C & U CREATIVE & UNIQUE

MICRONIX

Solution of CATV measurement

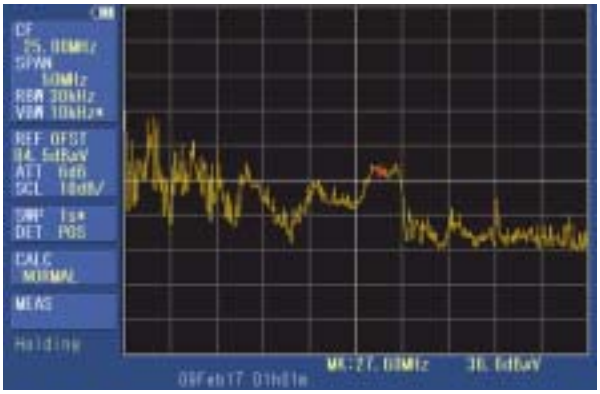
◇ CATV Measureing Example of using spectrum analyzer (for maintenance)

*[～*Application*～]*

Spectrum analyzer is commonly used to check retransmit singnal level and terminal reception level, up stream noise level of CATV.
When internet line is unconnect by up stream noise, in order to solve the problem, It is not enough measureing peak level of the noise by spectrum analyzer. It is necessary to measure carrier to noise ratio (C/N). And compare carrer signal to figure noise.
Our spectrum analyzer is handy, and lightweight,battery drive. It is useful when you acquire data in field survey,
This analyzer directly can save a data (CSV format) in a USB memory. It is easy to read out data and quickly monitoring spectrum wave data and setting paramete on analyzer's screen.
Moerever the price is very reasonable. Consequently it can to curb installation cost.

*[～*Solution*～]*

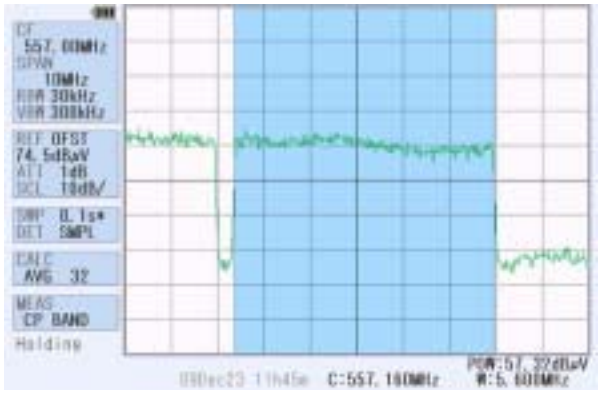
①Up stream noise measurement of CATV



System constitution&Price

① Spectrum analyzer 3.3GHz (MSA438)
② Lithium ion battery (MB400)
③ 50/75Ωconversion adapter (MA308)
④ 75Ω F connector conversion adapter (MA304)

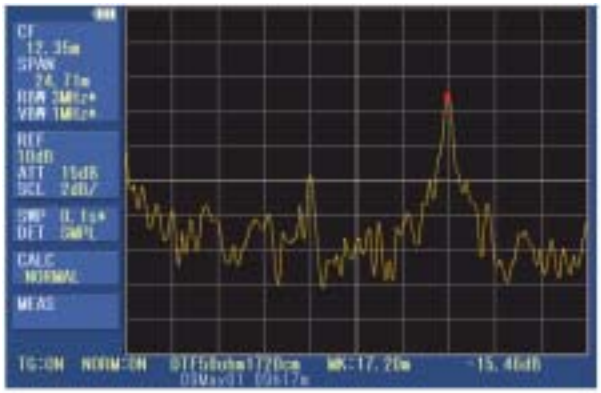
② Channel power (electric field strength) measuremnt



System constitution&Price

① Spectrum analyzer 3.3GHz (MSA438)
② Lithium ion battery (MB400)
③ 50/75Ωconversion adapter (MA308)
④ 75Ω F connector conversion adapter (MA304)
⑤ PC loging software (MAS410)

③ Distance to fail of CATV's coaxial cable measurement



System constitution&Price

① Spectrum analyzer with TG (MSA438TG)
② Lithium ion battery (MB400)
③ 75Ωmeasurement kit set
(MA430、DTF/FW、75Ω)

Character of spectrumanalyzer with tracking

Handy, Lightweigh,

Quickly switching monitor screen color to monochrome

Long Battery drive, for 4 hours

Easy save and read out data, spectrum and parameter

Bestow a name on data file with 16 figure word
Usability to manage data.

Suit for field survey.

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MICRONIX Corporation
2987-2 Kobiki-cho, Hachioji-shi, Tokyo Japan
Tel: +81-42-637-3667 Fax:+ 81-42-637-0227
URL http://www.micronix-jp.com
E-mail micronix_j@micronix-jp.com