

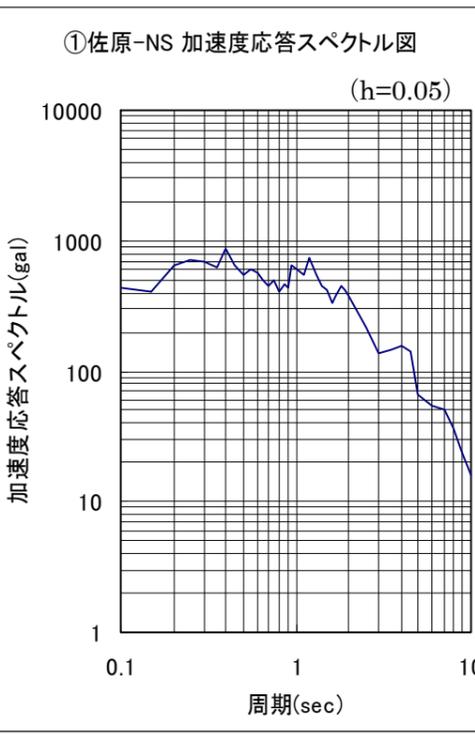
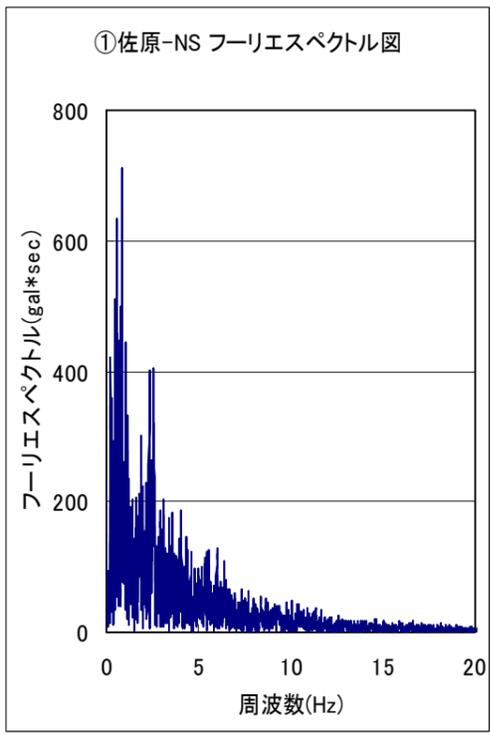
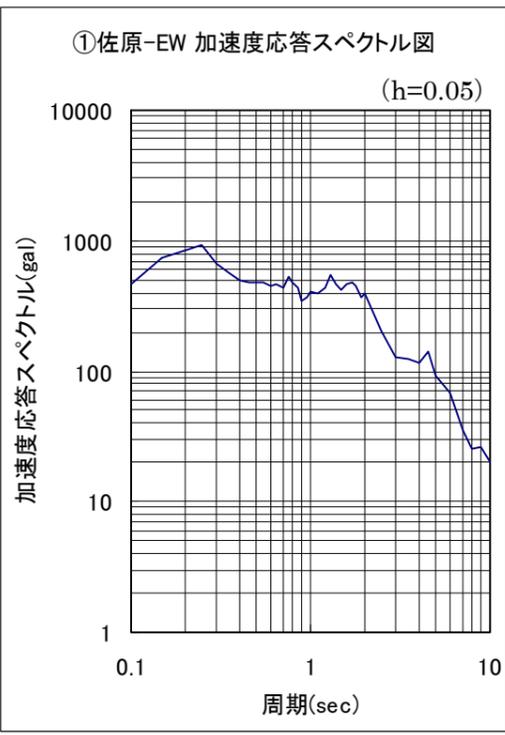
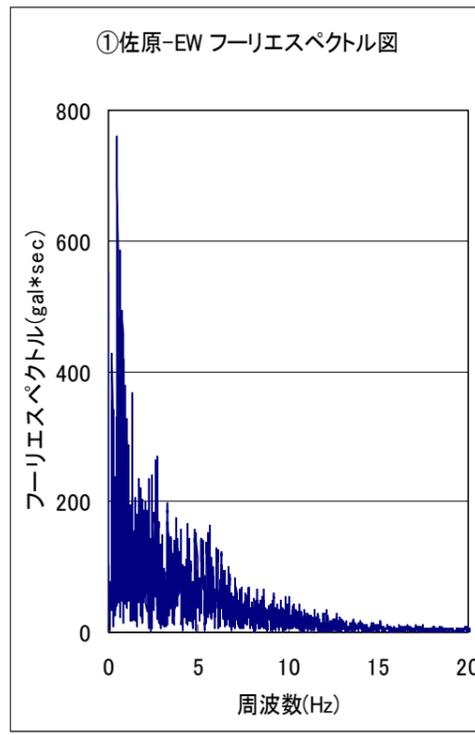
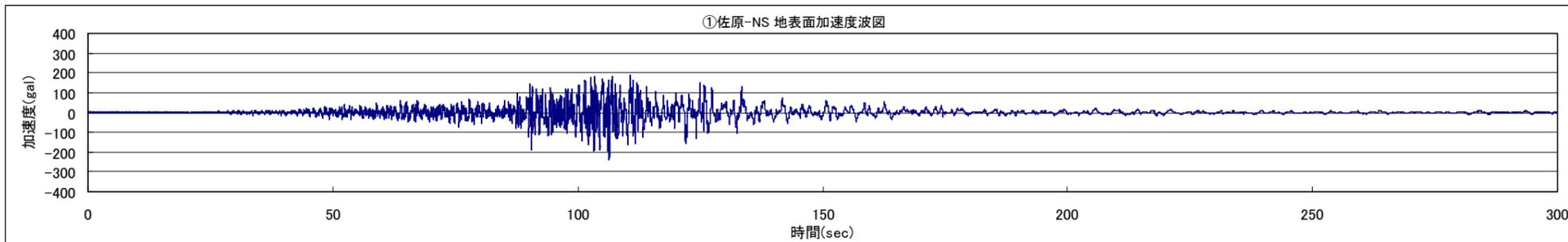
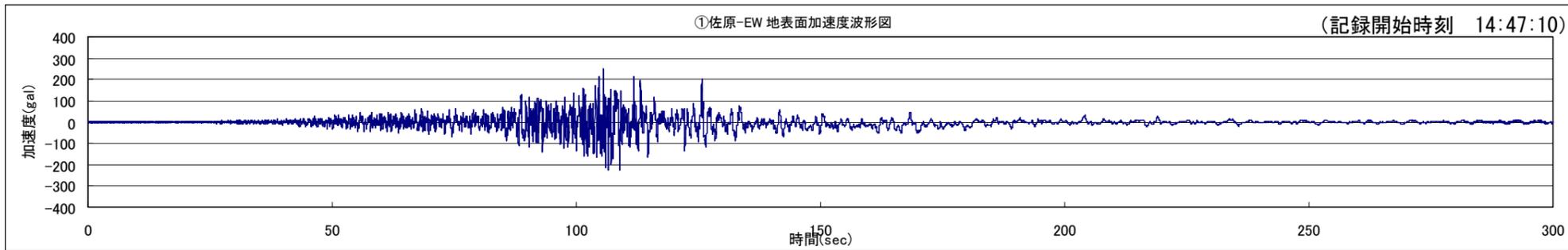
(3) 地震記録

① 佐原 (KNetChiba)

【本震】

2011.3.11 本震の観測記録より、最大加速度は 249.2gal (EW)、238.1gal (NS)。最大速度は 43kine (EW)、59kine (NS)。フーリエスペクトルは EW、NS ともに 0~1.0Hz にピークがあり、低周波数域が卓越している傾向がある。また、加速度応答スペクトルは EW が 0.2 秒付近、NS で 0.4 秒付近にピークがみられる。

観測地点近傍の地質は、深度 5m までが平均 N 値 10 以下の砂質土・粘性土、深度 13m までが平均 N 値 15 程度の砂質土、深度 13m 以深は平均 N 値 5 以下の砂質土層である。



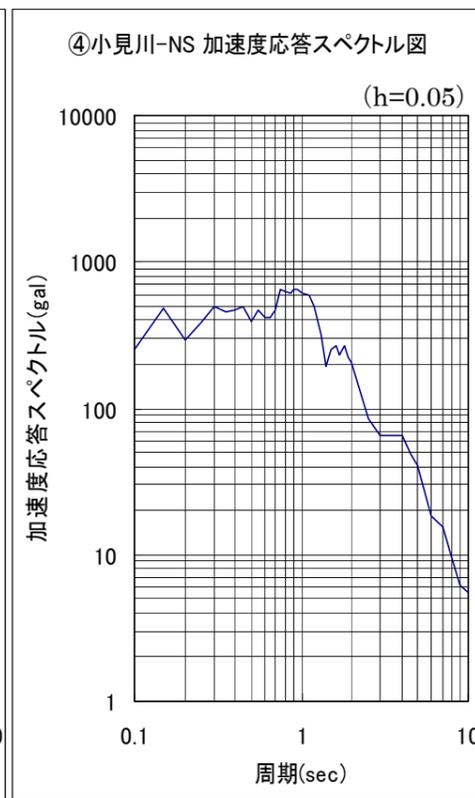
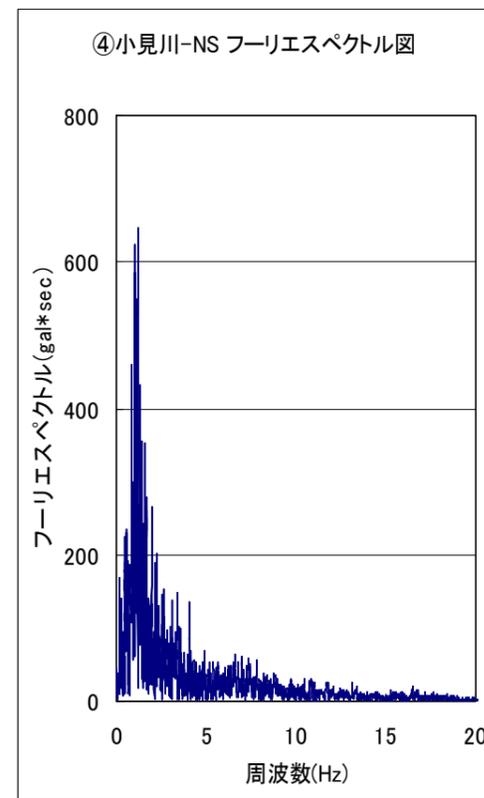
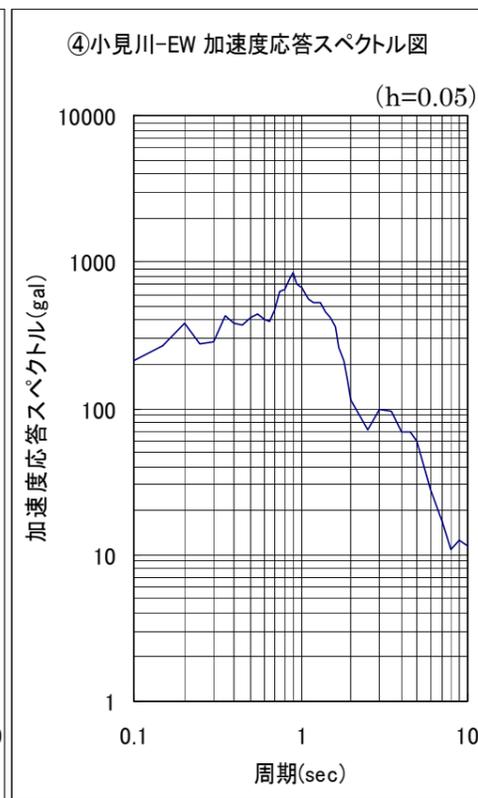
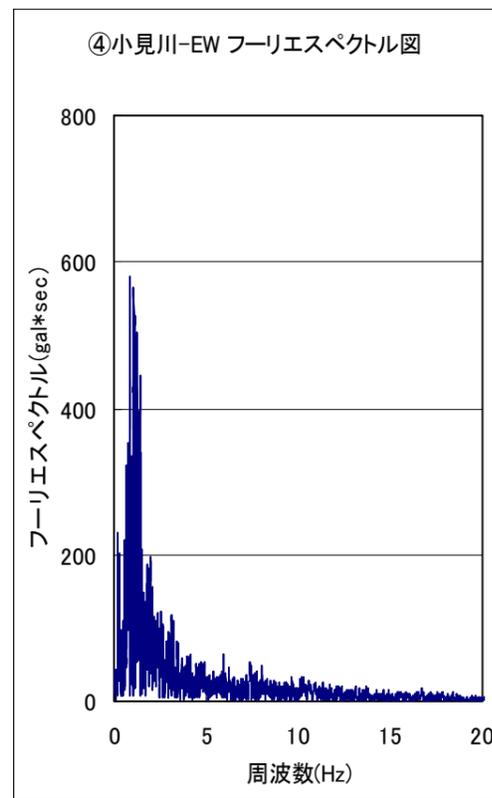
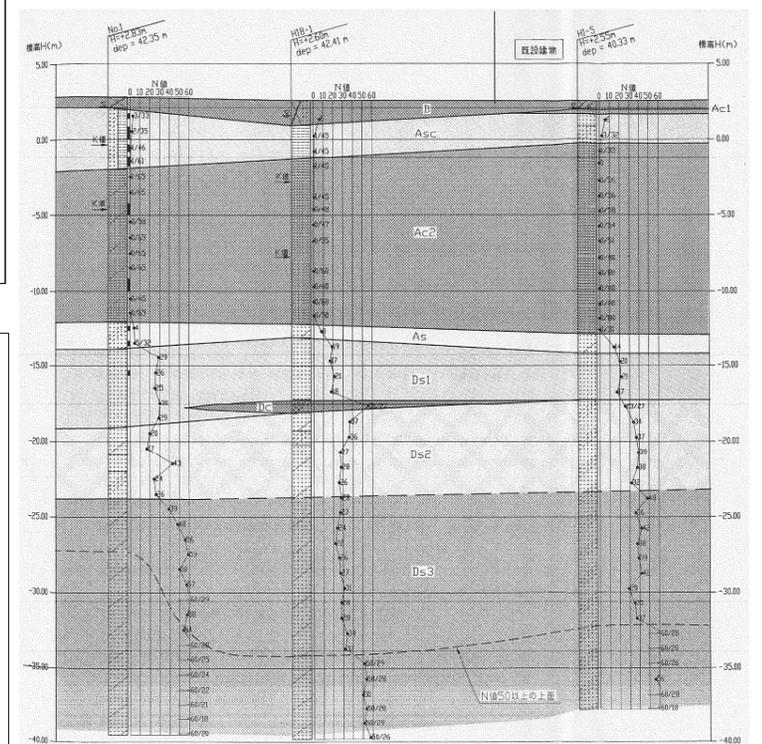
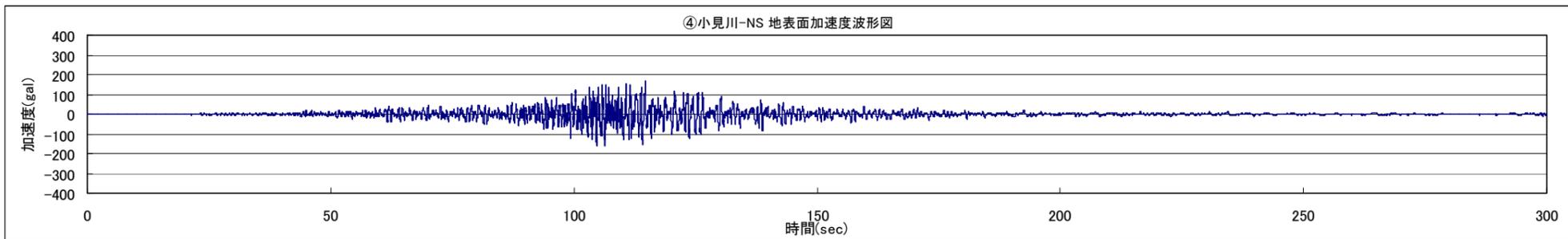
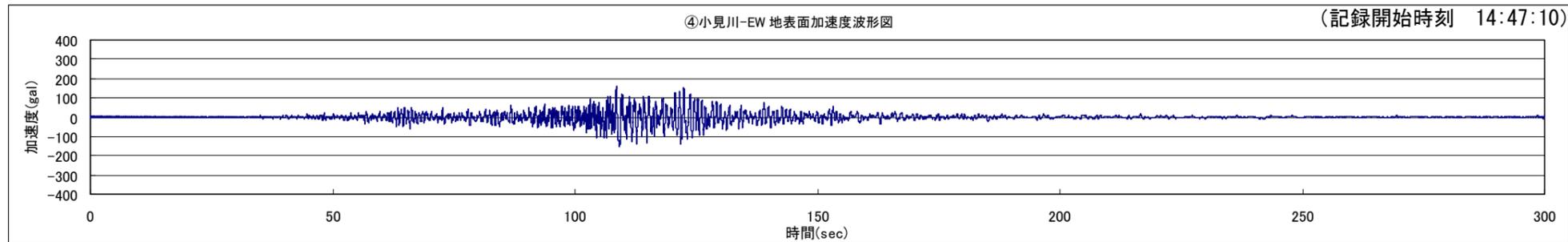
土質柱状図 (Soil Column Diagram) showing detailed soil profile data for station 1. The table includes columns for depth (m), soil type, and other parameters. The diagram shows a soil profile with varying layers and properties down to approximately 20 meters depth.

④ 小見川 (KNetChiba)

【本震】

2011.3.11 本震の観測記録より、最大加速度は、157.7gal (EW)、166.3gal (NS)。最大速度は 38kine (EW)、48kine (NS)。フーリエスペクトルは EW、NS ともに 0.5~2.5Hz にピークがある傾向がある。また、加速度応答スペクトルは EW が 0.9 秒付近、NS で 0.75~1.0 秒付近にピークが見られる。

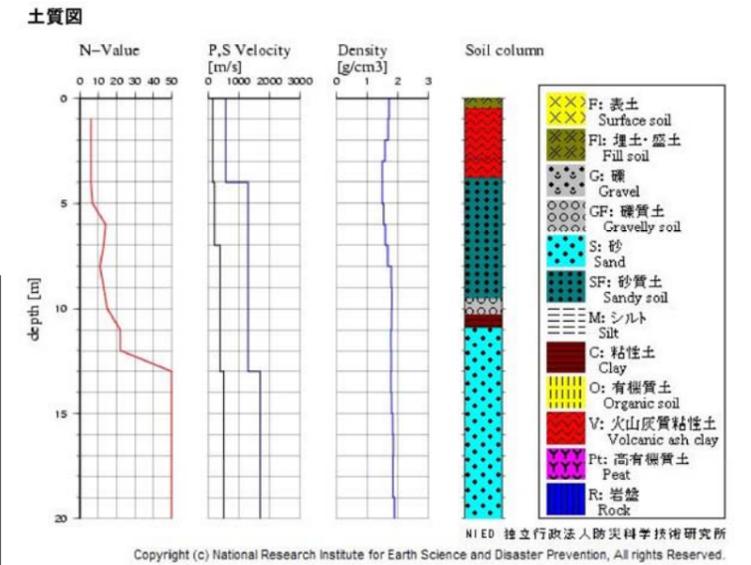
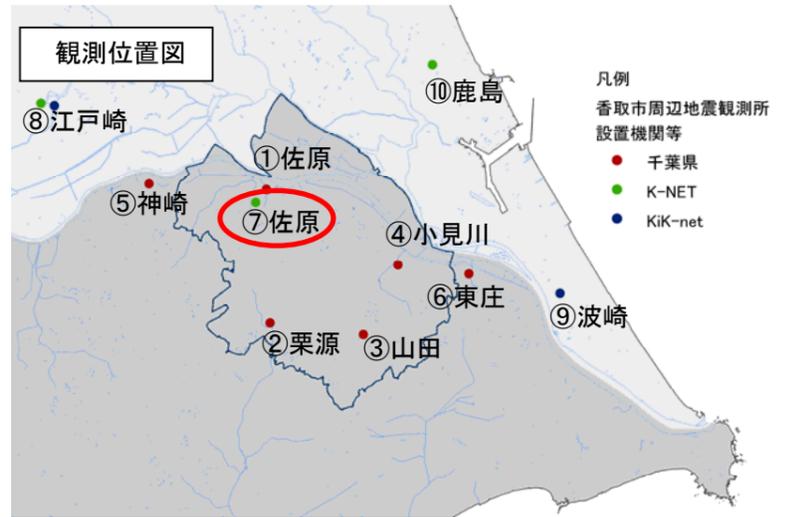
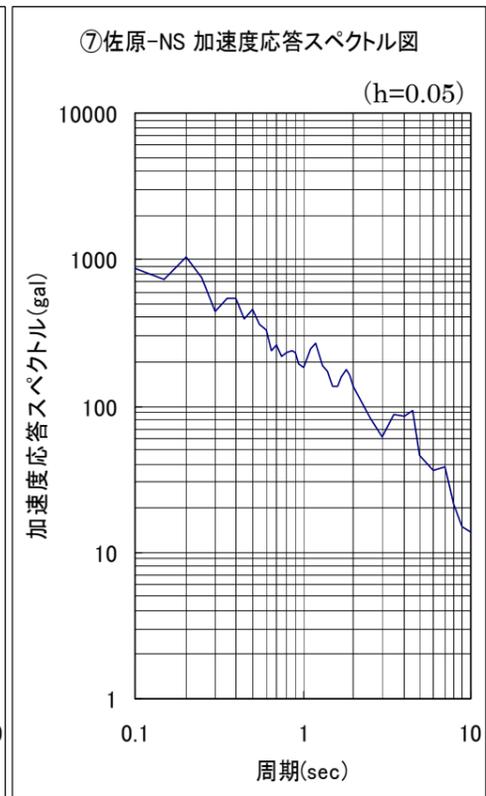
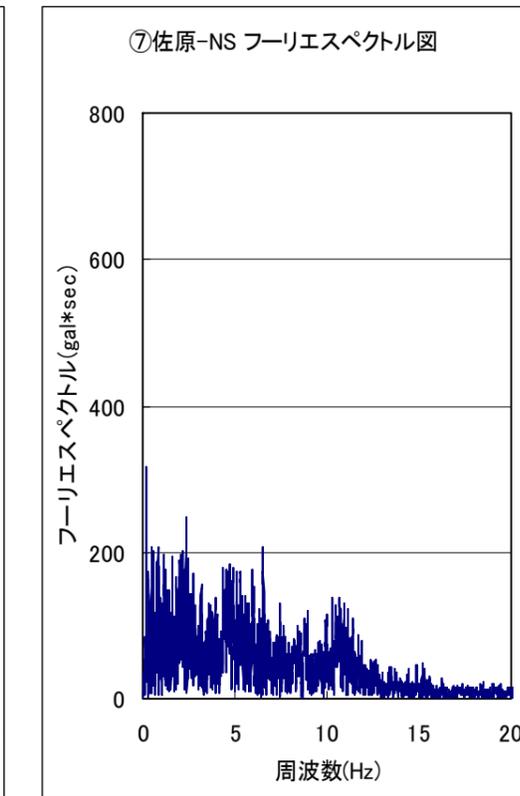
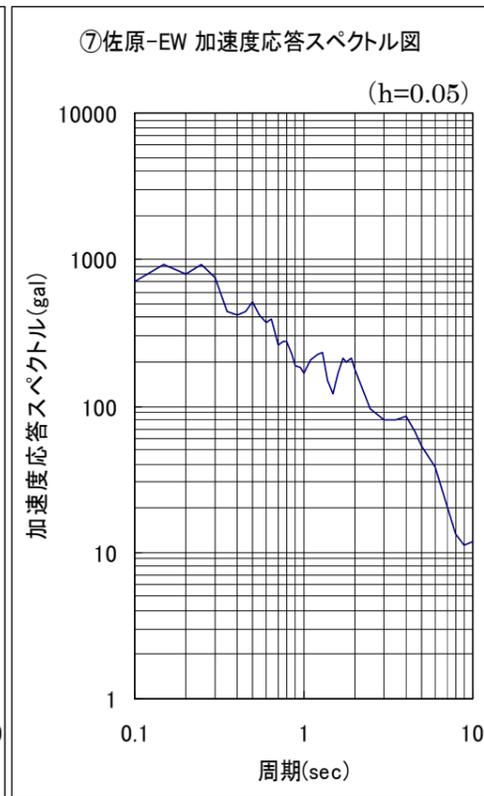
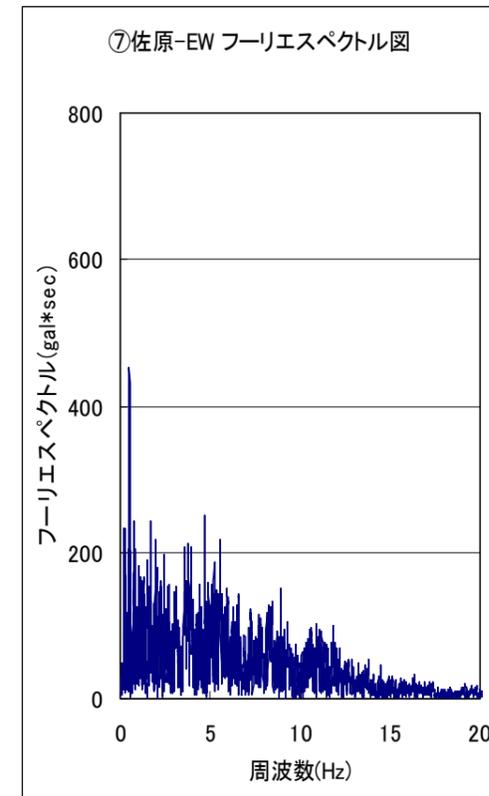
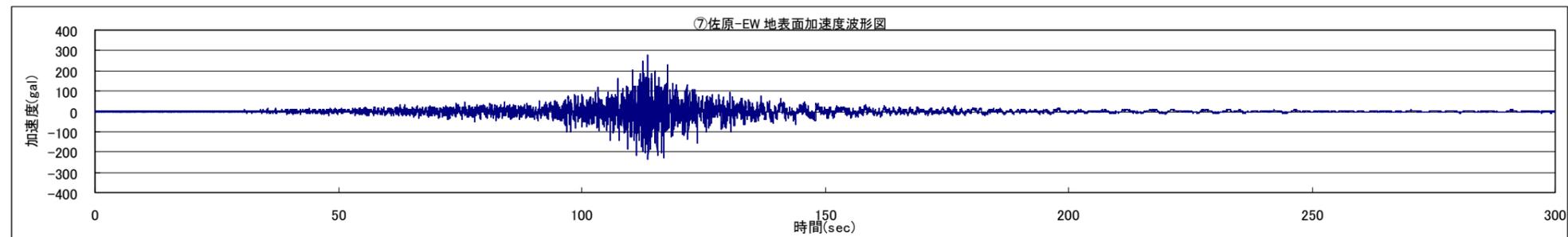
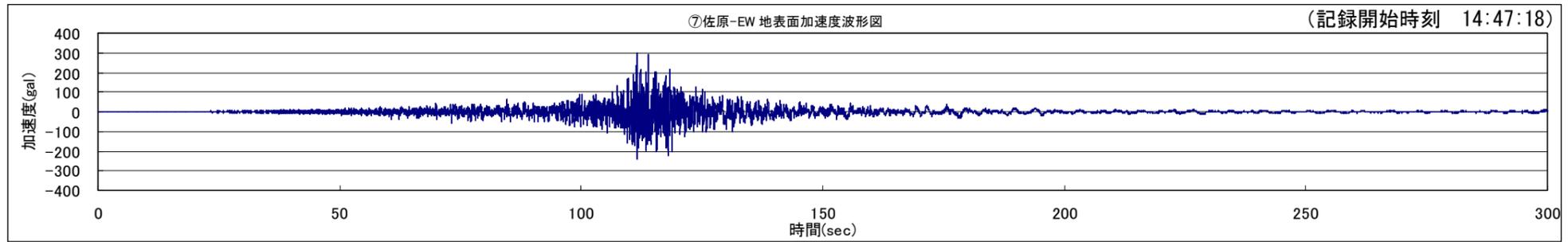
観測地点近傍の地質は、深度 23m までが平均 N 値 0~2 のシルト層、深度 23m から平均 N 値 30 程度の砂質土層が出現する。



⑦ 佐原 (K-NET)

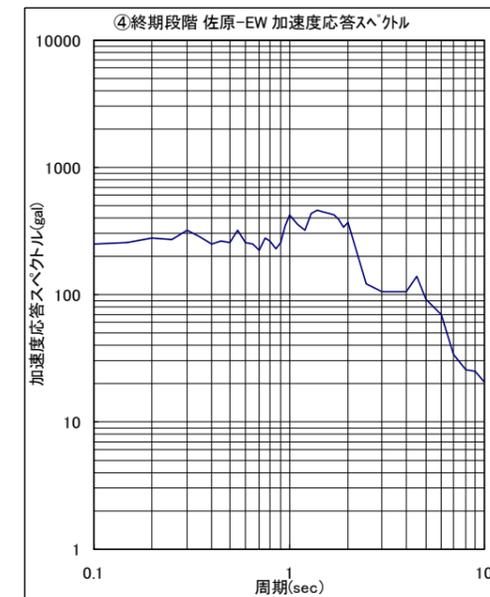
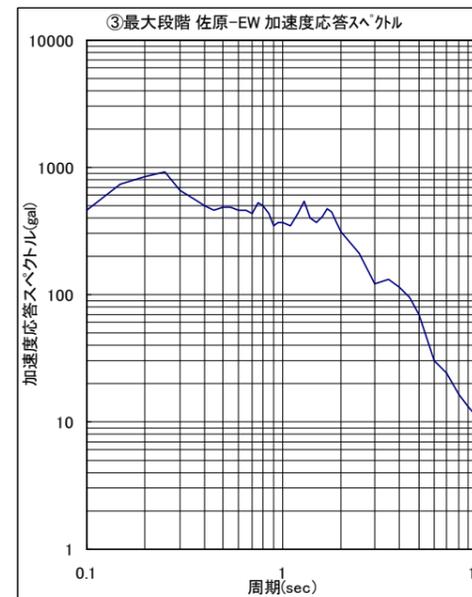
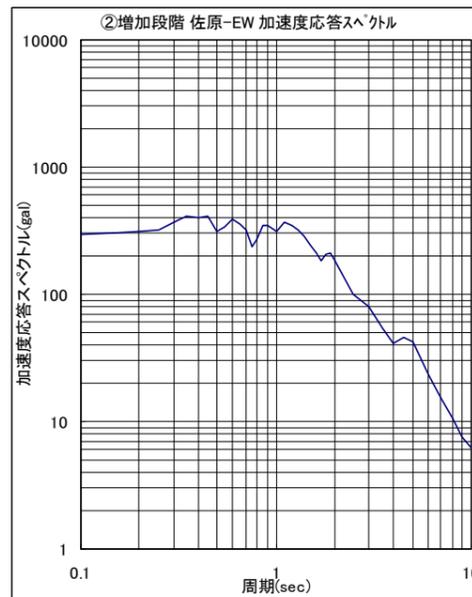
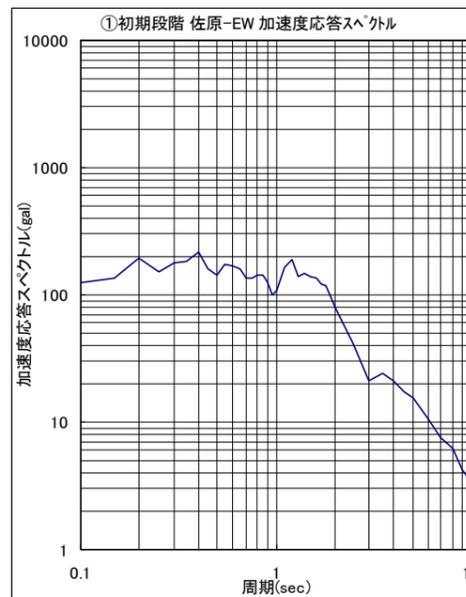
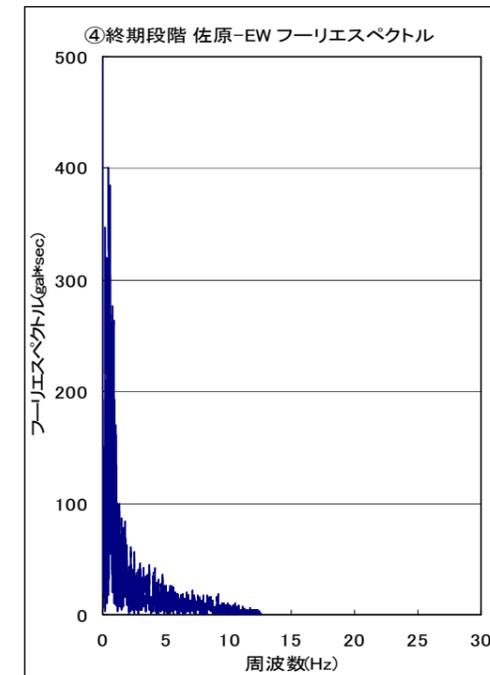
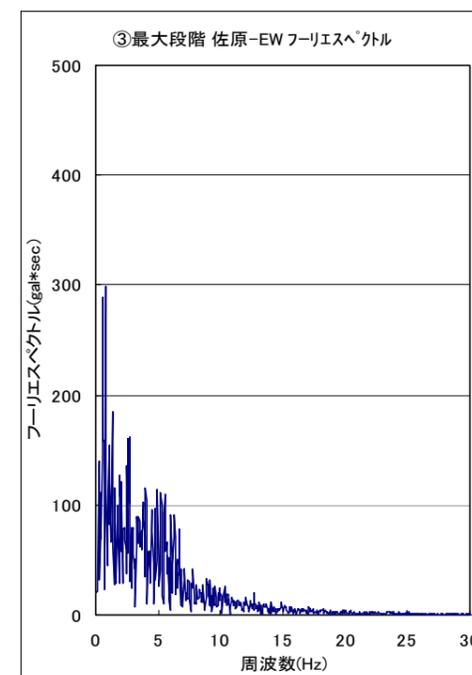
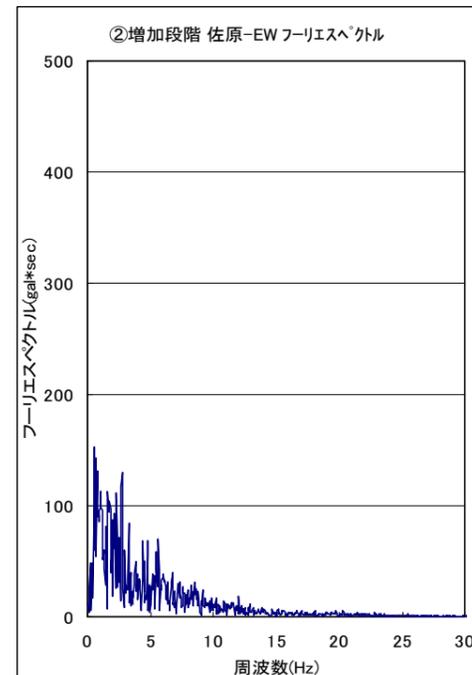
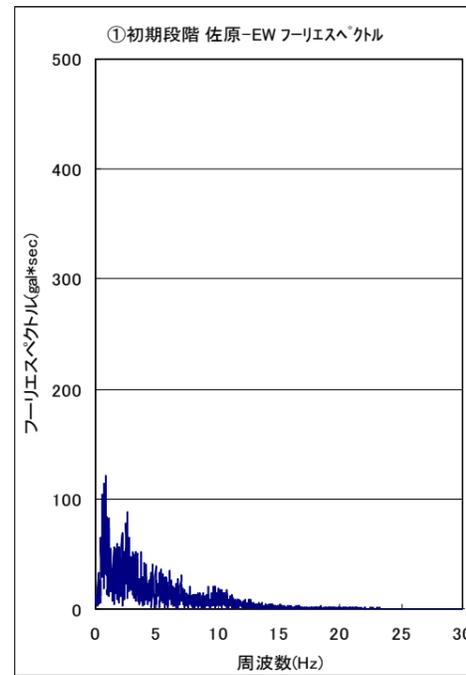
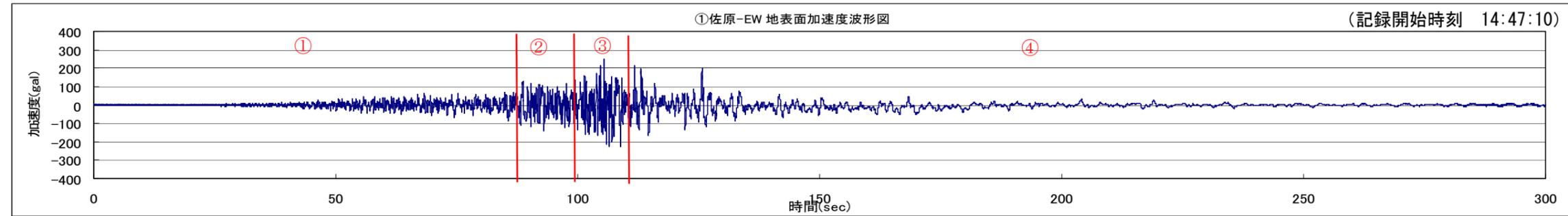
【本震】

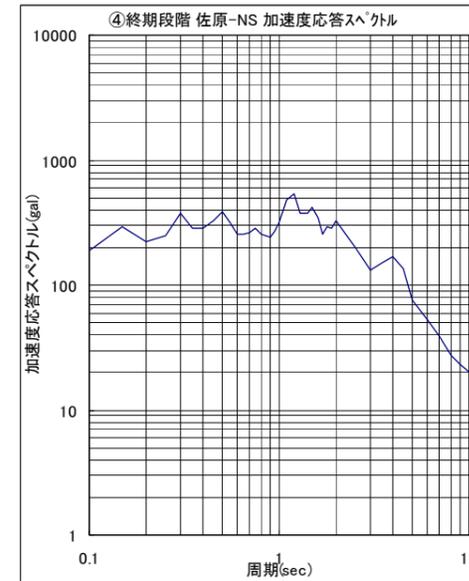
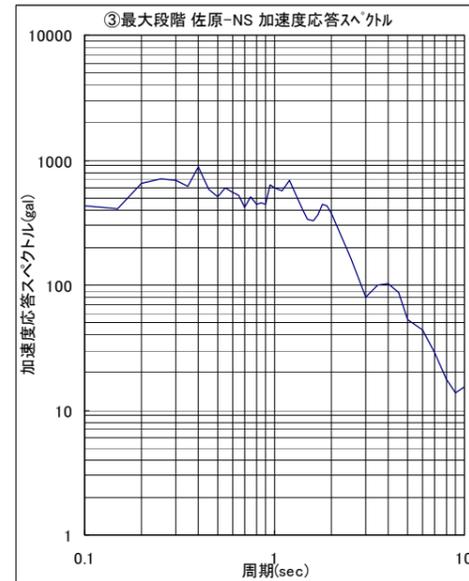
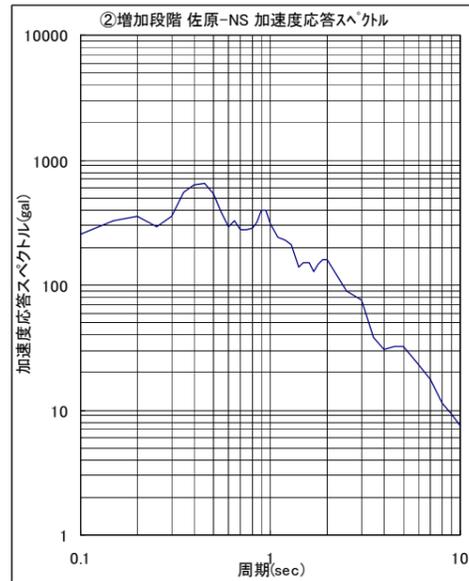
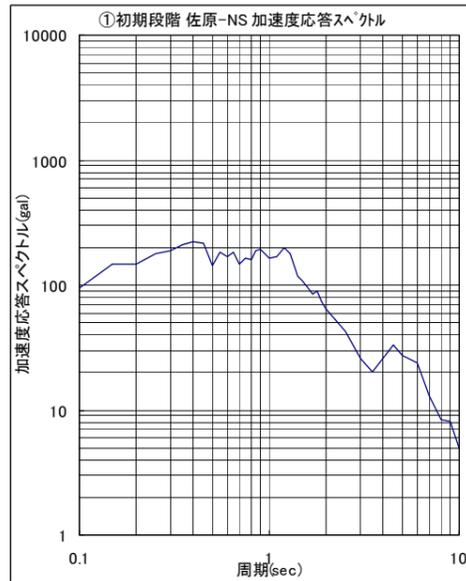
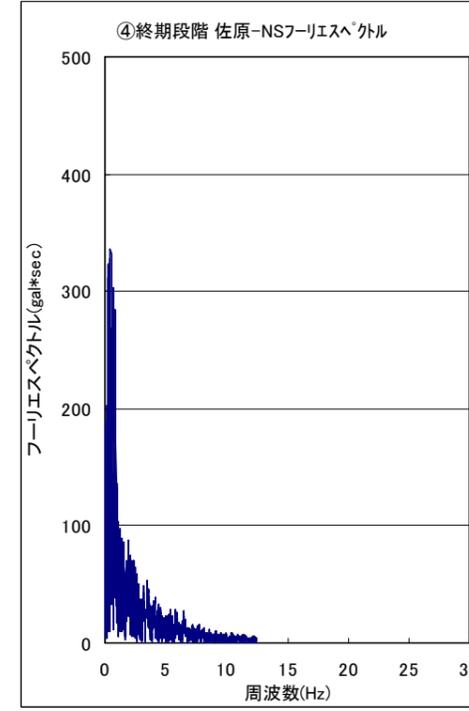
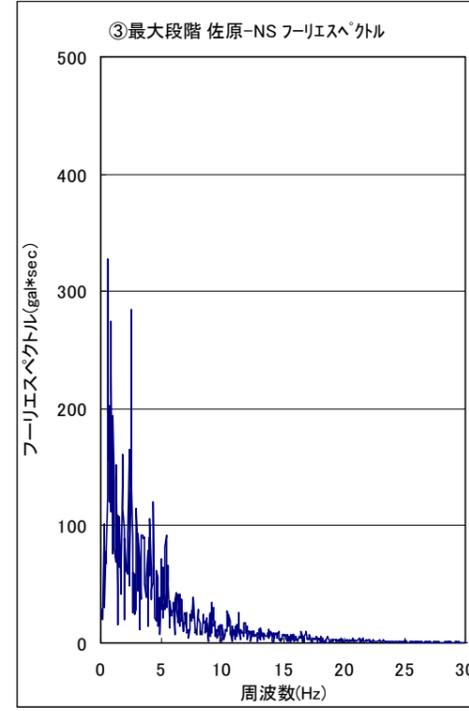
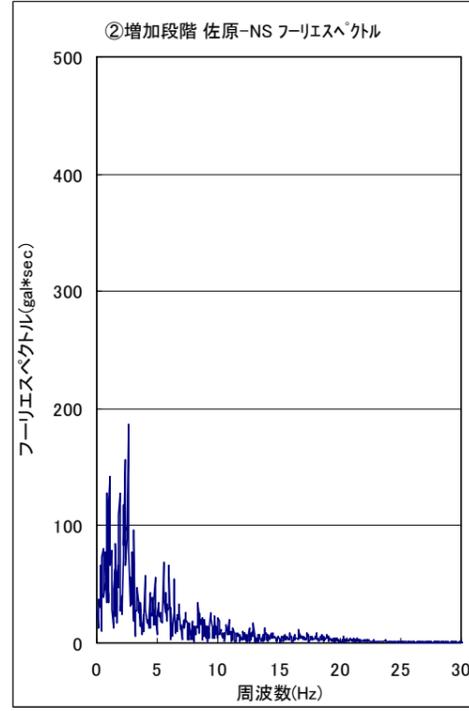
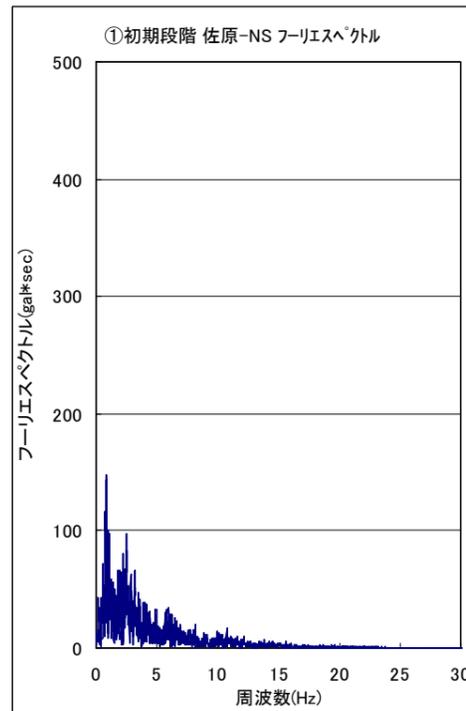
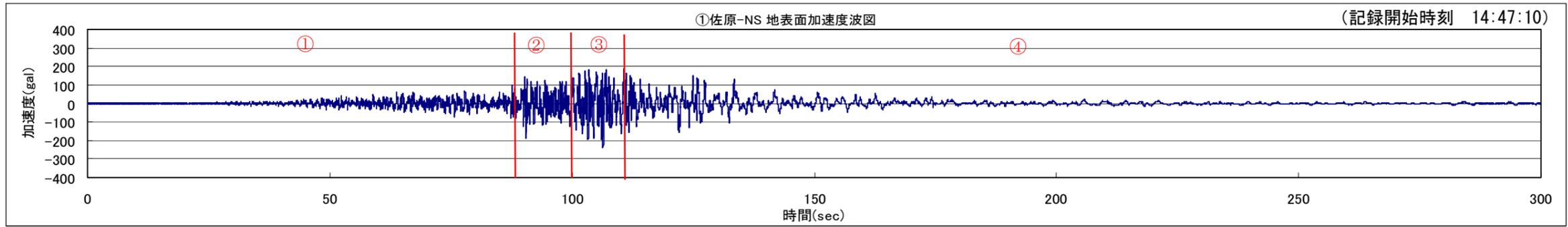
2011.3.11 本震の観測記録より、最大加速度は、300.7gal (EW)、277.5gal (NS)。最大速度は 24kine (EW) 26kine (NS)。フーリエスペクトルは EW、NS とともに、0~7.0Hz くらいに広がりをもつ傾向がある。また、加速度応答スペクトルは EW が 0.15~0.25 秒付近、NS で 0.1 から 0.2 秒付近にピークが見られる。観測位置の地質は深度 5m までが平均 N 値 10 以下の粘性土、深度 12m までが平均 N 値 20 以下の砂質土、深度 12m 以深は平均 N 値 50 の砂層である。



各時刻での地震動の特性

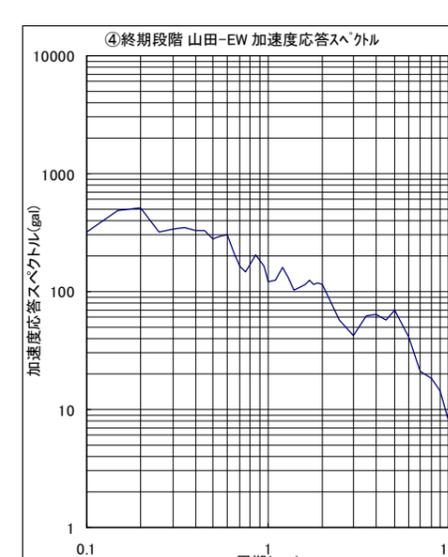
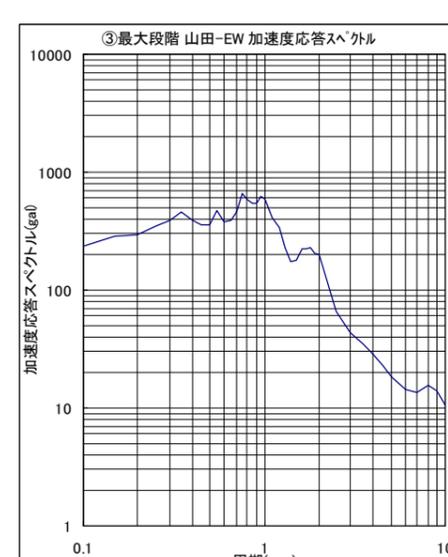
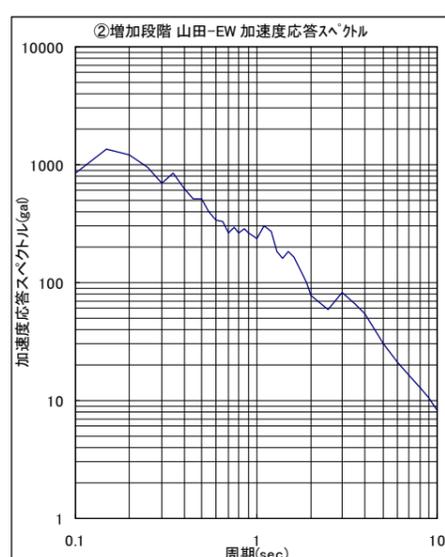
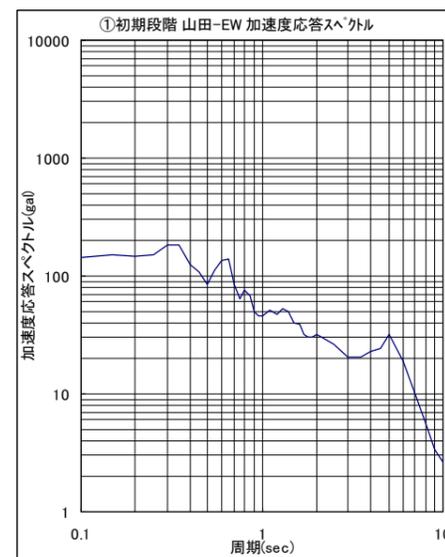
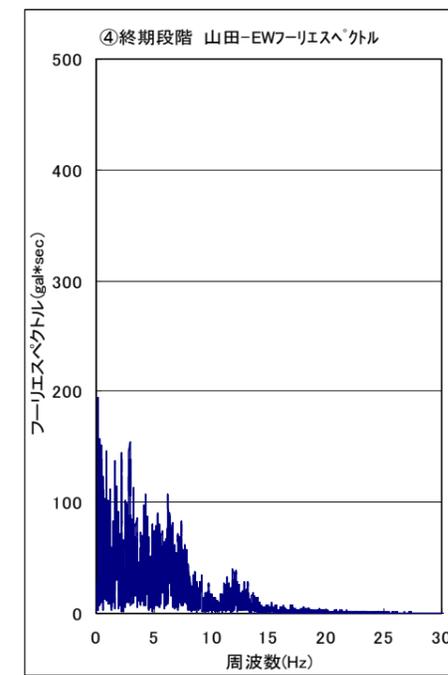
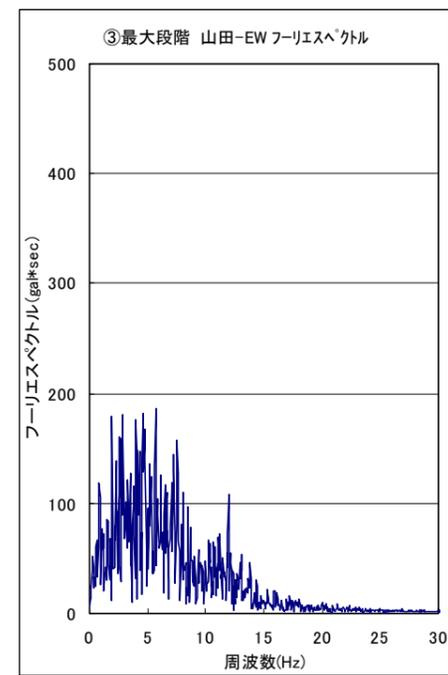
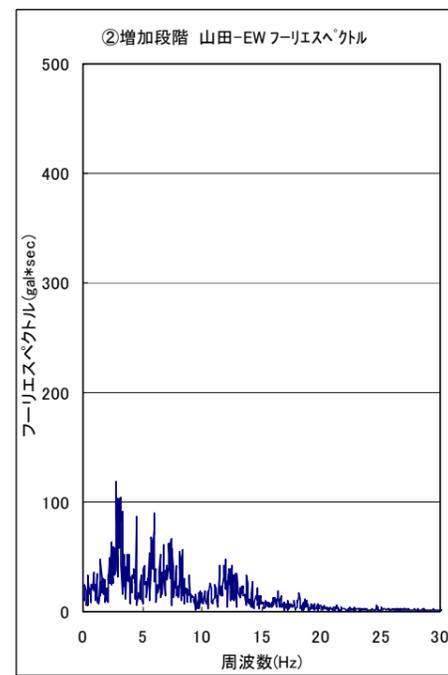
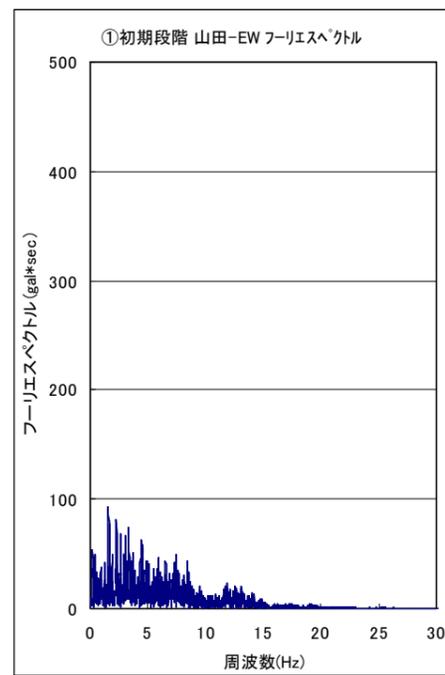
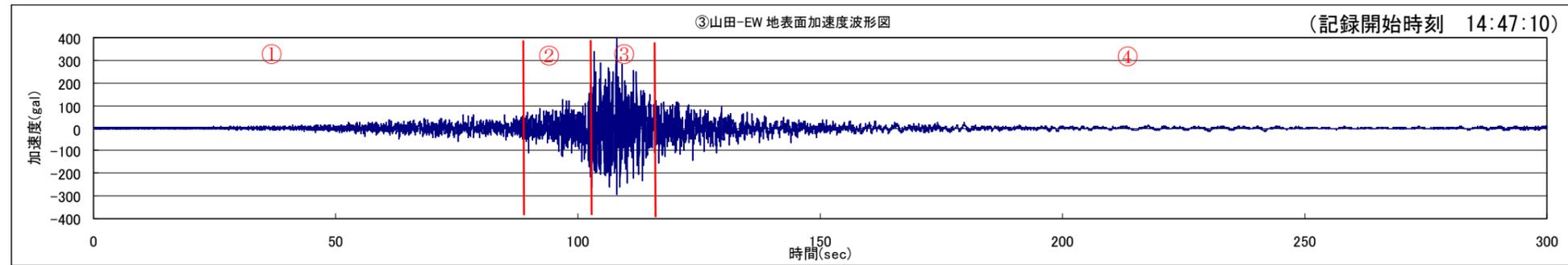
① 佐原 (KNetChiba)

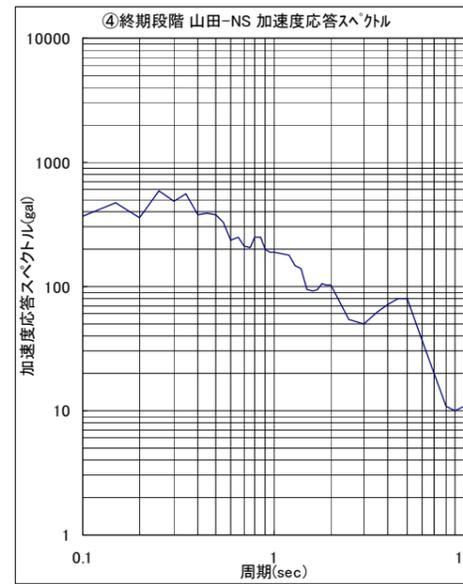
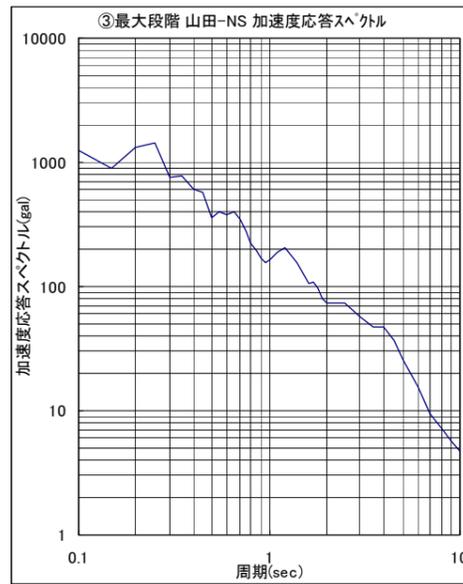
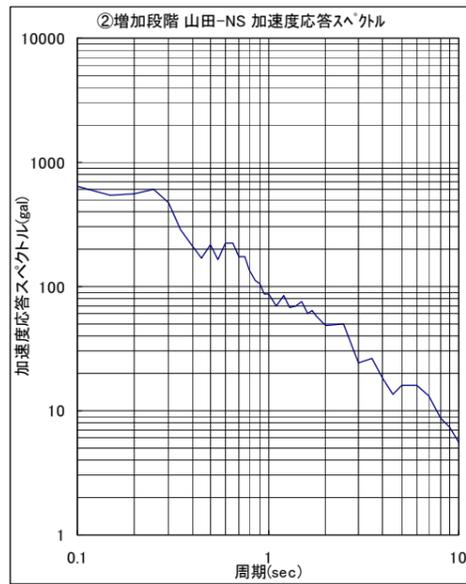
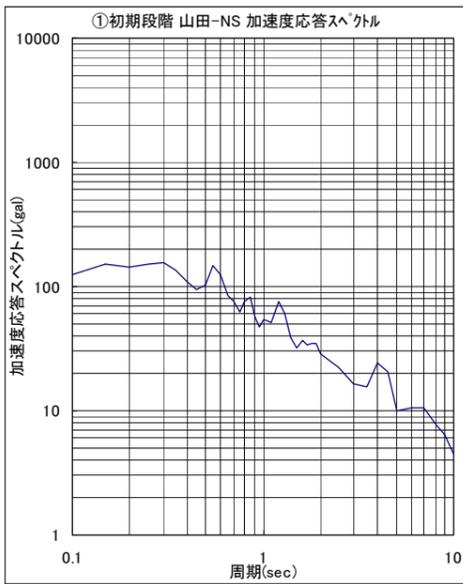
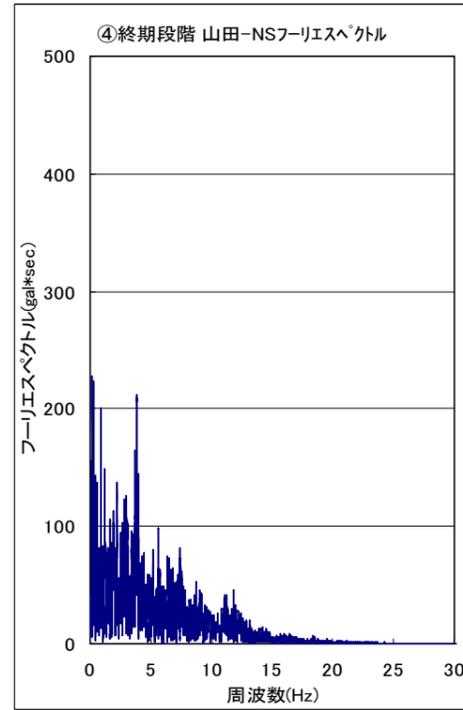
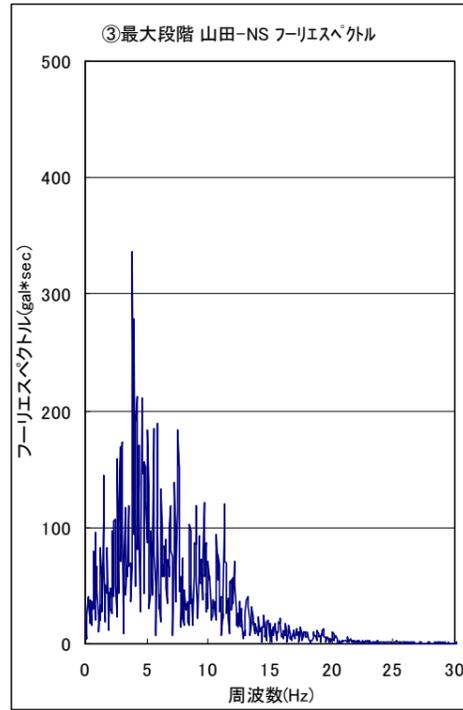
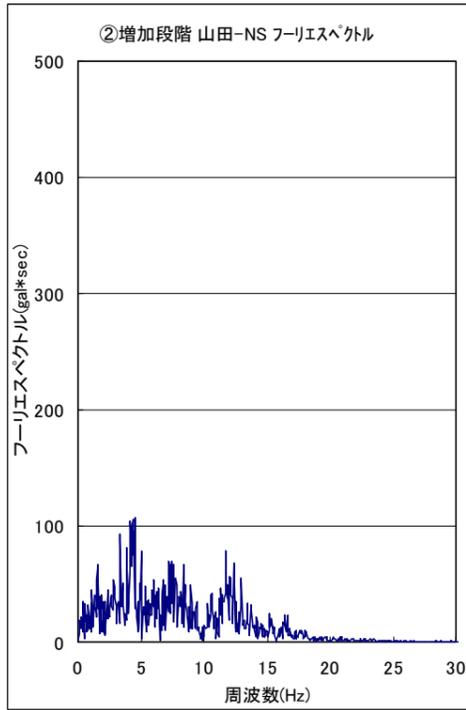
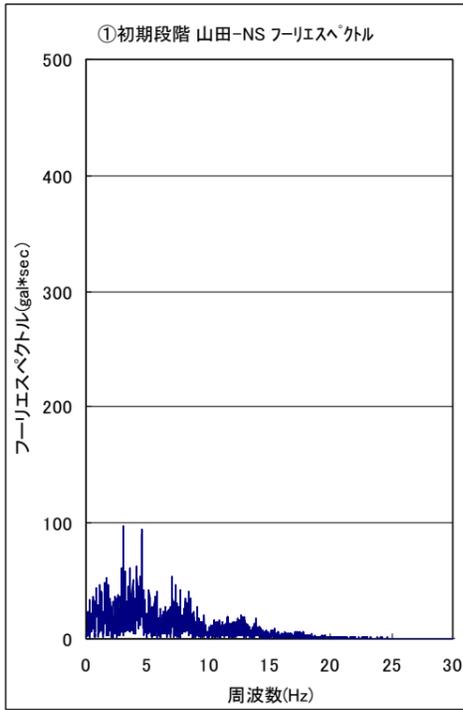
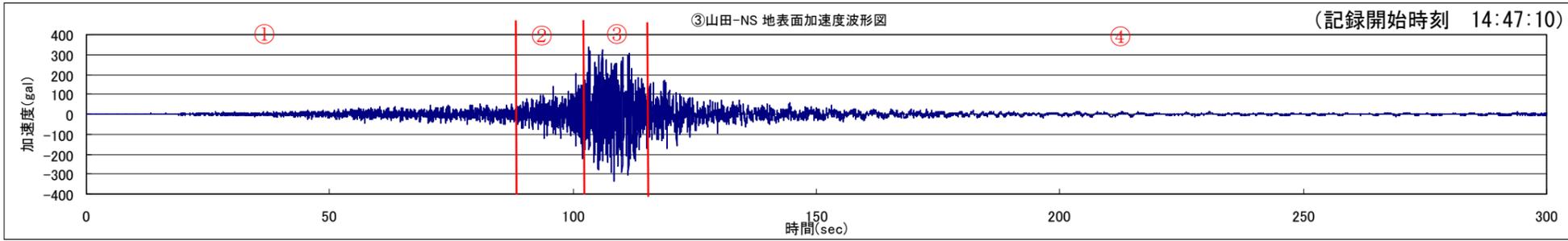




各時刻での地震動の特性

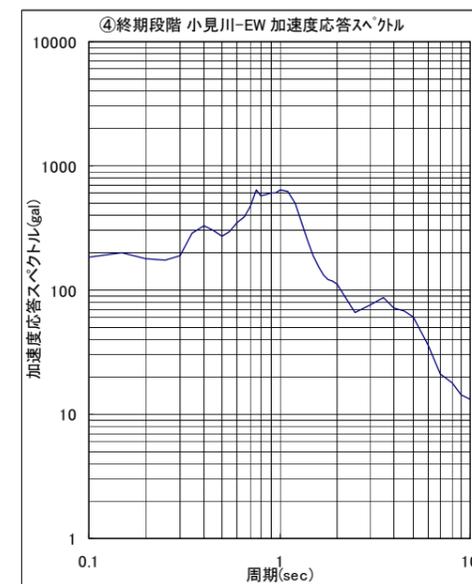
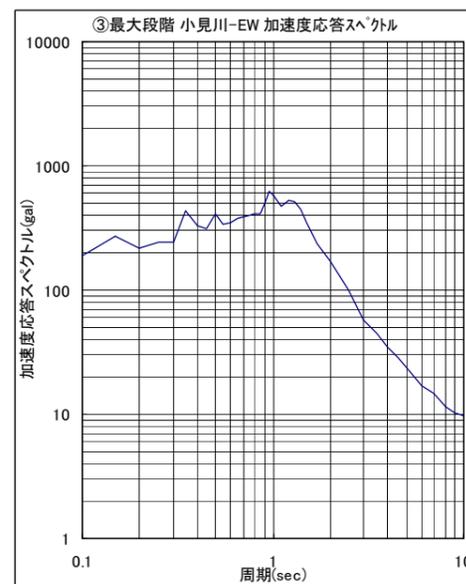
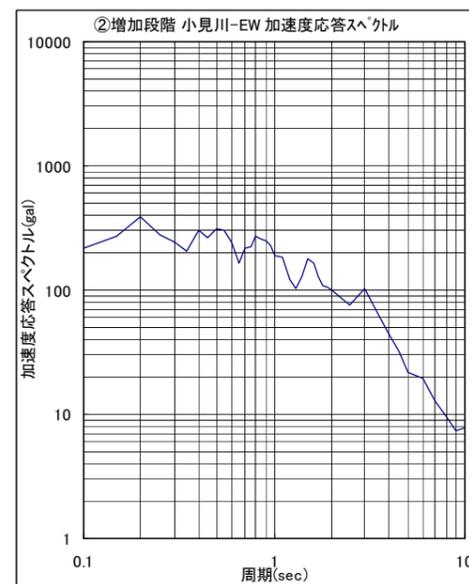
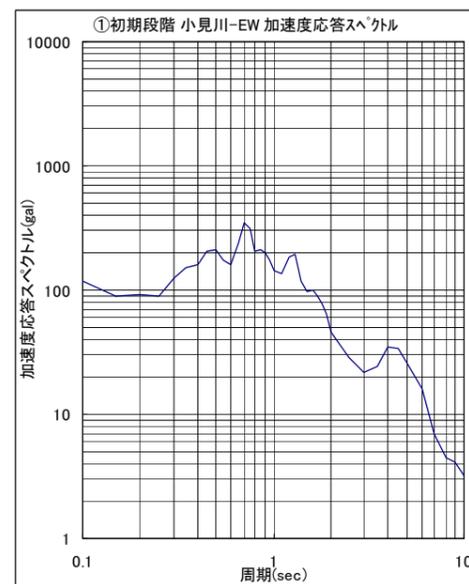
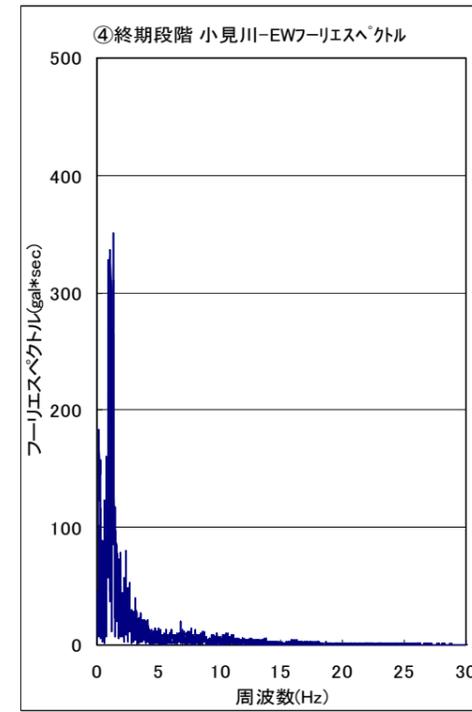
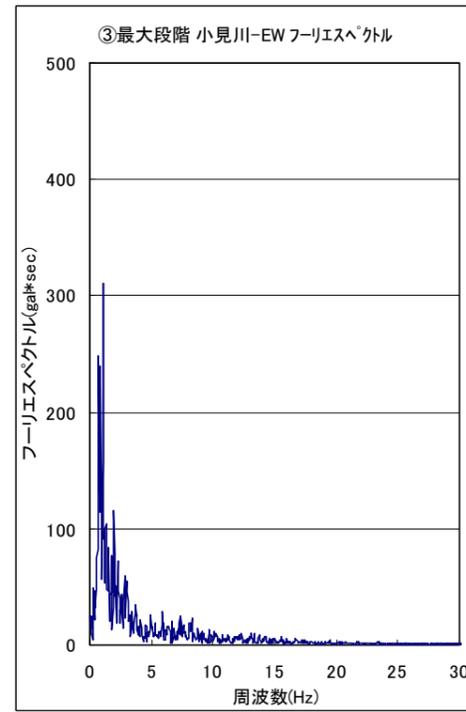
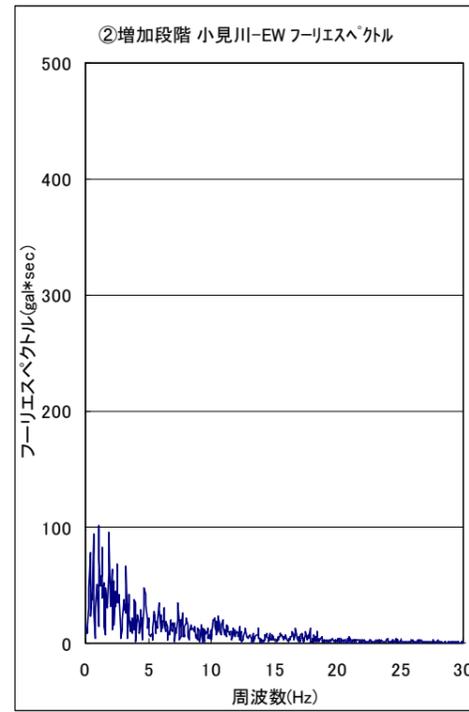
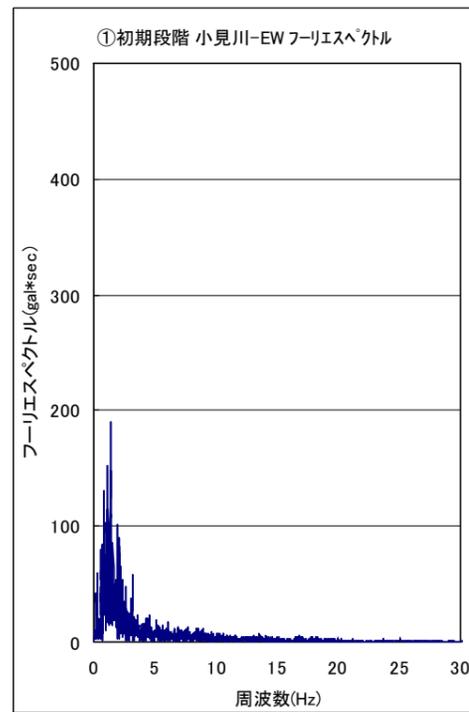
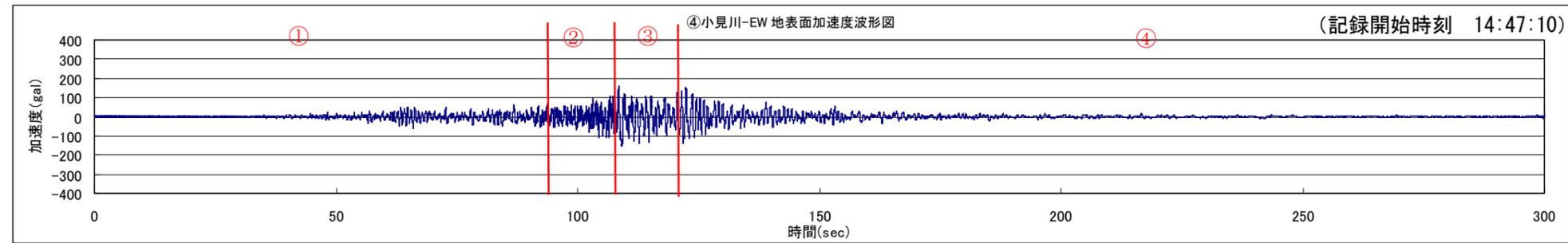
③ 山 田 (KKNetChiba)

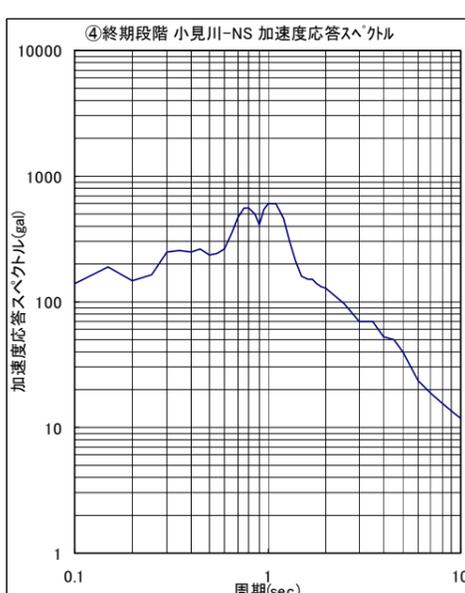
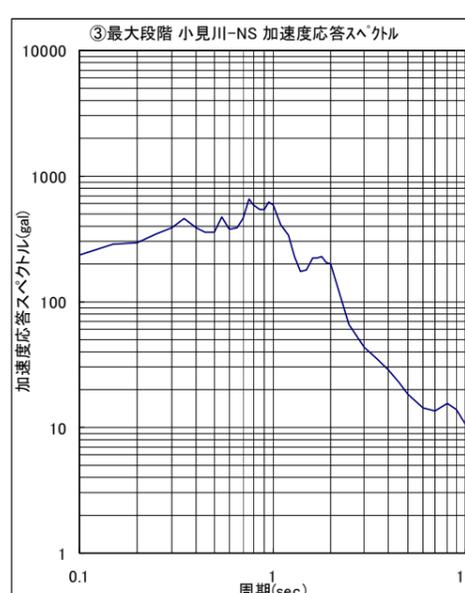
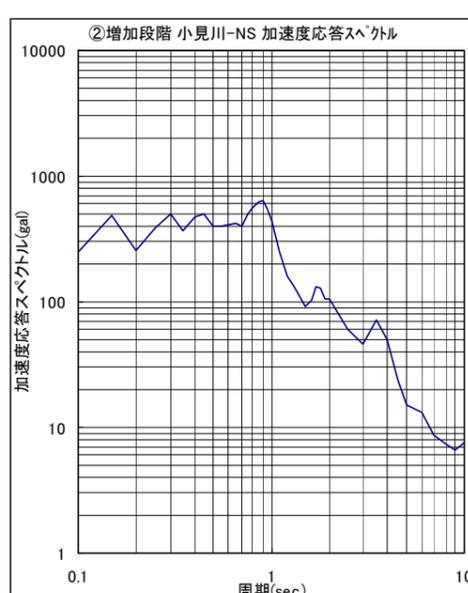
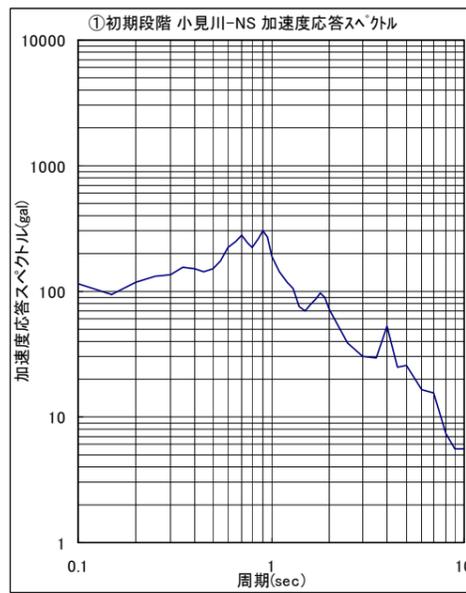
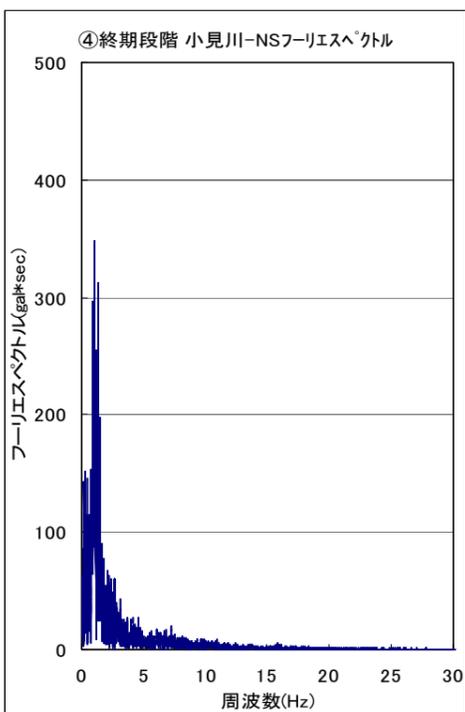
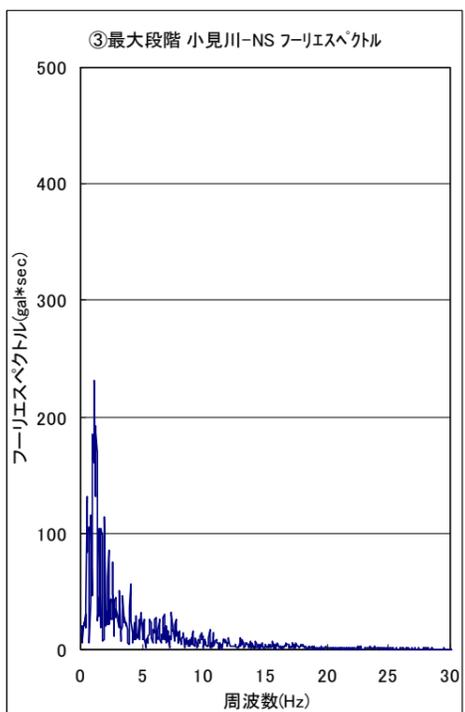
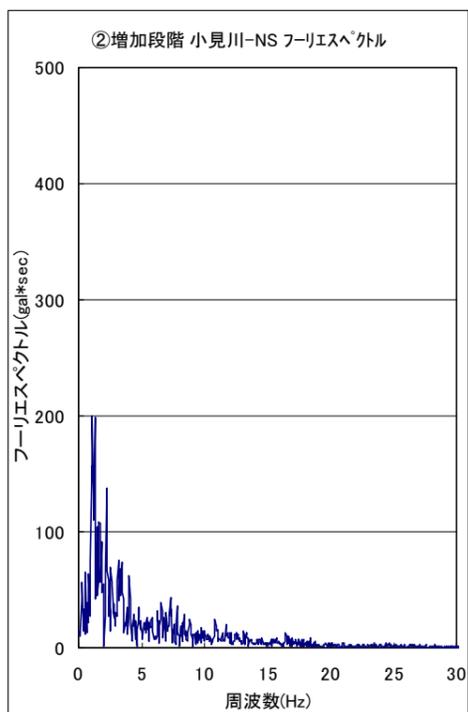
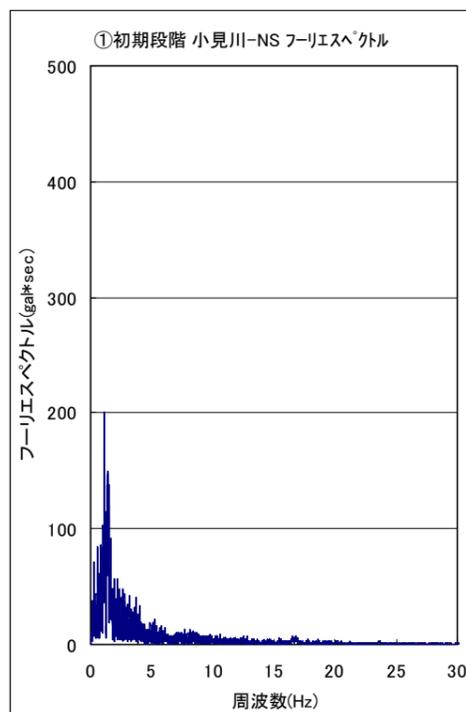
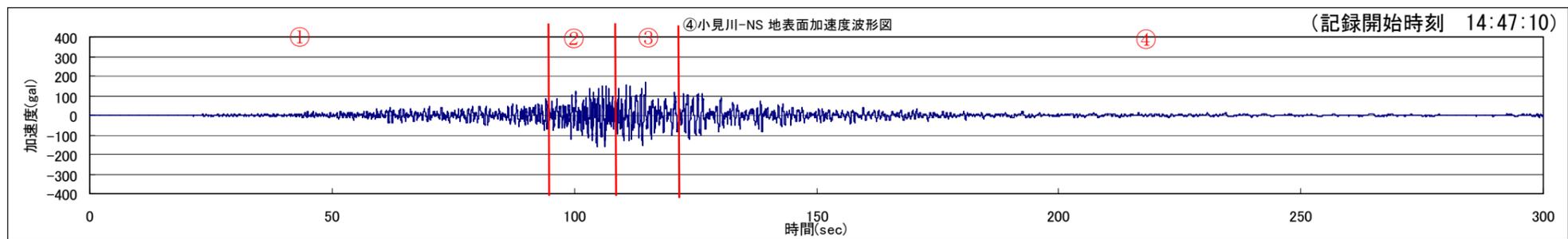




各時刻での地震動の特性

④ 小見川 (KNetChiba)





各時刻での地震動の特性

⑦ 佐原 (K-NET)

