

For Field Maintenance of Digital/Analog Radio Equipment U3641 Spectrum Analyzer

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7kg (Main Unit)

9kHz to 3GHz Frequency Range



Overview

The U3641 was developed in quest of lightest and yet fully-featured spectrum analyzer. Employing completely new concept for external and internal design, it achieved 7kg (main unit), the mass lightest in the world for this kind. By using synthesized local, the U3641 provide specification supporting today's narrower bandwidth radio systems. It is a truly portable spectrum analyzer, battery operational for providing mobility in a variety of field investigations.

Features

Light and compact body

Main unit : 7kg or less

With battery : 8kg or less

1.5 hours continuous operation with optional battery pack

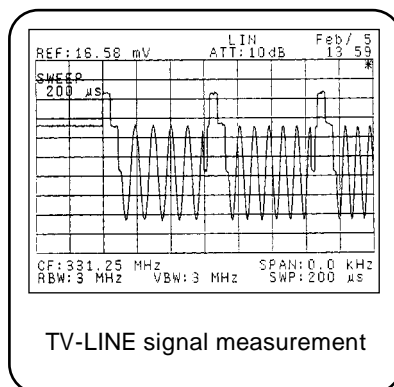
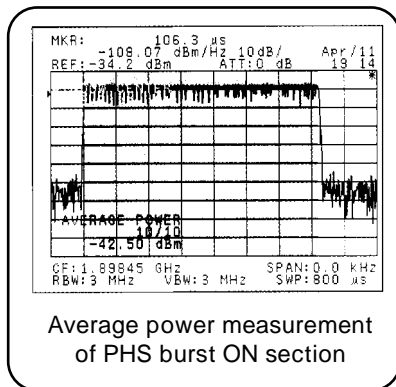
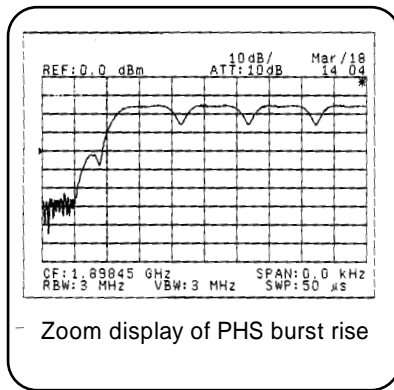
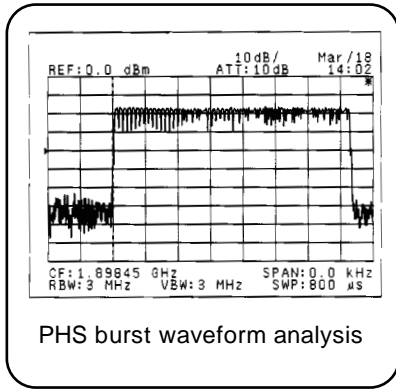
Also Powered by 100/200 V AC or +12 V DC

Synthesized local provides high stability measurement

Variety of optional functions for measurement

Narrow-band resolution bandwidth, tracking generator, PHS-ID demodulation, TV Picture demodulation, etc.

High-speed sweep enables wide variety of analysis



U3641 Main Specifications

- Frequency Range : 9kHz to 3GHz
- Frequency Reference Accuracy
 - : $\pm 5 \times 10^{-7}$ / year
 - : $\pm 1 \times 10^{-7}$ / year
 - : $\pm 2 \times 10^{-8}$ / day (OPT 20)
- Resolution Bandwidth
 - : 1kHz to 3MHz
 - : 300Hz, 100Hz (OPT 25)
- Frequency Stability : 20Hzp-p / 100ms
(Residual FM)
- Noise Sidebands : -100dBc / Hz
(10kHz Offset)
- Sweep Time : 50ms to 1000s
50 μ s to 1000s
(ZERO SPAN)
- Dimensions :
Approx. 148(H) \times 291(W) \times 330(D)mm

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