

RF Capture

4416A



Real time RF Record/Reproduction Test System



General

This device can record RF signals in various points of fields. When reproducing the signal data in factories or laboratories, it is possible to test receivers under the reception environment of the data. *1

Feature

- Compact size and all-in-one model. (**Weight: Approx.8 kg**)
- This device adapts to **DC +12 V** input.
- The frequency range covers **30MHz to 1002MHz** of the recording frequency.
- **8 MHz** bandwidth RF signal can be recorded/reproduced.
In addition, when using the option, **24MHz bandwidth and 40MHz bandwidth** RF signal can be recorded/reproduced.
- 7-inch wide type VGA touch panel is equipped.
- When using the spectrum display function, the spectrum at the recording can be confirmed.
- The solid-state-drive (SSD) for the data recorder is equipped as the standard.
(Data of 90 minutes can be recorded/reproduced at 8 MHz bandwidth signal captured.)
- Data can be backed up at high speed through eSATA port and USB2.0 port.
- The Low Noise Amplifier is equipped to the RF input side.(NF=2dB typ. At -80 dB signal input)
- Auto Cal function that sets the level of the recorded signal automatically at the RF signal capturing is equipped.
- Time recording function and repeat reproduction function are equipped.
- It corresponds to RF record and reproduction under diversity environment by using two or more sets.
- The frequency and level at the recording can set automatically at the reproduction.
- Data in ATSCA-74 standard can be reproduced.
- Remote control is possible.

Configuration

Dimensions	W:350 x H:150 x D:300 (mm) (Excluding projections)
Weight	Approx.8 kg
Power Source	1. AC90V to AC240V (50Hz/60Hz) Less than 100W 2. DC+12V : Less than 10A

Option

Model No.	Contents of Option
4416U-W01	8MHz and 24MHz can be selected.
4416U-W02	8MHz and 24MHz and 40MHz can be selected.
4416U-C01	Cloth bag for hand-carry
4416U-H60	External HDD (6TByte) ※8 MHz band, 24MHz band only

*1 This device is manufactured for analysis of high frequency signals, quality tests for receivers and so on.

Do not use this device for other usage. In addition, do not use this device for the copy of contents.