



edgeRX Pro Antenna Specifications



► CONFIDENTIAL

TDK SenseI Japan Unit Engineering Dept

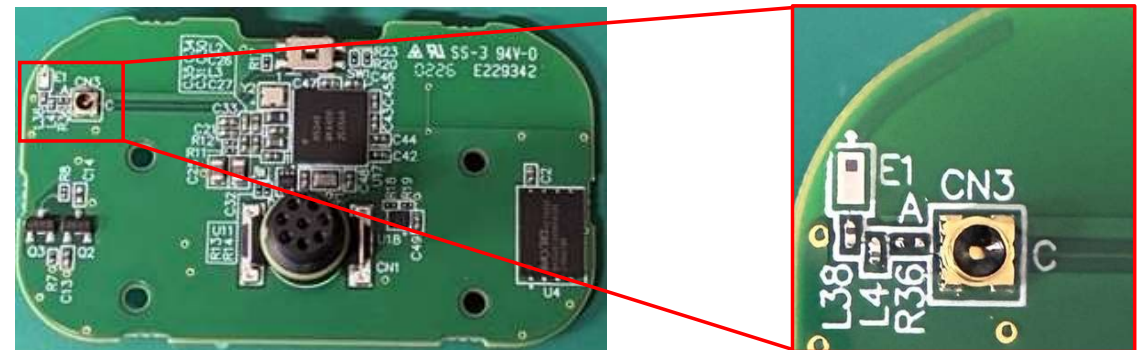
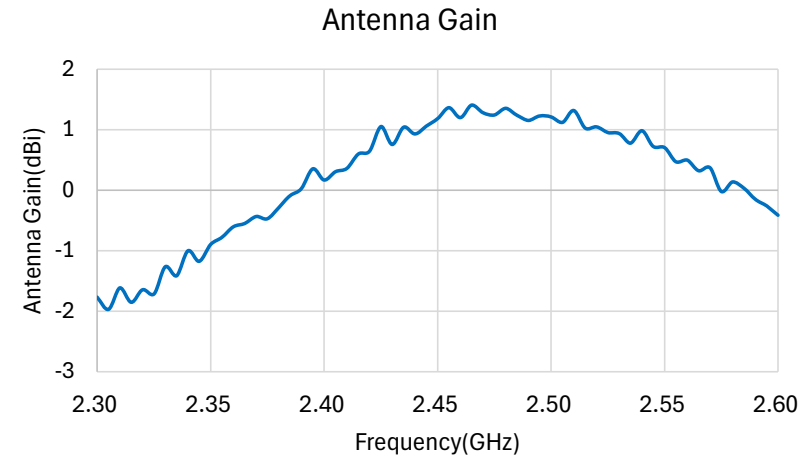
Mar 13, 2026

© TDK Corporation 2026

Antenna Specifications

- ▶ Manufacturer : TDK Corporation
- ▶ Address : 1-8, Manganzi, Yurihonjyo-shi,
Akita 015-0064, Japan

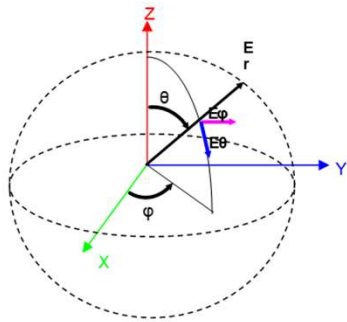
Antenna Model	Monopole antenna
Model	ANT016008LCS2442MA2
Antenna Dimensions	1.6 x 0.8 x 0.4mm (L x W xT)
Frequency range	2400MHz to 2484 MHz
Antenna Gain	1.4 dBi Max
Radiation Pattern	Omni-Directional
Connector type	None



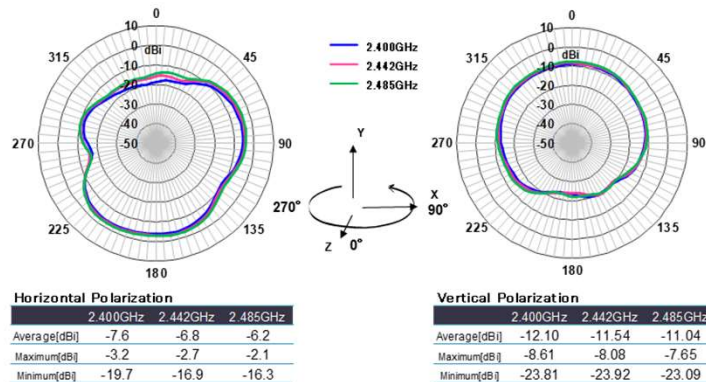
Exterior view

Radiation Pattern (2.4GHz Band)

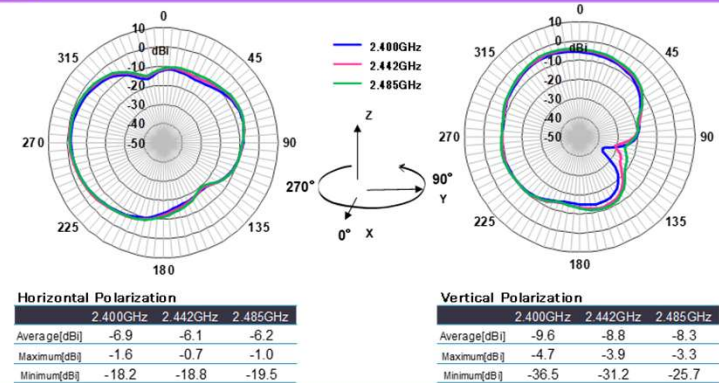
PRODUCT ORIENTATIONS



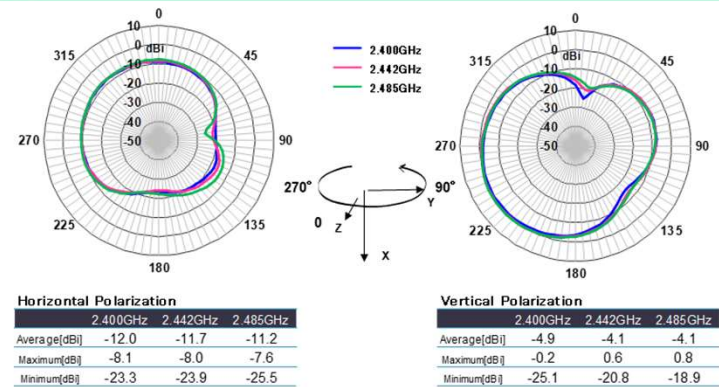
X-Z PLANE



X-Y PLANE



Y-Z PLANE



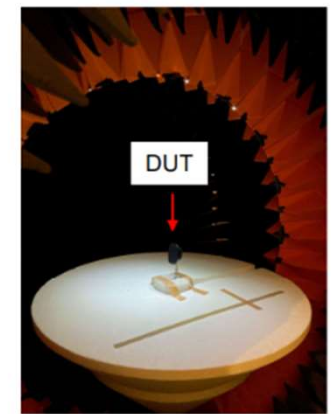
Antenna Specifications

► Test information

Items	Information
Test day	Mar. 12th, 2026
Person in charge of test	Shohei Sakai
Calibrated test equipment	StarLab (0.65 to 18 GHz)
Software	Wave Studio, SatEnv



StarLab



DUT on the measurement position

Test set up

► Test procedure

- Set DUT on the measurement position in StarLab.
- Set measurement condition by using Wave Studio and start measuring antenna characteristics.
- Output measurement data by using both Wave Studio and StaEnv after finishing measurement.

