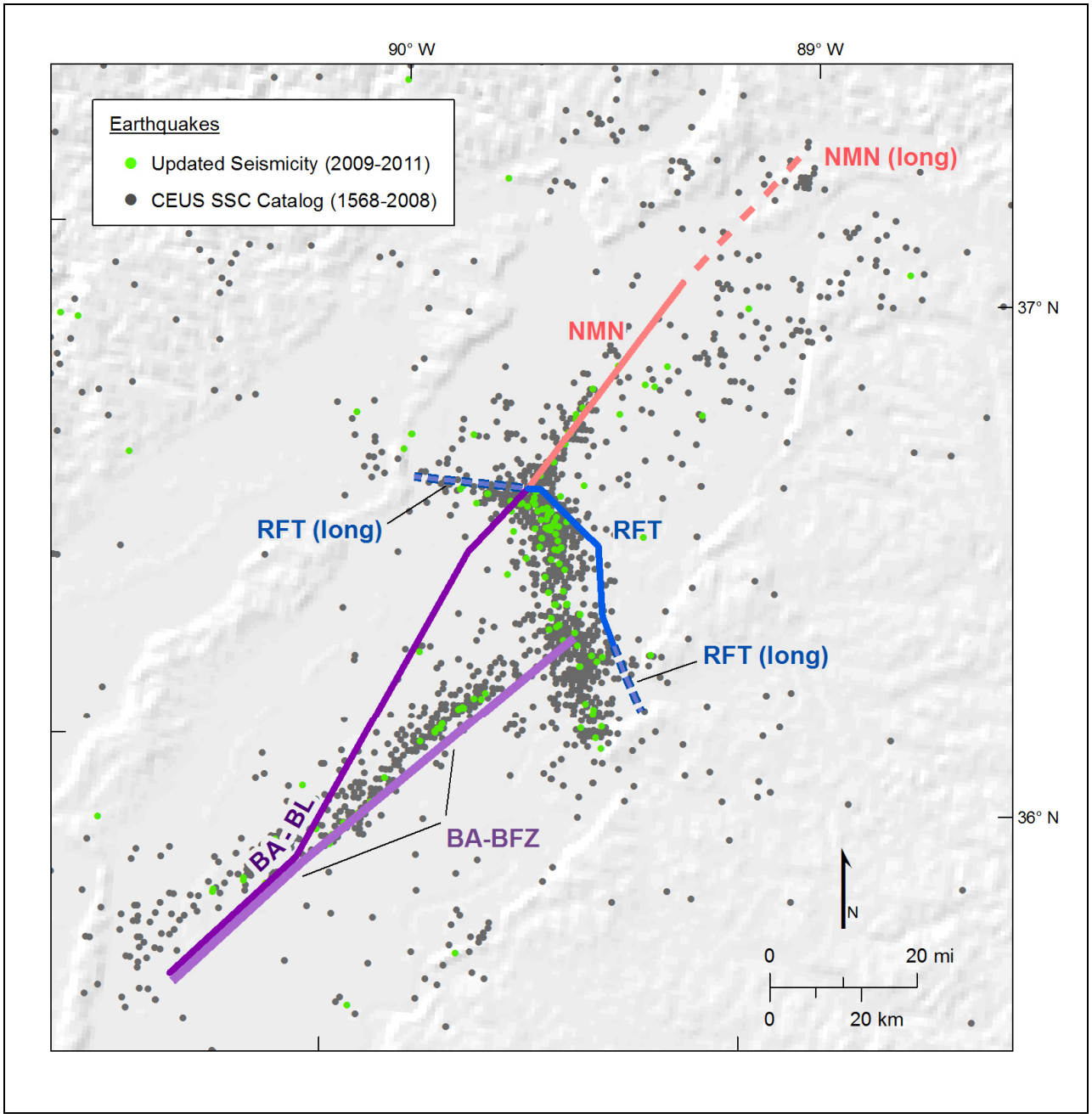
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

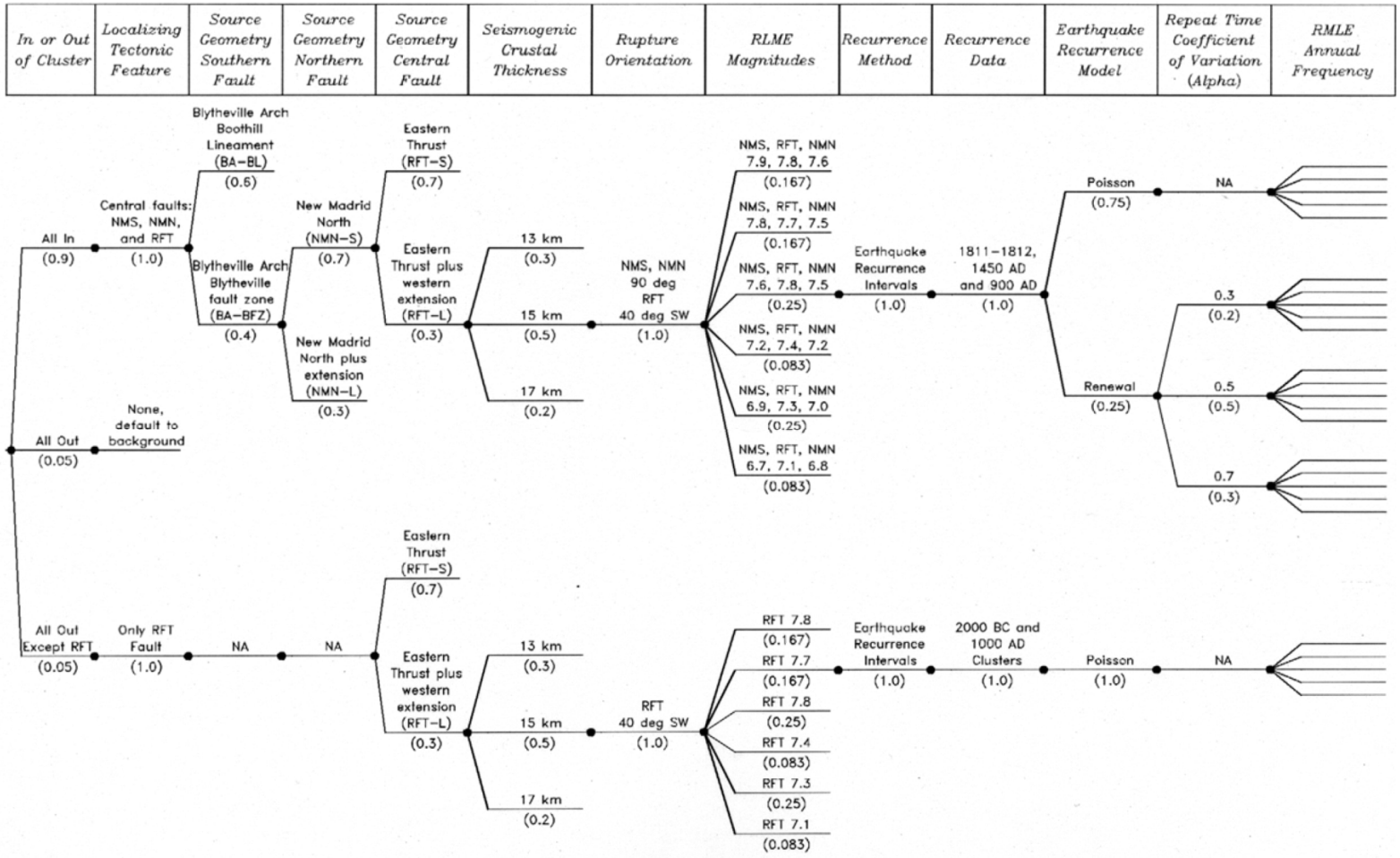
Figure 2.5.2-226 Elements of the New Madrid Fault System (NMFS) RLME (Modified After Figure 6.1.5-4 of CEUS SSC Report)



NOTE: Individual fault segments are the New Madrid North fault (NMN), the Reelfoot thrust (RFT), the Blytheville arch (BA), the Bootheel Lineament (BL), and the Blytheville fault zone (BFZ). Seismicity includes mainshocks and dependent events of E[**M**] ≥ 2.2. Fault geometries modified after Reference 2.5-223.

NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-227 CEUS SSC Logic Tree Showing the Full Characterization of the NMFS RLME Source, Modified After Figure H-5.5-1 of the CEUS SSC Report

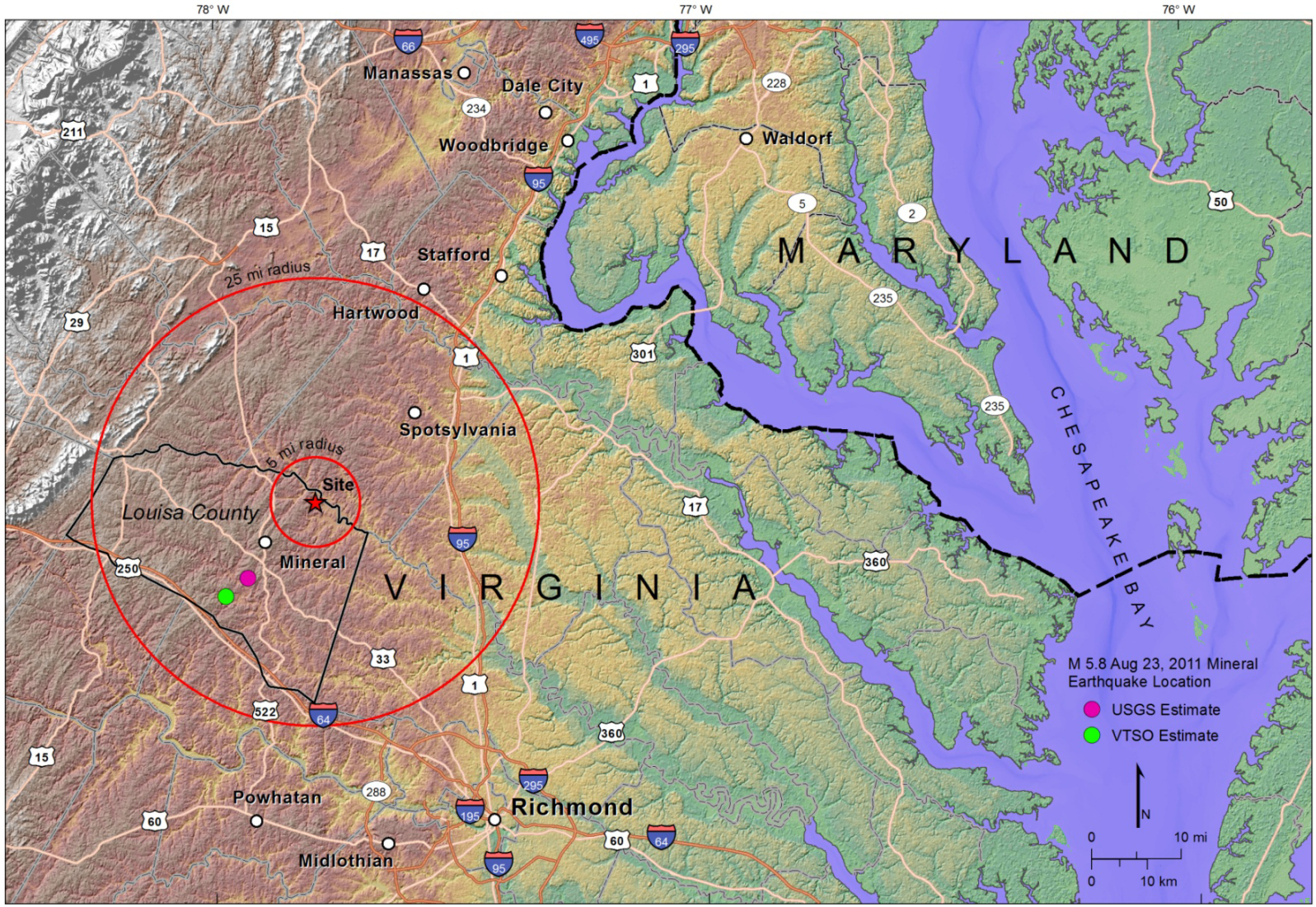


NOTES:For RLME annual frequency information, see Tables H-5.5-2 through H-5.5-6 from the CEUS SSC Report.

The weights on the suite of Seismogenic Crustal Thicknesses (depths) are updated values from what was published in the CEUS SSC Report, as indicated in the June 27, 2012 Updates file on the CEUS SSC Report web site (http://www.ceus-ssc.org). These weights differ slightly from the values in the published CEUS SSC Report, Table 5.4-2, shown in Table 2.5.2-210. As discussed in the FSAR, a single depth of 15 km was used, the justification of which is appropriate regardless the depth weights.

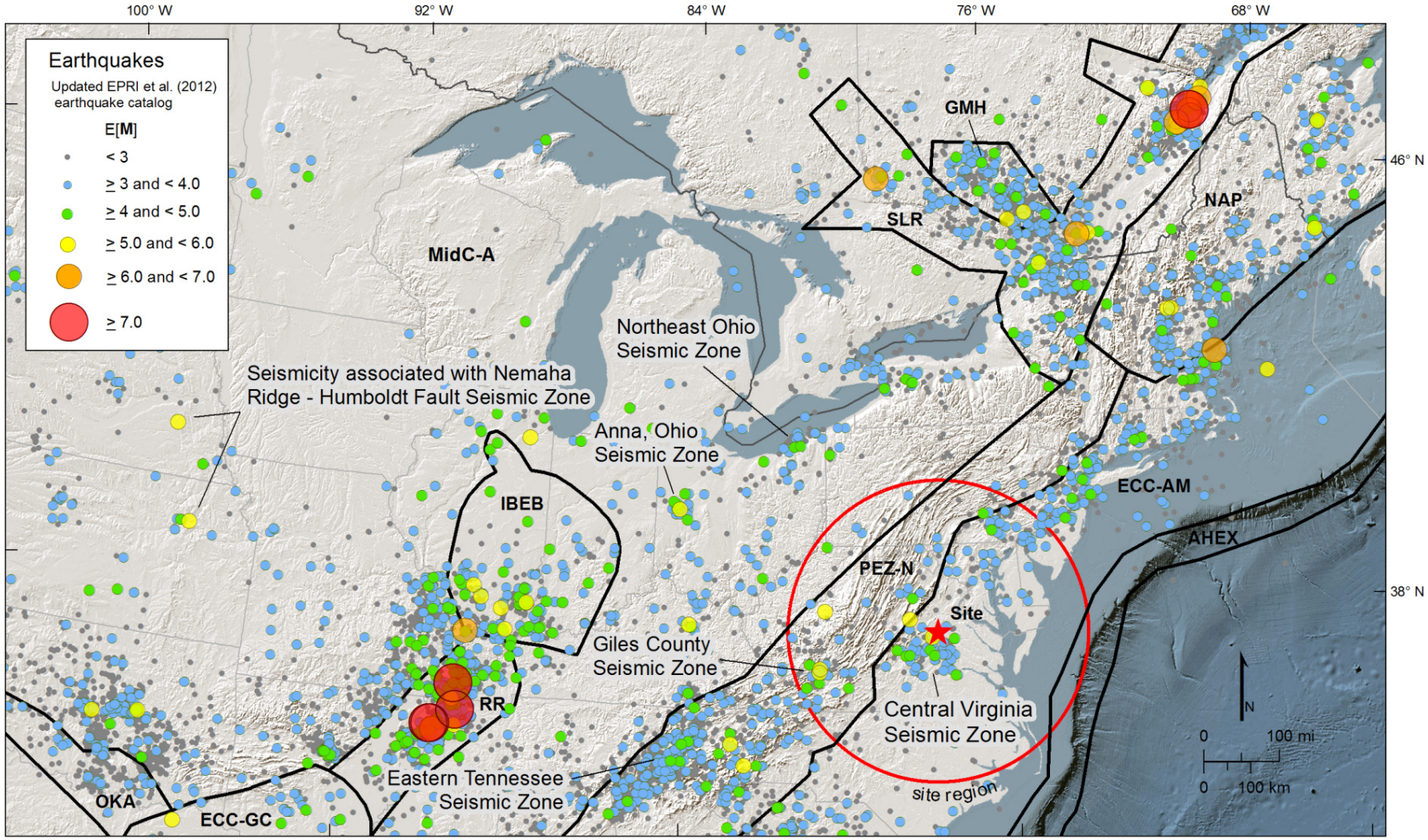
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-228 Location Map Showing North Anna Site and Estimated Locations of August 23, 2011 Mineral, Virginia Earthquake Mainshock (References 2.5-268 and 2.5-330)



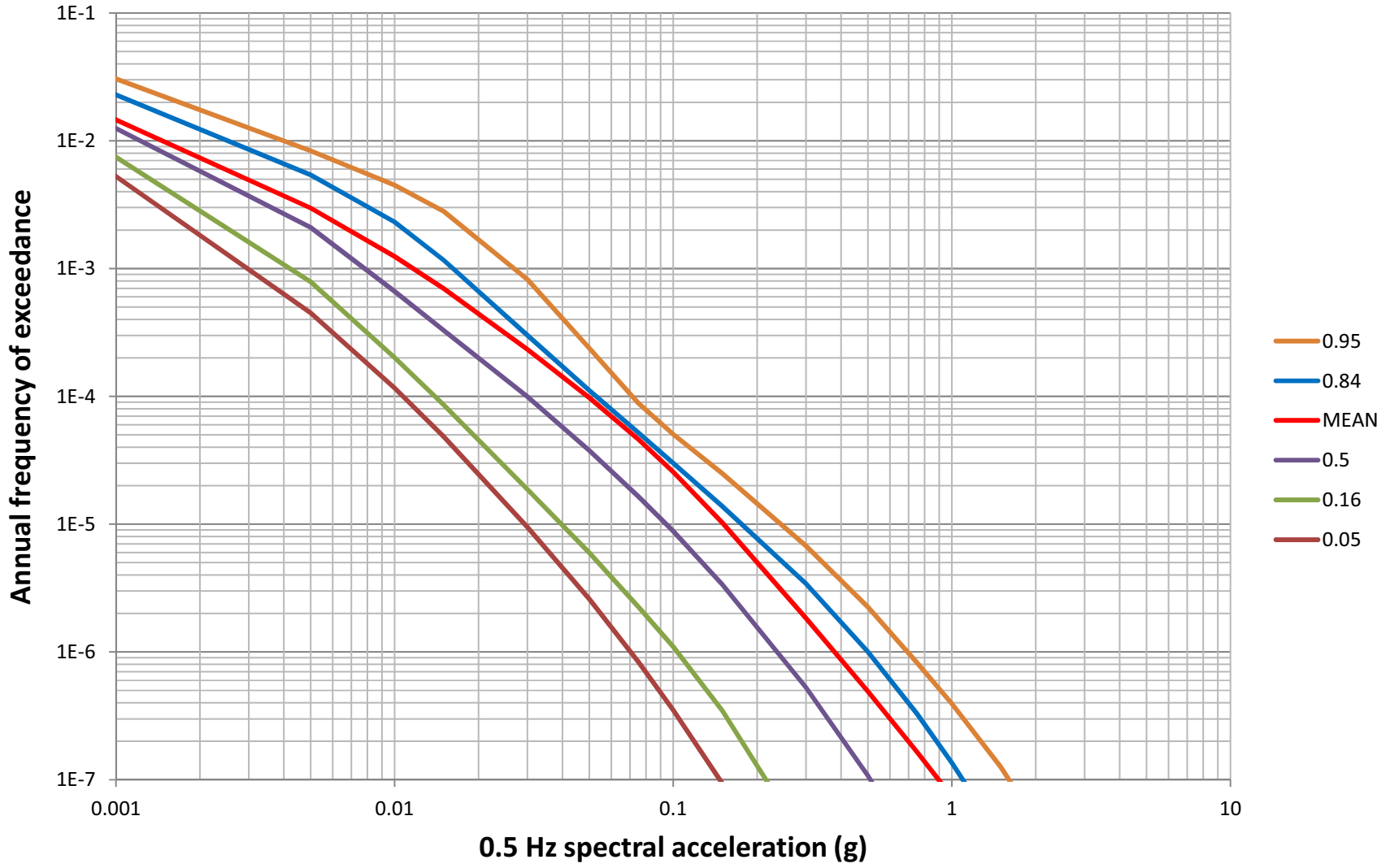
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-229 Distribution of Seismicity from the Updated CEUS SSC Report Earthquake Catalog Illustrating Areas of Elevated Seismicity Described in the Text, Along with CEUS SSC Report Seismotectonic Source Zones (Modified from Figure 7.1-1 of Reference 2.5-223)



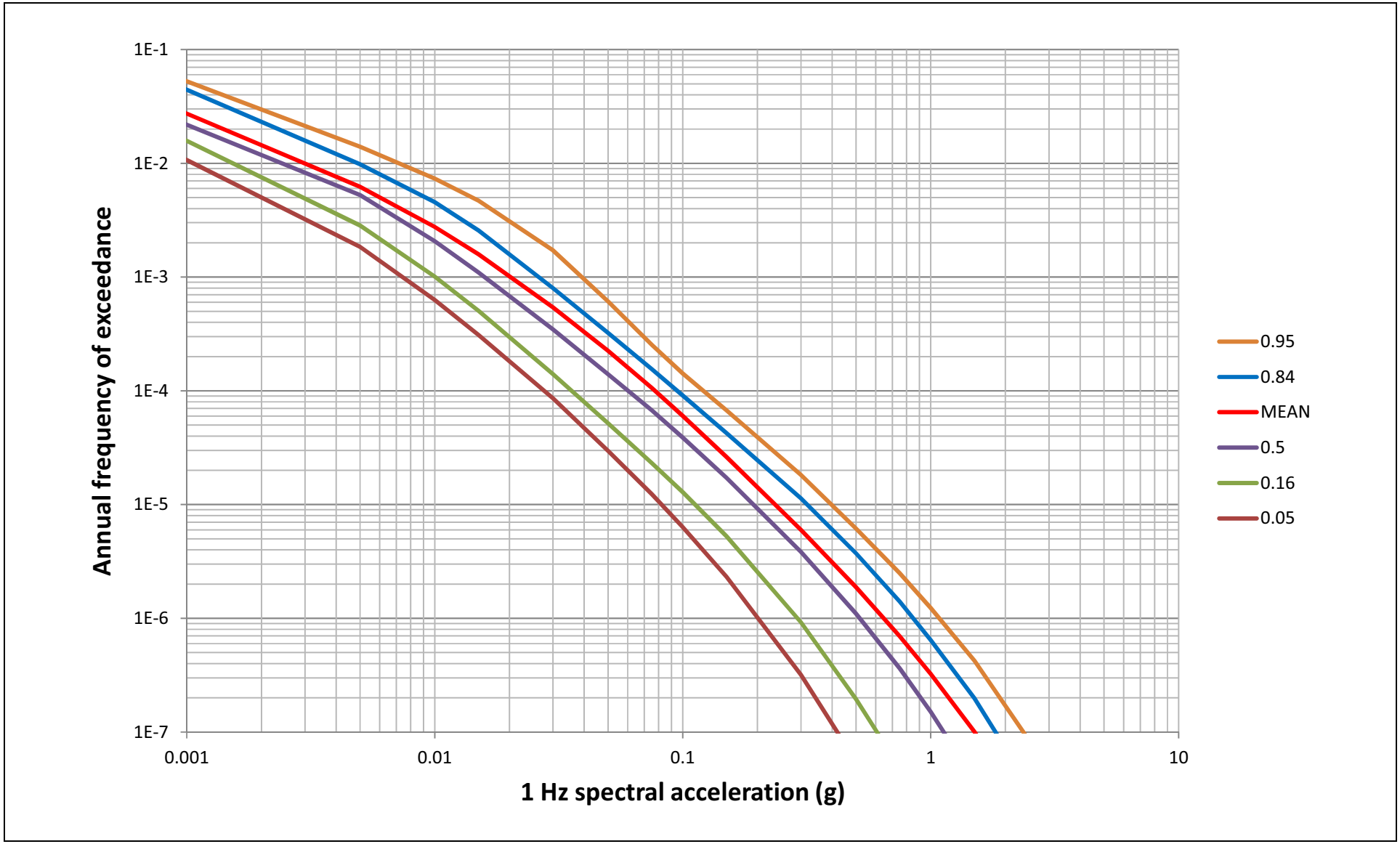
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-230 Mean and Fractile Rock Hazard Curves for 0.5 Hz



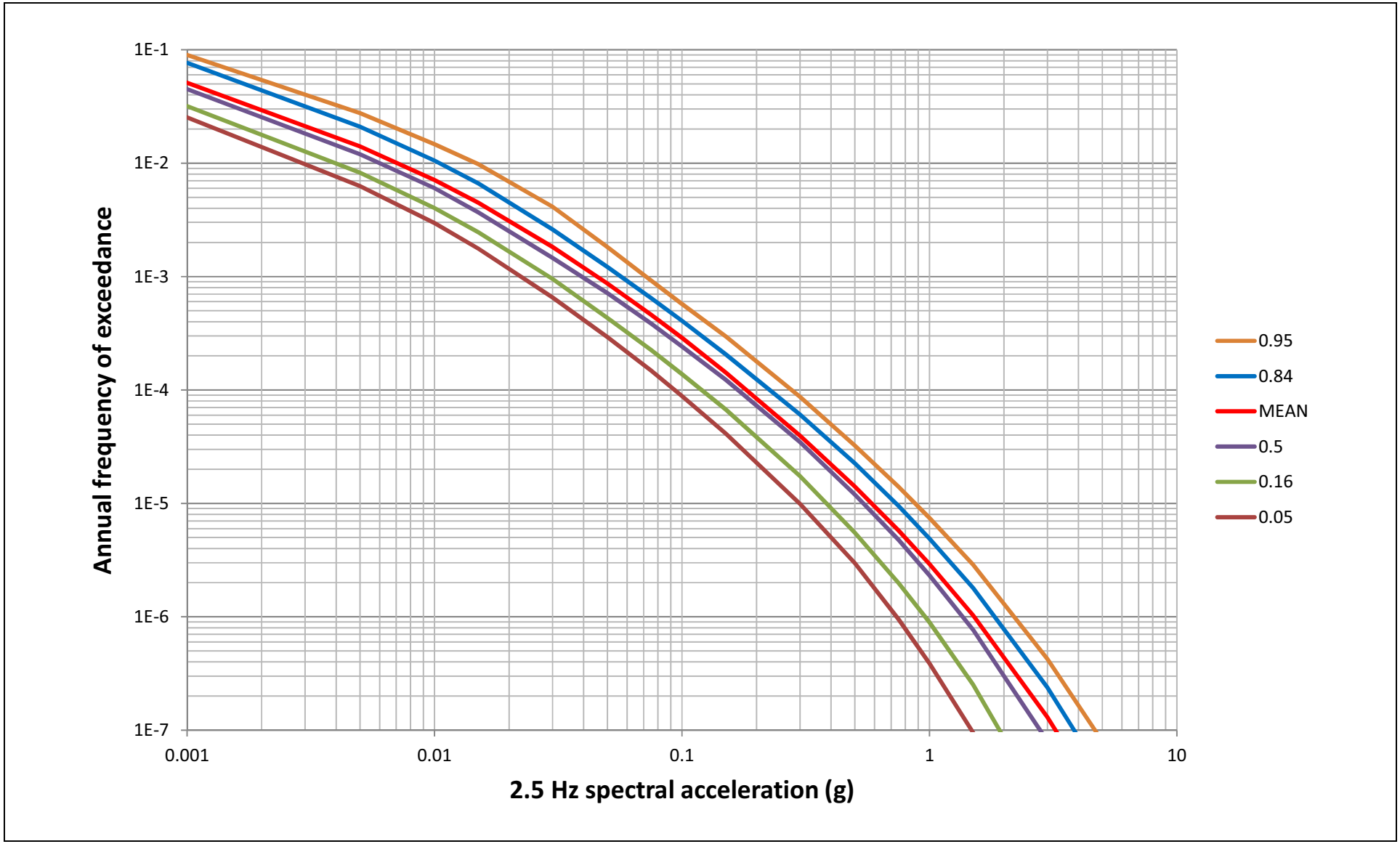
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-231 Mean and Fractile Rock Hazard Curves for 1 Hz



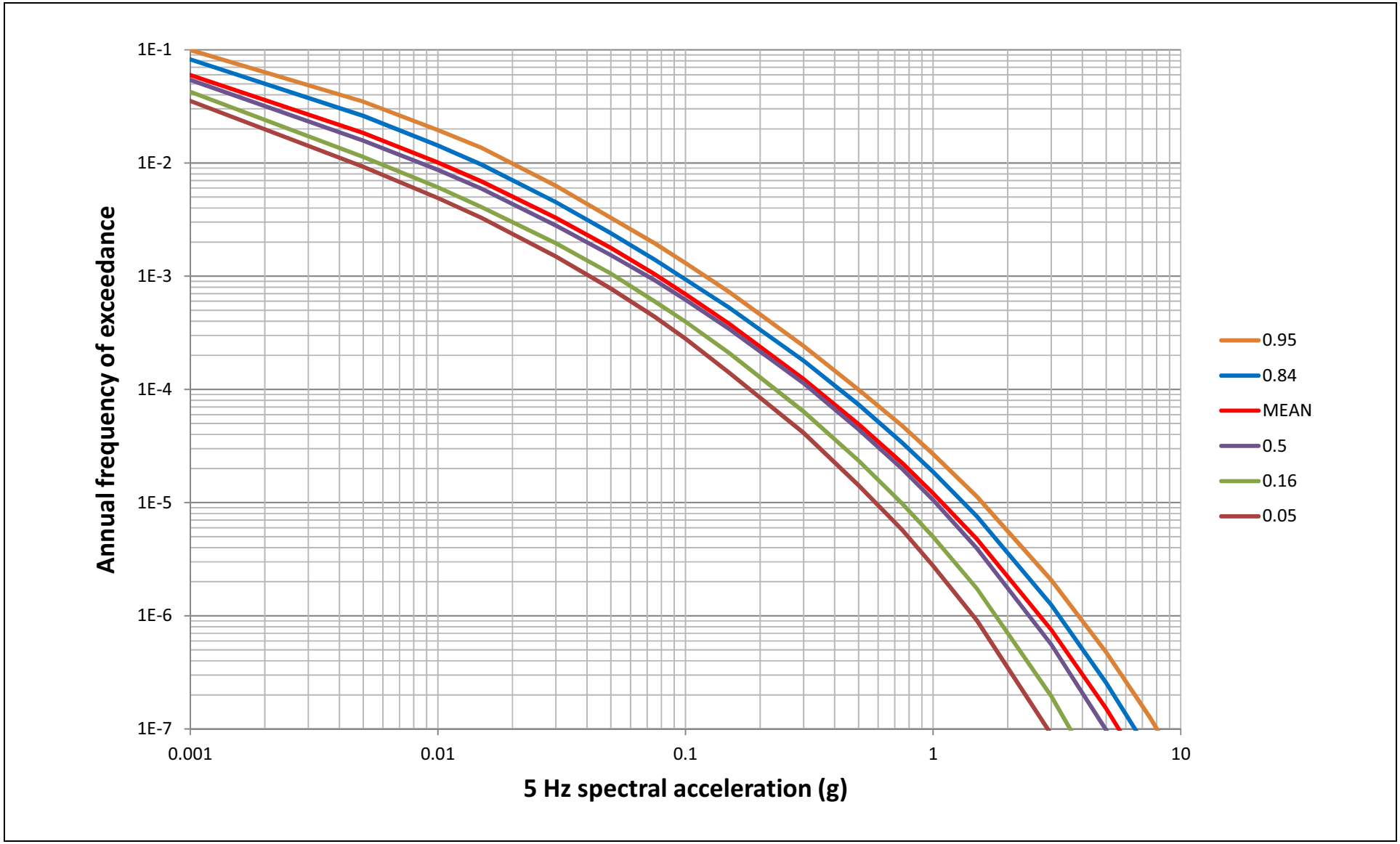
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-232 Mean and Fractile Rock Hazard Curves for 2.5 Hz



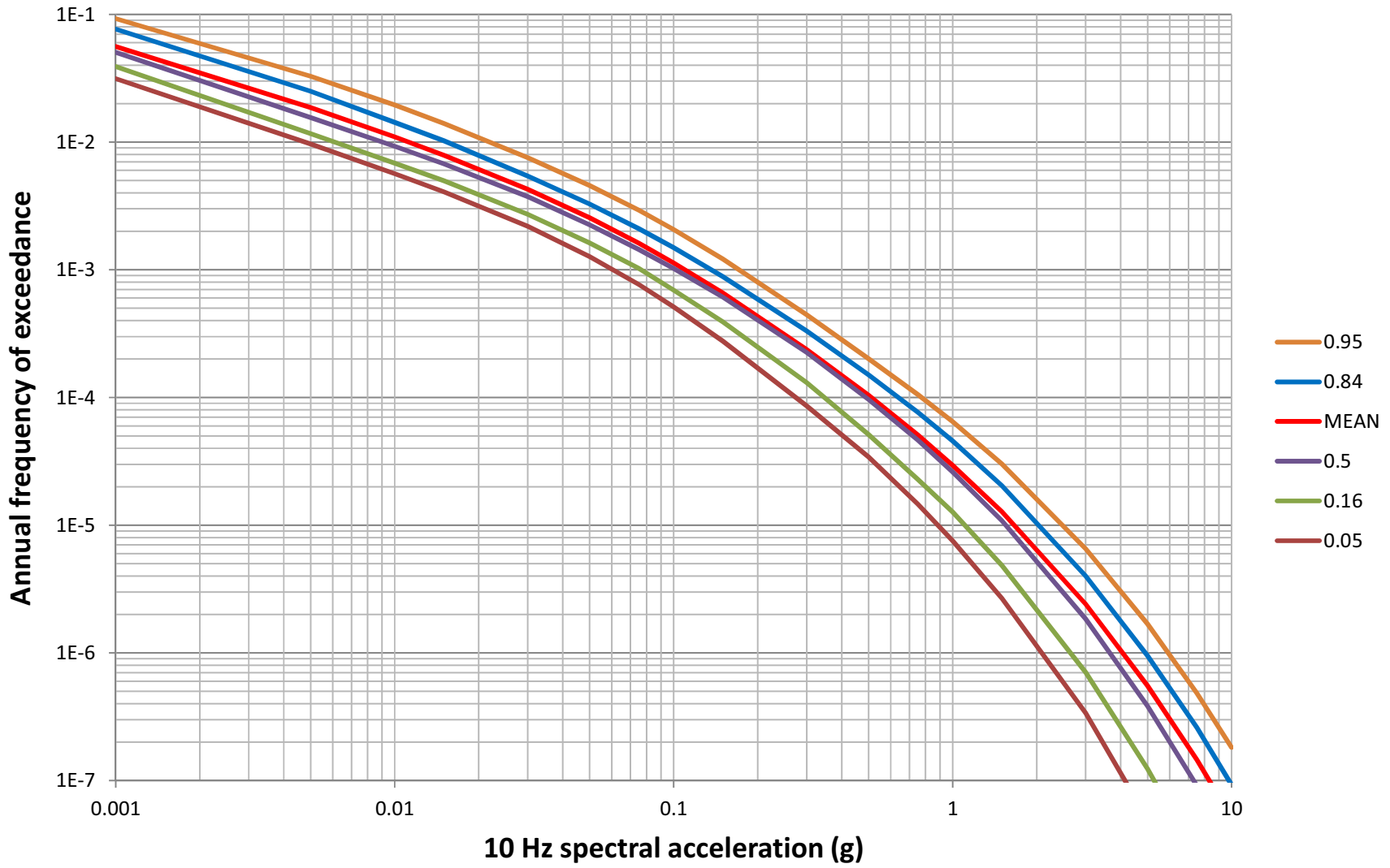
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-233 Mean and Fractile Rock Hazard Curves for 5 Hz



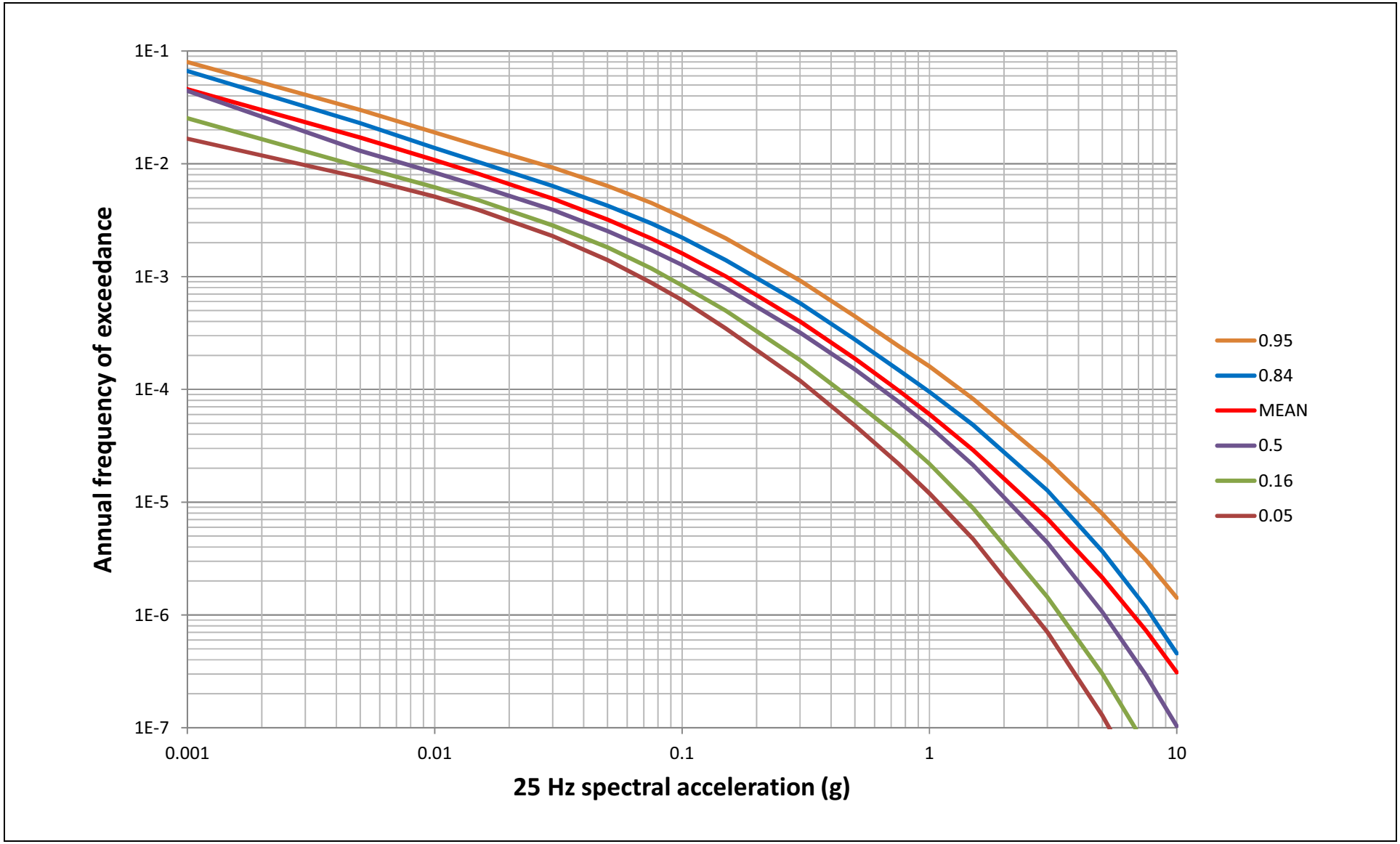
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-234 Mean and Fractile Rock Hazard Curves for 10 Hz



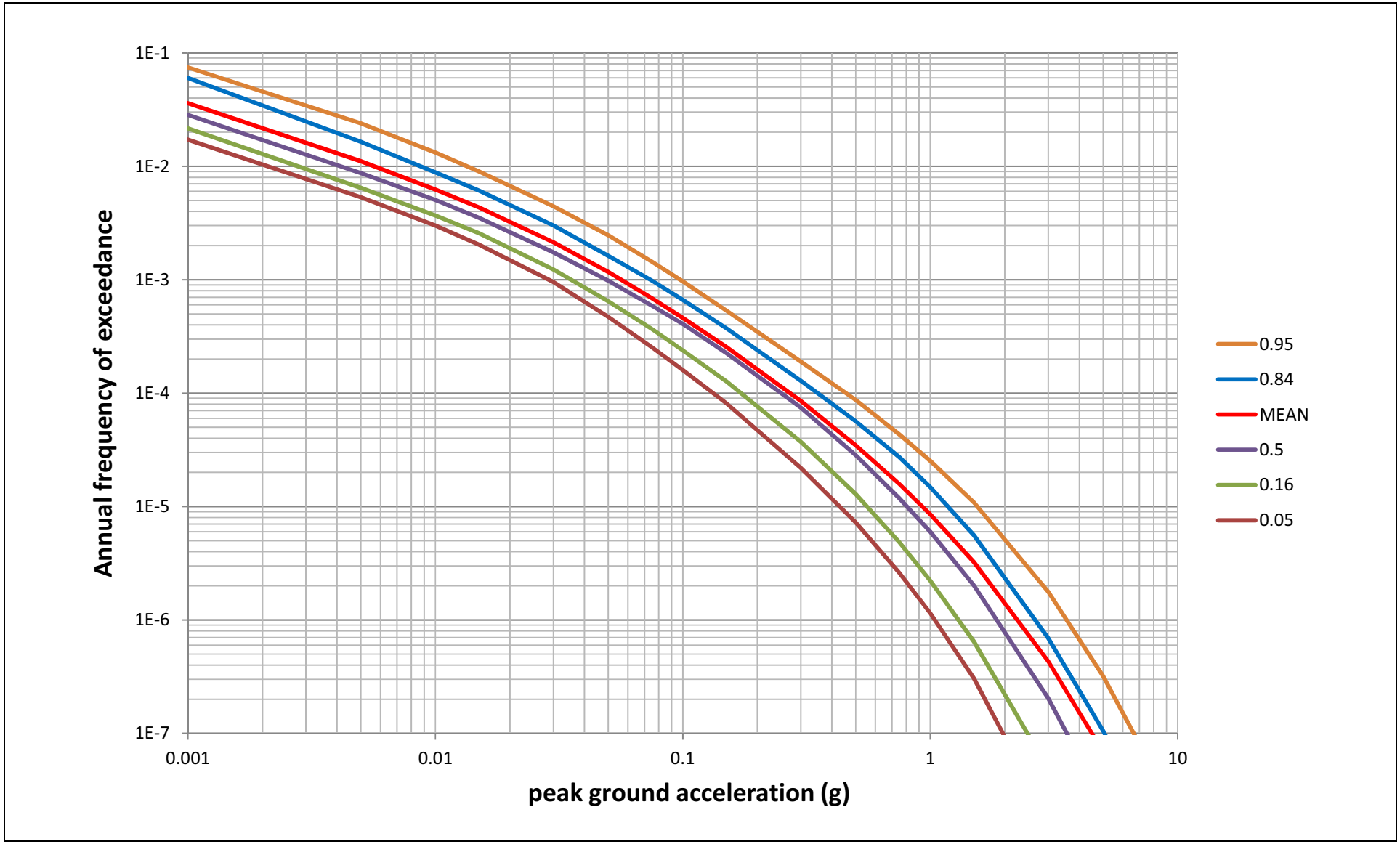
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-235 Mean and Fractile Rock Hazard Curves for 25 Hz



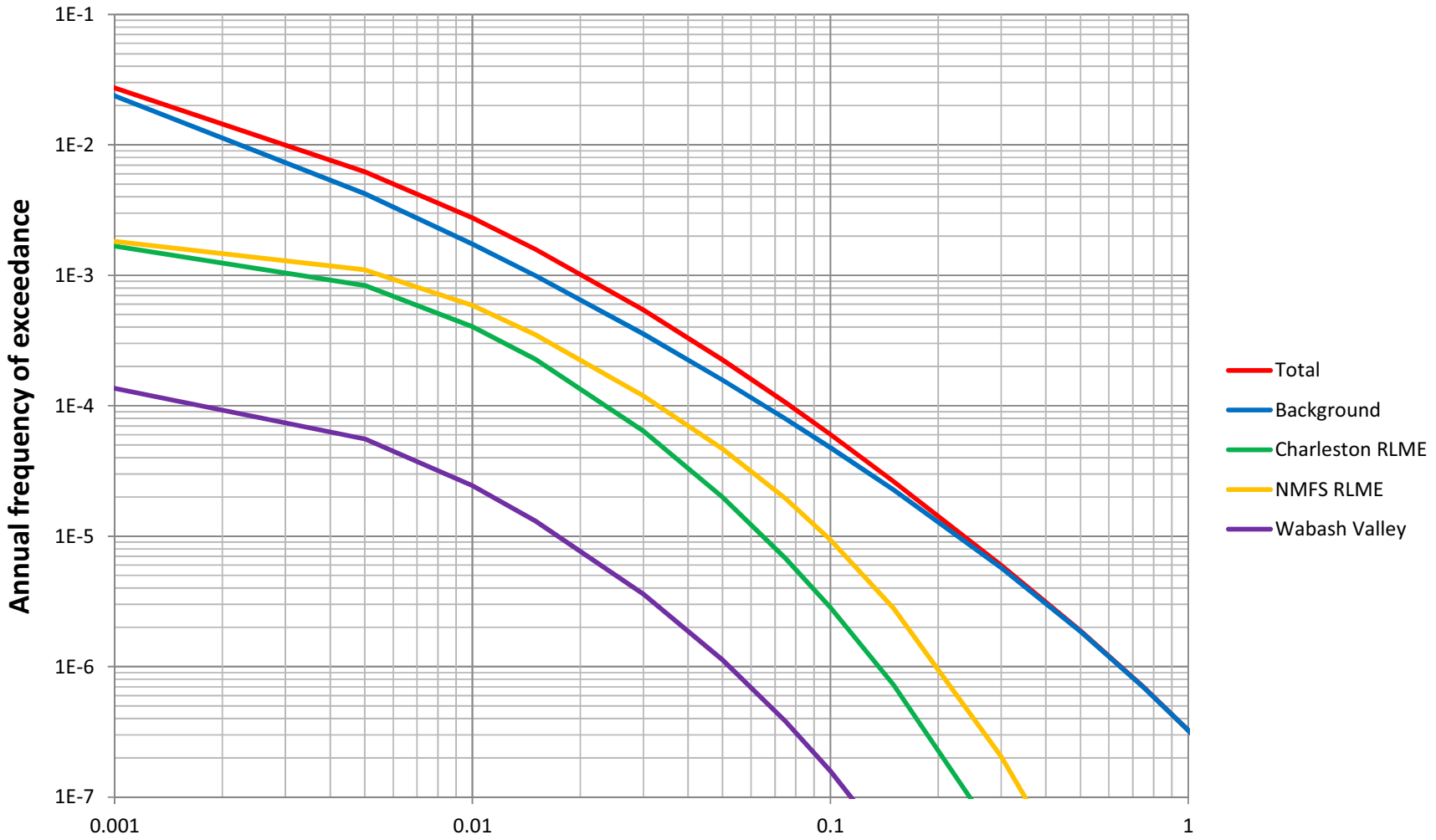
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-236 Mean and Fractile Rock Hazard Curves for PGA



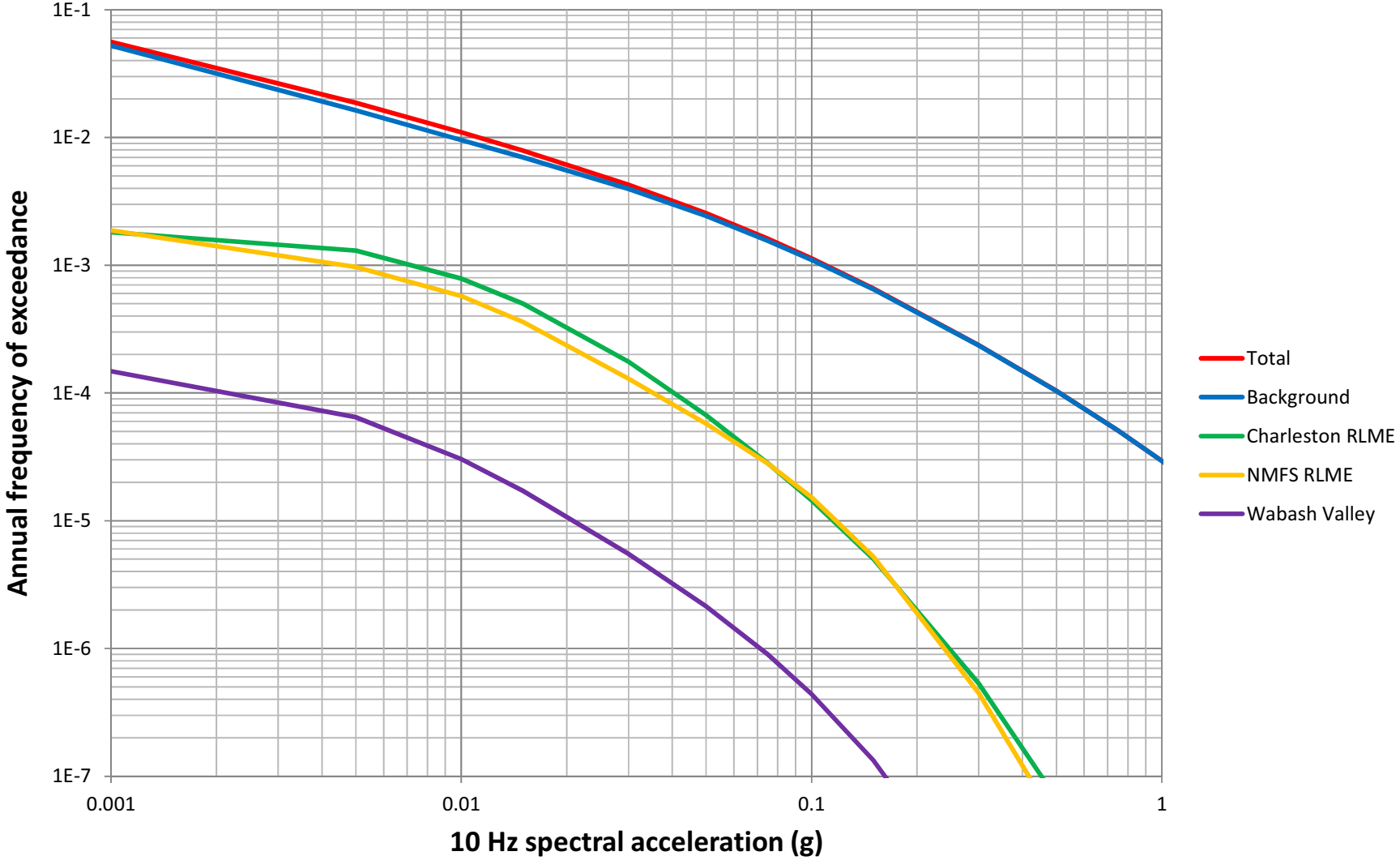
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-237 1 Hz Mean Rock Hazard from Background, Charleston, New Madrid and Wabash Valley



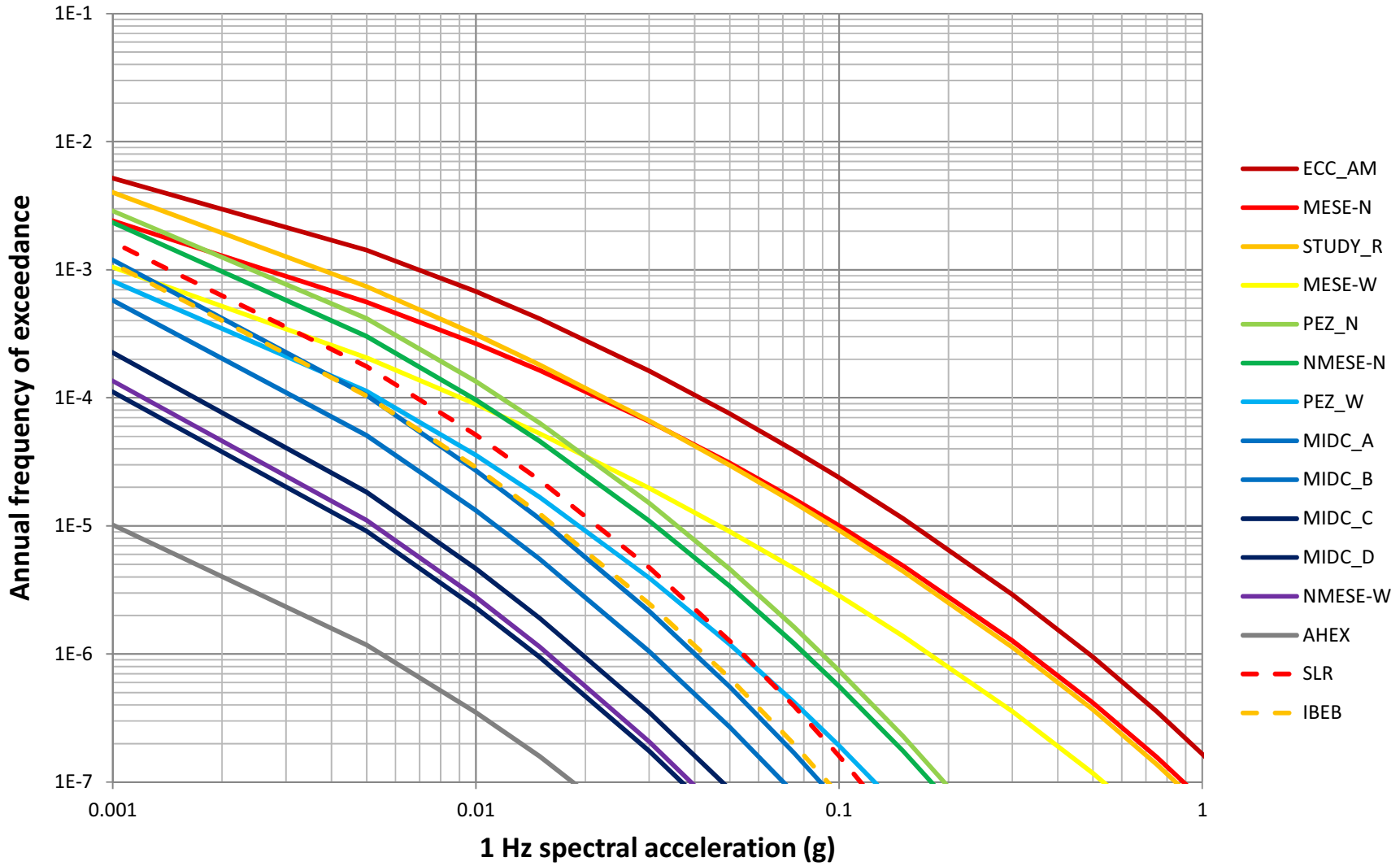
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-238 10 Hz Mean Rock Hazard from Background, Charleston, New Madrid and Wabash Valley



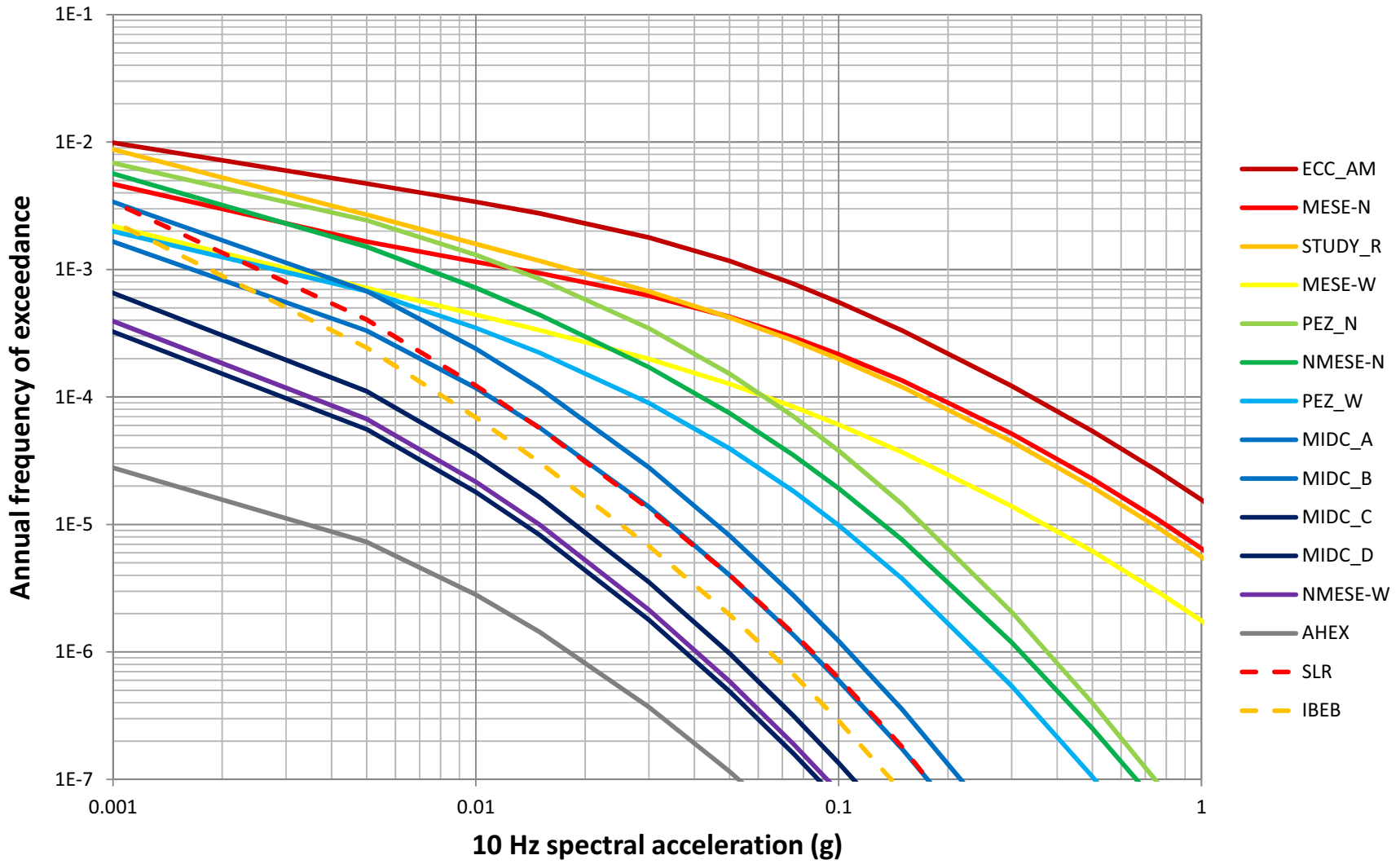
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-239 1 Hz Mean Rock Hazard from Individual Weighted Background Sources



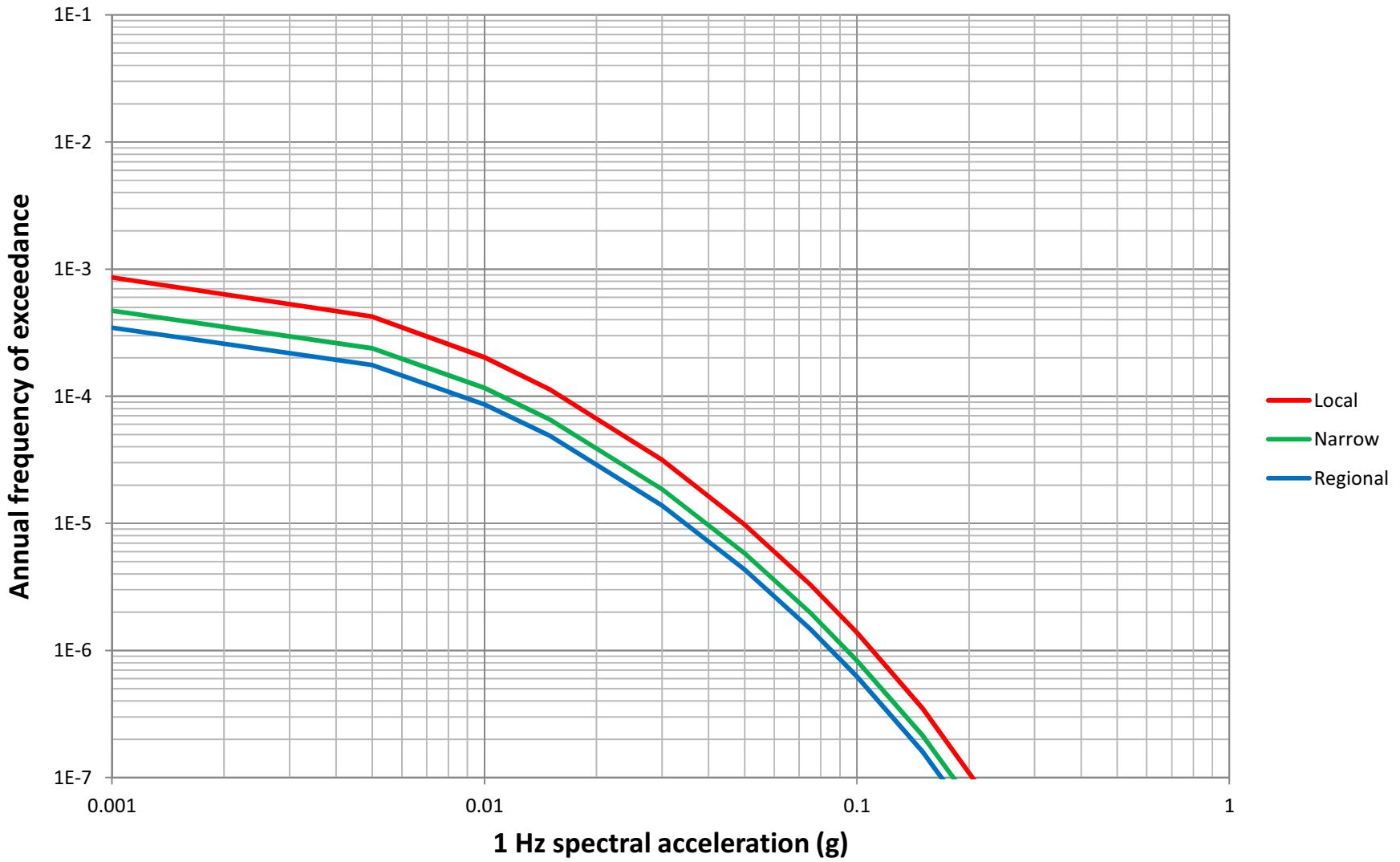
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-240 10 Hz Mean Rock Hazard from Individual Weighted Background Sources



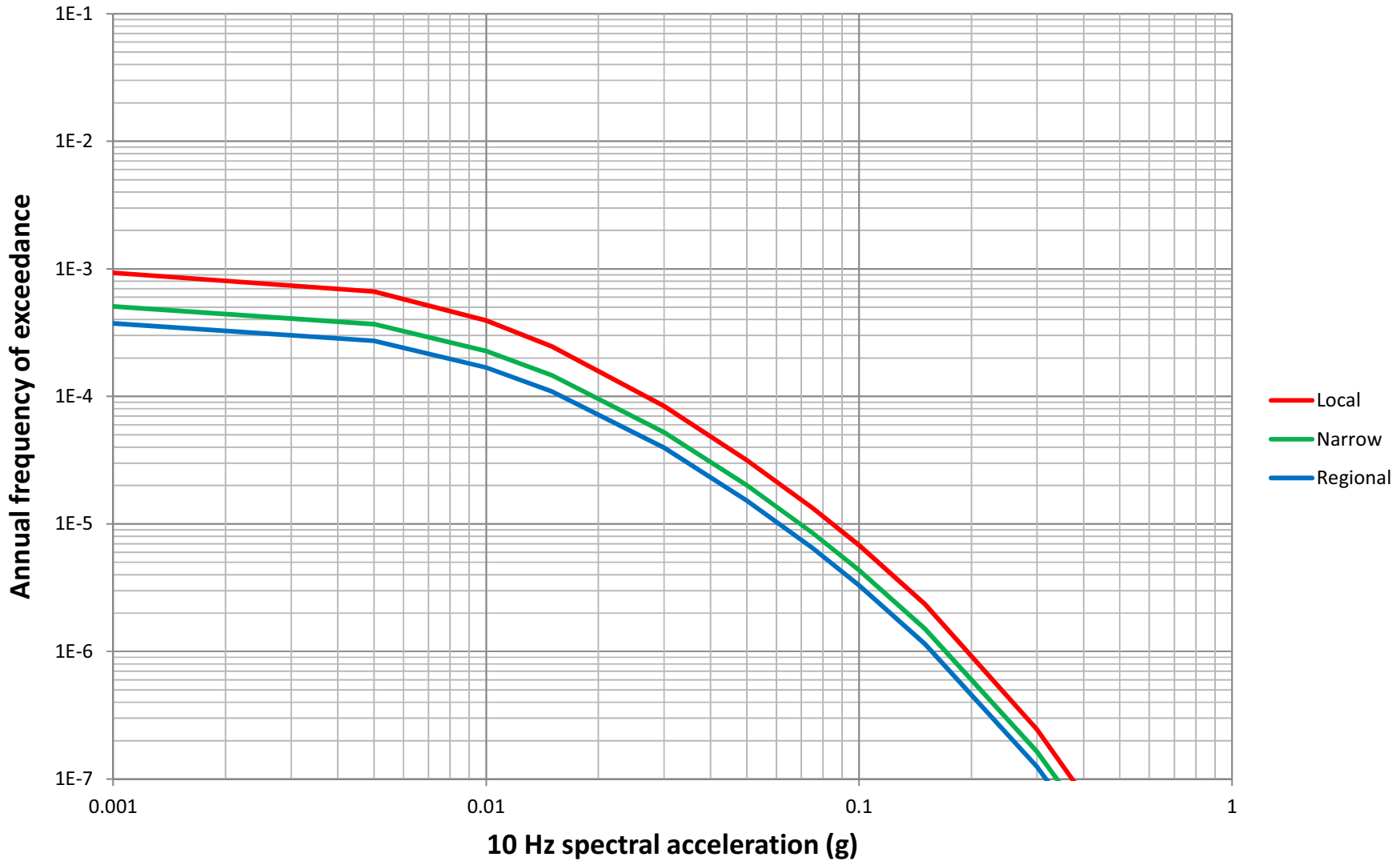
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-241 1 Hz Mean Rock Hazard from Individual Weighted Charleston Sources



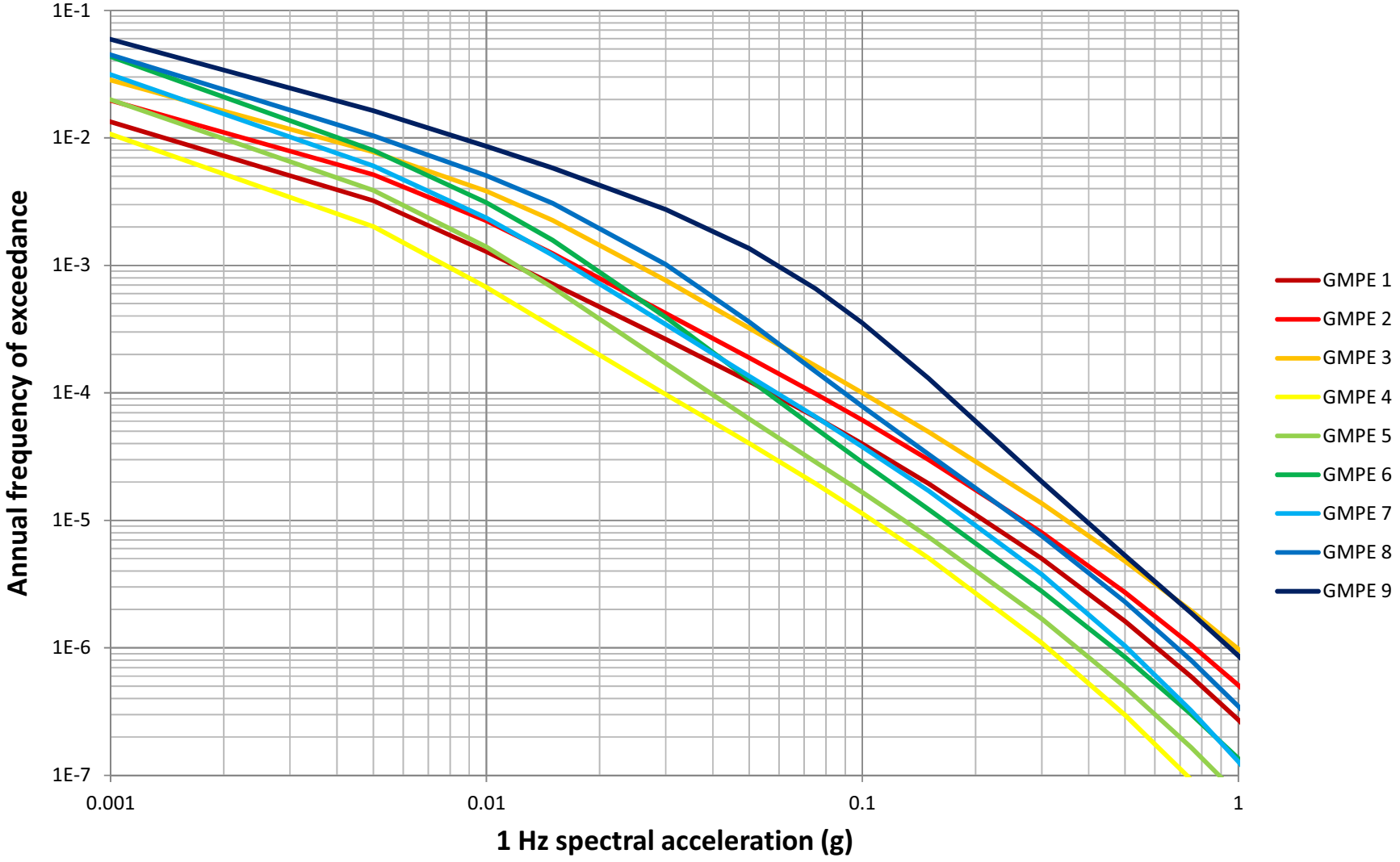
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-242 10 Hz Mean Rock Hazard from Individual Weighted Charleston Sources



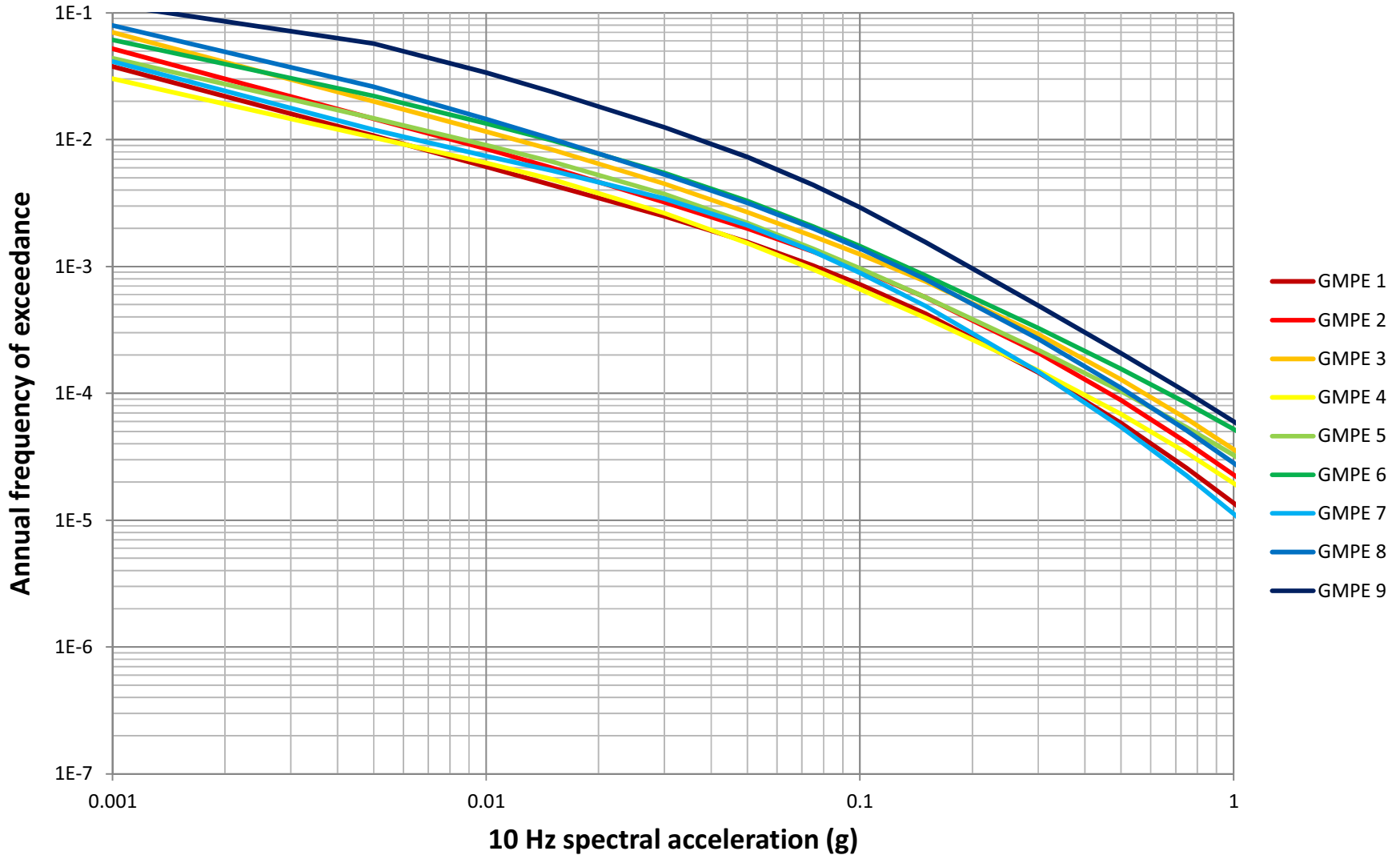
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-243 Unweighted Sensitivity to the 9 EPRI (Background) Ground Motion Prediction Equations, 1 Hz



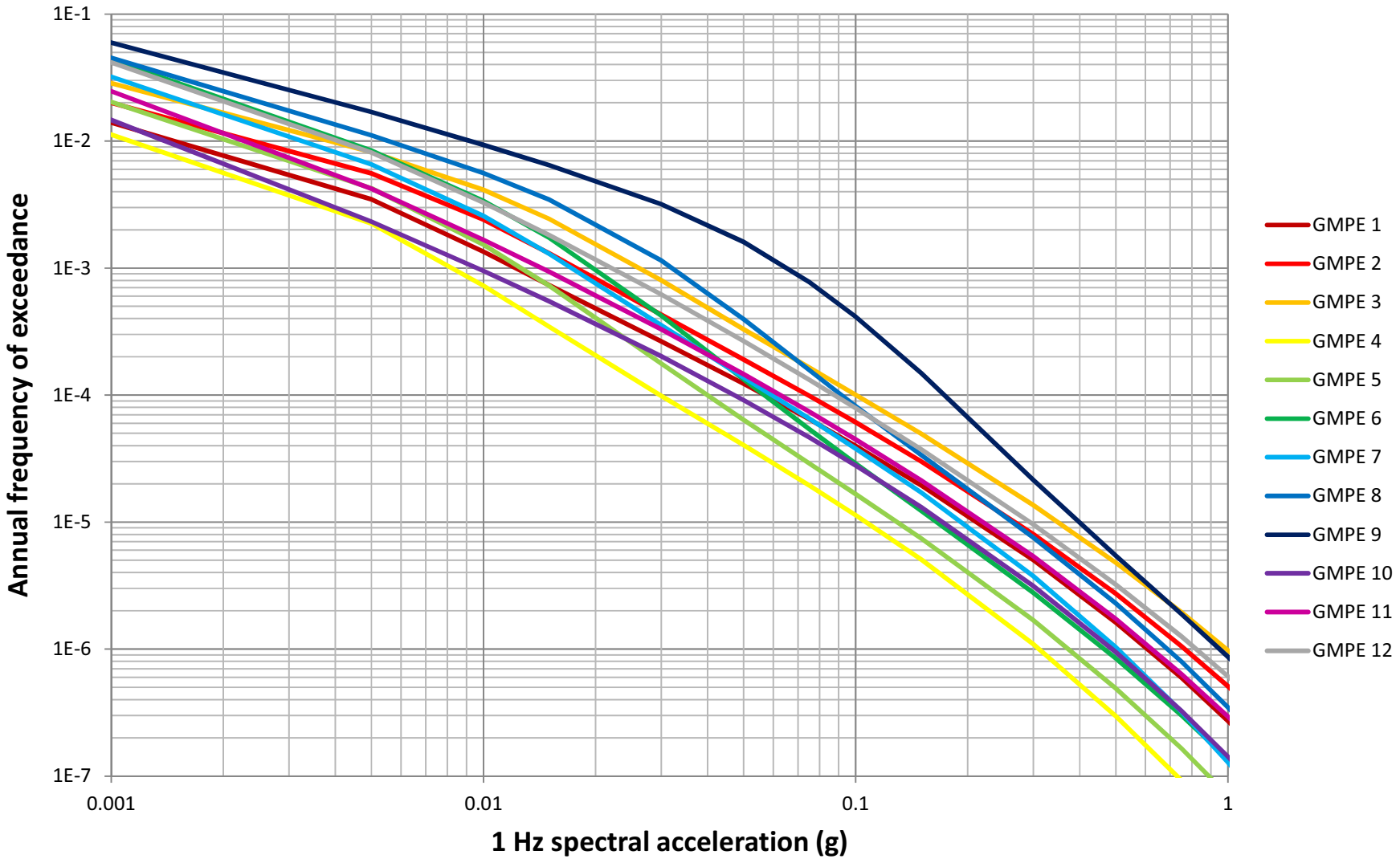
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-244 Unweighted Sensitivity to the 9 EPRI (Background) Ground Motion Prediction Equations, 10 Hz



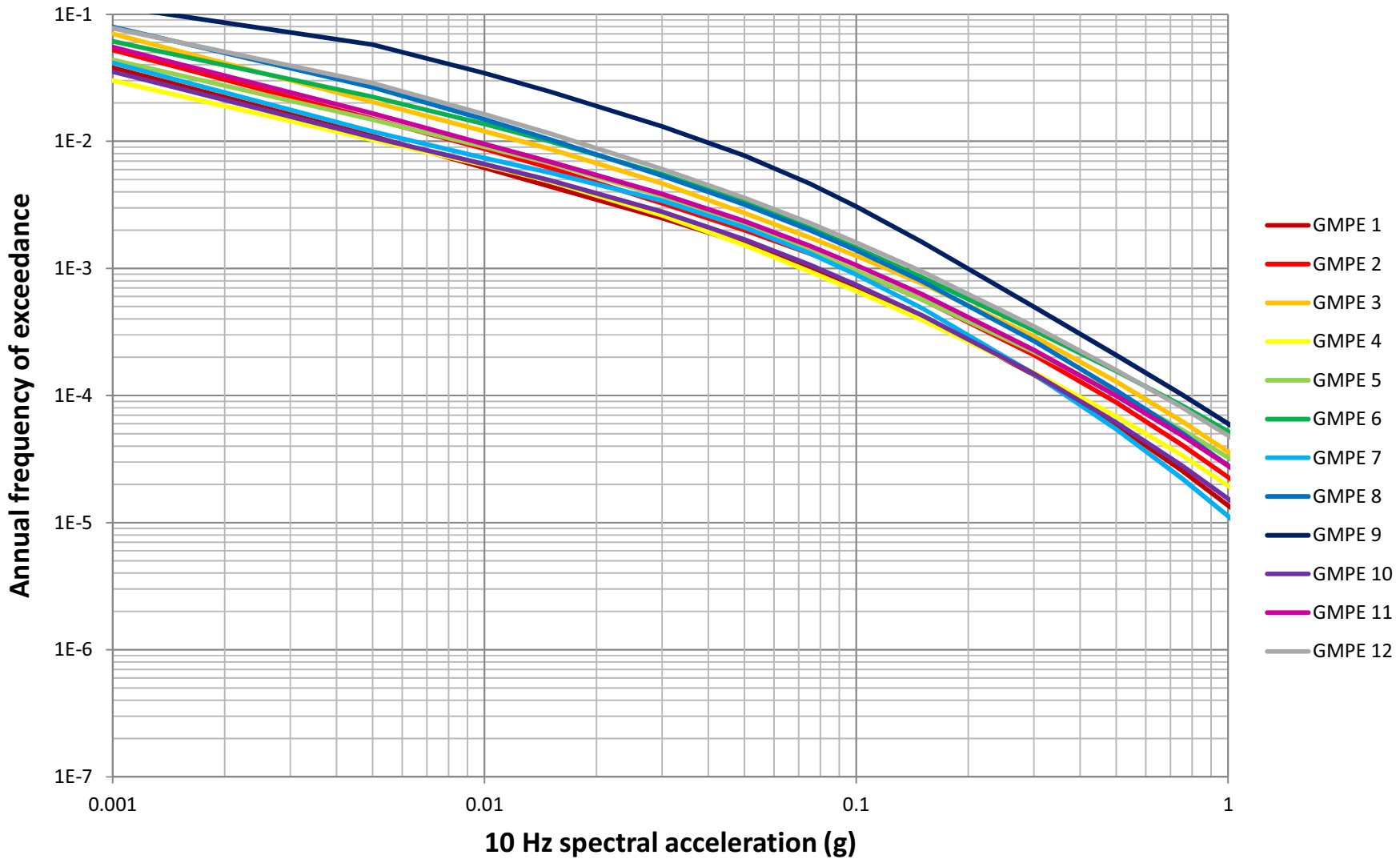
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-245 Unweighted Sensitivity to the 12 EPRI (RLME) Ground Motion Prediction Equations, 1 Hz



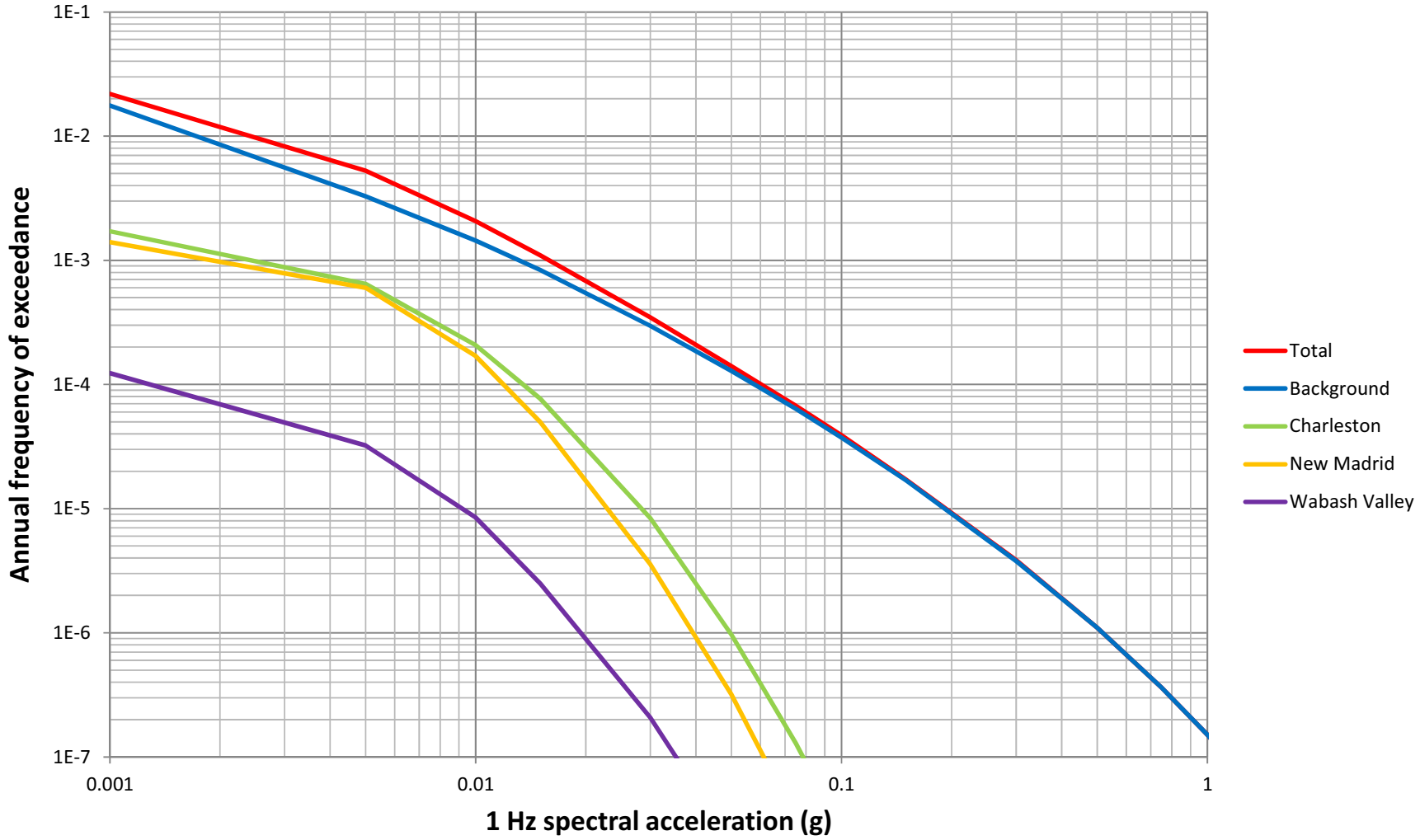
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-246 Unweighted Sensitivity to the 12 EPRI (RLME) Ground Motion Prediction Equations, 10 Hz



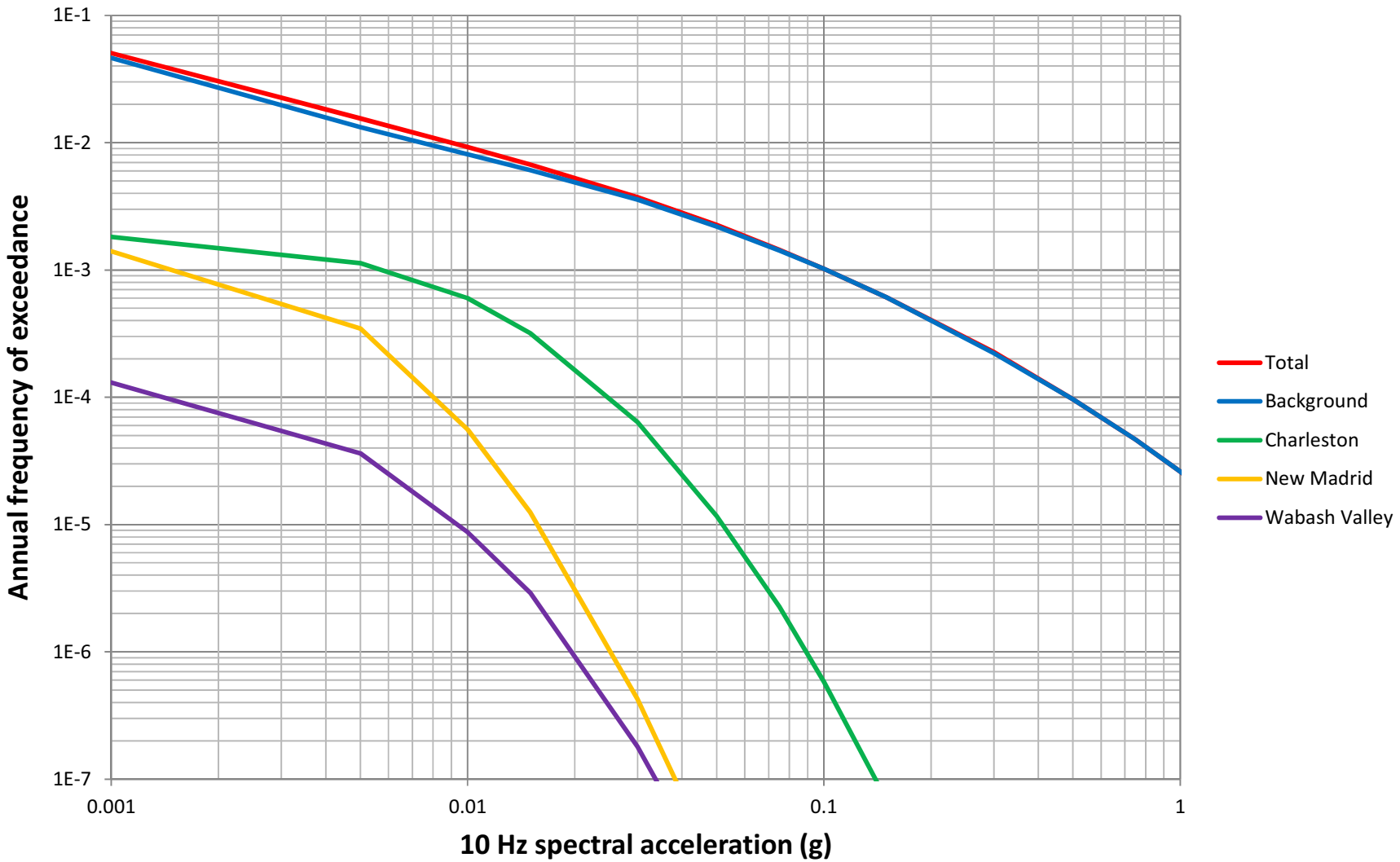
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-247 1 Hz Median Rock Hazard from Background, Charleston, New Madrid and Wabash Valley



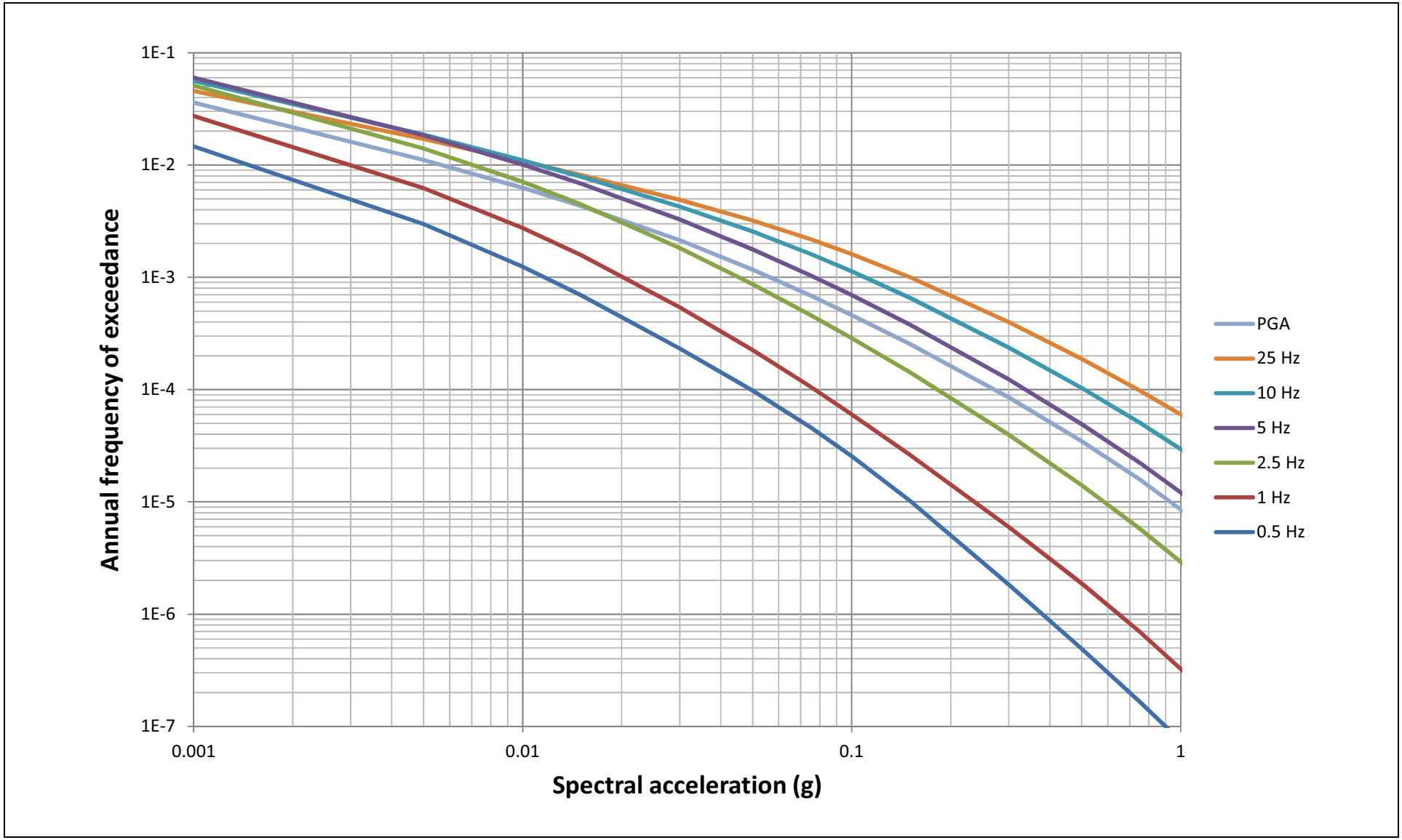
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-248 10 Hz Median Rock Hazard from Background, Charleston, New Madrid and Wabash Valley



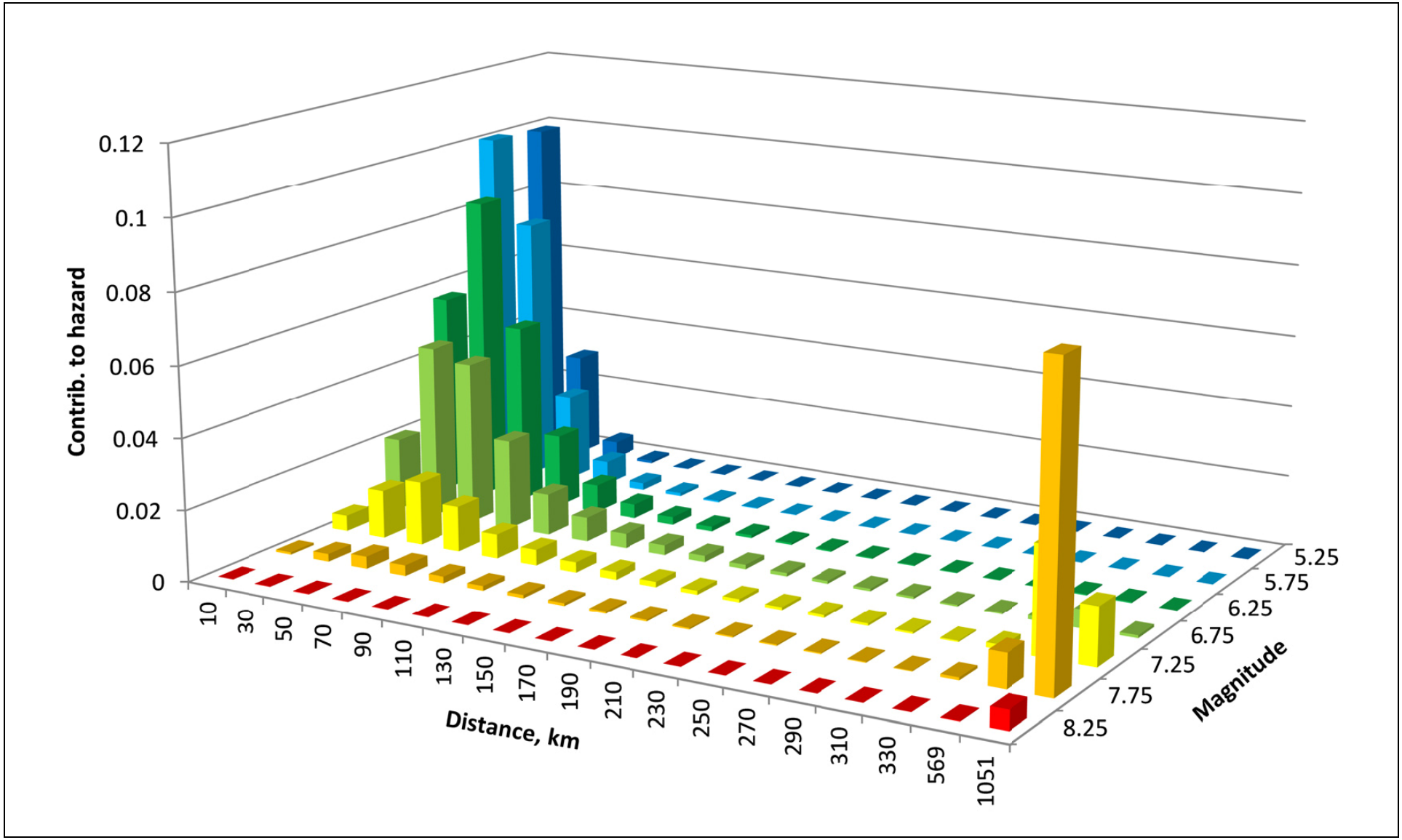
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-249 Mean Total Rock Hazard Curves for 7 Spectral Frequencies



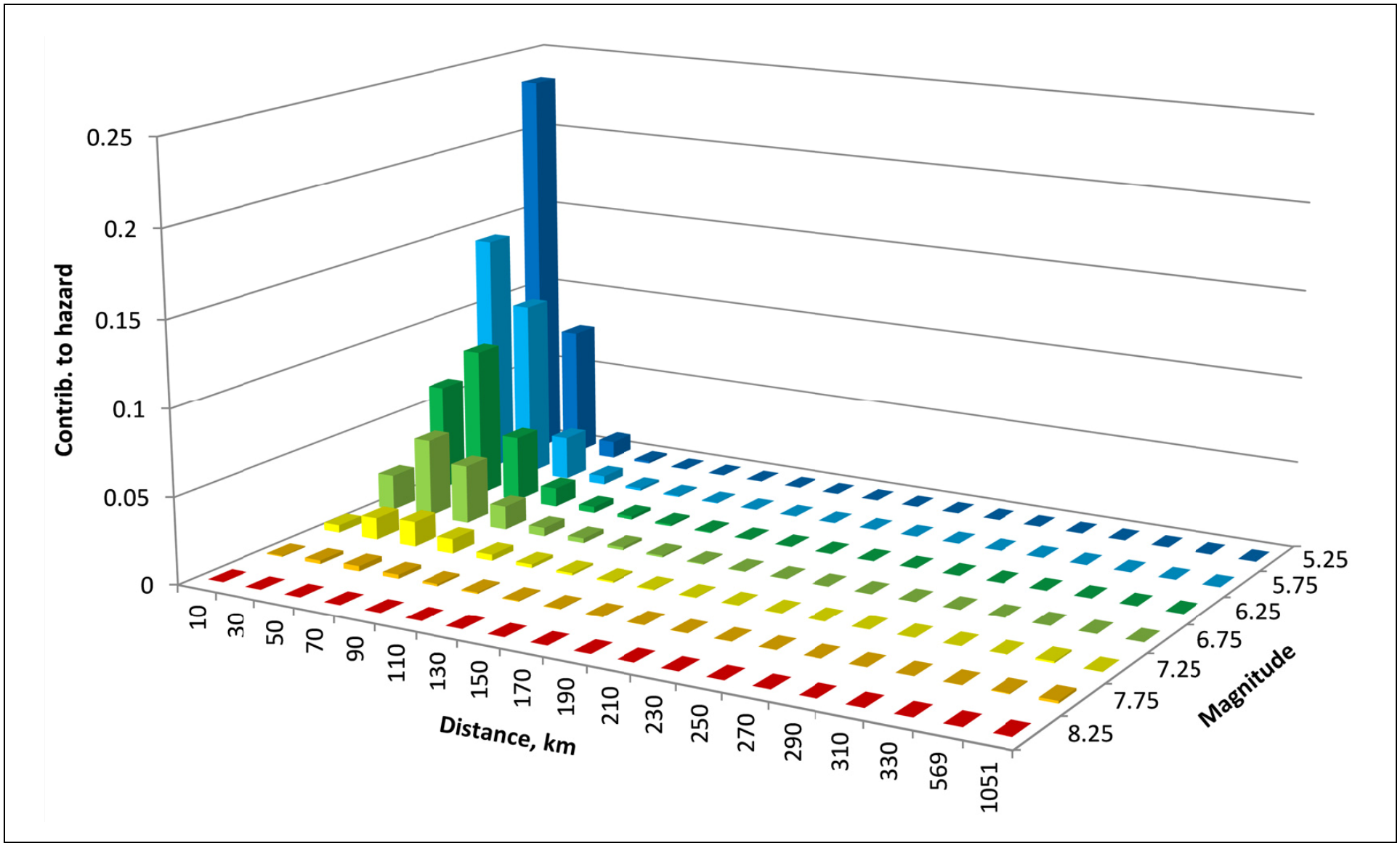
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-250 Mean 10^{-4} Deaggregation Plot for 1 and 2.5 Hz (LF)



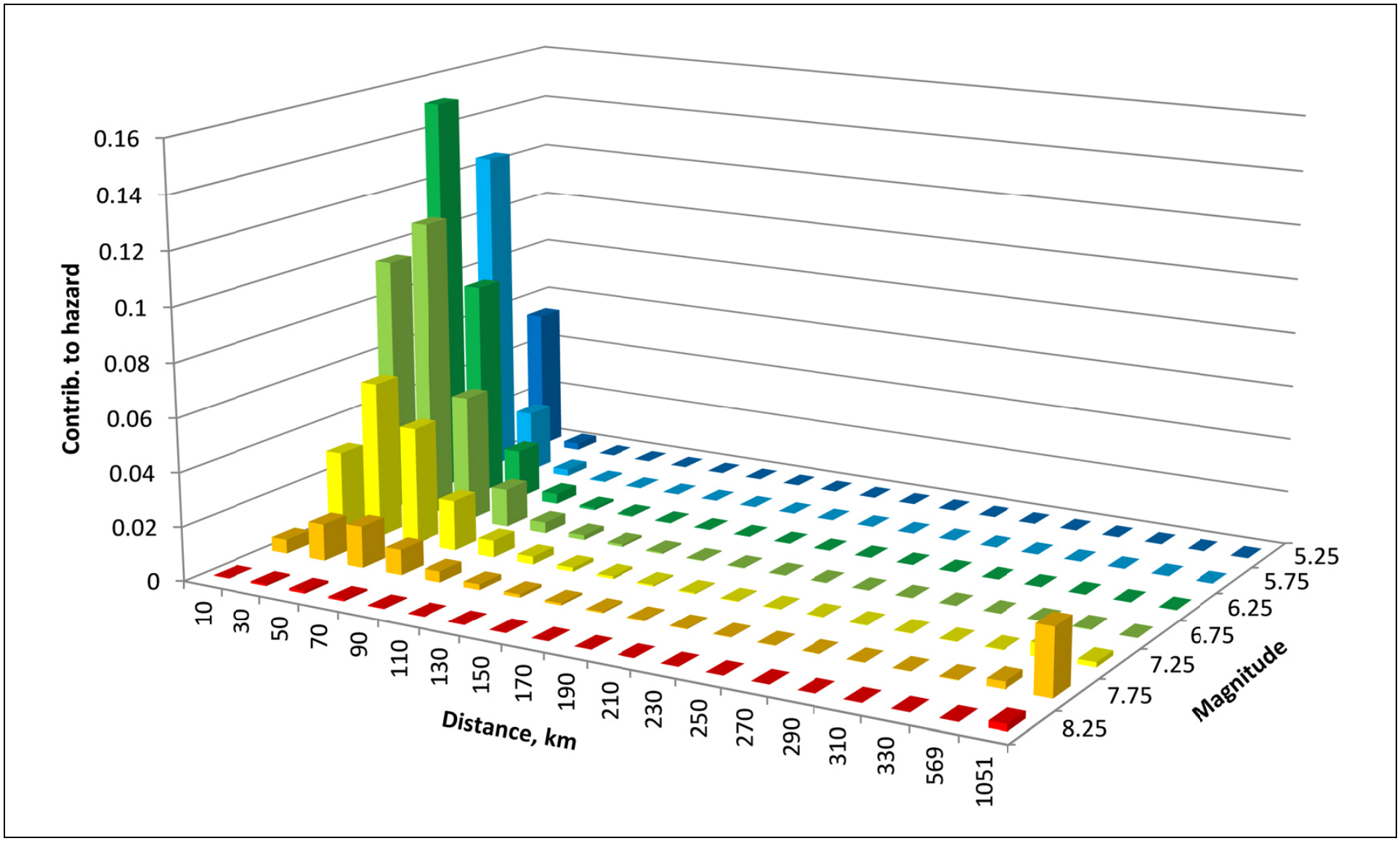
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-251 Mean 10^{-4} Deaggregation Plot for 5 and 10 Hz (HF)



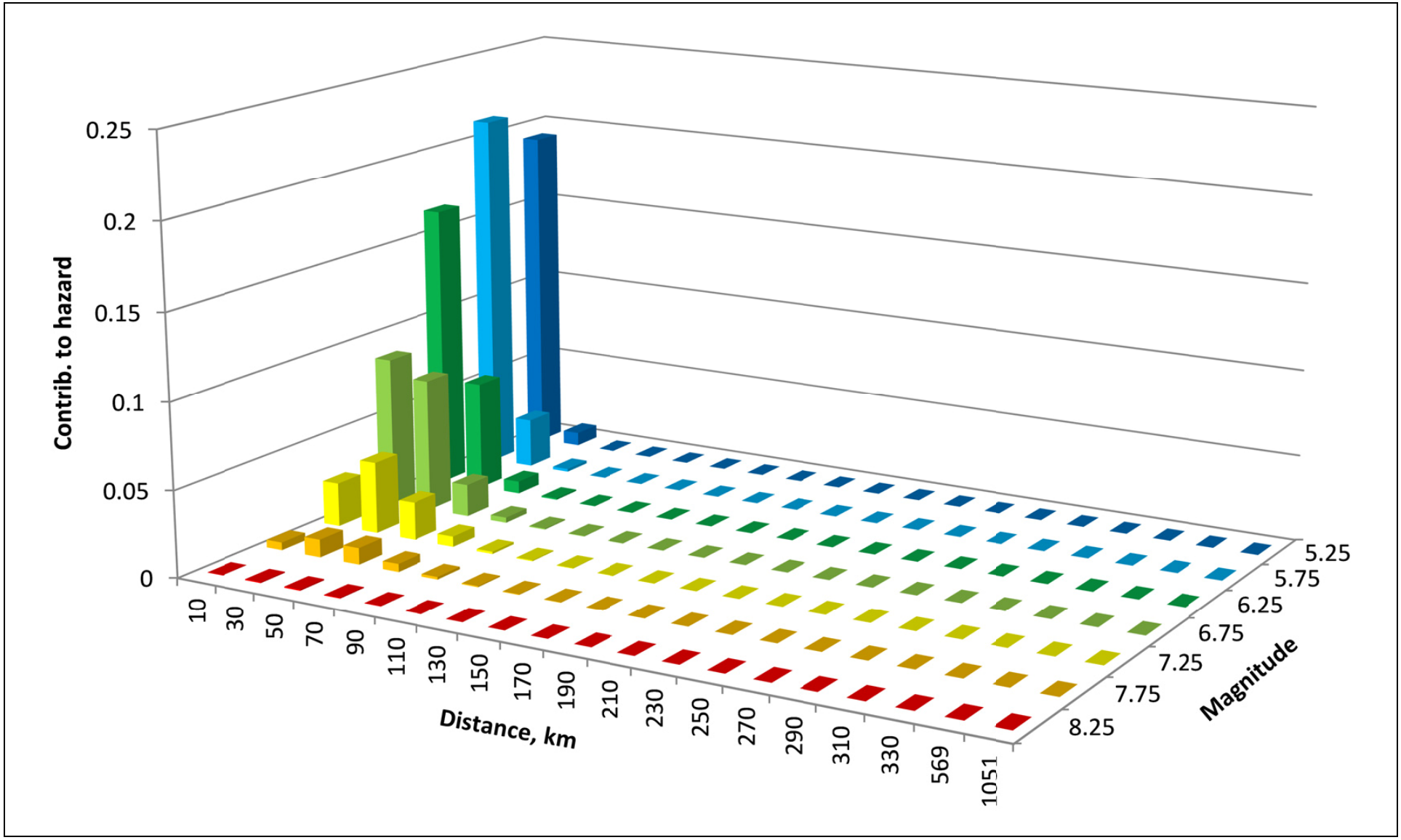
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-252 Mean 10^{-5} Deaggregation Plot for 1 and 2.5 Hz (LF)



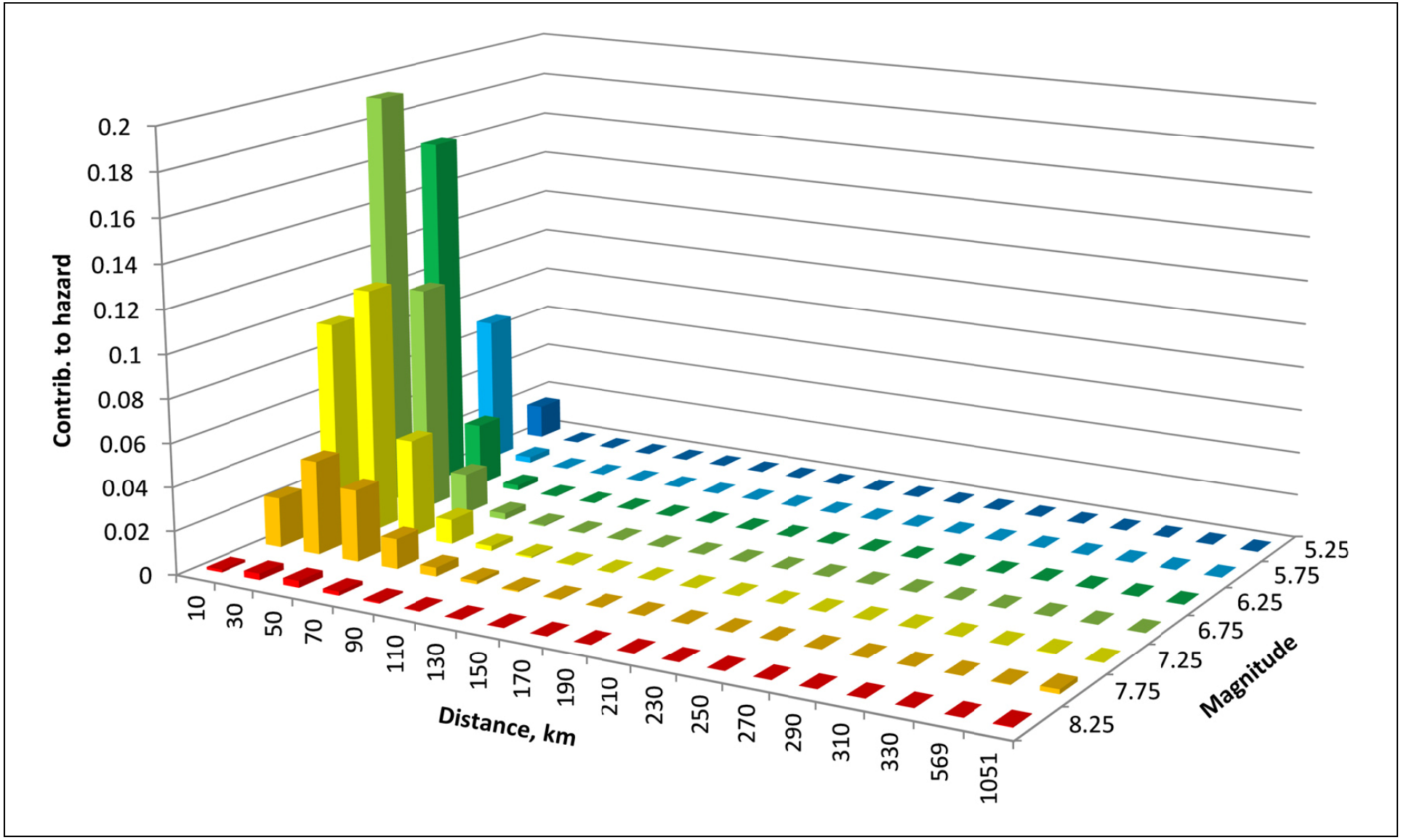
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-253 Mean 10^{-5} Deaggregation Plot for 5 and 10 Hz (HF)



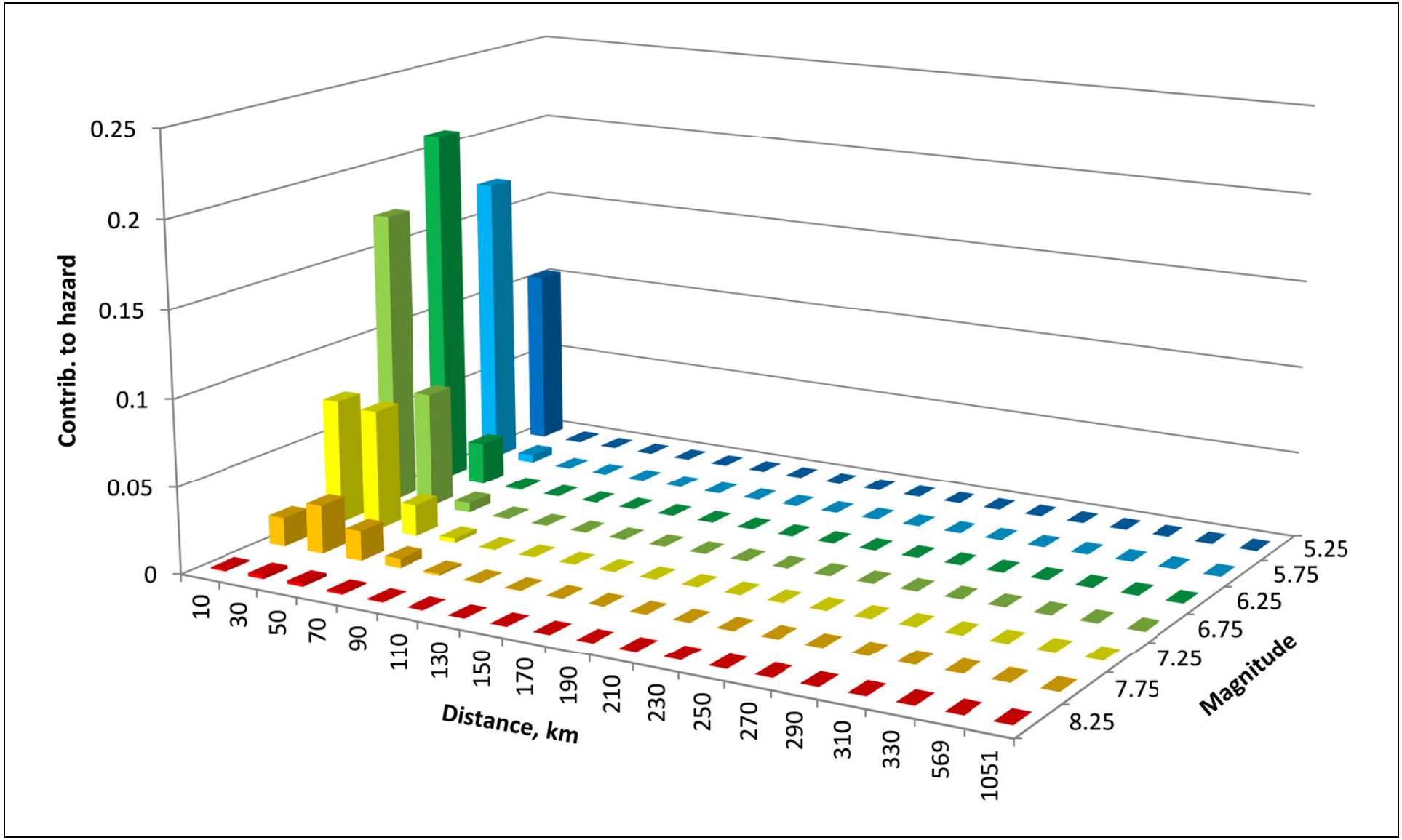
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-254 Mean 10^{-6} Deaggregation Plot for 1 and 2.5 Hz (LF)



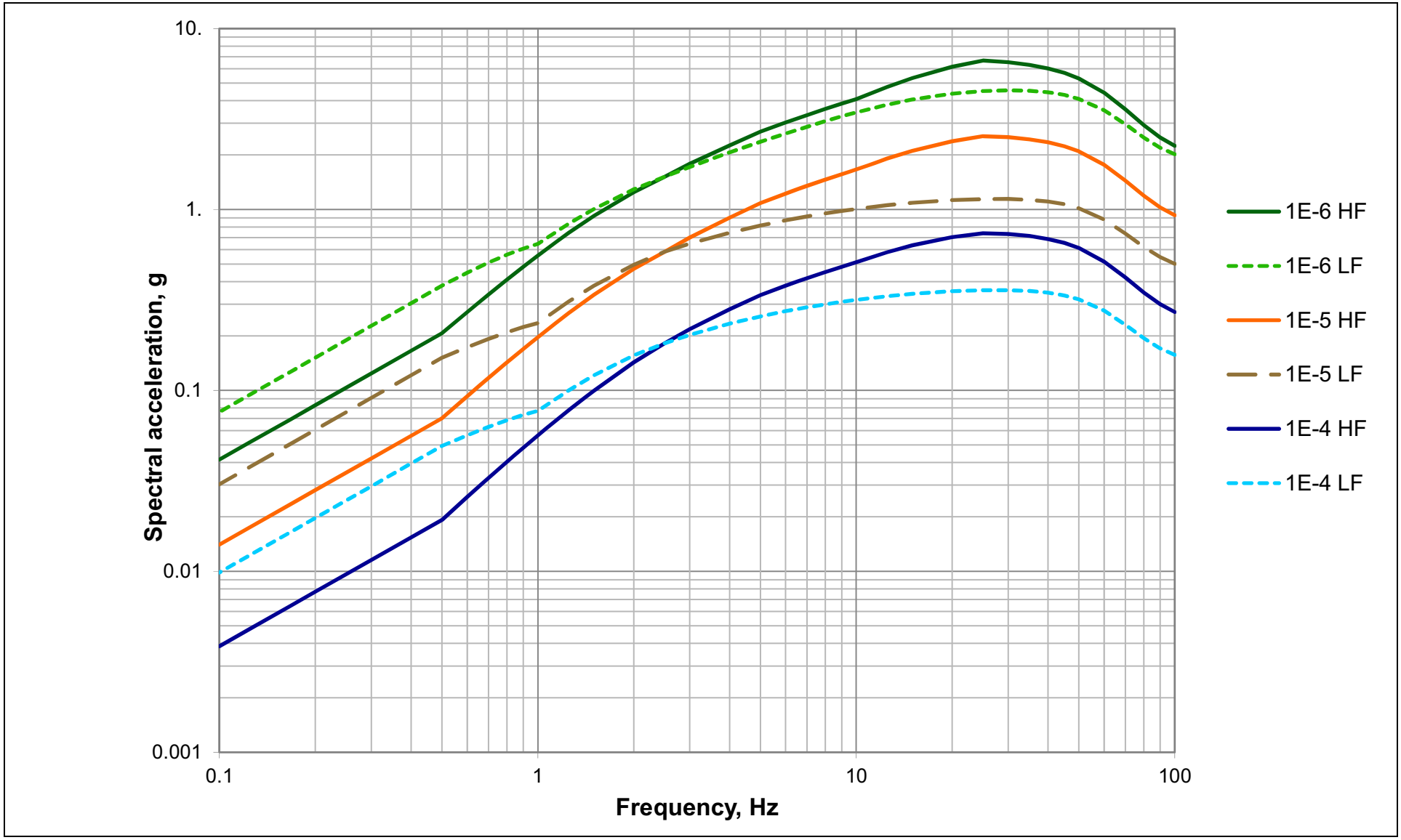
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-255 Mean 10^{-6} Deaggregation Plot for 5 and 10 Hz (HF)



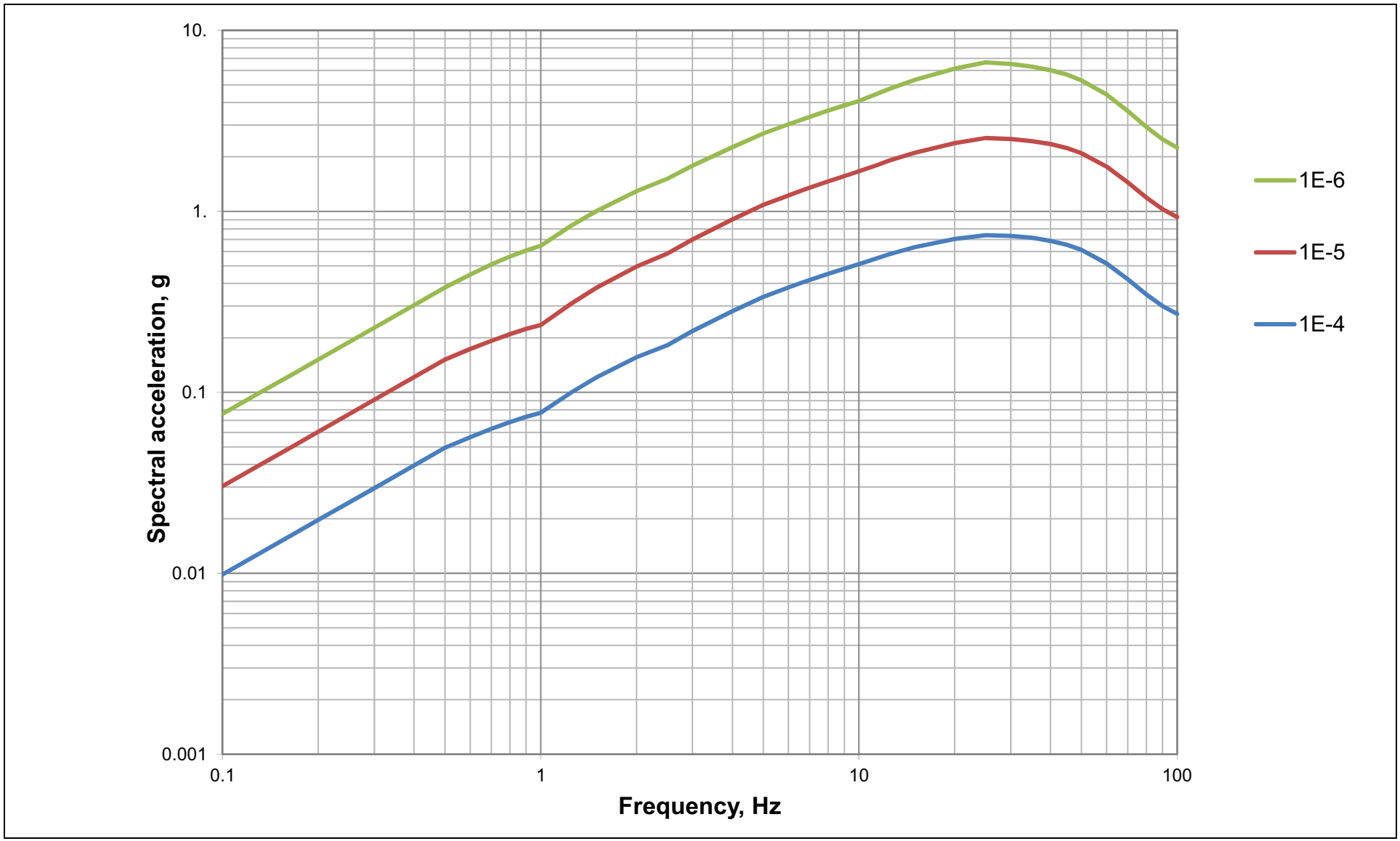
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-256 High and Low Frequency Mean UHRS for MAFEs of 10^{-4}, 10^{-5} and 10^{-6}



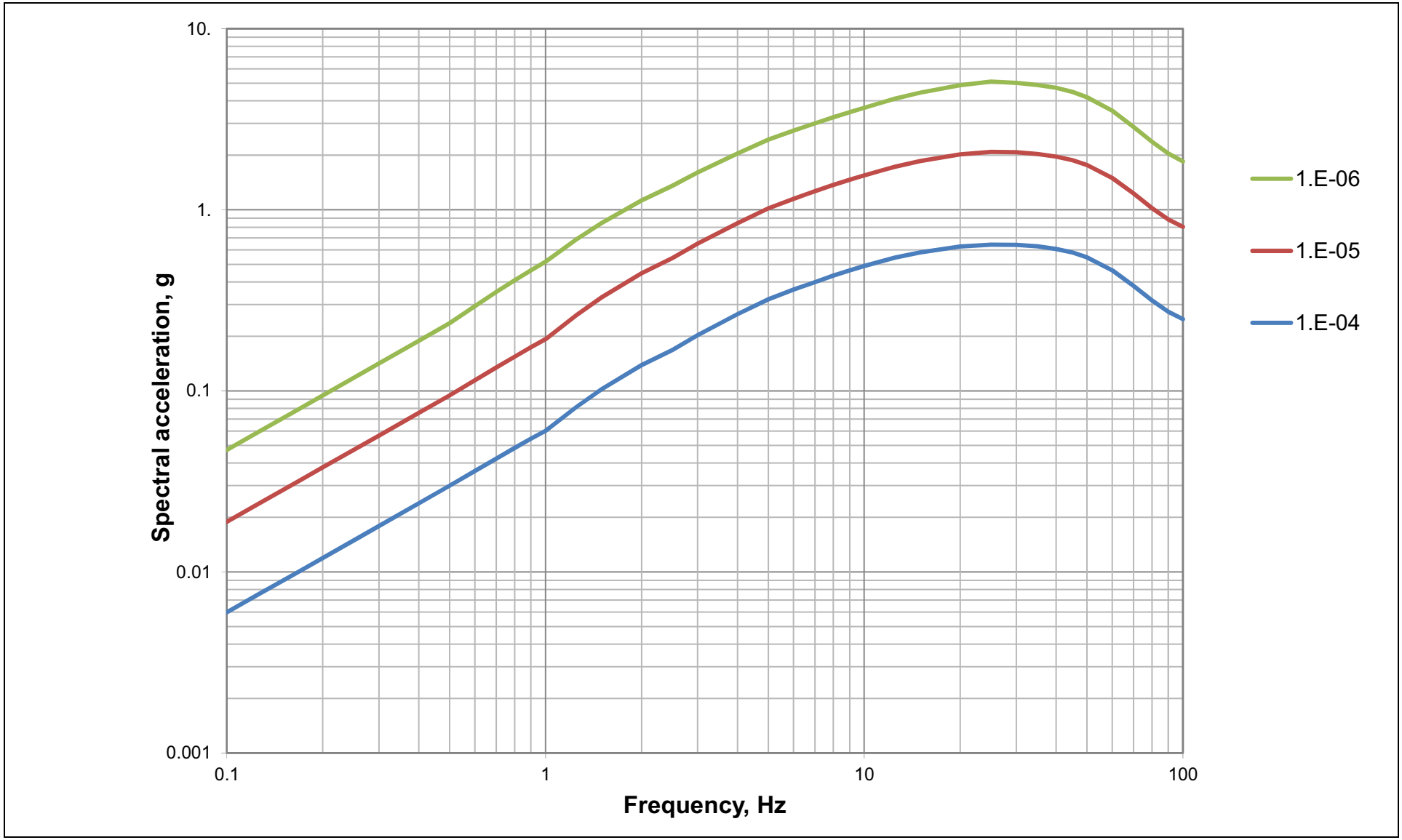
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-257 Mean Rock UHRS for MAFEs of 10^{-4}, 10^{-5} and 10^{-6}

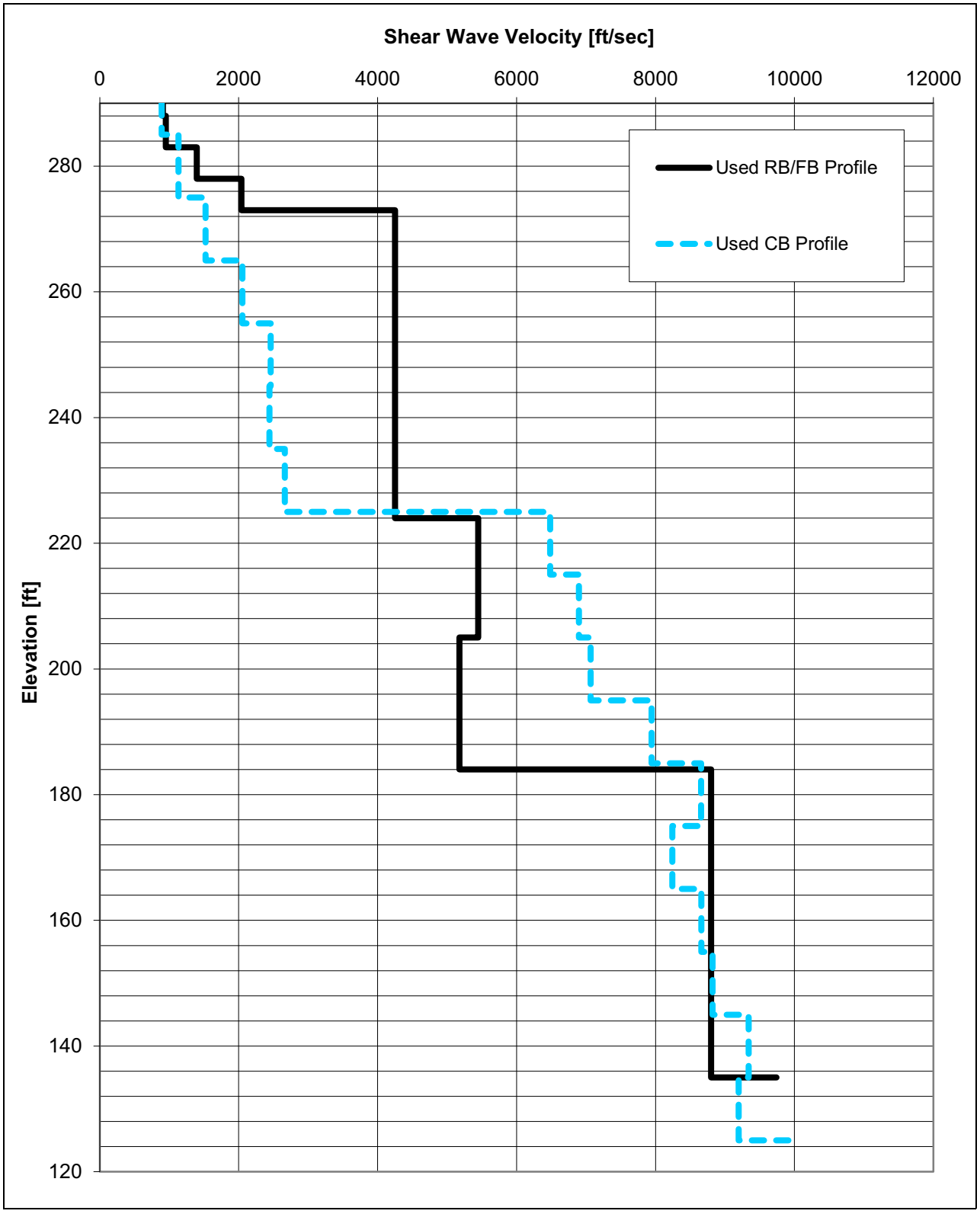


NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

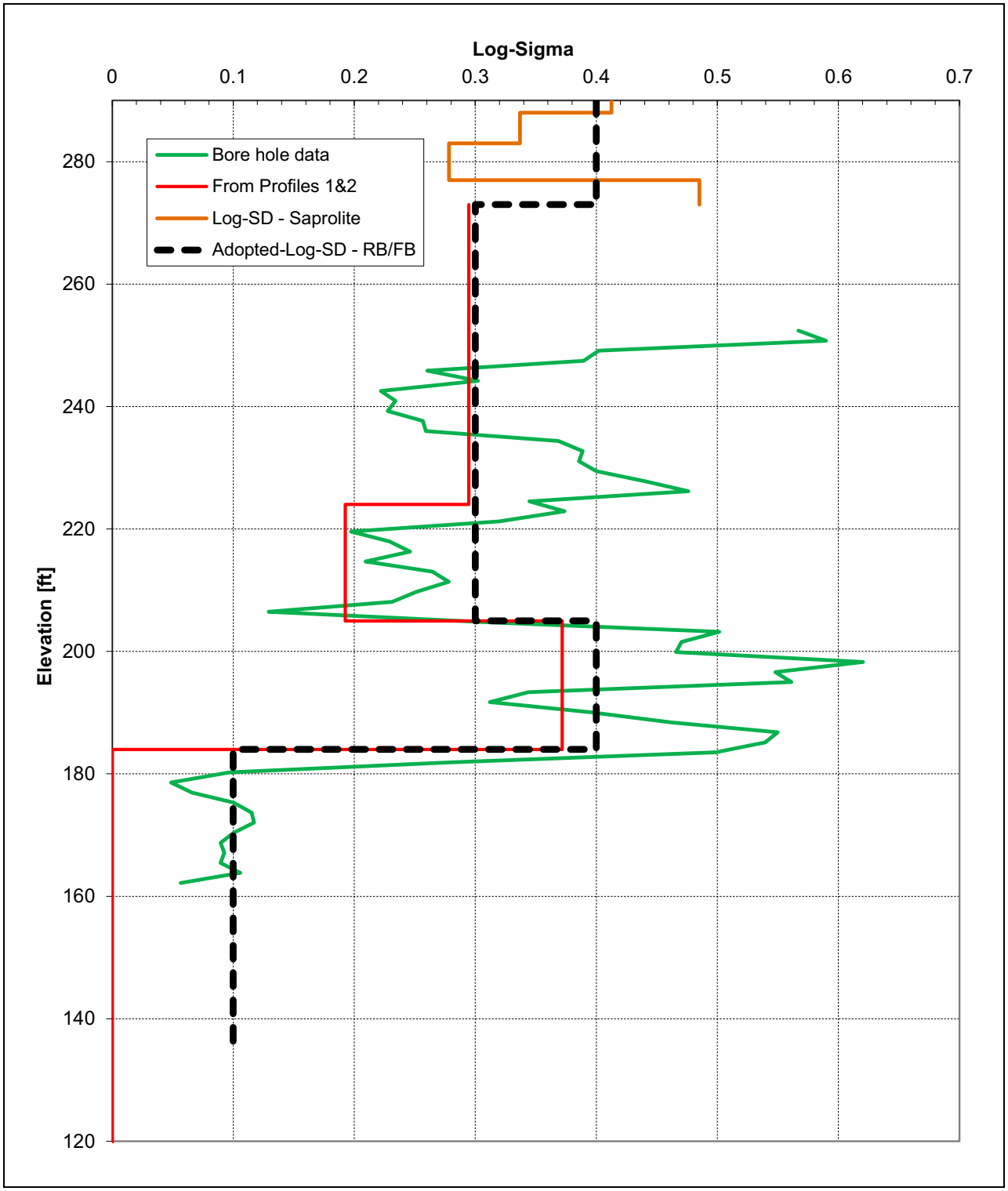
Figure 2.5.2-258 Median Rock UHRS for MAFEs of 10^{-4}, 10^{-5} and 10^{-6}



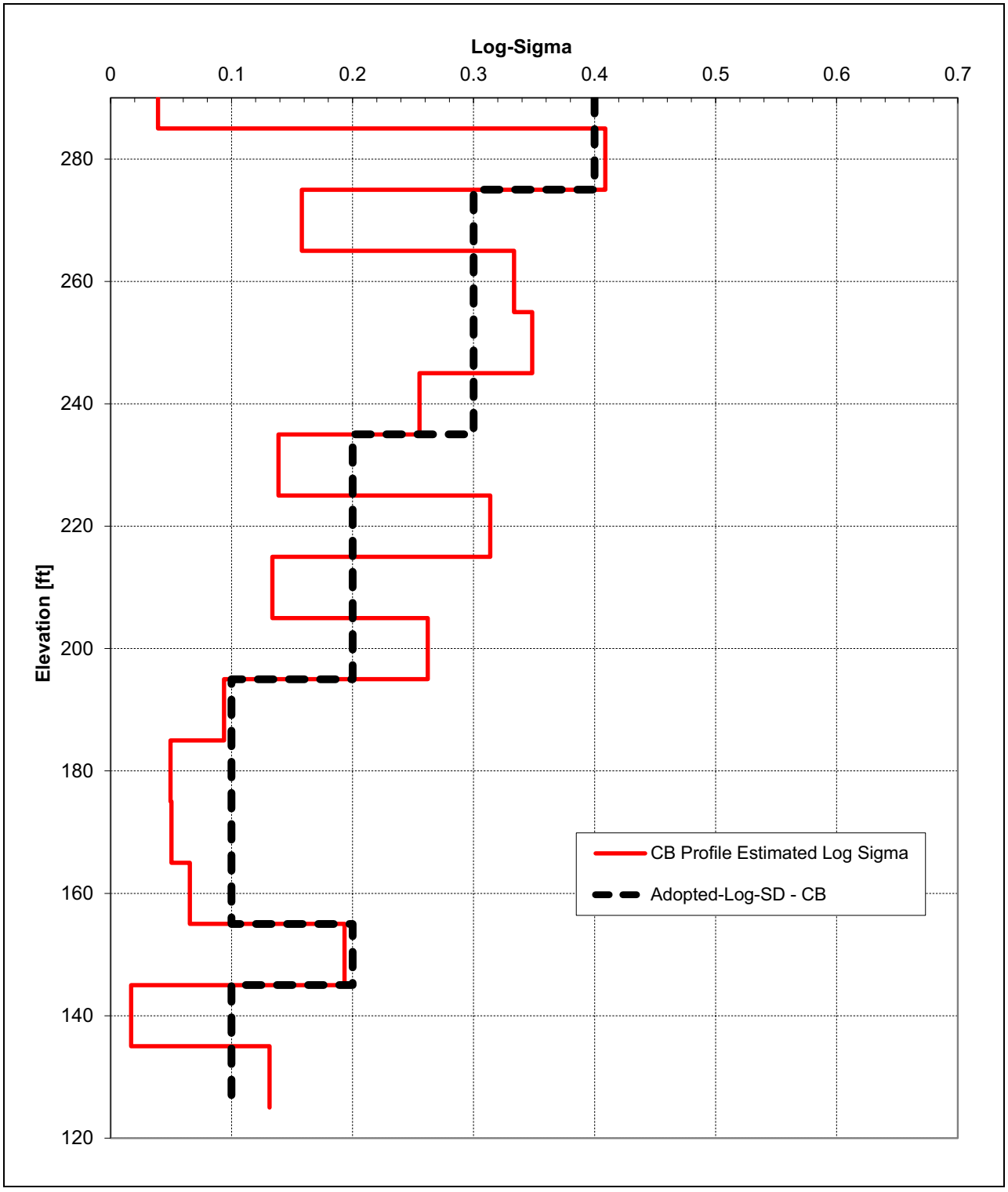
NAPS COL 2.0-27-A **Figure 2.5.2-259 Best Estimate Shear-Wave Velocity Profile for RB/FB and CB Soil Columns**



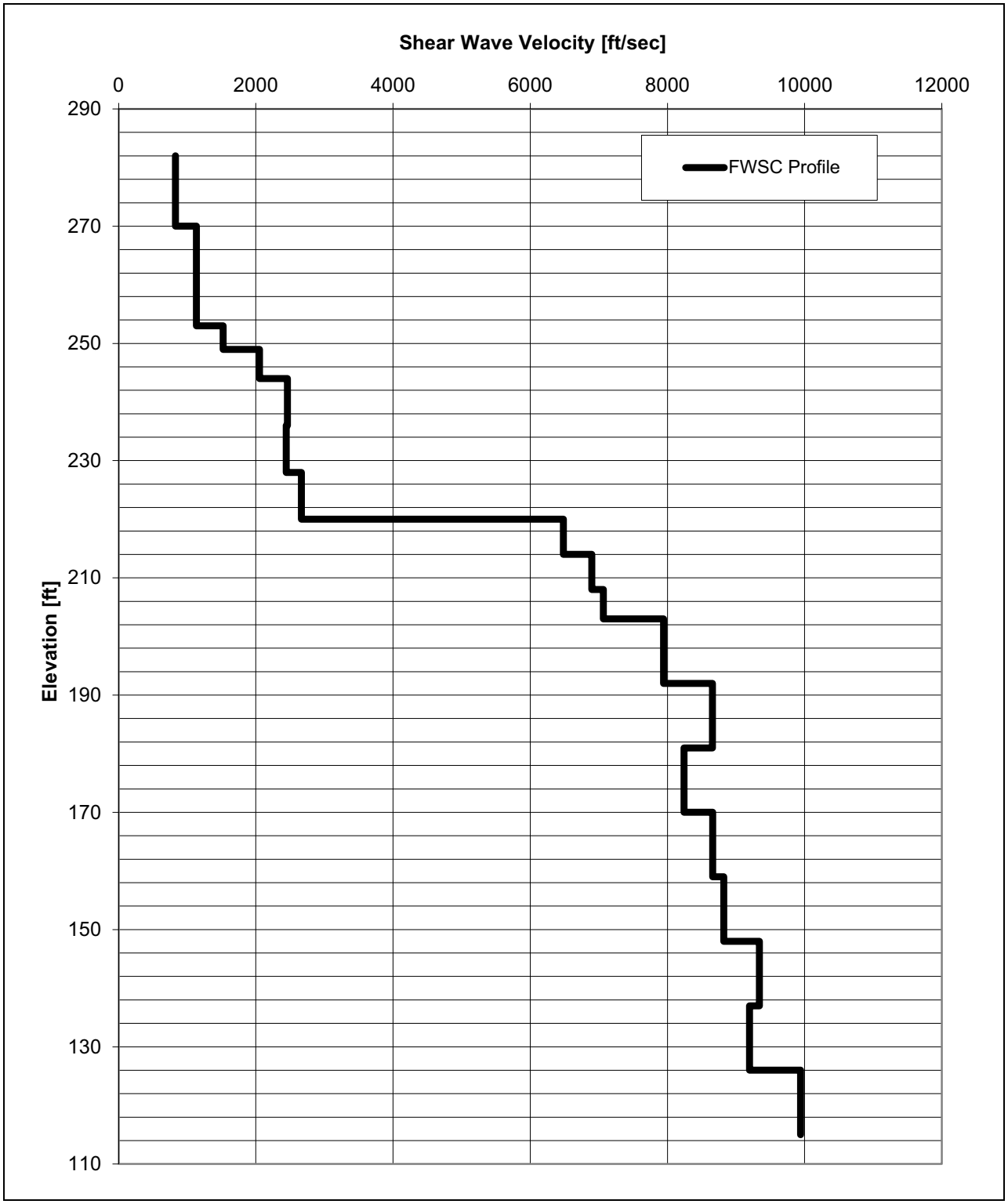
NAPS COL 2.0-27-A **Figure 2.5.2-260 Logarithmic Standard Deviation for the RB/FB Shear-Wave Velocity Profile**



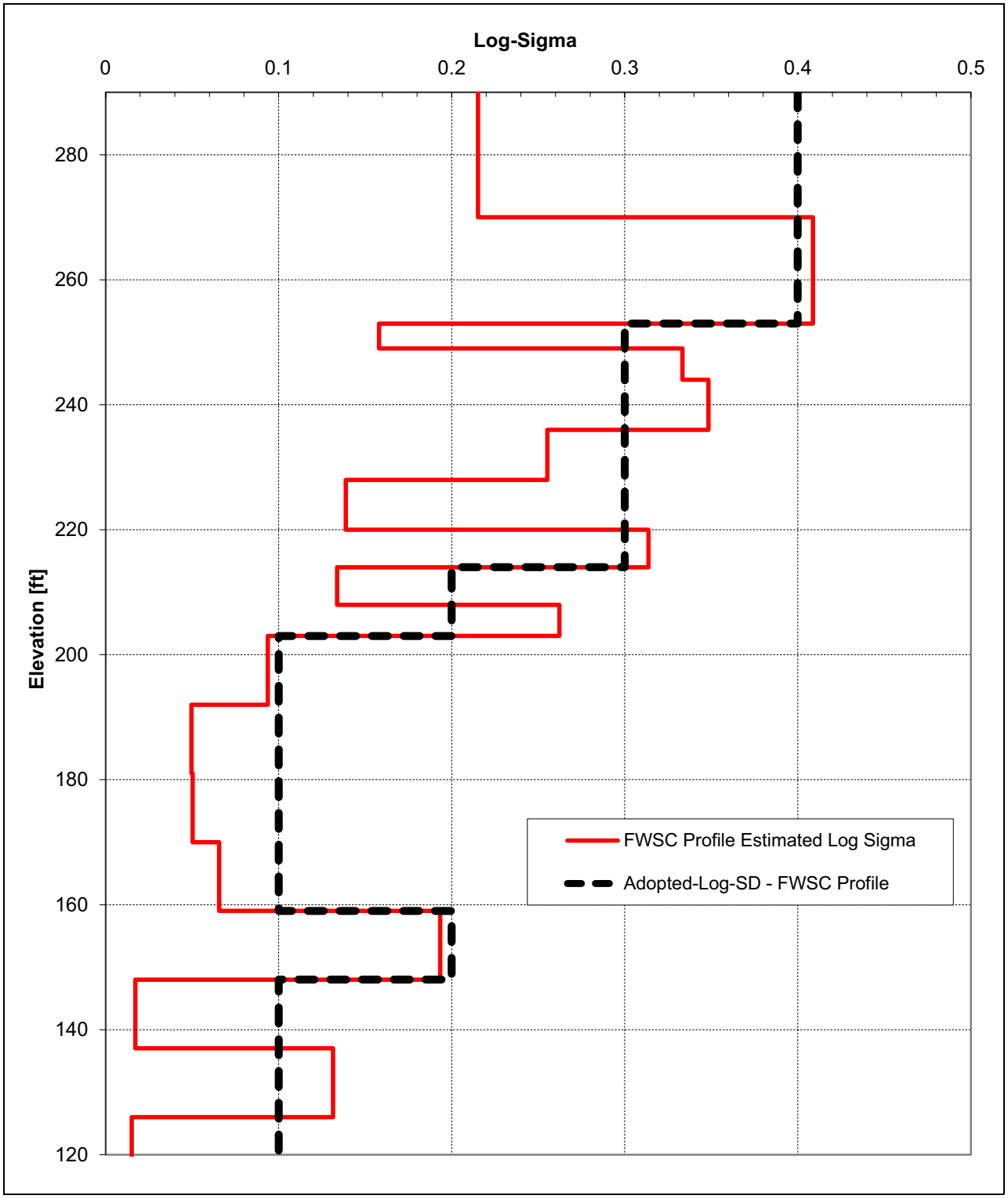
NAPS COL 2.0-27-A **Figure 2.5.2-261 Logarithmic Standard Deviation for the CB Shear-Wave Velocity Profile**



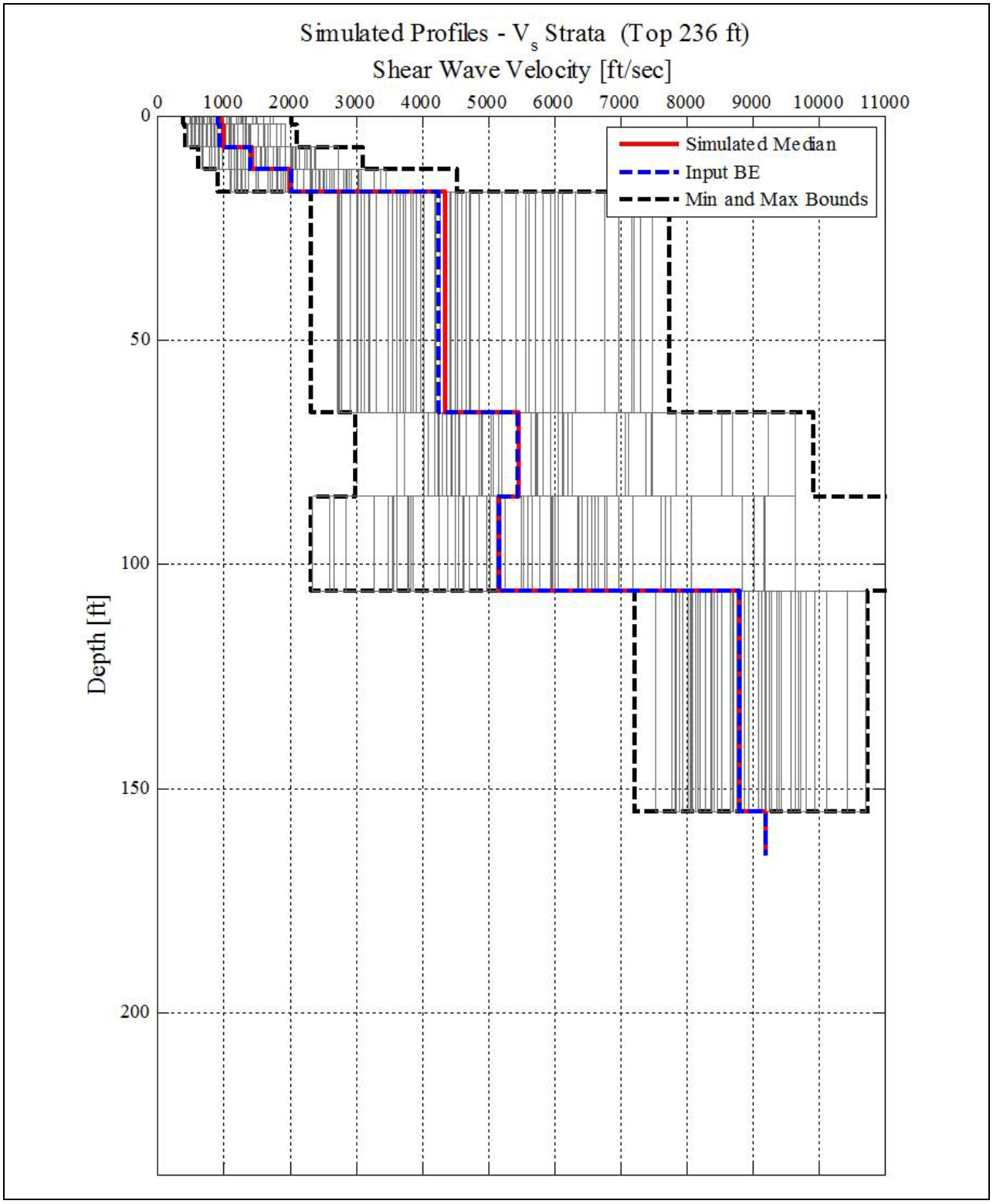
NAPS COL 2.0-27-A **Figure 2.5.2-262 Best Estimate Shear-Wave Velocity Profile for FWSC Soil Column**



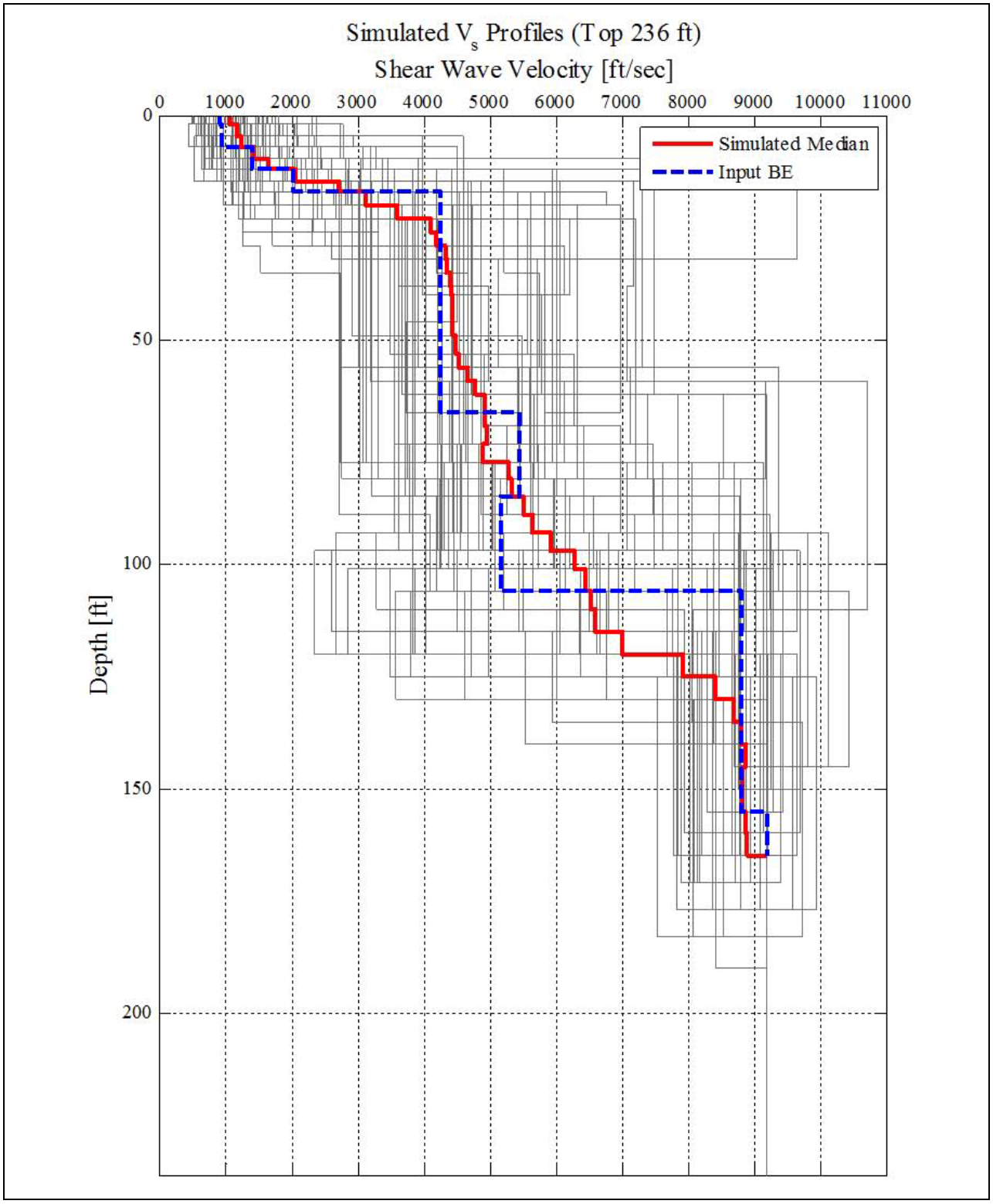
NAPS COL 2.0-27-A **Figure 2.5.2-263 Logarithmic Standard Deviation for the FWSC Shear-Wave Velocity Profile**



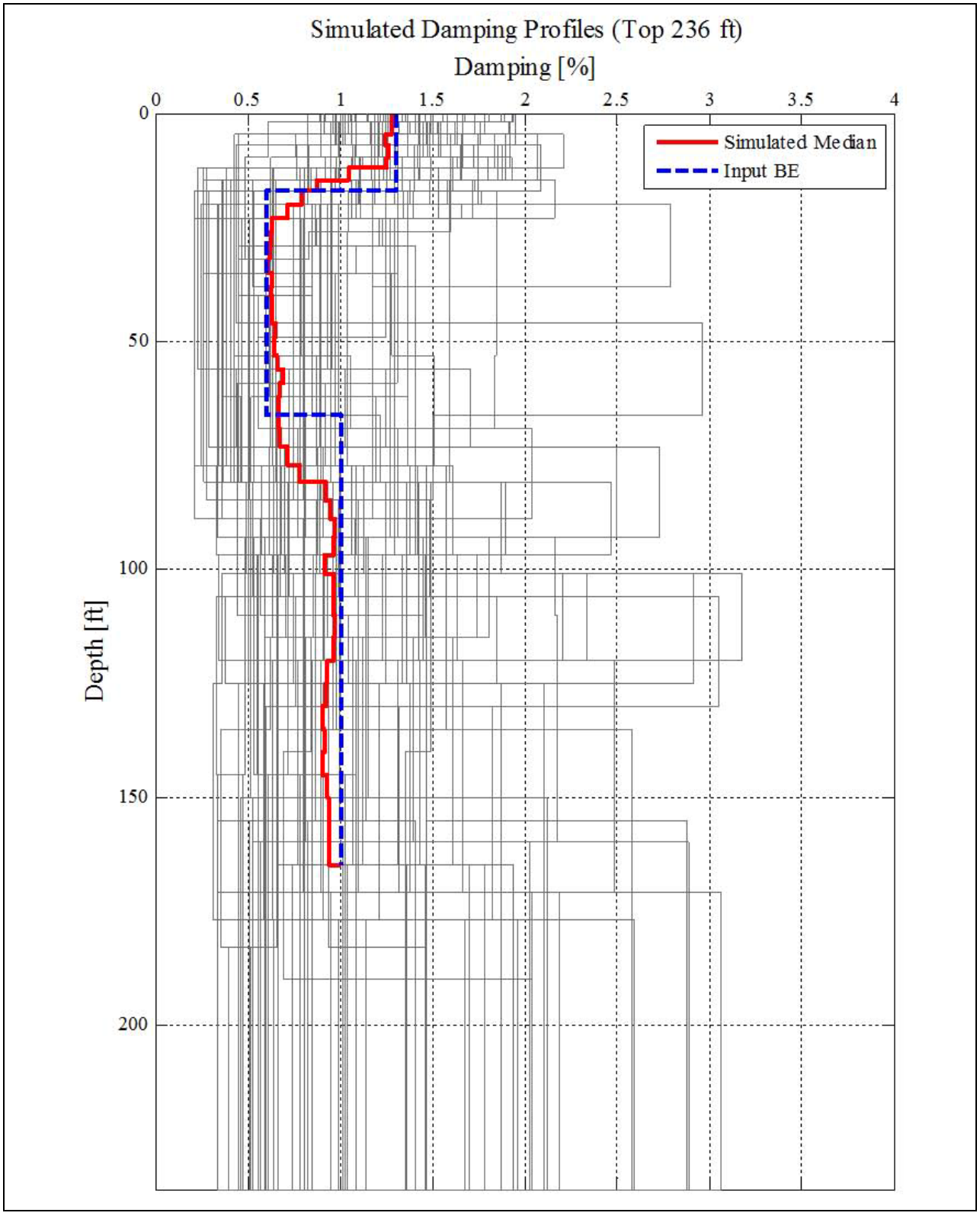
NAPS COL 2.0-27-A **Figure 2.5.2-264 Low-Strain Shear-Wave Velocity for 60 Simulated Profiles for RB/FB Soil Column Not Including Thickness Variation (Half-Space at V_S =9,200 ft/s)**



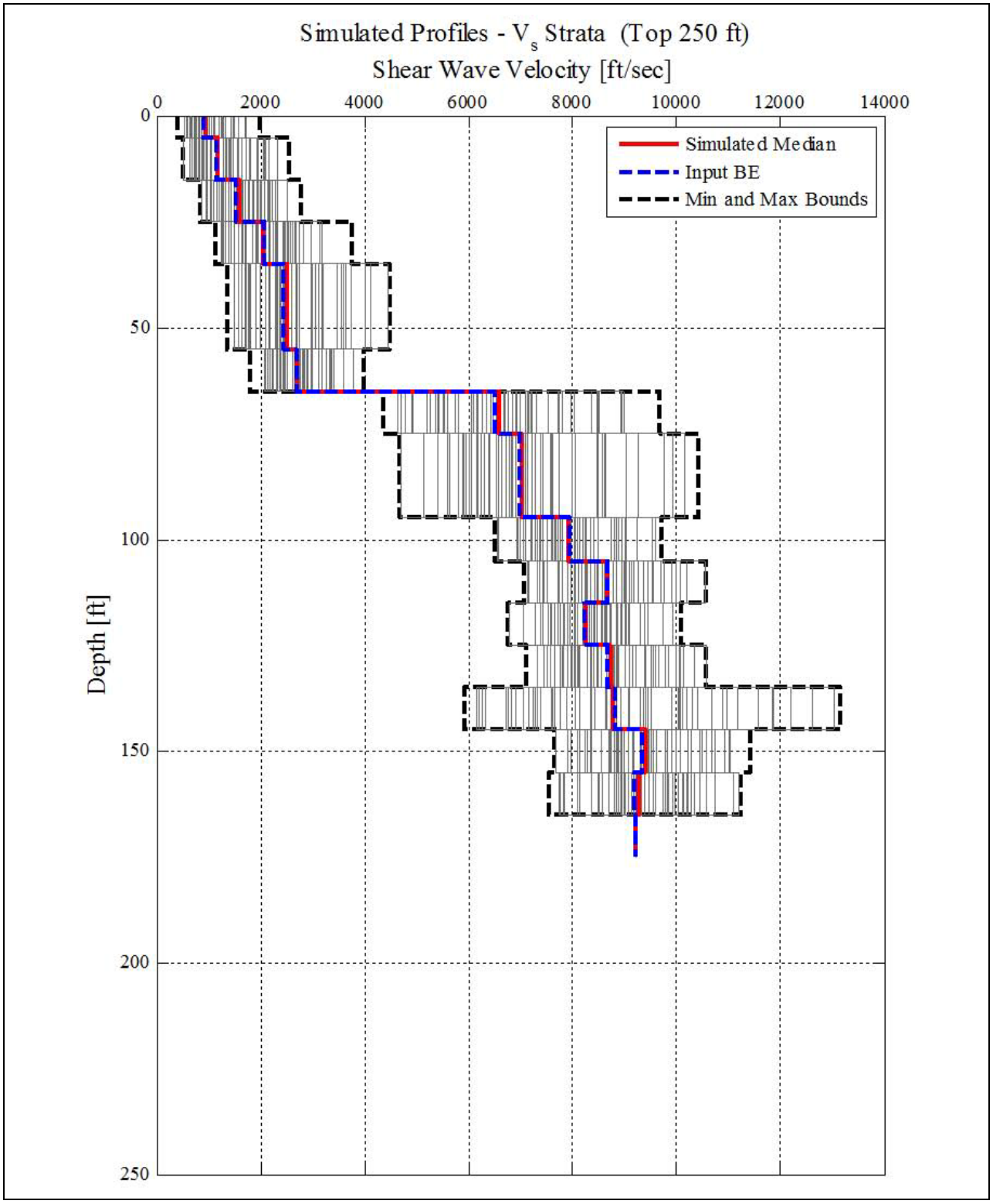
NAPS COL 2.0-27-A **Figure 2.5.2-265 Low-Strain Shear-Wave Velocity for 60 Simulated Profiles for RB/FB Soil Column Including Thickness Variation (Half-Space at V_S =9,200 ft/s)**



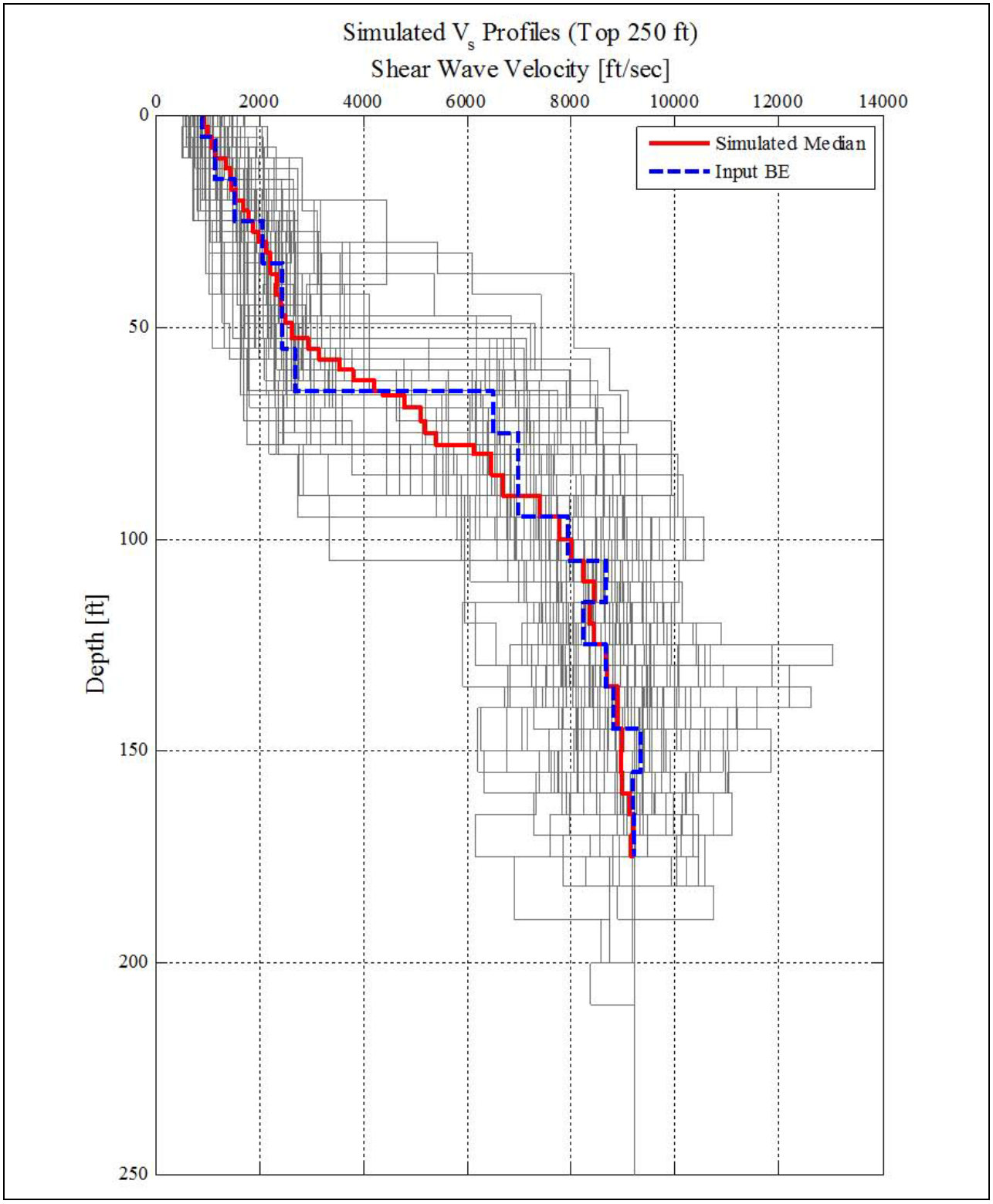
NAPS COL 2.0-27-A **Figure 2.5.2-266 Low-Strain Damping Ratio for 60 Simulated Profiles for RB/FB Soil Column**



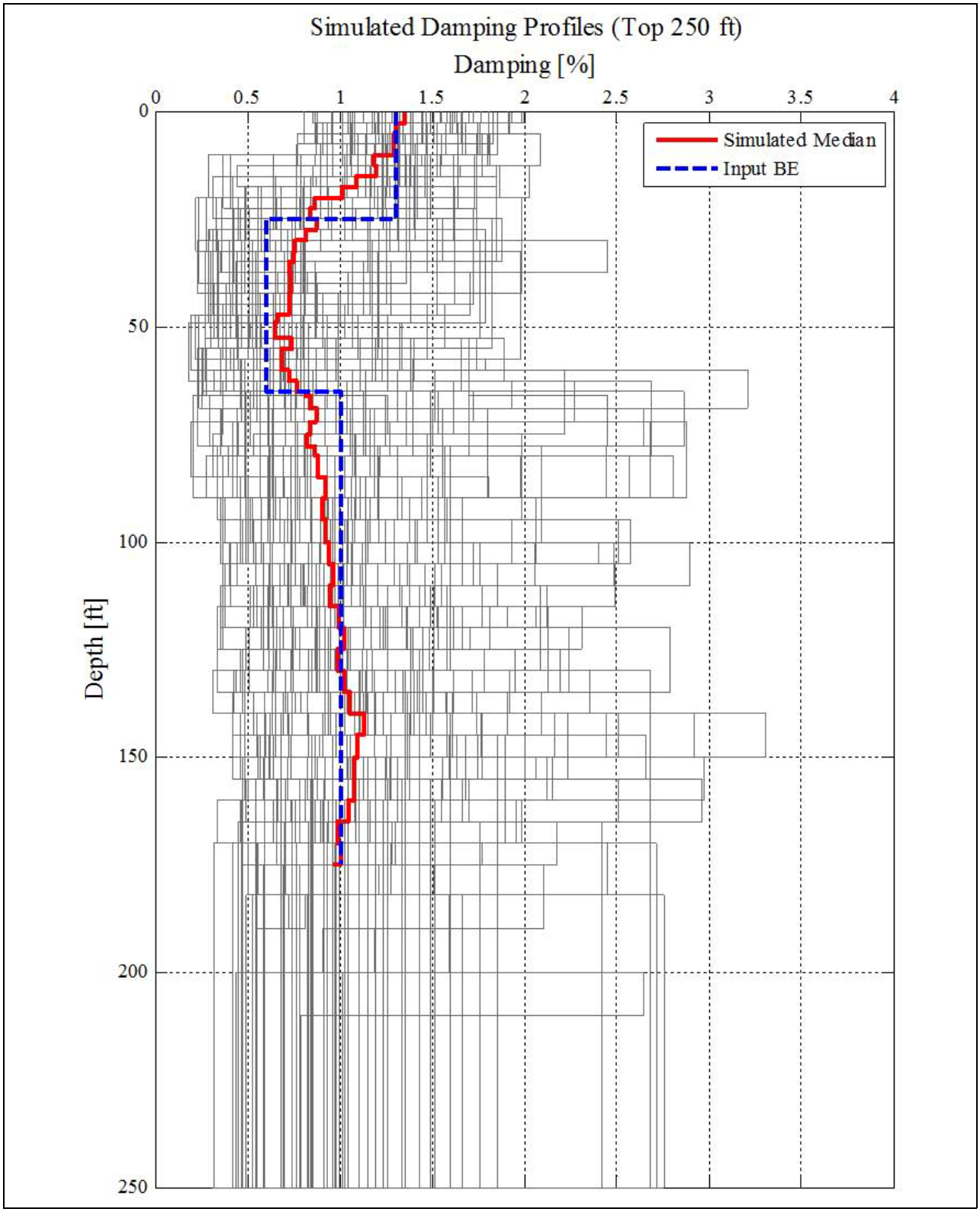
NAPS COL 2.0-27-A **Figure 2.5.2-267 Low-Strain Shear-Wave Velocity for 60 Simulated Profiles for CB Soil Column Not Including Thickness Variation (Half-Space at V_S =9,200 ft/s)**



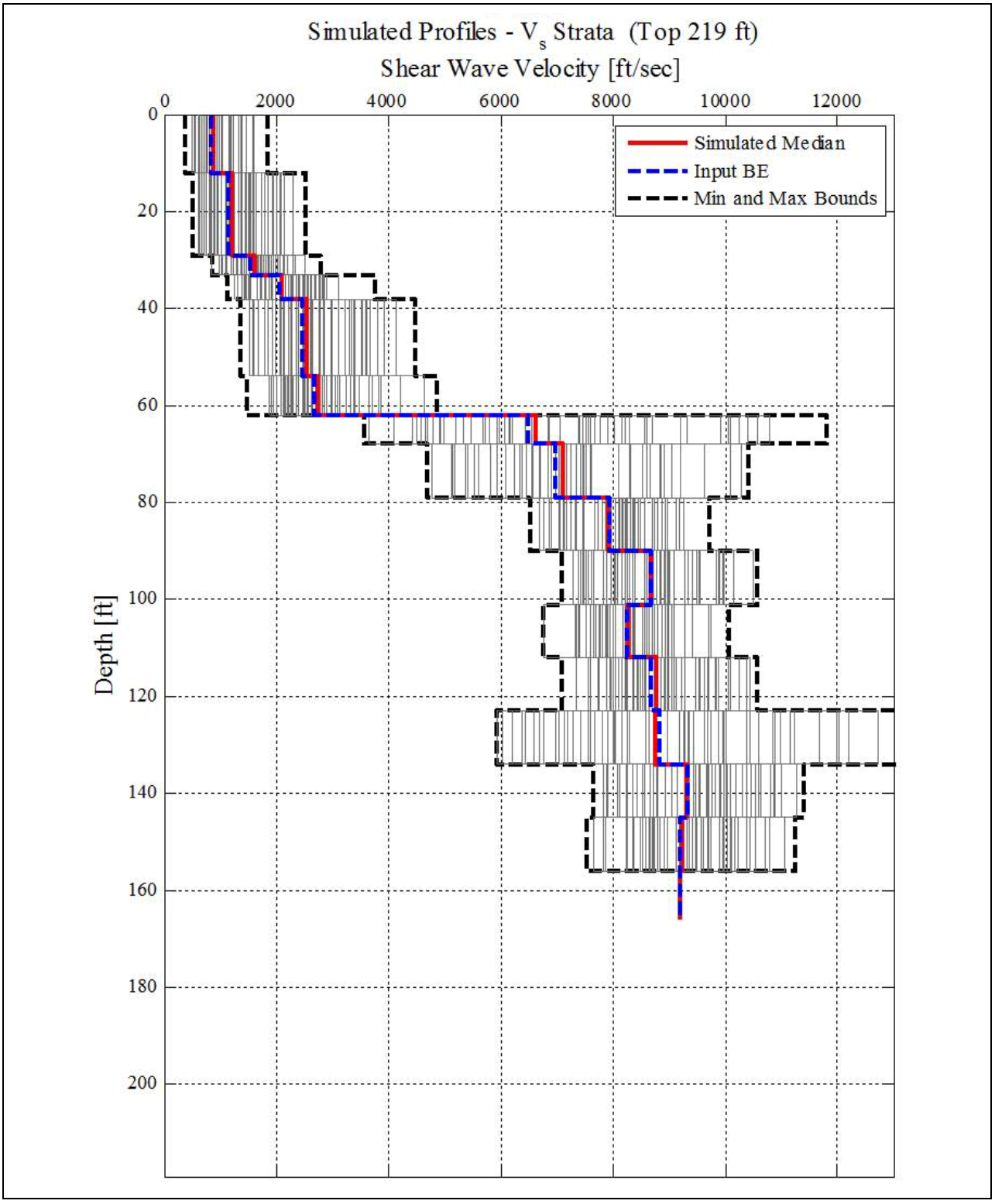
NAPS COL 2.0-27-A **Figure 2.5.2-268 Low-Strain Shear-Wave Velocity for 60 Simulated Profiles for CB Soil Column Including Thickness Variation (Half-Space at V_S =9,200 ft/s)**



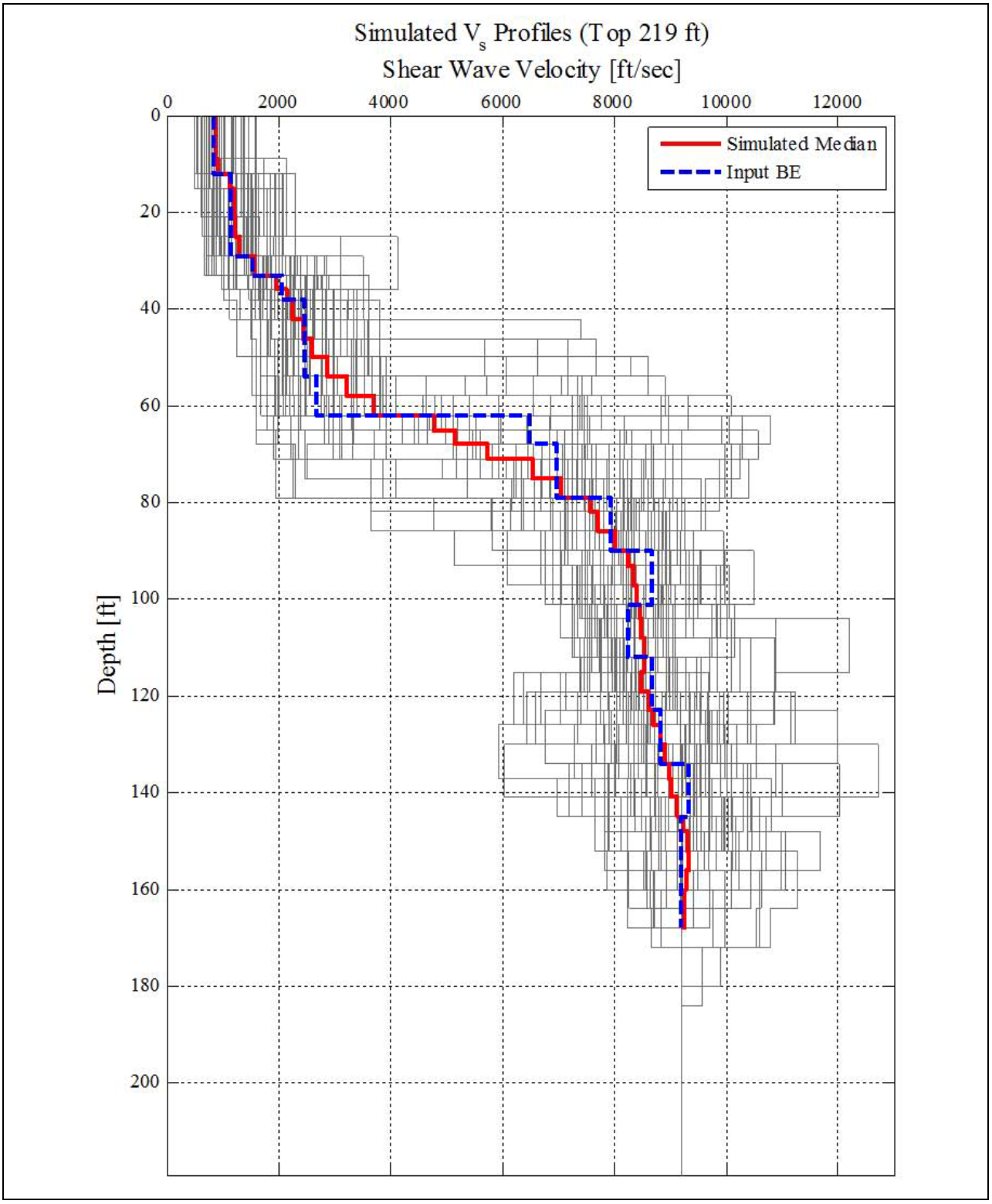
NAPS COL 2.0-27-A **Figure 2.5.2-269 Low-Strain Damping Ratio for 60 Simulated Profiles for CB Soil Column**



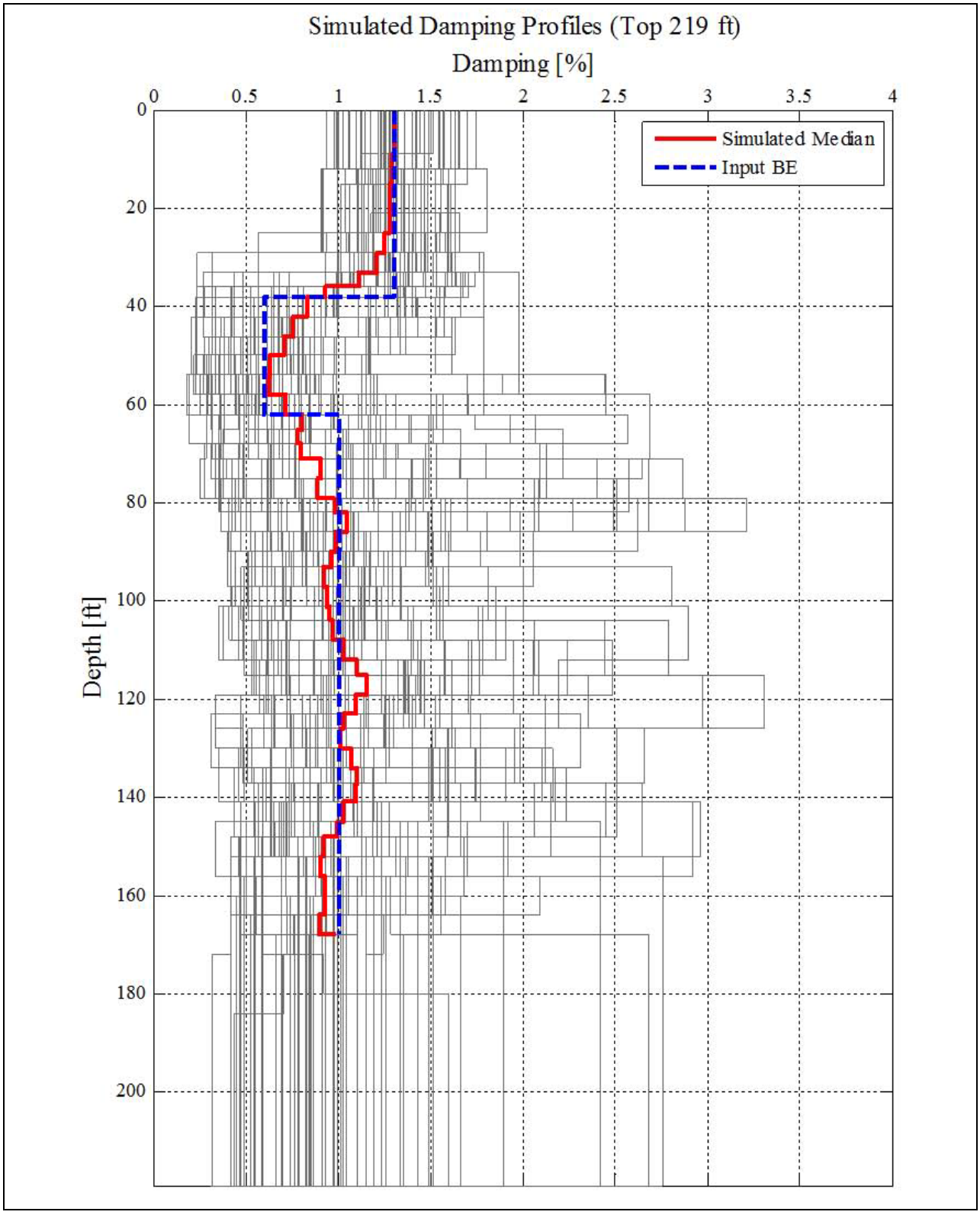
NAPS COL 2.0-27-A **Figure 2.5.2-270 Low-Strain Shear-Wave Velocity for 60 Simulated Profiles for FWSC Soil Column Not Including Thickness Variation (Half-Space at V_S =9,200 ft/s)**



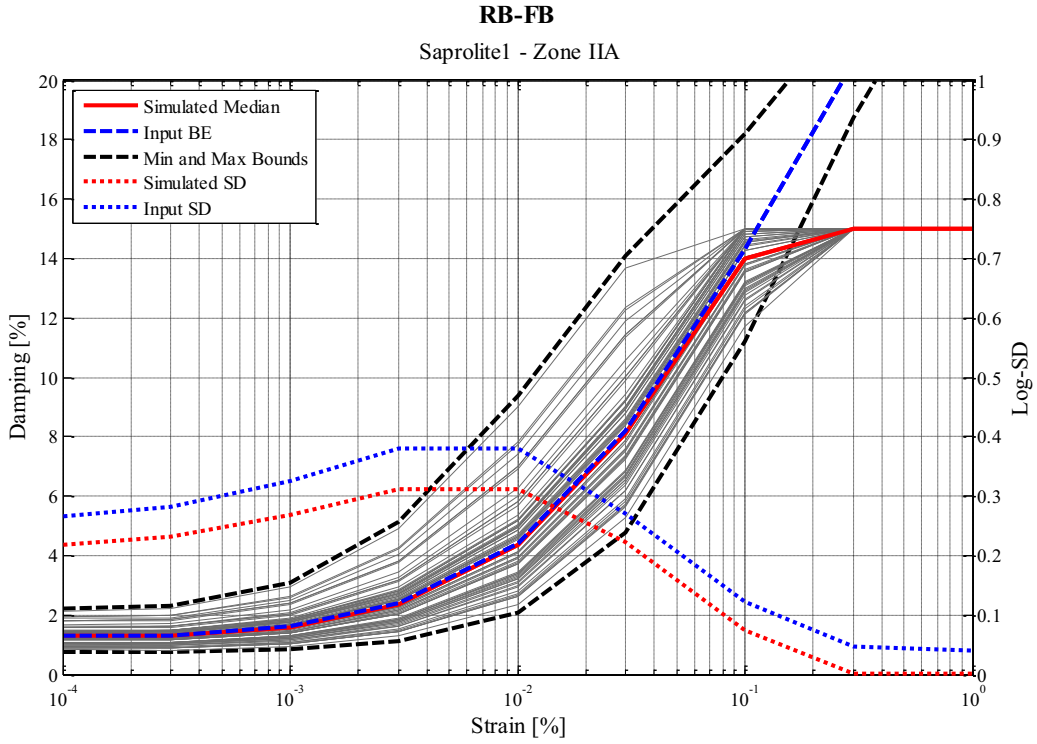
NAPS COL 2.0-27-A **Figure 2.5.2-271 Low-Strain Shear-Wave Velocity for 60 Simulated Profiles for FWSC Soil Column Including Thickness Variation (Half-Space at V_S =9,200 ft/s)**

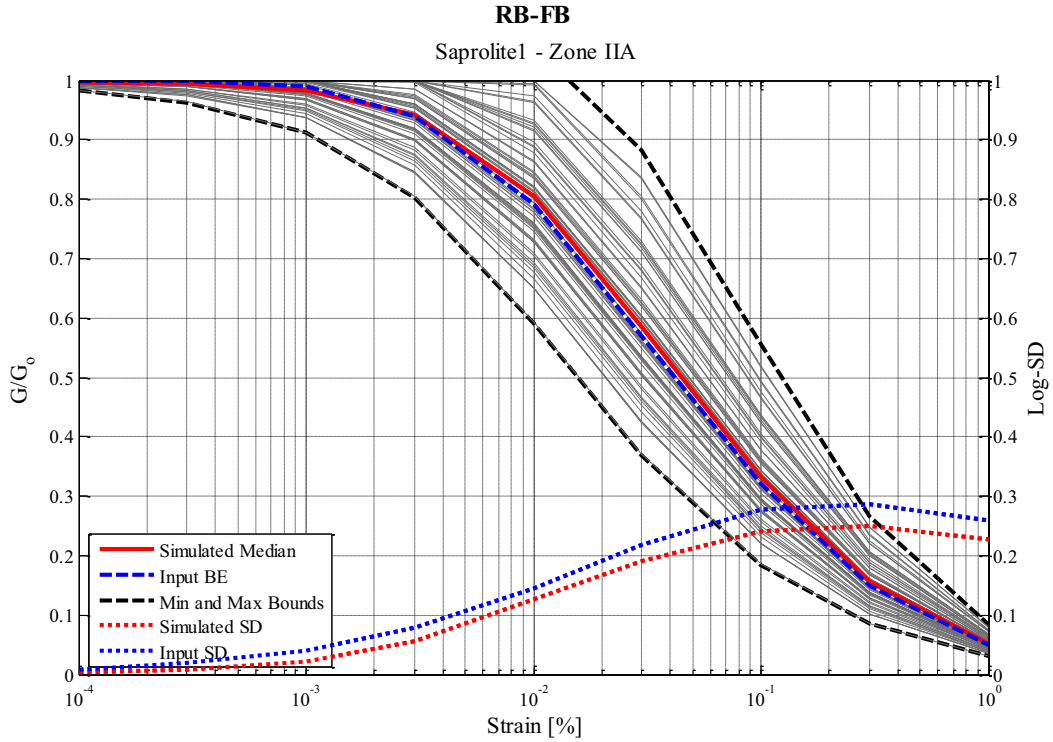


NAPS COL 2.0-27-A **Figure 2.5.2-272 Low-Strain Damping Ratio for 60 Simulated Profiles for FWSC Soil Column**



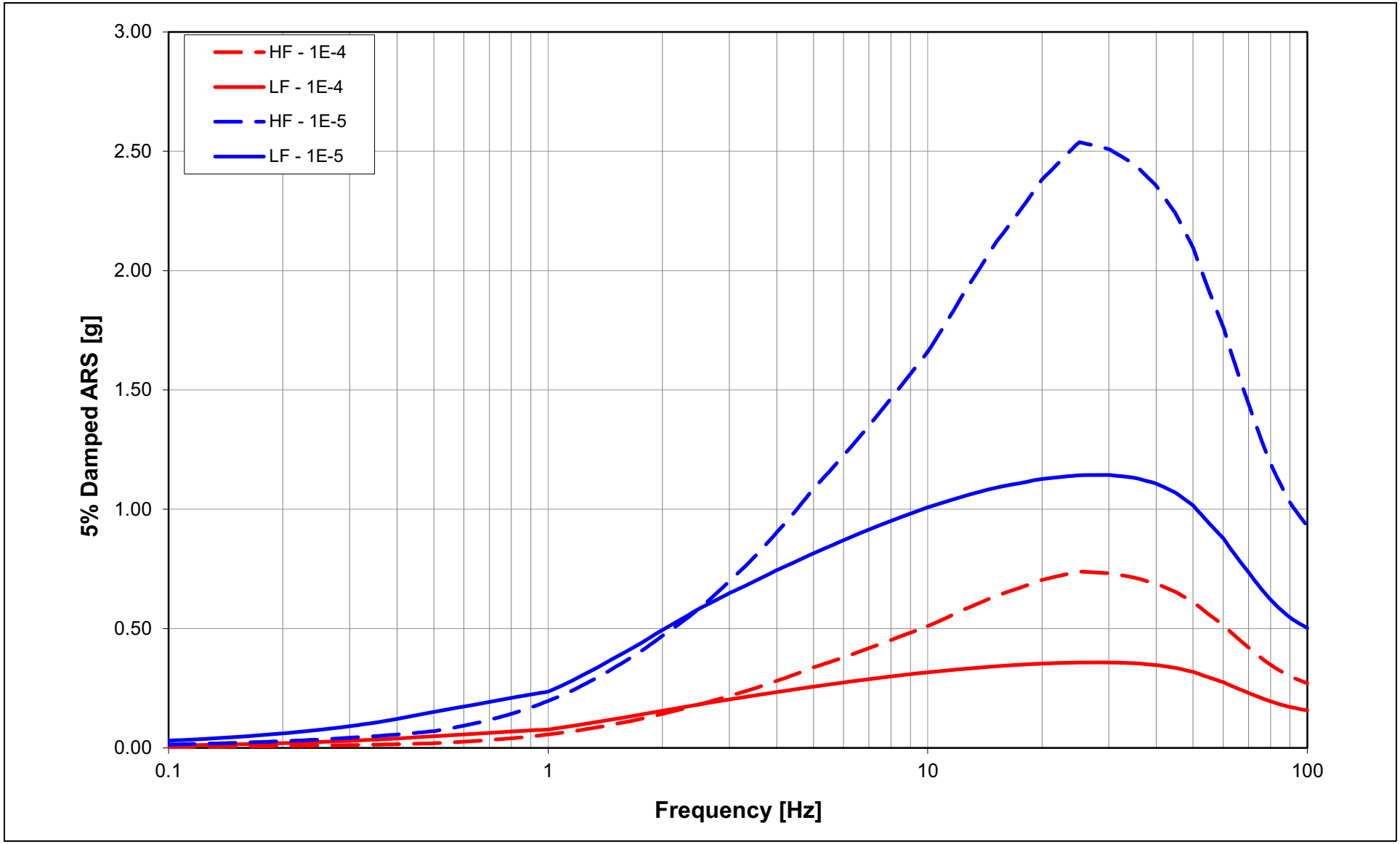
NAPS COL 2.0-27-A **Figure 2.5.2-273 Strain-Dependent Property Curves for 60 Simulated Profiles for Saprolite1 Stratum of RB/FB Soil Column**



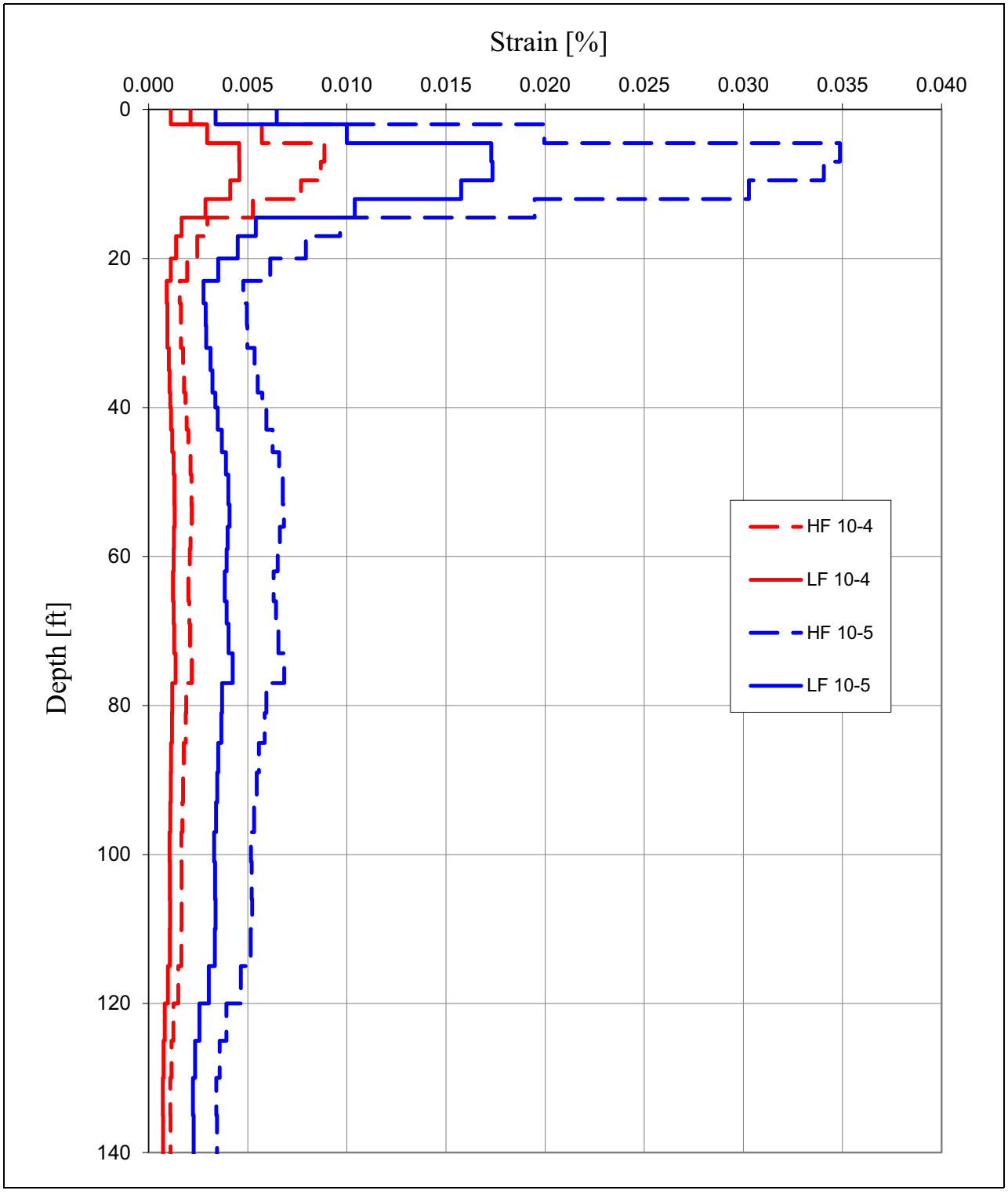


NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-274 High Frequency (HF) and Low Frequency (LF) Hard Rock Input Ground Motion Spectra

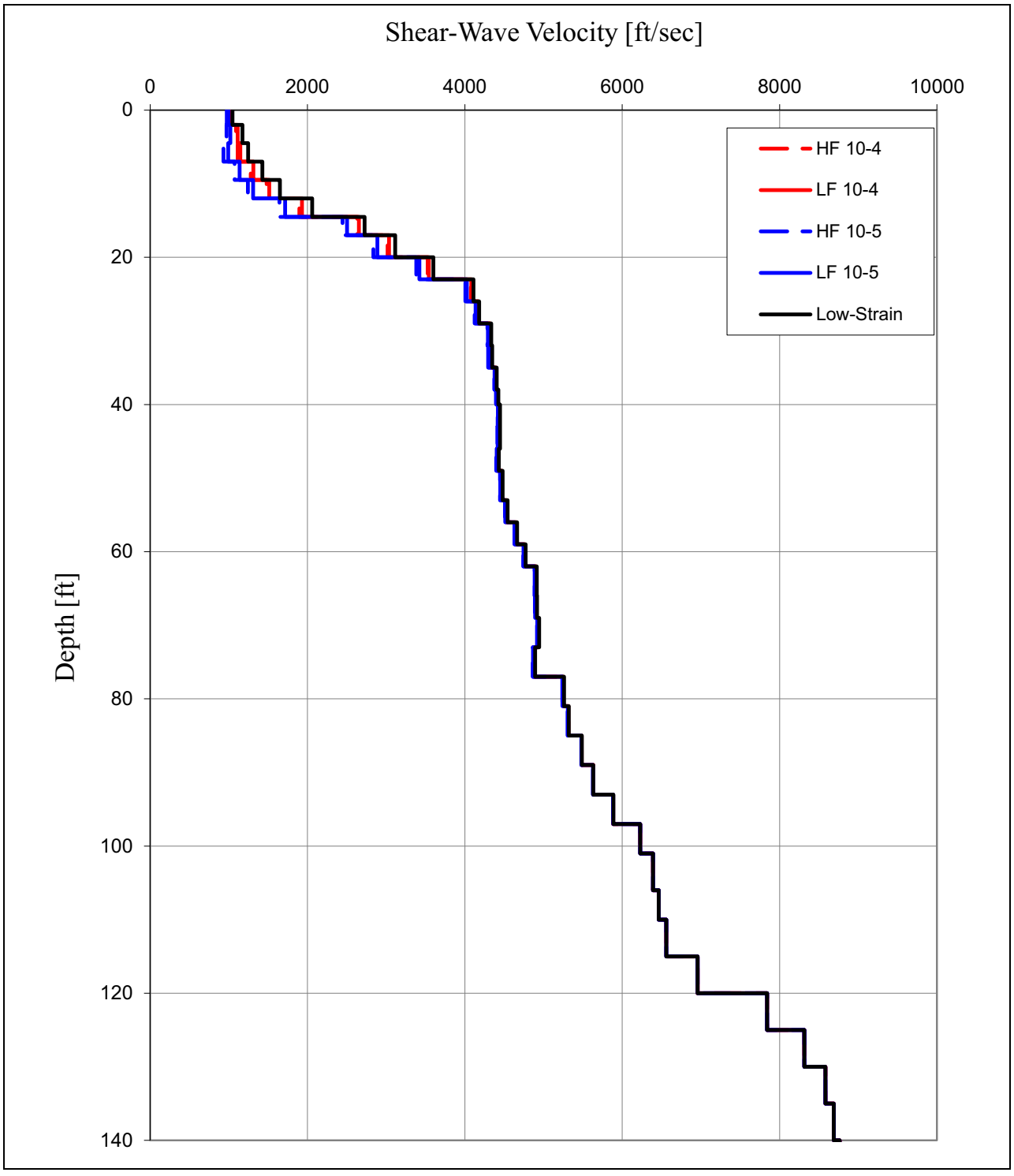


NAPS COL 2.0-27-A **Figure 2.5.2-275 Log-Mean Strain Profiles in RB/FB Soil Column Subject to 10^{-4} and 10^{-5} HF and LF Input Hard Rock Ground Motions**



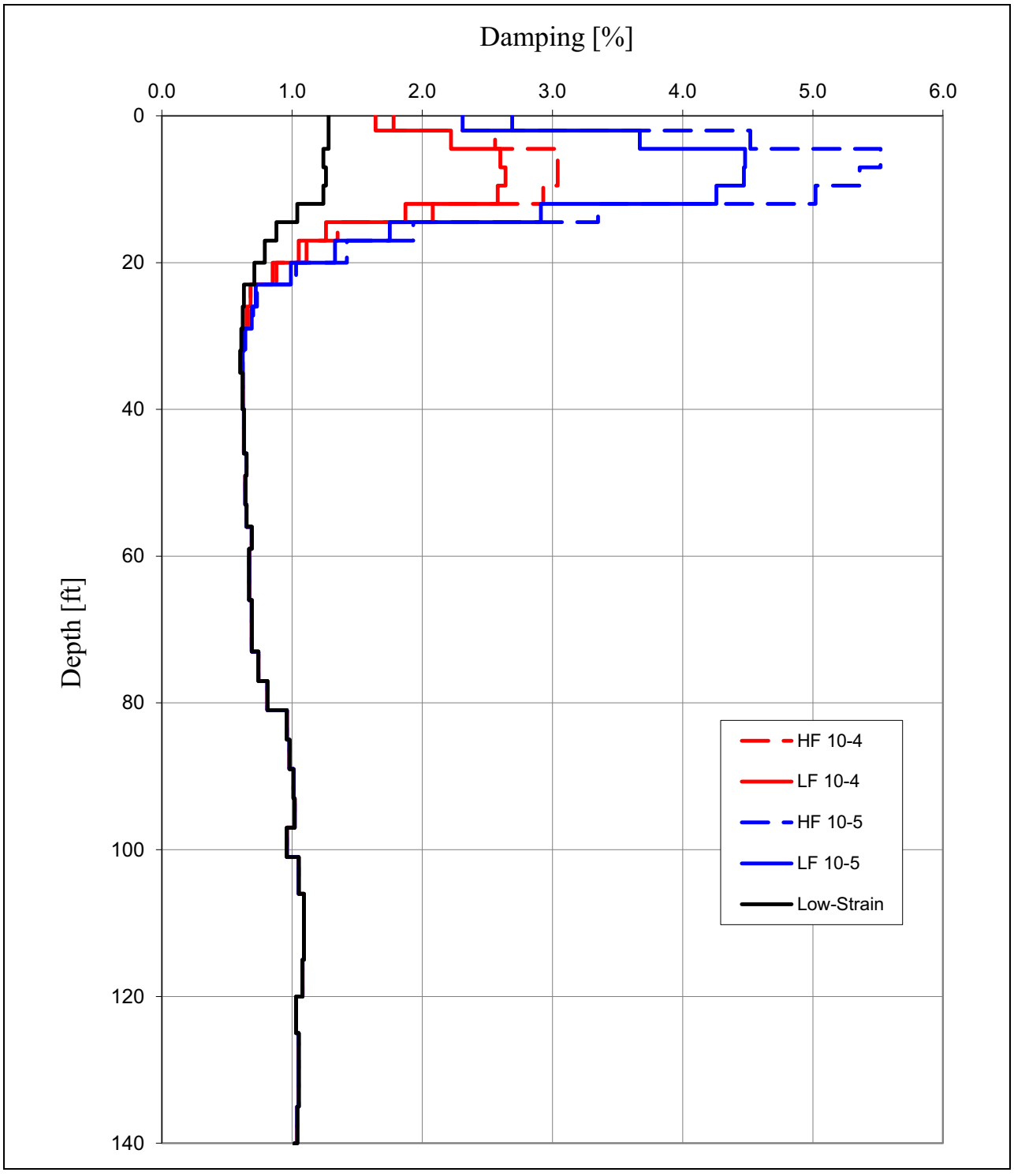
NOTE: Depth of zero corresponds to the finished grade at Elevation 290 ft.

NAPS COL 2.0-27-A **Figure 2.5.2-276 Log-Mean Low Strain and Strain-Compatible Shear Wave Velocity Profiles for RB/FB Soil Column Subject to 10^{-4} and 10^{-5} HF and LF Input Hard Rock Ground Motions**



NOTE: Depth of zero corresponds to the finished grade at Elevation 290 ft.

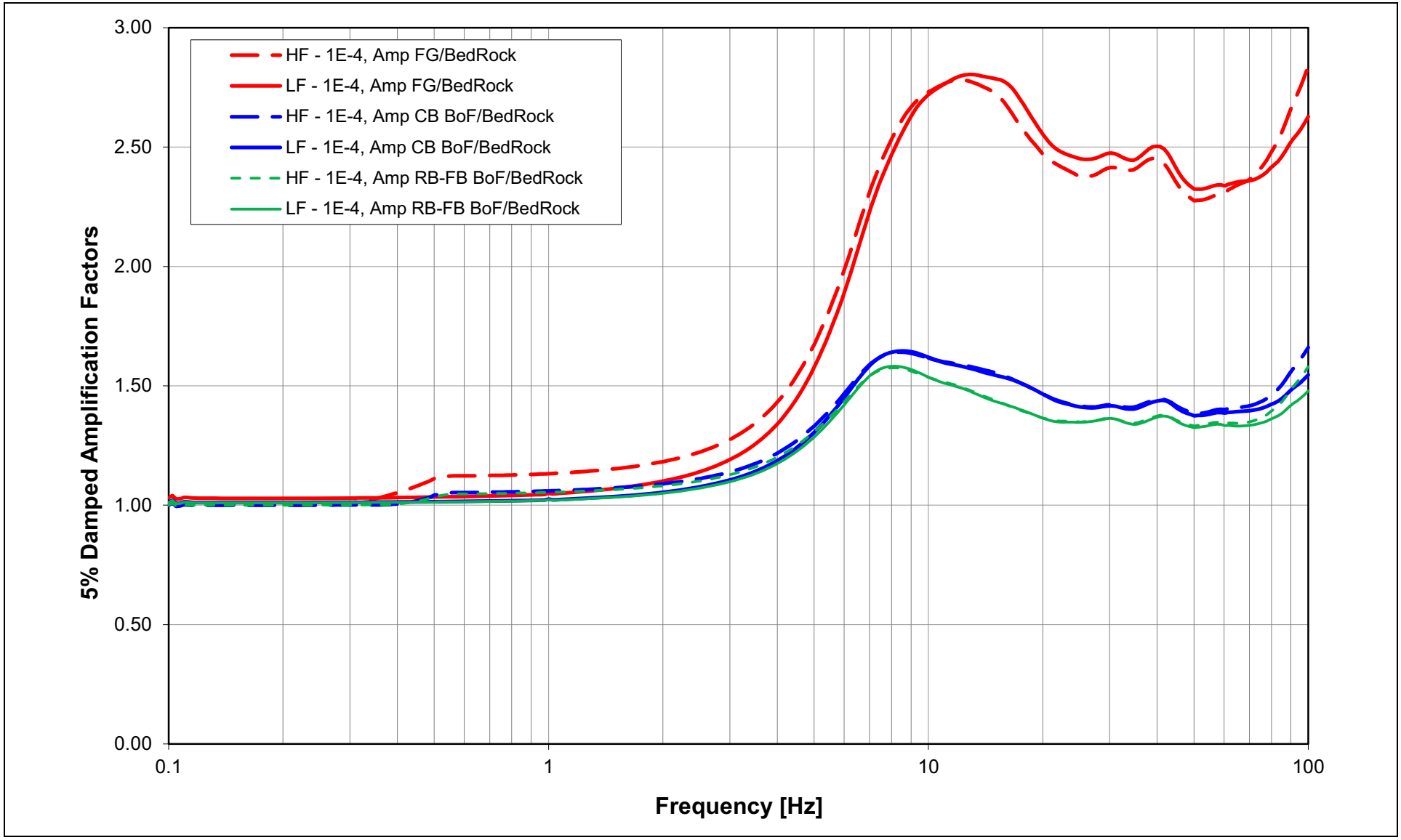
NAPS COL 2.0-27-A **Figure 2.5.2-277 Log-Mean Low Strain and Strain-Compatible Damping Profiles for RB/FB Soil Column Subject to 10^{-4} and 10^{-5} HF and LF Input Hard Rock Ground Motions**



NOTE: Depth of zero corresponds to the finished grade at Elevation 290 ft.

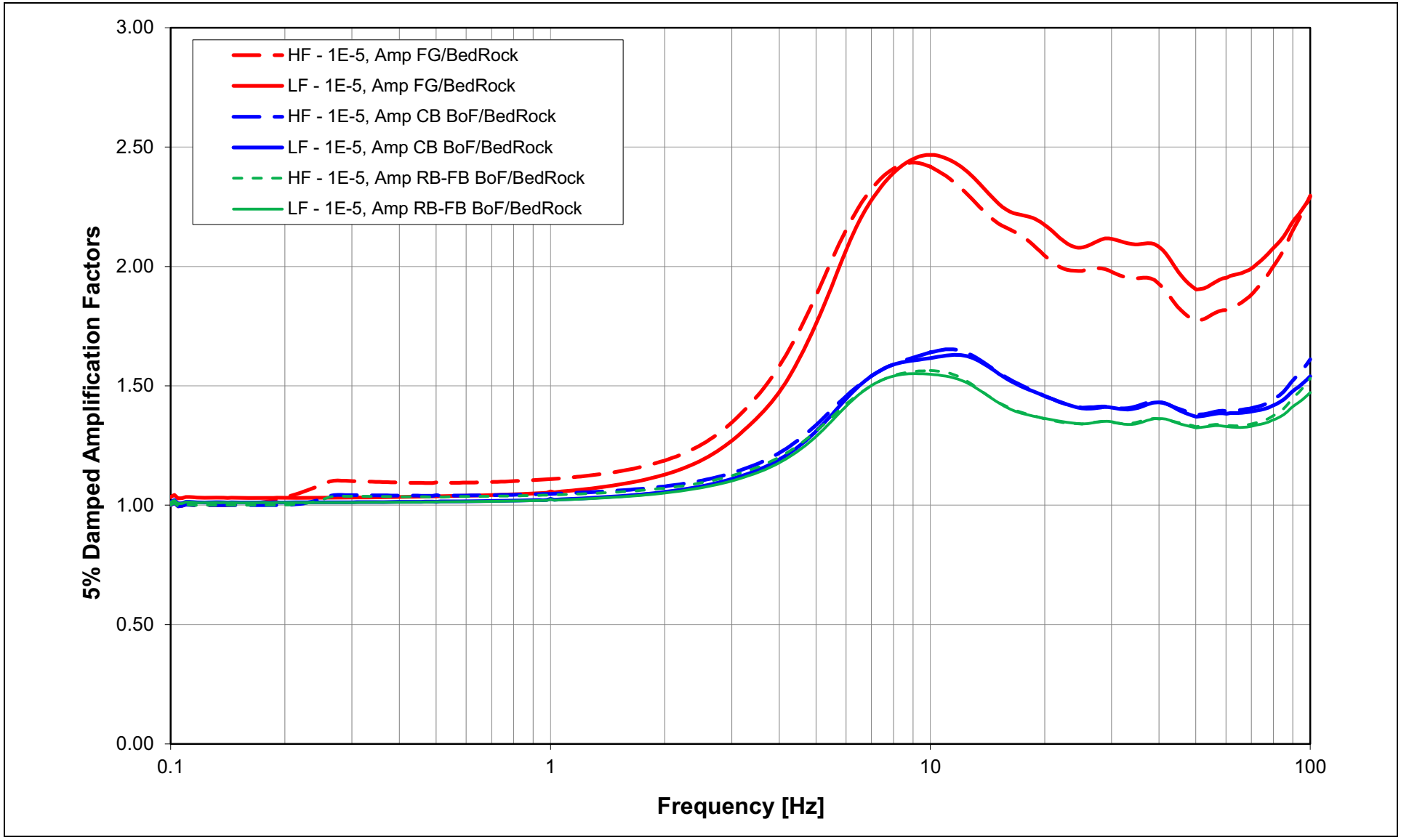
NAPS COL 2.0-27-A

Figure 2.5.2-278 Mean Full Column Outcrop ARS Amplification Factors for RB/FB Soil Column at 10^{-4} Hazard Level Input Ground Motion

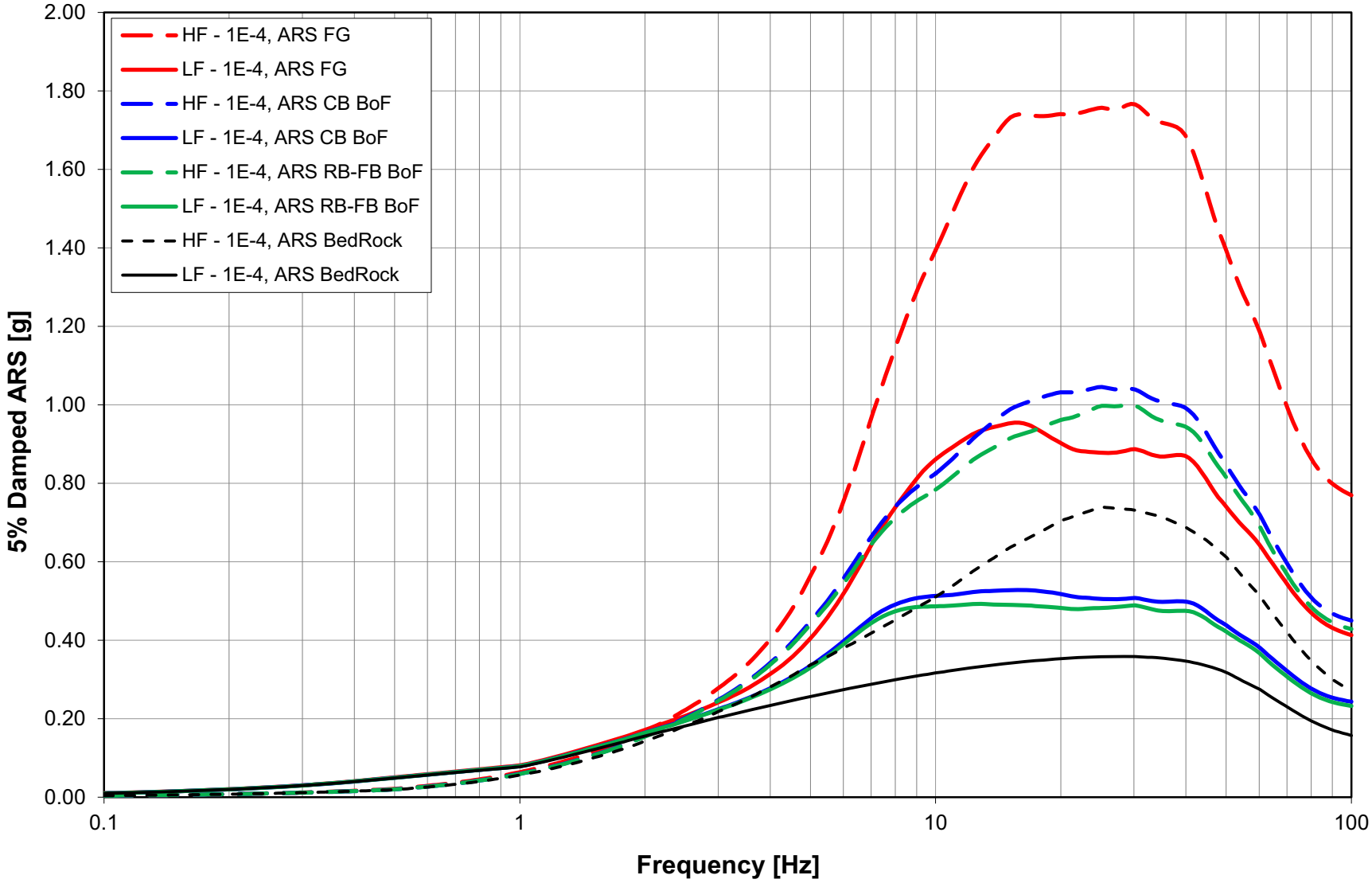


NAPS COL 2.0-27-A

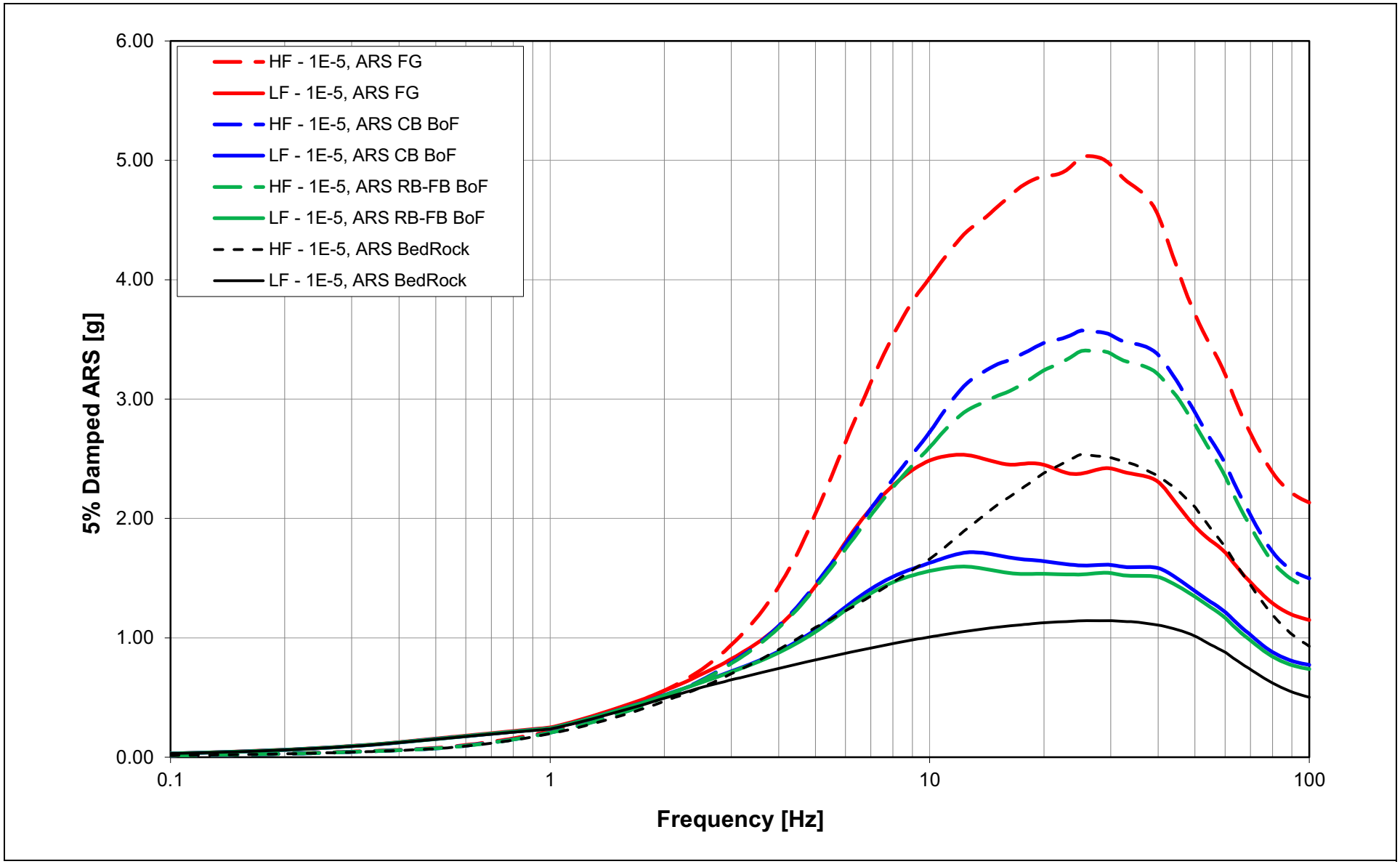
Figure 2.5.2-279 Mean Full Column Outcrop ARS Amplification Factors for RB/FB Soil Column at 10^{-5} Hazard Level Input Ground Motion



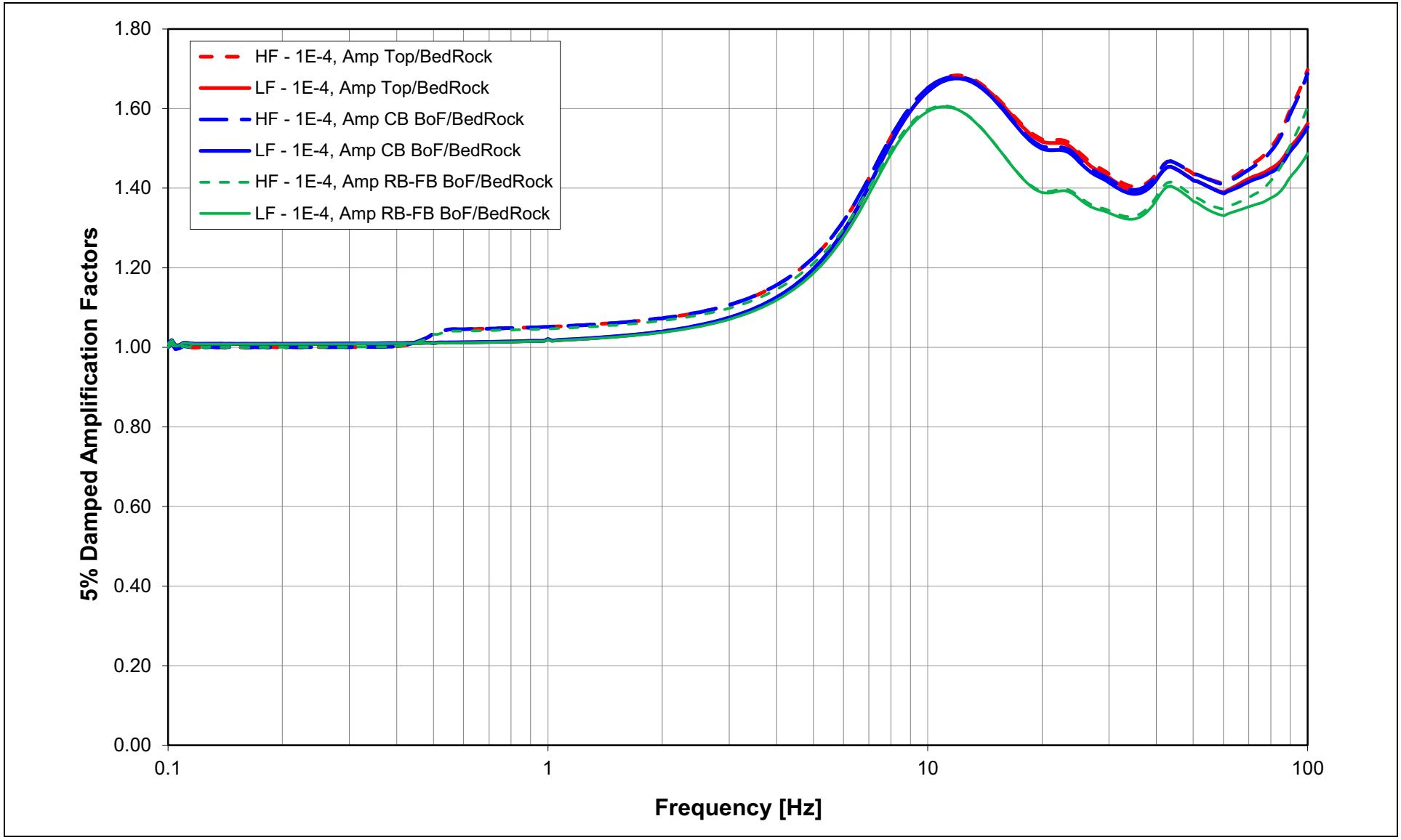
NAPS COL 2.0-27-A **Figure 2.5.2-280 Mean Full Column Outcrop ARS for RB/FB Soil Column at 10^{-4} Hazard Level Input Ground Motion**



NAPS COL 2.0-27-A **Figure 2.5.2-281 Mean Full Column Outcrop ARS for RB/FB Soil Column at 10^{-5} Hazard Level Input Ground Motion**

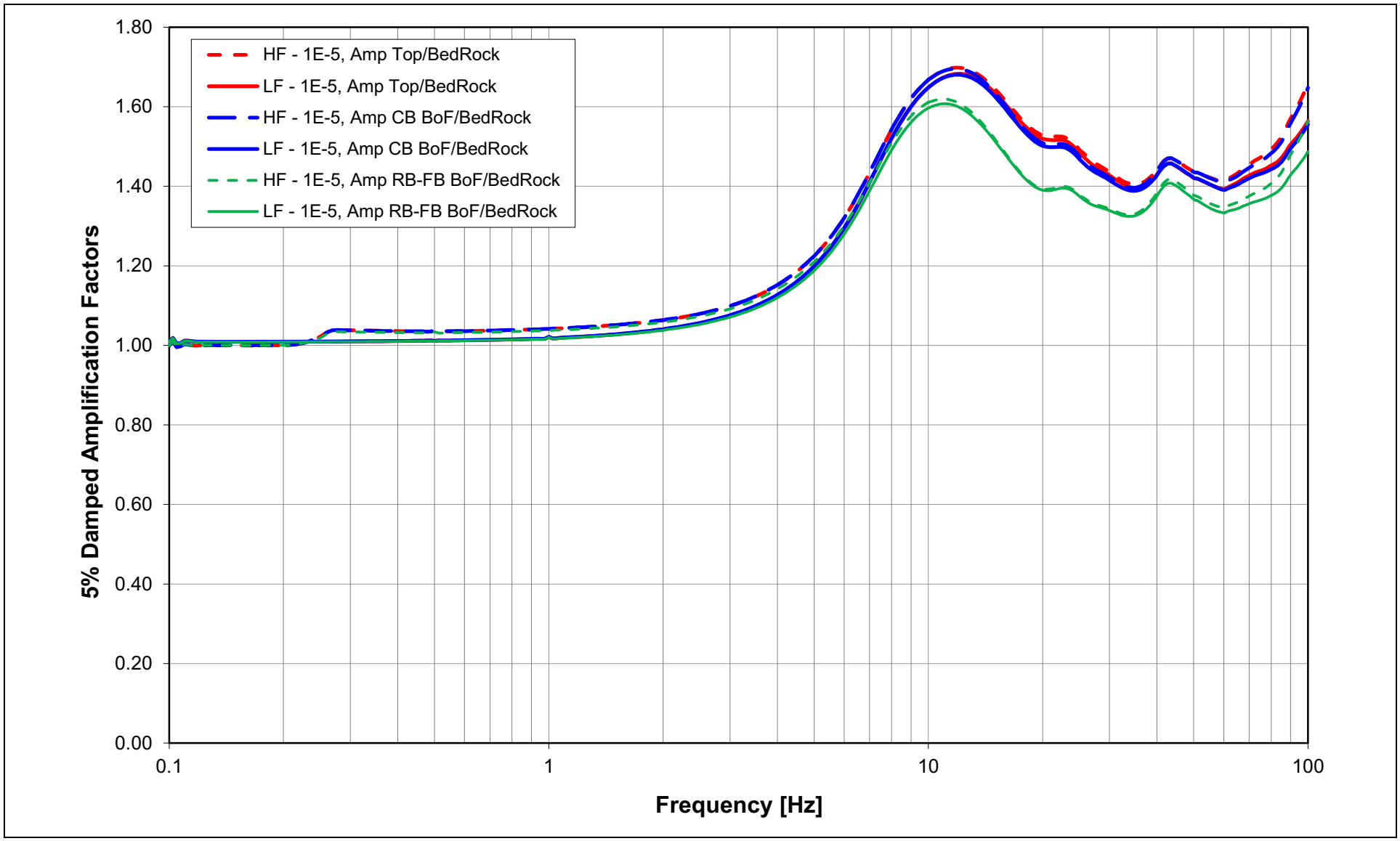


NAPS COL 2.0-27-A **Figure 2.5.2-282 Mean Partial Column Outcrop ARS Amplification Factors for RB/FB Soil Column at 10^{-4} Hazard Level Input Ground Motion**

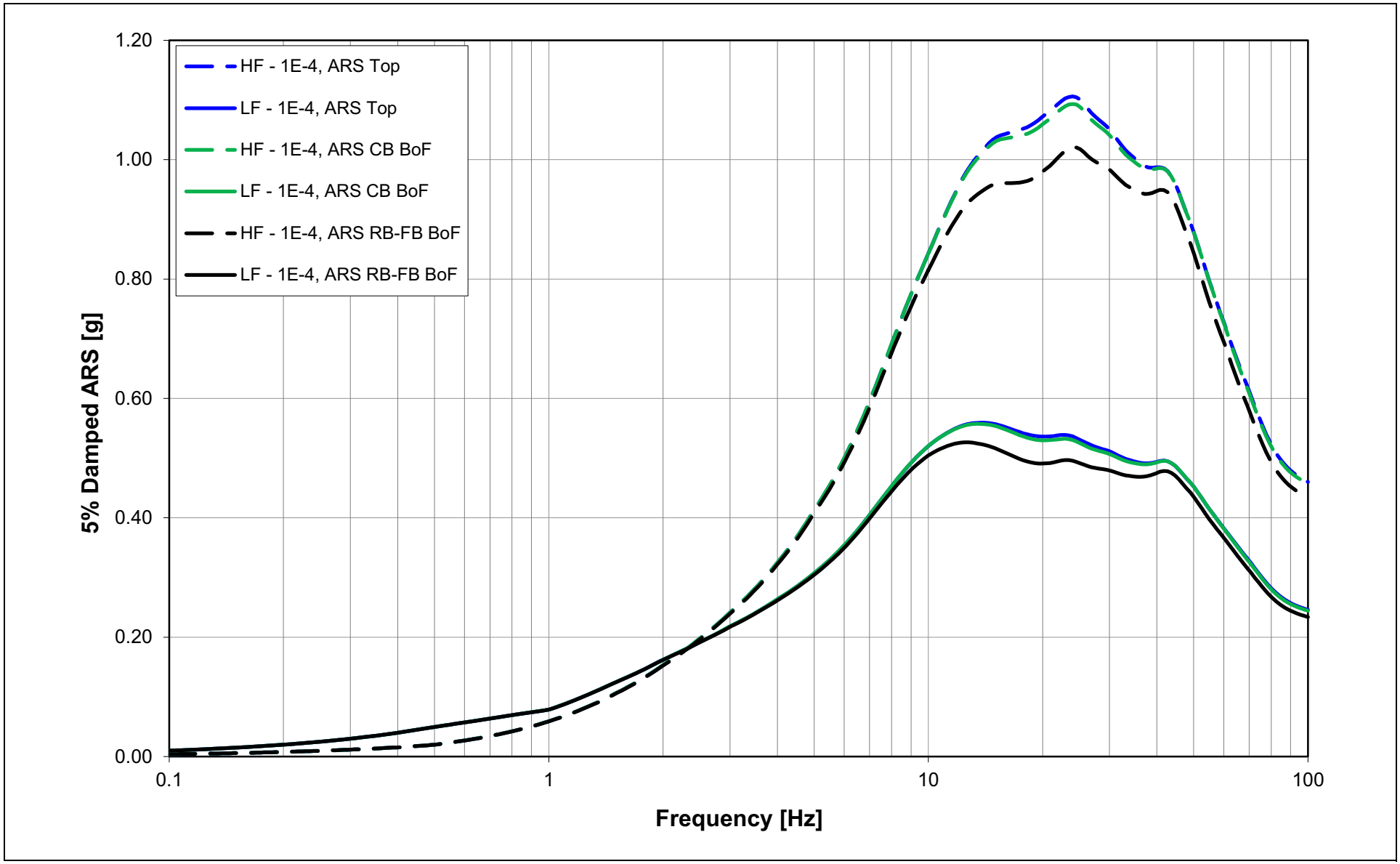


NAPS COL 2.0-27-A

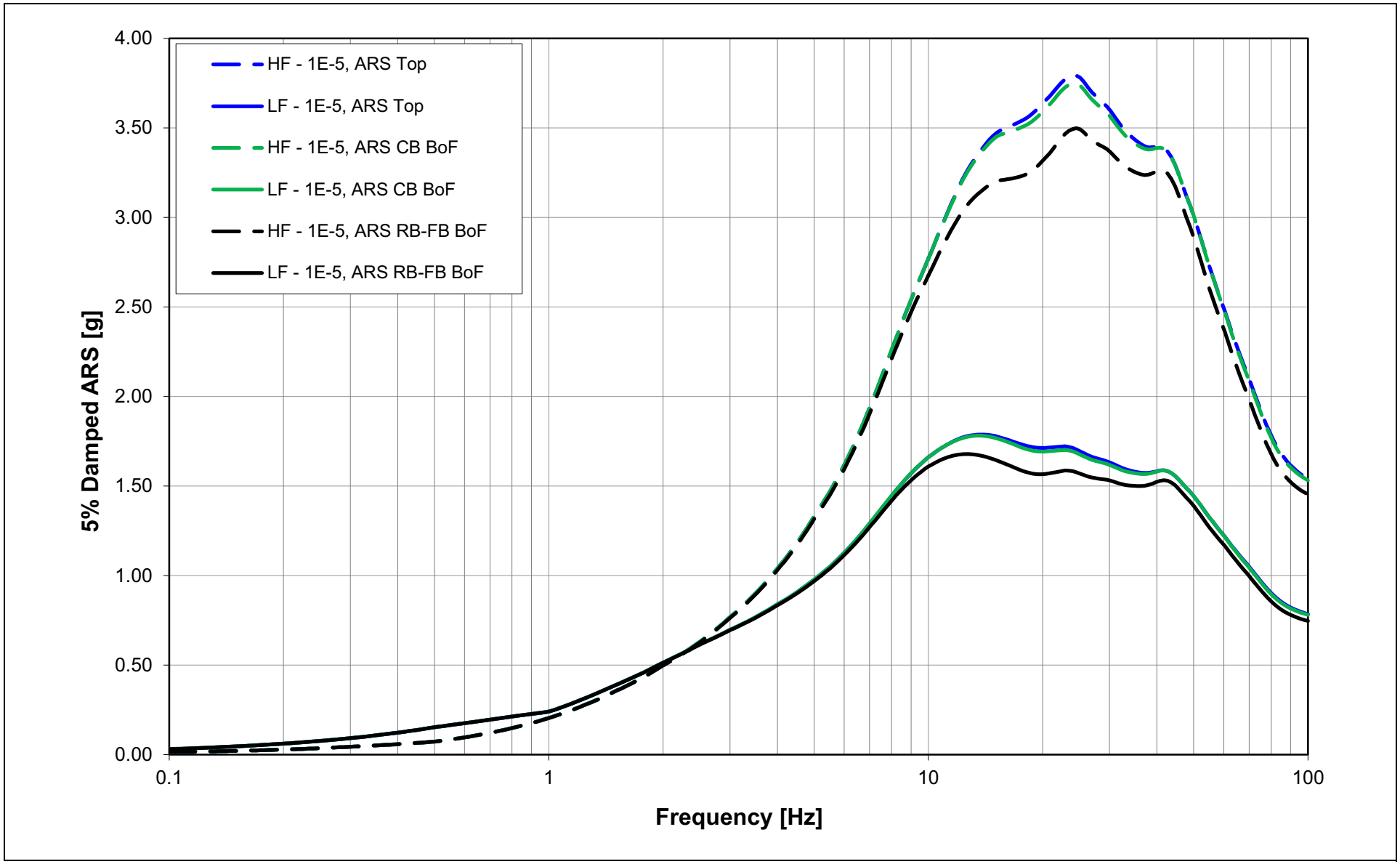
Figure 2.5.2-283 Mean Partial Column Outcrop ARS Amplification Factors for RB/FB Soil Column at 10^{-5} Hazard Level Input Ground Motion



NAPS COL 2.0-27-A **Figure 2.5.2-284 Mean Partial Column Outcrop ARS for RB/FB Soil Column at 10^{-4} Hazard Level Input Ground Motion**

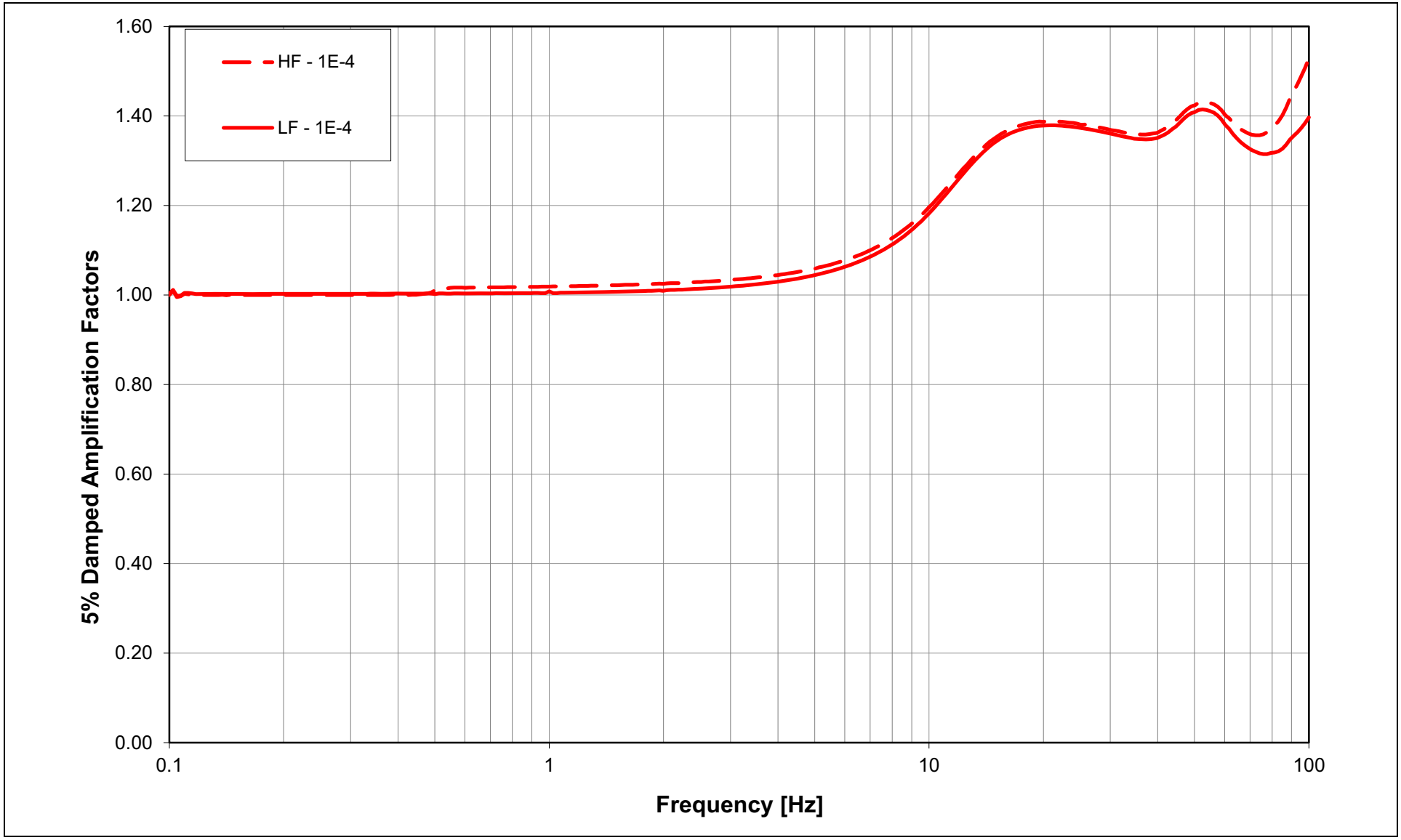


NAPS COL 2.0-27-A **Figure 2.5.2-285 Mean Partial Column Outcrop ARS for RB/FB Soil Column at 10^{-5} Hazard Level Input Ground Motion**



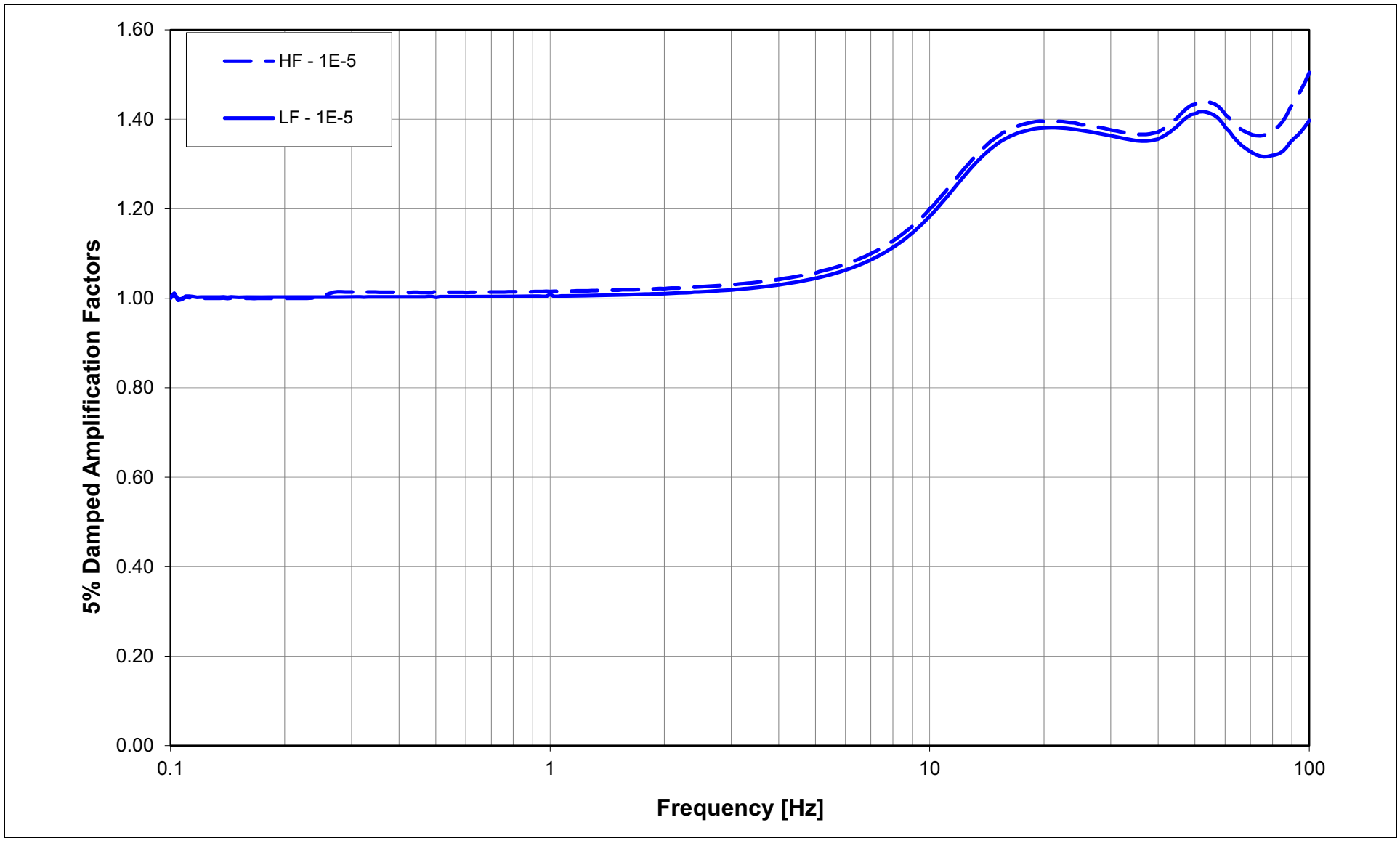
NAPS COL 2.0-27-A

Figure 2.5.2-286 Mean Geologic Outcrop ARS Amplification Factors for RB/FB Soil Column at 10^{-4} Hazard Level Input Ground Motion

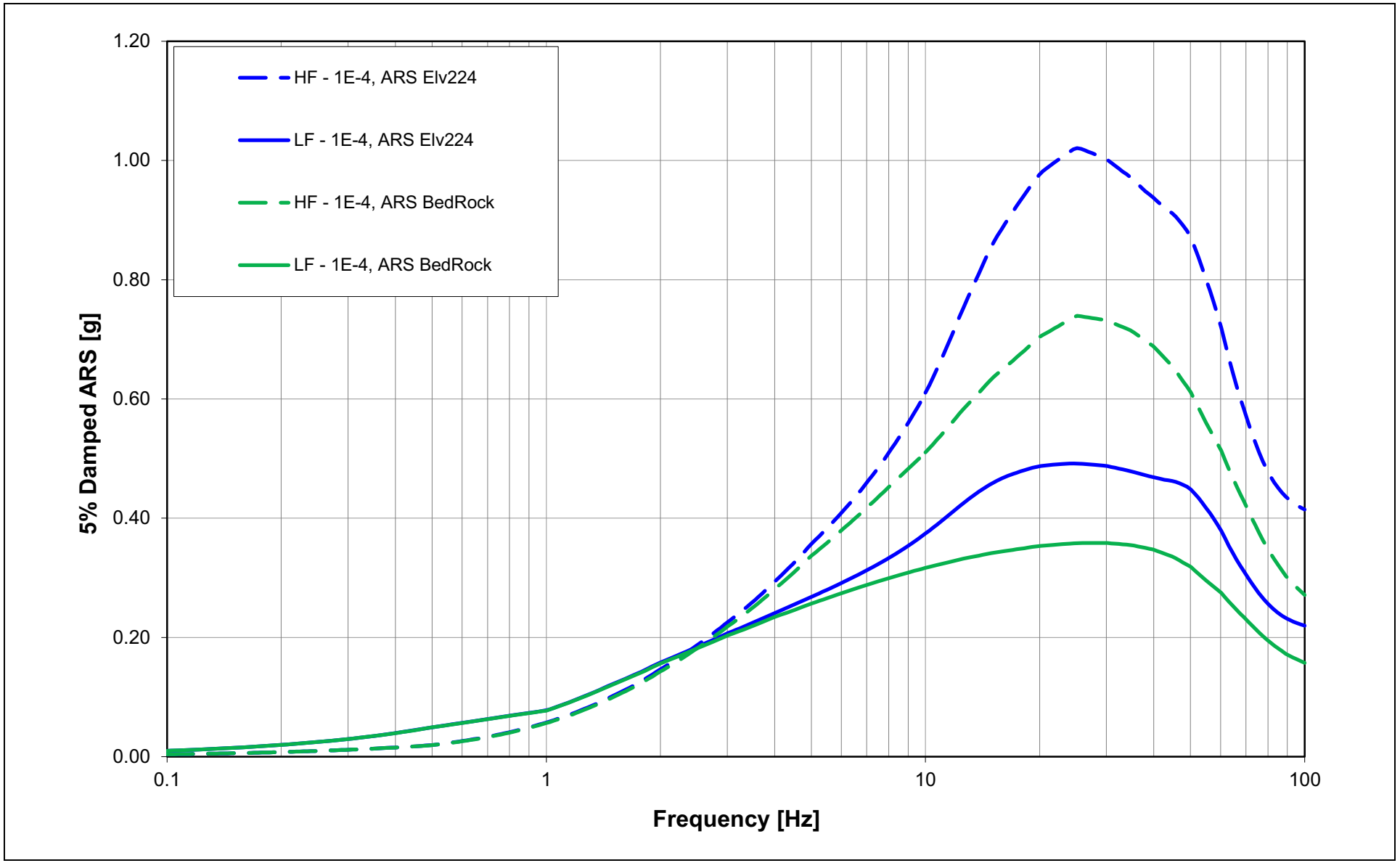


NAPS COL 2.0-27-A

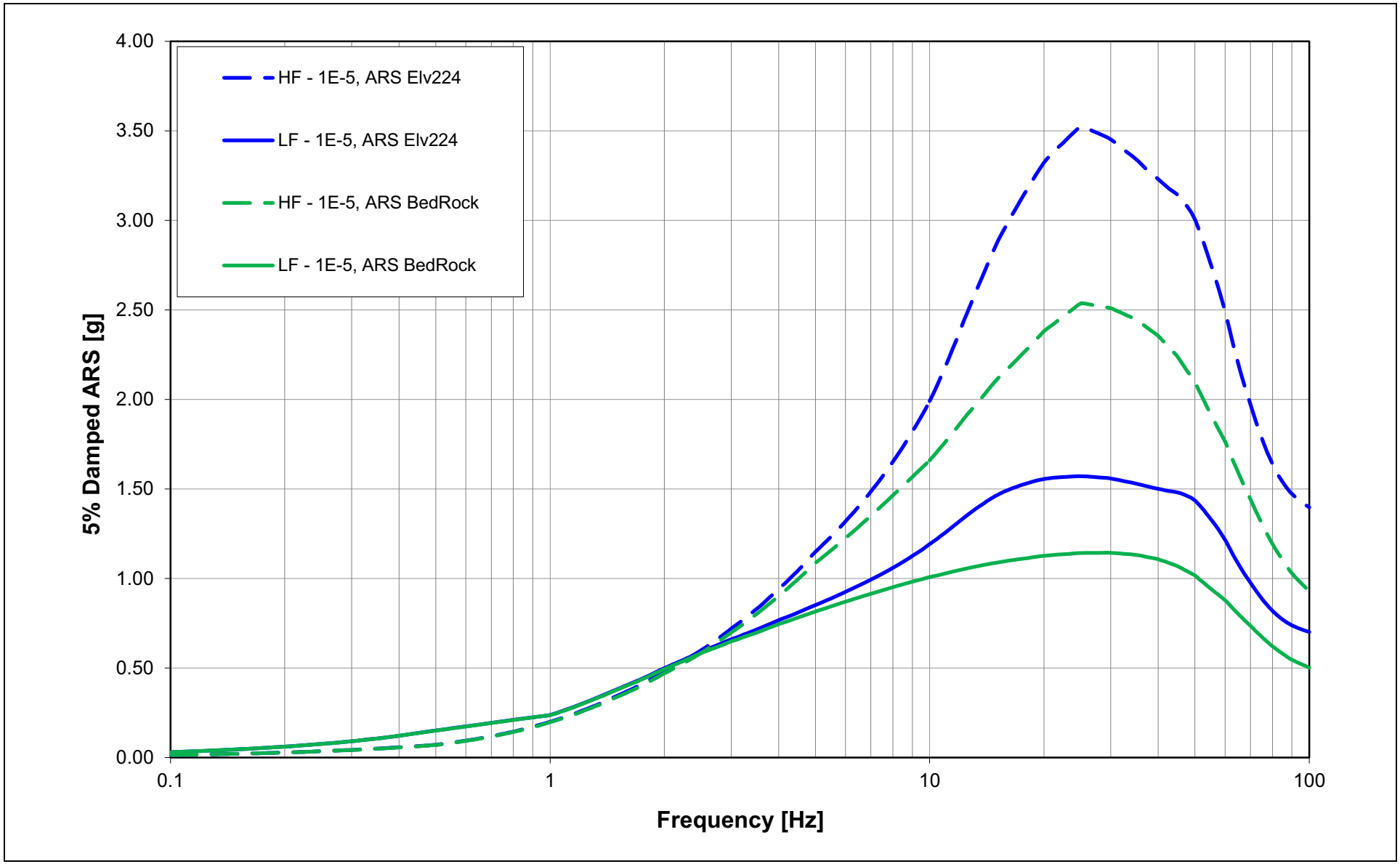
Figure 2.5.2-287 Mean Geologic Outcrop ARS Amplification Factors for RB/FB Soil Column at 10^{-5} Hazard Level Input Ground Motion



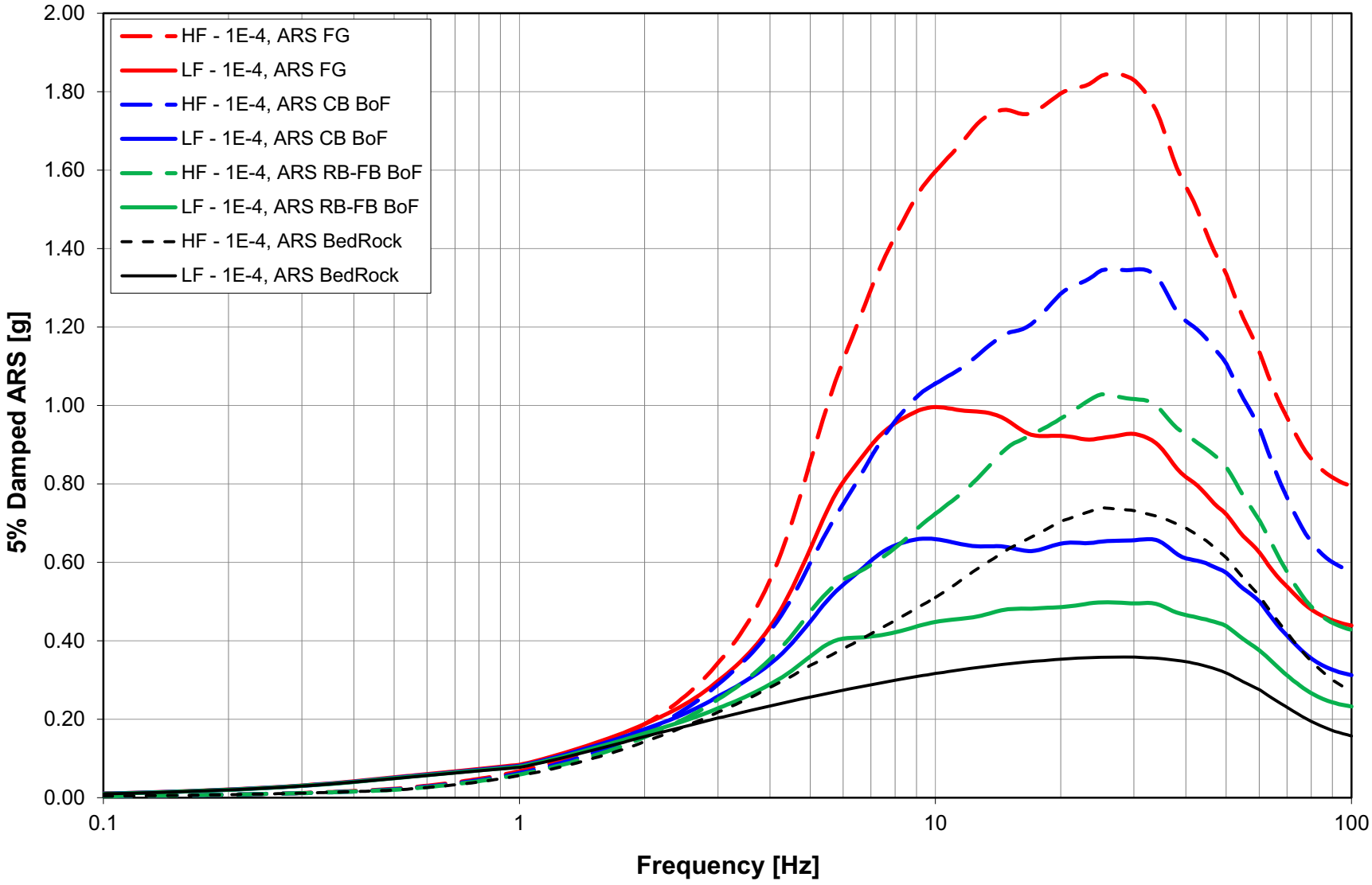
NAPS COL 2.0-27-A **Figure 2.5.2-288 Mean Geologic Outcrop ARS for RB/FB Soil Column at 10^{-4} Hazard Level Input Ground Motion**



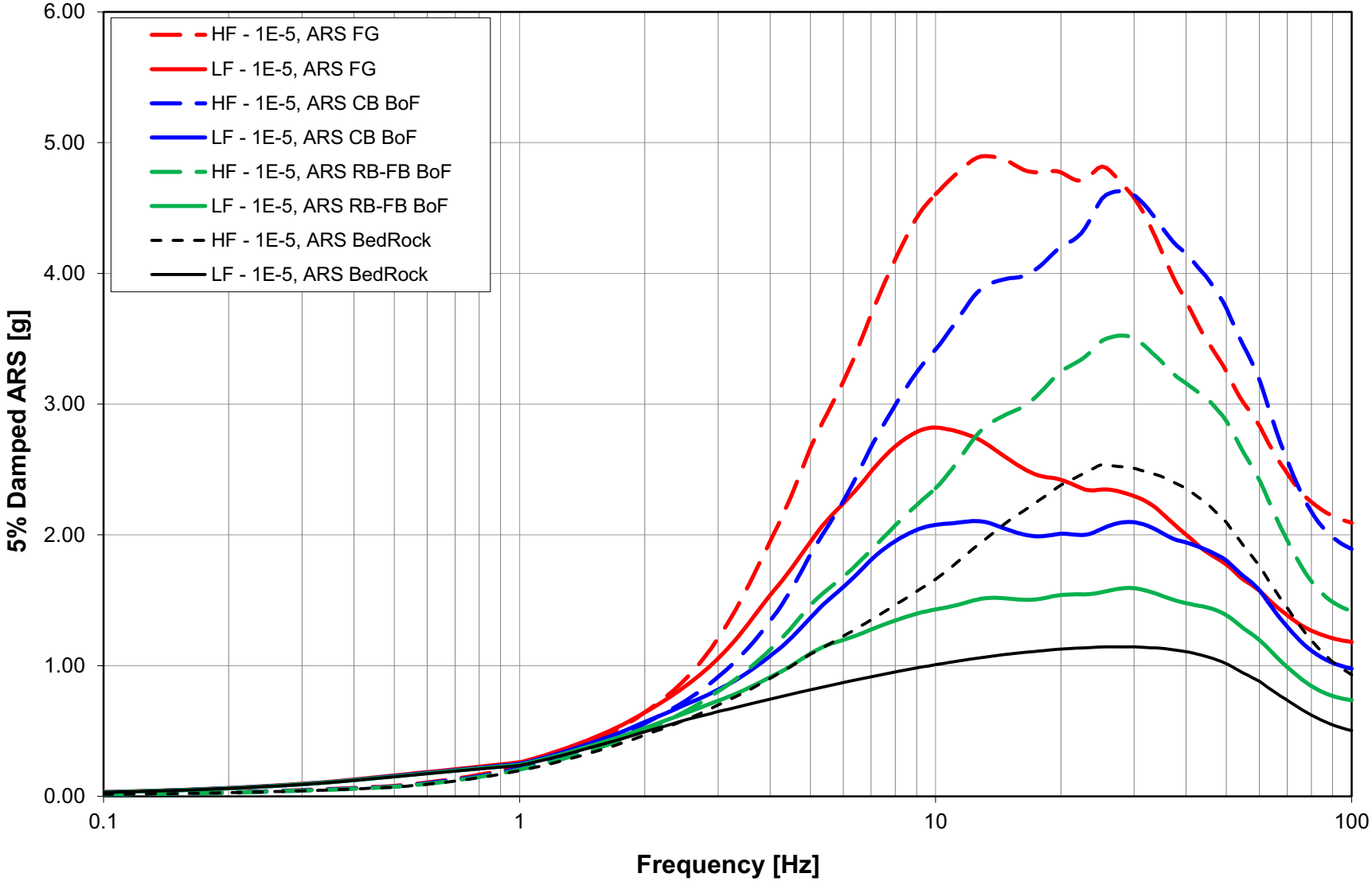
NAPS COL 2.0-27-A **Figure 2.5.2-289 Mean Geologic Outcrop ARS for RB/FB Soil Column at 10^{-5} Hazard Level Input Ground Motion**



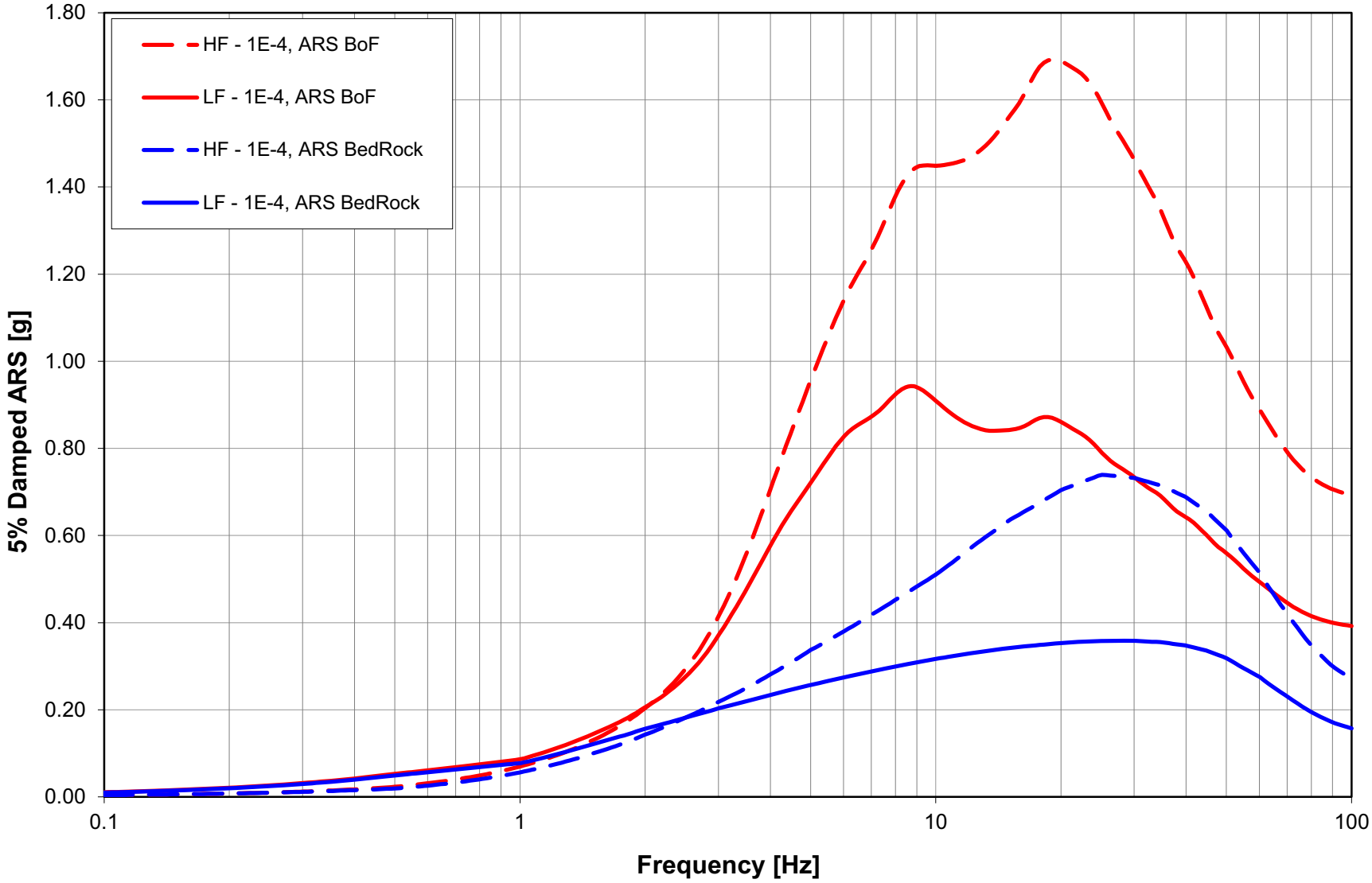
NAPS COL 2.0-27-A **Figure 2.5.2-290 Mean Full Column Outcrop ARS for CB Soil Column at 10^{-4} Hazard Level Input Ground Motion**



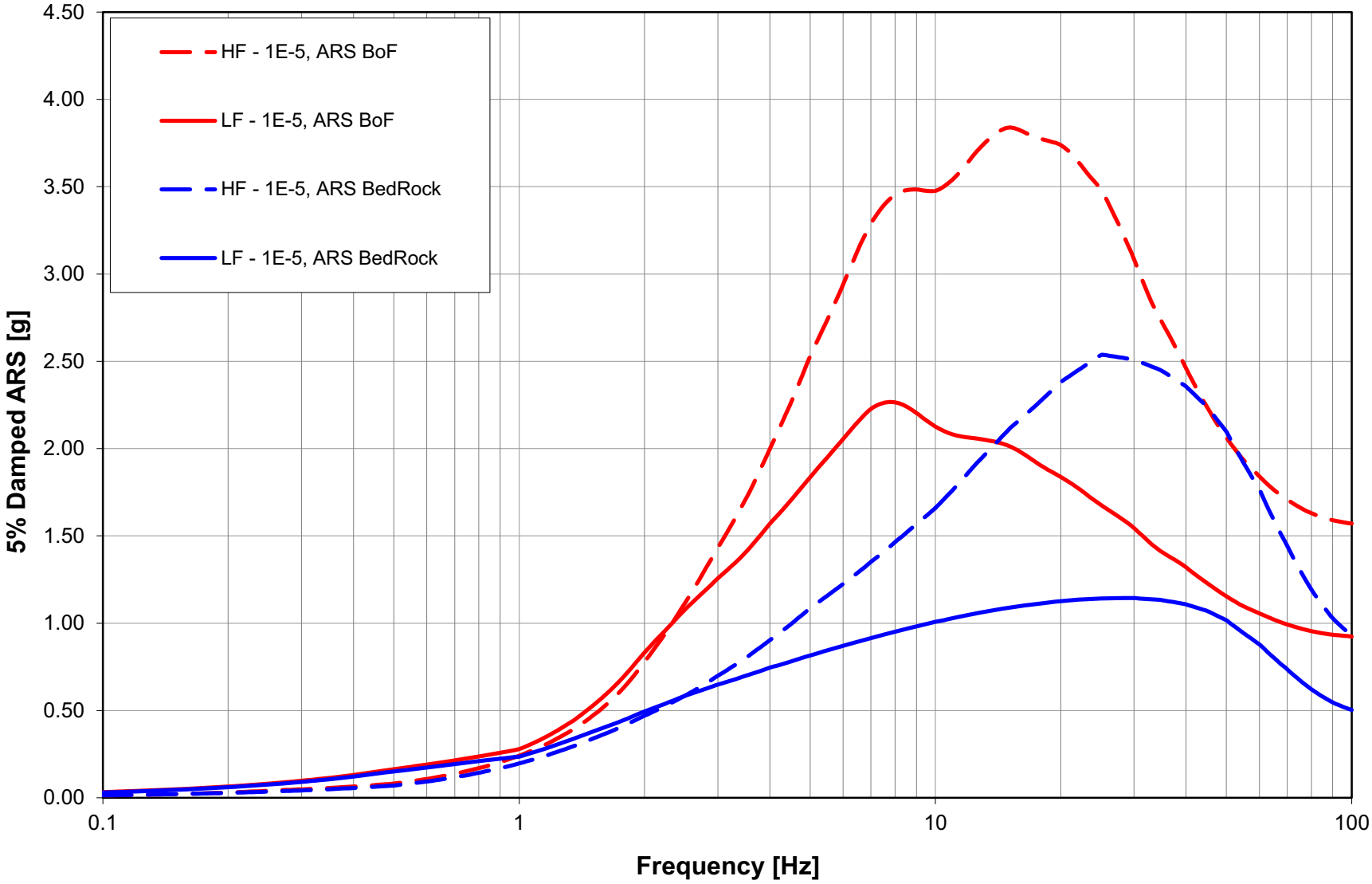
NAPS COL 2.0-27-A **Figure 2.5.2-291 Mean Full Column Outcrop ARS for CB Soil Column at 10^{-5} Hazard Level Input Ground Motion**



NAPS COL 2.0-27-A **Figure 2.5.2-292 Mean Full Column Outcrop ARS for FWSC Soil Column at 10^{-4} Hazard Level Input Ground Motion**

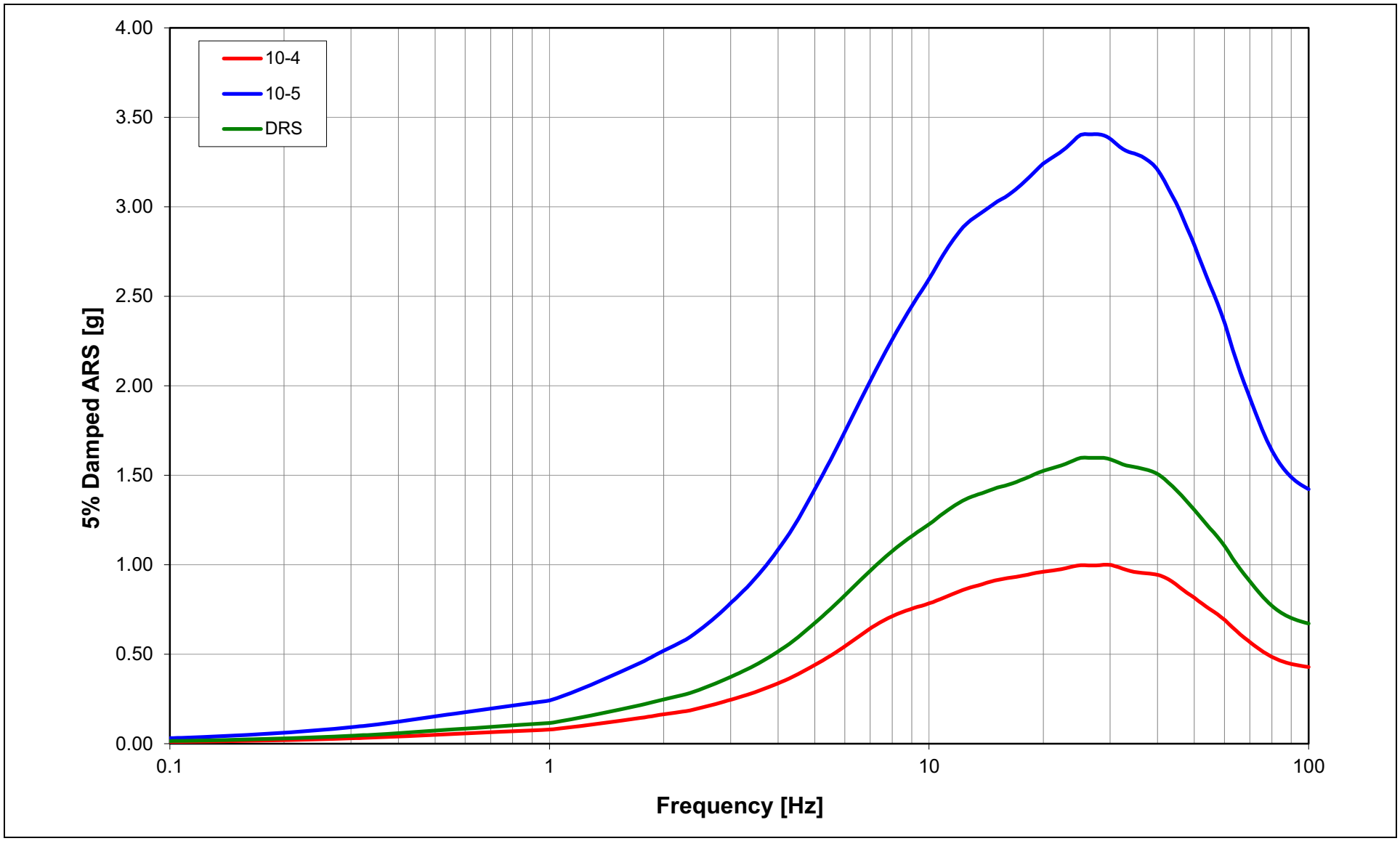


NAPS COL 2.0-27-A **Figure 2.5.2-293 Mean Full Column Outcrop ARS for FWSC Soil Column at 10^{-5} Hazard Level Input Ground Motion**



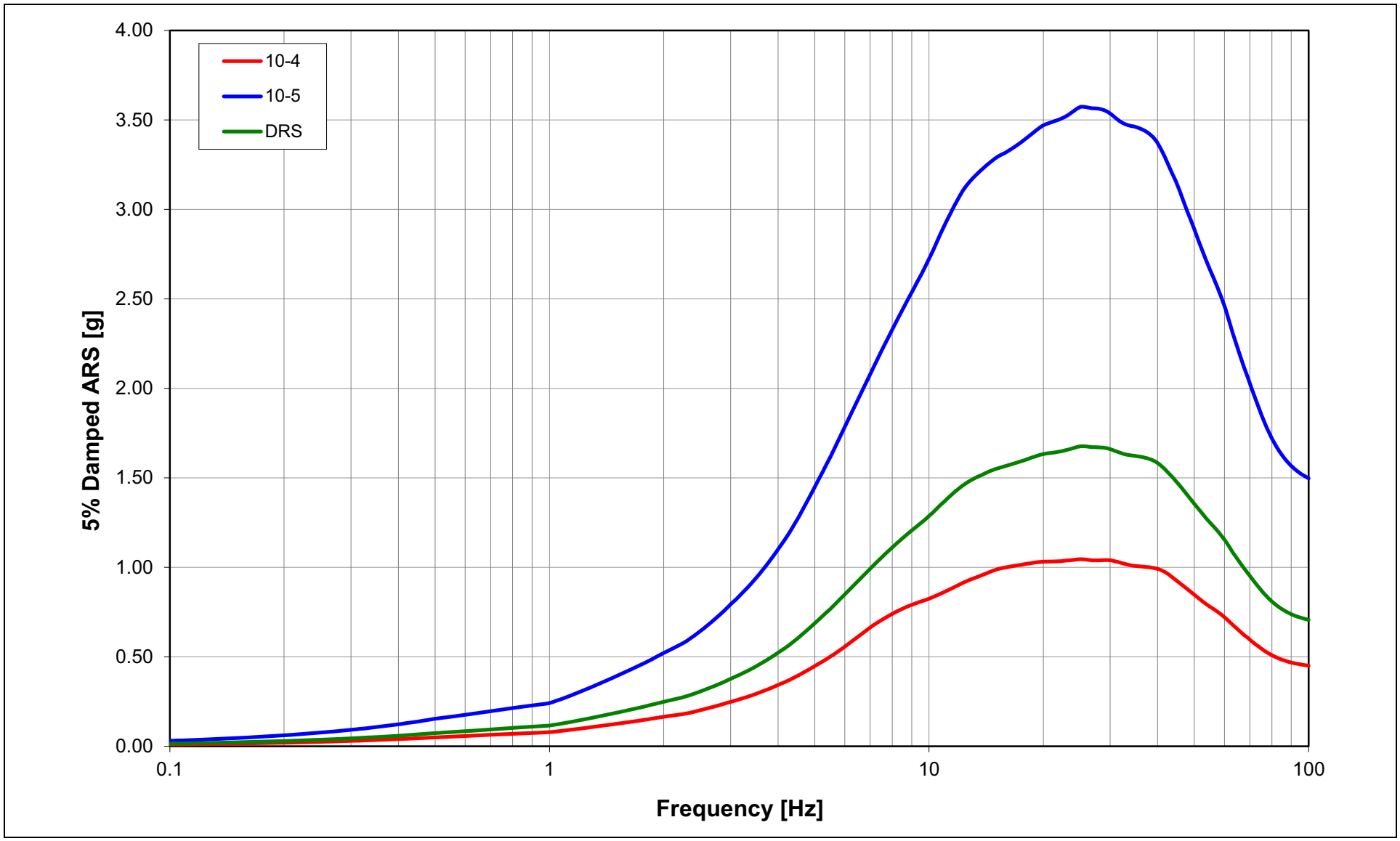
NAPS COL 2.0-27-A

Figure 2.5.2-294 Mean Horizontal Full Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Full Column Outcrop DRS for RB/FB Soil Column at Elevation 224 ft (BoF for RB/FB)



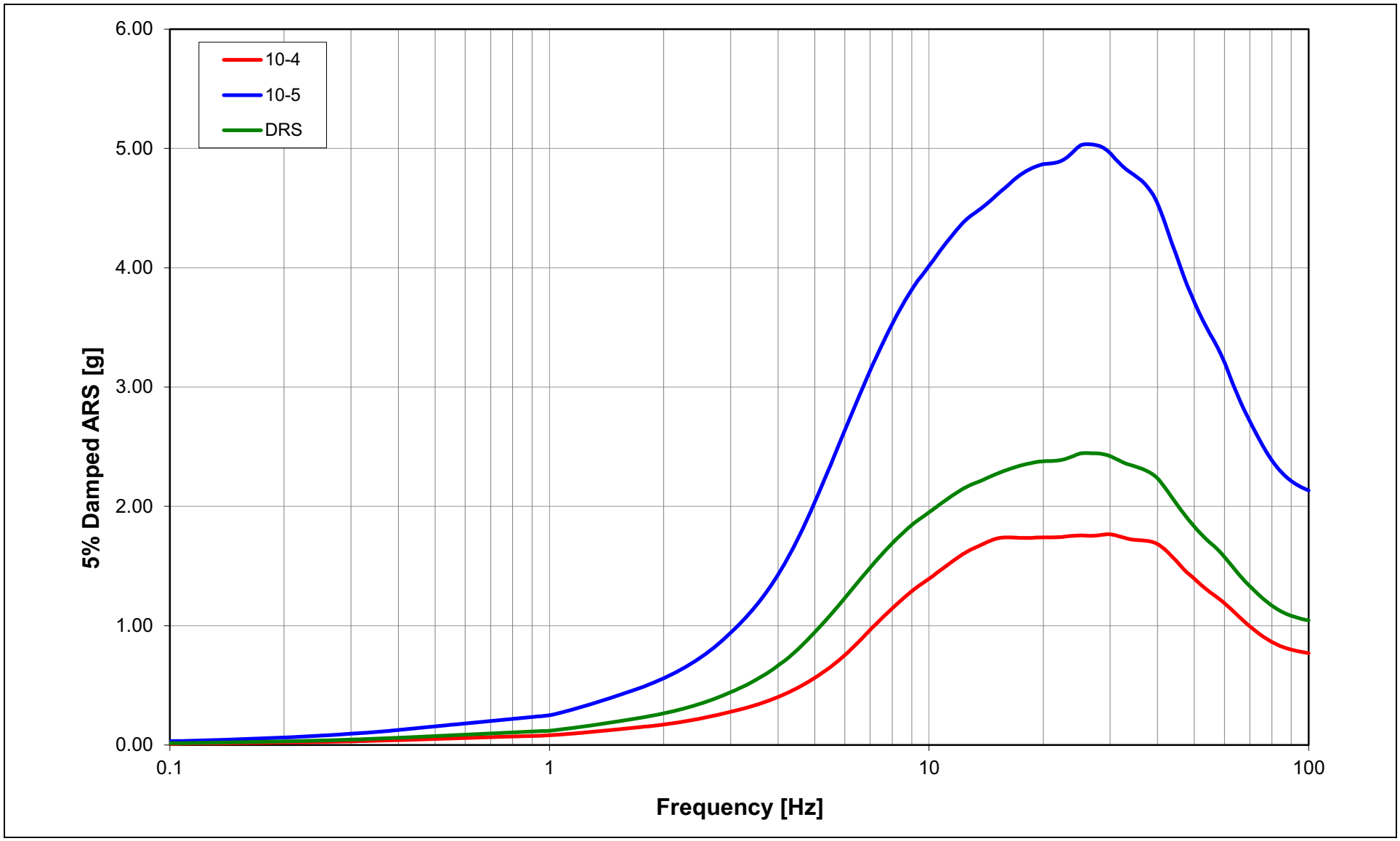
NAPS COL 2.0-27-A

Figure 2.5.2-295 Mean Horizontal Full Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Full Column Outcrop DRS for RB/FB Soil Column at Elevation 241 ft (BoF for CB)



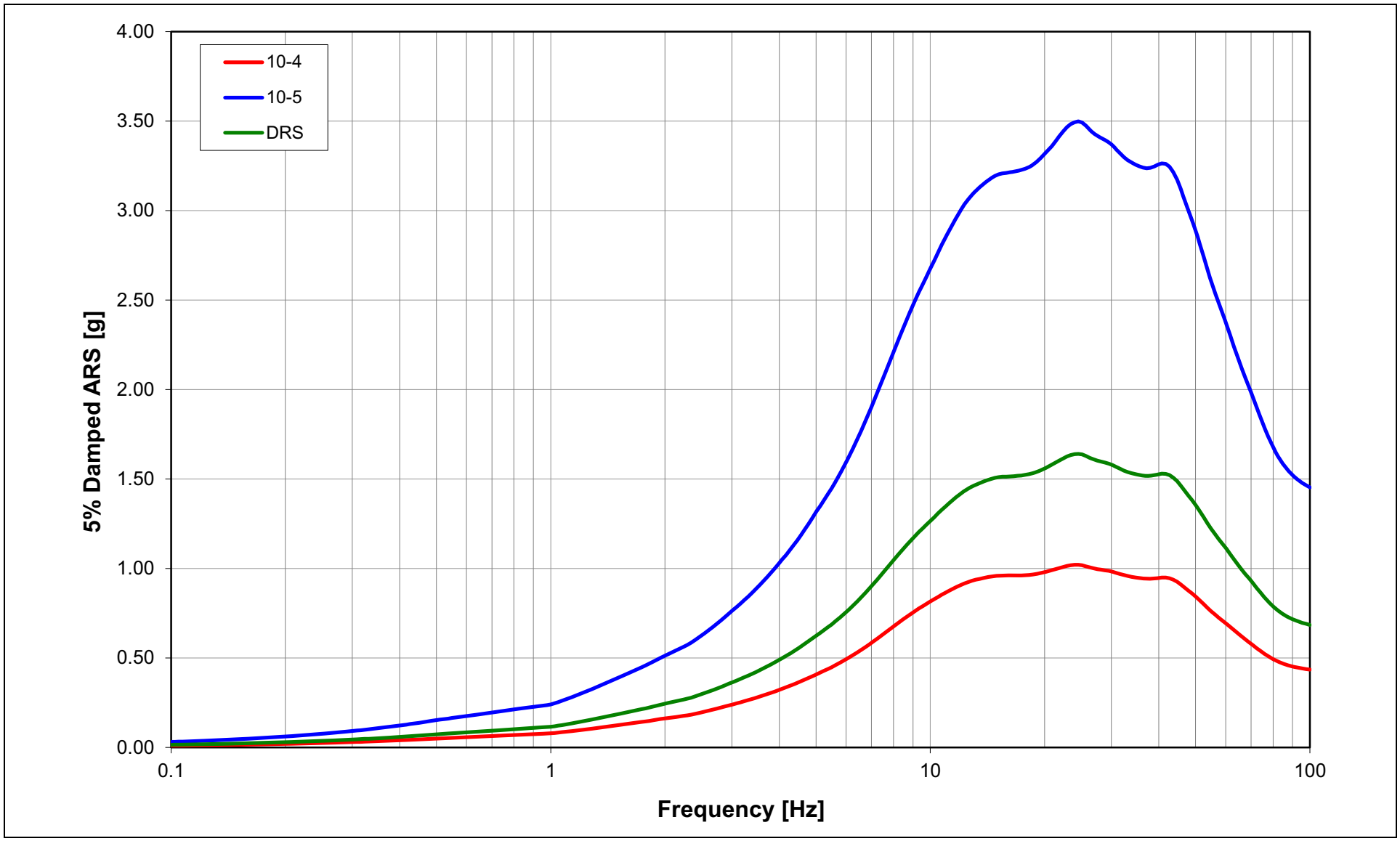
NAPS COL 2.0-27-A

Figure 2.5.2-296 Mean Horizontal Full Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Full Column Outcrop DRS for RB/FB Soil Column at Elevation 290 ft (Finished Grade)



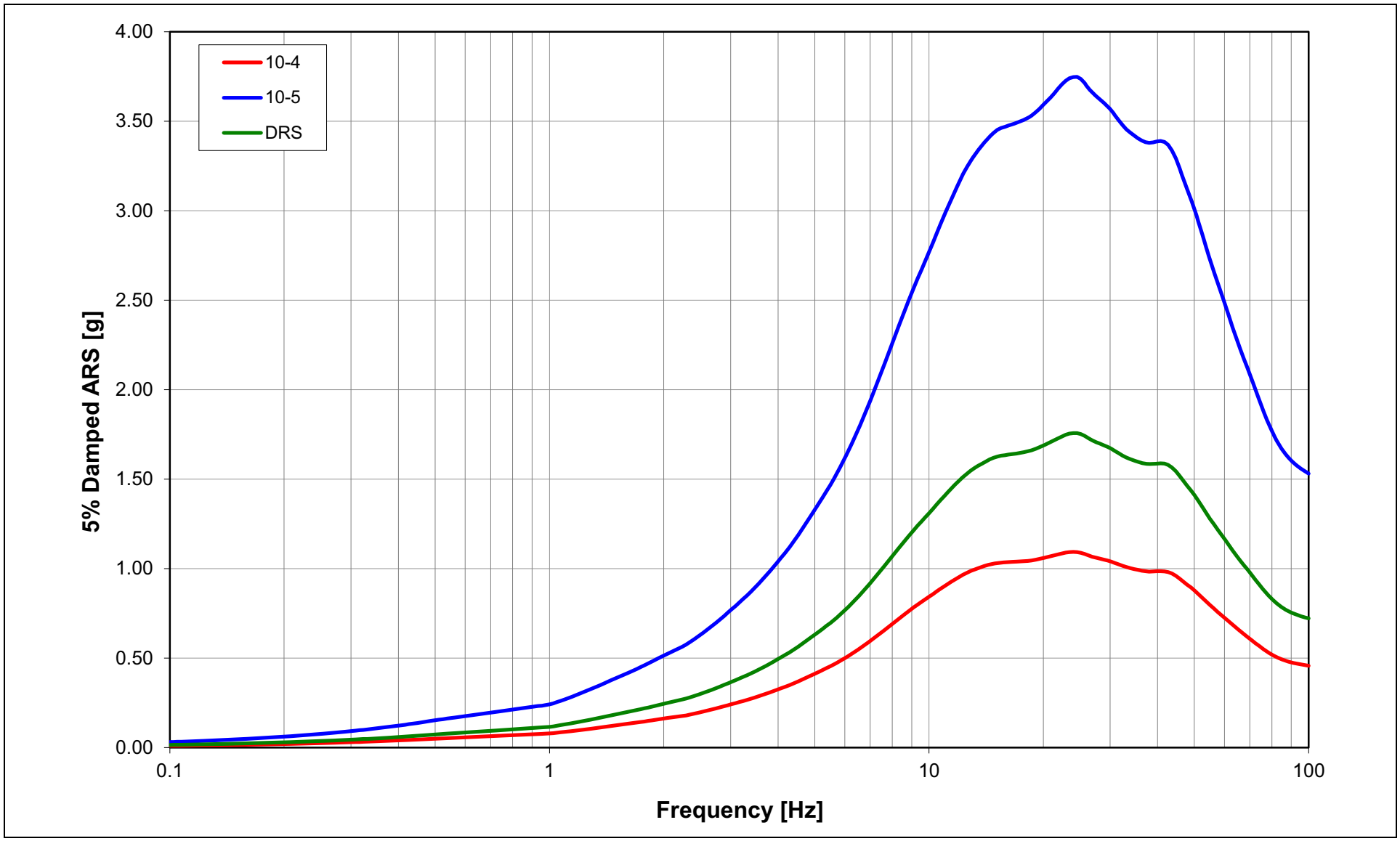
NAPS COL 2.0-27-A

Figure 2.5.2-297 Mean Horizontal Partial Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Partial Column Outcrop DRS for RB/FB Soil Column at Elevation 224 ft (BoF for RB/FB)



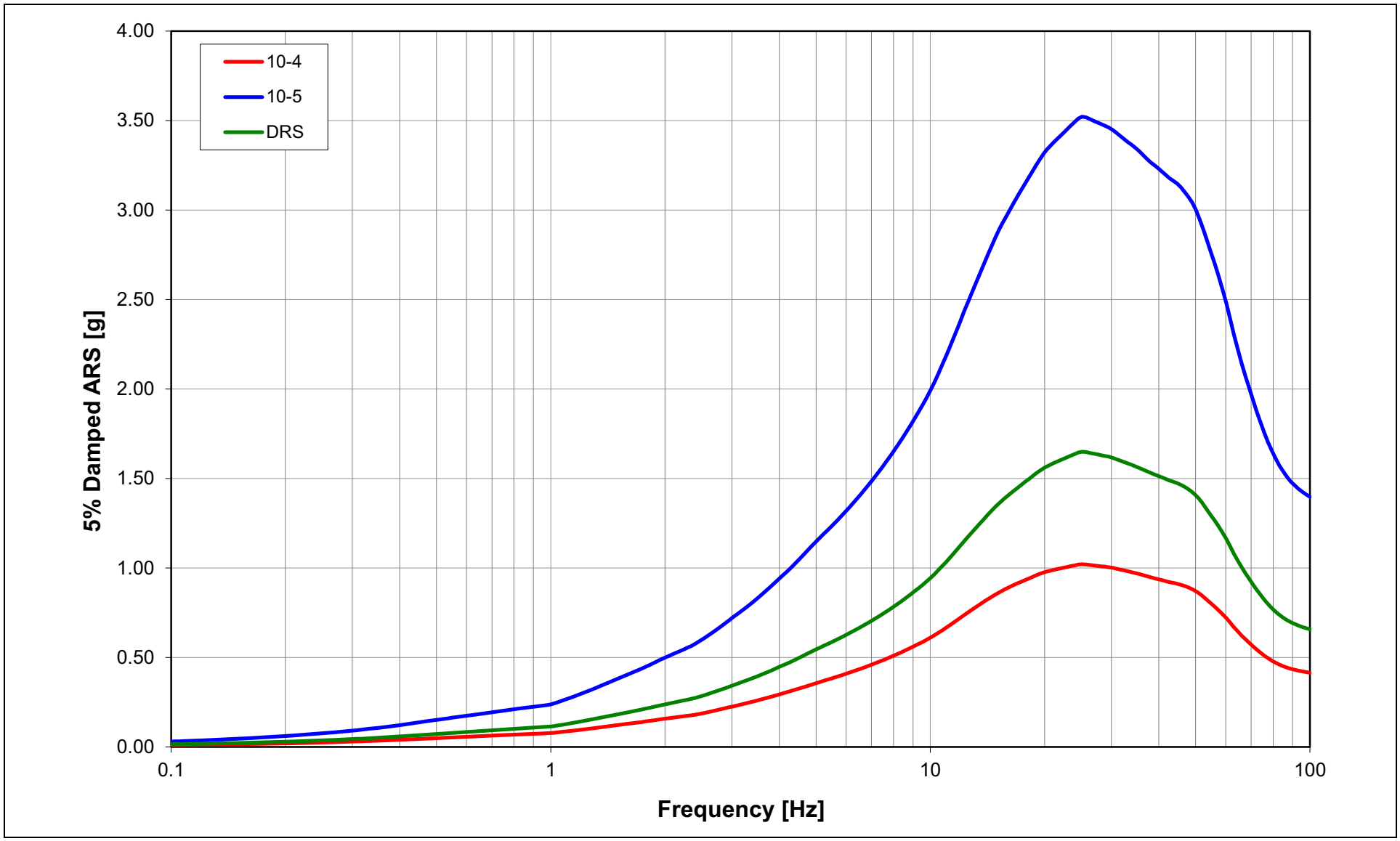
NAPS COL 2.0-27-A

Figure 2.5.2-298 Mean Horizontal Partial Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Partial Column Outcrop DRS for RB/FB Soil Column at Elevation 241 ft (BoF for CB)



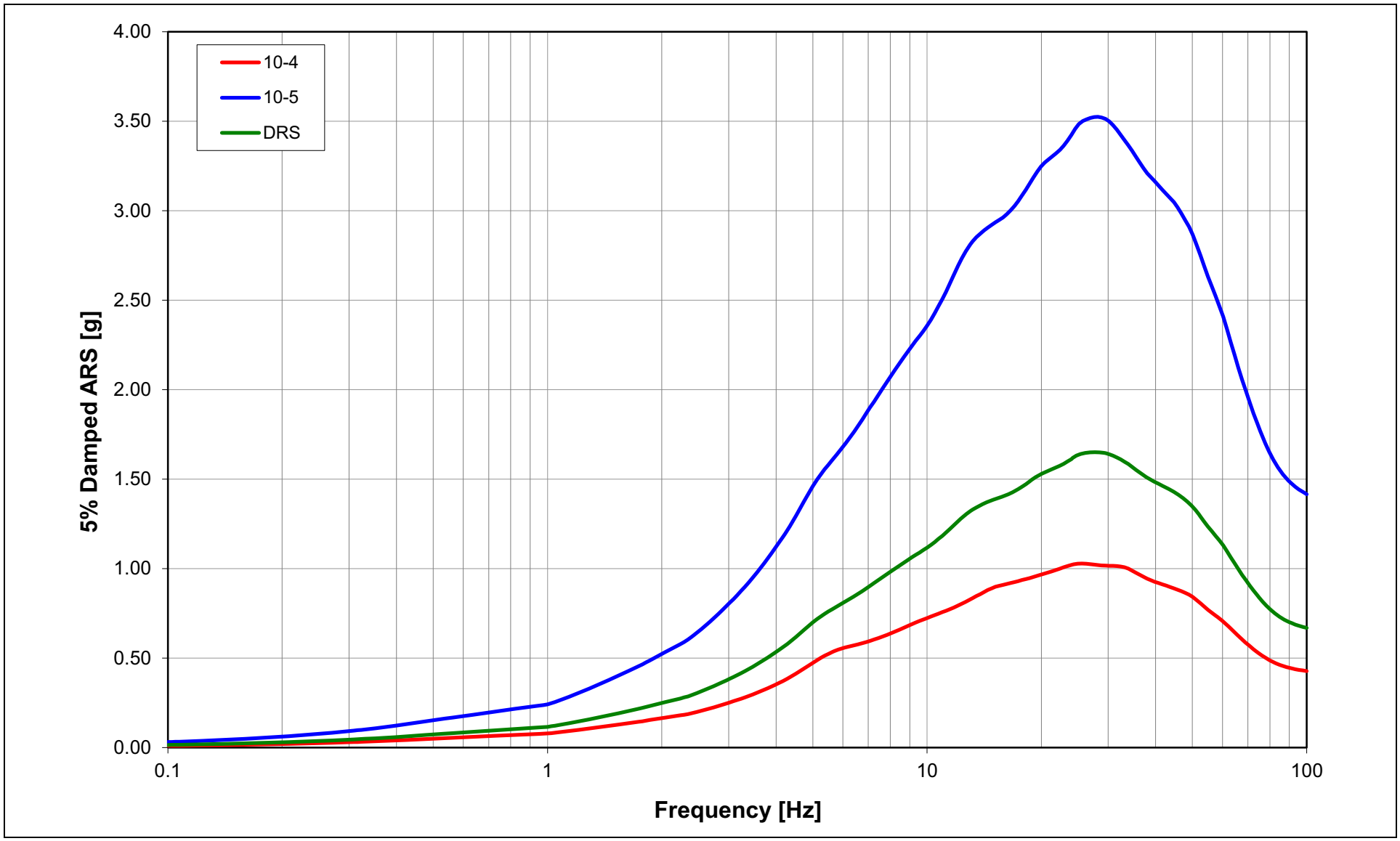
NAPS COL 2.0-27-A

Figure 2.5.2-299 Mean Horizontal Geologic Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Geologic Outcrop DRS for RB/FB Soil Column at Elevation 224 ft (GMRS Horizon)



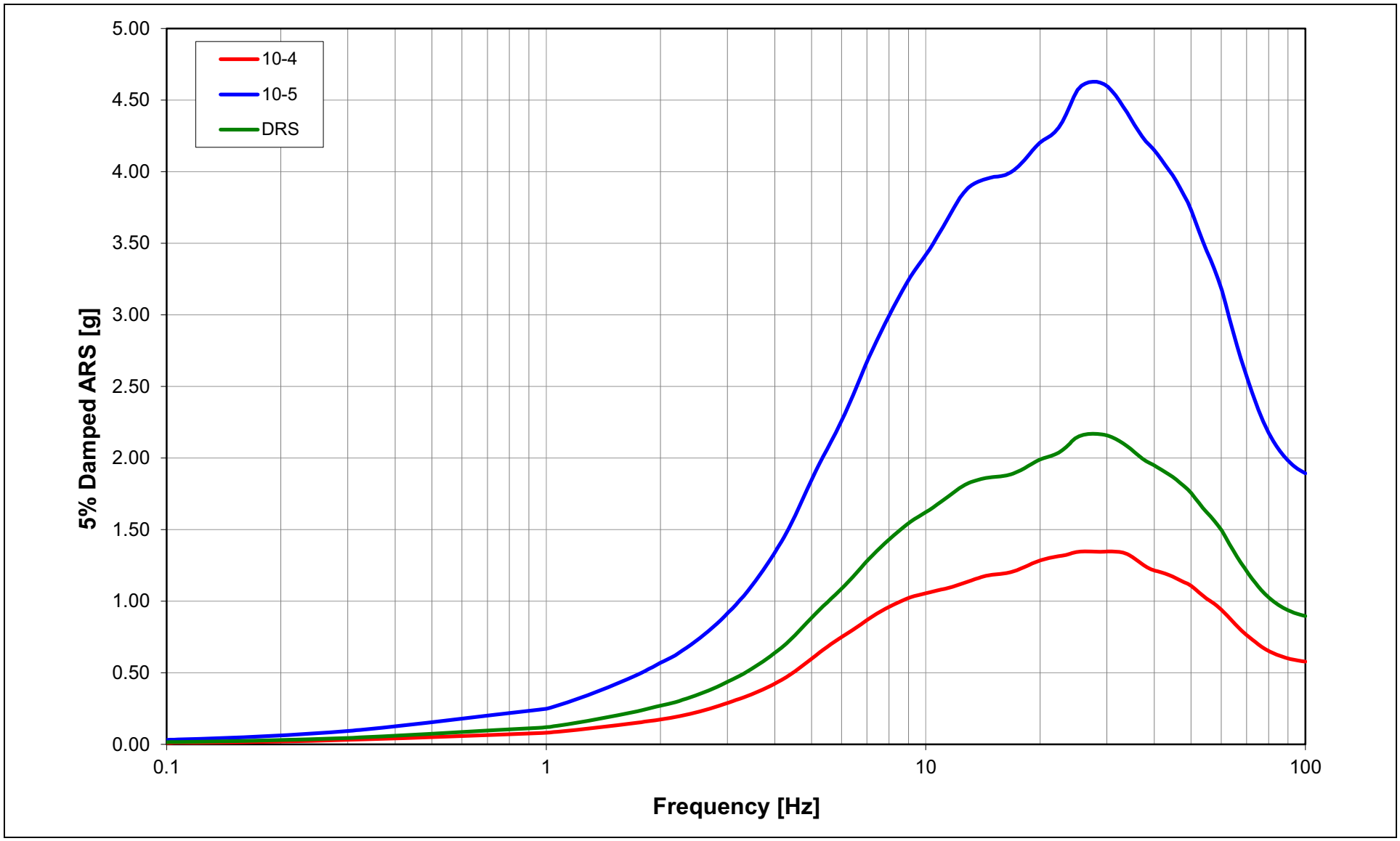
NAPS COL 2.0-27-A

Figure 2.5.2-300 Mean Horizontal Full Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Full Column Outcrop DRS for CB Soil Column at Elevation 224 ft (BoF for RB/FB)



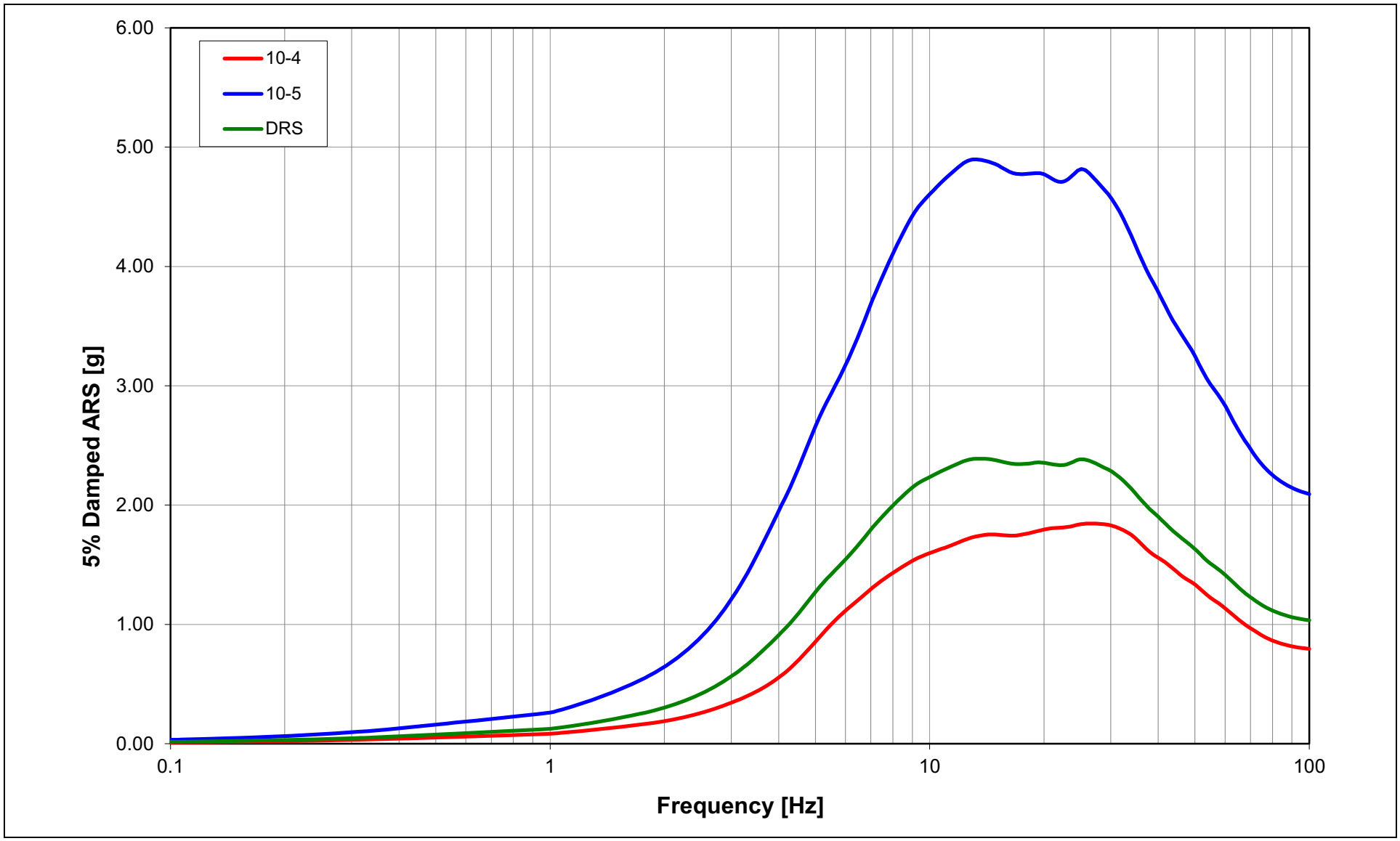
NAPS COL 2.0-27-A

Figure 2.5.2-301 Mean Horizontal Full Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Full Column Outcrop DRS for CB Soil Column at Elevation 241 ft (BoF for CB)



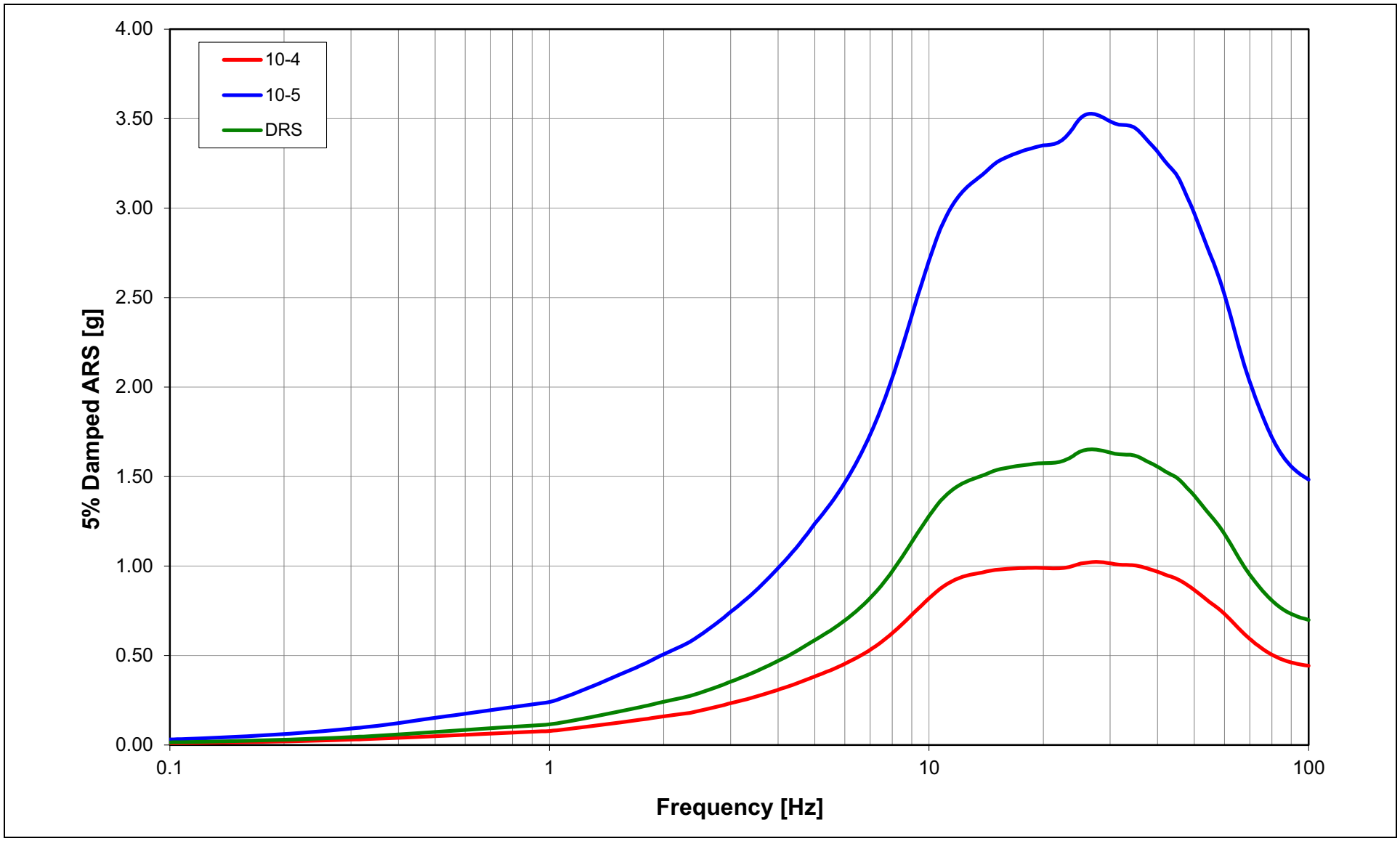
NAPS COL 2.0-27-A

Figure 2.5.2-302 Mean Horizontal Full Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Full Column Outcrop DRS for CB Soil Column at Elevation 290 ft (Finished Grade)



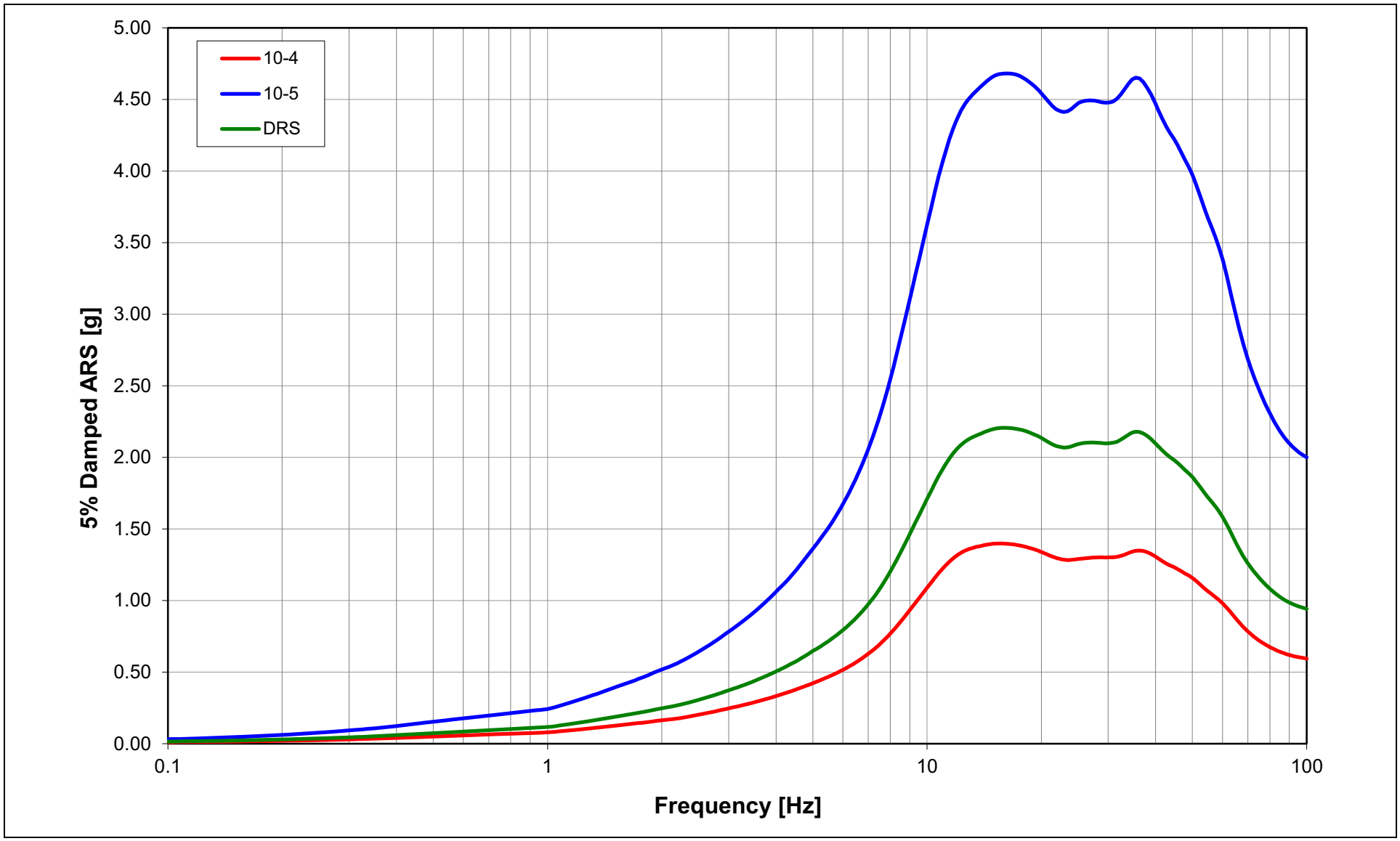
NAPS COL 2.0-27-A

Figure 2.5.2-303 Mean Horizontal Partial Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Partial Column Outcrop DRS for CB Soil Column at Elevation 224 ft (BoF for RB/FB)



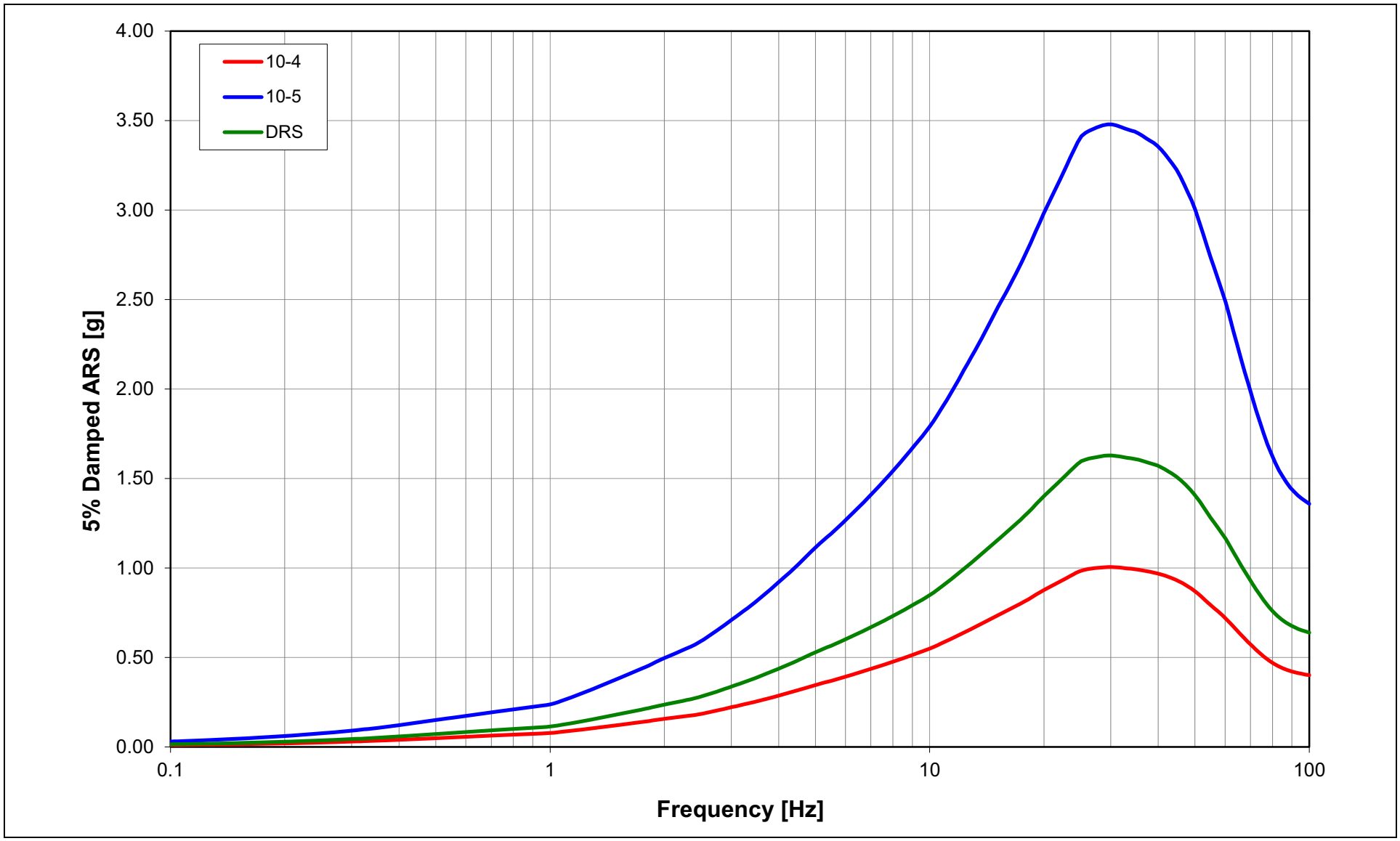
NAPS COL 2.0-27-A

Figure 2.5.2-304 Mean Horizontal Partial Column Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Partial Column Outcrop DRS for CB Soil Column at Elevation 241 ft (BoF for CB)



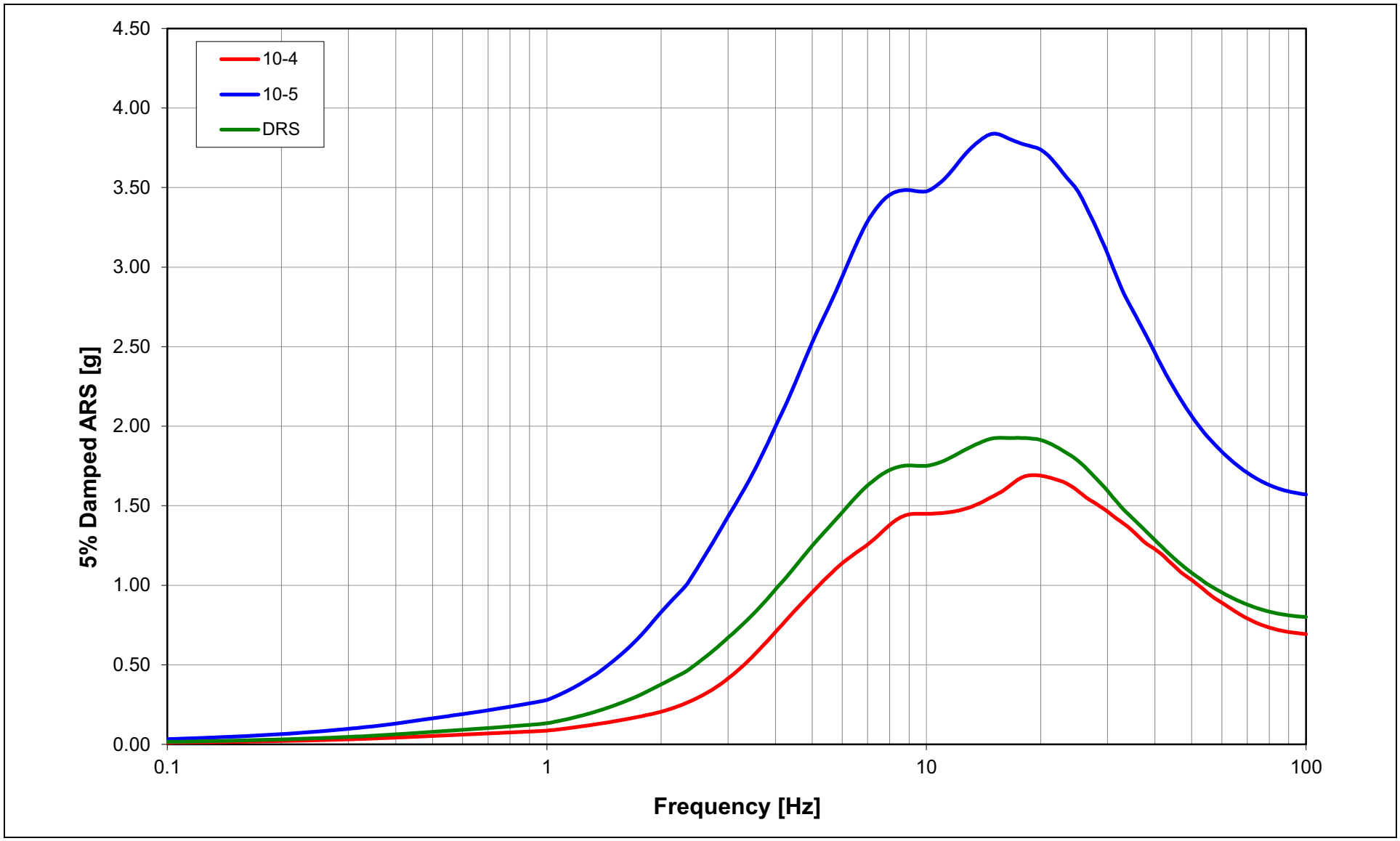
NAPS COL 2.0-27-A

Figure 2.5.2-305 Mean Horizontal Geologic Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Geologic Outcrop DRS for CB Soil Column at Elevation 224 ft (GMRS Horizon)



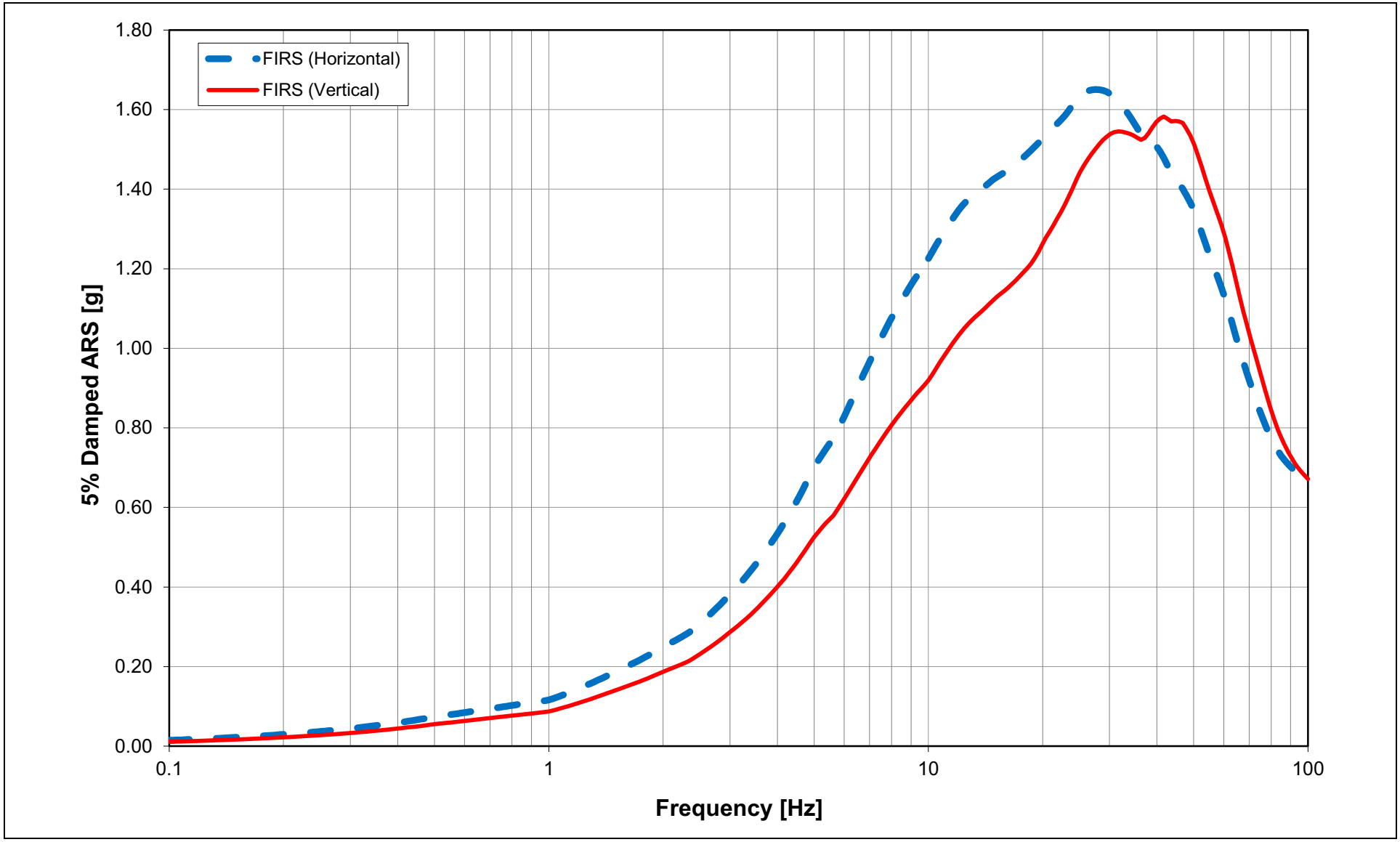
NAPS COL 2.0-27-A

Figure 2.5.2-306 Mean Horizontal Geologic Outcrop UHRS at 10^{-4} and 10^{-5} Hazard Levels and Geologic Outcrop DRS for FWSC Soil Column at Elevation 282 ft (BoF for FWSC)



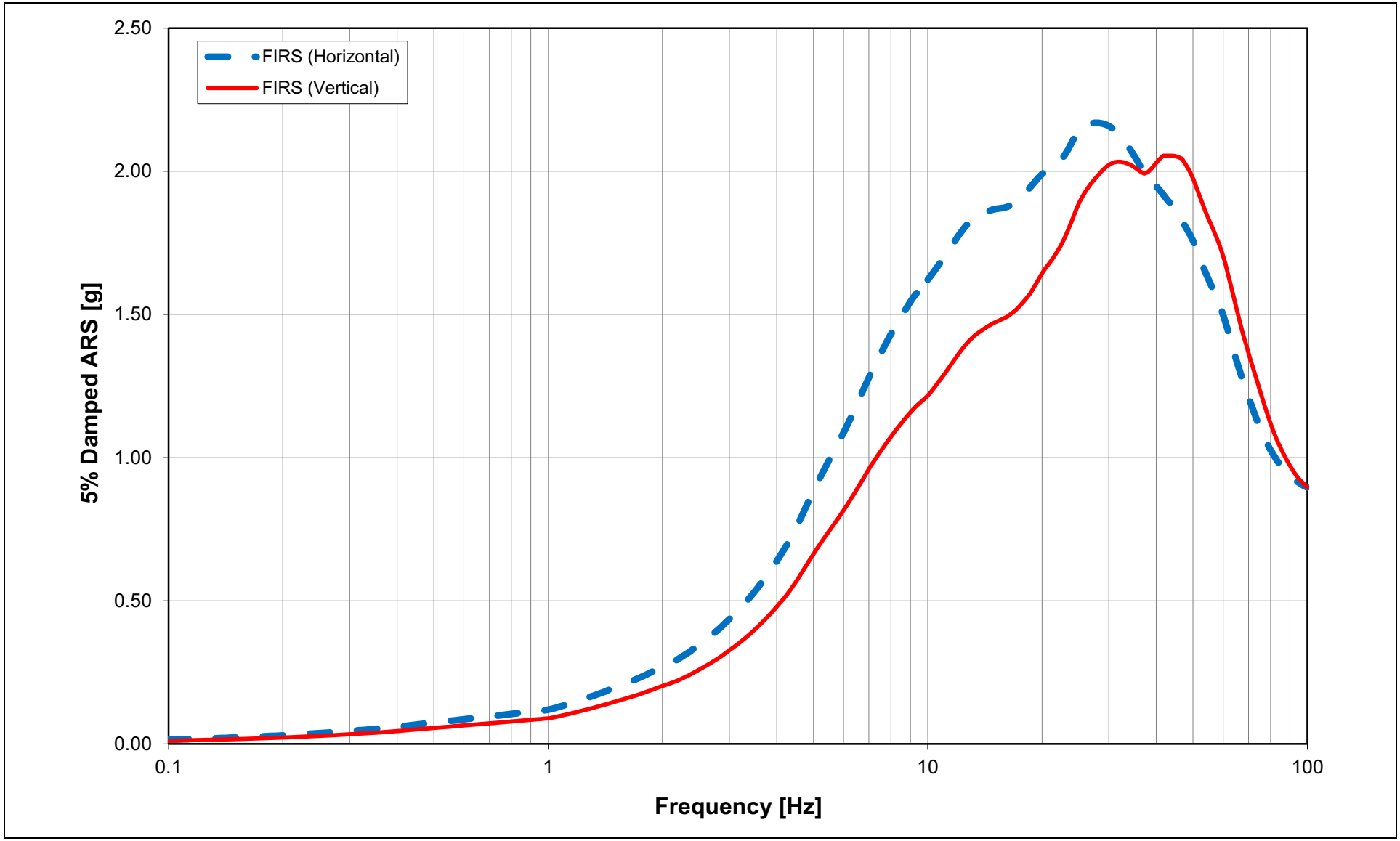
NAPS COL 2.0-27-A
NAPS DEP 3.7-1

Figure 2.5.2-307 Horizontal and Vertical RB/FB Full Column Outcrop FIRS



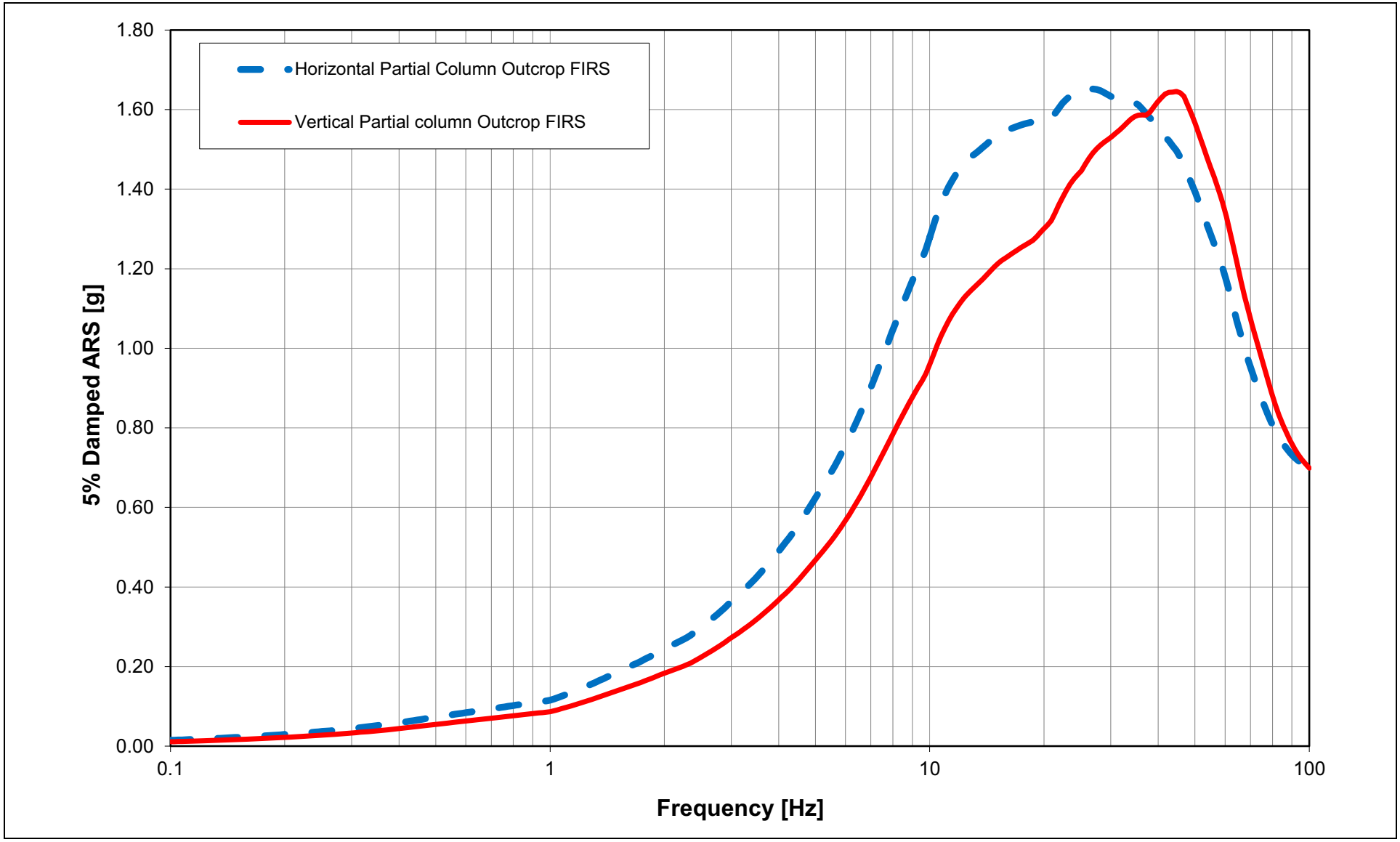
NAPS COL 2.0-27-A
NAPS DEP 3.7-1

Figure 2.5.2-308 Horizontal and Vertical CB Full Column Outcrop FIRS



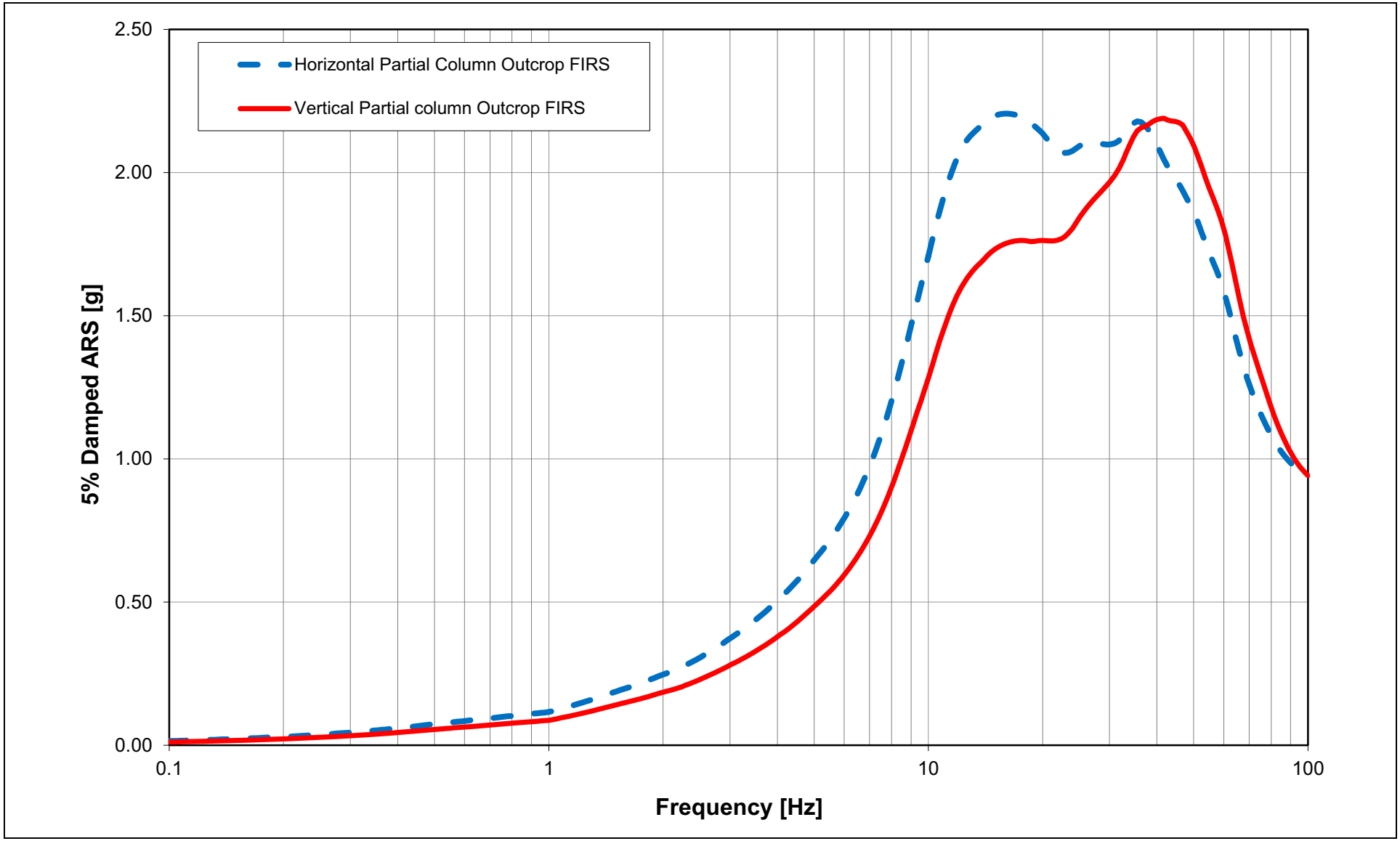
NAPS COL 2.0-27-A
NAPS DEP 3.7-1

Figure 2.5.2-309 Horizontal and Vertical RB/FB Partial Column Outcrop FIRS

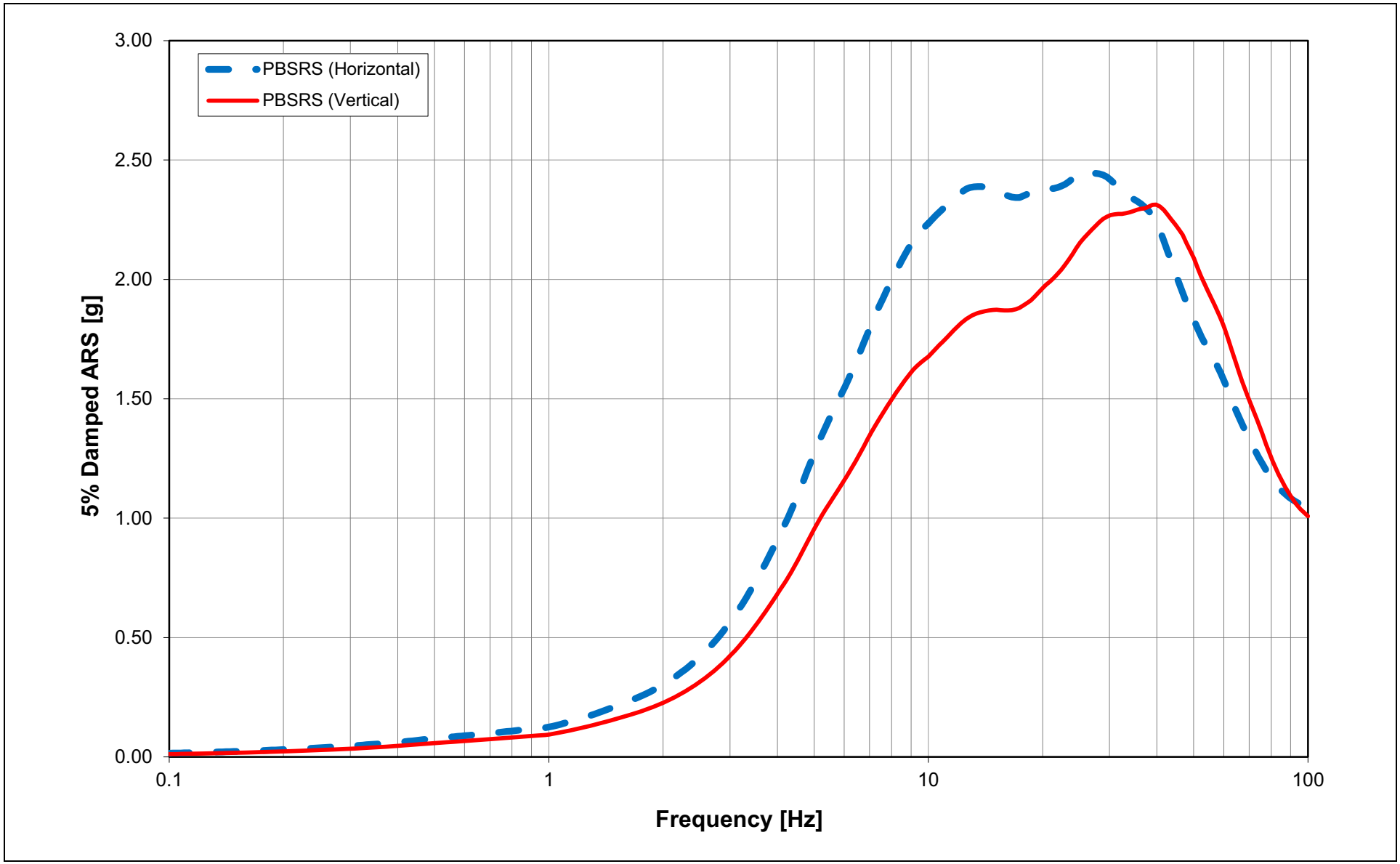


NAPS COL 2.0-27-A
NAPS DEP 3.7-1

Figure 2.5.2-310 Horizontal and Vertical CB Partial Column Outcrop FIRS

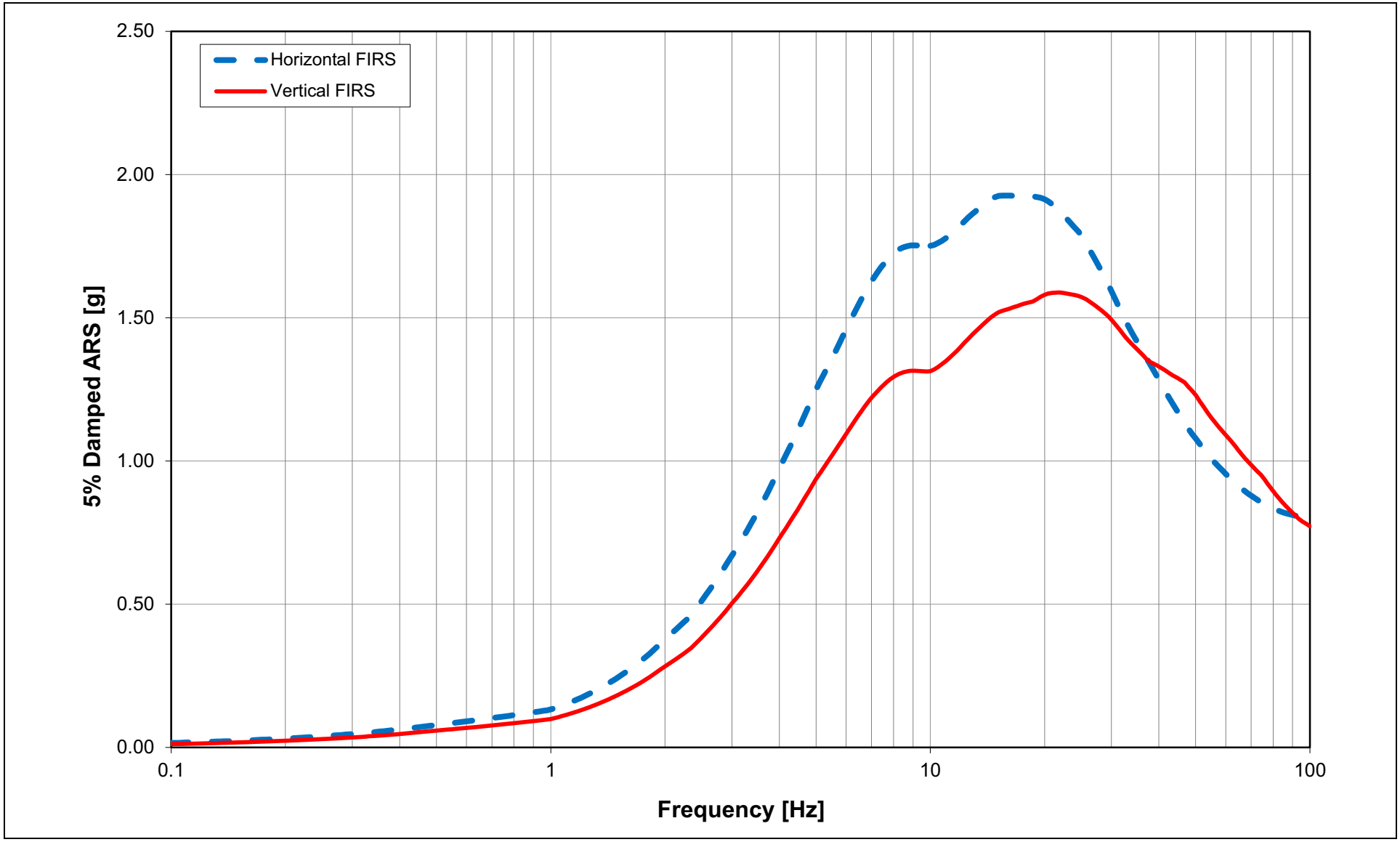


NAPS COL 2.0-27-A **Figure 2.5.2-311 Horizontal and Vertical PBSRS for RB/FB and CB**



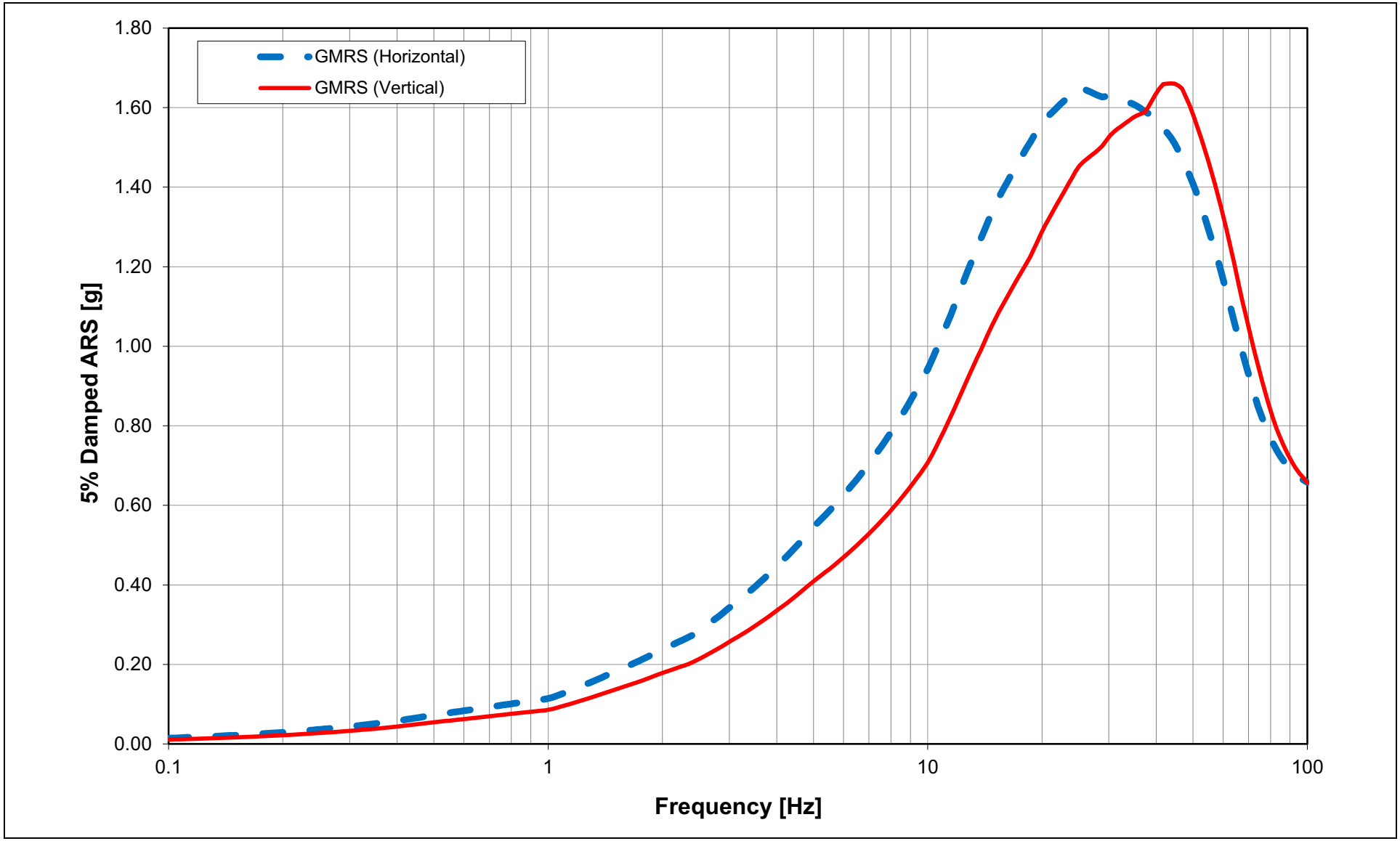
NAPS COL 2.0-27-A
NAPS DEP 3.7-1

Figure 2.5.2-312 Horizontal and Vertical FWSC Geologic Outcrop FIRS



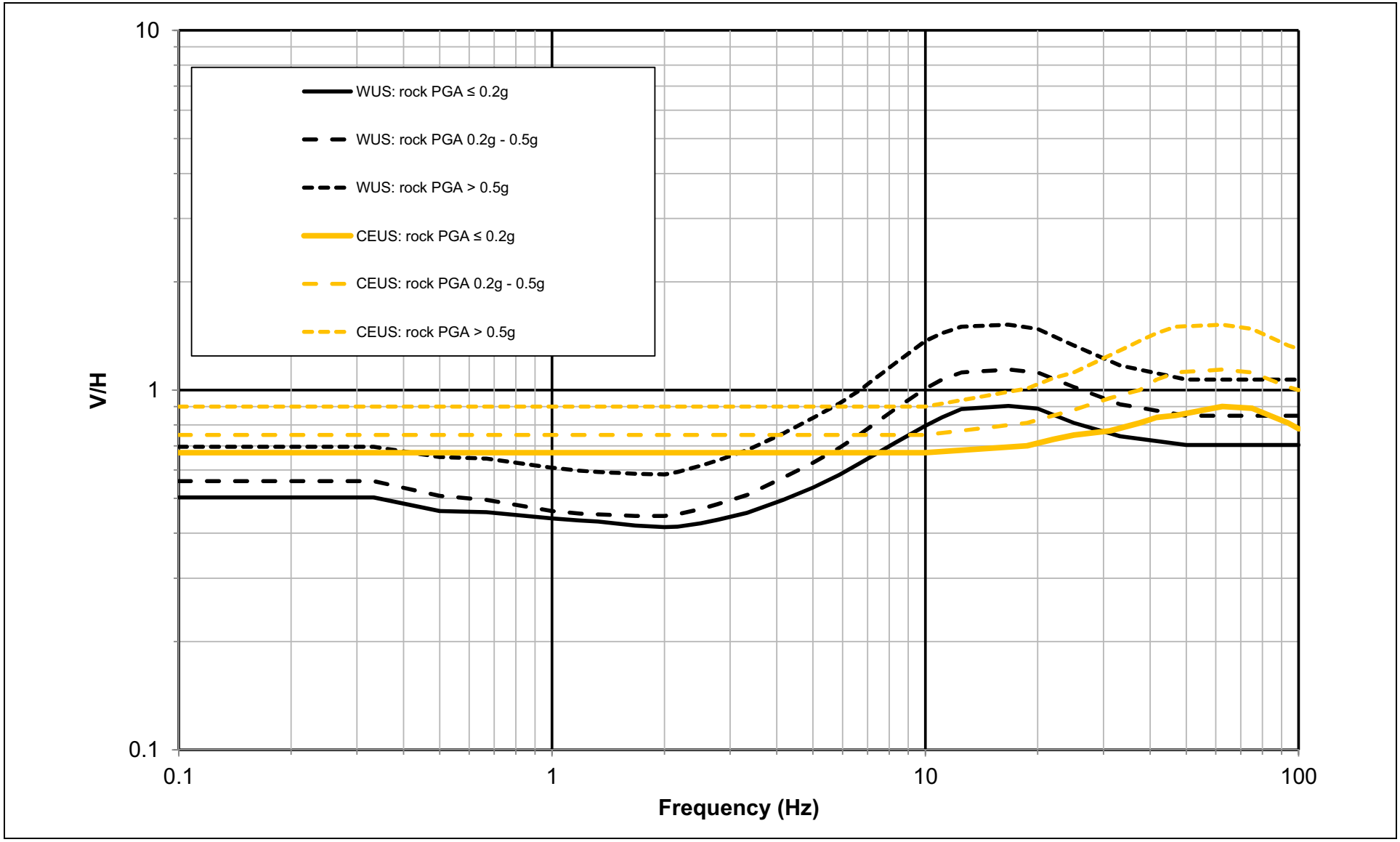
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-313 Horizontal and Vertical GMRS



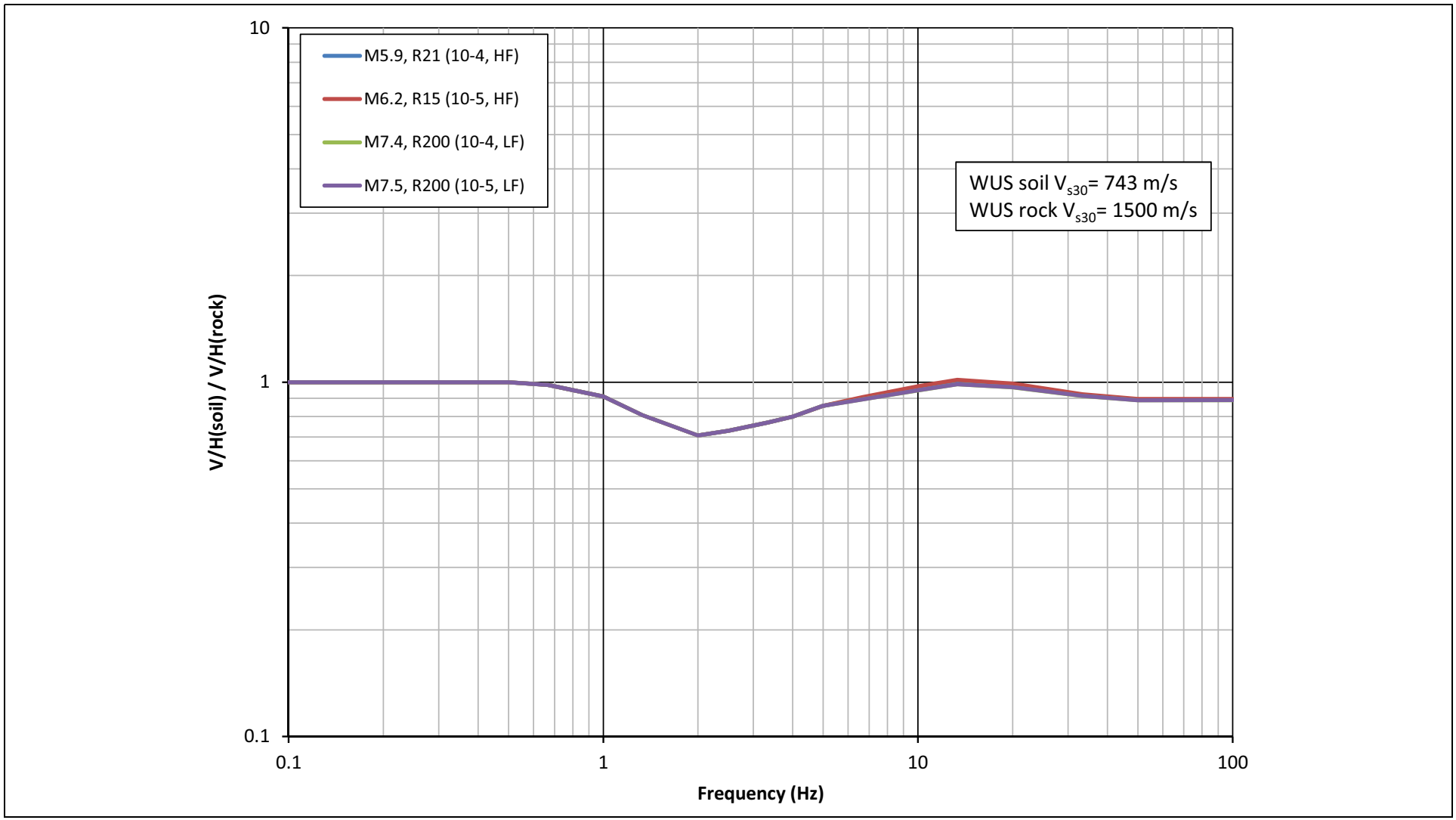
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-314 Rock V/H Ratios Recommended in NUREG/CR-6728 (Reference 2.5-385)



NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

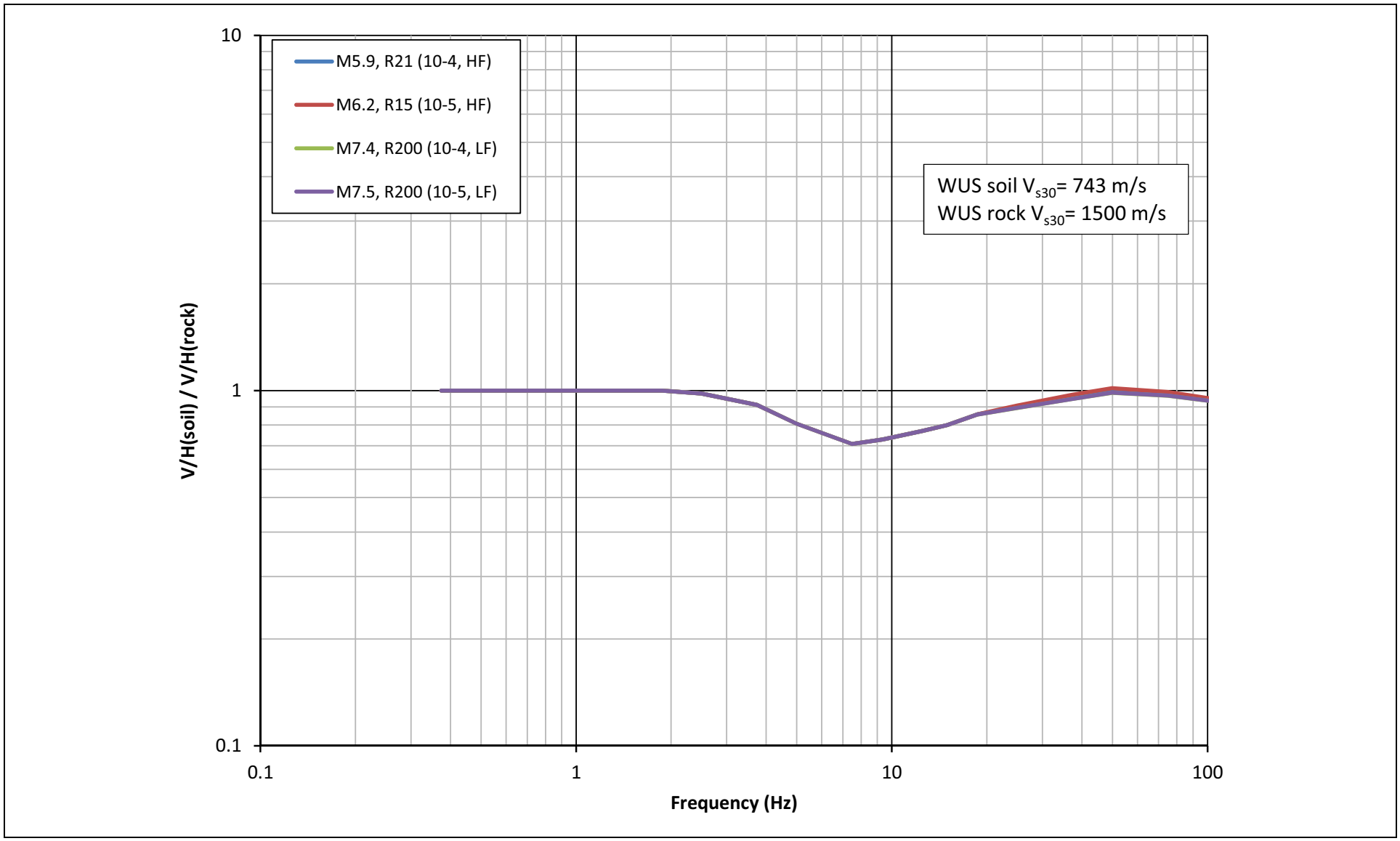
Figure 2.5.2-315 $V/H_{WUS,soil}$ / $V/H_{WUS,rock}$ (*f* (Rock-to-Soil)) from GA11 V/H Model for the Suite of Controlling Magnitudes and Distances for Soil V_{S30} of 2,439 ft/s (743 m/s) and Rock V_{S30} of ~5,000 ft/s (1,500 m/s)



NOTE: The LF distances have been capped to the maximum applicable distance (200 km) of the GA11 V/H model (Reference 2.5-388)

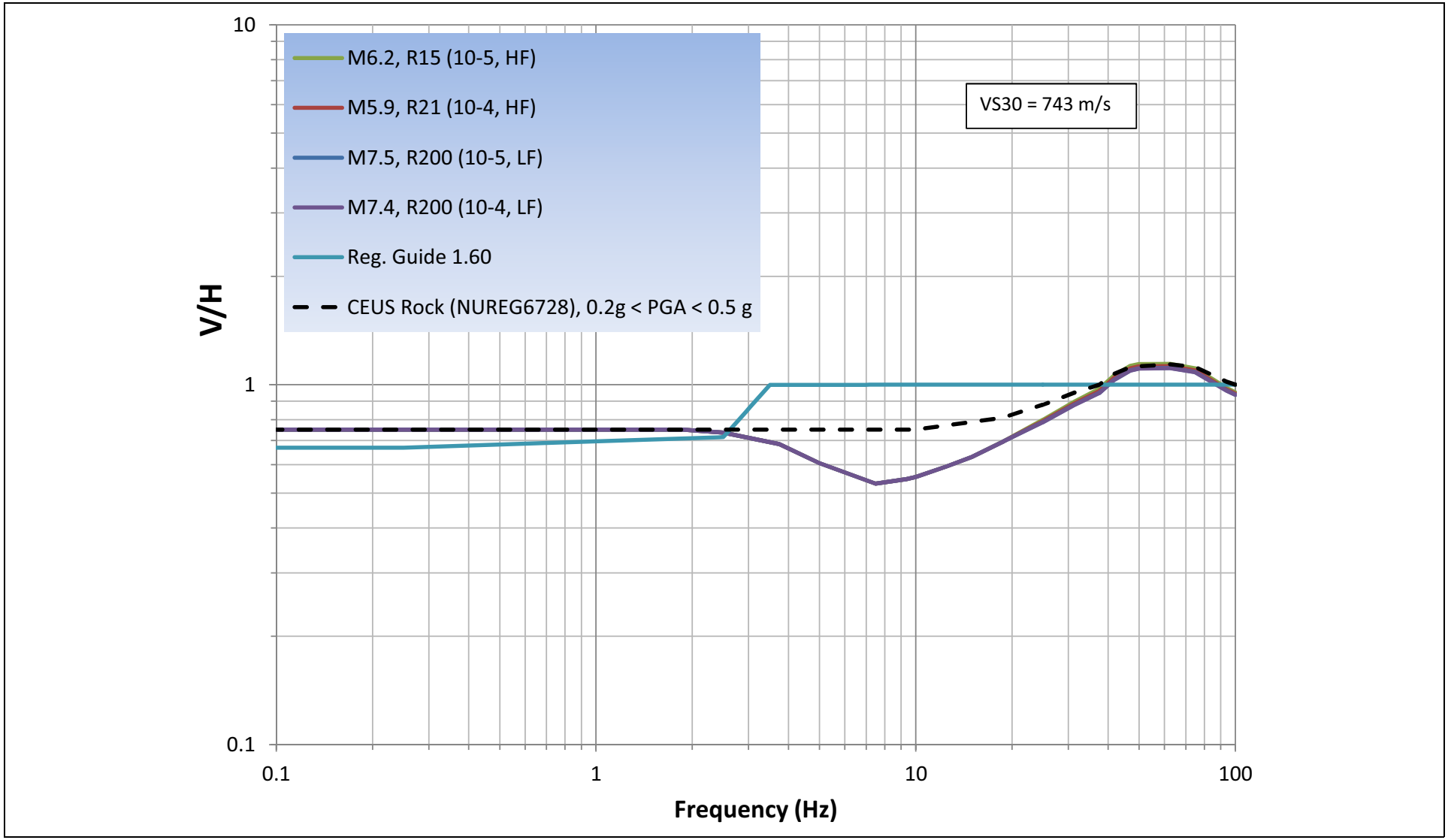
NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-316 Frequency-Shifted Versions of $V/H_{WUS,soil}$ /$V/H_{WUS,rock}$ (*f* (Rock-to-Soil) × *f* (WUS-to-CEUS)) from Figure 2.5.2-315



NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

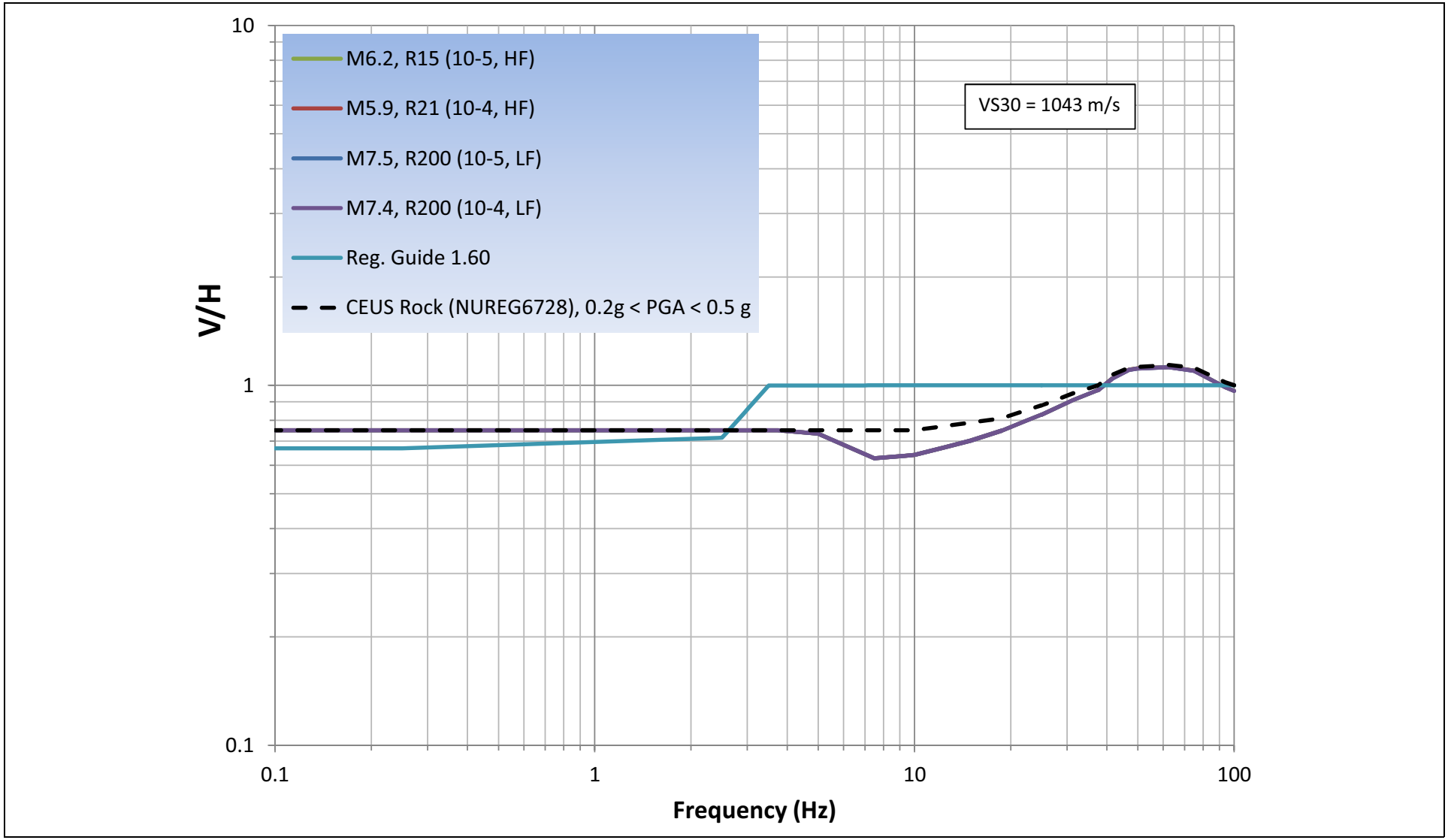
Figure 2.5.2-317 Initial $V/H_{CEUS,soil}$ for a Suite of Controlling Magnitudes and Distances and V_{S30} of 2,439 ft/s (743 m/s)



NOTE: Applicable $V/H_{CEUS,rock}$ and the V/H from RG 1.60 are shown for comparison.

NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

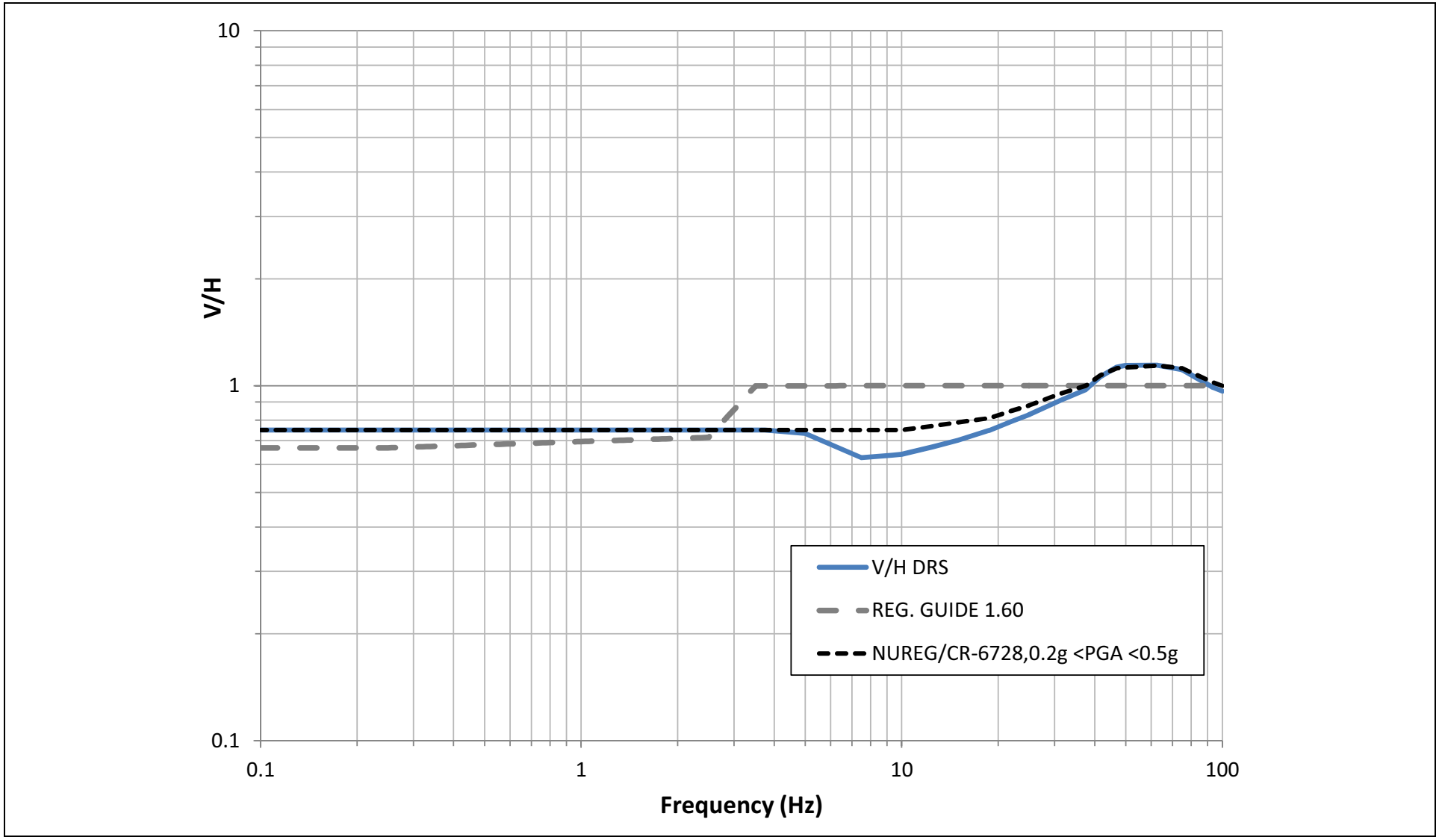
Figure 2.5.2-318 Initial $V/H_{CEUS,soil}$ for a Suite of Controlling Magnitudes and Distances and V_{S30} of 3,423 ft/s (1,043 m/s)



NOTE: Applicable $V/H_{CEUS,rock}$ and the V/H from RG 1.60 are shown for comparison.

NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

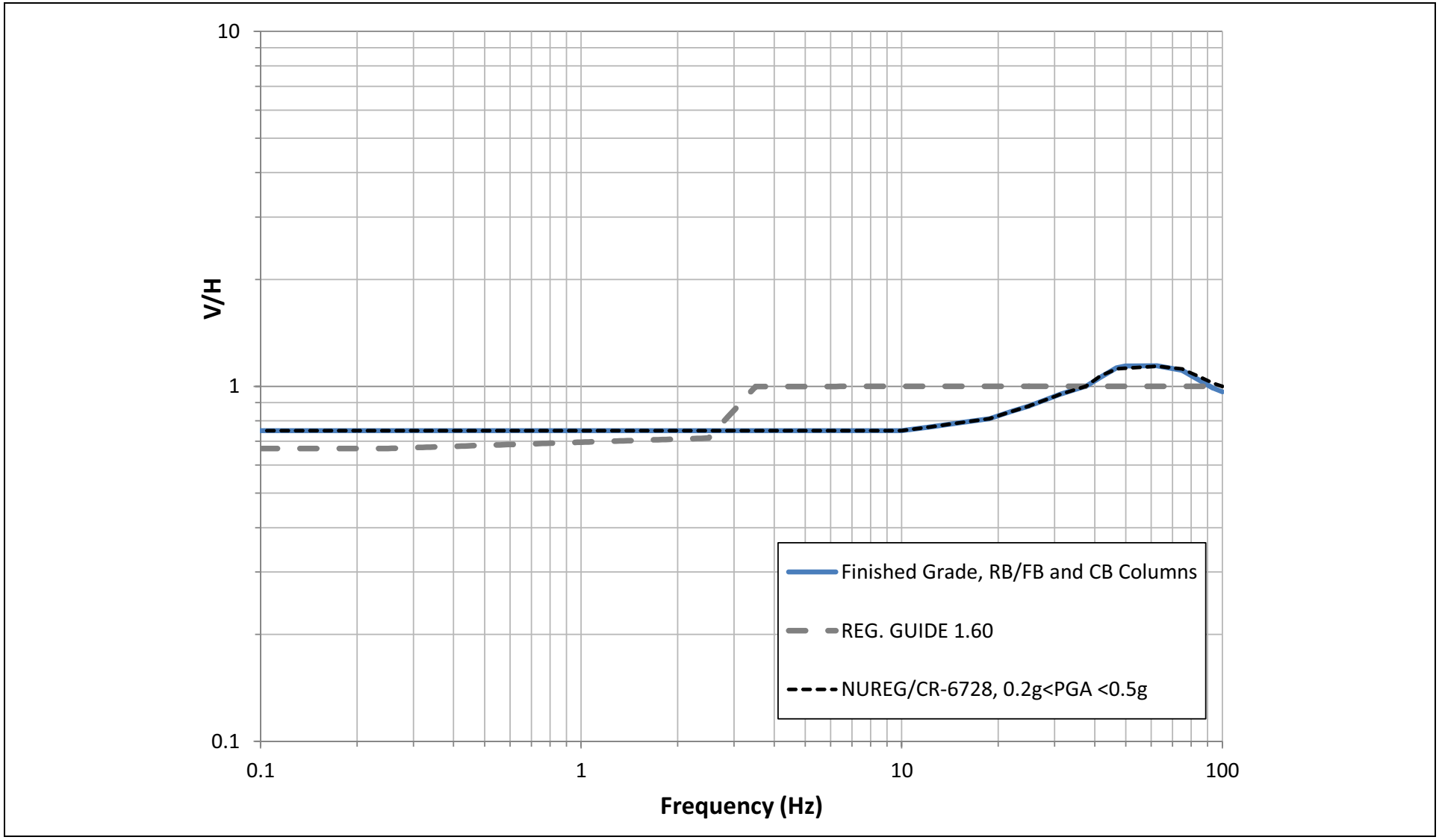
Figure 2.5.2-319 Initial PBSRS $V/H_{CEUS,soil}$ Is the Envelope of 8 V/H curves (Figures 2.5.2-317 and 2.5.2-318)



NOTE: Applicable $V/H_{CEUS,rock}$ and the V/H from RG 1.60 are shown for comparison.

NAPS COL 2.0-27-A
NAPS ESP VAR 2.0-4

Figure 2.5.2-320 Final PBSRS $V/H_{CEUS,soil}$ Where Mid-Frequency Dip Has Been Removed



NOTE: Applicable $V/H_{CEUS,rock}$ and the V/H from RG 1.60 are shown for comparison.