

Product Status Designation

Date: 30 November 2020

Model: 4541 and 4542 Peak Power Meters

Status: End-of-Life / Discontinued

Alternative: PMX40. The PMX40 provides design engineers and technicians the utility of traditional benchtop instrument, the flexibility and performance of modern USB RF power sensors, and the simplicity of a multi-touch display built with Boonton award-winning technology.

As a benchtop meter, the PMX40 provides a standalone solution for capturing, displaying, and analyzing peak and average RF power in both the time and statistical domains through an intuitive, multi-touch touchscreen display.

The Boonton PMX40 RF Power Meter utilizes up to four Boonton USB RF power sensors either independently or for synchronized multi-channel measurements of CW, modulated, and pulsed signals.

The PMX40 offers most functionality of the 4540 with the advantage of utilizing Boonton USB power sensors. Approximately 90% of the remote commands for this functionality will be the same as for the 4540.

Quick Features

- Capture/display/analyze peak and average power
- Frequency range from 4 kHz to 40 GHz
- Industry-leading video bandwidth (195 MHz) and rise time (3 ns)
- Industry-leading 100,000 measurements per second
- Industry-leading time resolution as fine as 100 ps
- Synchronous multi-channel measurements (up to 4 channels)

- Sensors can be used as standalone instruments

Terminology:

Limited Availability

This terminology signifies that a product is approaching End-of-Life. It can still be purchased, but quantities available are limited.

End-of-Life (EOL) / Discontinued

This terminology signifies that a product can no longer be purchased. Service is typically made available for seven years once a product has been discontinued. Beyond that period, service will be available on a best-effort basis.

Obsolete

The product can no longer be serviced. In some cases, calibration services may still be available.