

RERXTM

WIRELESS POWER
REFERENCE RECEIVER
FOR EMC/EMI
MEASUREMENTS



Developed by nok9,
sole provider of
compliance and
reference tools for Qi
(BPP & EPP)

Battery supplied
portable unit with
compact design for
high durability and
portable use

Standalone system
with fully configurable
settings and storage
of operational data

Designed for low
radiation and minimal
noise emission

Accurate and reliable
measurements
with full control of
operating parameters

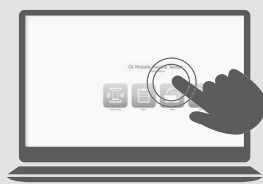


MEET RERX

RERX is the new reference receiver for regulatory certification of wireless power transmitter products within the Qi standard by Wireless Power Consortium (WPC).

The RERX system includes one receiver coil and a control unit, both designed specifically for low emission use. The RERX is a battery supplied standalone system without any external connections required during operation. Both settings and operation data is stored and can be accessed through USB connection. The dynamic user interface features modern and simple settings for flexible and easy adjustments.

RERX SYSTEM OVERVIEW



Laptop for configuration of settings and exportation of operation data



RERX reference receiver



COMMUNICATION

POWER



Power Transmitter

STATE-OF-THE-ART FEATURES —

- Extreme accuracy and precise performance for reliable results
- Fully configurable setting and internal storage for maximum flexibility
- Developed specifically for use in EMC chambers and during product certification
- Battery supplied and compact design for portable use

TECHNICAL SPECIFICATIONS

All specifications are subject to change without notice.

RERX REFERENCE RECEIVER

- For wireless power transmitter manufacturers
- Supports all Qi power classes (BPP & EPP)
- Compatibility with universal mains (90-260VAC, 50-60Hz)
- State of the art measurement of;
 - Voltage
 - Current
 - Power
 - Efficiency
 - Phase
- Provides analysis of the load dump/steps
- Communication
 - Supports all versions of Qi protocol
- User Interface
 - Adjustable settings and parameters to fit individual product development and evaluation needs
 - External LED for power
 - External LED for power transfer (with device under test)
- Separate control unit and coil box
- Detachable for transportation
 - High quality 5-pin cold plated XLR connectors
- Lightweight portable system
 - Weight: 2 kg
 - Height (control unit): 220 mm
 - Length (control unit): 280 mm
 - Width (control unit): 140 mm
 - Height (coil box): 12,5 mm
 - Length (coil box): 130 mm
 - Width (coil box): 70 mm
 - Cable length (coil box): 300 mm
- I/O
 - USB
 - Power

WE SET THE STANDARD —

Every test and evaluation system from nok9 is the product of over 25 years of specialized expertise. Each of our test tools are hand-built with the highest quality components and put through the industry's most rigorous testing, quality control and calibration protocols prior to deliver. As an active member of the WPC, we contribute our knowledge and experience to developing improved wireless power specifications based on the Qi global standard and provide certified testing solutions that are driving the industry forward. Under nok9 Standards, we develop specialized interface standards designed to expand the possibilities of wireless power technology.

For more information, visit nok9.com.

TRUSTED BY THE TOP BRANDS

CATS II REFERENCE TESTERS



BASE TESTERS



CATS I REFERENCE TESTERS

