

Product Status Designation

Date: 25 June 2021

Model: 4531 and 4532 Peak Power Meters

Status: End-of-Life

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 4530 with the advantage of utilizing Boonton USB power sensors. The two models share approximately 75% of SCPI commands. The PMX40 does not support the 4530 non-SCPI, “native-mode commands”.

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.