

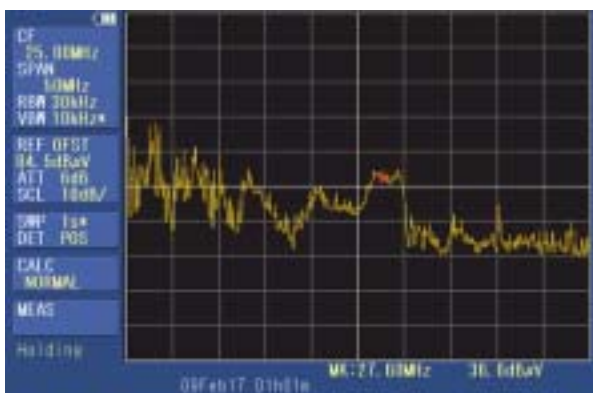
**CATV Measuring Example of using spectrum analyzer (for maintenance)**

[ ~ \*Application\* ~ ]

Spectrum analyzer is commonly used to check retransmit signal 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 measuring peak level of the noise by spectrum analyzer. It is necessary to measure carrier to noise ratio (C/N). And compare carrier 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. Moreover the price is very reasonable. Consequently it can to curb installation cost.

[ ~ \*Solution\* ~ ]

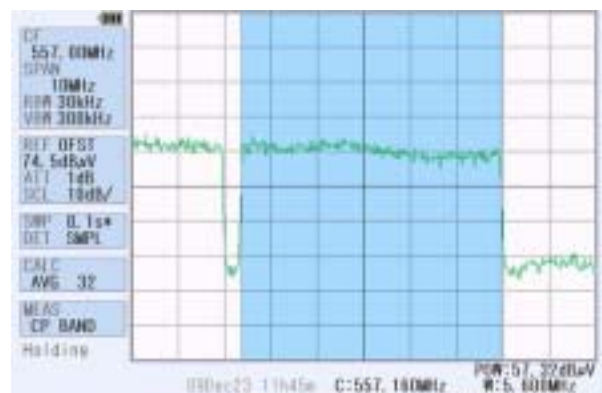
**Up stream noise measurement of CATV**



**System constitution & Price**

- Spectrum analyzer 3.3GHz (MSA438)
- Lithium ion battery (MB400)
- 50/75 conversion adapter (MA308)
- 75 F connector conversion adapter (MA304)

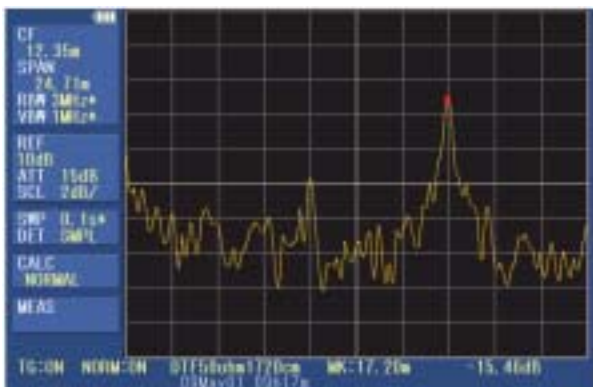
**Channel power (electric field strength) measuremnt**



**System constitution & Price**

- Spectrum analyzer 3.3GHz (MSA438)
- Lithium ion battery (MB400)
- 50/75 conversion adapter (MA308)
- 75 F connector conversion adapter (MA304)
- PC logging software (MAS410)

**Distance to fail of CATV's coaxial cable measurement**



**System constitution & Price**

- Spectrum analyzer with TG (MSA438TG)
- Lithium ion battery (MB400)
- 75 measurement kit set (MA430, DTF/FW, 75 )

**Character of spectrum analyzer with tracking**

Handy, Lightweight,  
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.**