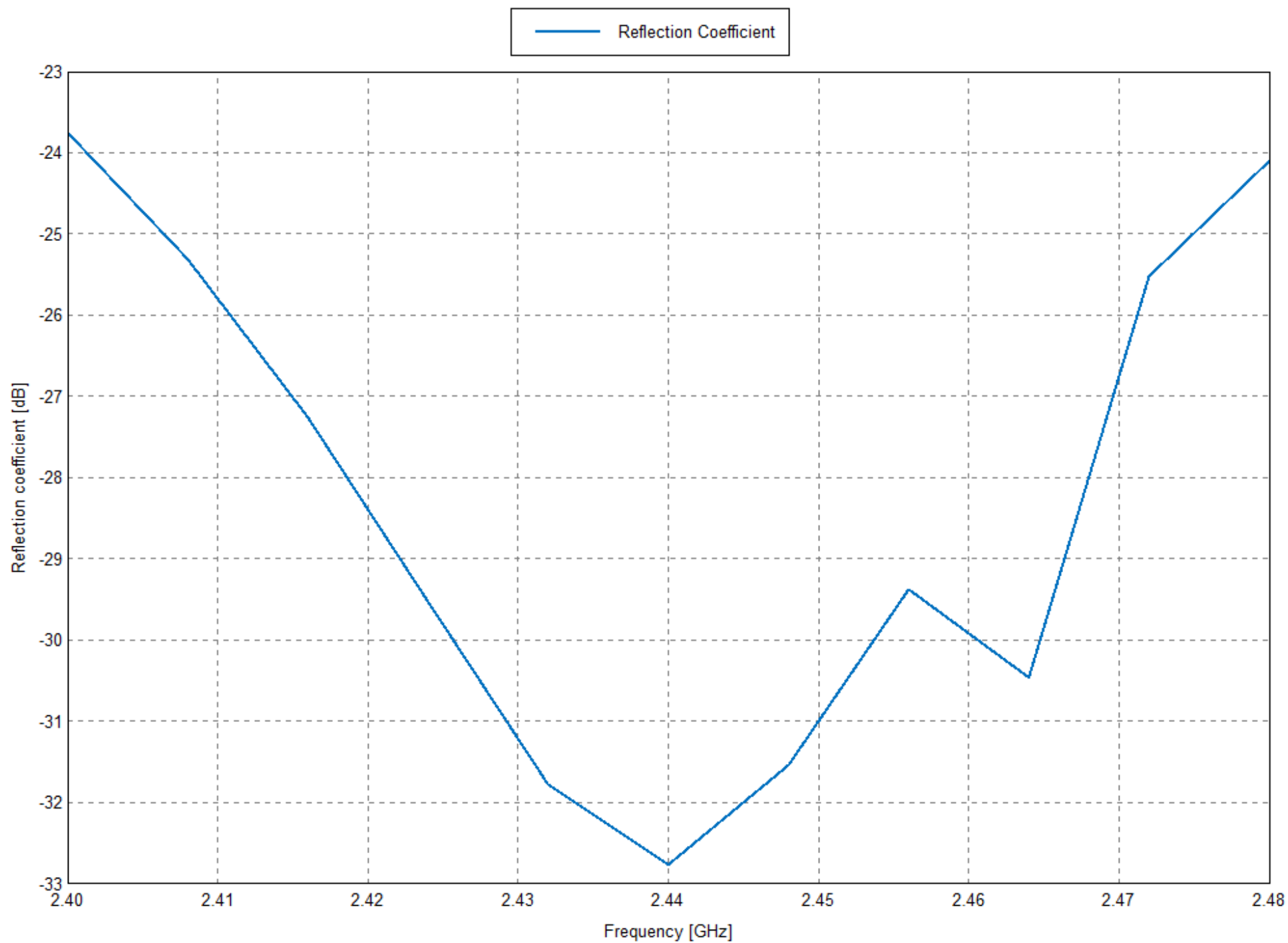
Internal Part Number: MD702301

- F-Inverted Metal BLE Ant.
- Embedded in encapsulant for ATEX compliance.

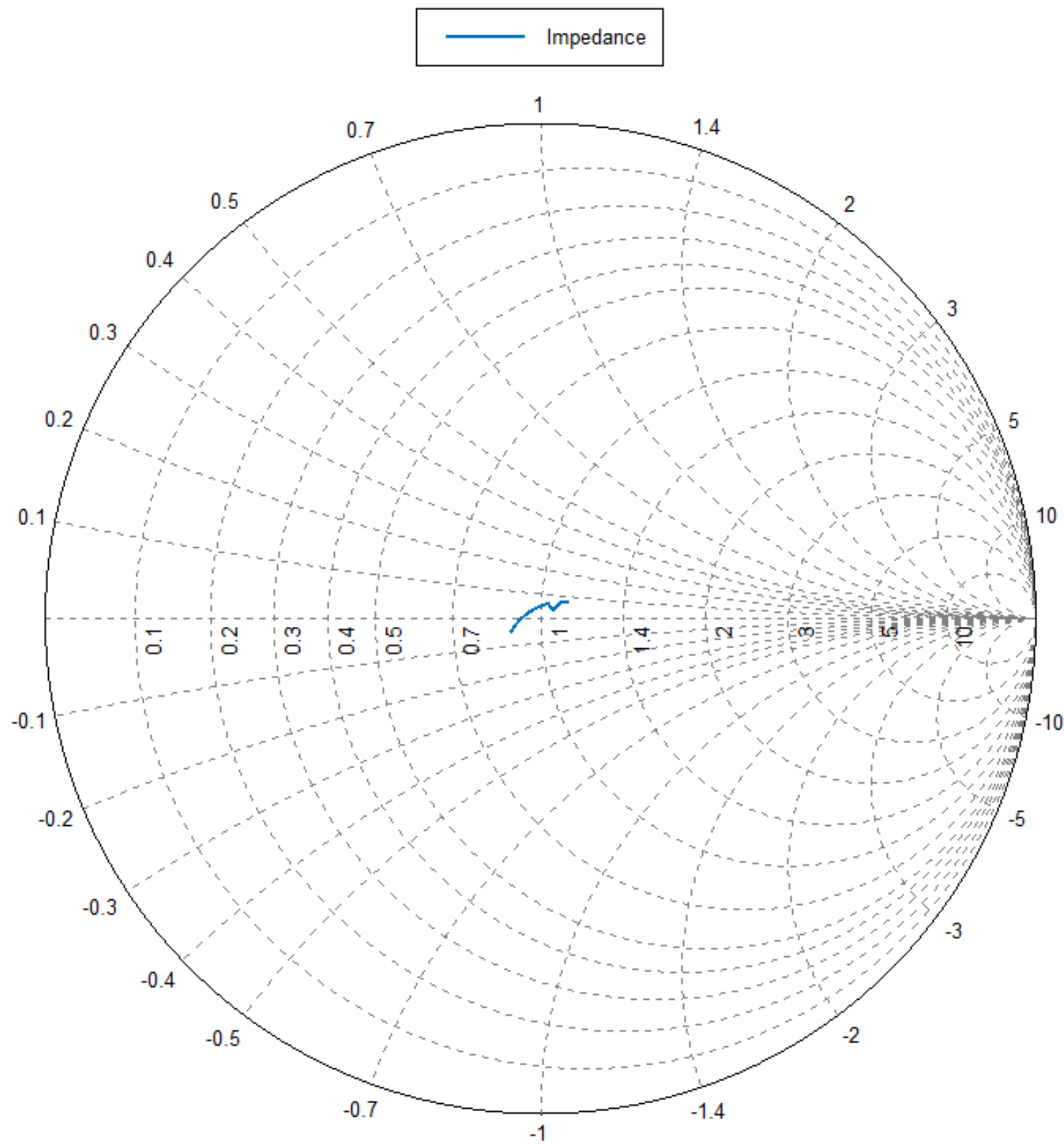
Technical data

Dimensions	15.25 mm ×8.56mm x 0.3 mm
Temperature range	-40 ~ +85°C
Frequency range	2400 - 2485 MHz
Impedance	50 Ohm
VSWR	≤ 1.14 (With matching)
Gain (Total realized gain)	2.1dBi max 2400MHz 2.5dBi max 2440MHz 2.7dBi max 2485MHz
Efficiency (typical)	59%

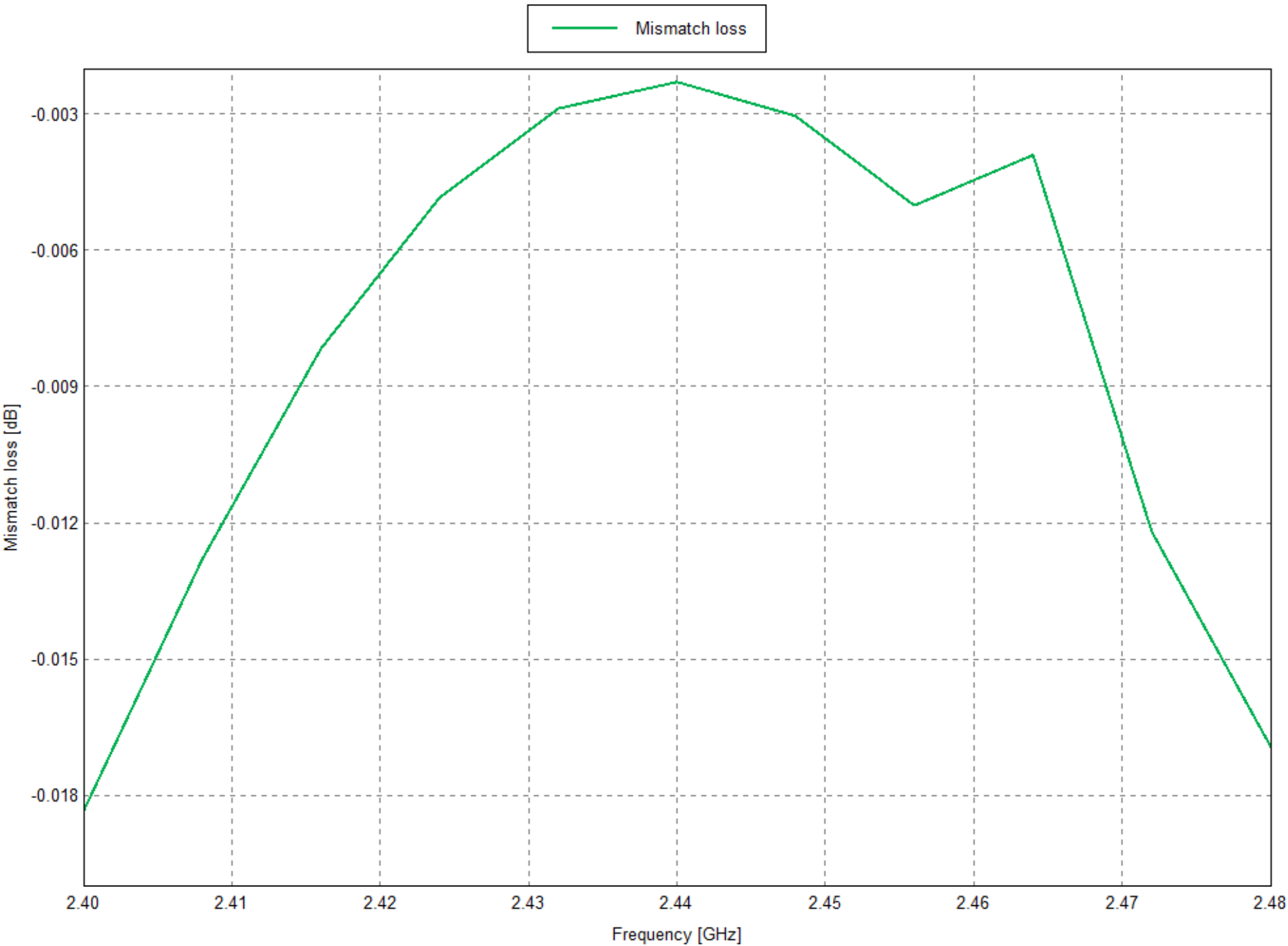
Antenna Reflection Coefficient:



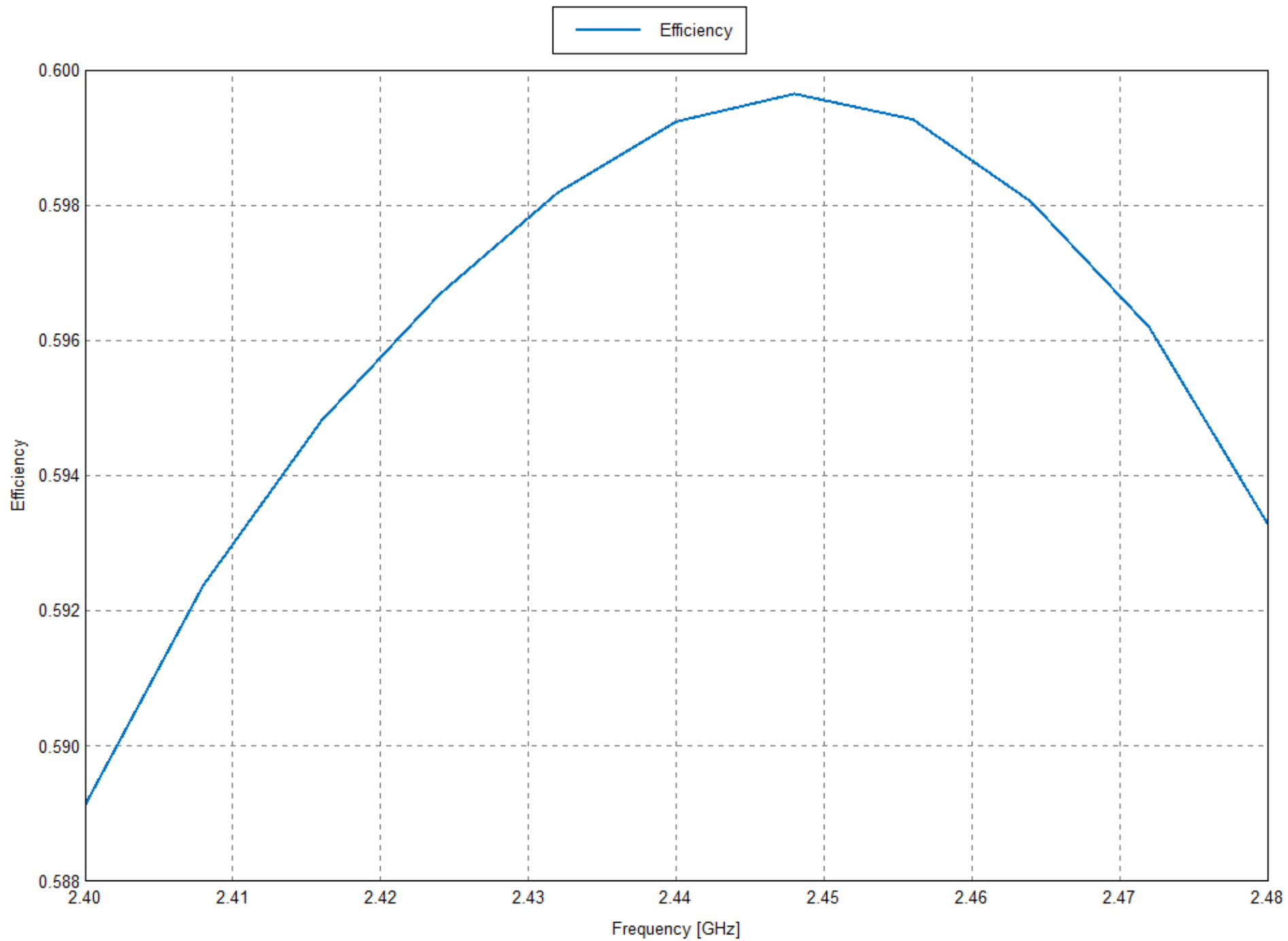
Antenna Excitation:



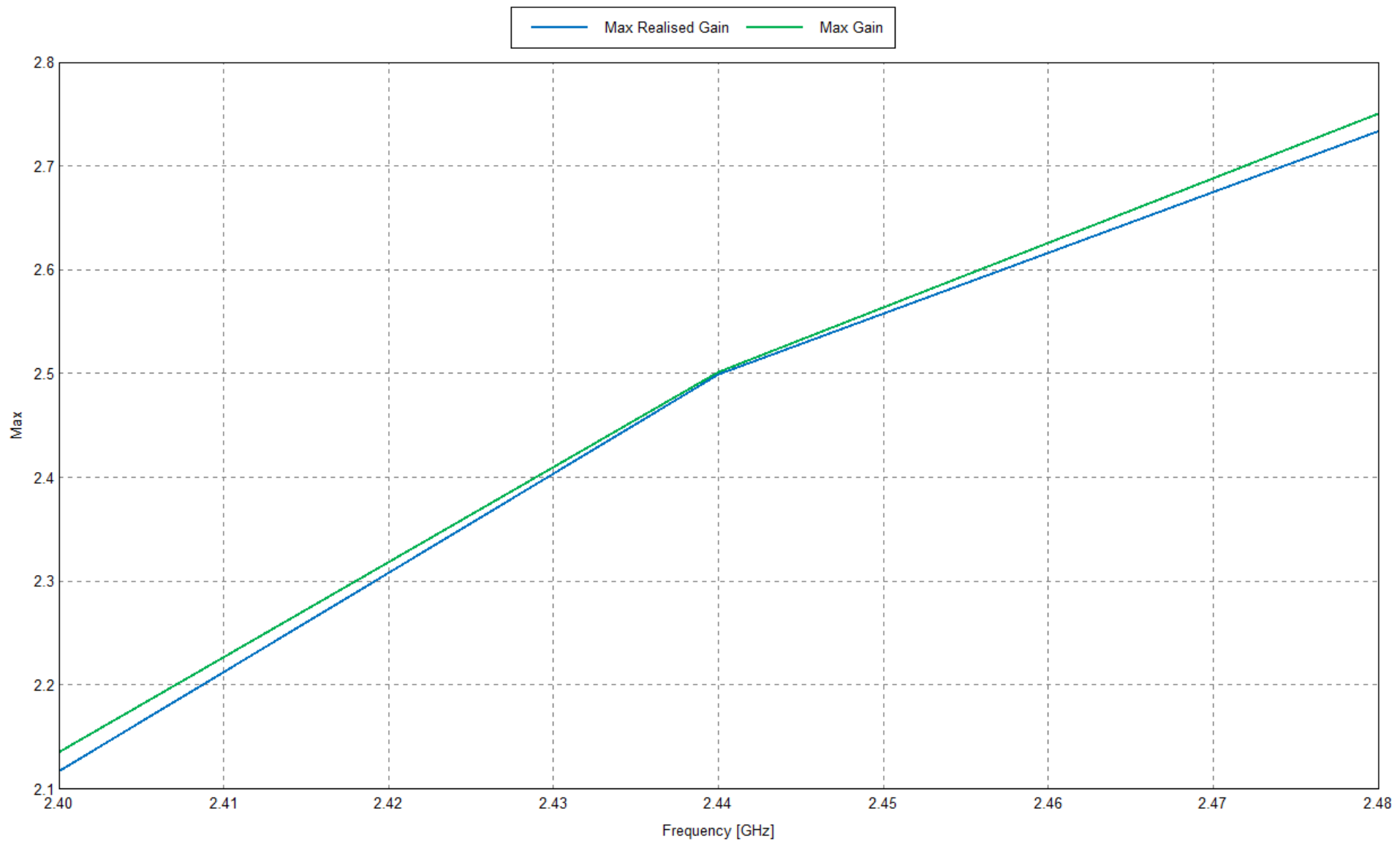
Antenna Mismatch Loss:



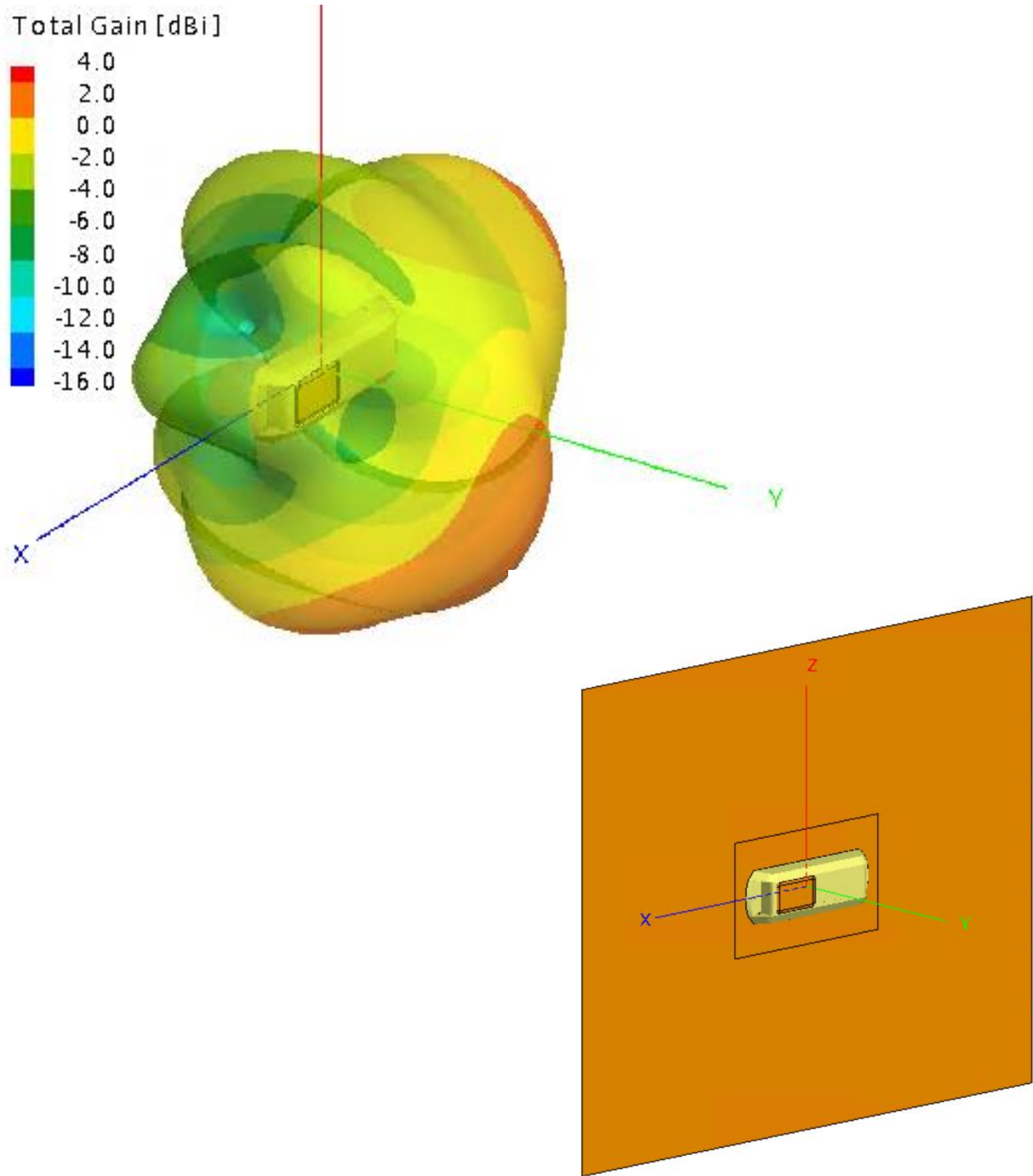
Antenna Efficiency:



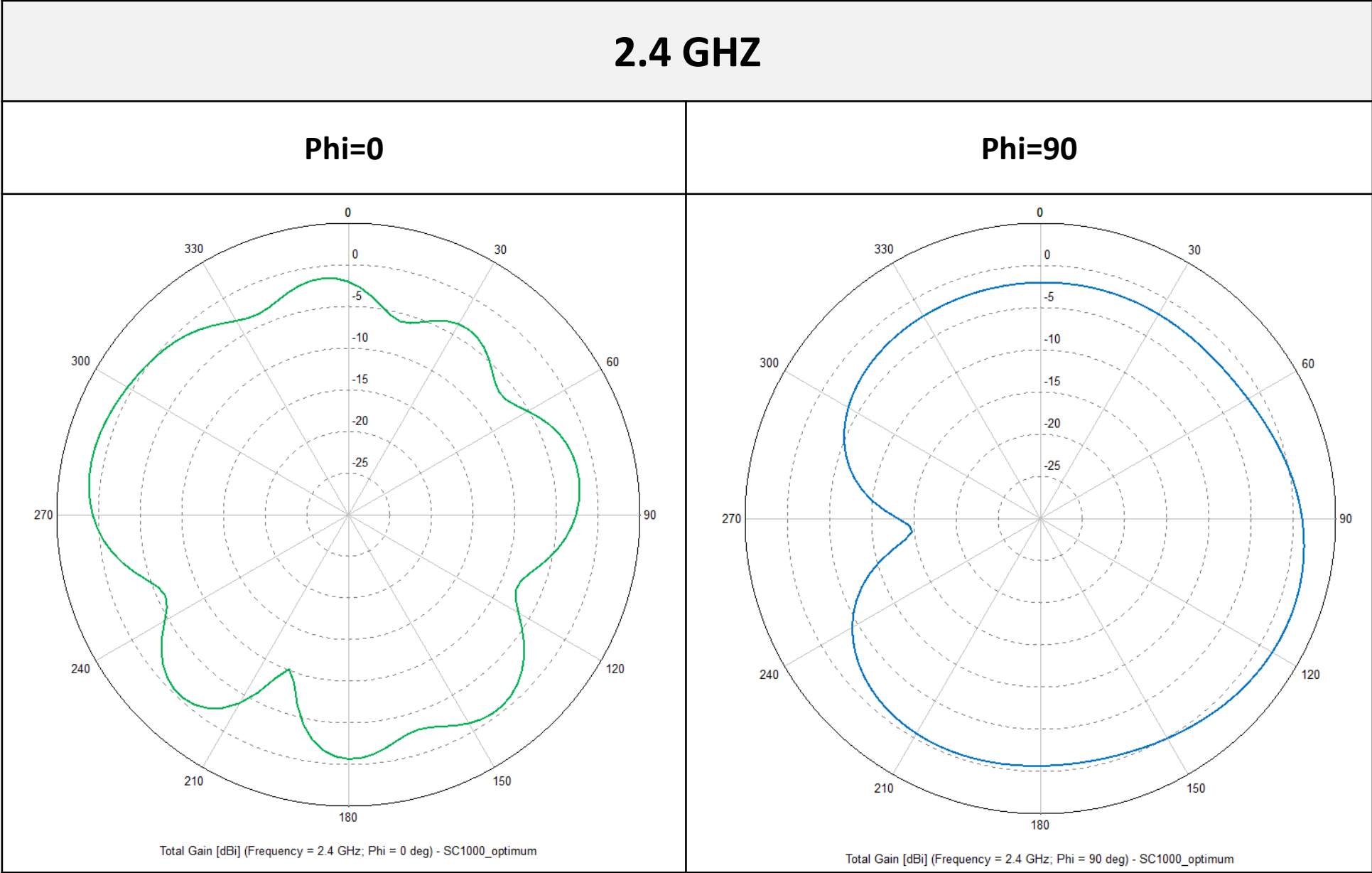
Antenna Max Gain / Realized Gain (dBi):



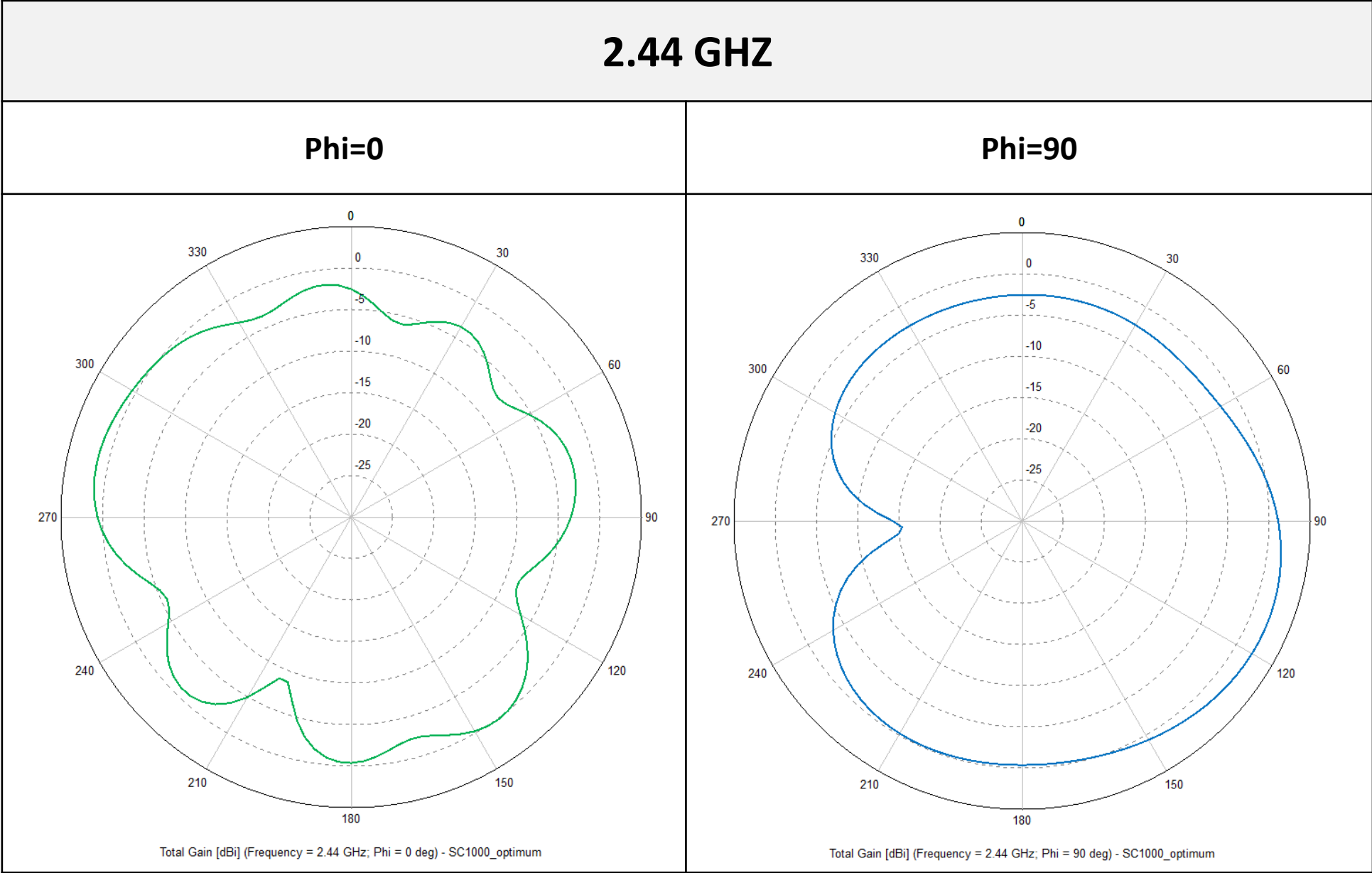
Antenna Radiation Patterns:



Antenna Far Field:



Antenna Far Field:



Antenna Far Field:

