

Radar Transmitter

The chemical application with corrosive gas can be **monitored from the outside of the resin tank!!**

In water treatment plants, the chemicals has corroded the level sensor. Because of the microwave feature of penetrating through the materials with low dielectric constant, the radar transmitter measures the chemical level from the outside the polypropylene tank.



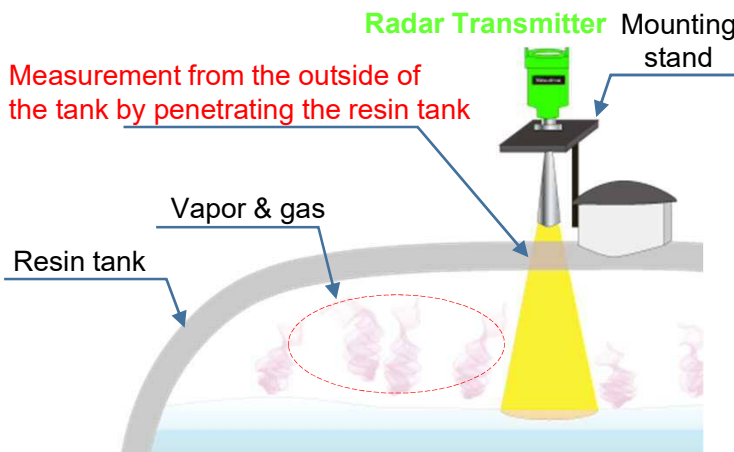
Chemical tank made by Polypropylene (PP)

※Picture: Radar transmitter installed at the outside of the polypropylene tank measures the chemical level.

Attention

Feature of microwave

- ① It has a property that penetrates the material with low dielectric constant (resin).
- ② It is less influenced by gas or vapor.



Radar Transmitter

MWLM-PR26H3G



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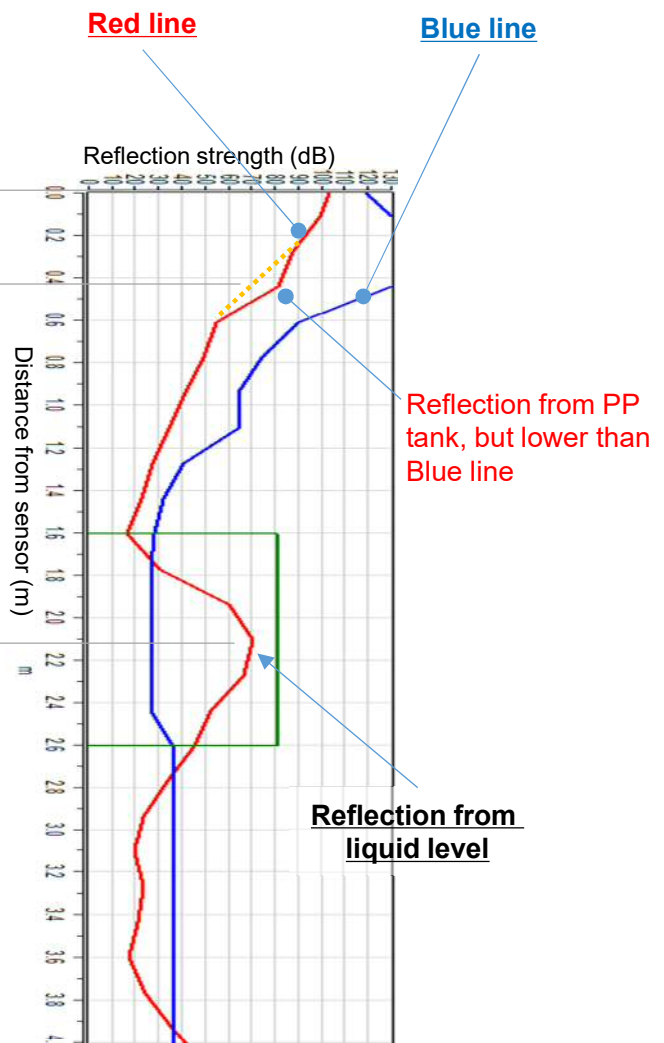
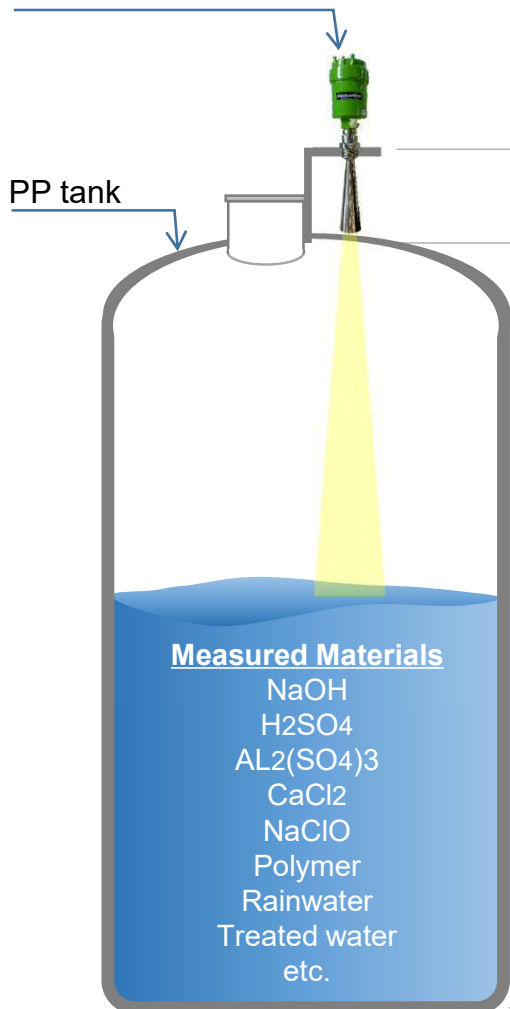
Radar waveforms during measuring chemical level

The below waveform exhibits the microwave reflection condition showed on the PC display. The vertical axis indicates the distance from the sensor, and the horizontal axis indicates the reflection strength of the microwave.

The blue line is the borderline between recognized reflections and noise reflections (ignored reflections). If it is lower strength than blue line, it is ignored as noise reflections. If it is higher, it recognized as the actual reflections.

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MWLM-PR26H3 series



Distributor

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