

### 8-3-9. Image SNR

When [Analyze]-[Image SNR] is executed, SNR (Signal Noise Ratio) is calculated for all pixels of displayed frame and average value is displayed as a numerical value.

### 8-3-10. Demodulation of electric field camera data (Demodulate E-Field)

When you execute [Analyze]-[Demodulate E-Field], demodulation setting screen of data acquired by electric field camera system is displayed. **It can be used only when a license to be used is set to "E-Filed (Electric field imaging module)".**

The screenshot shows a dialog box titled "Set demodulation options" with the following fields and values:

- Carrier frequency (Hz): 1250
- Block size: 64
- Output frame count: 3

Callouts provide additional information:

- "Input modulated light frequency" points to the Carrier frequency (Hz) field.
- "Enter number of sampling frames for (Sin table) and (Cos table) calculation" points to the Block size field. A note below states: "64 is recommended (time resolution decreases as the value is increased)".
- "Display number of output frames" points to the Output frame count field.

Buttons "START" and "CANCEL" are visible at the bottom of the dialog box.