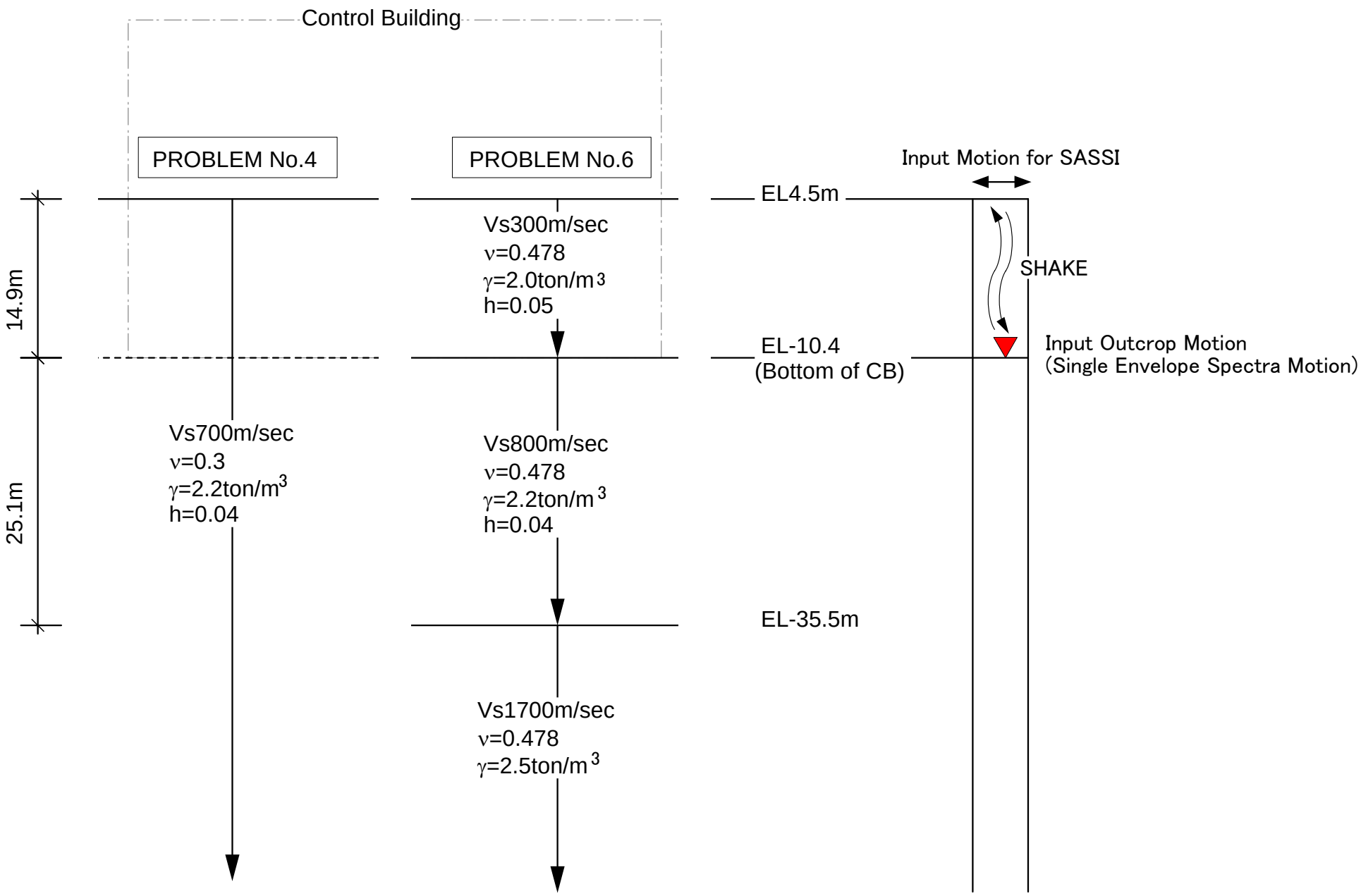

Control Building
PROBLEM No.4
PROBLEM No.6
Input Motion for SASSI
EL4.5m
14.9m
Vs300m/sec
ν=0.478
γ=2.0ton/m3
h=0.05
SHAKE
EL-10.4
(Bottom of CB)
Input Outcrop Motion
(Single Envelope Spectra Motion)
25.1m
Vs700m/sec
ν=0.3
γ=2.2ton/m3
h=0.04
Vs800m/sec
ν=0.478
γ=2.2ton/m3
h=0.04
EL-35.5m
Vs1700m/sec
ν=0.478
γ=2.5ton/m3

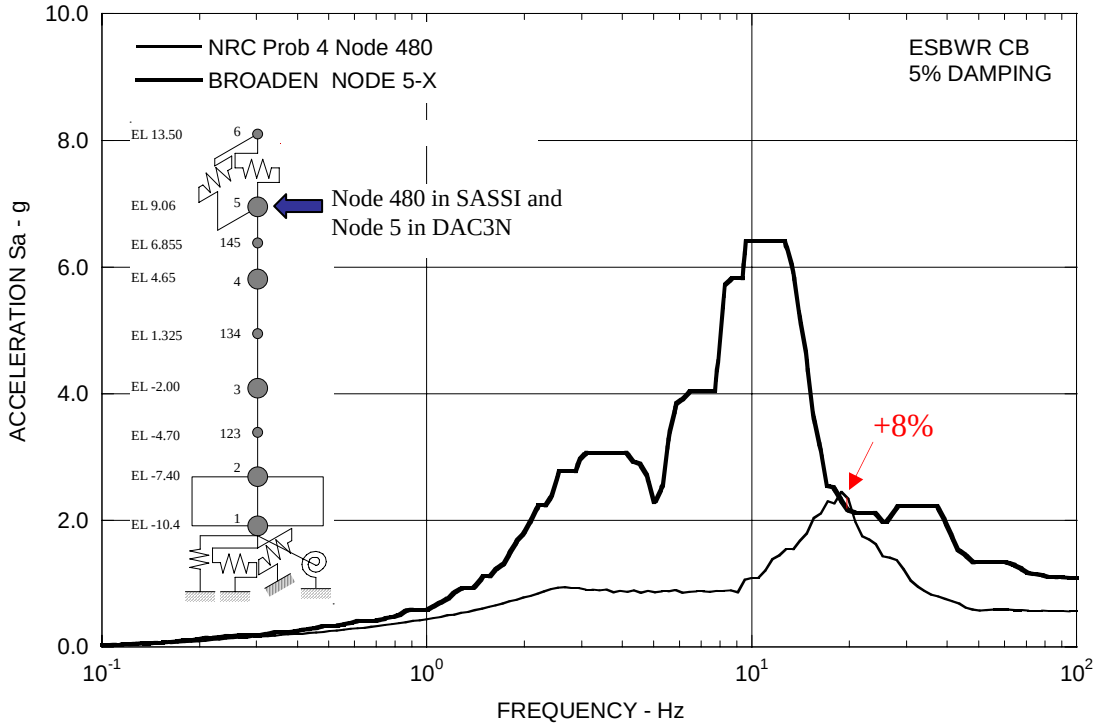


Figure 1 PROBLEM No.4 - EL9.06m- vs. CB Design Spectrum - EL9.06m -

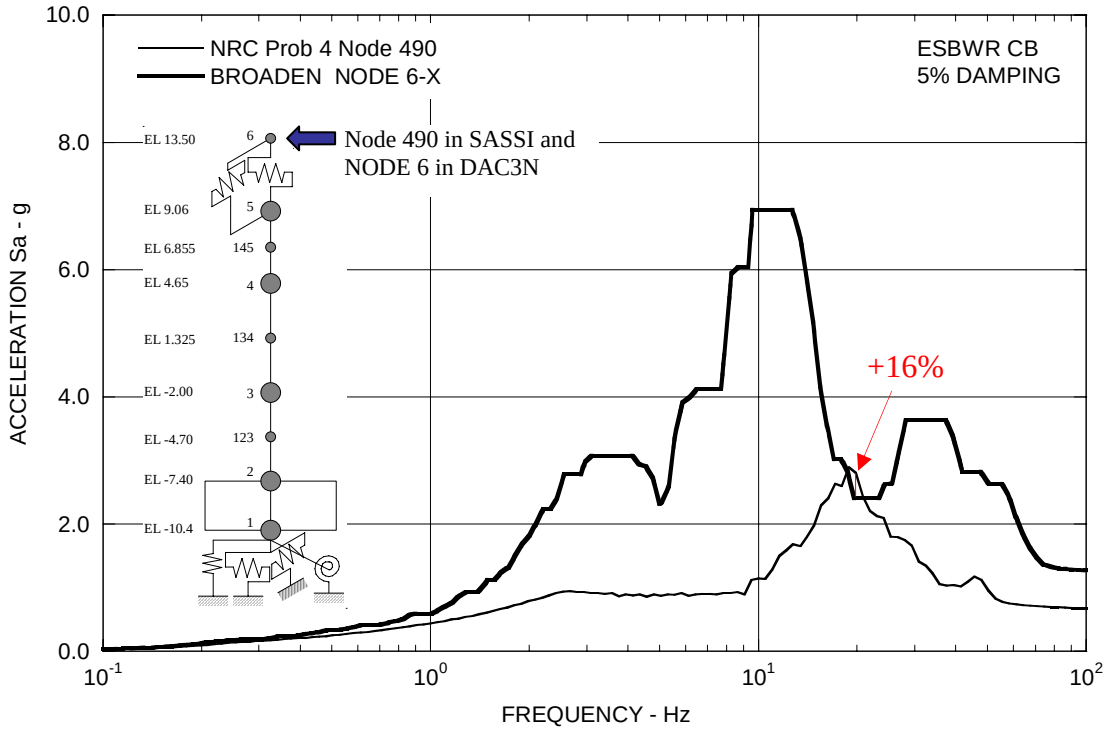


Figure 2 PROBLEM No.4 - EL13.5m- vs. CB Design Spectrum - EL13.5m -

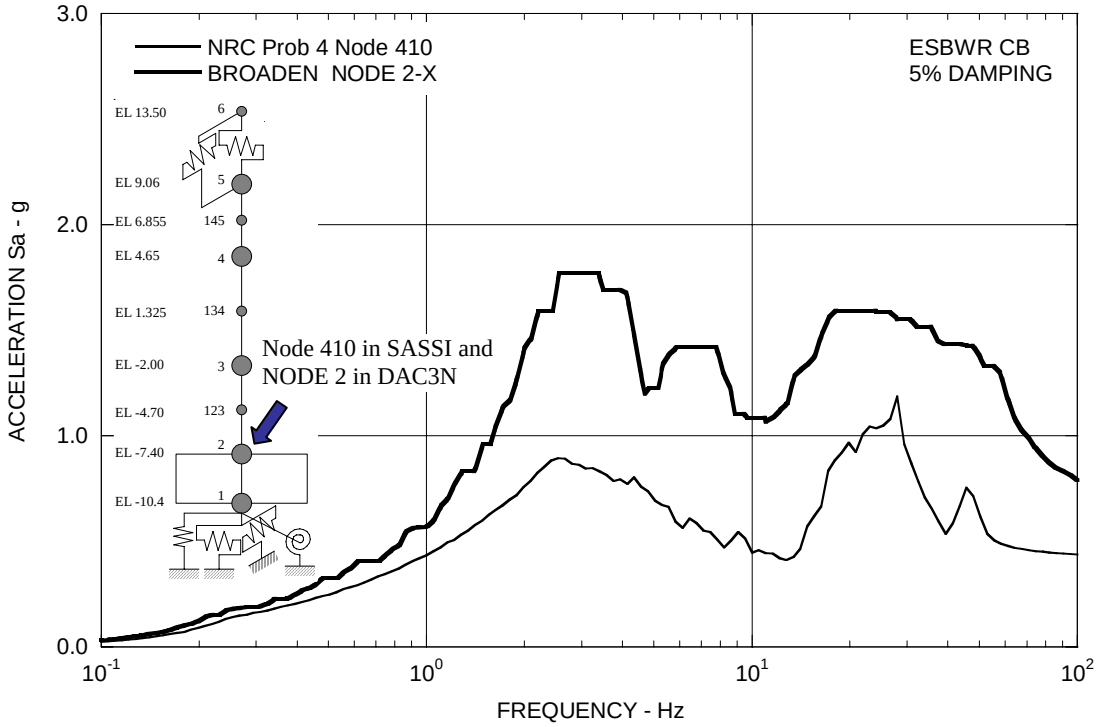


Figure 3 PROBLEM No.4 - EL-7.4m- vs. CB Design Spectrum - EL-7.4m -

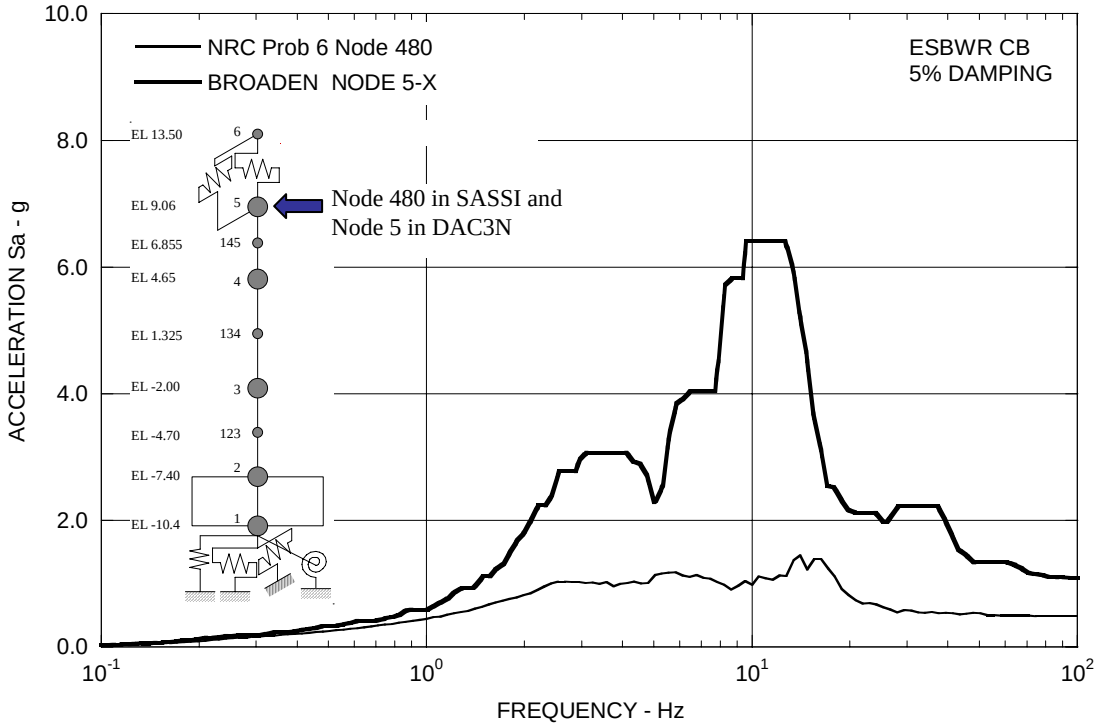


Figure 4 PROBLEM No.6 - EL9.06m- vs. CB Design Spectrum - EL9.06m -

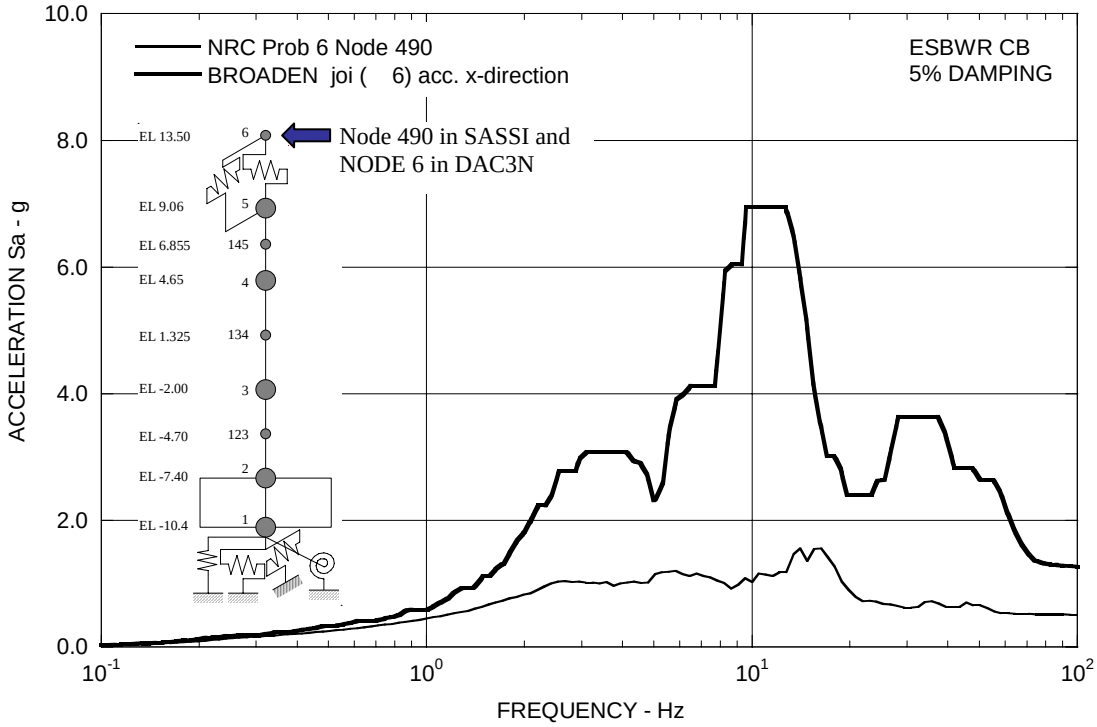


Figure 5 PROBLEM No.6 - EL13.5m- vs. CB Design Spectrum - EL13.5m -

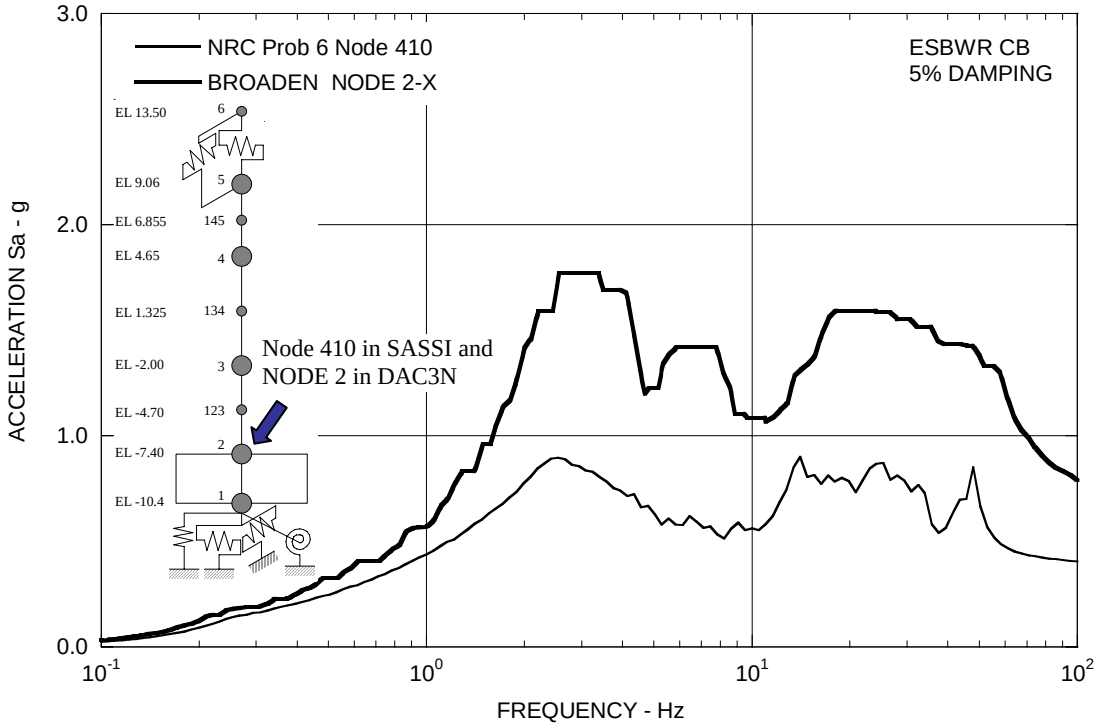
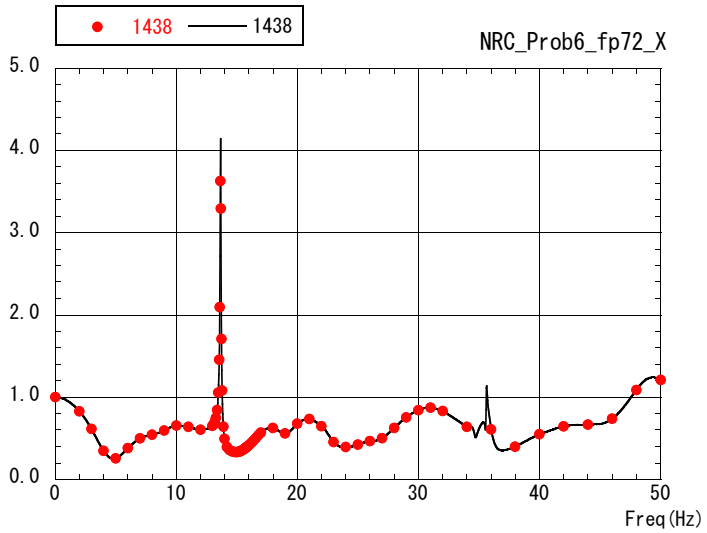
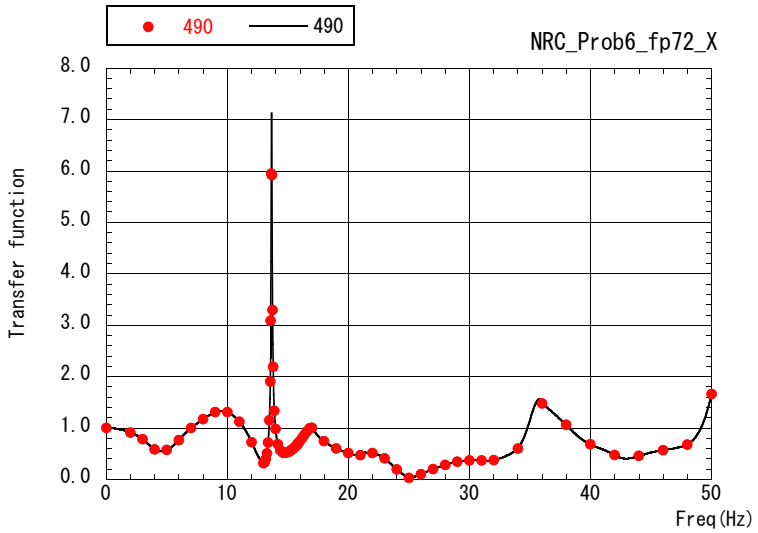


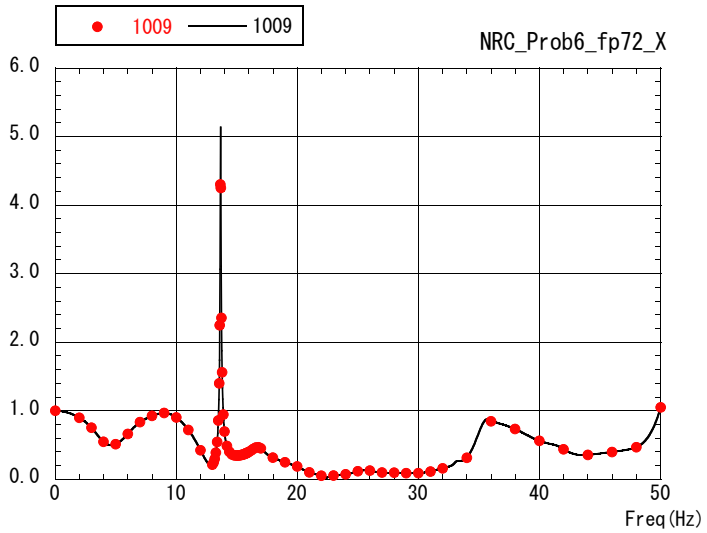
Figure 6 PROBLEM No.6 - EL-7.4m- vs. CB Design Spectrum - EL-7.4m -



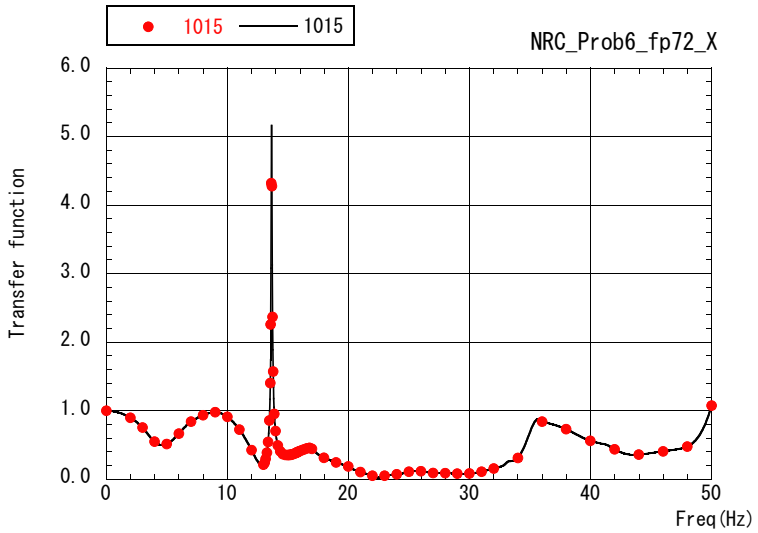
a) CB_Basemat bottom (EL-10.4)



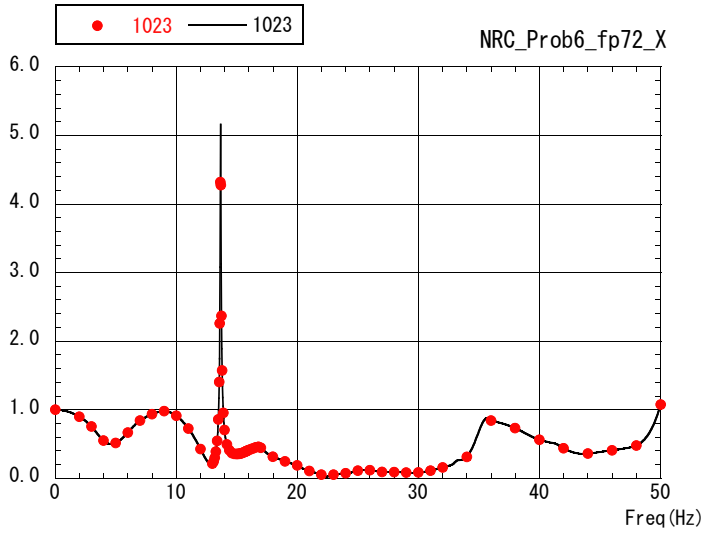
b) CB_Top (EL13.5)



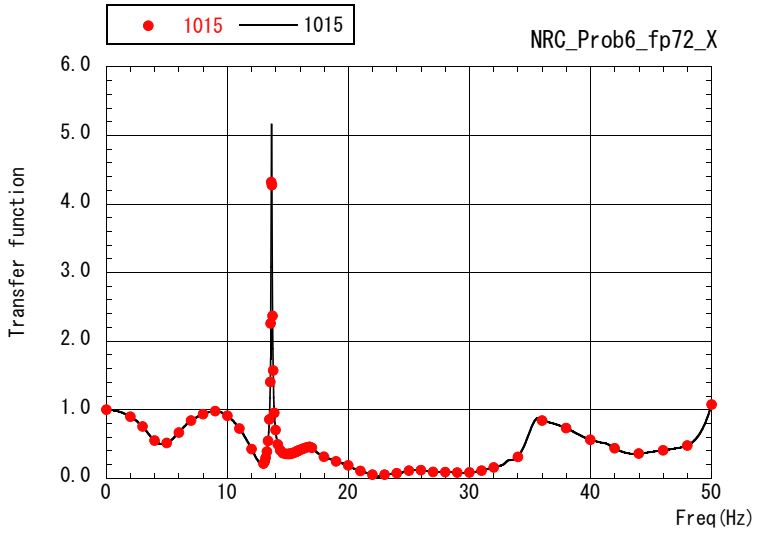
d) Outer wall top (South - East Corner)



f) Outer wall top (South- West Corner)



e) Outer wall top (North - West Corner)



f) Outer wall top (South- West Corner)