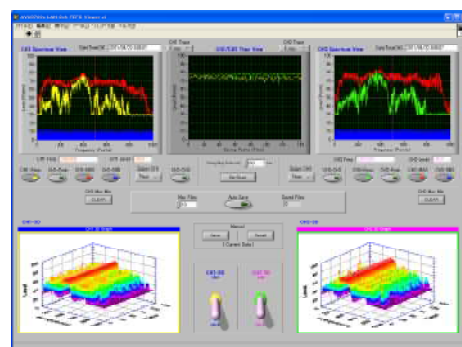


# Long-term Signal Monitoring by 2 RF inputs

FEFS Viewer for U3700 with Option 10/11

**FEFS viewer software provides long-term monitoring of RF signals by '2 channel Spectrum Analyzer'.**

FEFS viewer is a measurement software for radio wave monitoring and floating electric field strength measurement. The measurement data can be stored for several hours or several days like a waveform image, as one graph data is recorded on a PC in one file.



## [ For monitoring of radio communications ]

- Signal level monitoring against level decrease and intermittent discontinuity
- Check wave quality (sideband characteristic etc.)



WAN  
Remote monitoring

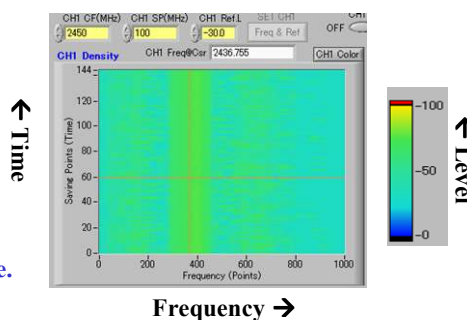
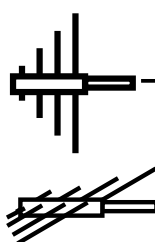


FEFS viewer on a PC

- 2 channel measurement at the same time.
- RF/IF, RF/RF or IF/IF signals
  - Horizontal/Vertical polarized signals

## [ For monitoring of floating electric field strength ]

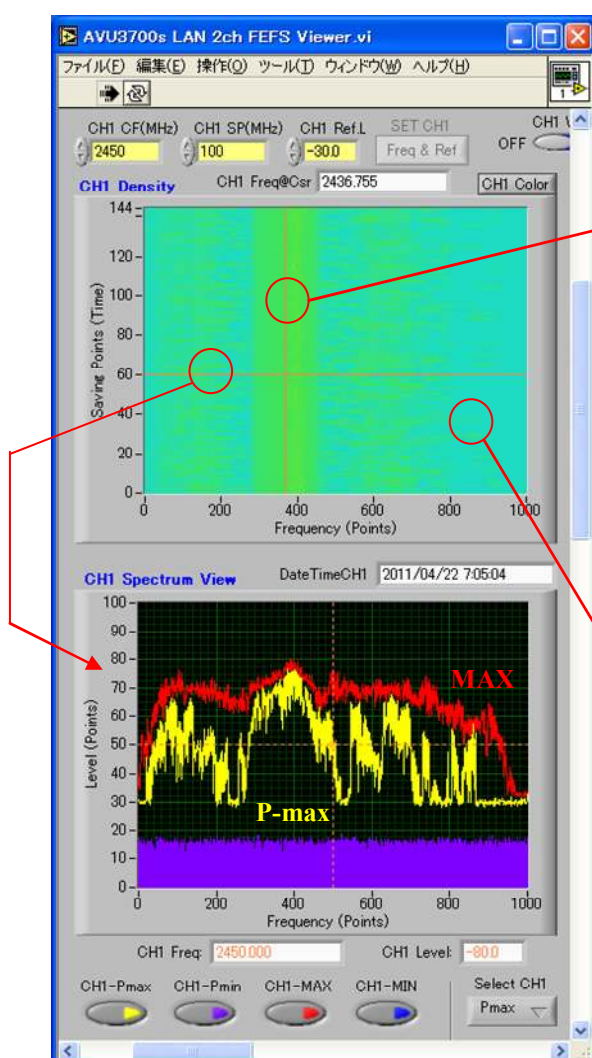
- Surveillance of intermittent noise
- Floating Electric Field Strength measurement



- 2 channel measurement at the same time.
- Horizontal/Vertical antennas
  - 2 frequency bands

## Provide long term monitoring for radio frequency by newly developed data structure.

- Can be set saving (Sampling) interval time (Up to 600sec).
- Take max/min level data ('P-max'/'P-min') between each saving point by Max Hold, and save the data as partial data at the point.
- Have time stamp data at saving points.
- Show 'MAX'/'MIN' level data of total measurement among 144 saving data.
- Data are automatically saved on every one screen (144 saving points) up to the set Max Files numbers.
- Data conversion to CSV file is useful for data processing.



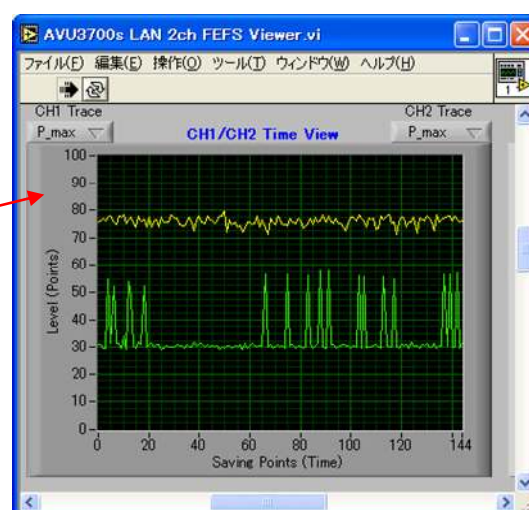
Saving (Sampling) points:

144 points (fixed)

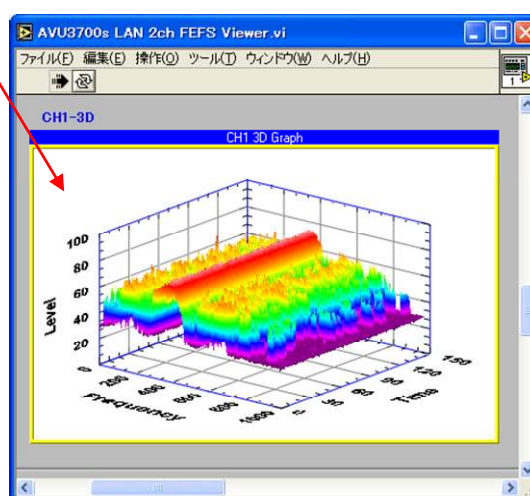
Saving (Sampling) interval:

Maximum 600 sec.

Ex. In the case of 60 sec sampling,  
 one saved data (the duration of graph data) is  
 2h24mins. ( $60 \times 144 / 60 = 144 \text{ min}$ )



The level in a certain frequency specified with cursor X in the CH1/CH2 Density graph is displayed with the time base.



Each channel data can be observed by three dimensions. The aspect angle and the size are changed using a mouse.