

## Maintenance of disaster prevention administration radio system, and survey of interference wave

◇ Utilizing a handheld signal analyzer, maintenance of disaster prevention administration radio system can be done in the field.

### \*Application\*

Fire and emergency radio will soon run. Disaster prevention administration radio moves to 260MHz band and is digitized.

A handheld signal /spectrum analyzer MSA500 series is suitable for maintenance and check in the field, and survey of interference wave to the system. This will be useful for early detection of failure and repair at the time of system failure, and for prevention of disorder.

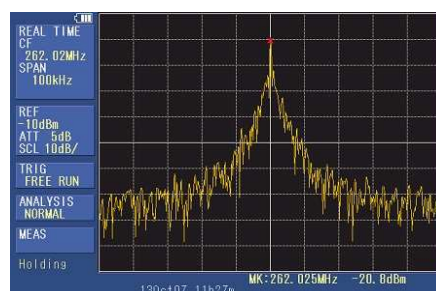
### \*Solution\*

#### ■ Handheld signal analyzer

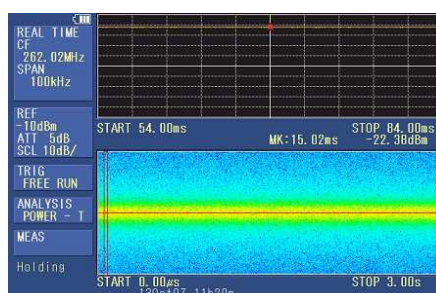
MSA538 : Frequency range 20kHz to 3.3GHz

MSA558 : Frequency range 20kHz to 8.5GHz

※ MSA538TG with a tracking generator is in line-up.

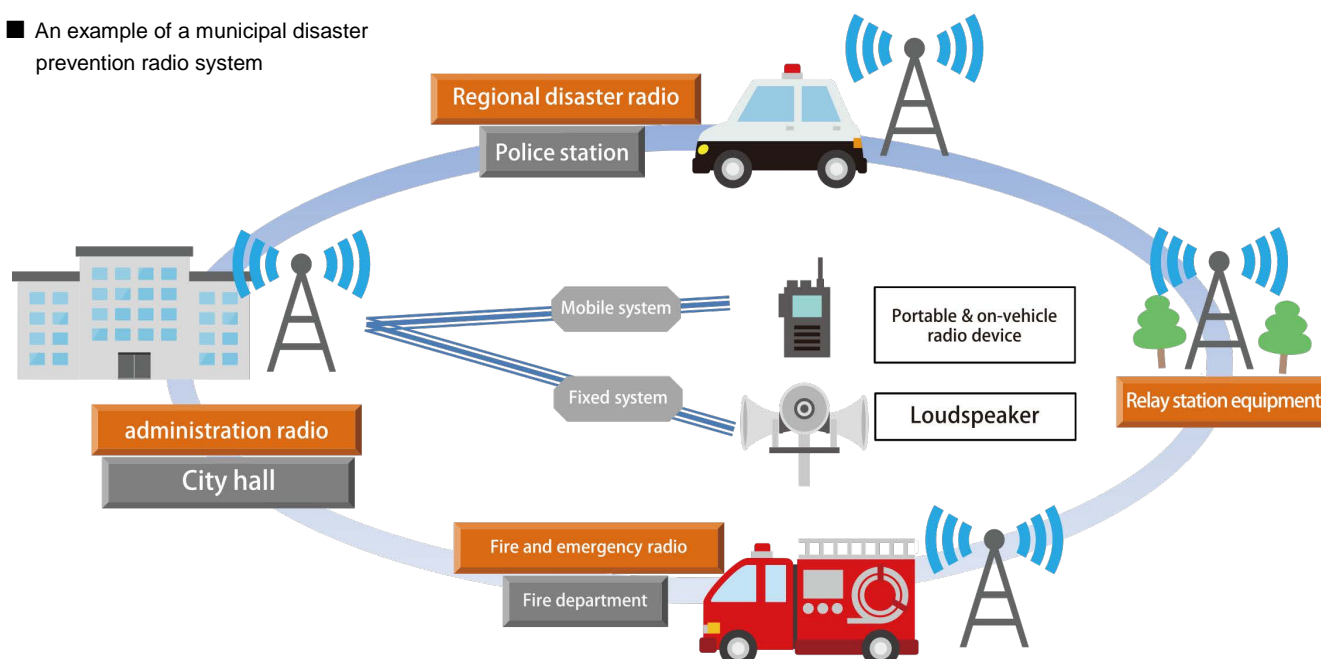


← Spectrum waveform



← Upper: power vs time  
Lower: spectrogram

#### ■ An example of a municipal disaster prevention radio system



### \*System configuration\*

Handheld signal analyzer MSA538 (20kHz to 3.3GHz)

Handheld signal analyzer MSA558 (20kHz to 8.5GHz)

Handheld spectrum analyzer MSA438 (50kHz to 3.3GHz)

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