

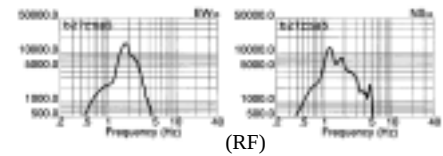
Preliminary Report of Microtremor Measurement on 2 de Abril

Date of measurement : November 19th, 2000

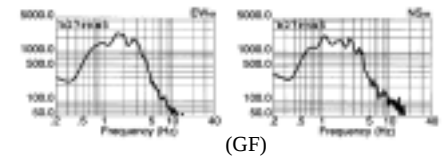


Fig.1 External appearance of measured building

- Fourier Spectrum of North Point -

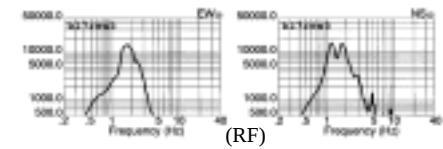


(RF)

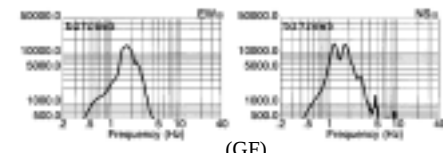


(GF)

- Fourier Spectrum of West Point -



(RF)



(GF)

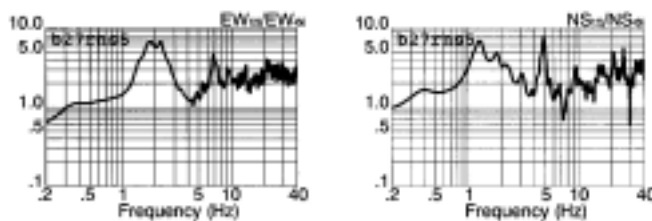


Fig.2 Estimated quasi-transfer spectrum of north point on the roof

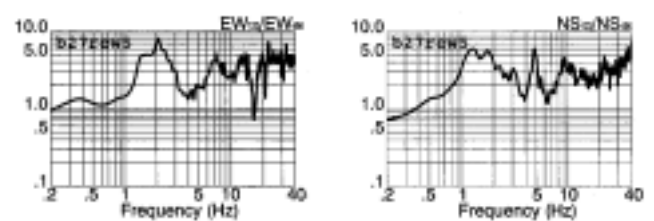


Fig.3 Estimated quasi-transfer spectrum of west point on the roof

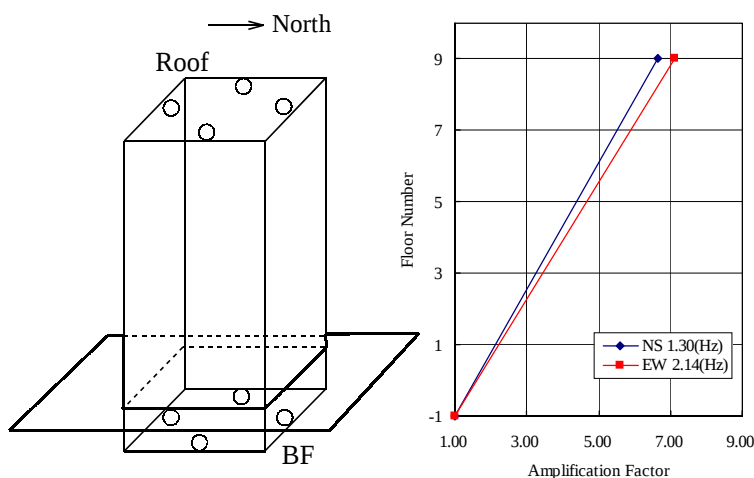


Fig.4 Measured points on each floor and vibration mode

Predominant Frequencies

Statistic value

$$F = (10 \sim 16)/N \\ = 1.11 \sim 1.78(\text{Hz})$$

Measured value

NS component $F=1.30(\text{Hz})$
EW component $F=2.14(\text{Hz})$

F: Frequency (Hz)

N: Number of stories (Floor)