

CATV line quality test

- ◇ Test and evaluate the quality of CATV in-building line at installation or in operation
- ◇ Seek easily and fast fail points which can't be found by BER/MER monitoring

[~*Application*~]

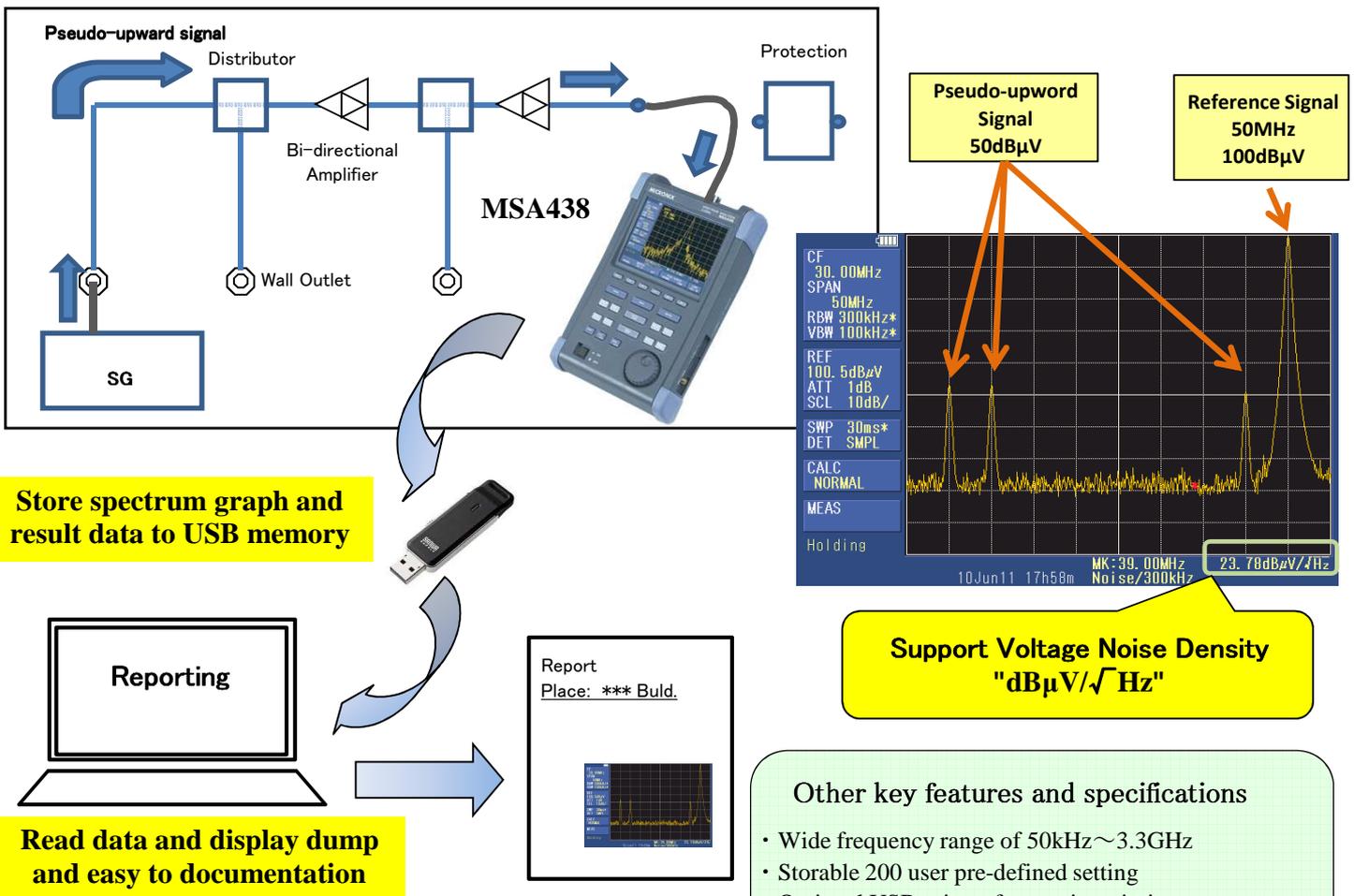
The test and evaluation of cable lines for in-building CATV system is crucial because of the big concern on interference of confluent noise and hindrance signal of re-broadcasted or upward signal for Internet. Not only at the installation but also during operation, either BER or MER test is not enough to identify failure points in the lines specifically. Only evaluation of lines as an RF signal path gives us the way to specify the problems and solve them smoothly and quickly.

Spectrum analyzer enables us to measure the frequency characteristics and noise, and this can identify the cause of the problems, such as loose contact of connectors and failure of amplifier.

Micronics MSA400 series is a genuine, lightweight and convenient spectrum analyzer for on-site use, and gives you and your customers concrete benefits.

- + Accurate measurement and evaluation by genuine spectrum analyzer
- + Easy documentation with storing data and spectrum to USB memory
- + Support Voltage Noise Density unit for cable line evaluation
- + Best choice for on-site operation by handy type body, intuitive front panel operation and battery operation

[~*Solution*~]



Store spectrum graph and result data to USB memory

Read data and display dump and easy to documentation

Support Voltage Noise Density "dBμV/√Hz"

- Other key features and specifications**
- Wide frequency range of 50kHz~3.3GHz
 - Storable 200 user pre-defined setting
 - Optional USB printer for on-site printing
 - Simple, easy and intuitive front panel operation
 - Various measurement and math functions
Max/Min Hold, Average/Over write, Channel power, Adjacent channel leakage power, Occupation frequency band width, Others

System configuration

- 1 MSA438 Spectrum Analyzer (Up to 3.3GHz)
- 2 MB400 Lithium-ion Battery
- 3 MA308 50/75ohm traslation adaptor
- 4 MA304 75ohm F-type adaptor
- 5 Noise measurement option for CATV