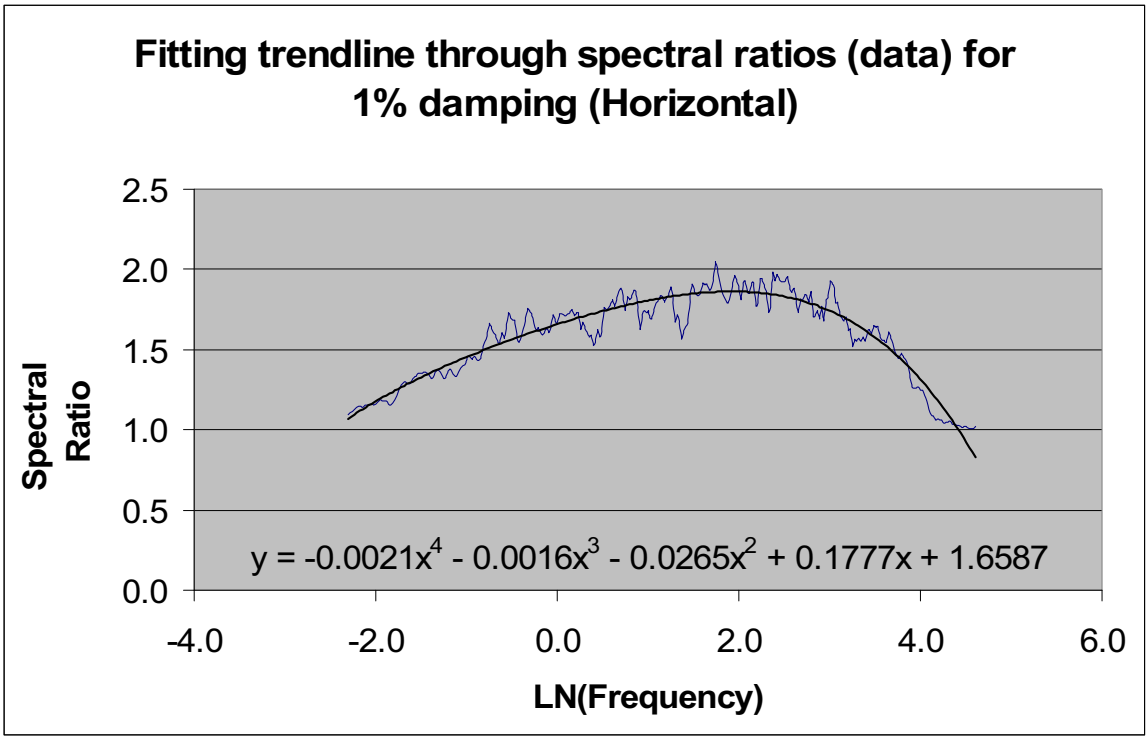
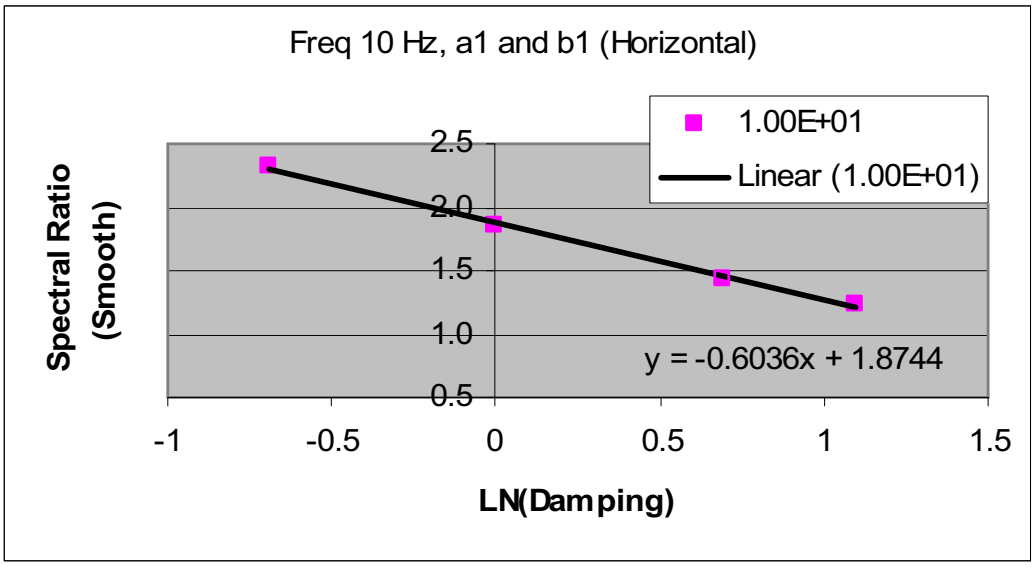


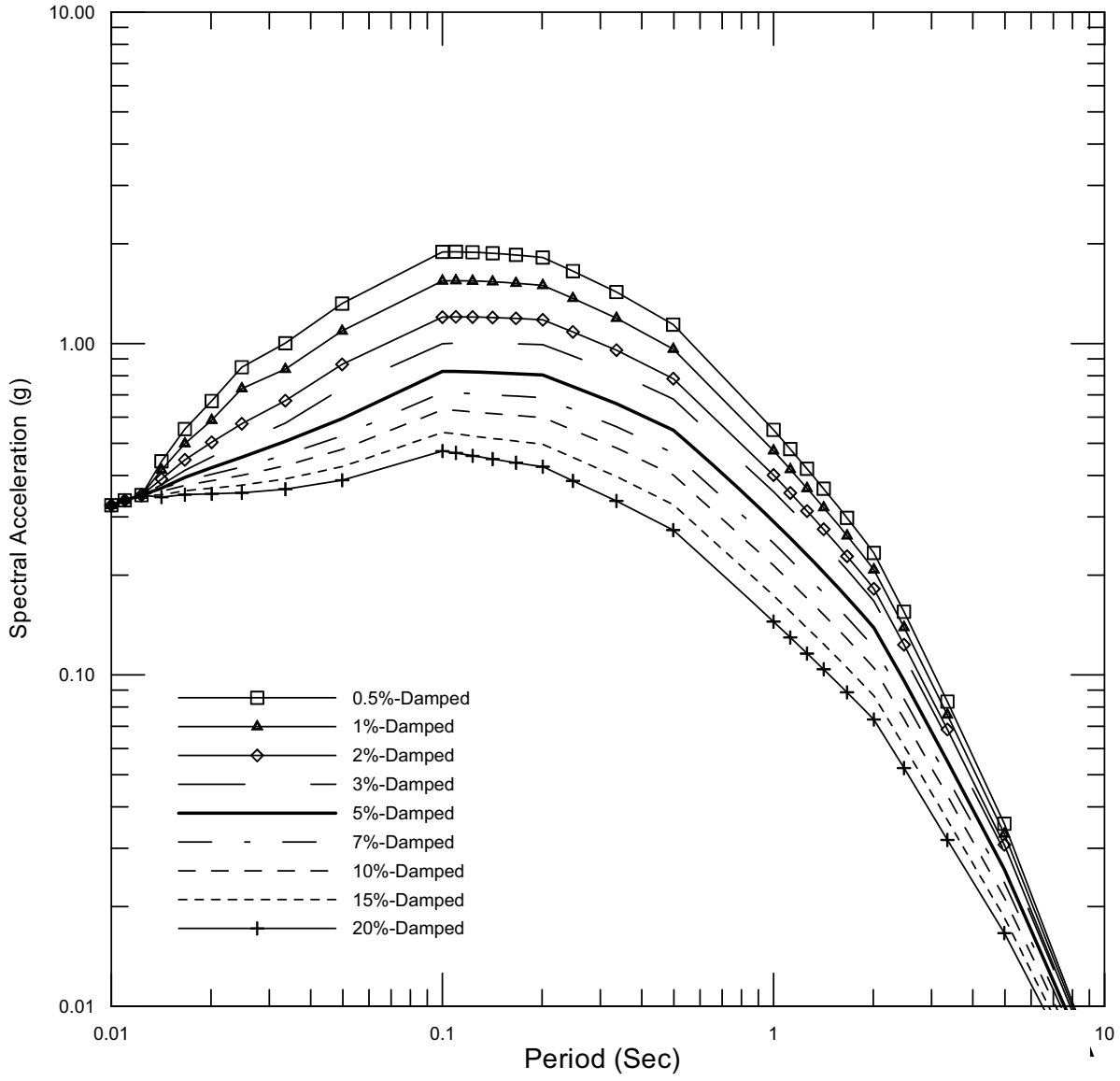
Source: Appendix D, Table D-1

Figure 6.5.2-58. A Sample Trendline Used to Compute Smooth Spectral Ratios



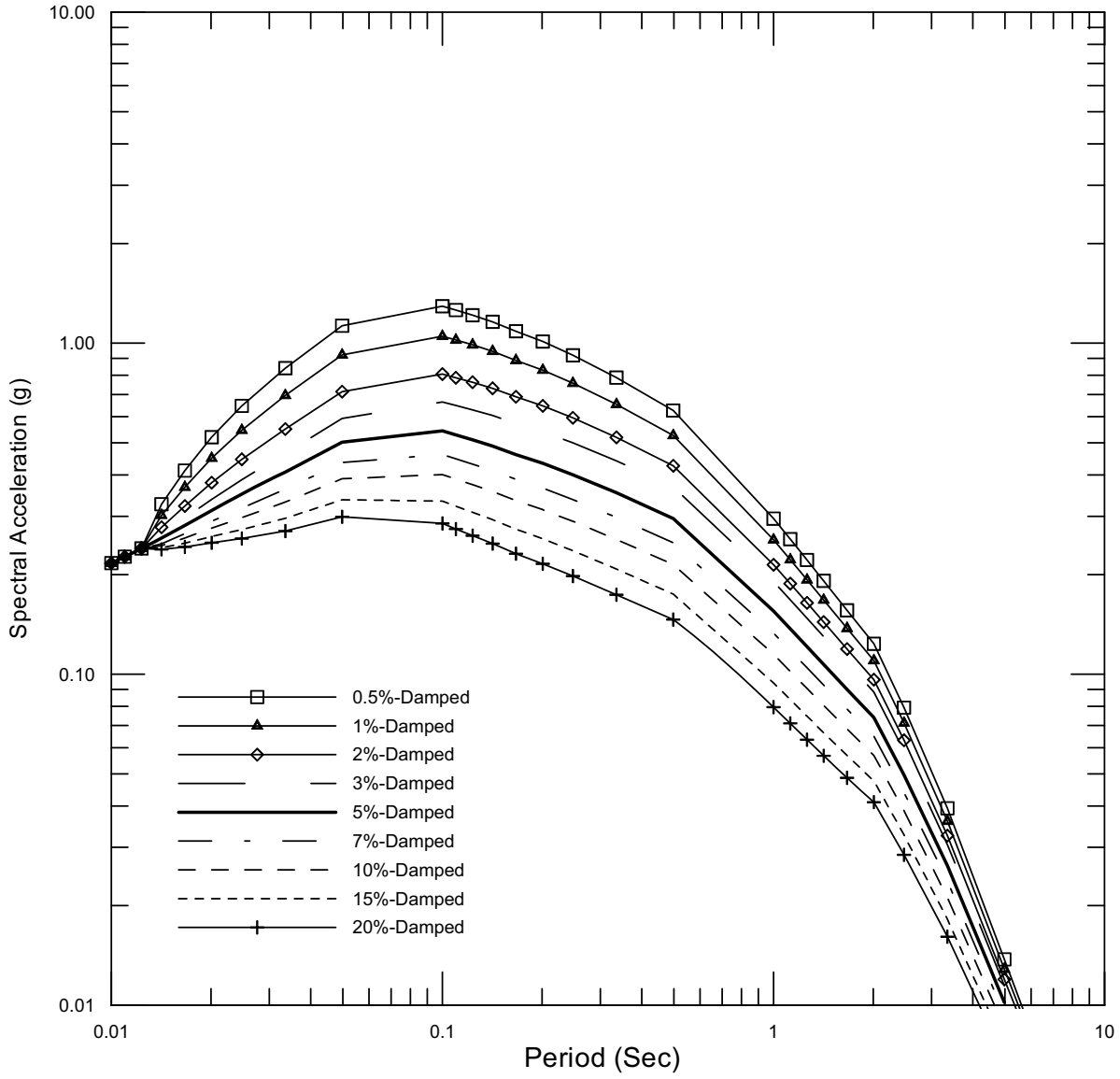
Source: Appendix D, Table D-1

Figure 6.5.2-59. An Example of Best-Fit Curve Used to Obtain the Site-Specific Coefficients



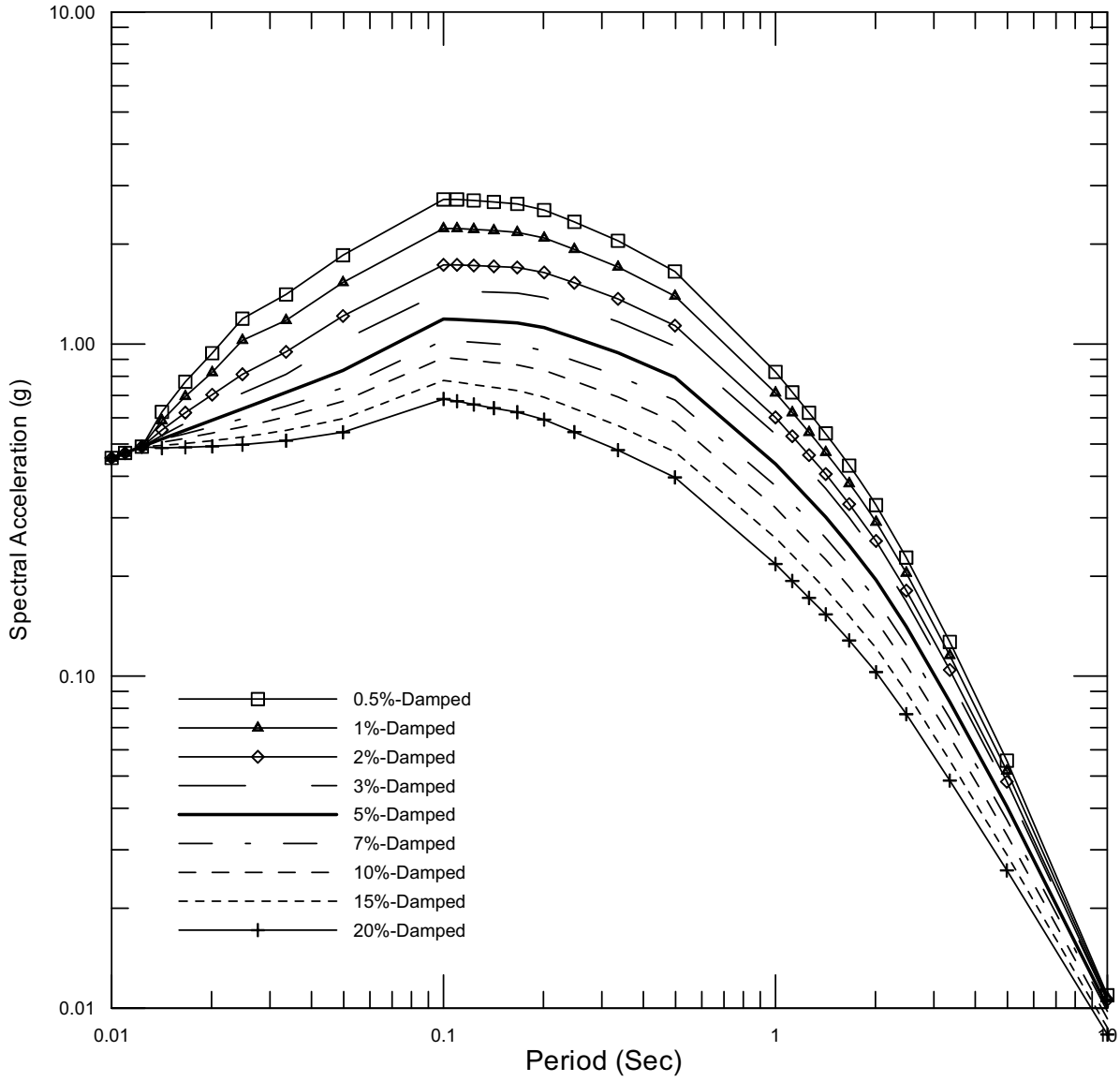
Source: Appendix D, Table D-1

Figure 6.5.2-60. Horizontal SFA Design Spectra at Multiple Dampings at 10^{-3} AFE



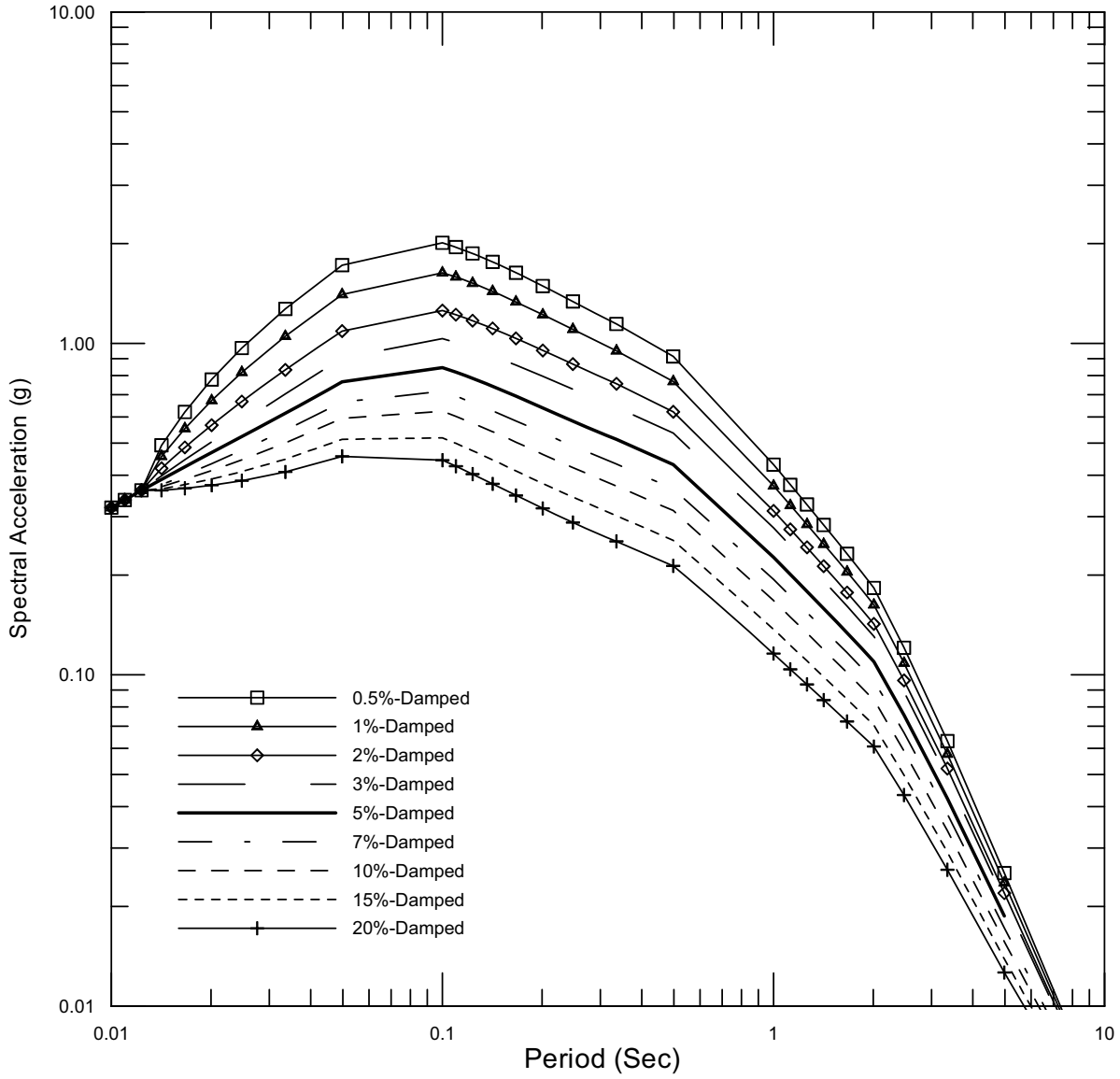
Source: Appendix D, Table D-1

Figure 6.5.2-61. Vertical SFA Design Spectra at Multiple Dampings at 10^{-3} AFE



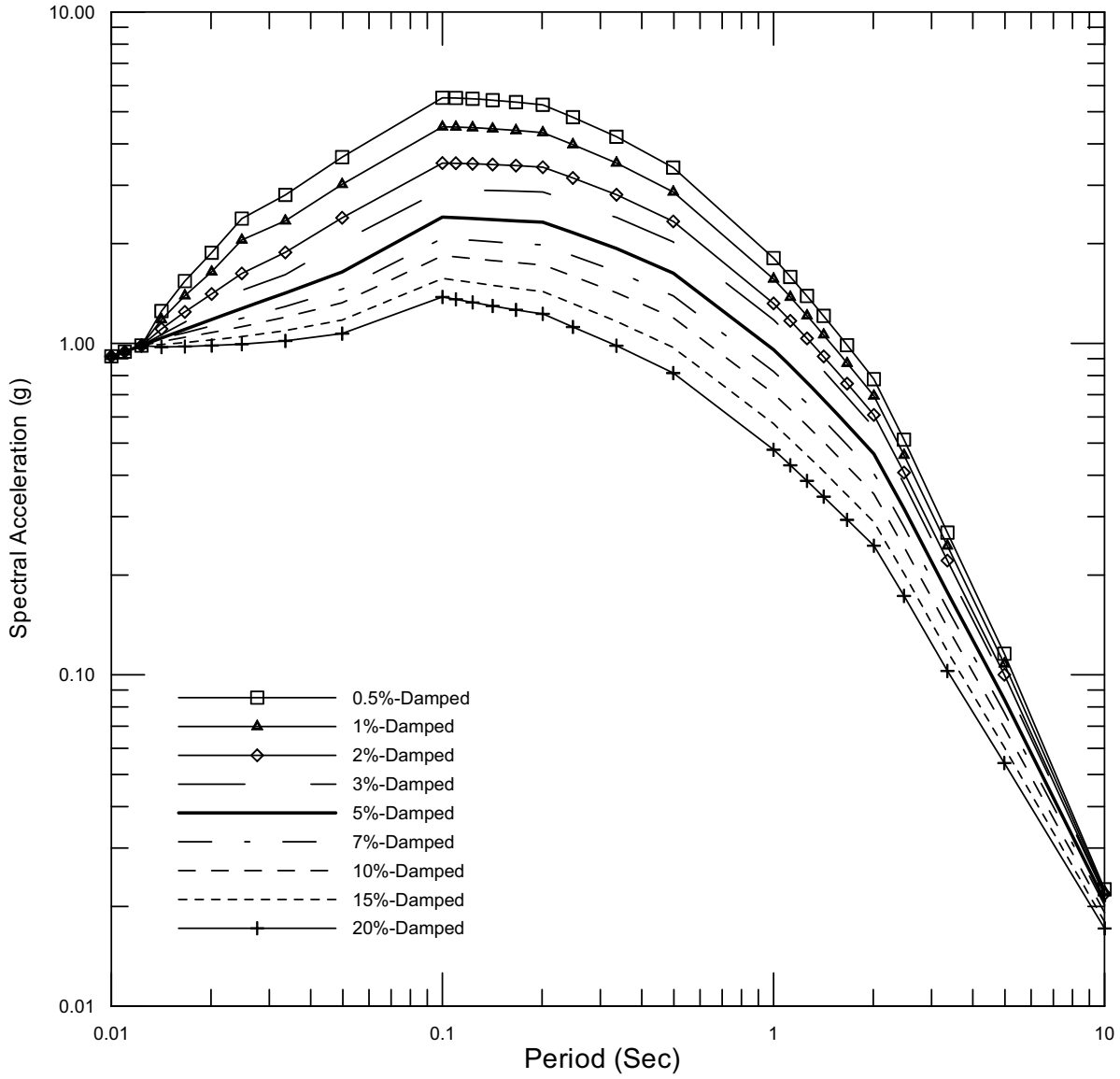
Source: Appendix D, Table D-1

Figure 6.5.2-62. Horizontal SFA Design Spectra at Multiple Dampings at 5×10^{-4} AFE



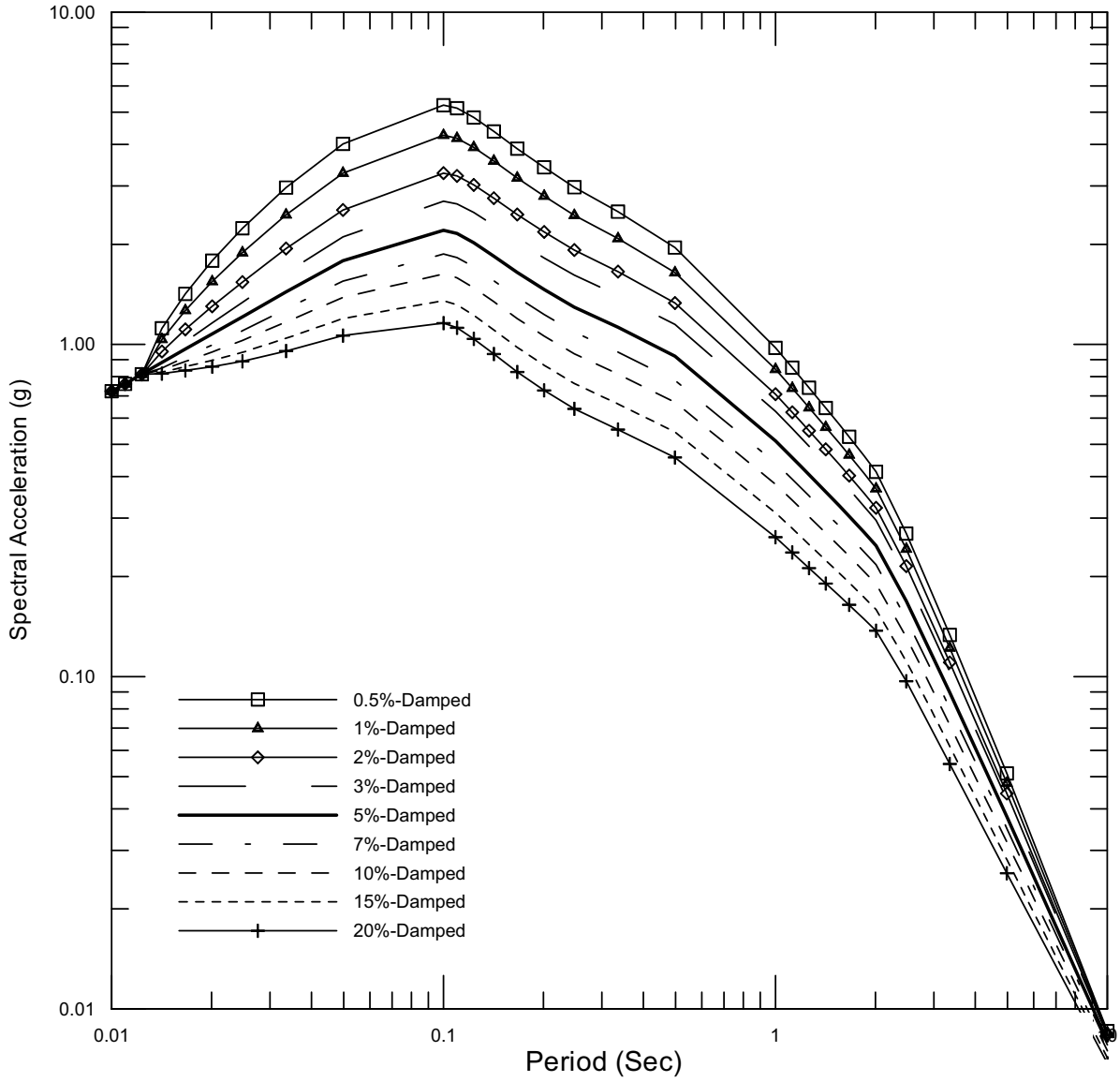
Source: Appendix D, Table D-1

Figure 6.5.2-63. Vertical SFA Design Spectra at Multiple Dampings at $5x10^{-4}$ AFE



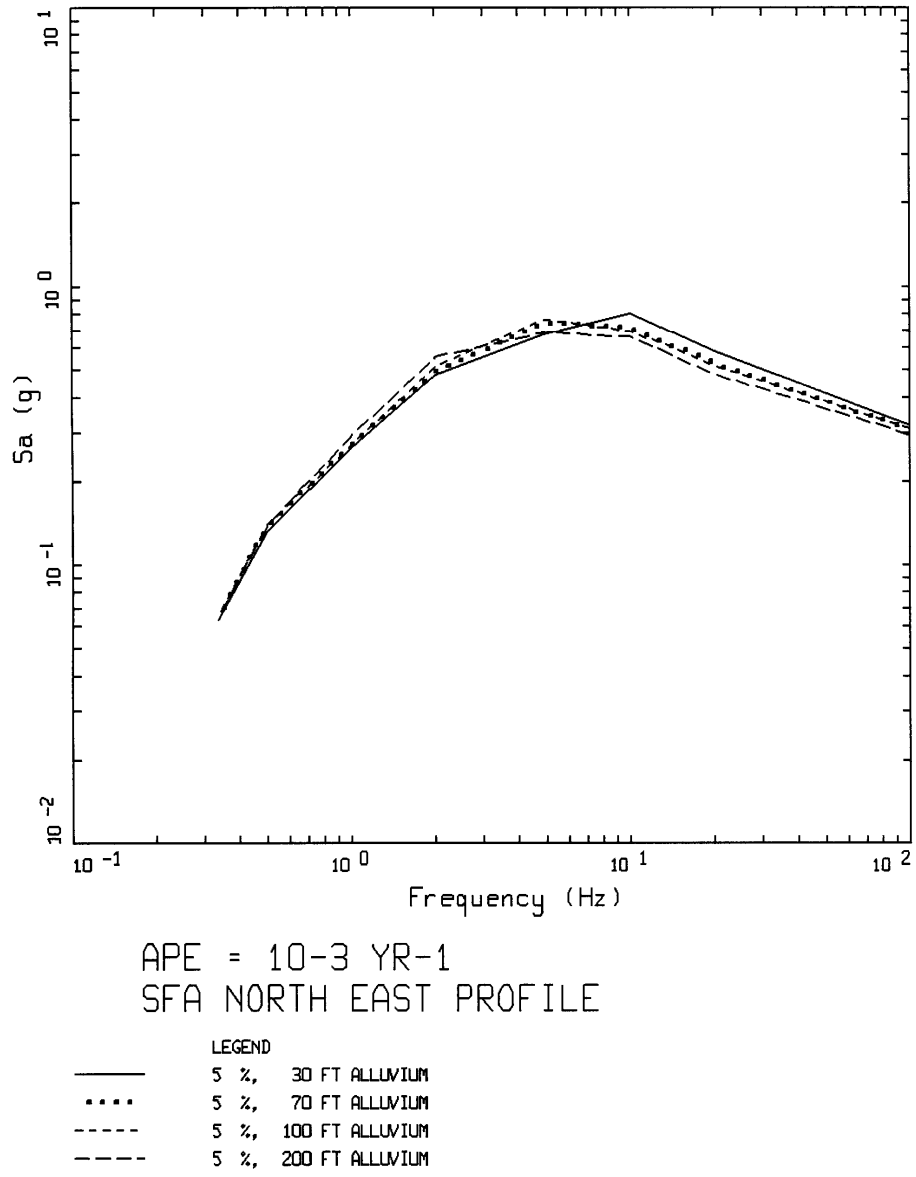
Source: Appendix D, Table D-1

Figure 6.5.2-64. Horizontal SFA Design Spectra at Multiple Dampings at 10^{-4} AFE



Source: Appendix D, Table D-1

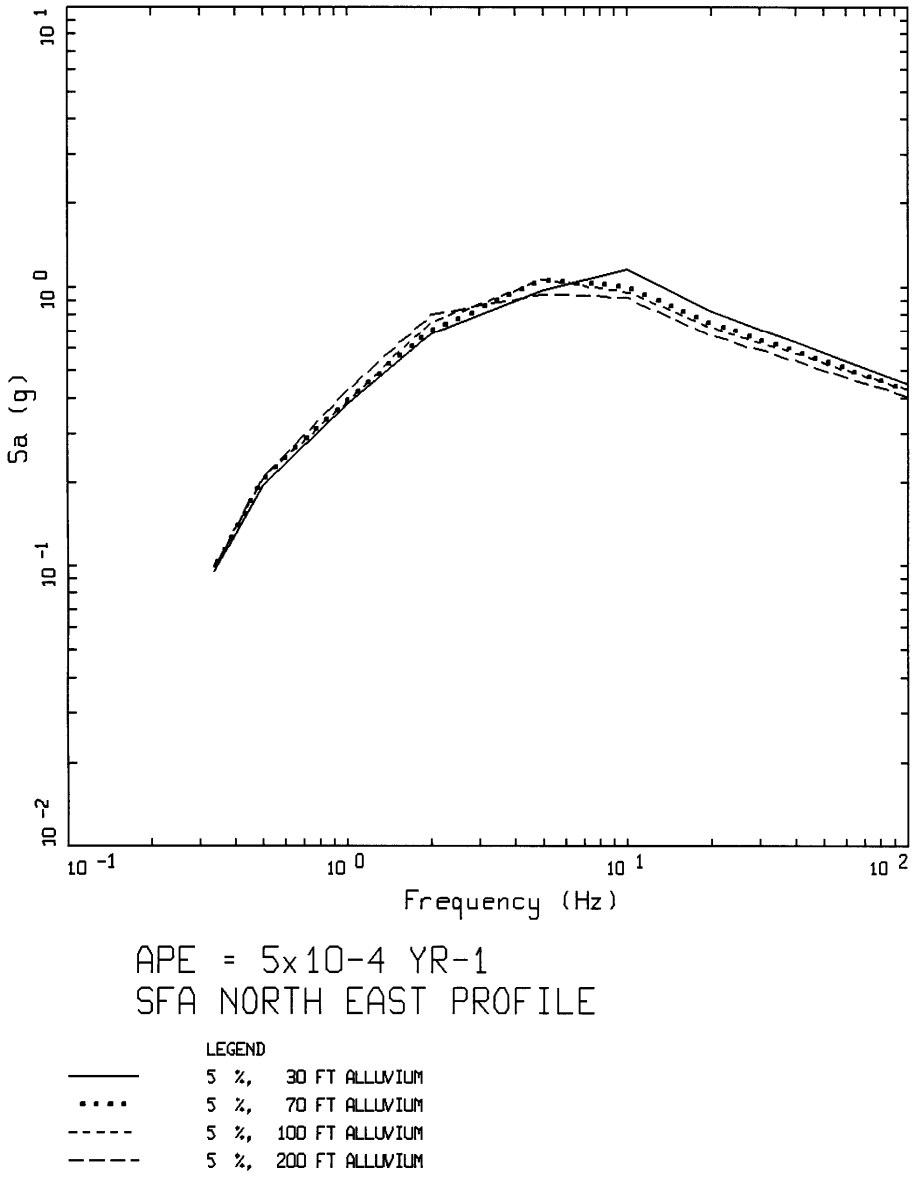
Figure 6.5.2-65. Vertical SFA Design Spectra at Multiple Dampings at 10^{-4} AFE



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

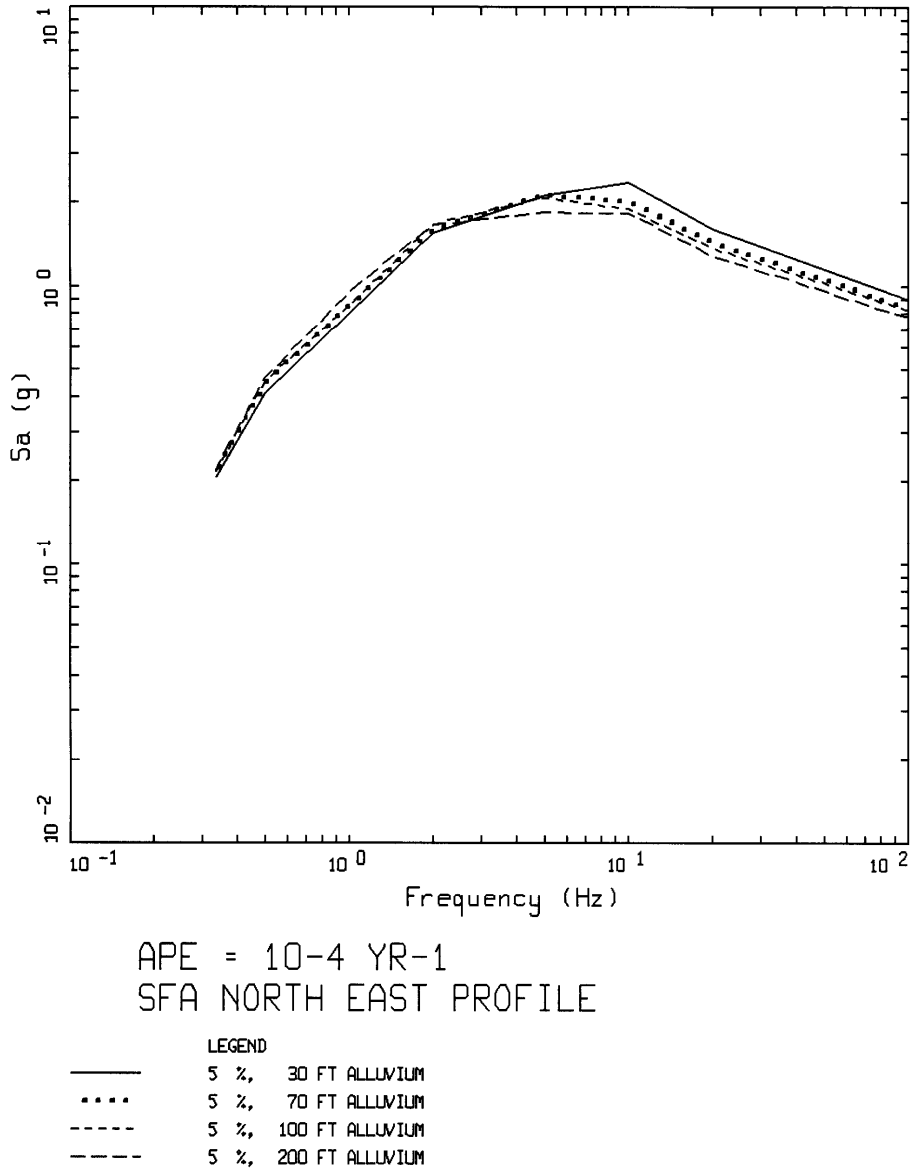
Figure 6.5.2-66. Comparison of Mean UHS for 10^{-3} AFE Computed for a Suite of Alluvium Depths Using the SFA Northeast Profile



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

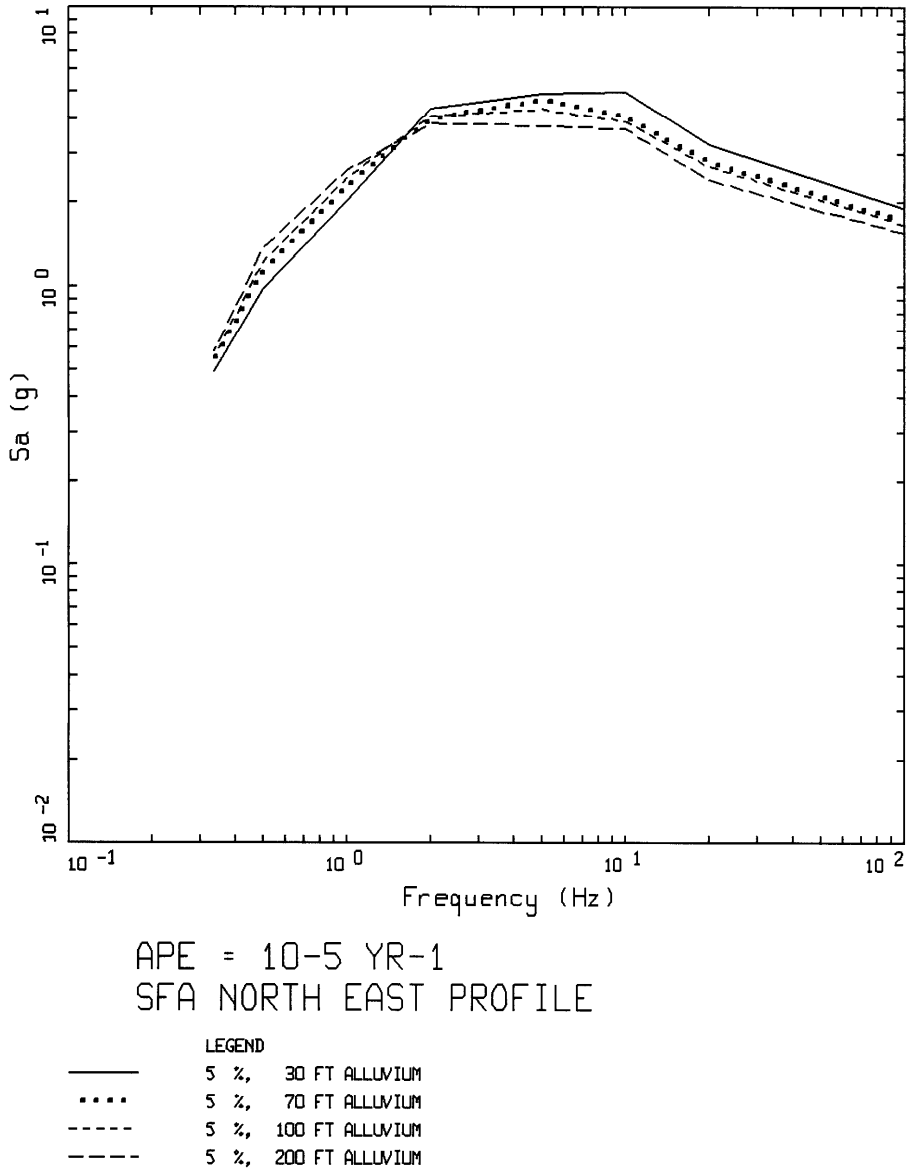
Figure 6.5.2-67. Comparison of Mean UHS for $5x10^{-4}$ AFE Computed for a Suite of Alluvium Depths Using the SFA Northeast Profile



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

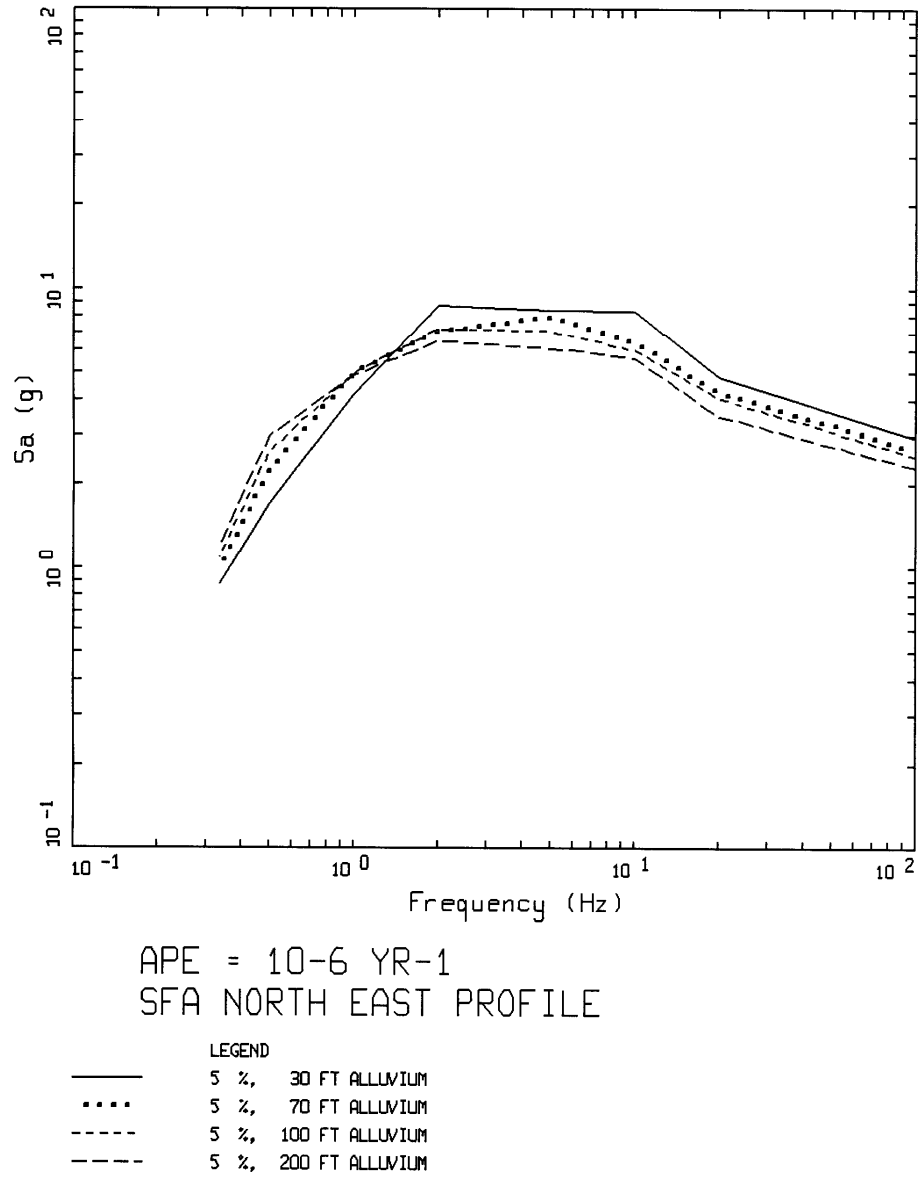
Figure 6.5.2-68. Comparison of Mean UHS for 10^{-4} AFE Computed for a Suite of Alluvium Depths Using the SFA Northeast Profile



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

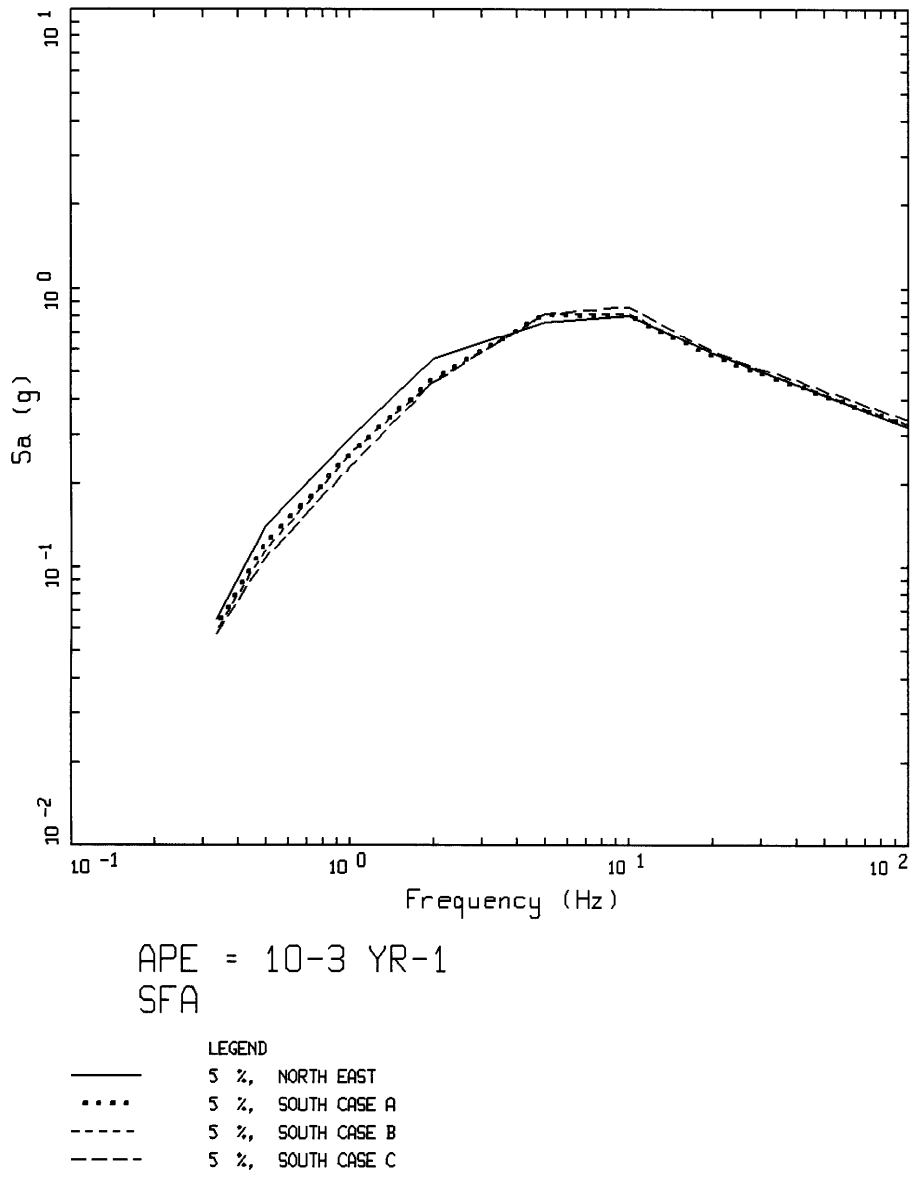
Figure 6.5.2-69. Comparison of Mean UHS for 10^{-5} AFE Computed for a Suite of Alluvium Depths Using the SFA Northeast Profile



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

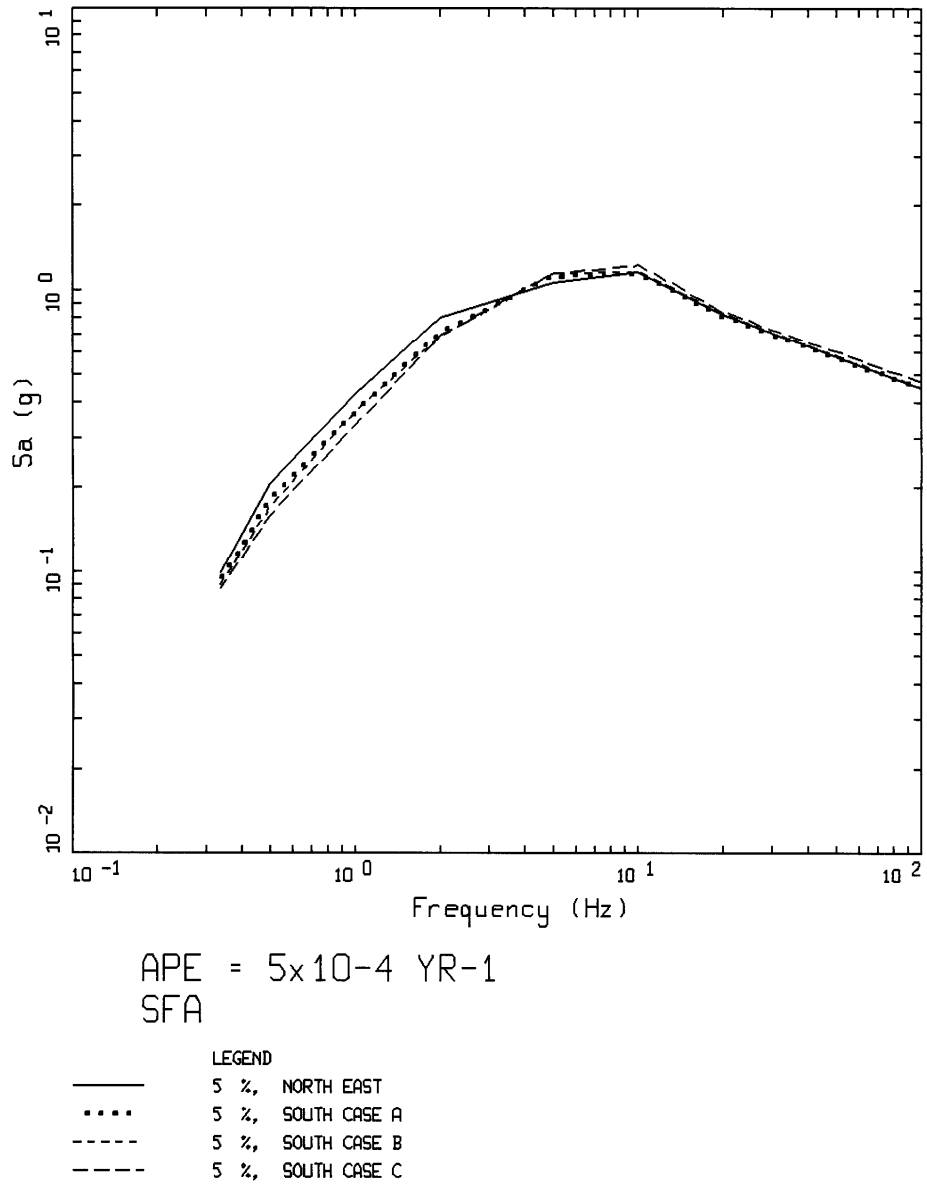
Figure 6.5.2-70. Comparison of Mean UHS for 10^{-6} AFE Computed for a Suite of Alluvium Depths Using the SFA Northeast Profile



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

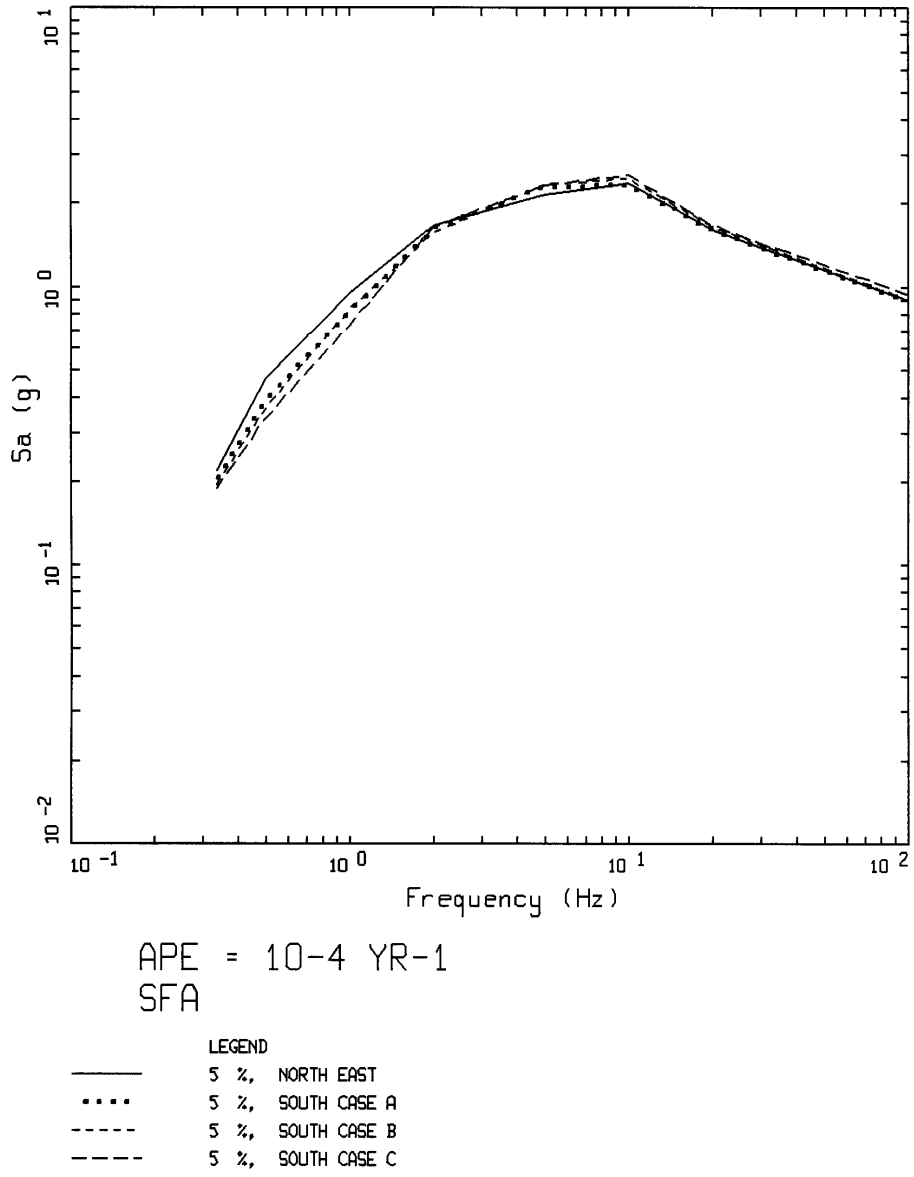
Figure 6.5.2-71. Comparison of Mean UHS for 10^{-3} AFE Computed for the Four SFA Base Case Profiles: Northeast and South Profiles A, B, and C



Source: Appendix D, Table D-1

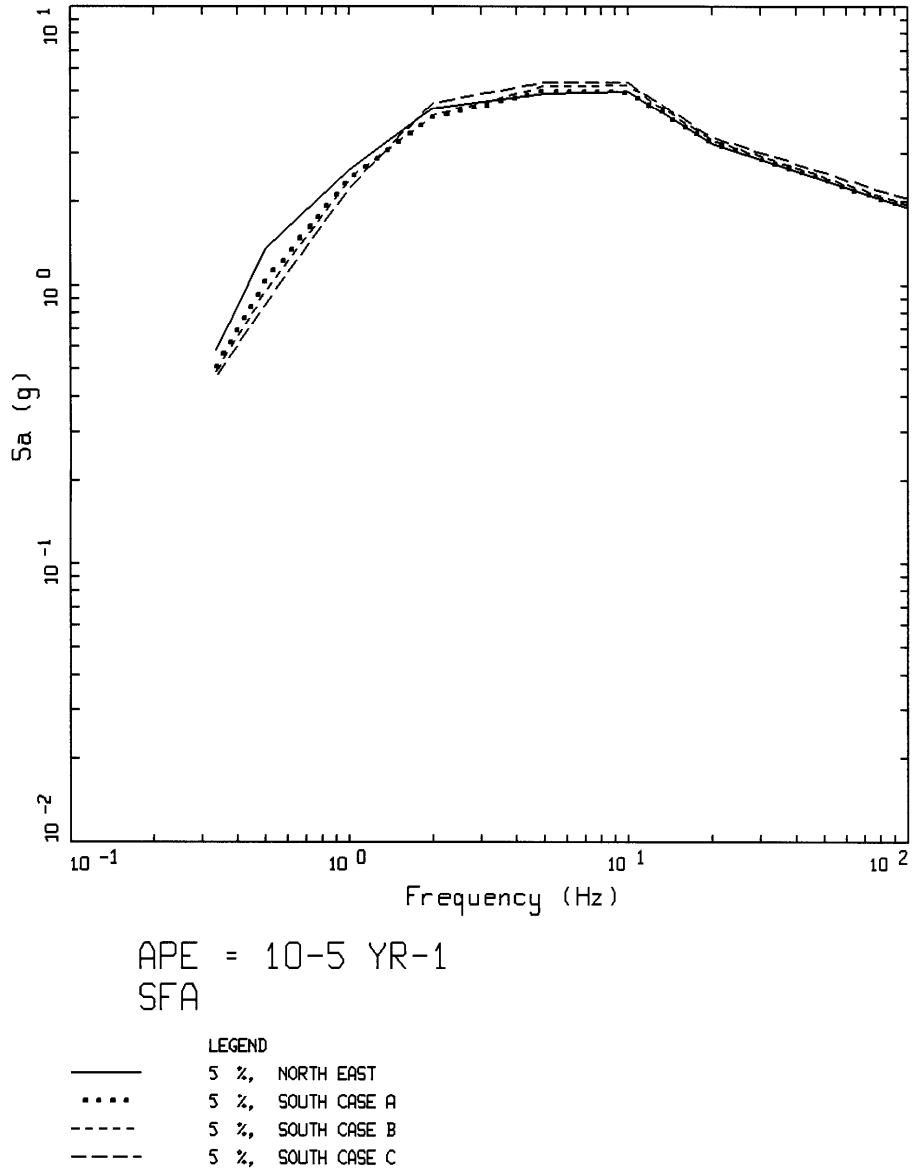
Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

Figure 6.5.2-72. Comparison of Mean UHS for $5x10^{-4}$ AFE Computed for the Four SFA Base Case Profiles: Northeast and South Profiles A, B, and C



Source: Appendix D, Table D-1

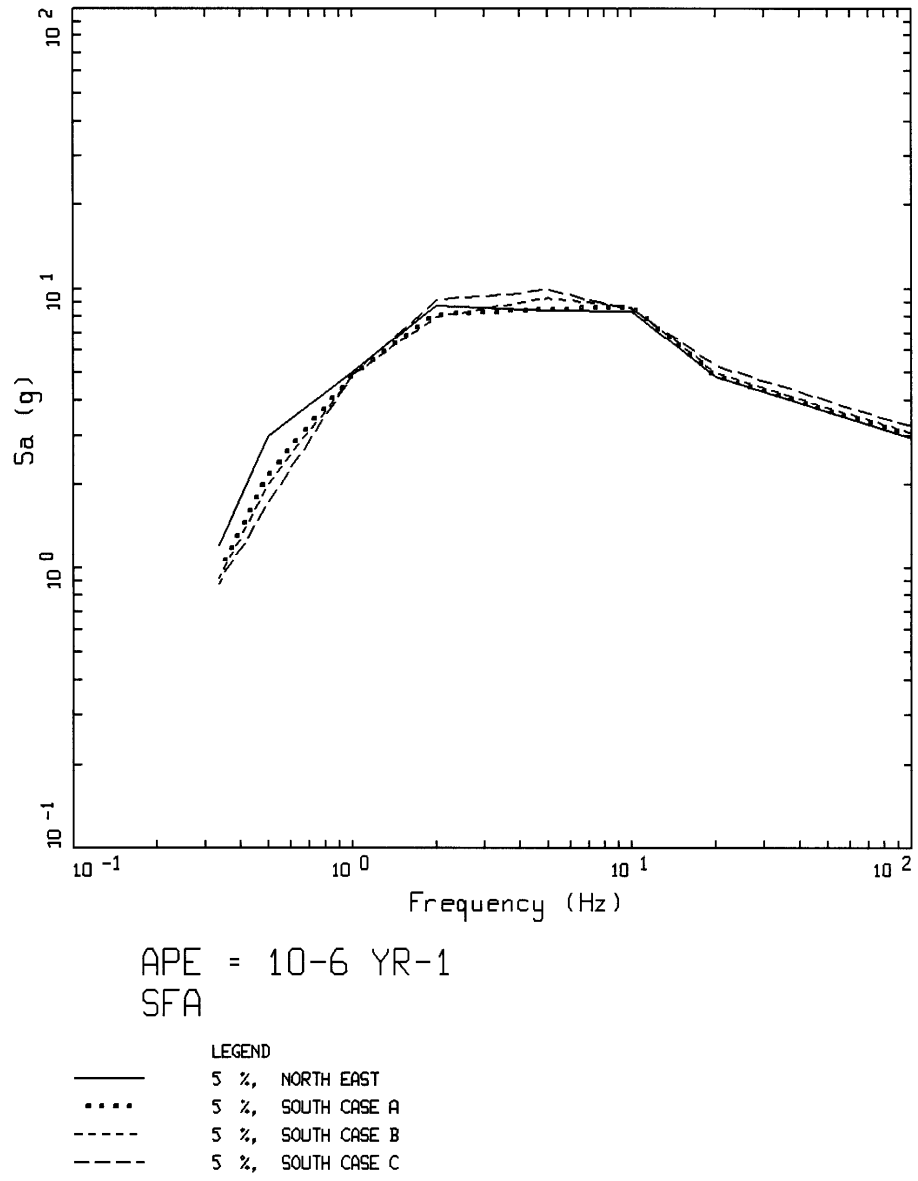
Figure 6.5.2-73. Comparison of Mean UHS for 10^{-4} AFE Computed for the Four SFA Base Case Profiles: Northeast and South Profiles A, B, and C



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

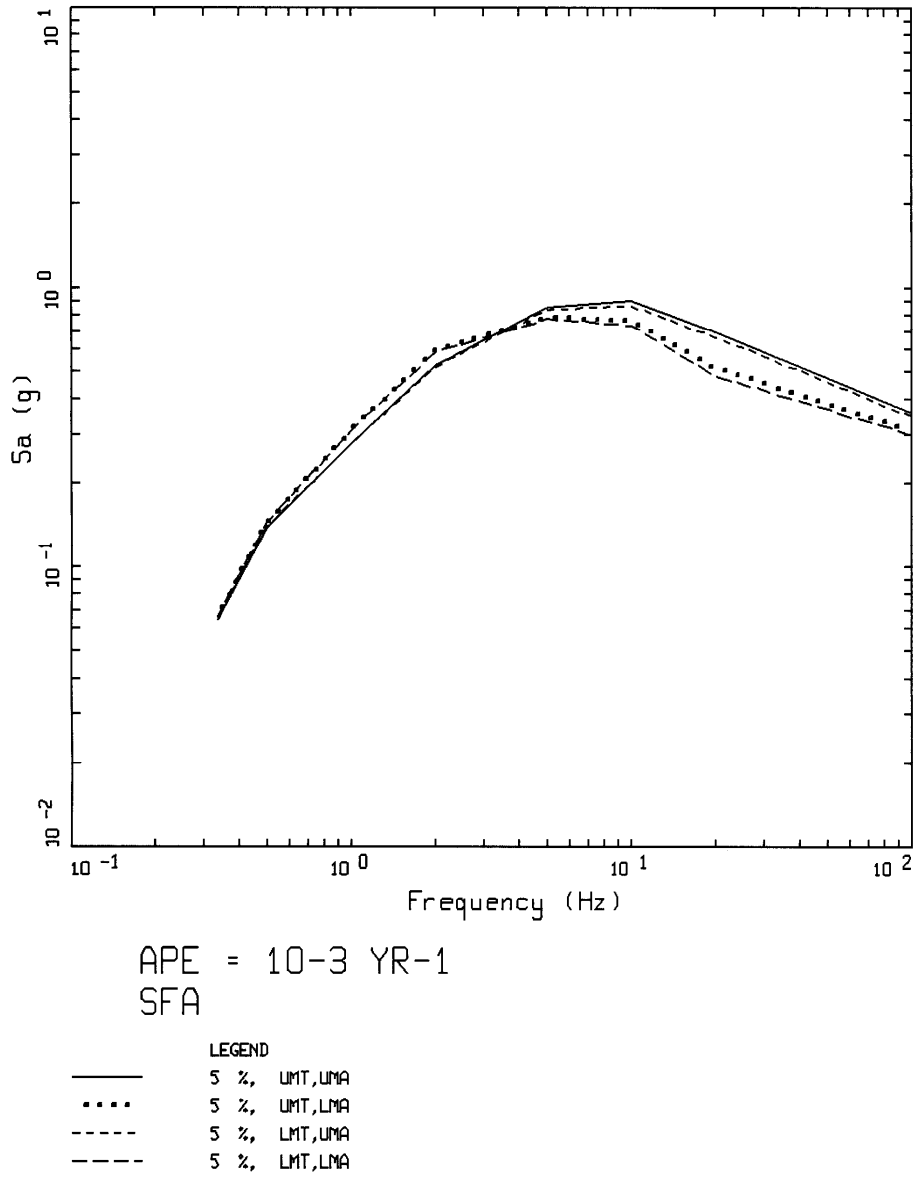
Figure 6.5.2-74. Comparison of Mean UHS for 10^{-5} AFE Computed for the Four SFA Base Case Profiles: Northeast and South Profiles A, B, and C



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area

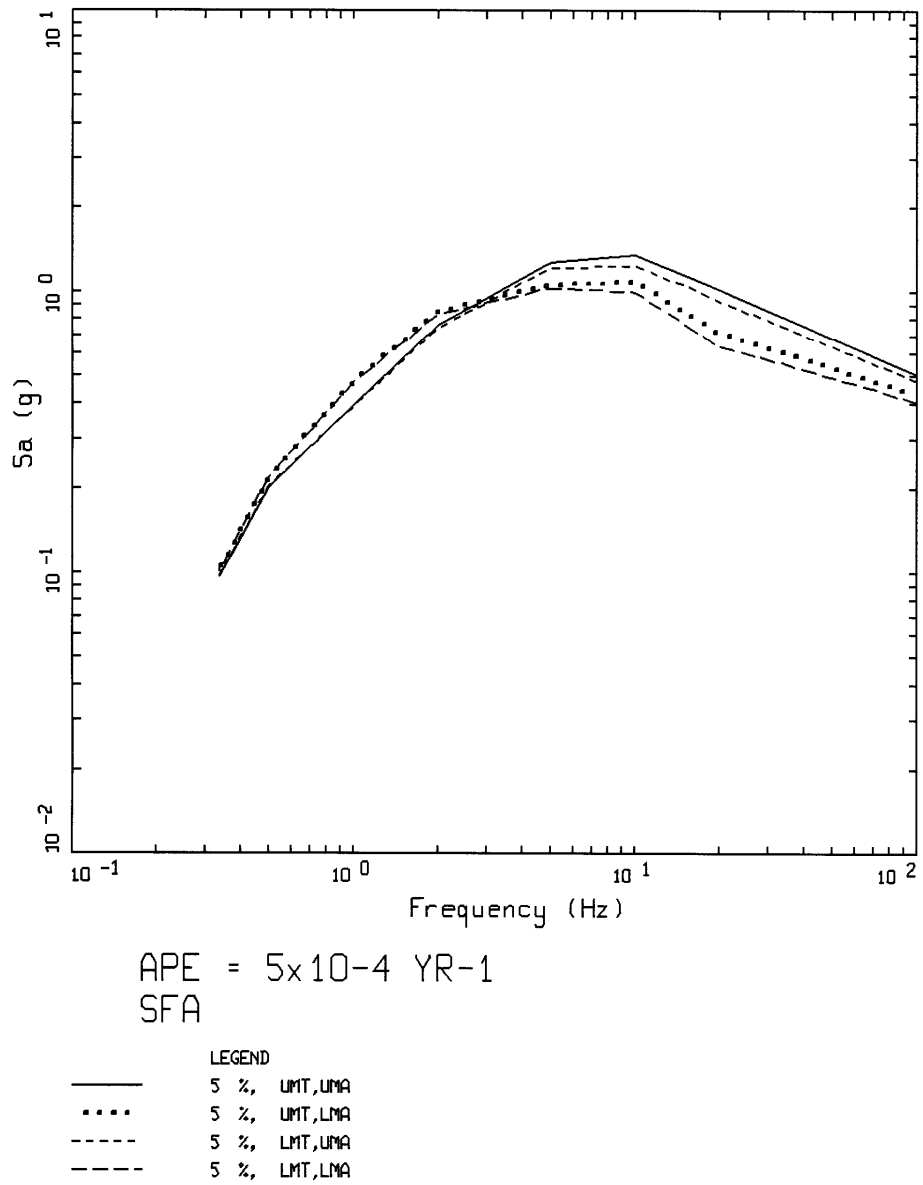
Figure 6.5.2-75. Comparison of Mean UHS for 10^{-6} AFE Computed for the Four SFA Base Case Profiles: Northeast and South Profiles A, B, and C



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, UMA = upper mean alluvium, LMT = lower mean tuff, LMA = lower mean alluvium

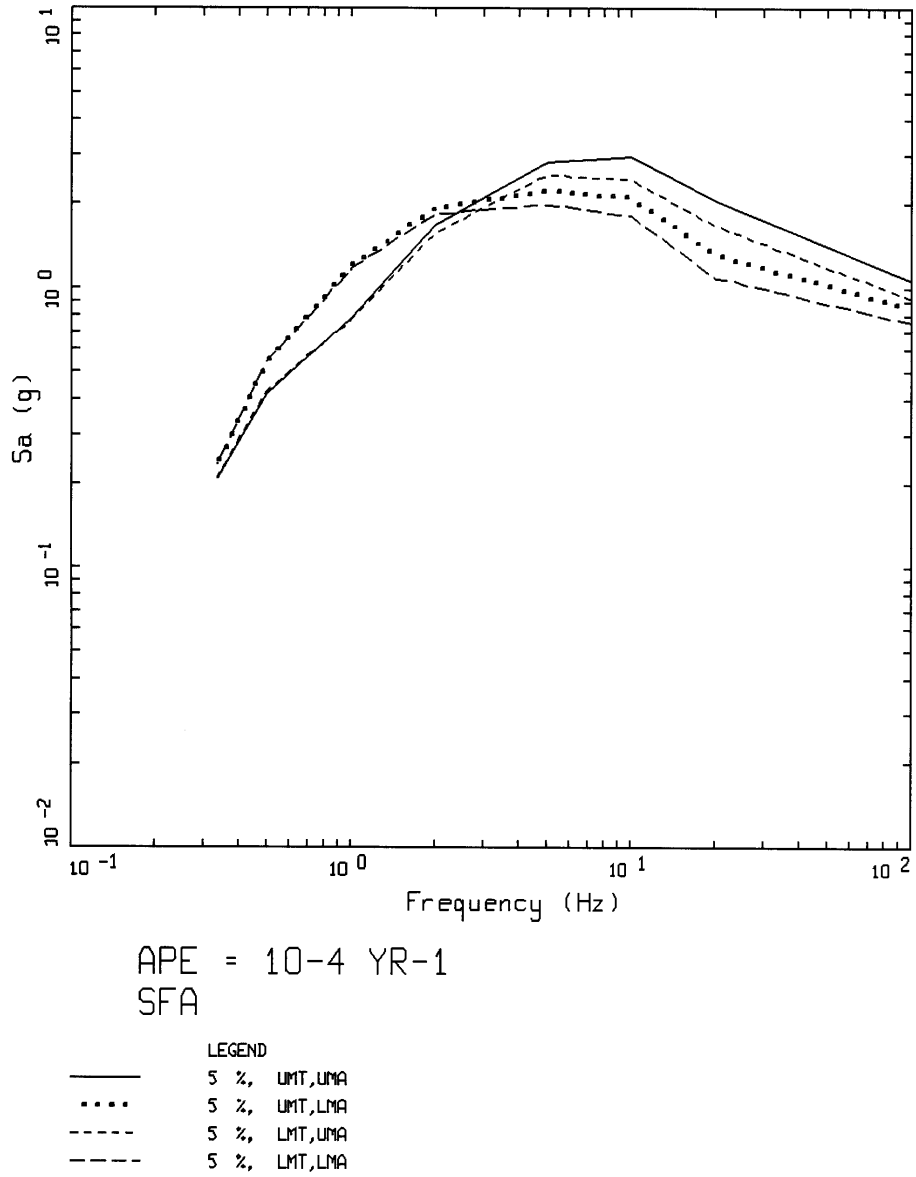
Figure 6.5.2-76. Comparison of UHS for 10^{-3} AFE Computed for the Four Combination of G/Gmax and Hysteretic Damping Curves: UMT and Alluvium, and LMT and Alluvium



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, UMA = upper mean alluvium, LMT = lower mean tuff, LMA = lower mean alluvium

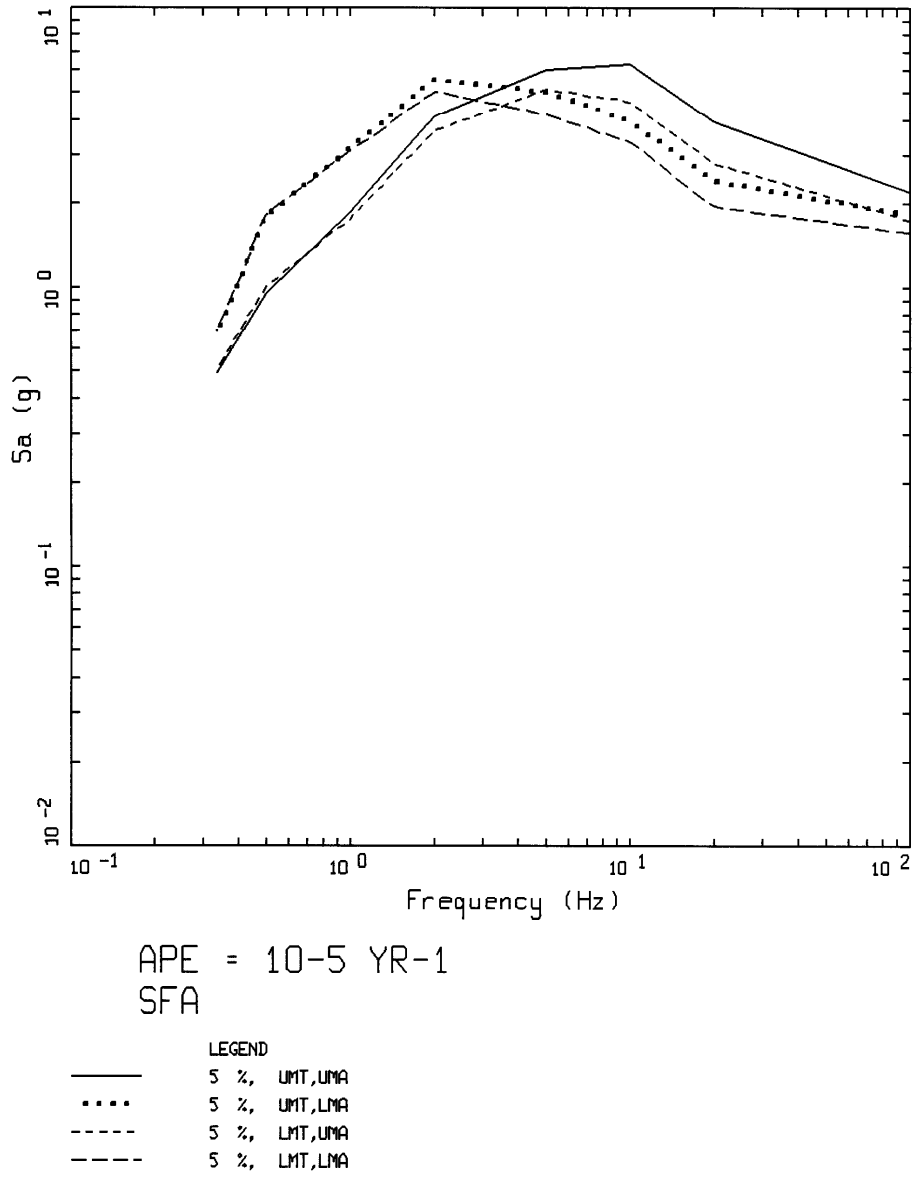
Figure 6.5.2-77. Comparison of UHS for 5x10 $^{-4}$ AFE Computed for the Four Combination of G/Gmax and Hysteretic Damping Curves: UMT and Alluvium, and LMT and Alluvium



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, UMA = upper mean alluvium, LMT = lower mean tuff, LMA = lower mean alluvium

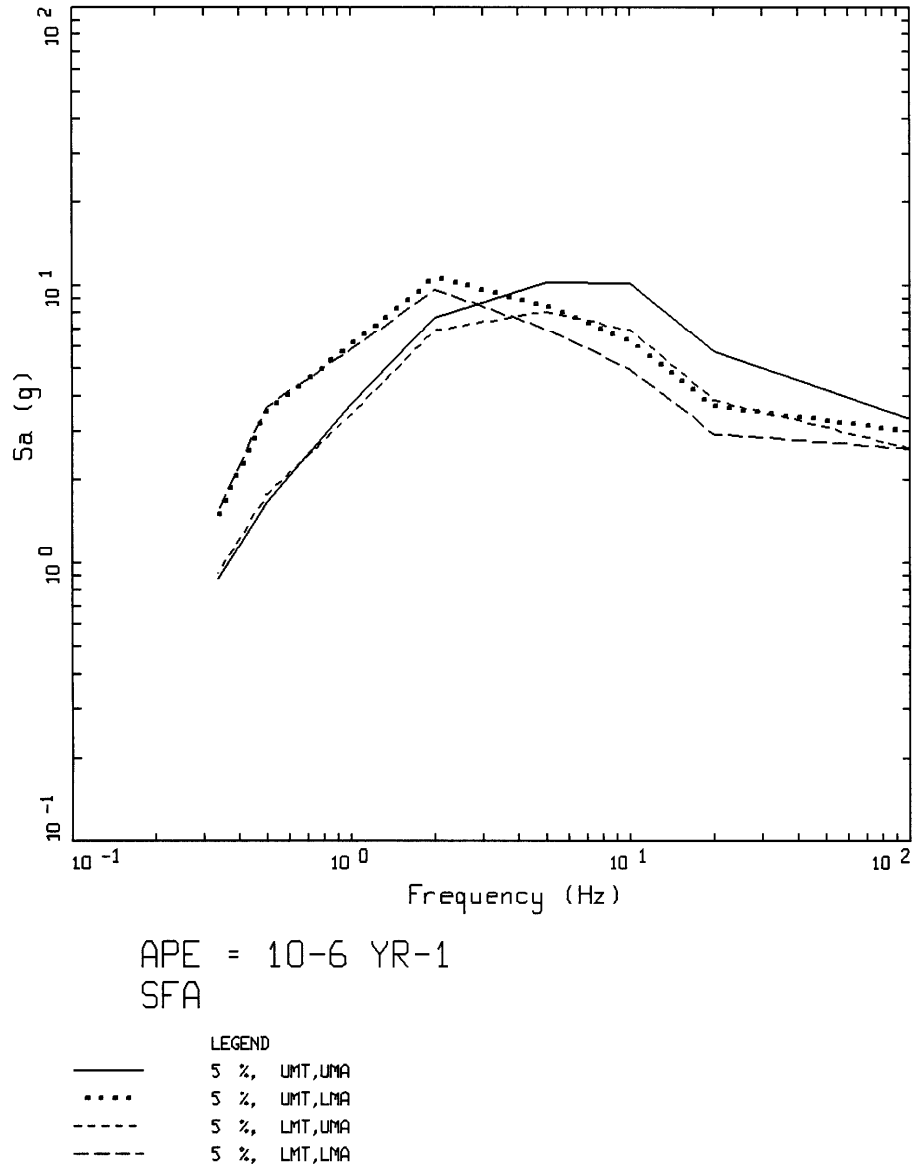
Figure 6.5.2-78. Comparison of UHS for 10^{-4} AFE Computed for the Four Combination of G/Gmax and Hysteretic Damping Curves: UMT and Alluvium, and LMT and Alluvium



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, UMA = upper mean alluvium, LMT = lower mean tuff, LMA = lower mean alluvium

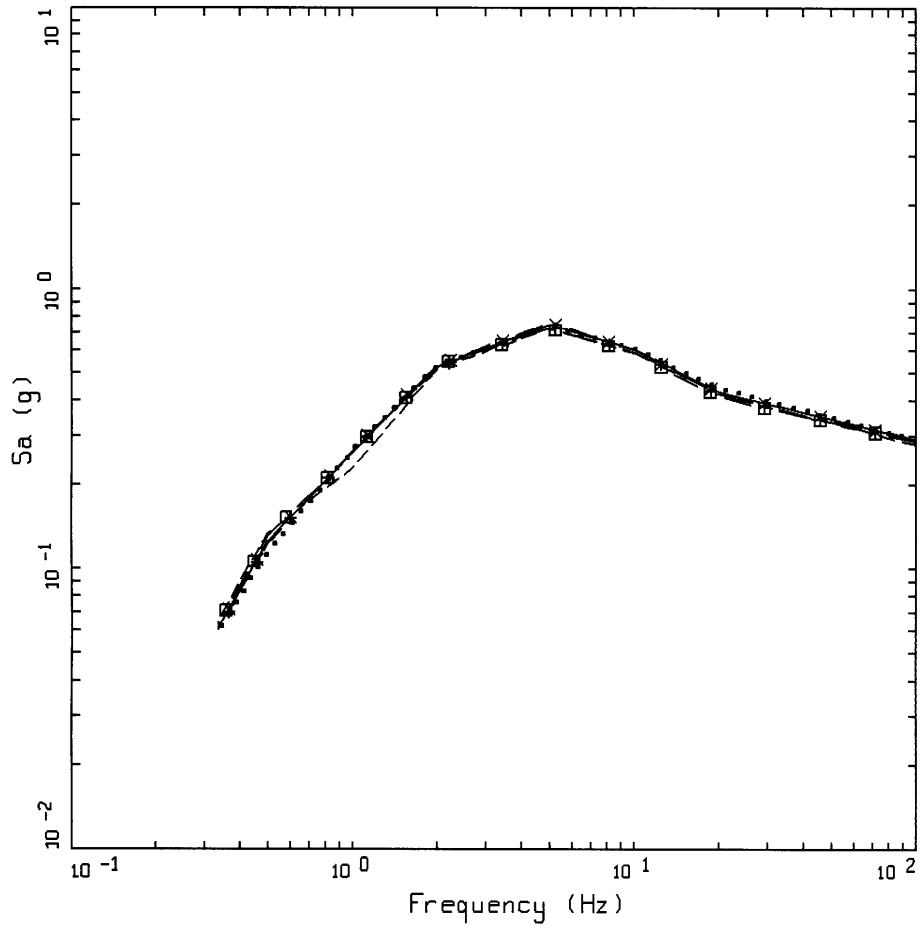
Figure 6.5.2-79. Comparison of UHS for 10^{-5} AFE Computed for the Four Combination of G/Gmax and Hysteretic Damping Curves: UMT and Alluvium, and LMT and Alluvium



Source: Appendix D, Table D-1

Note: Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, UMA = upper mean alluvium, LMT = lower mean tuff, LMA = lower mean alluvium

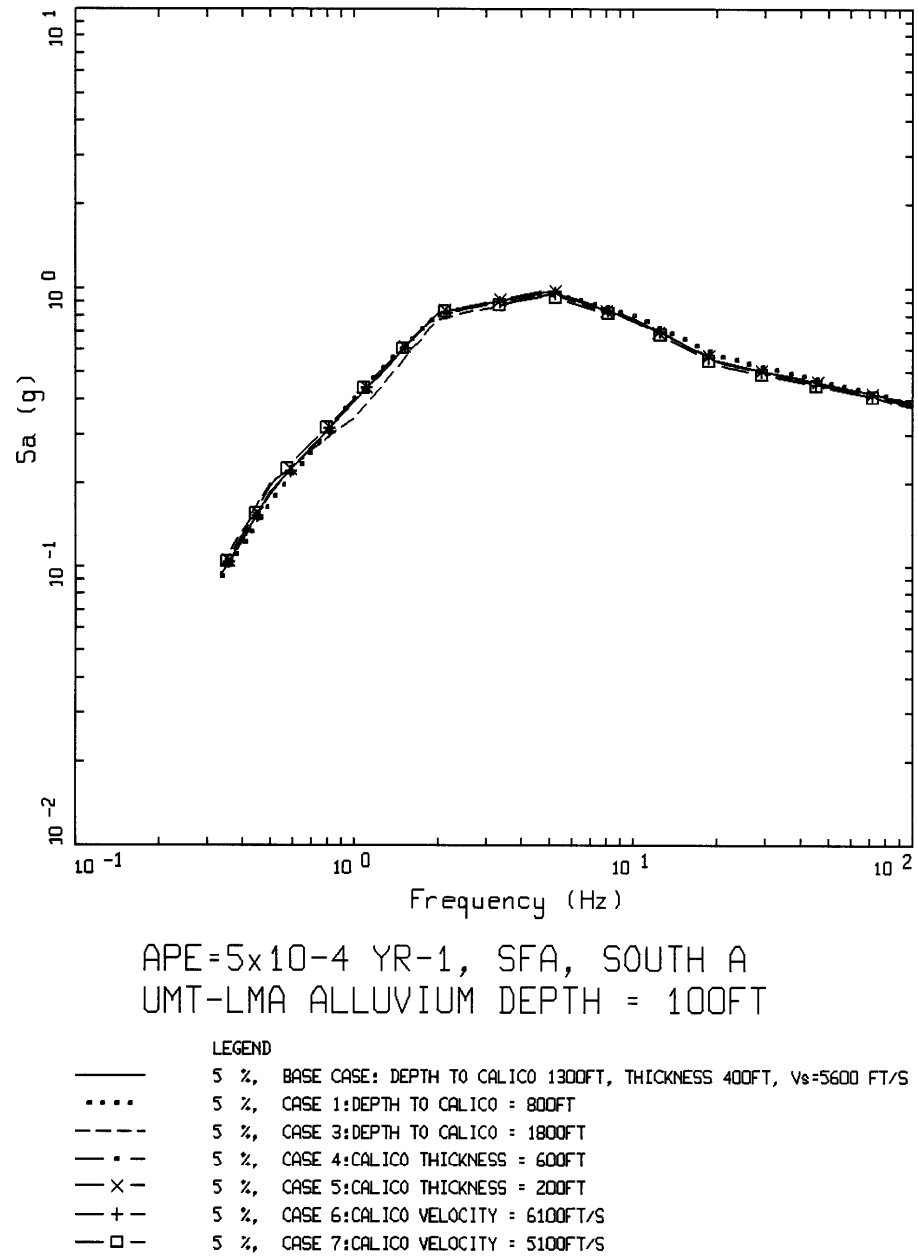
Figure 6.5.2-80. Comparison of UHS for 10^{-6} AFE Computed for the Four Combination of G/Gmax and Hysteretic Damping Curves: UMT and Alluvium, and LMT and Alluvium



Source: Appendix D, Table D-1

Note: Mean depth, thickness, and V_S are 1300, 400, and 5600 ft/sec, respectively. Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, LMA = lower mean alluvium.

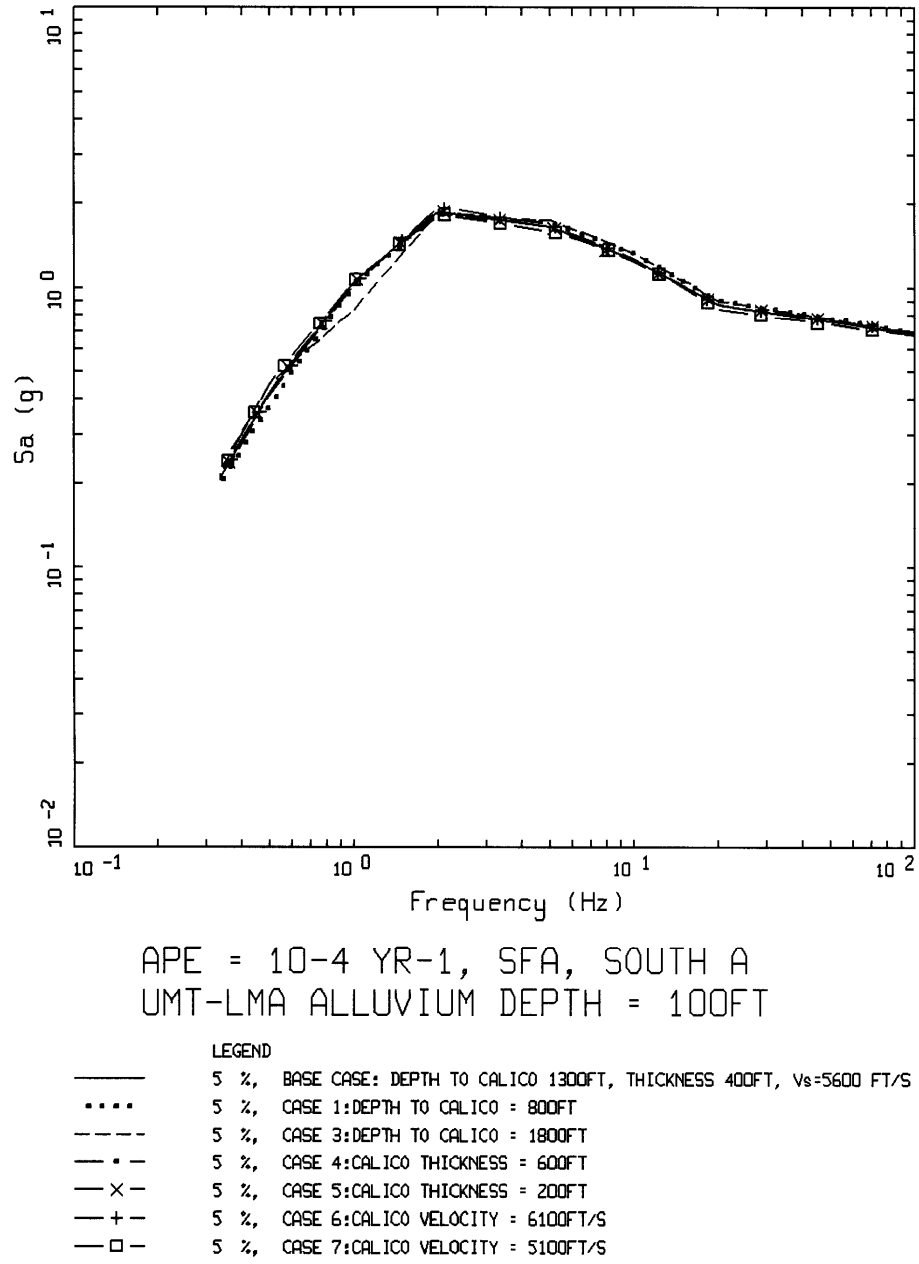
Figure 6.5.2-81. Comparison of UHS for 10^{-3} AFE Computed for a Range in Depths, Thickness, and V_S of the Calico Tuff Unit



Source: Appendix D, Table D-1

Note: Mean depth, thickness, and V_S are 1300, 400, and 5600 ft/sec, respectively. Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, LMA = lower mean alluvium.

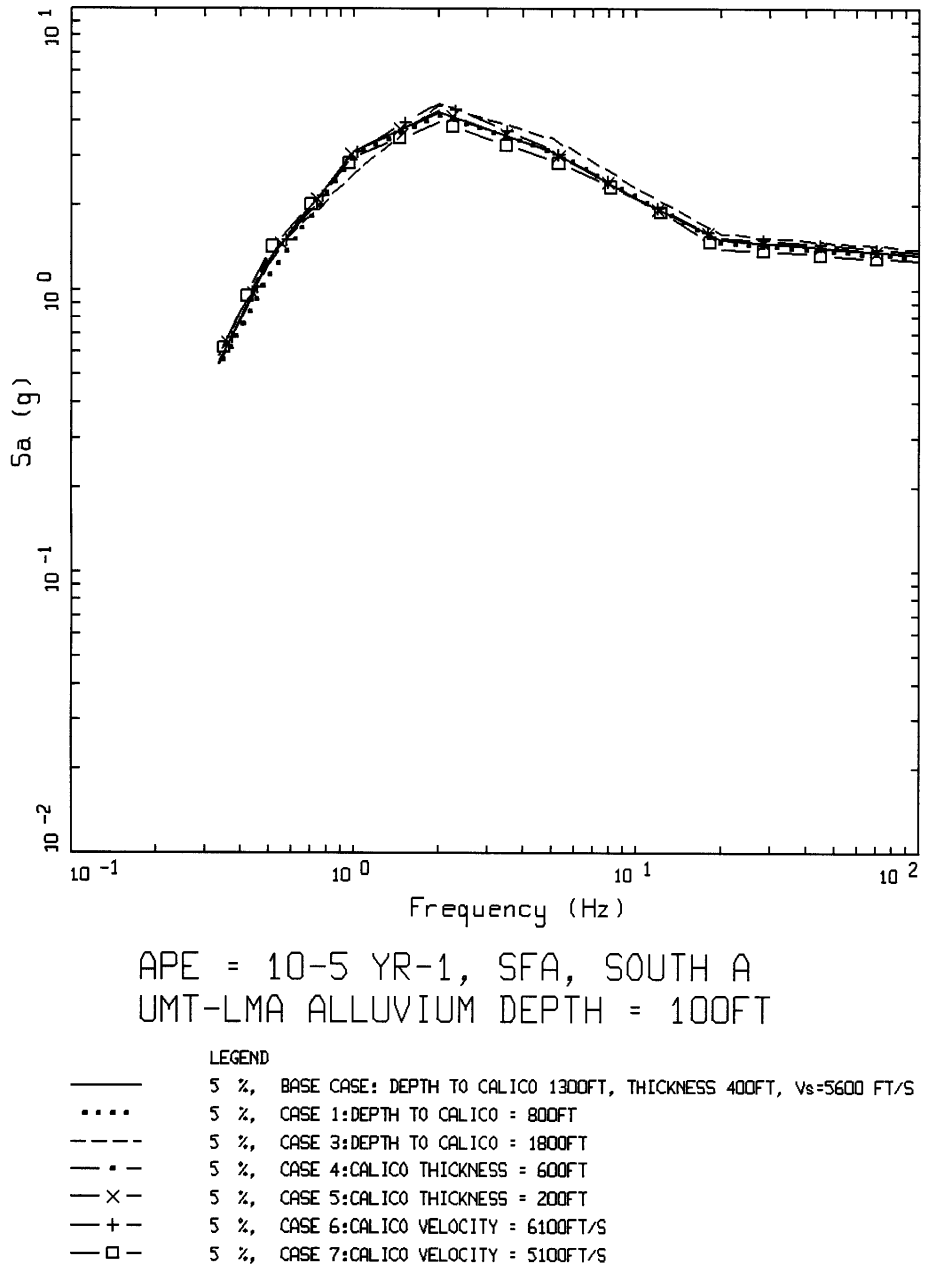
Figure 6.5.2-82. Comparison of UHS for 5x10 $^{-4}$ AFE Computed for a Range in Depths, Thickness, and V_S of the Calico Tuff Unit



Source: Appendix D, Table D-1

Note: Mean depth, thickness, and V_S are 1300, 400, and 5600 ft/sec, respectively. Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, LMA = lower mean alluvium.

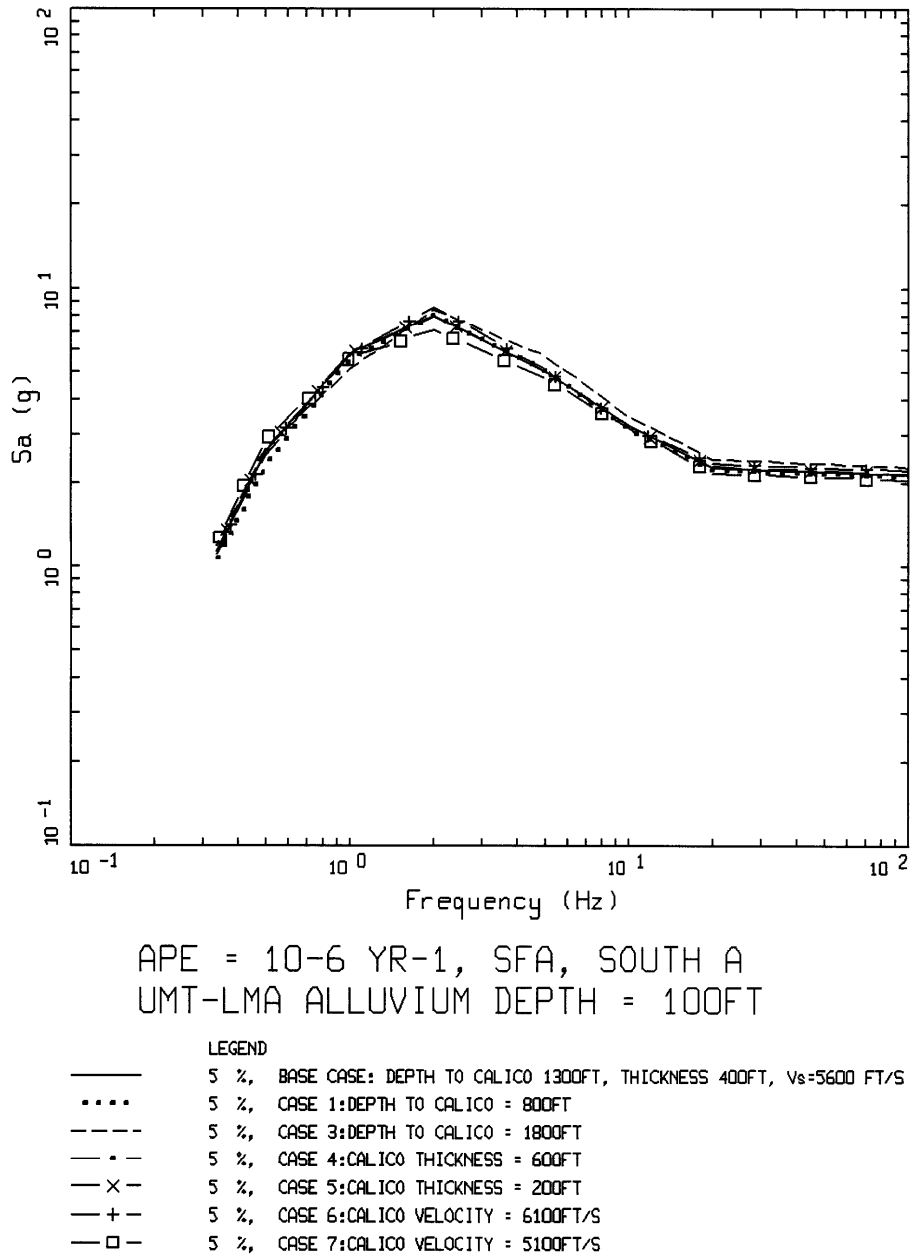
Figure 6.5.2-83. Comparison of UHS for 10^{-4} AFE Computed for a Range in Depths, Thickness, and V_S of the Calico Tuff Unit



Source: Appendix D, Table D-1

Note: Mean depth, thickness, and V_S are 1300, 400, and 5600 ft/sec, respectively. Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, LMA = lower mean alluvium.

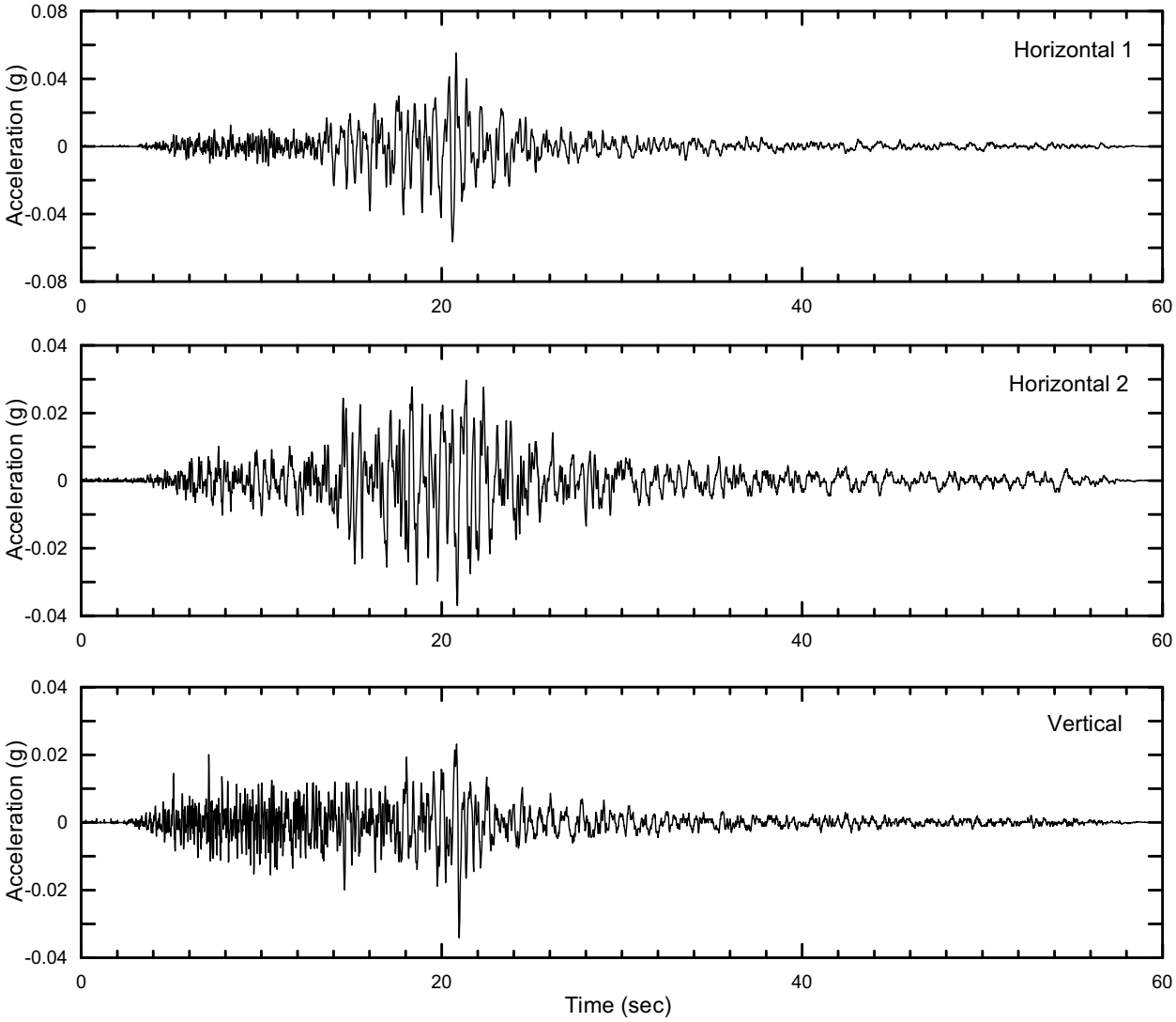
Figure 6.5.2-84. Comparison of UHS for 10^{-5} AFE Computed for a Range in Depths, Thickness, and V_S of the Calico Tuff Unit



Source: Appendix D, Table D-1

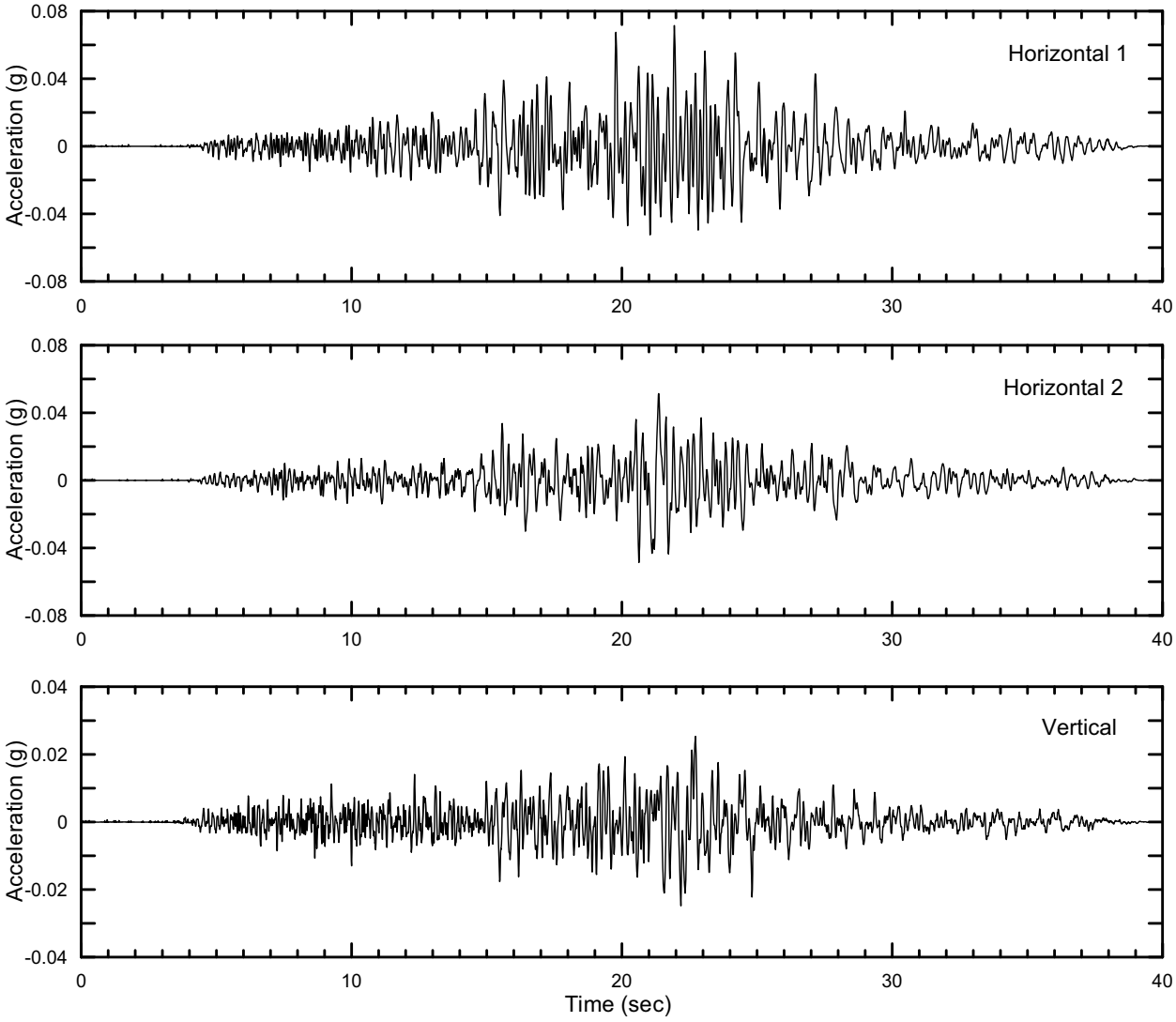
Note: Mean depth, thickness, and V_S are 1300, 400, and 5600 ft/sec, respectively. Sa = spectral acceleration, APE = annual probability of exceedance, SFA = Surface Facility Area, UMT = upper mean tuff, LMA = lower mean alluvium.

Figure 6.5.2-85. Comparison of UHS for 10^{-6} AFE Computed for a Range in Depths, Thickness, and V_S of the Calico Tuff Unit



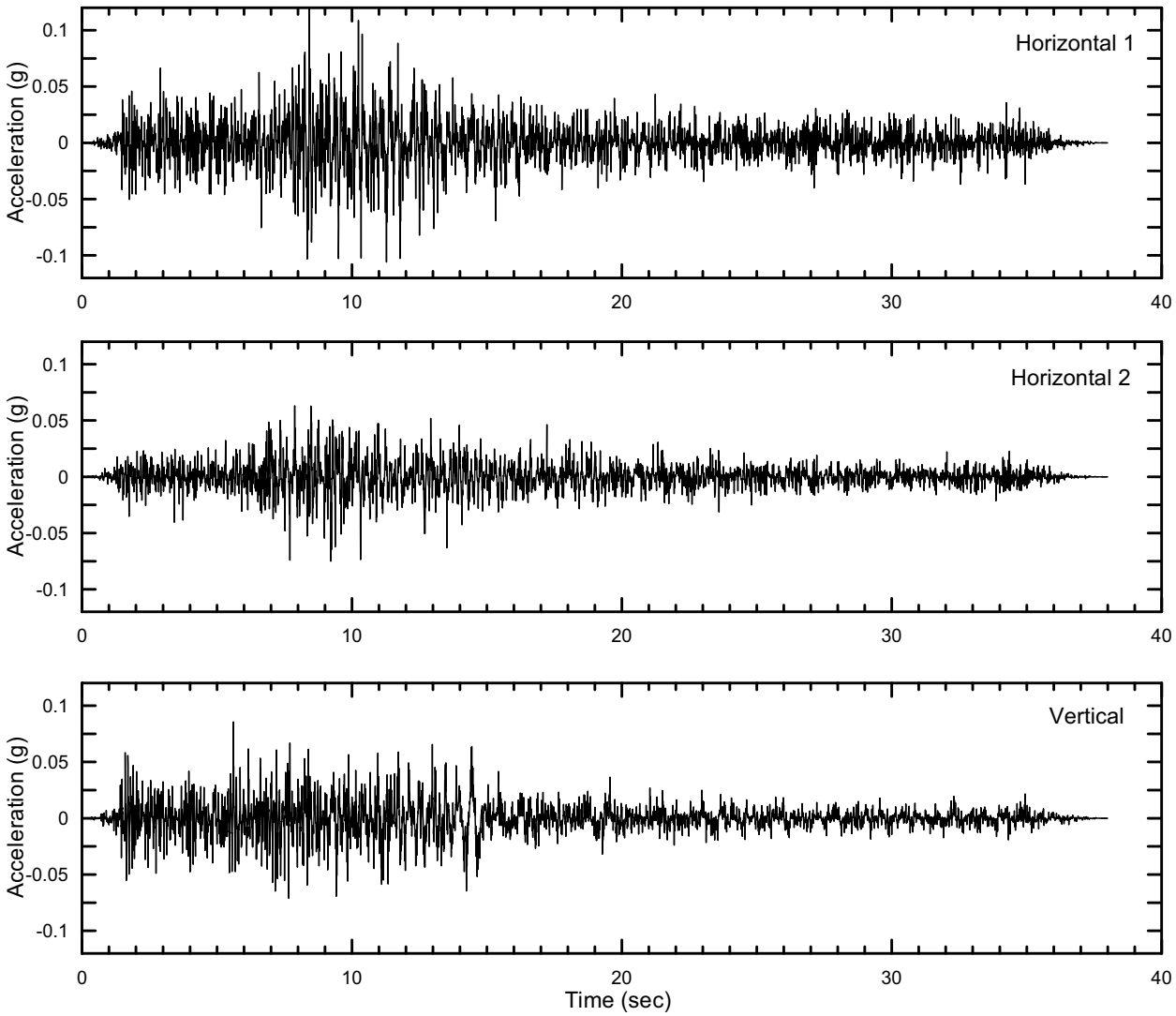
Source: Appendix D, Table D-1

Figure 6.5.2-86. Seed Time Histories, Set #1 at 10^{-3} and $5x10^{-4}$ AFE at SFA



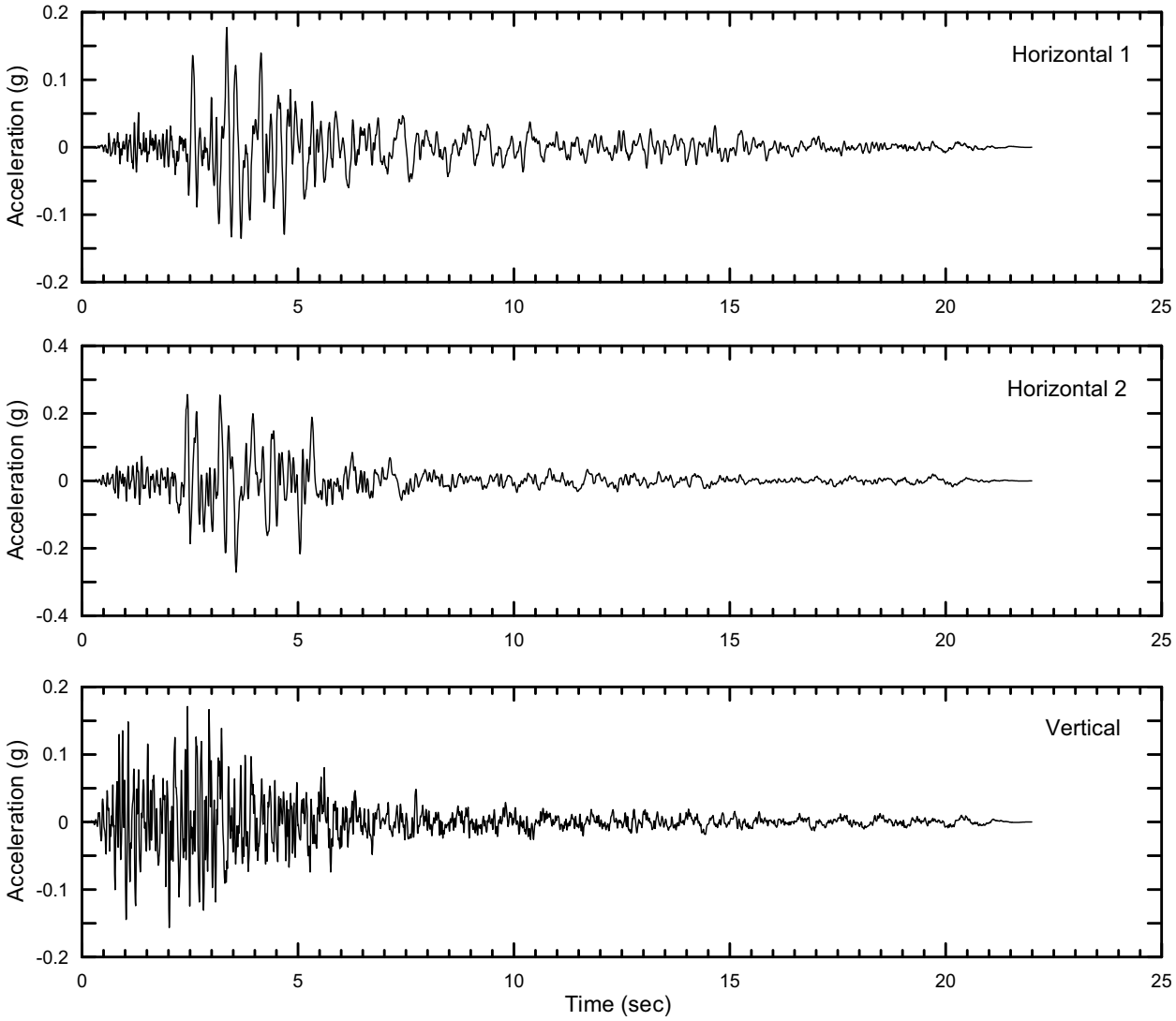
Source: Appendix D, Table D-1

Figure 6.5.2-87. Seed Time Histories, Set #2 at 10^{-3} and $5x10^{-4}$ AFE at SFA



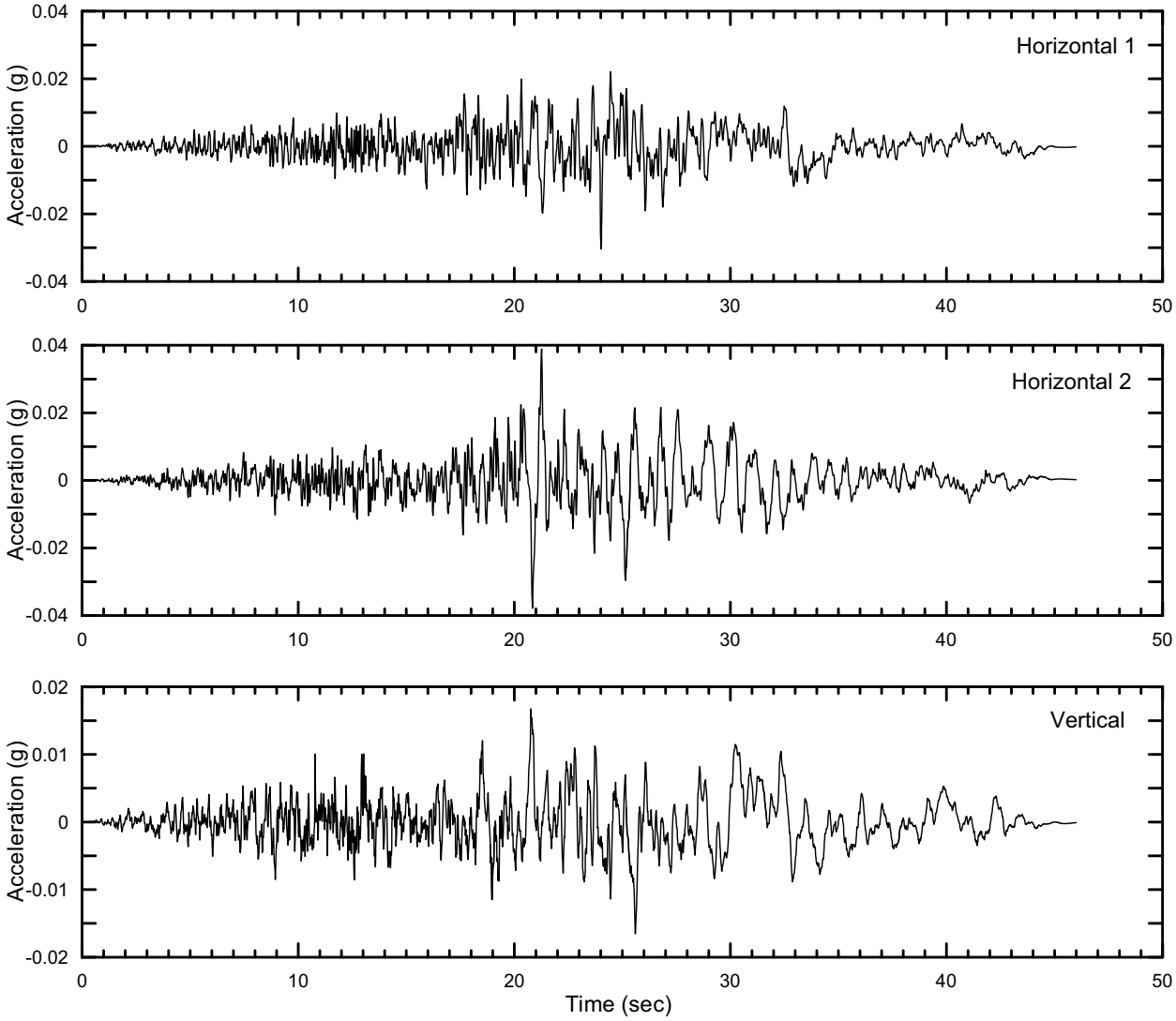
Source: Appendix D, Table D-1

Figure 6.5.2-88. Seed Time Histories, Set #3 at 10^{-3} and $5x10^{-4}$ AFE at SFA



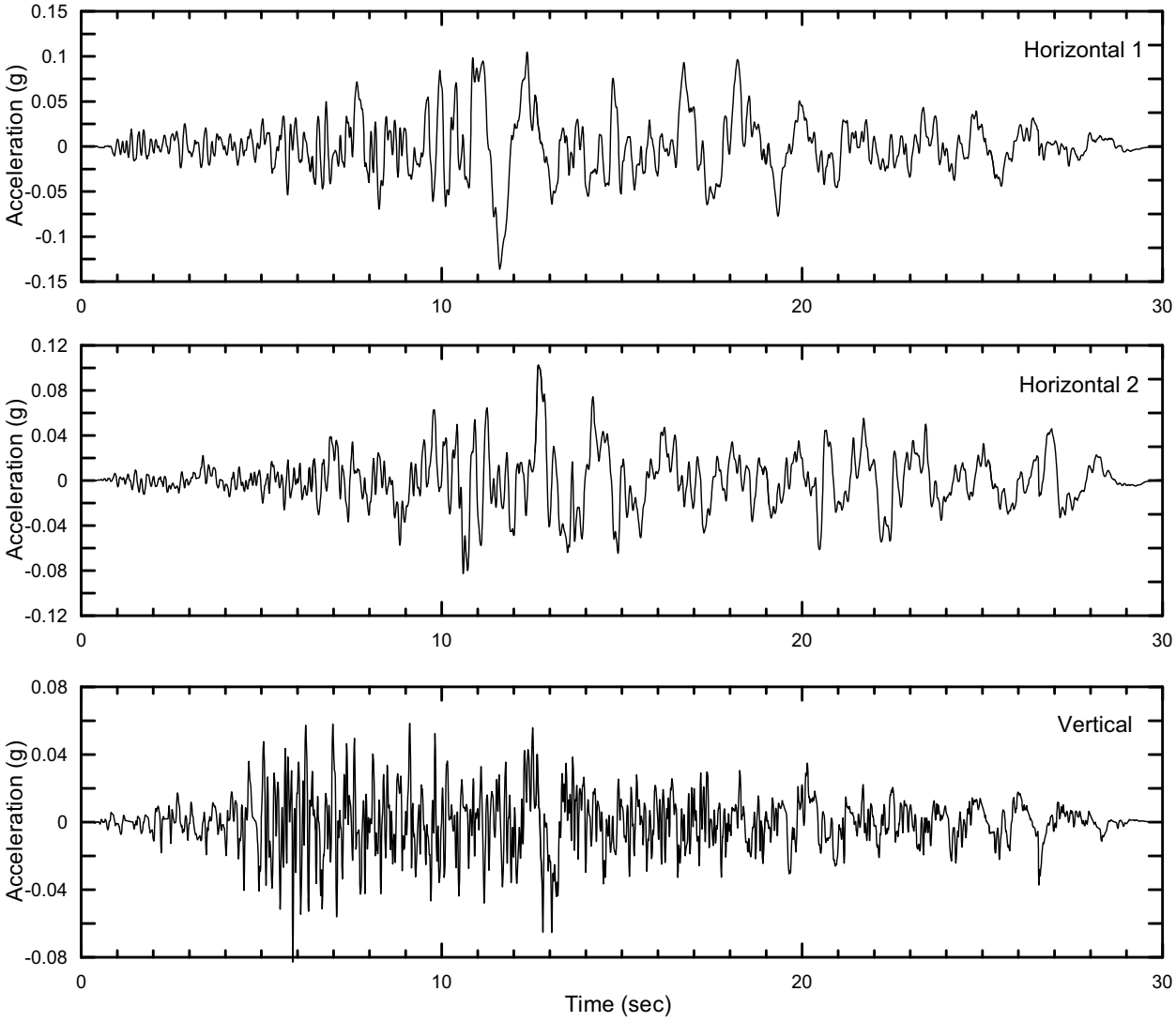
Source: Appendix D, Table D-1

Figure 6.5.2-89. Seed Time Histories, Set #4 at 10^{-3} and $5x10^{-4}$ AFE at SFA



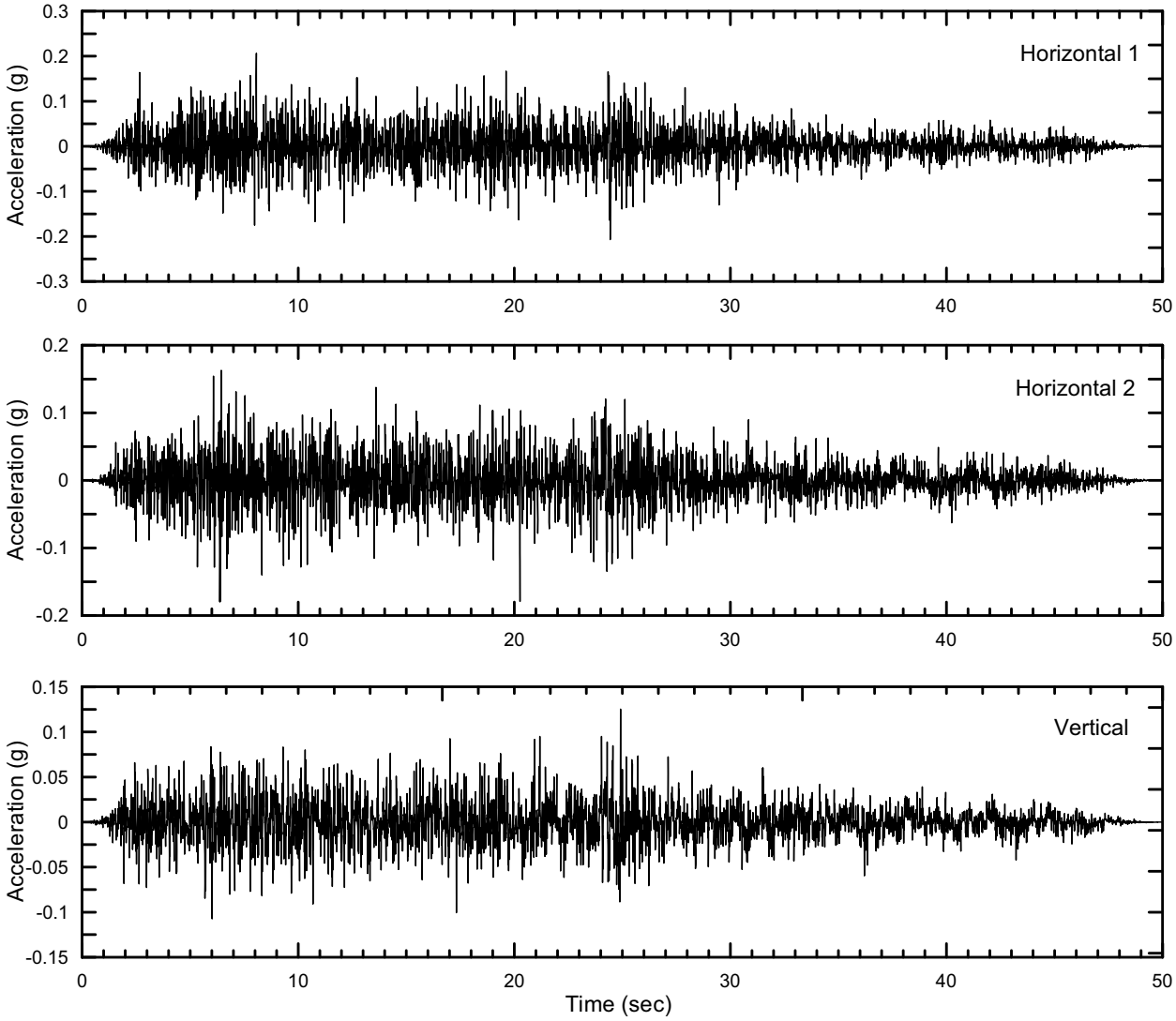
Source: Appendix D, Table D-1

Figure 6.5.2-90. Seed Time Histories, Set #5 at 10^{-3} and $5x10^{-4}$ AFE at SFA



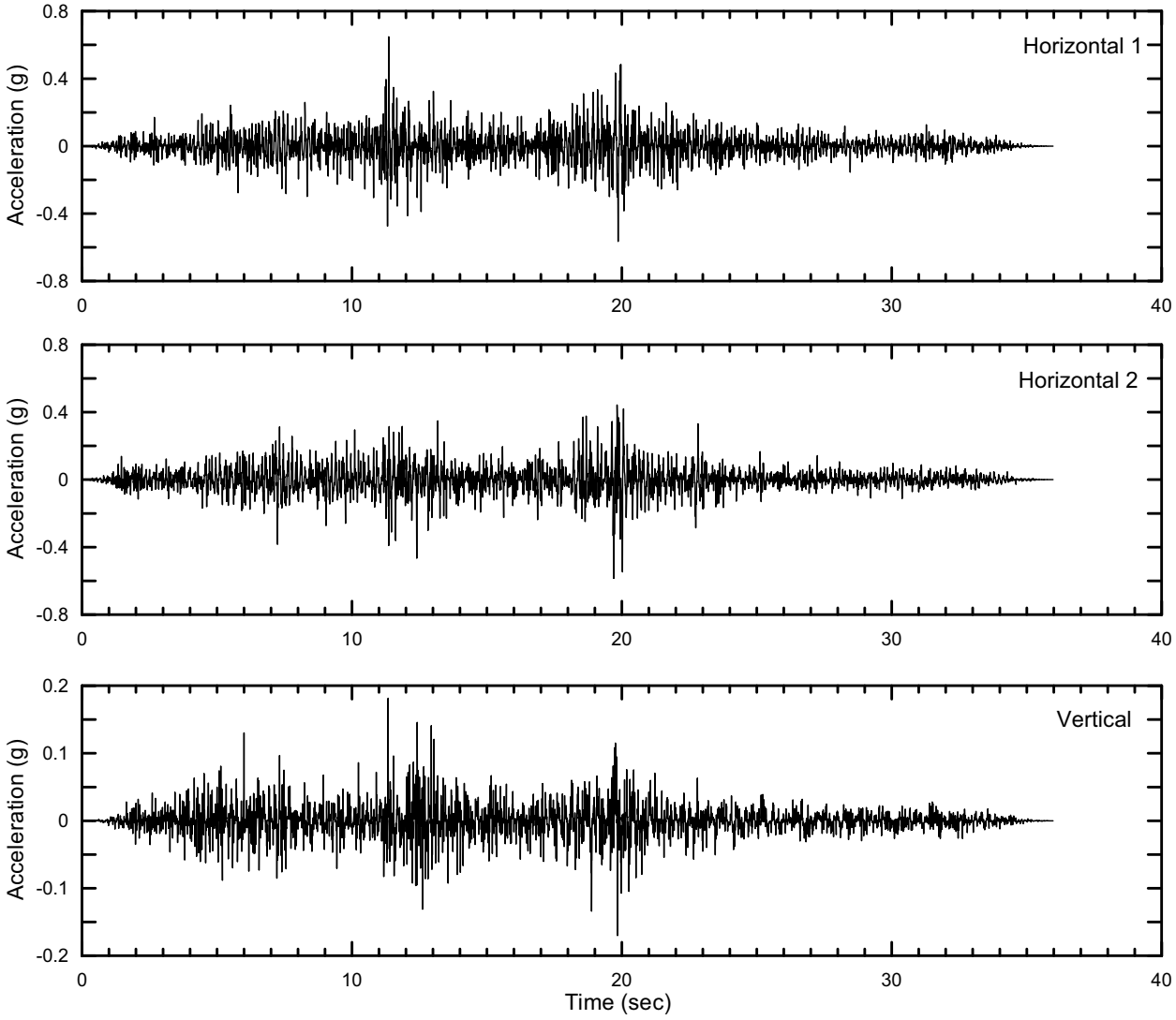
Source: Appendix D, Table D-1

Figure 6.5.2-91. Seed Time Histories, Set #1 at 10^{-4} AFE at SFA



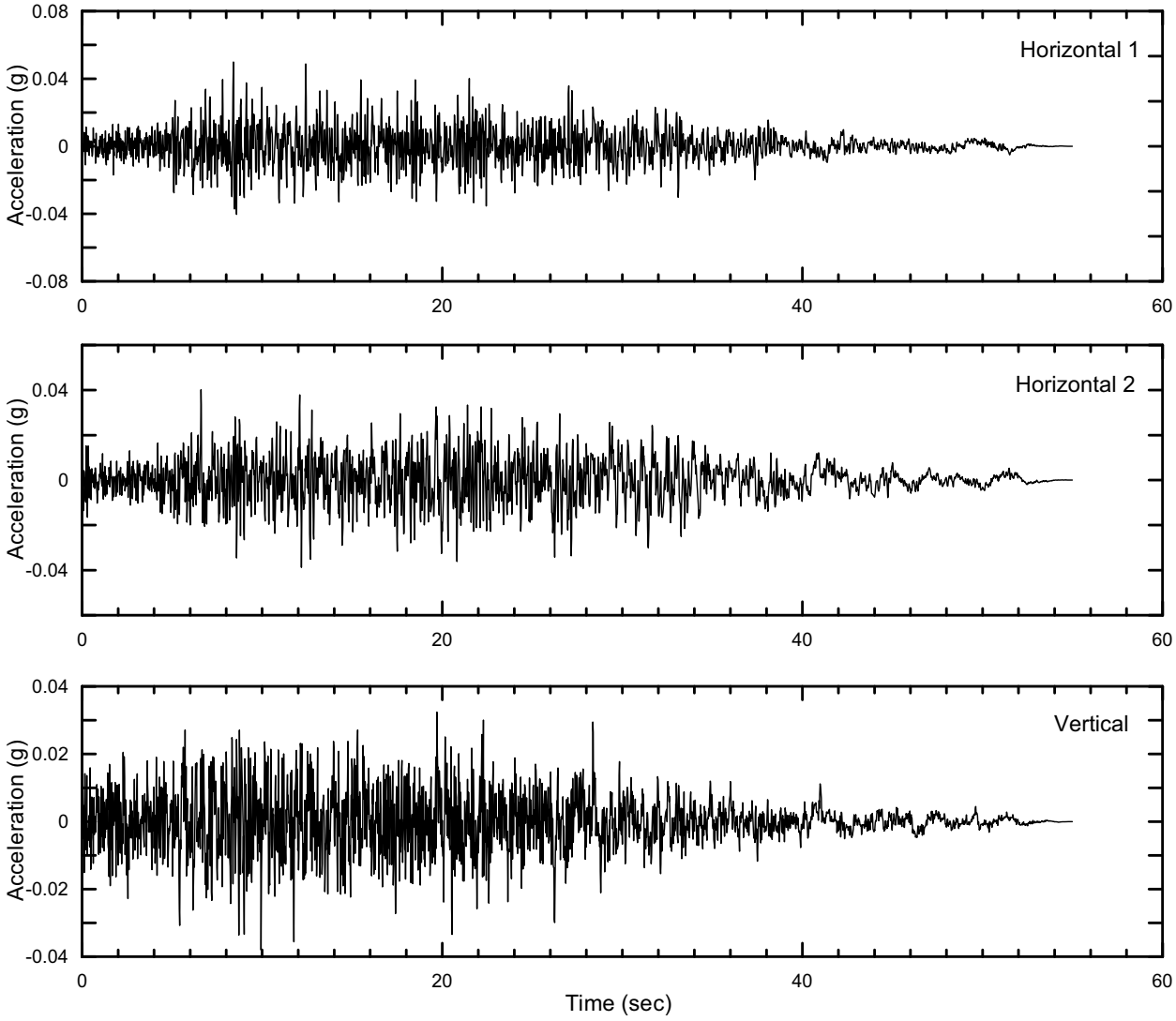
Source: Appendix D, Table D-1

Figure 6.5.2-92. Seed Time Histories, Set #2 at 10^{-4} AFE at SFA



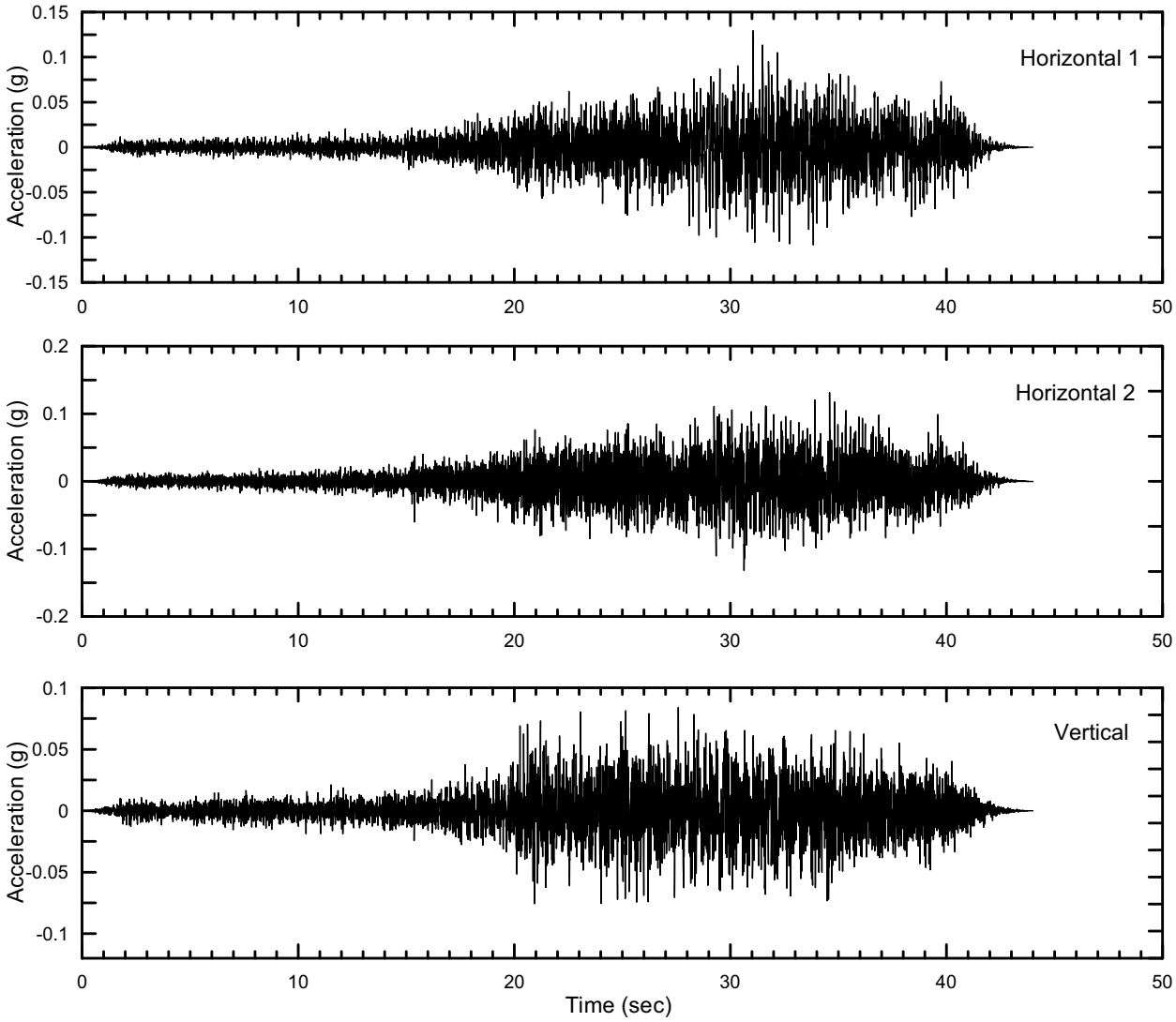
Source: Appendix D, Table D-1

Figure 6.5.2-93. Seed Time Histories, Set #3 at 10^{-4} AFE at SFA



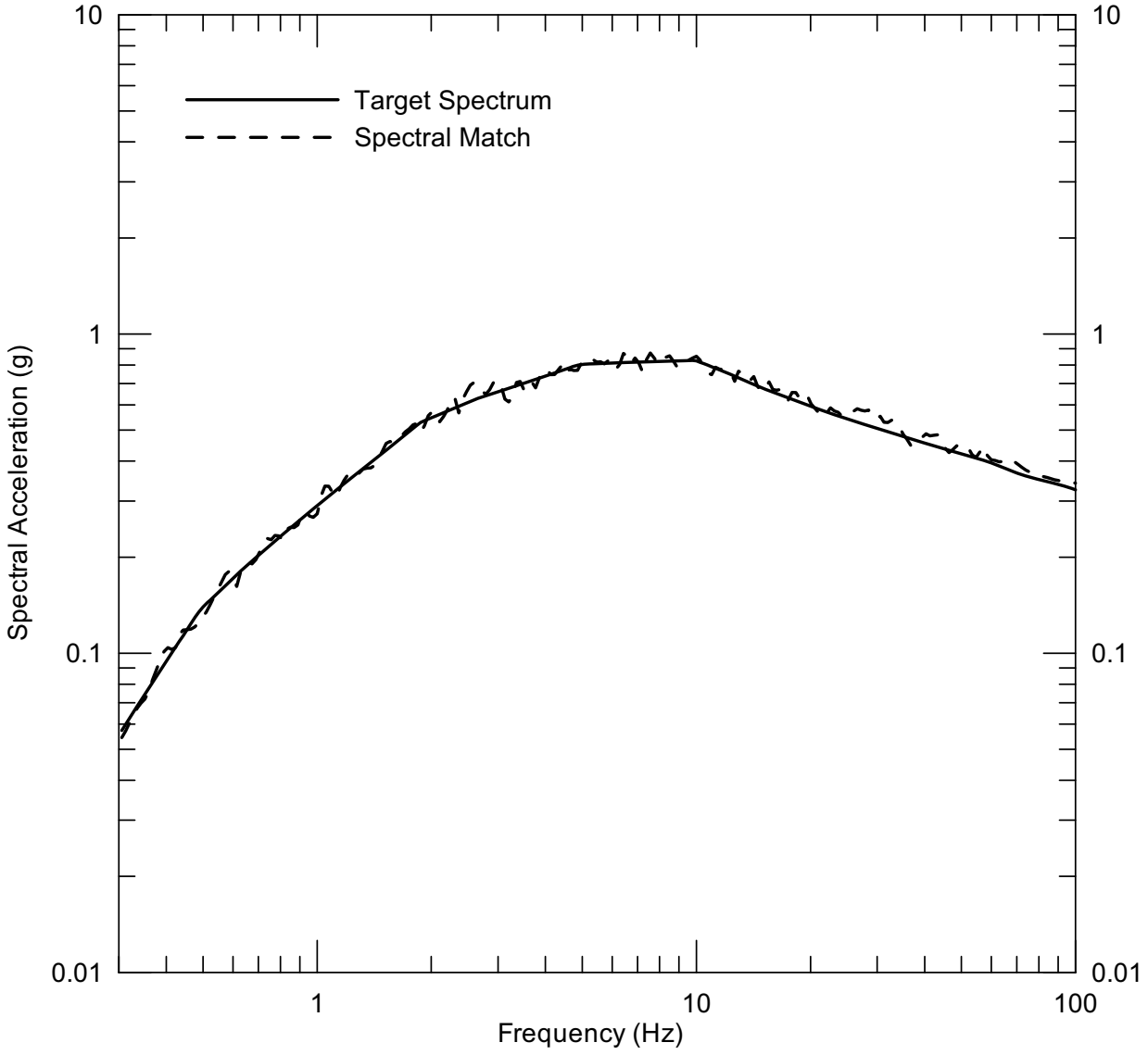
Source: Appendix D, Table D-1

Figure 6.5.2-94. Seed Time Histories, Set #4 at 10^{-4} AFE at SFA



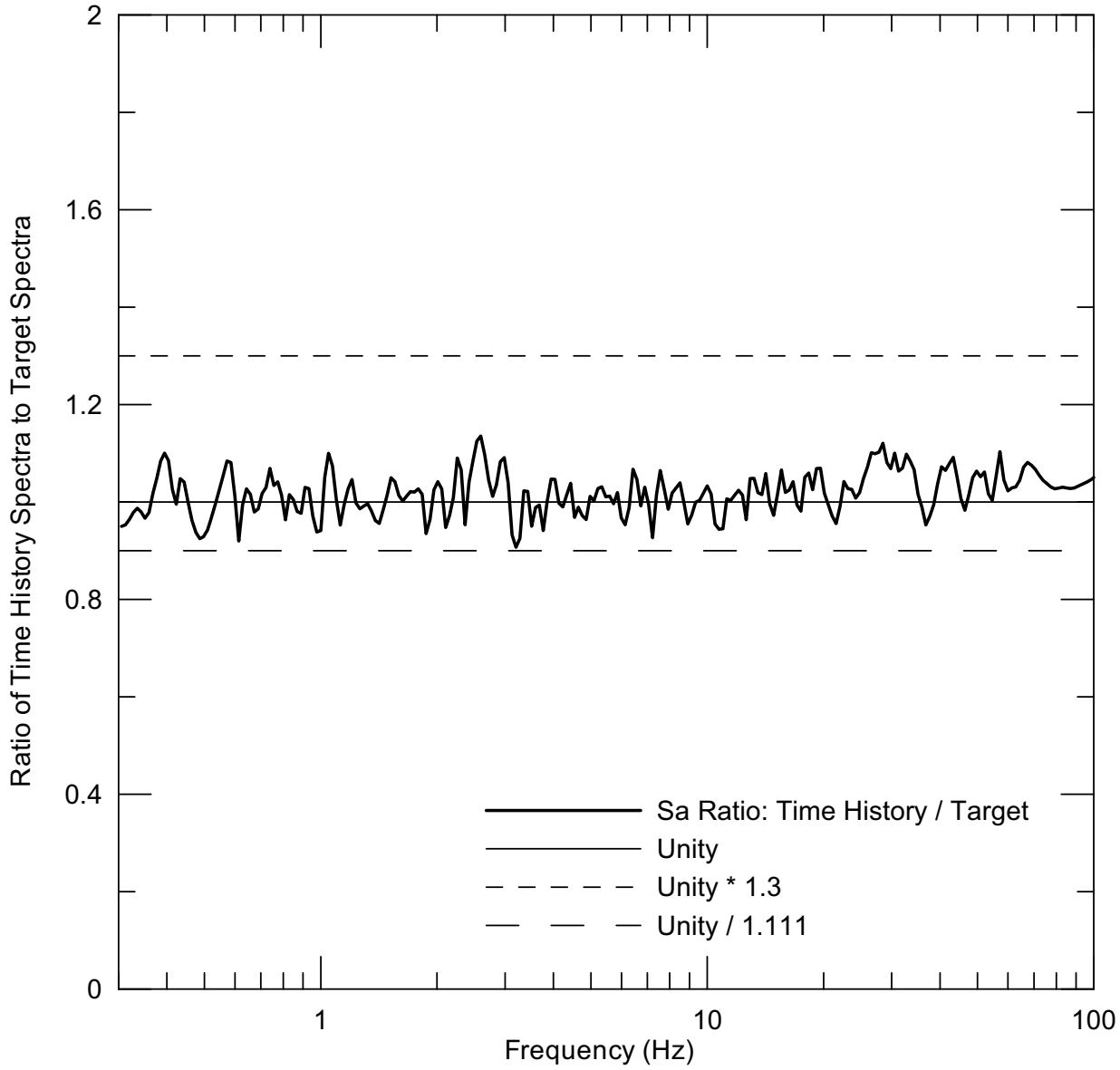
Source: Appendix D, Table D-1

Figure 6.5.2-95. Seed Time Histories, Set #5 at 10^{-4} AFE at SFA



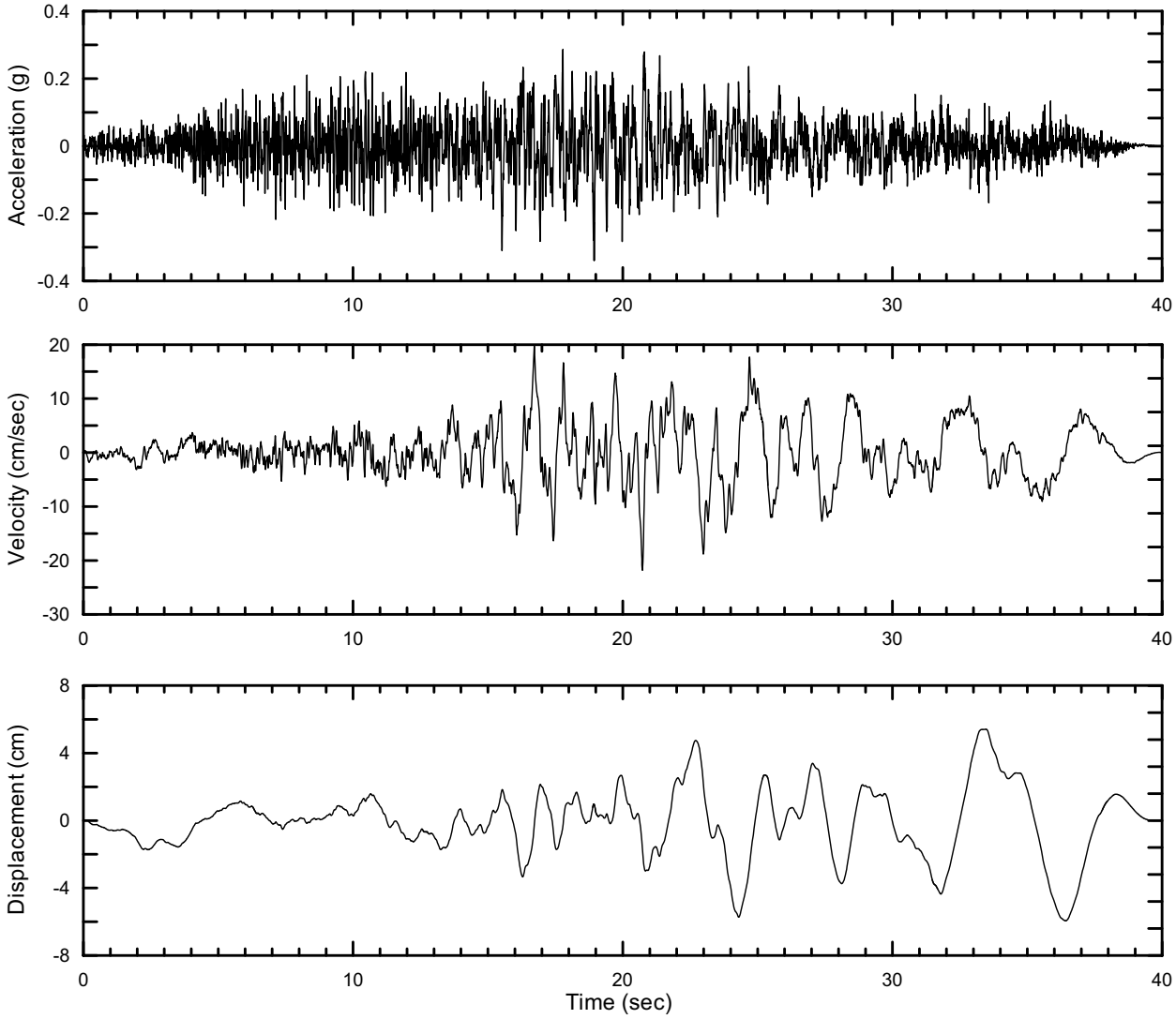
Source: Appendix D, Table D-1

Figure 6.5.2-96. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 1, Set 1



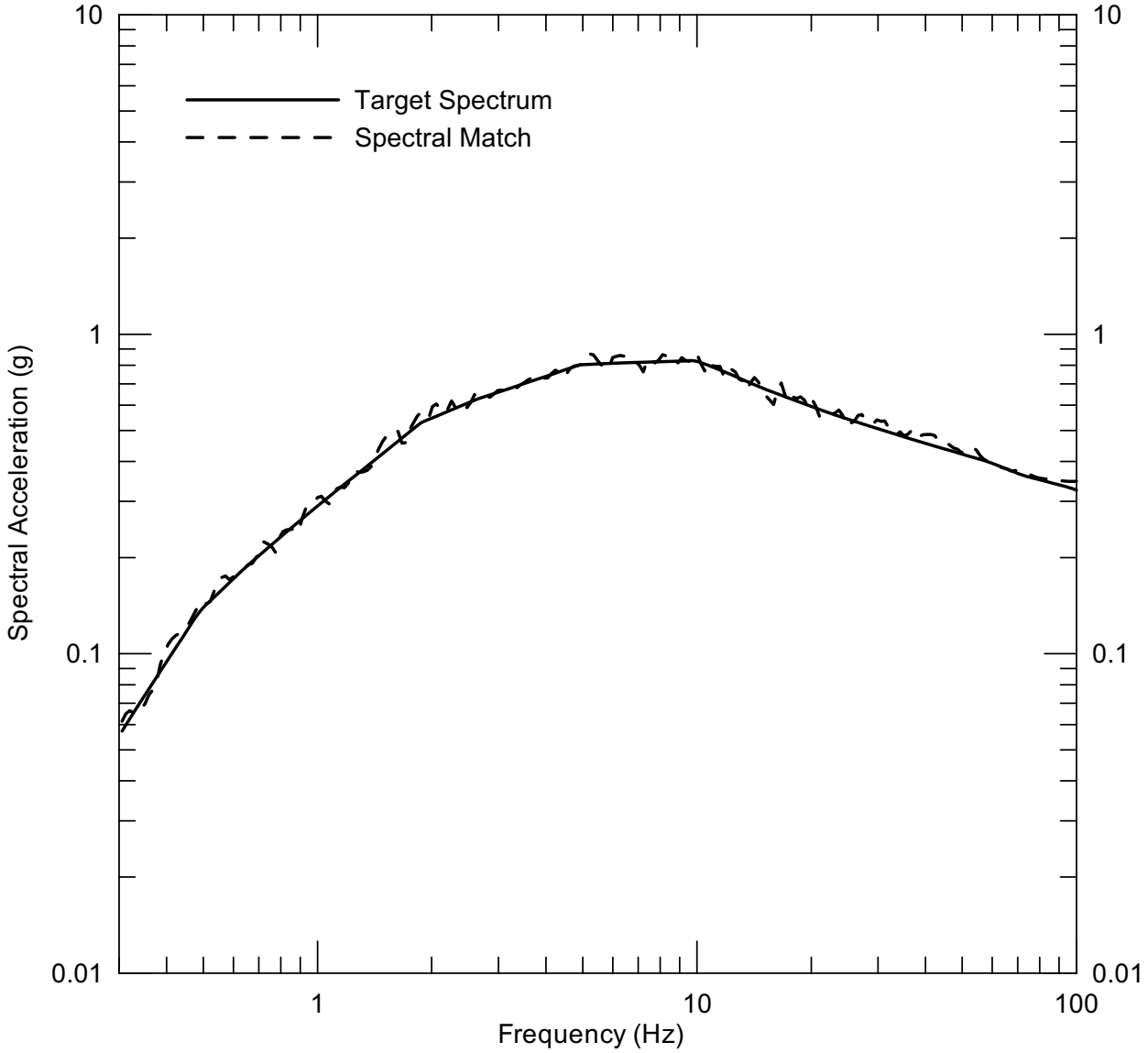
Source: Appendix D, Table D-1

Figure 6.5.2-97. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 1, Set 1



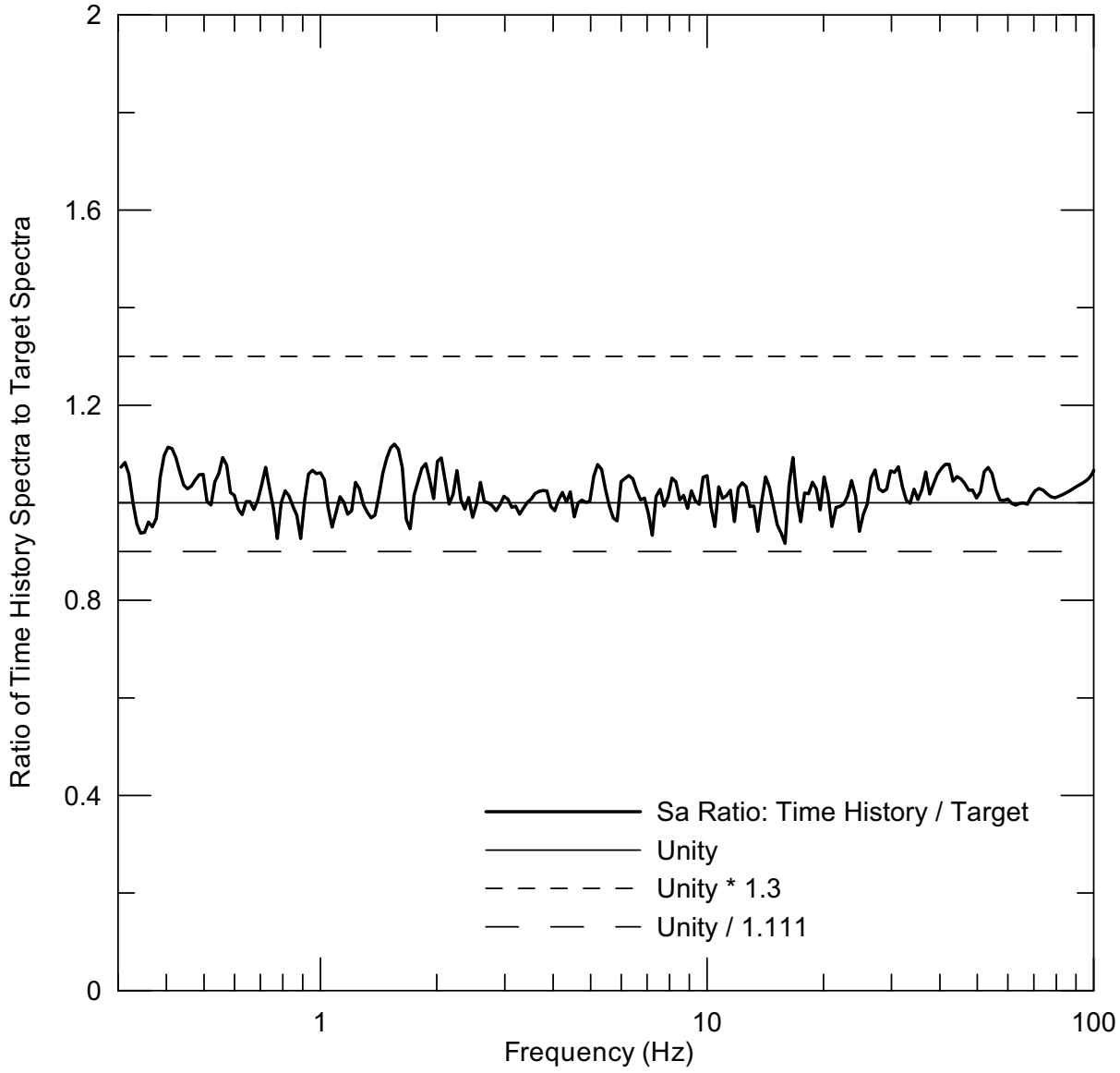
Source: Appendix D, Table D-1

Figure 6.5.2-98. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 1, Set 1



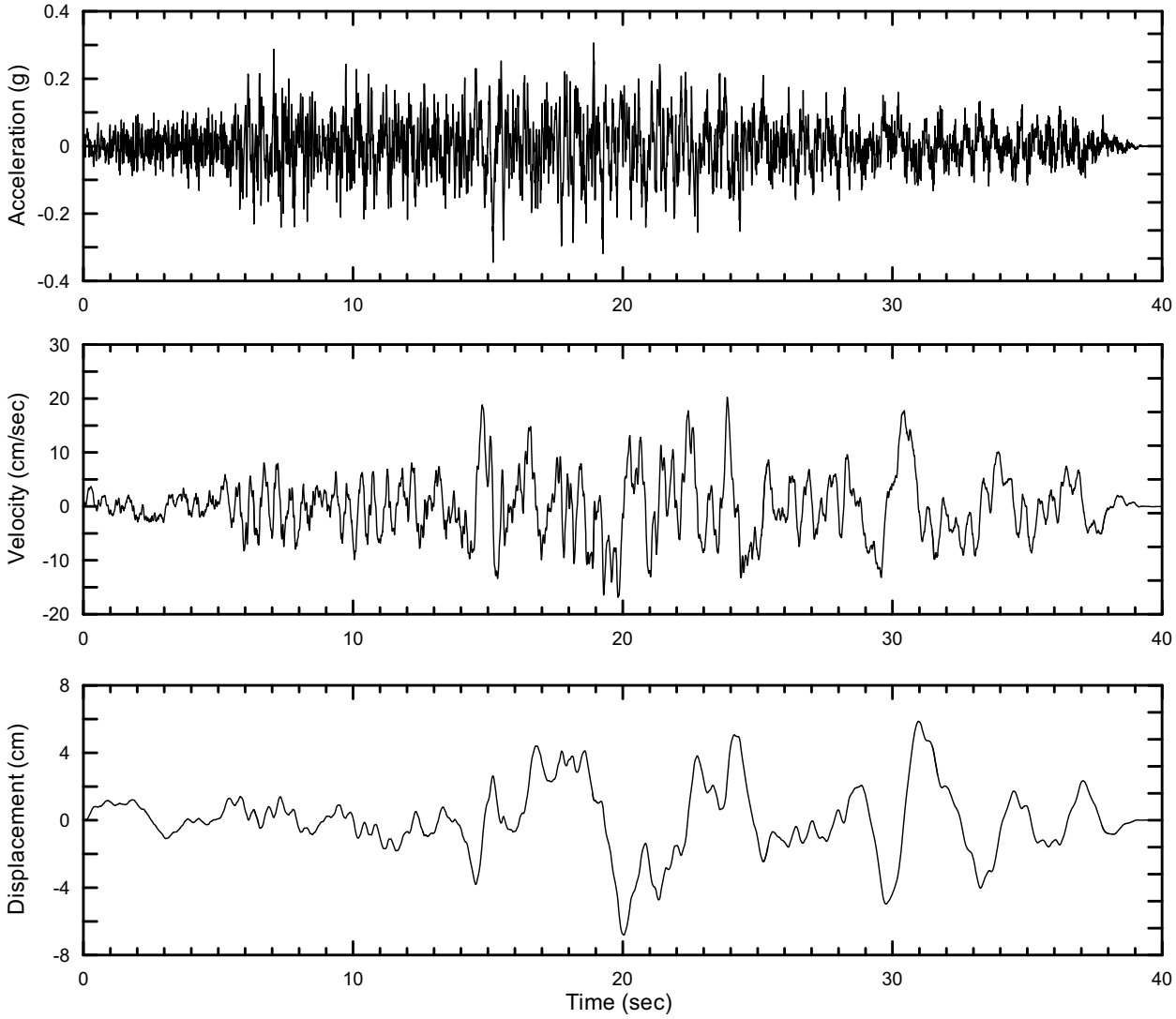
Source: Appendix D, Table D-1

Figure 6.5.2-99. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 2, Set 1



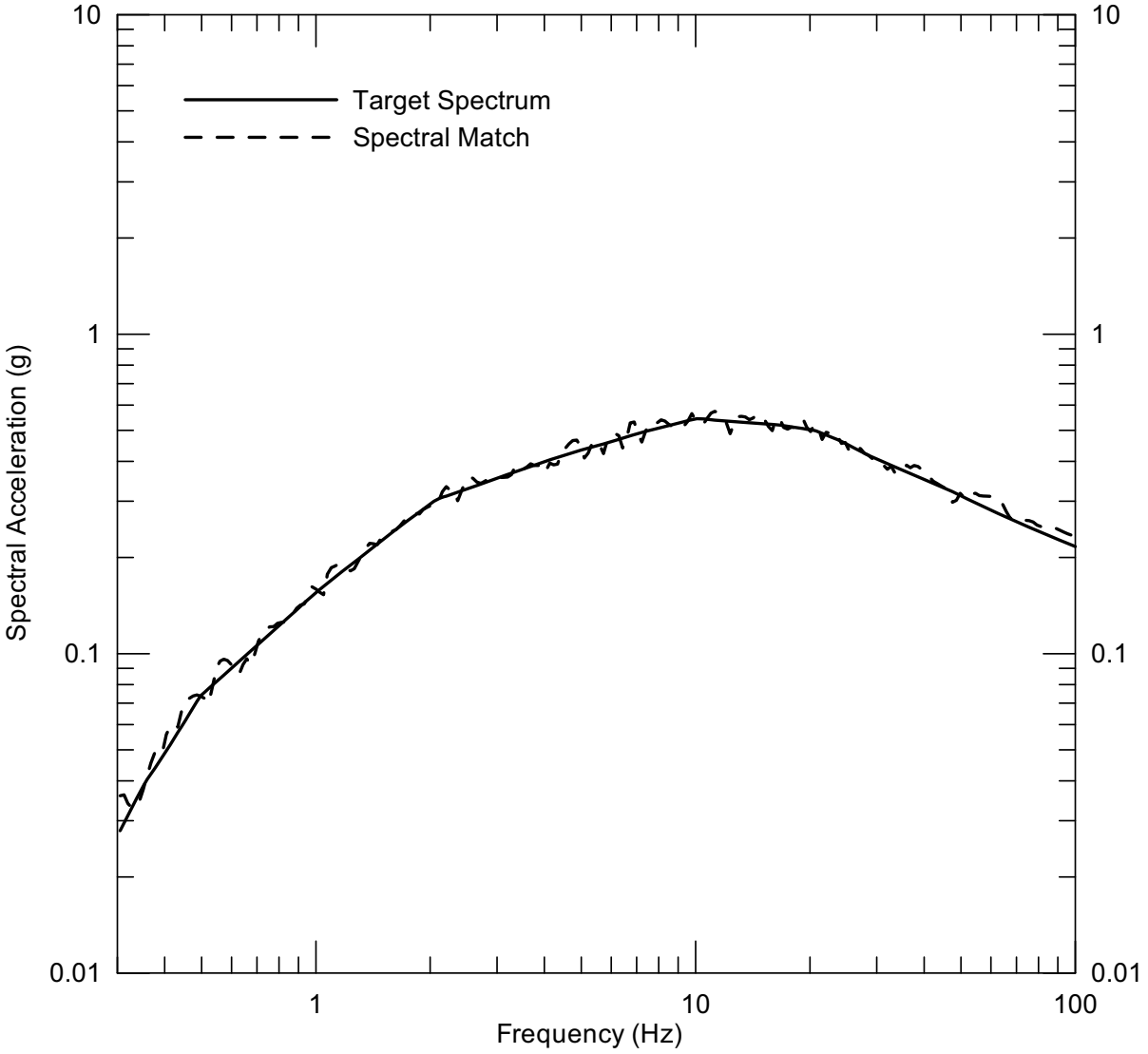
Source: Appendix D, Table D-1

Figure 6.5.2-100. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 2, Set 1



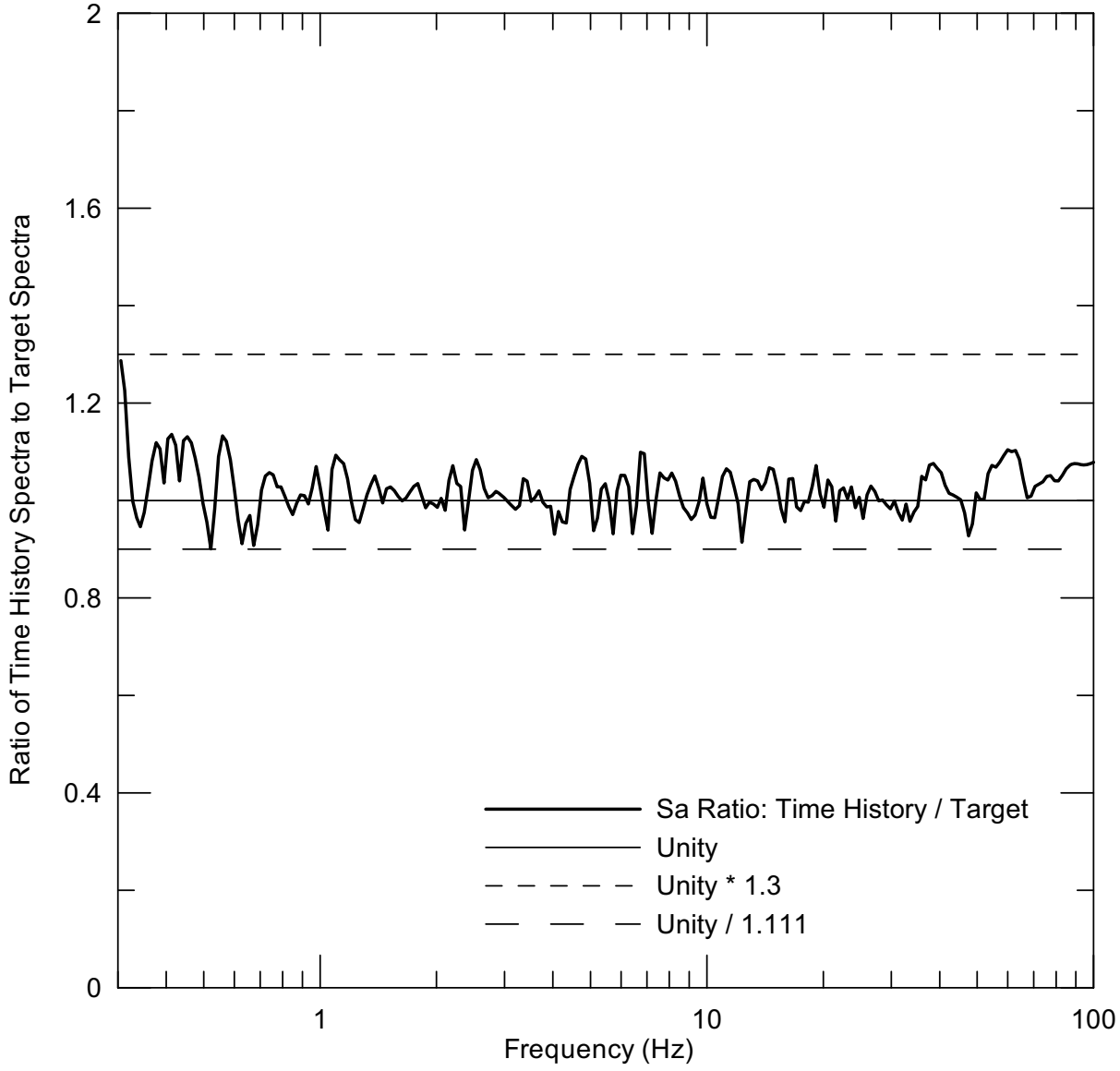
Source: Appendix D, Table D-1

Figure 6.5.2-101. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 2, Set 1



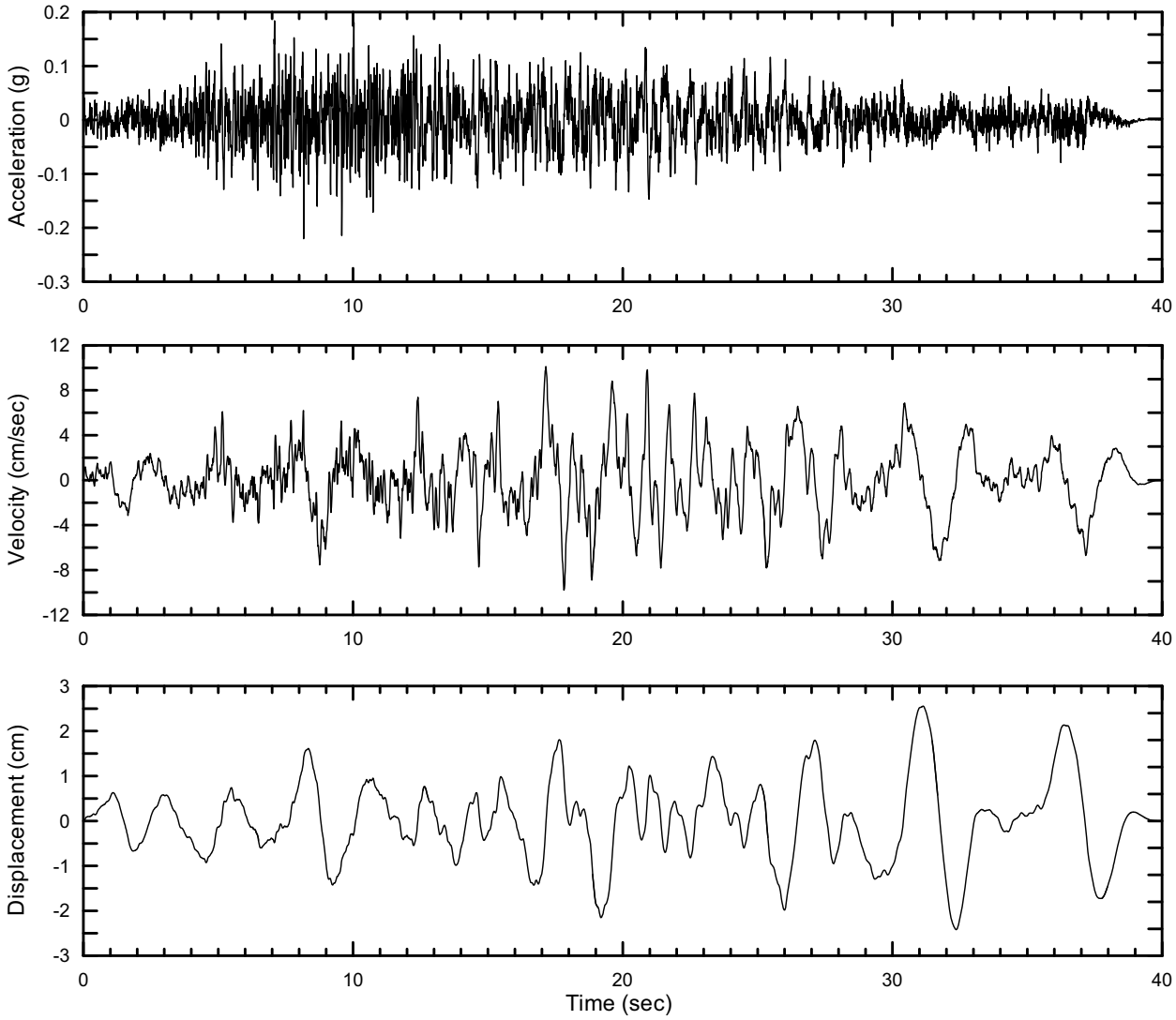
Source: Appendix D, Table D-1

Figure 6.5.2-102. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Vertical, Set 1



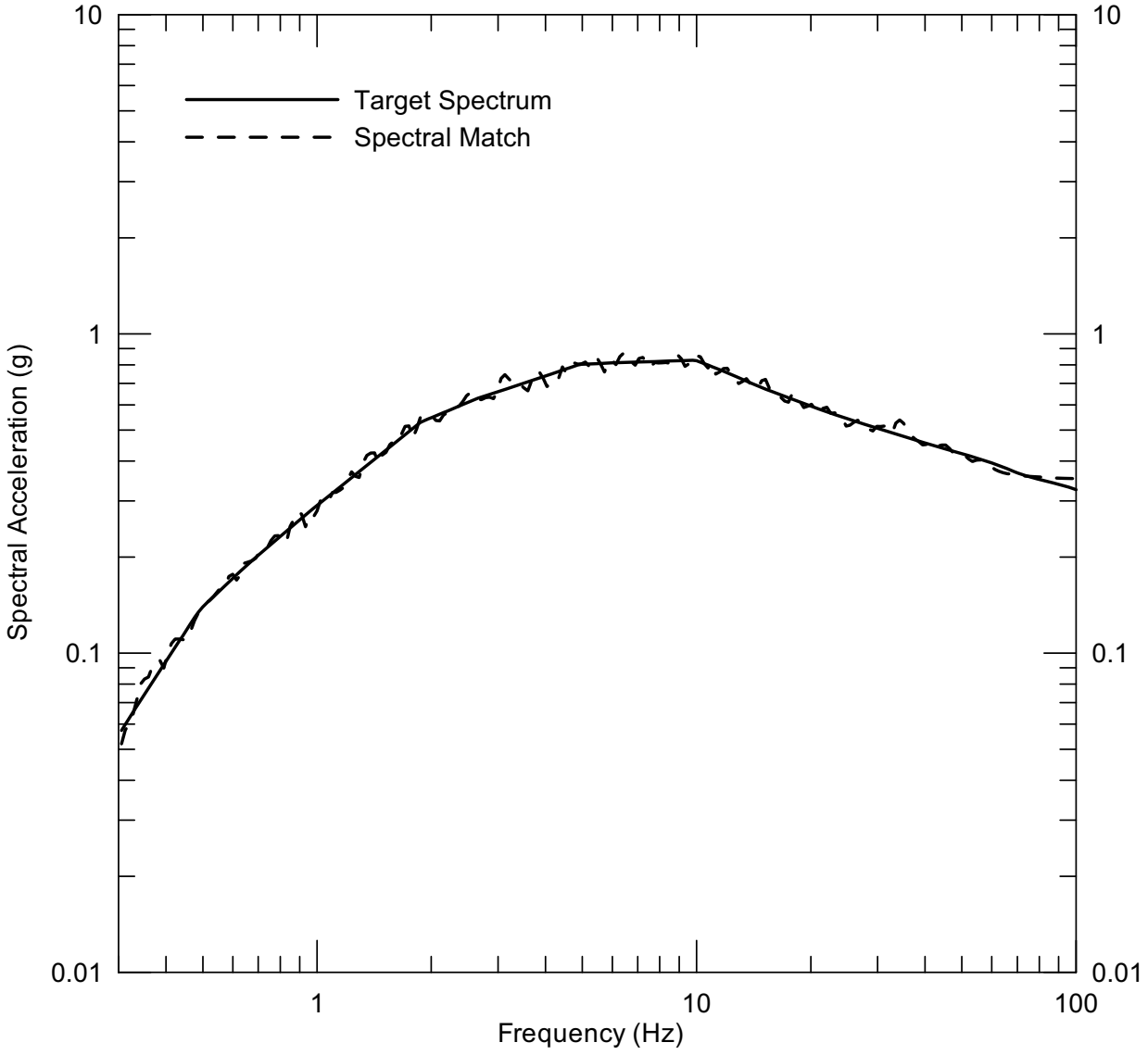
Source: Appendix D, Table D-1

Figure 6.5.2-103. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Vertical, Set 1



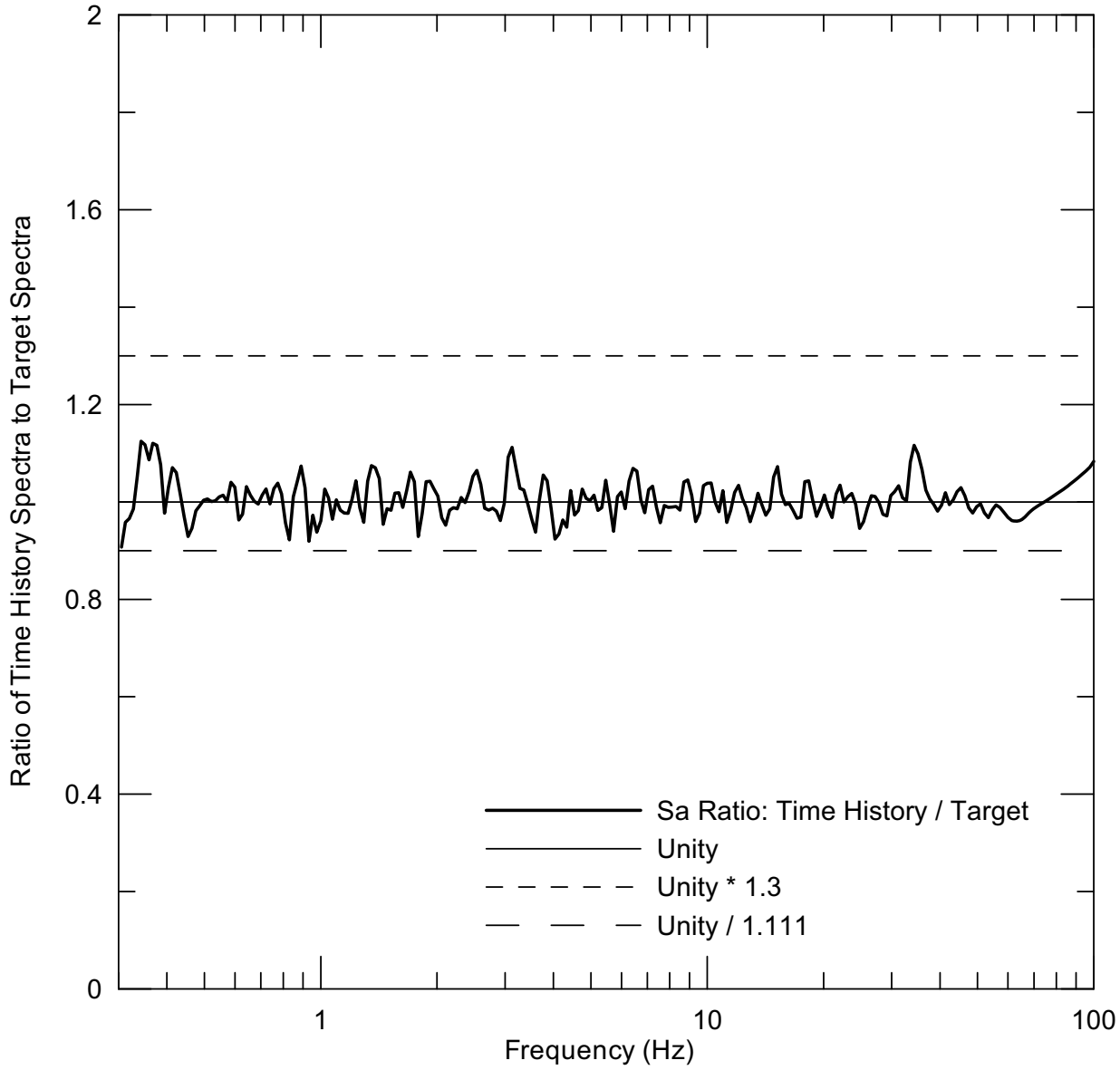
Source: Appendix D, Table D-1

Figure 6.5.2-104. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Vertical, Set 1



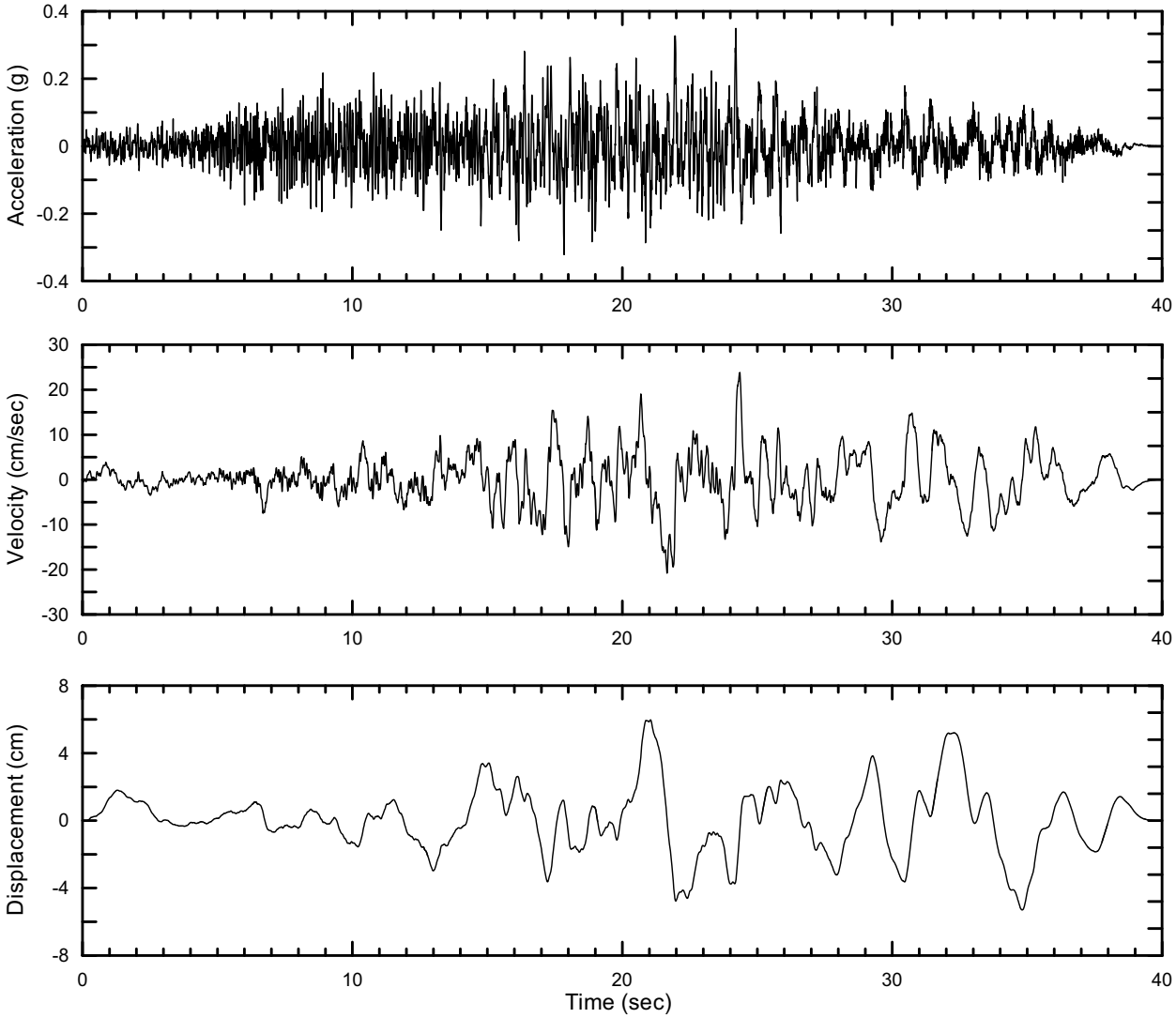
Source: Appendix D, Table D-1

Figure 6.5.2-105. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 1, Set 2



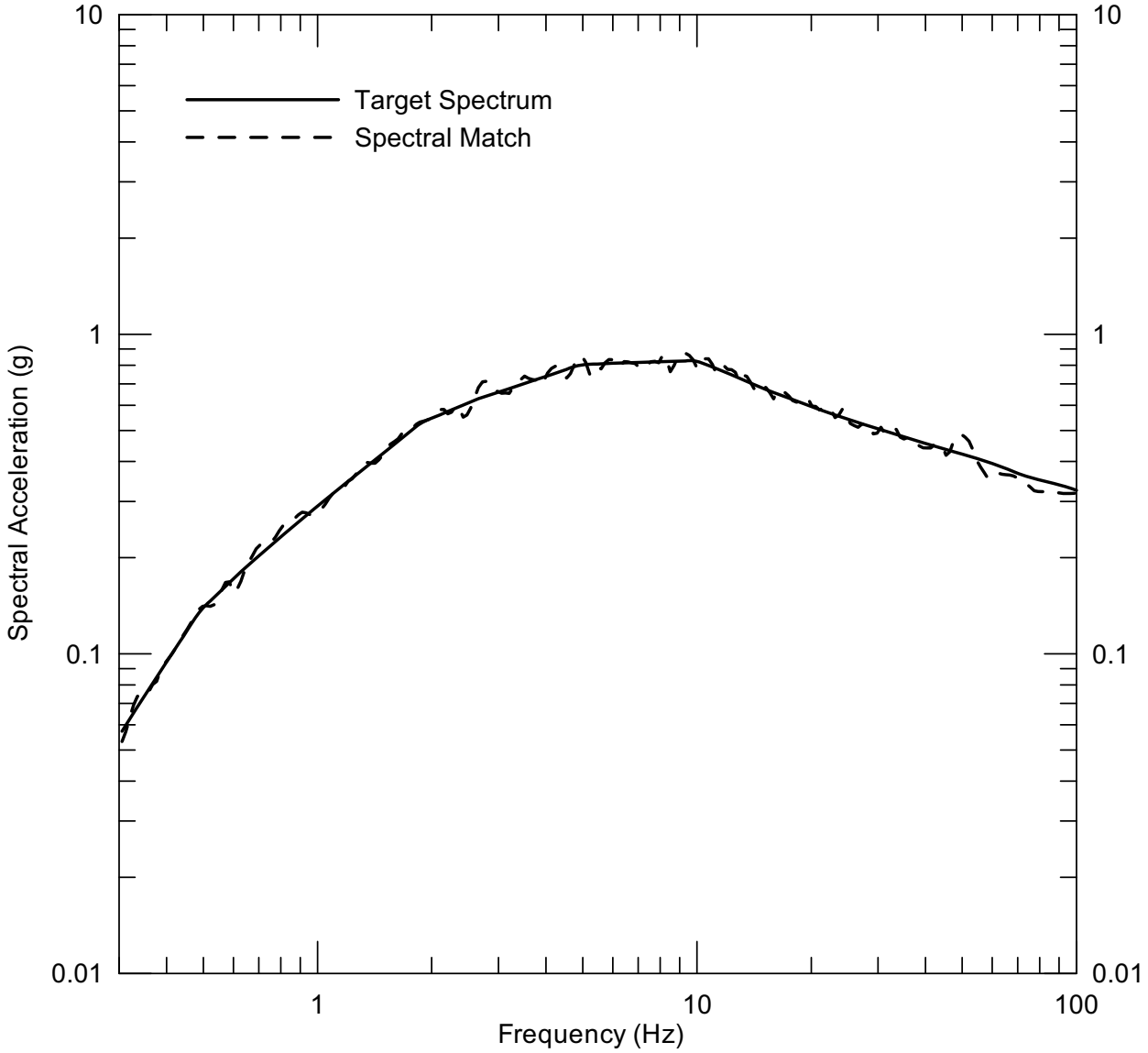
Source: Appendix D, Table D-1

Figure 6.5.2-106. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 1, Set 2



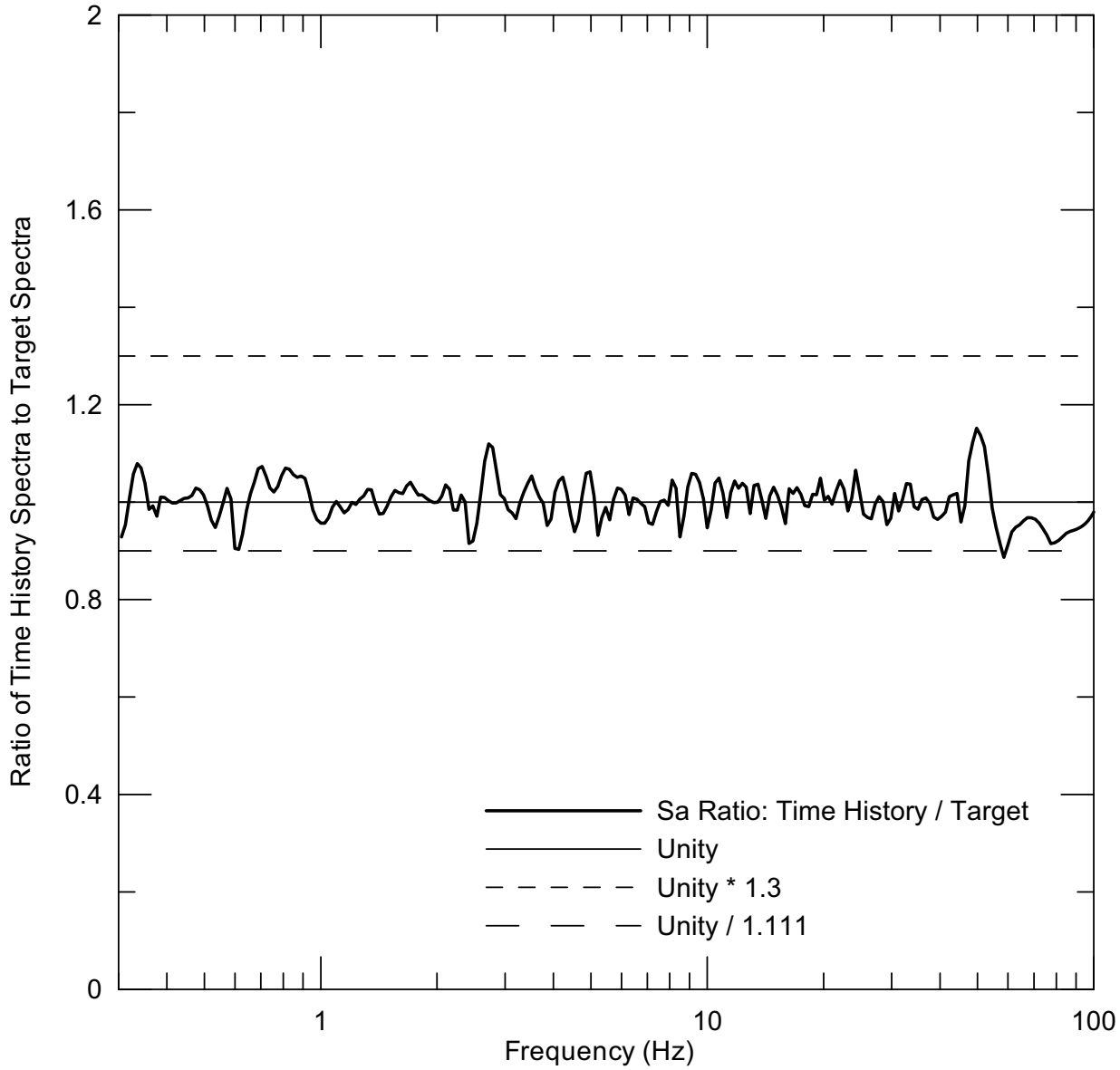
Source: Appendix D, Table D-1

Figure 6.5.2-107. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 1, Set 2



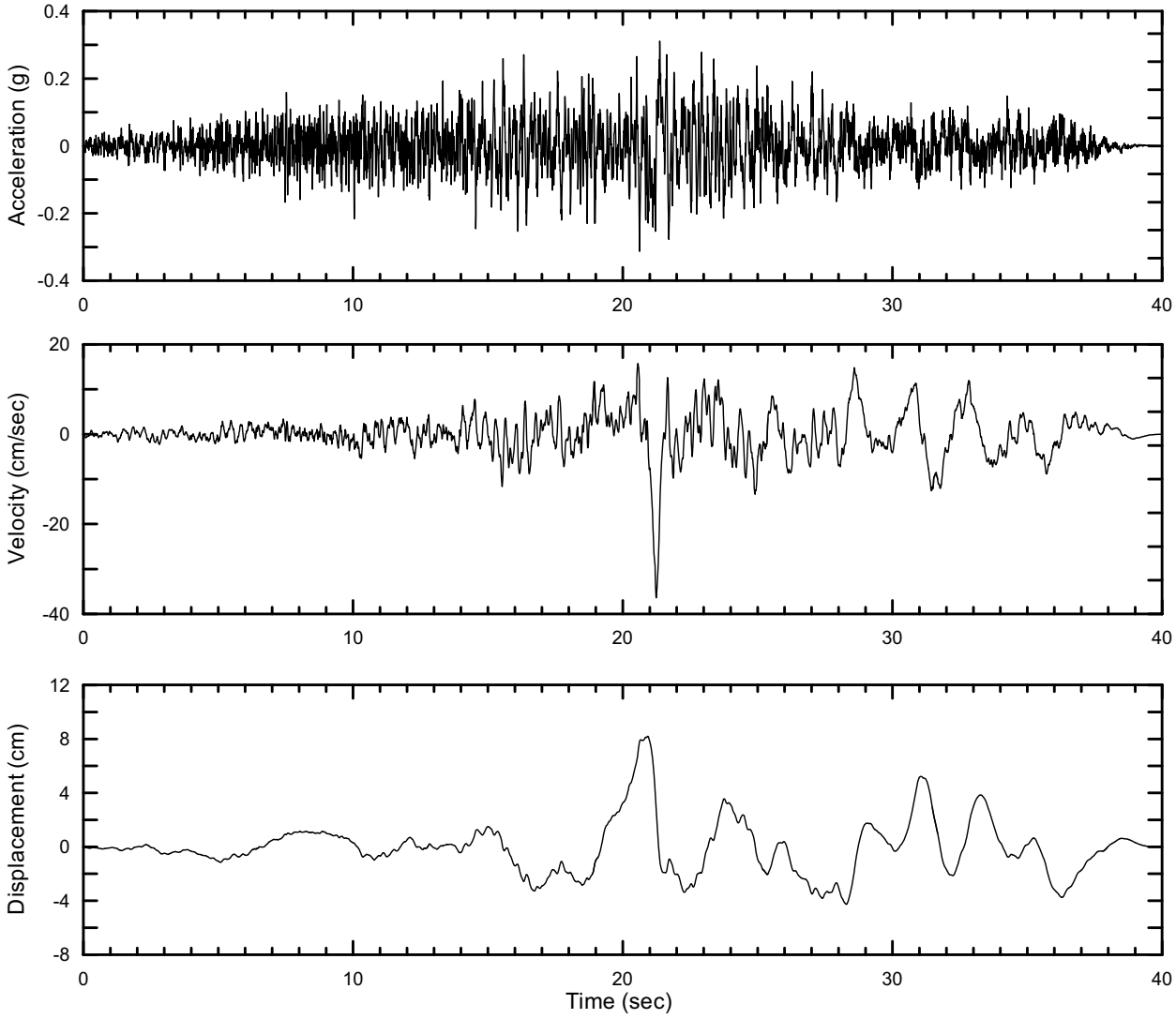
Source: Appendix D, Table D-1

Figure 6.5.2-108. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 2, Set 2



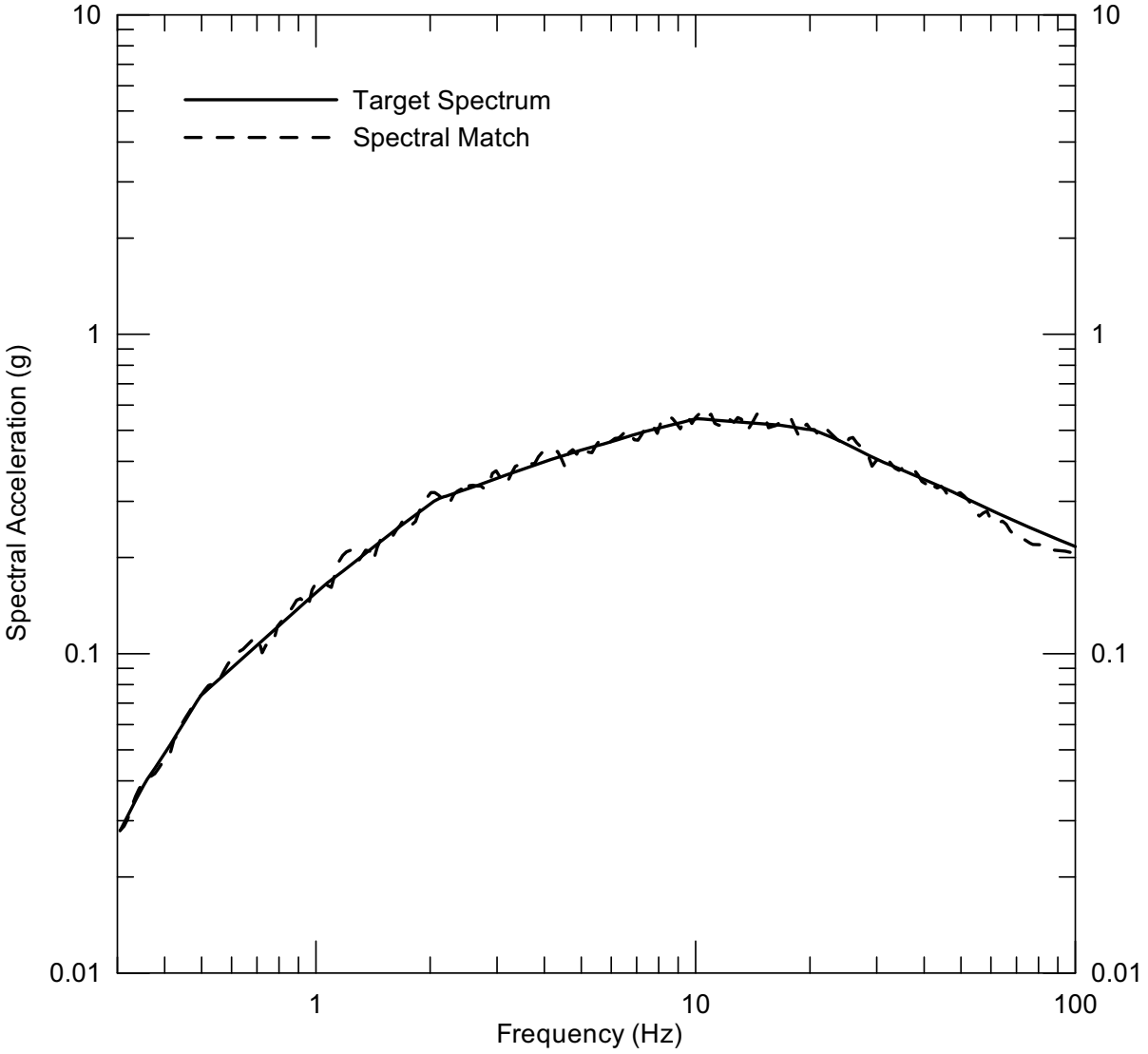
Source: Appendix D, Table D-1

Figure 6.5.2-109. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 2, Set 2



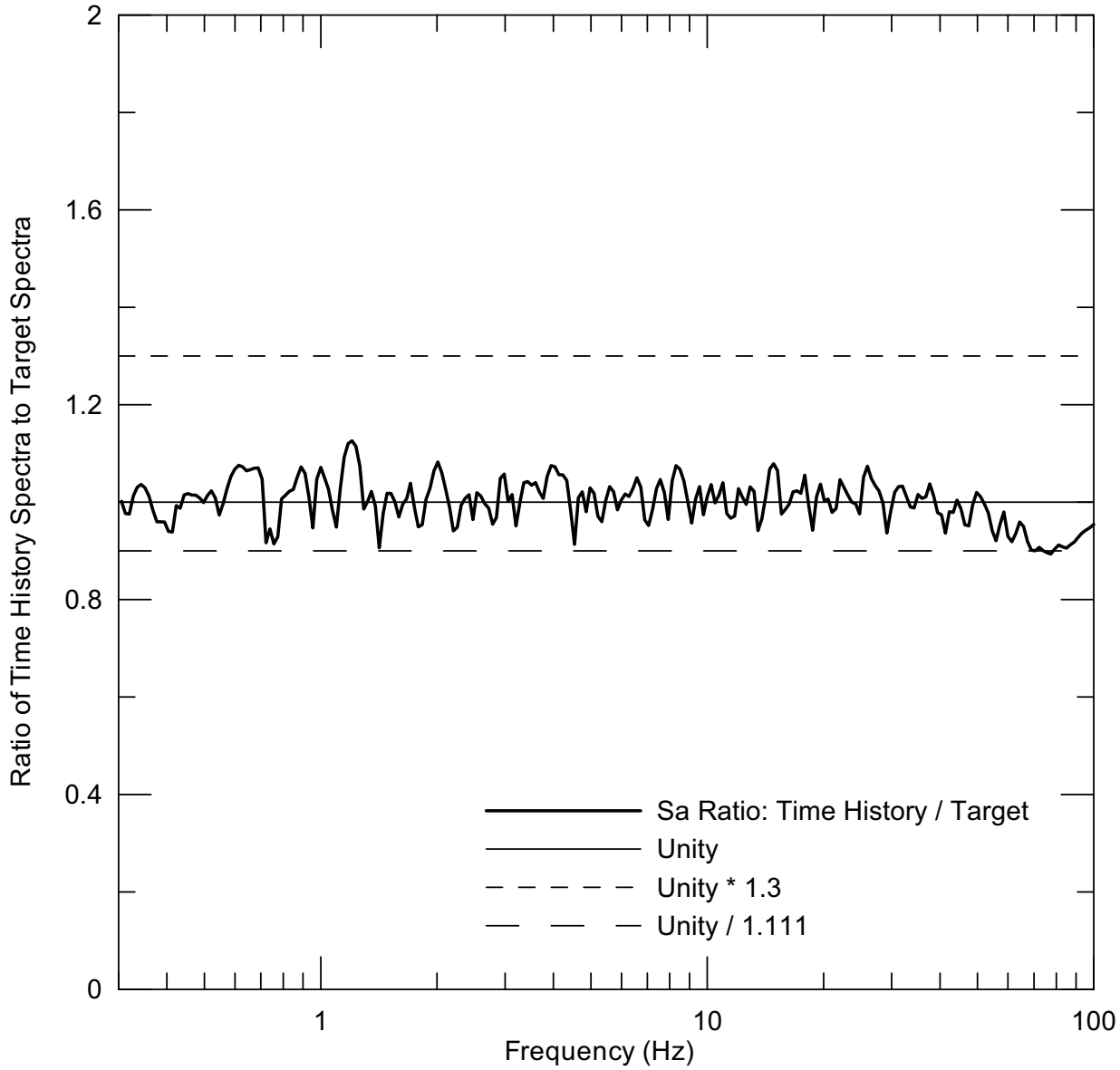
Source: Appendix D, Table D-1

Figure 6.5.2-110. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 2, Set 2



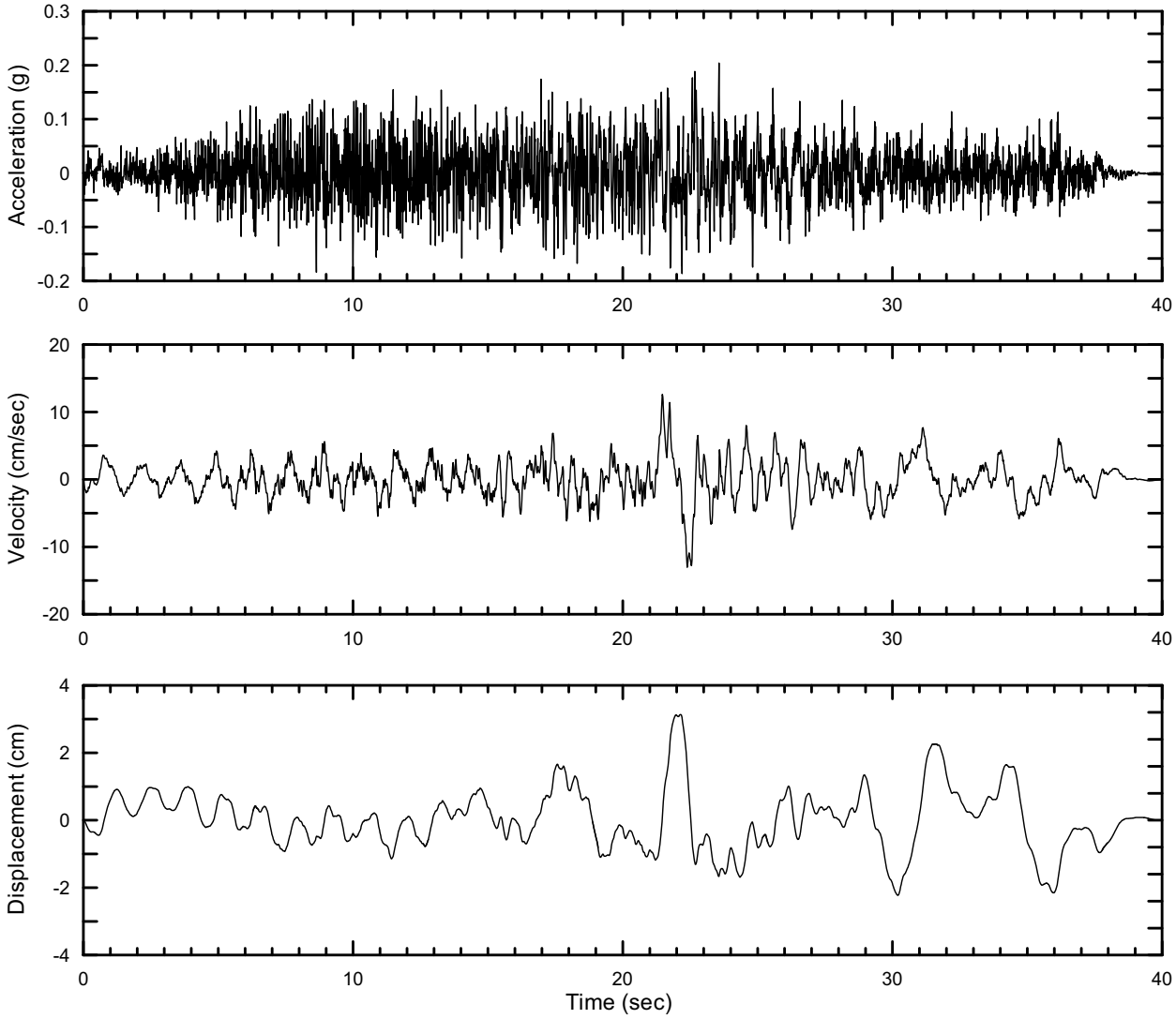
Source: Appendix D, Table D-1

Figure 6.5.2-111. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Vertical, Set 2



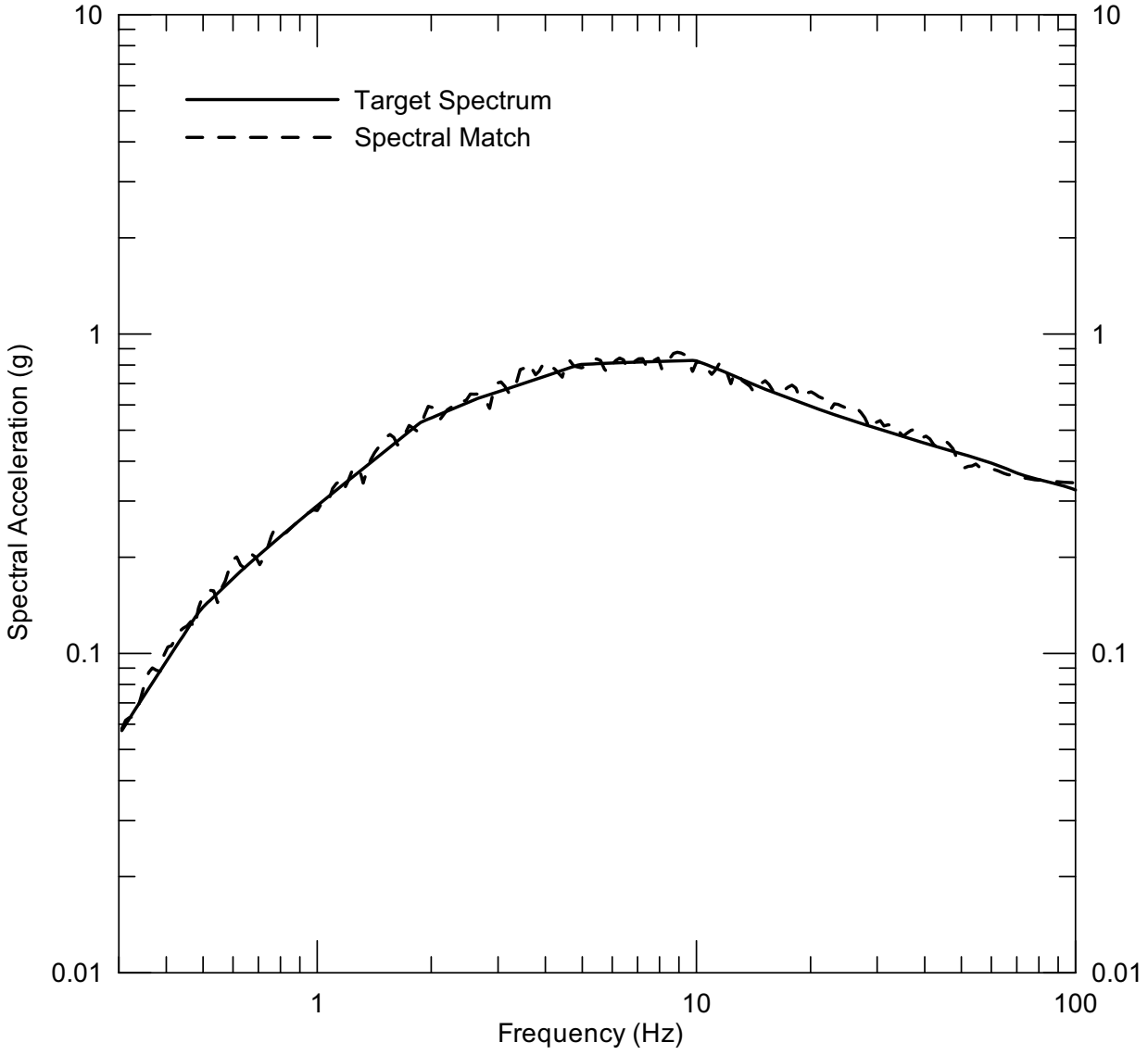
Source: Appendix D, Table D-1

Figure 6.5.2-112. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Vertical, Set 2



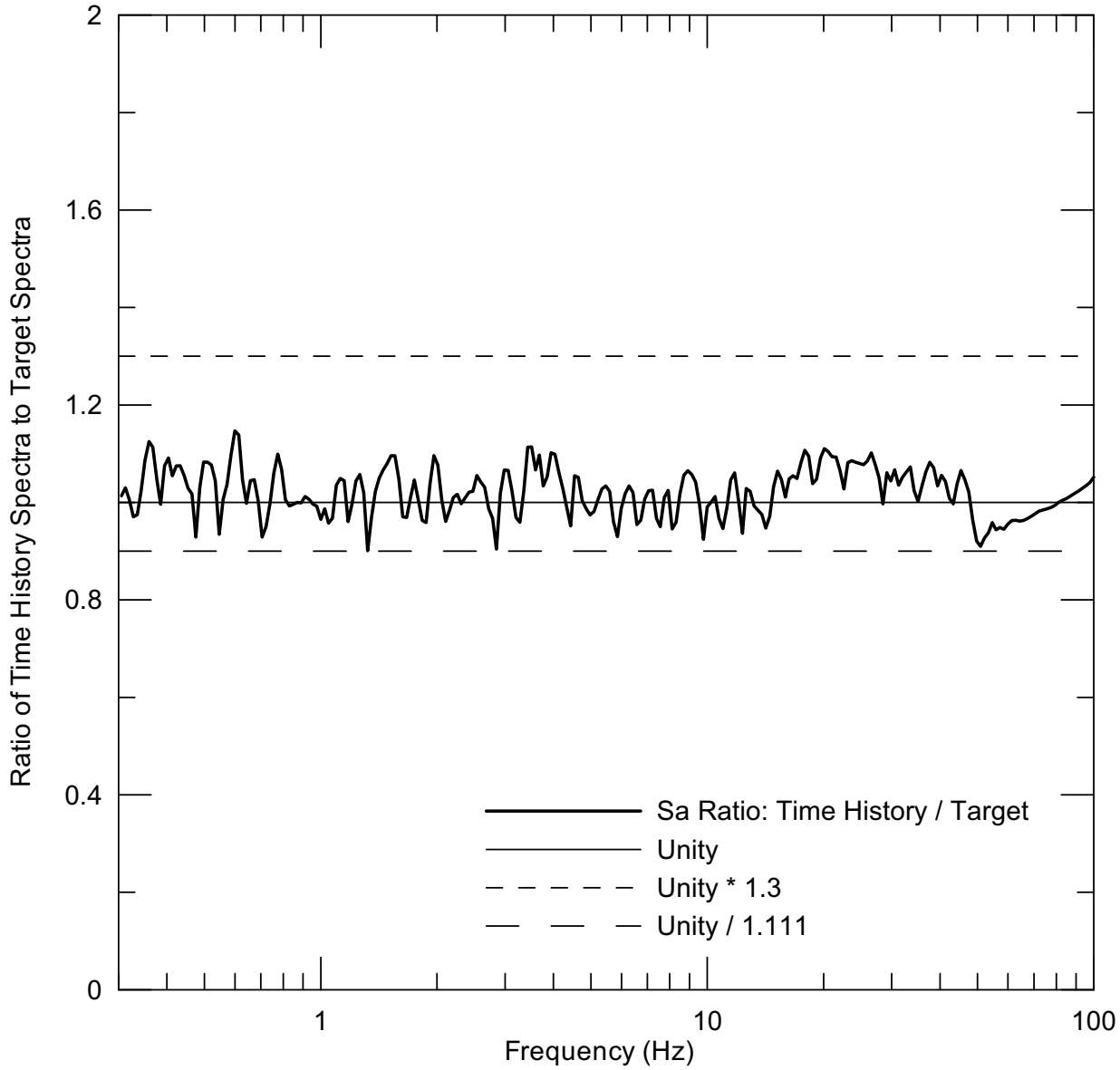
Source: Appendix D, Table D-1

Figure 6.5.2-113. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Vertical, Set 2



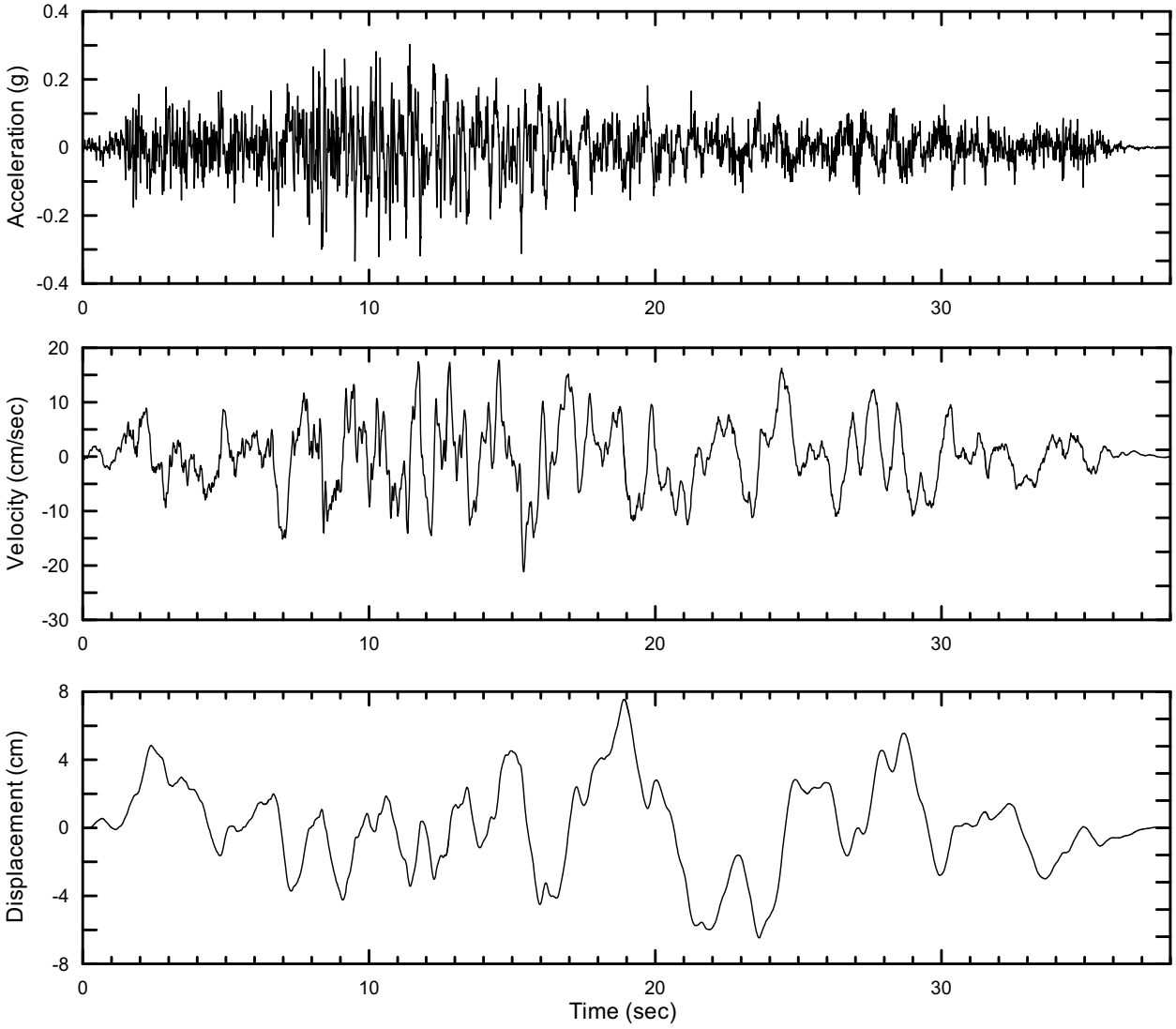
Source: Appendix D, Table D-1

Figure 6.5.2-114. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 1, Set 3



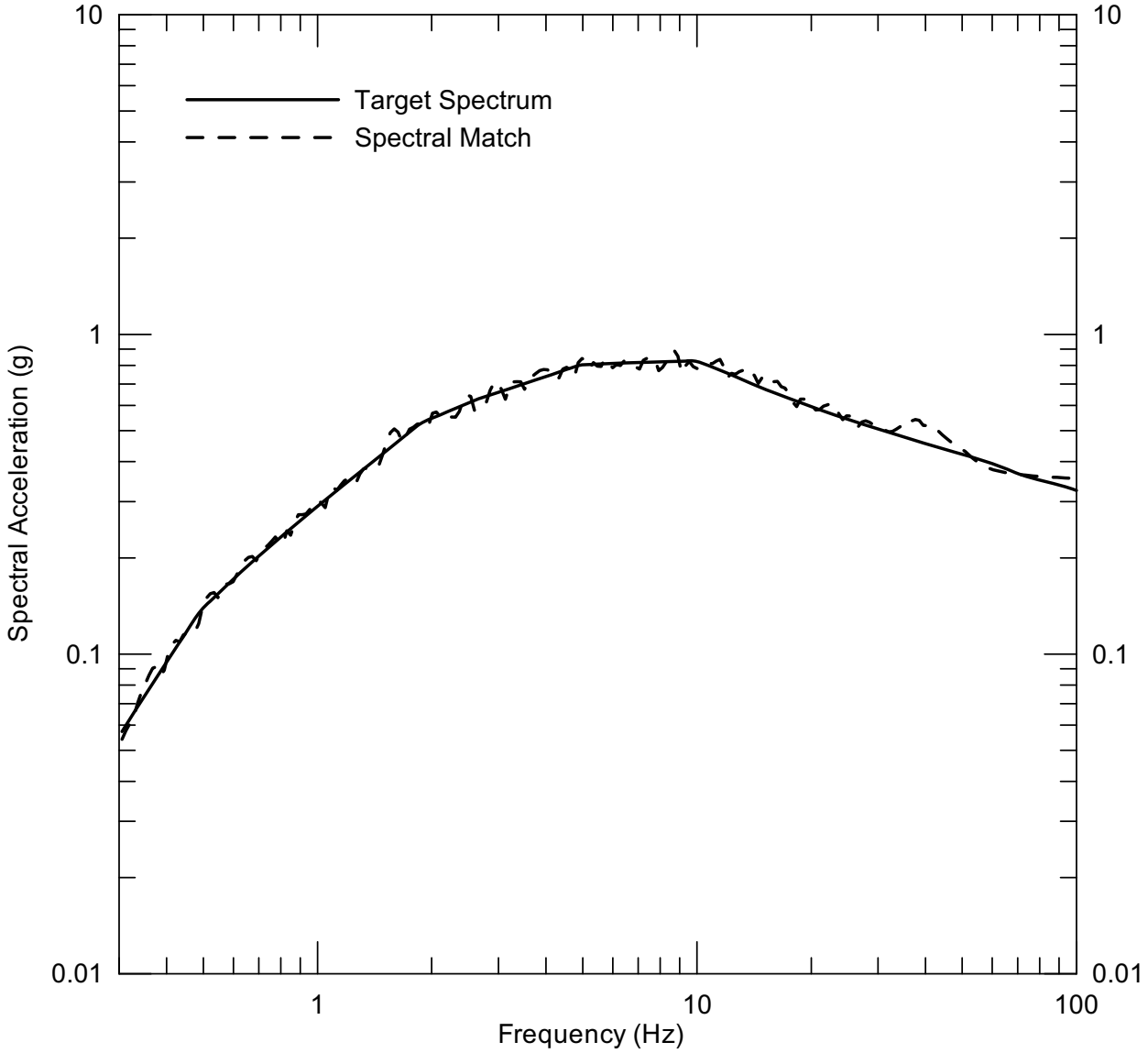
Source: Appendix D, Table D-1

Figure 6.5.2-115. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 1, Set 3



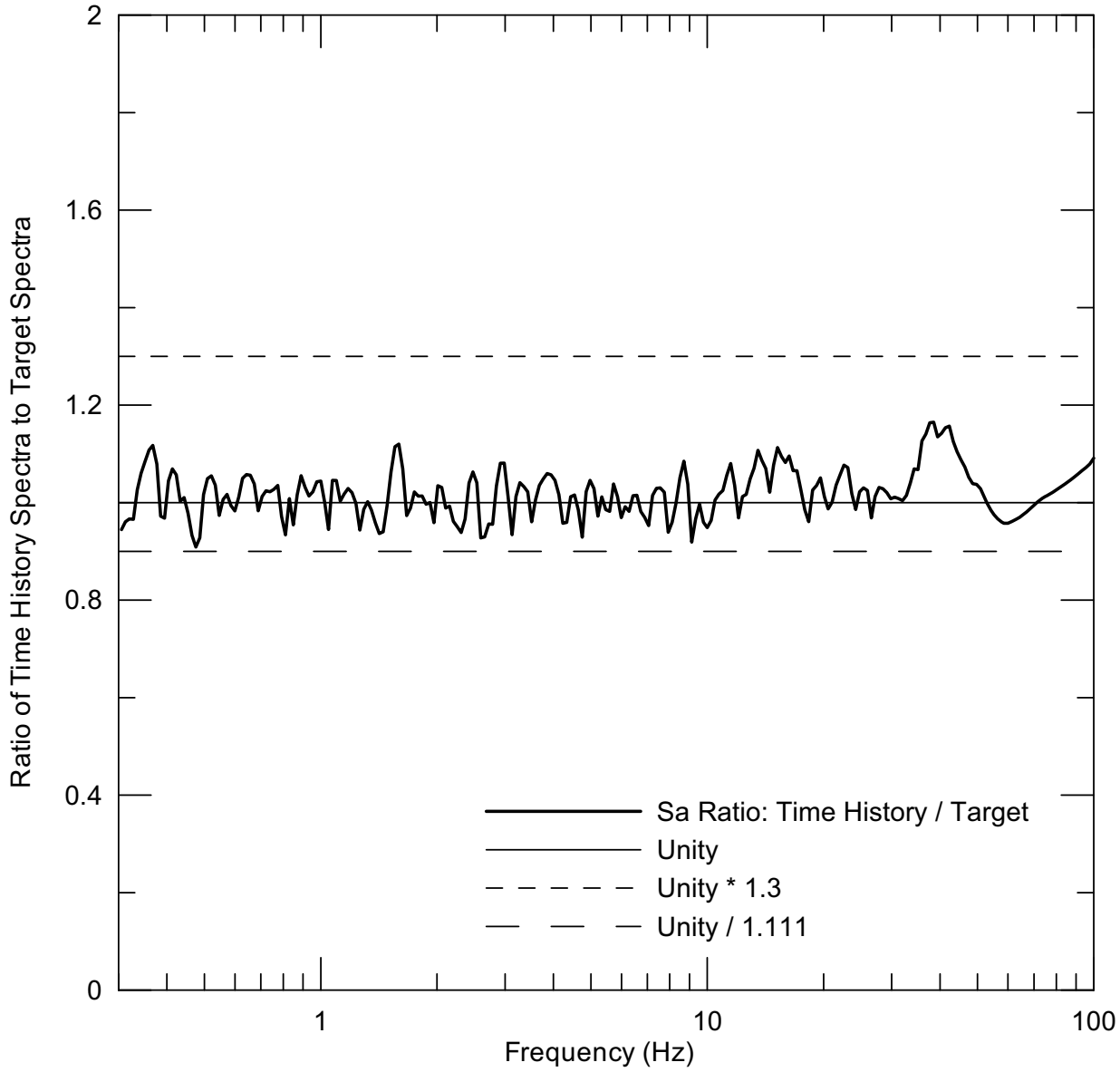
Source: Appendix D, Table D-1

Figure 6.5.2-116. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 1, Set 3



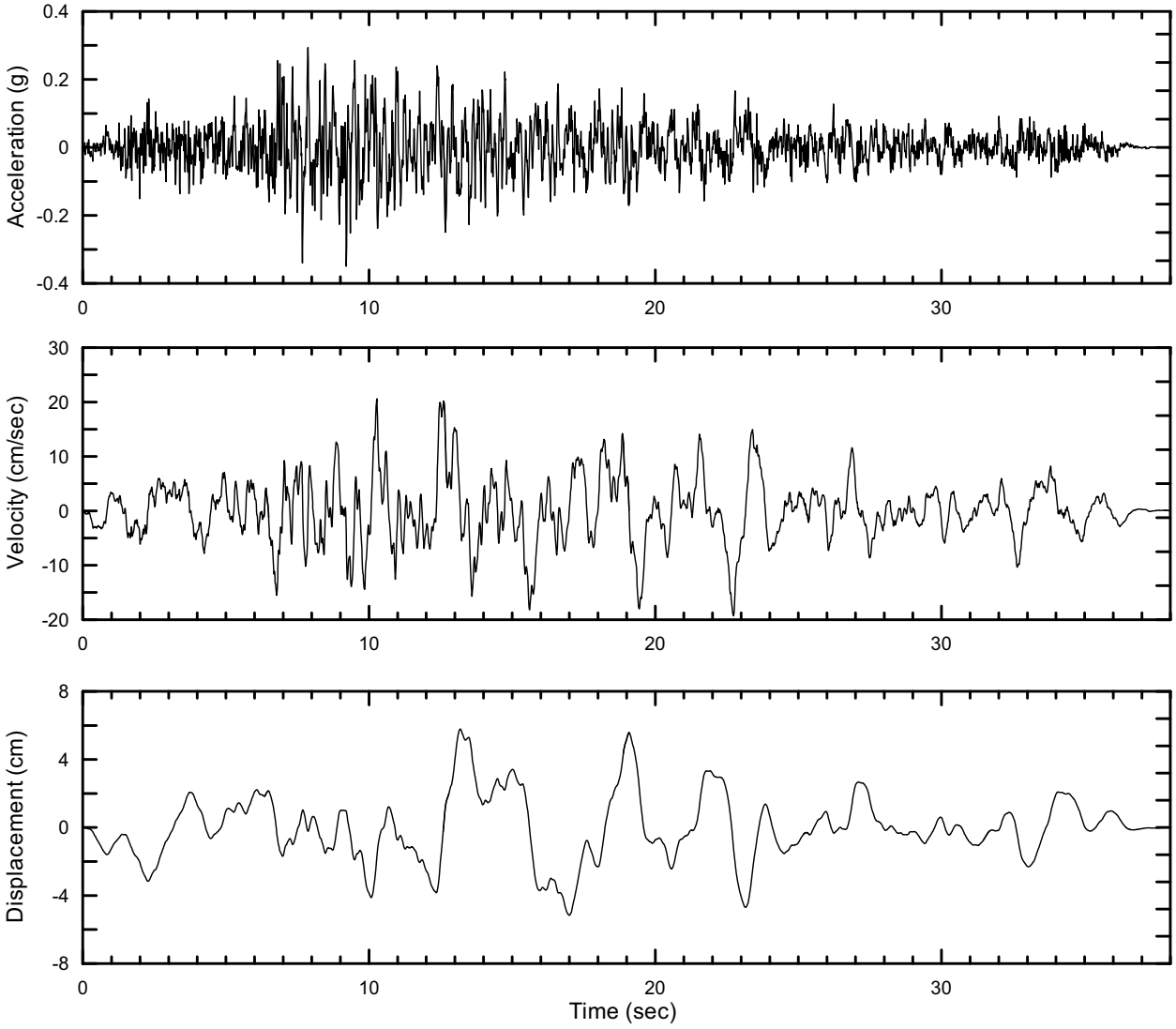
Source: Appendix D, Table D-1

Figure 6.5.2-117. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 2, Set 3



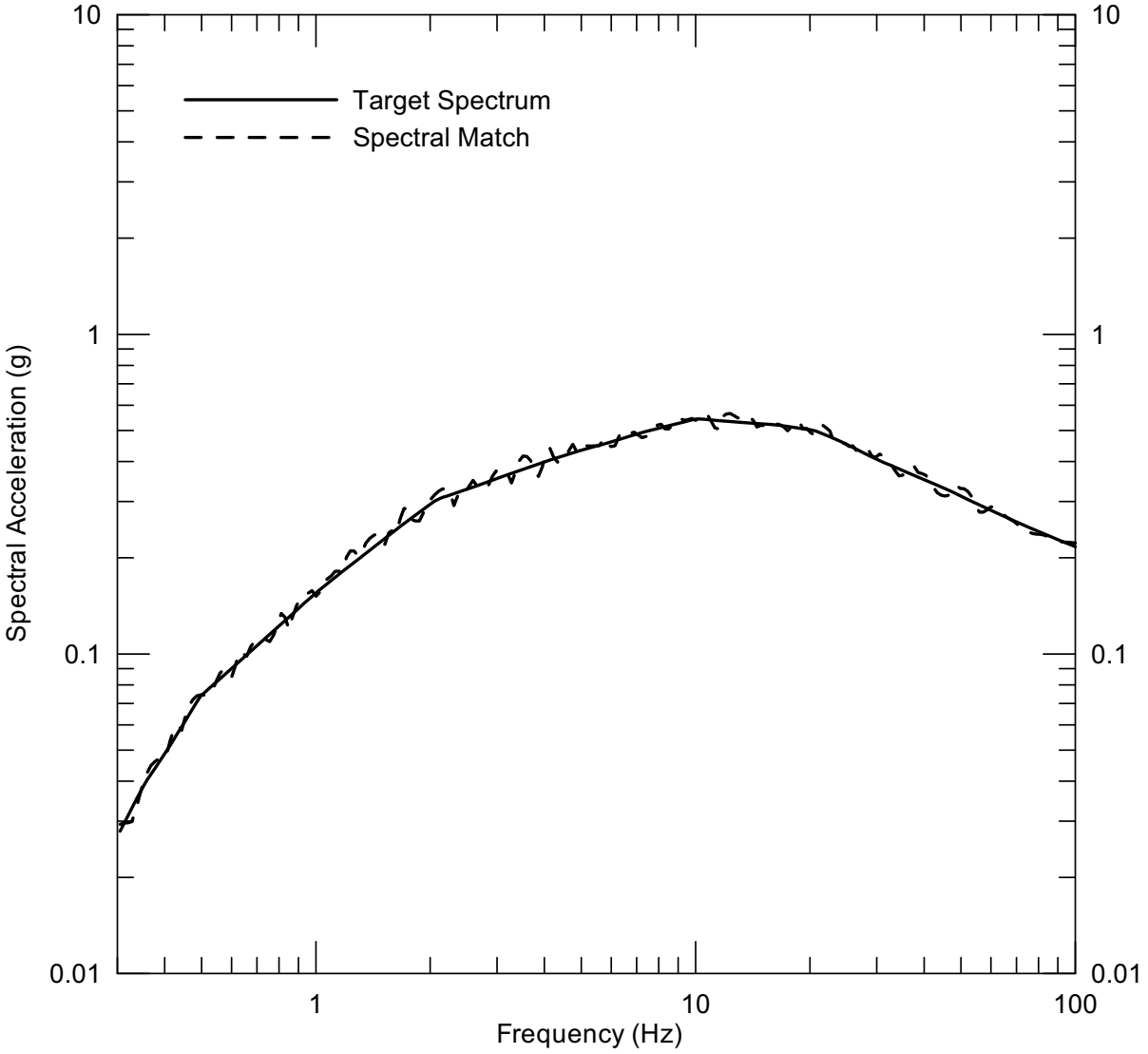
Source: Appendix D, Table D-1

Figure 6.5.2-118. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 2, Set 3



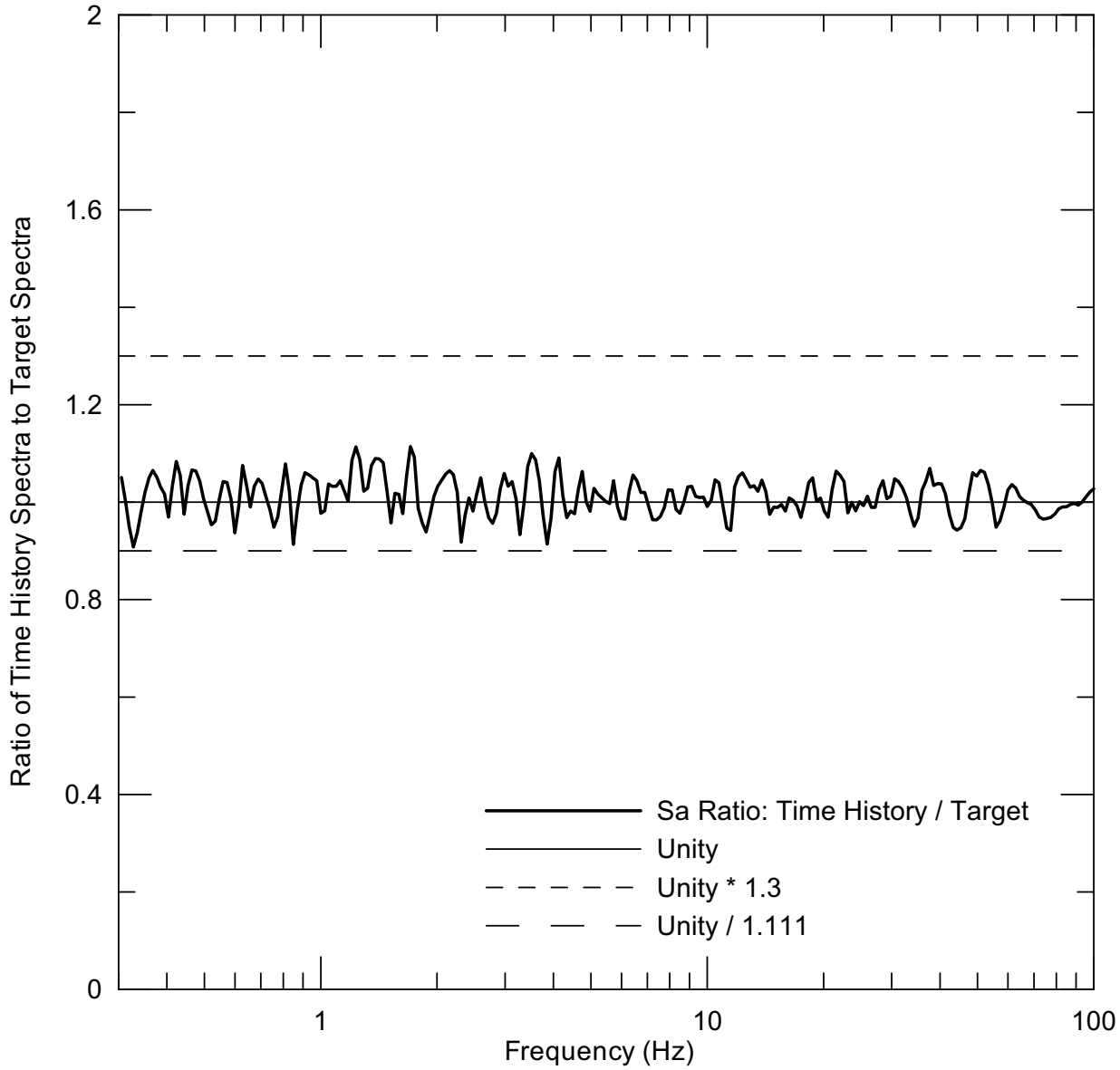
Source: Appendix D, Table D-1

Figure 6.5.2-119. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 2, Set 3



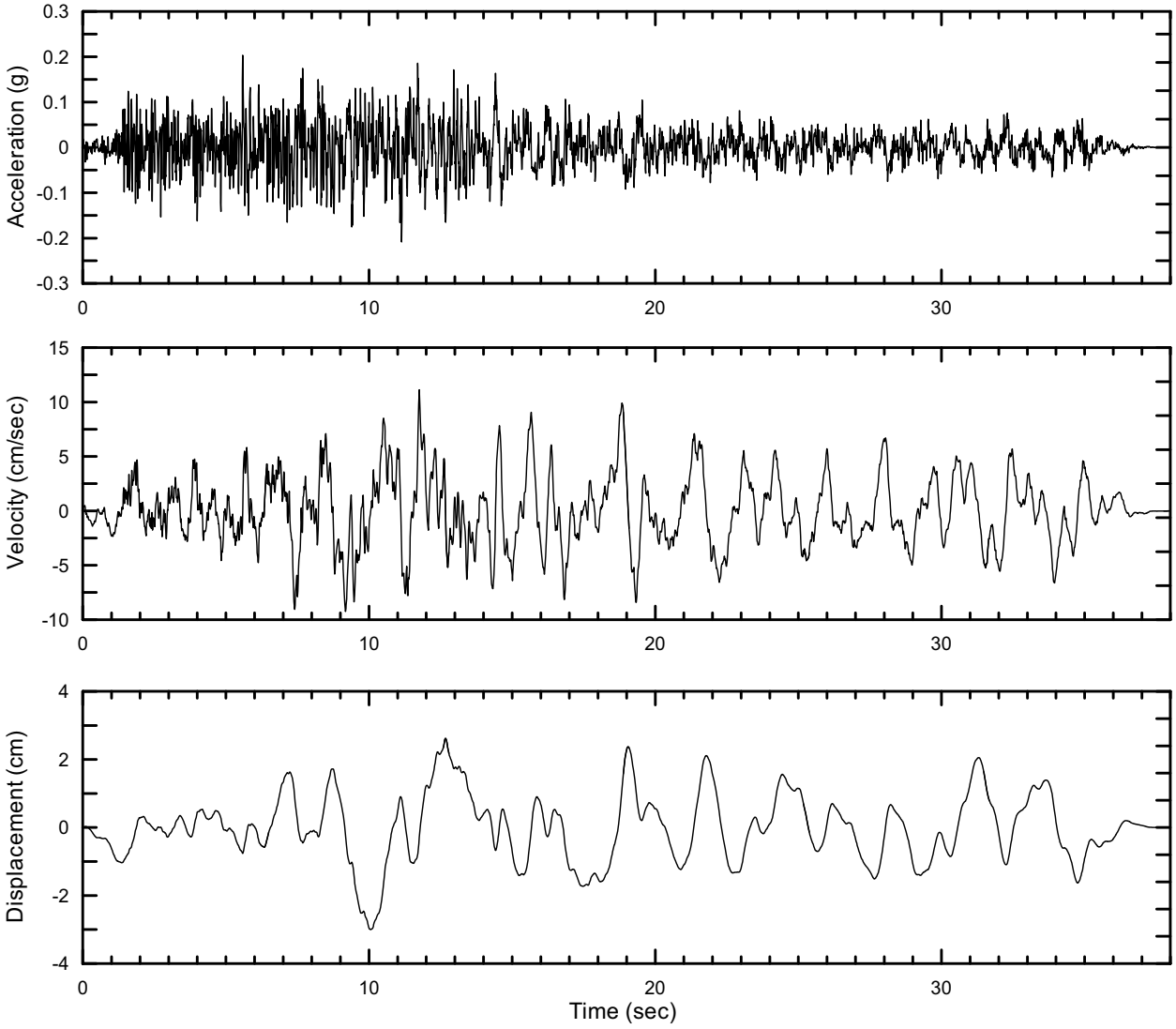
Source: Appendix D, Table D-1

Figure 6.5.2-120. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Vertical, Set 3



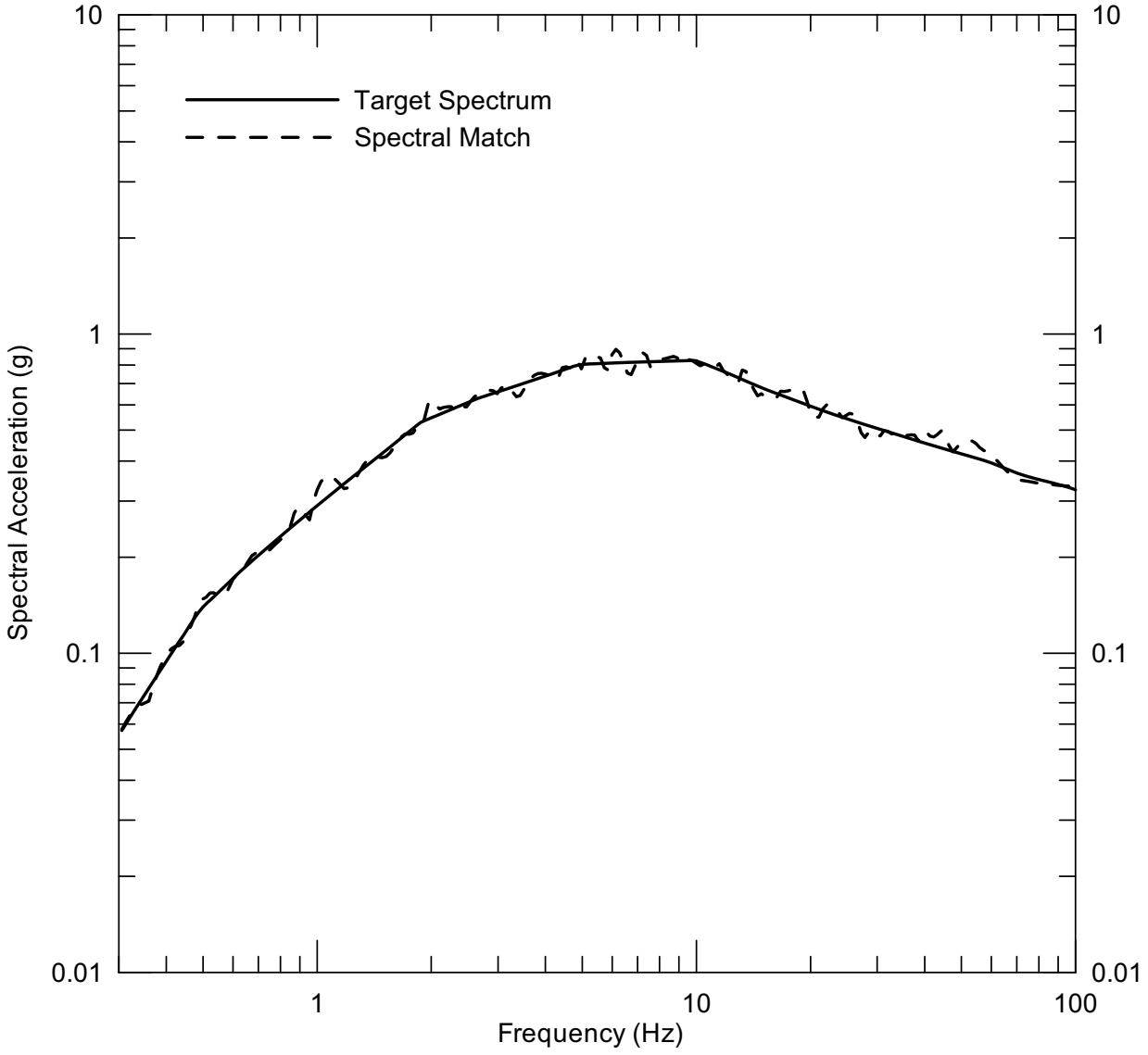
Source: Appendix D, Table D-1

Figure 6.5.2-121. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Vertical, Set 3



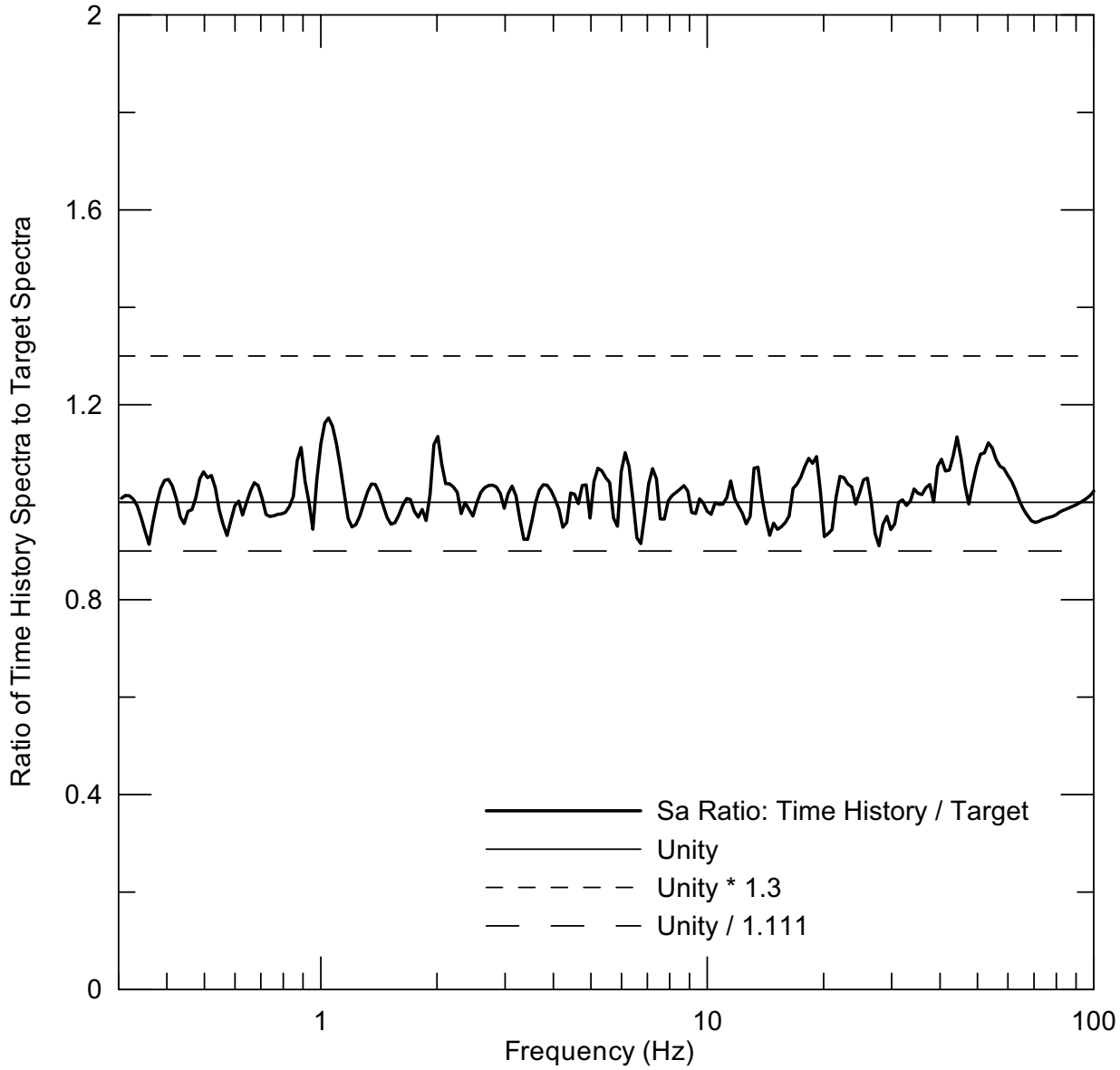
Source: Appendix D, Table D-1

Figure 6.5.2-122. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Vertical, Set 3



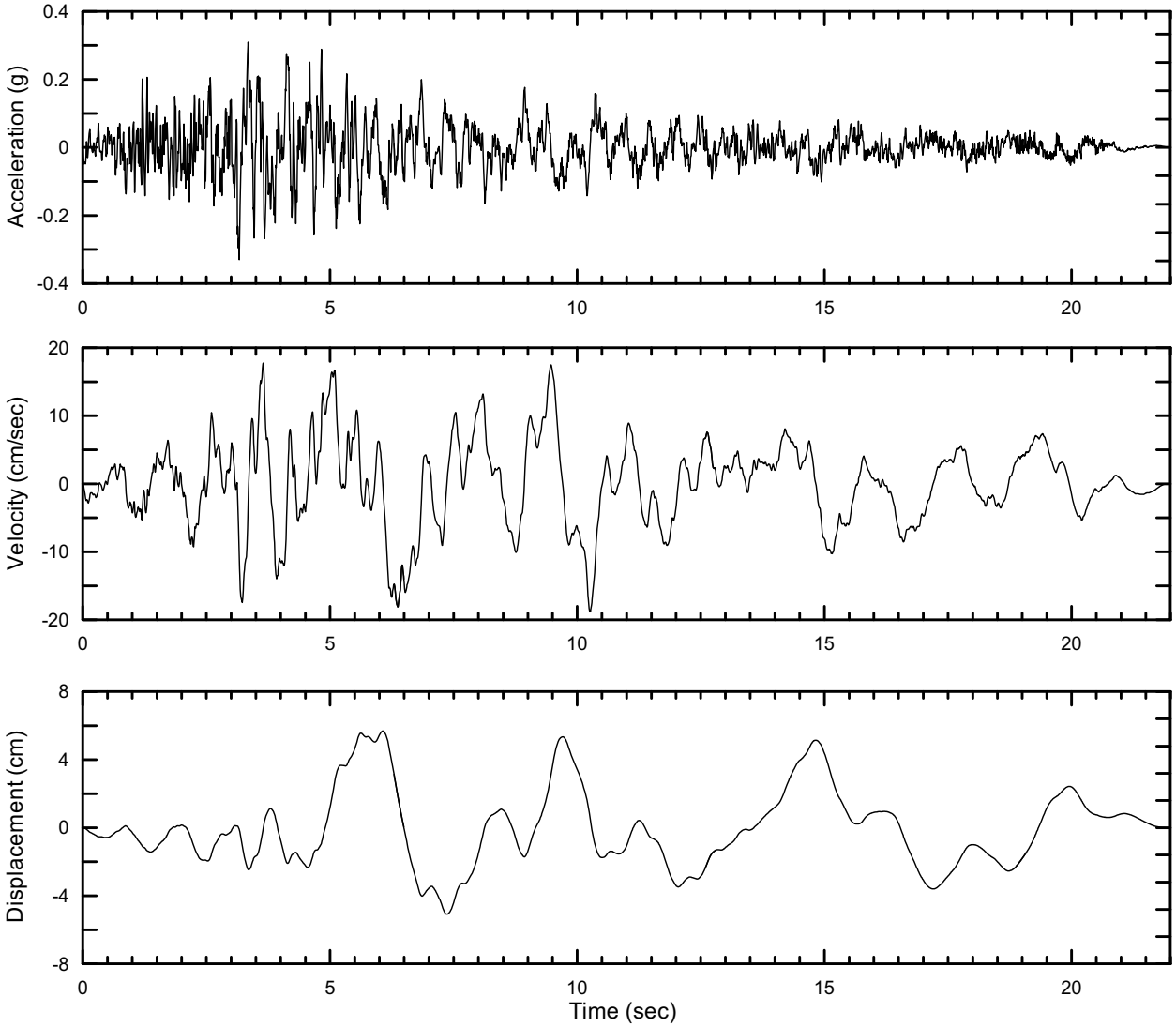
Source: Appendix D, Table D-1

Figure 6.5.2-123. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 1, Set 4



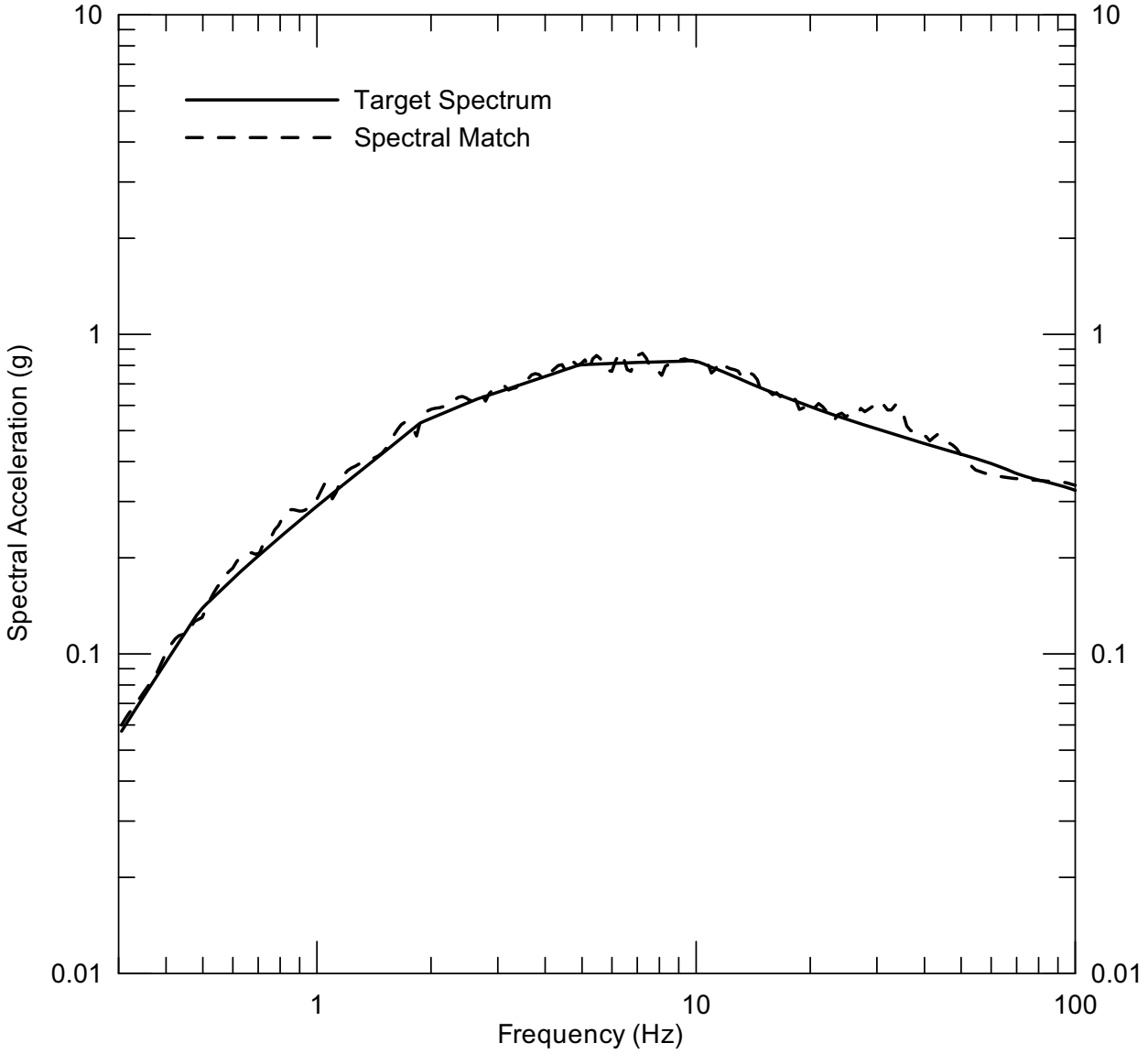
Source: Appendix D, Table D-1

Figure 6.5.2-124. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 1, Set 4



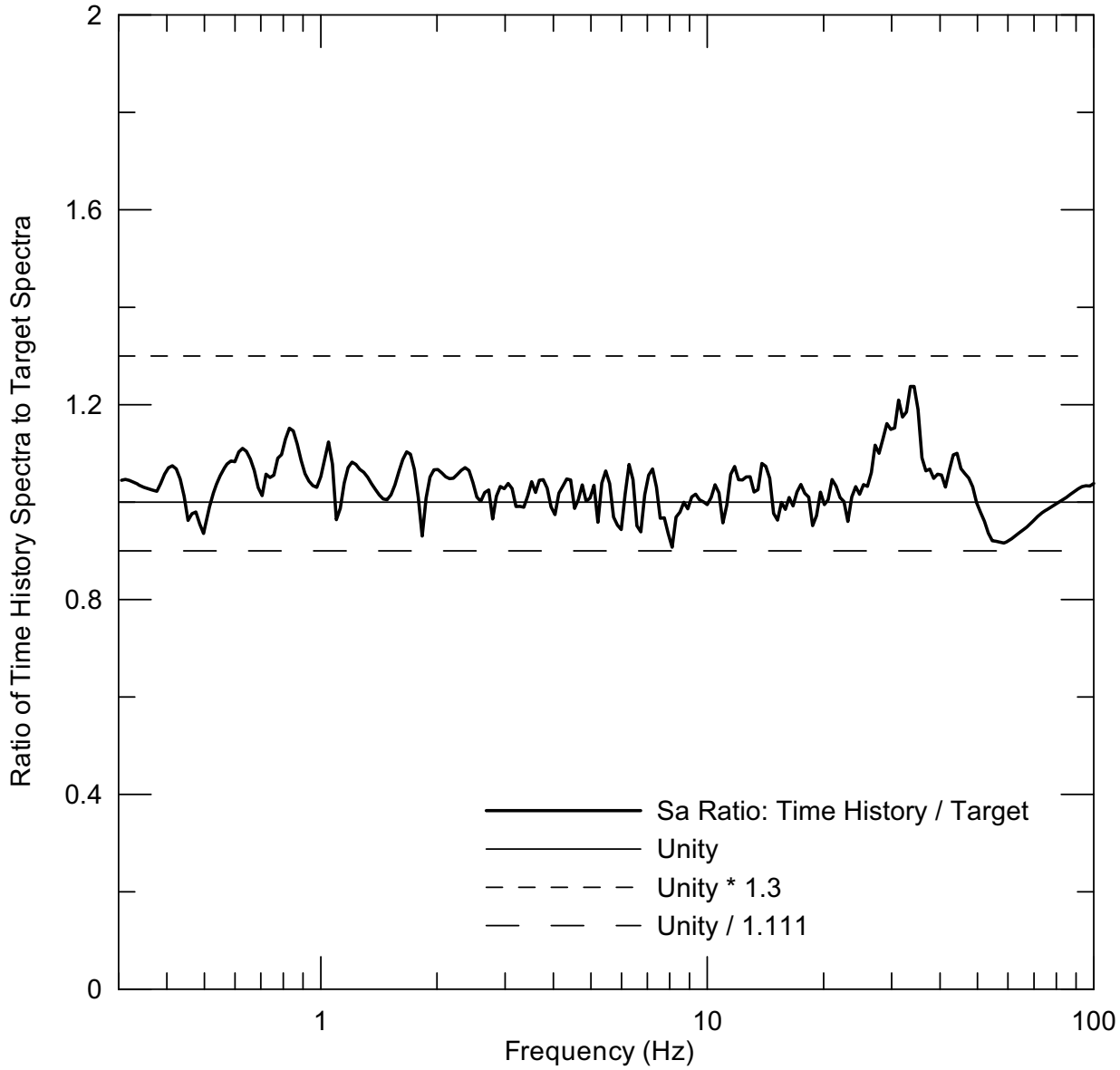
Source: Appendix D, Table D-1

Figure 6.5.2-125. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 1, Set 4



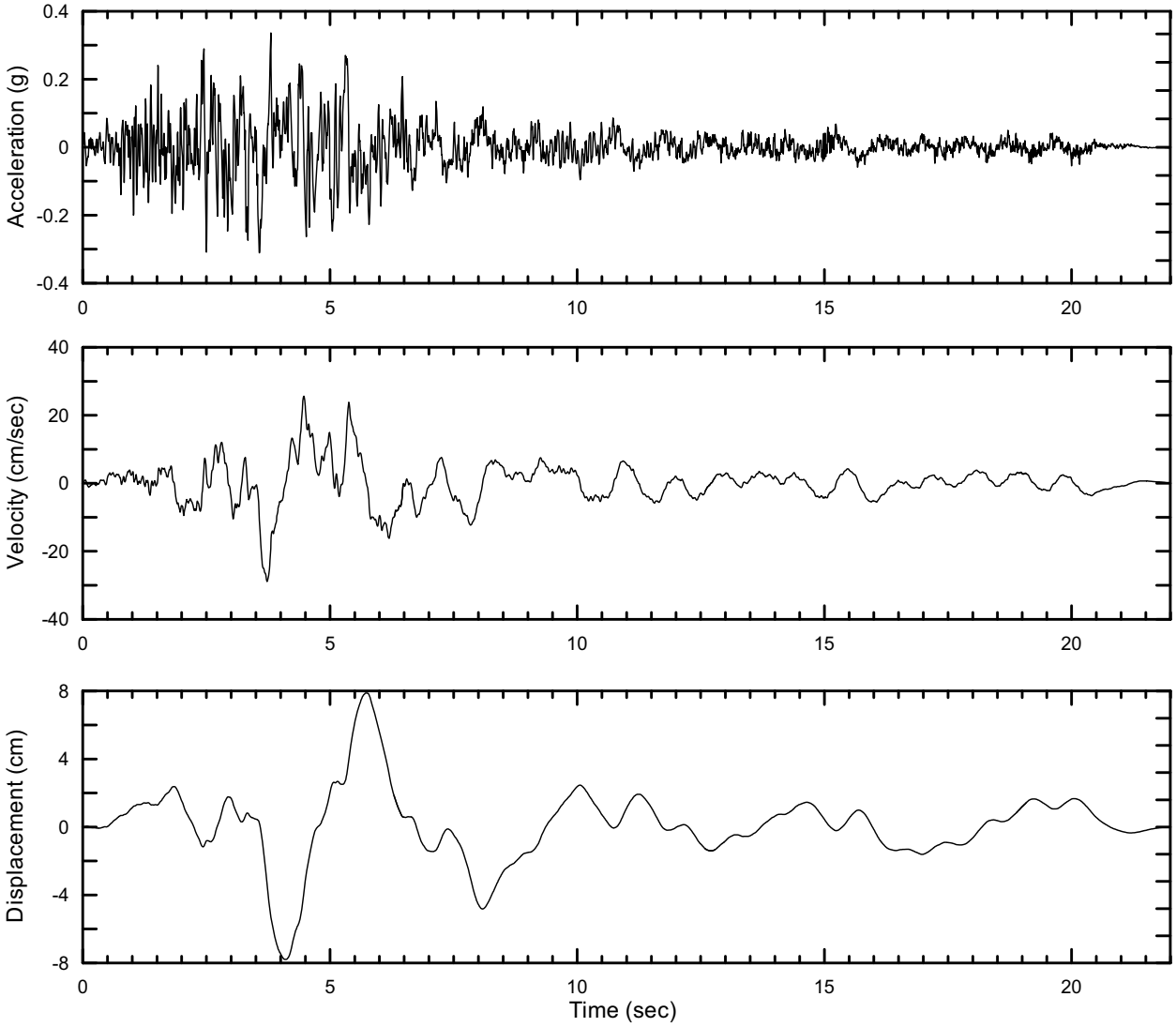
Source: Appendix D, Table D-1

Figure 6.5.2-126. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 2, Set 4



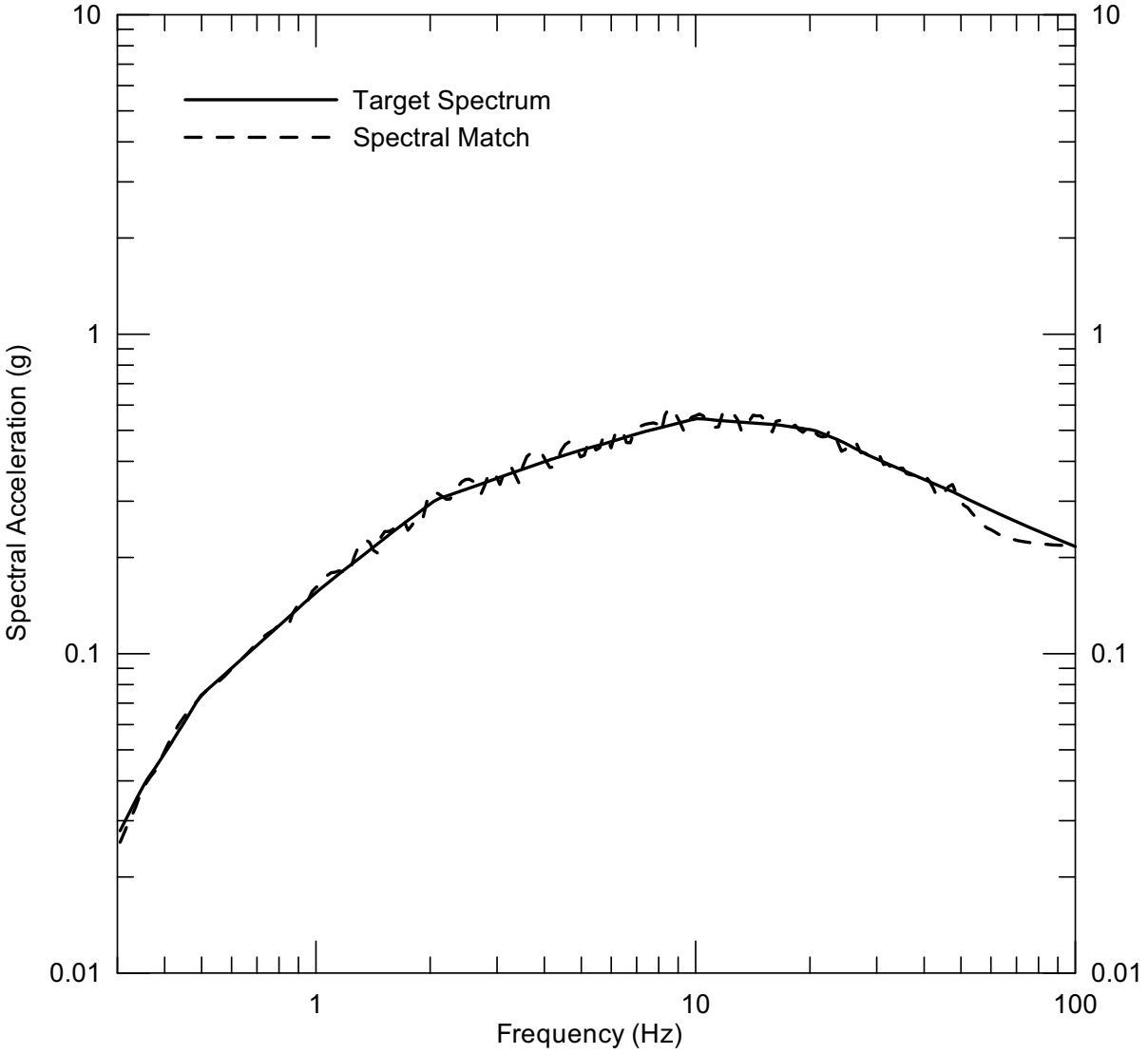
Source: Appendix D, Table D-1

Figure 6.5.2-127. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 2, Set 4



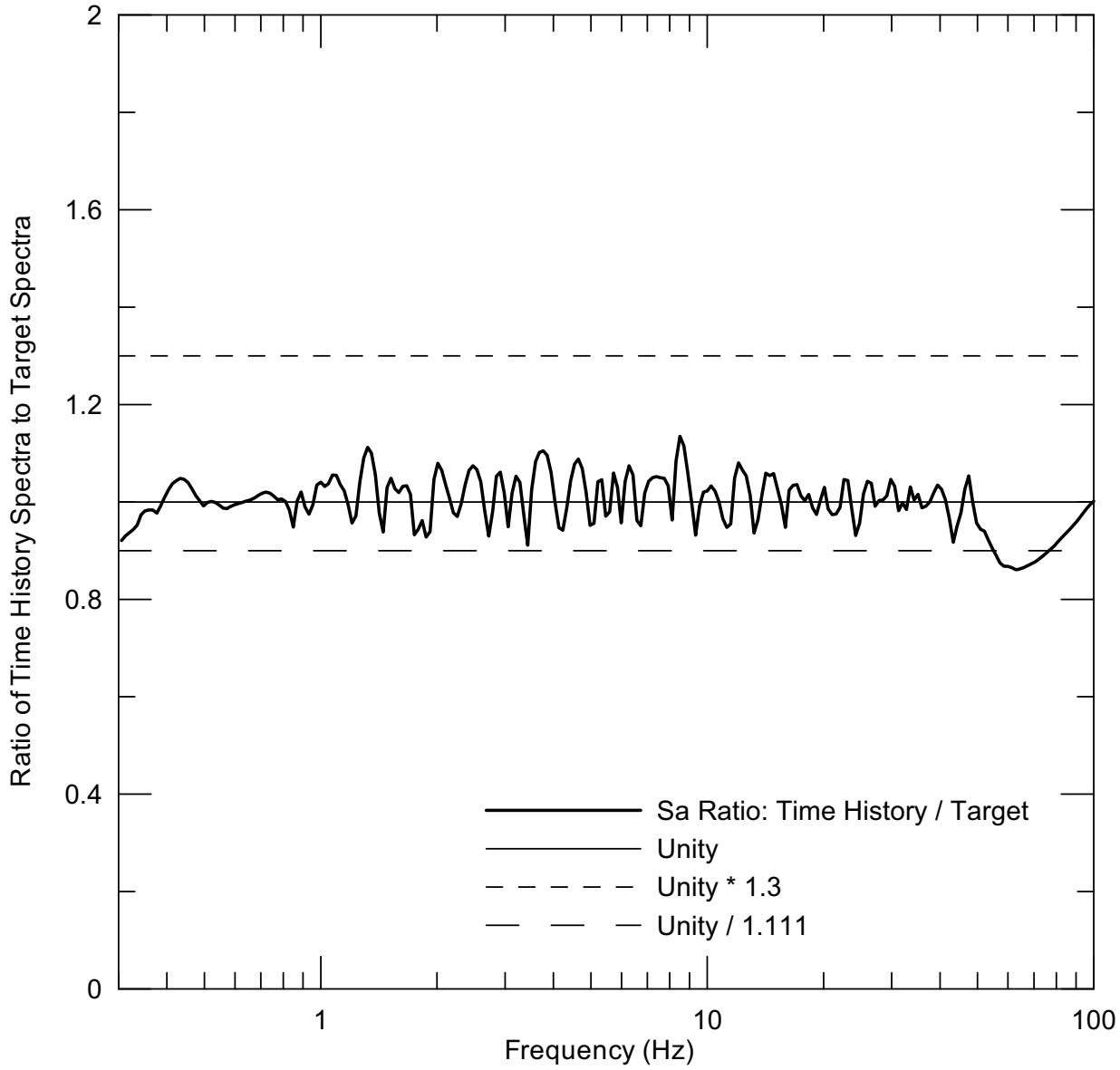
Source: Appendix D, Table D-1

Figure 6.5.2-128. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 2, Set 4



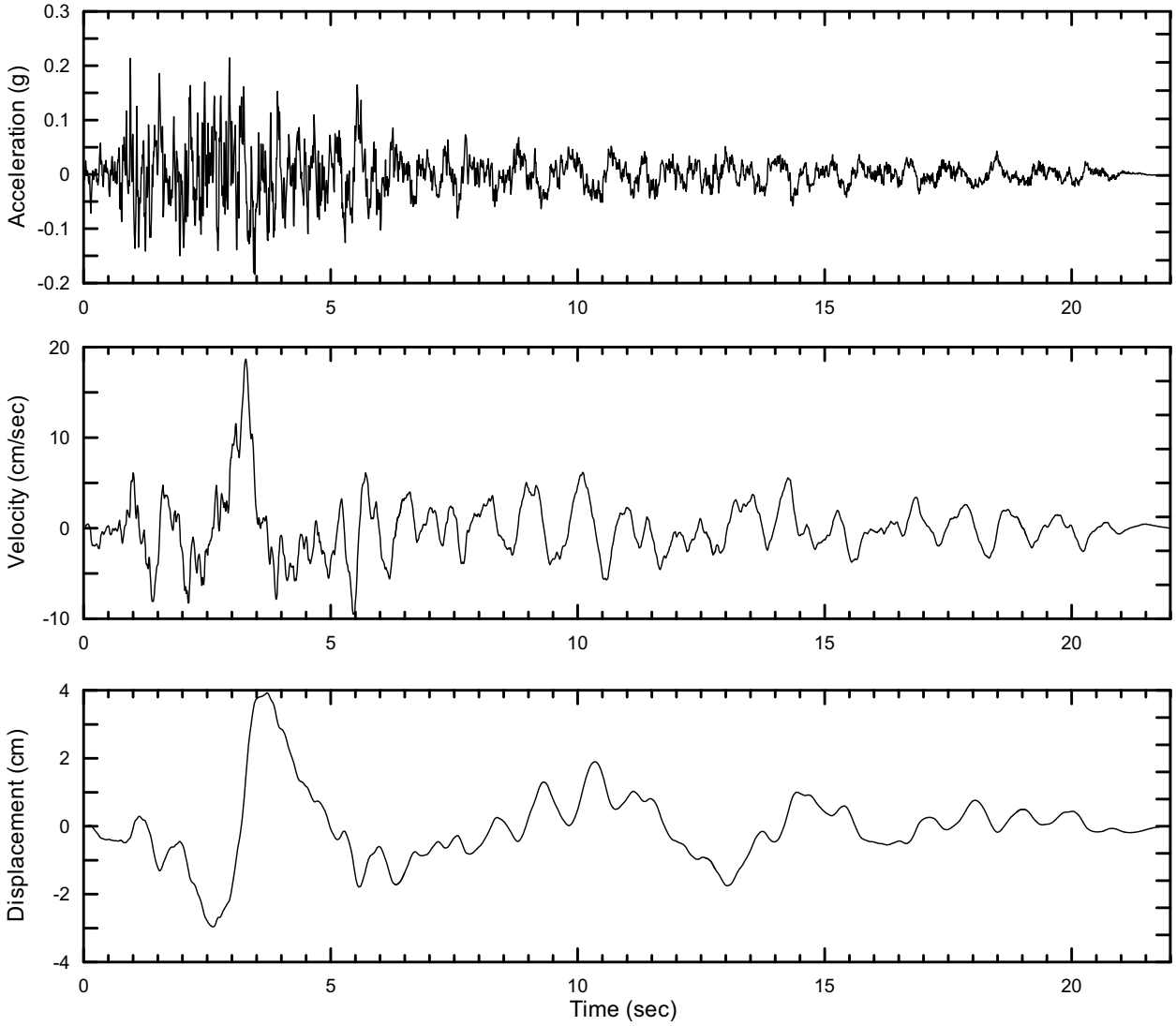
Source: Appendix D, Table D-1

Figure 6.5.2-129. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Vertical, Set 4



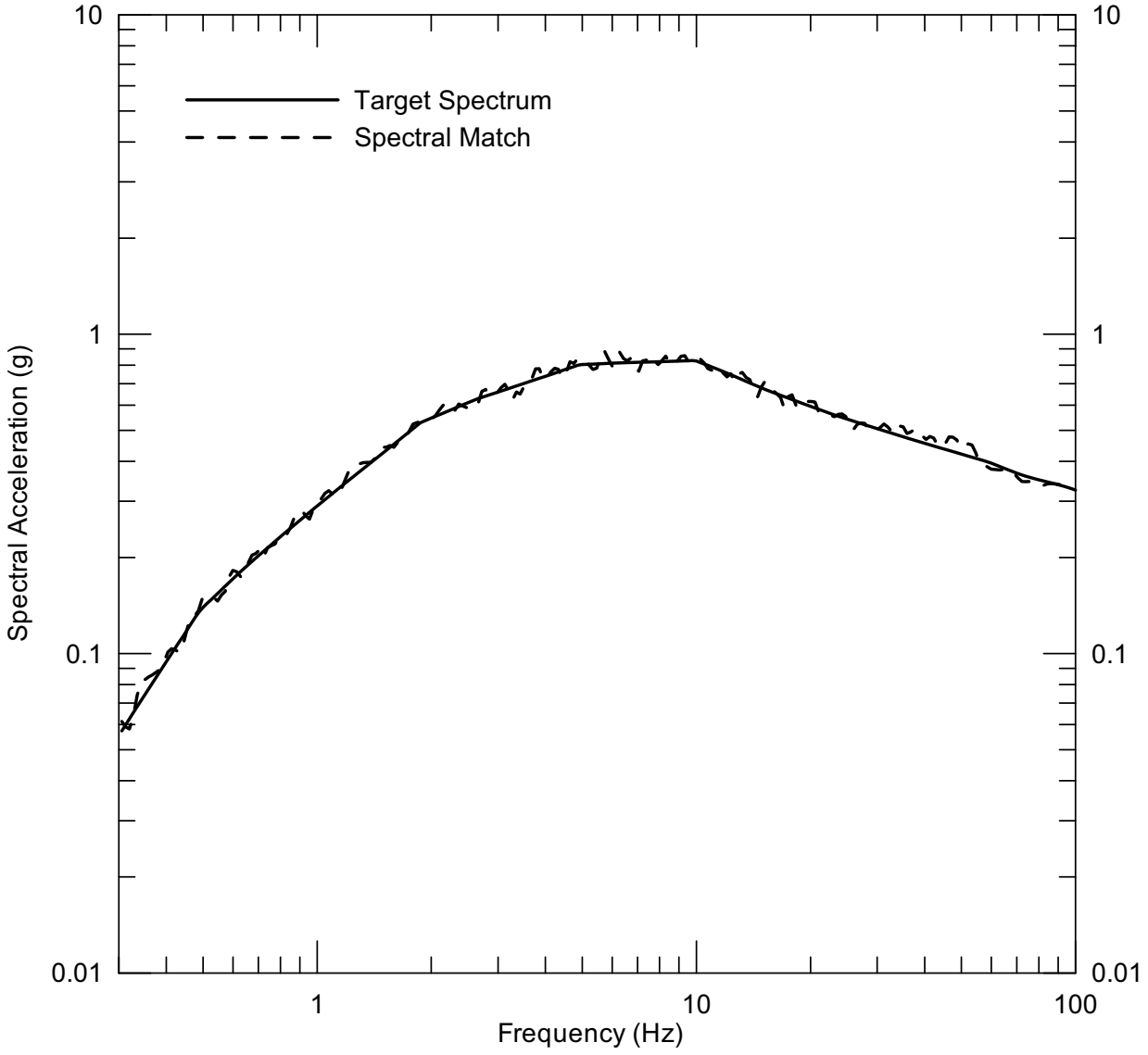
Source: Appendix D, Table D-1

Figure 6.5.2-130. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Vertical, Set 4



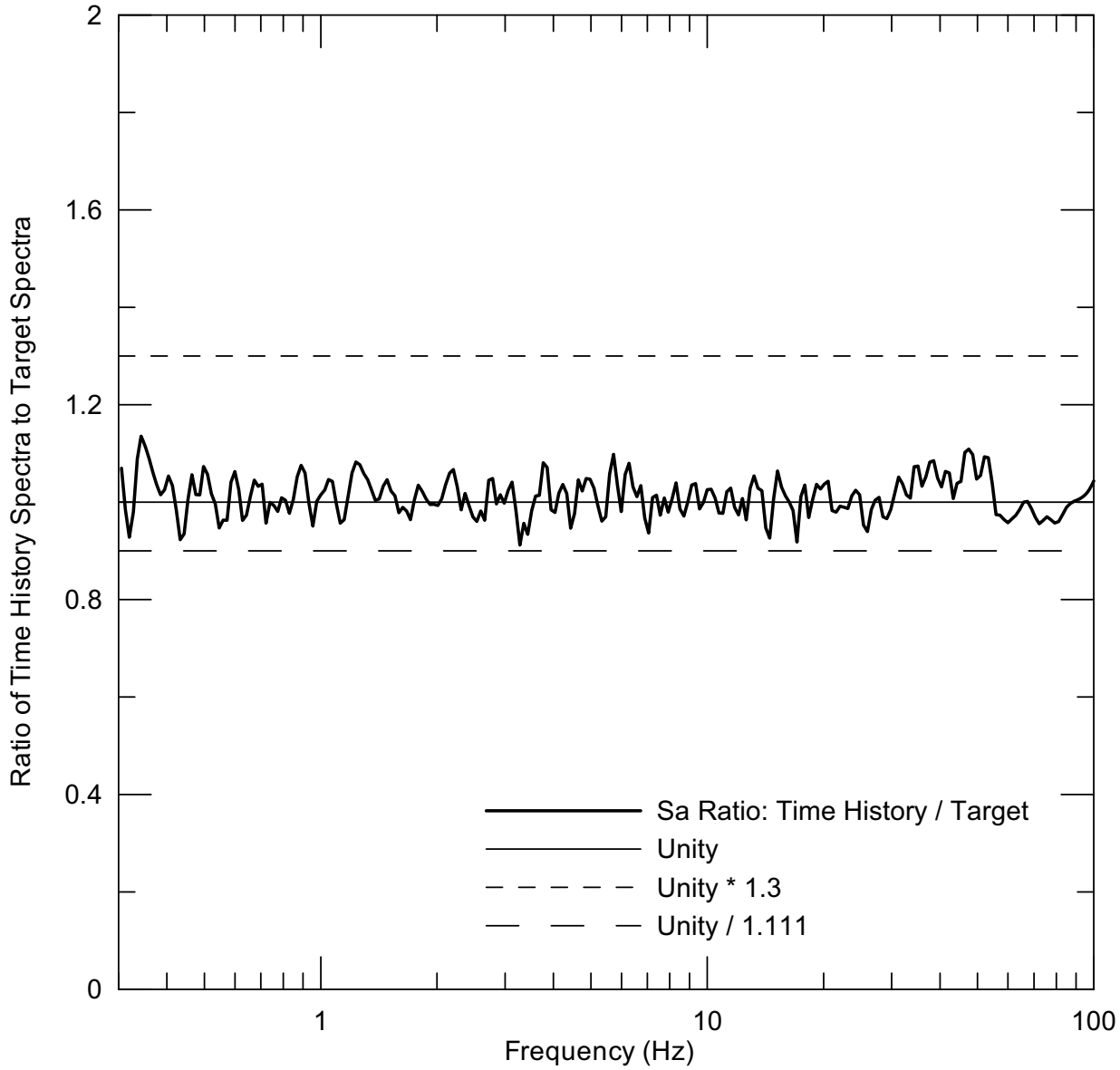
Source: Appendix D, Table D-1

Figure 6.5.2-131. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Vertical, Set 4



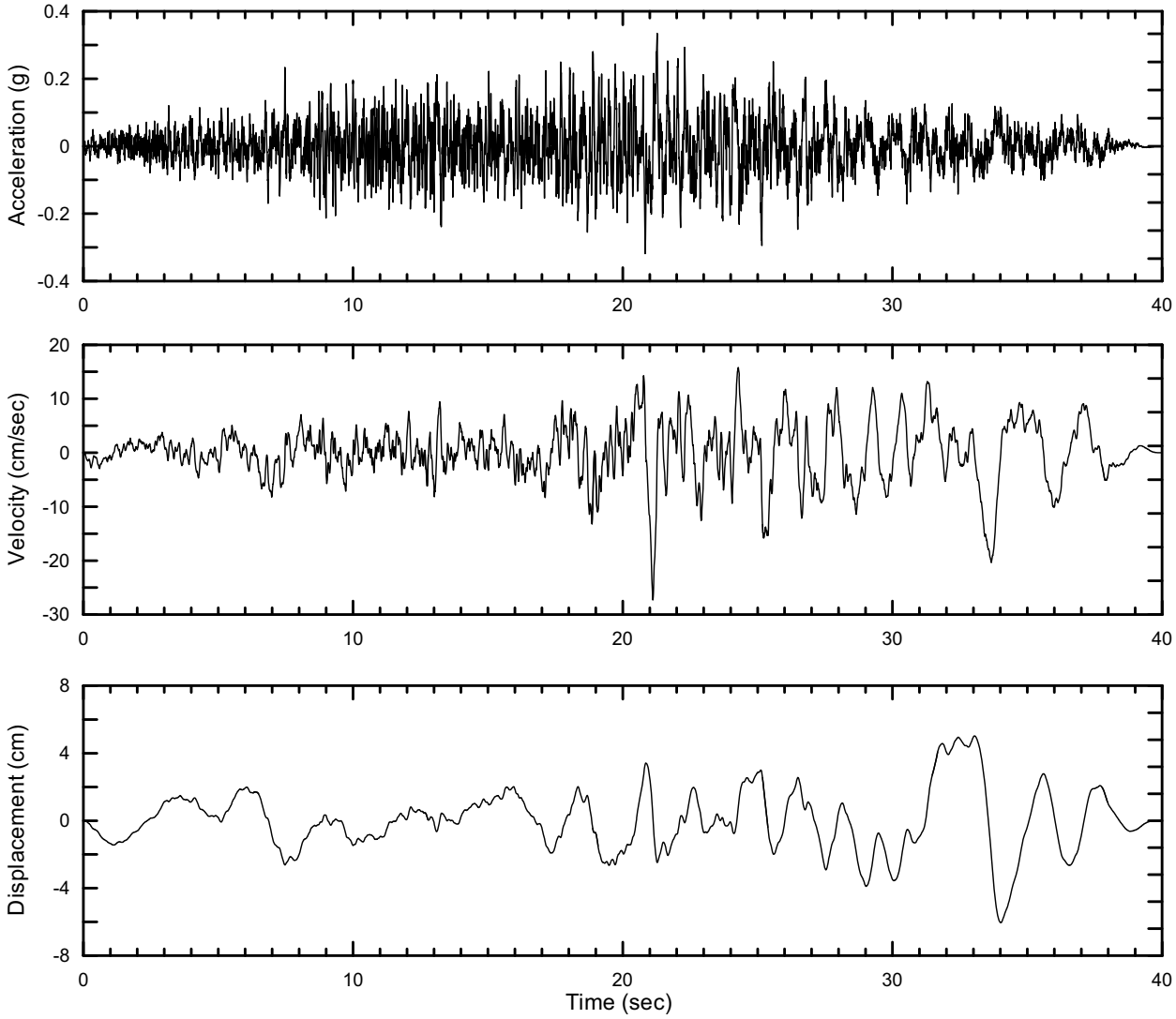
Source: Appendix D, Table D-1

Figure 6.5.2-132. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 1, Set 5



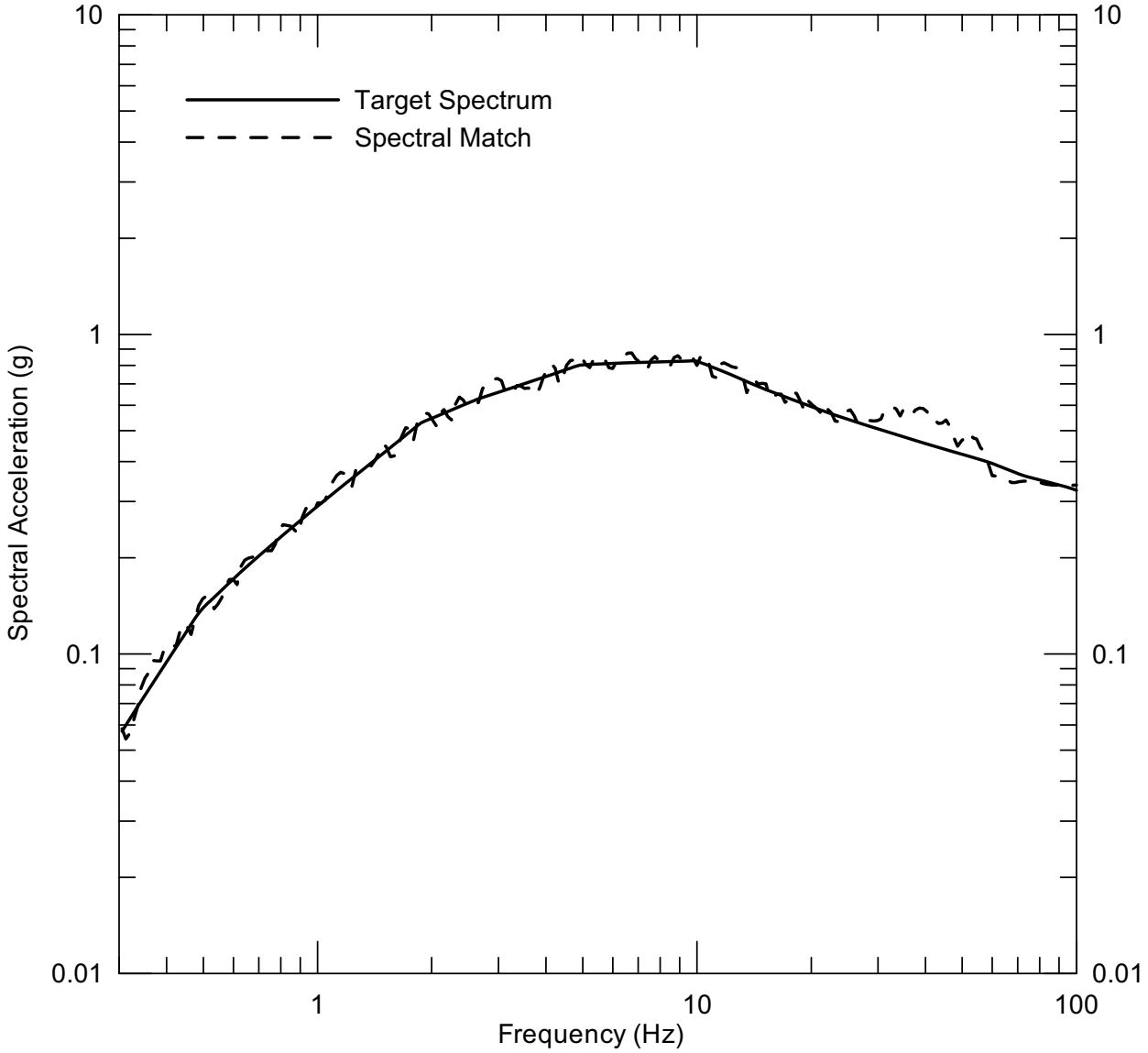
Source: Appendix D, Table D-1

Figure 6.5.2-133. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 1, Set 5



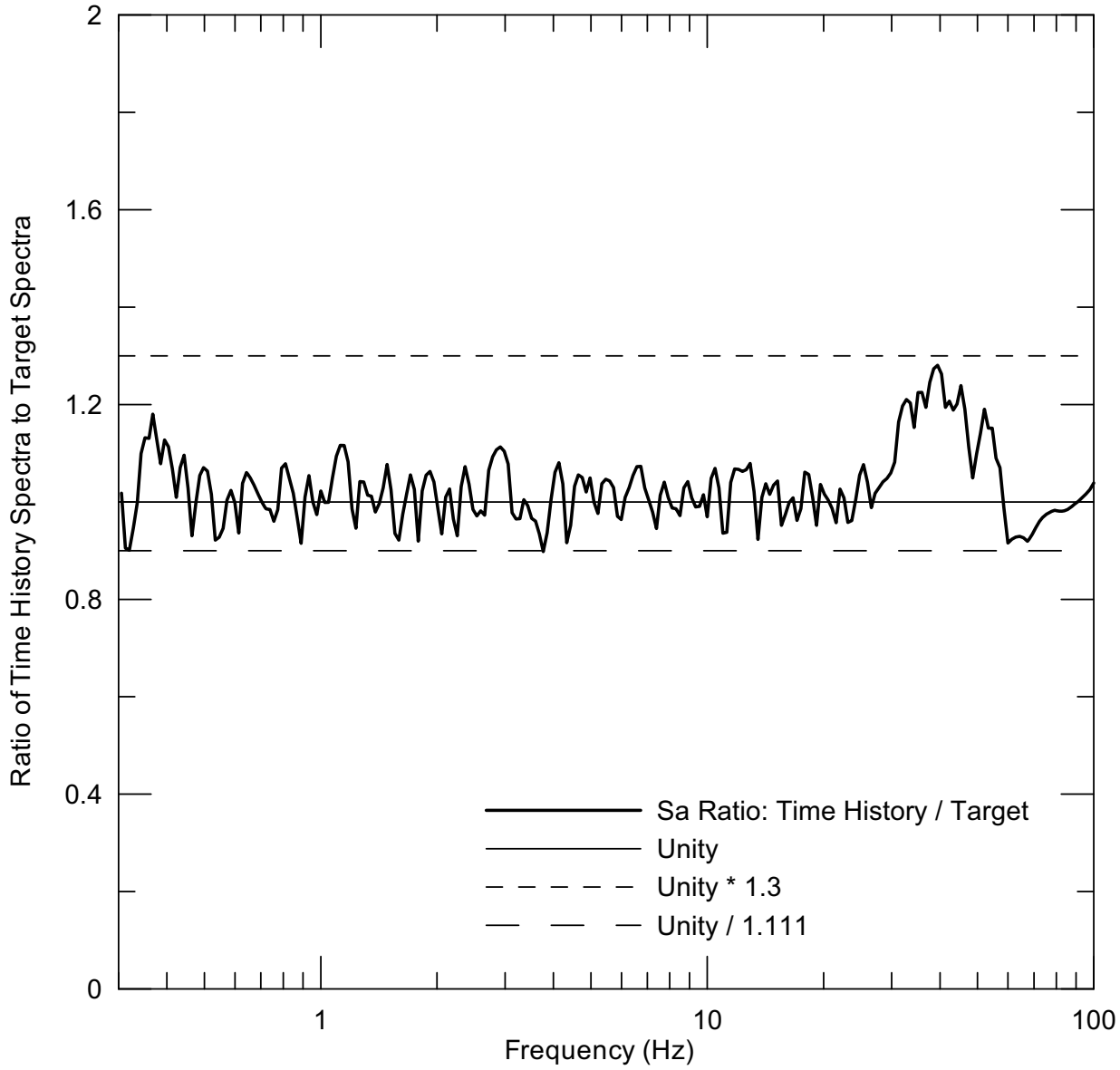
Source: Appendix D, Table D-1

Figure 6.5.2-134. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 1, Set 5



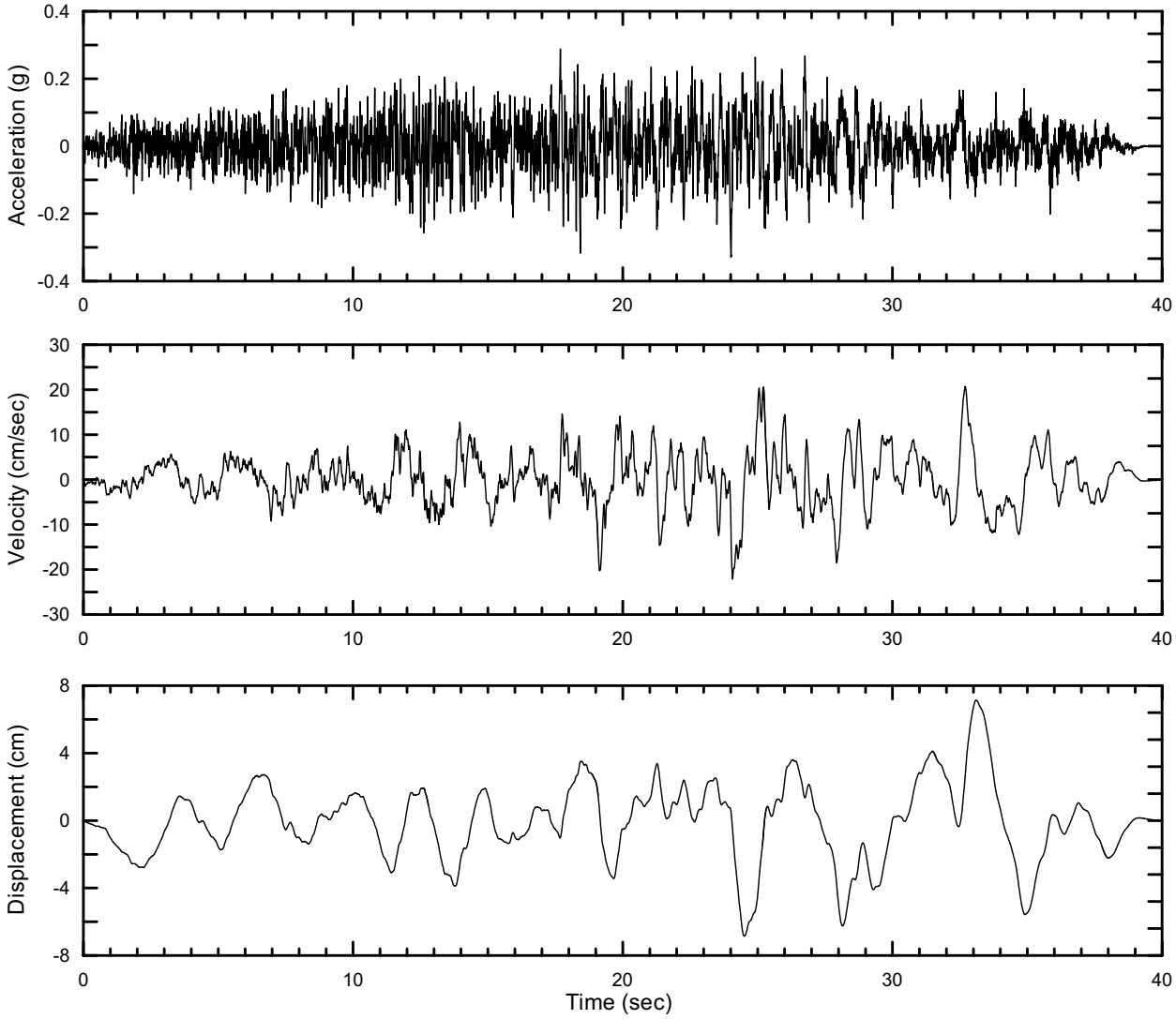
Source: Appendix D, Table D-1

Figure 6.5.2-135. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Horizontal 2, Set 5



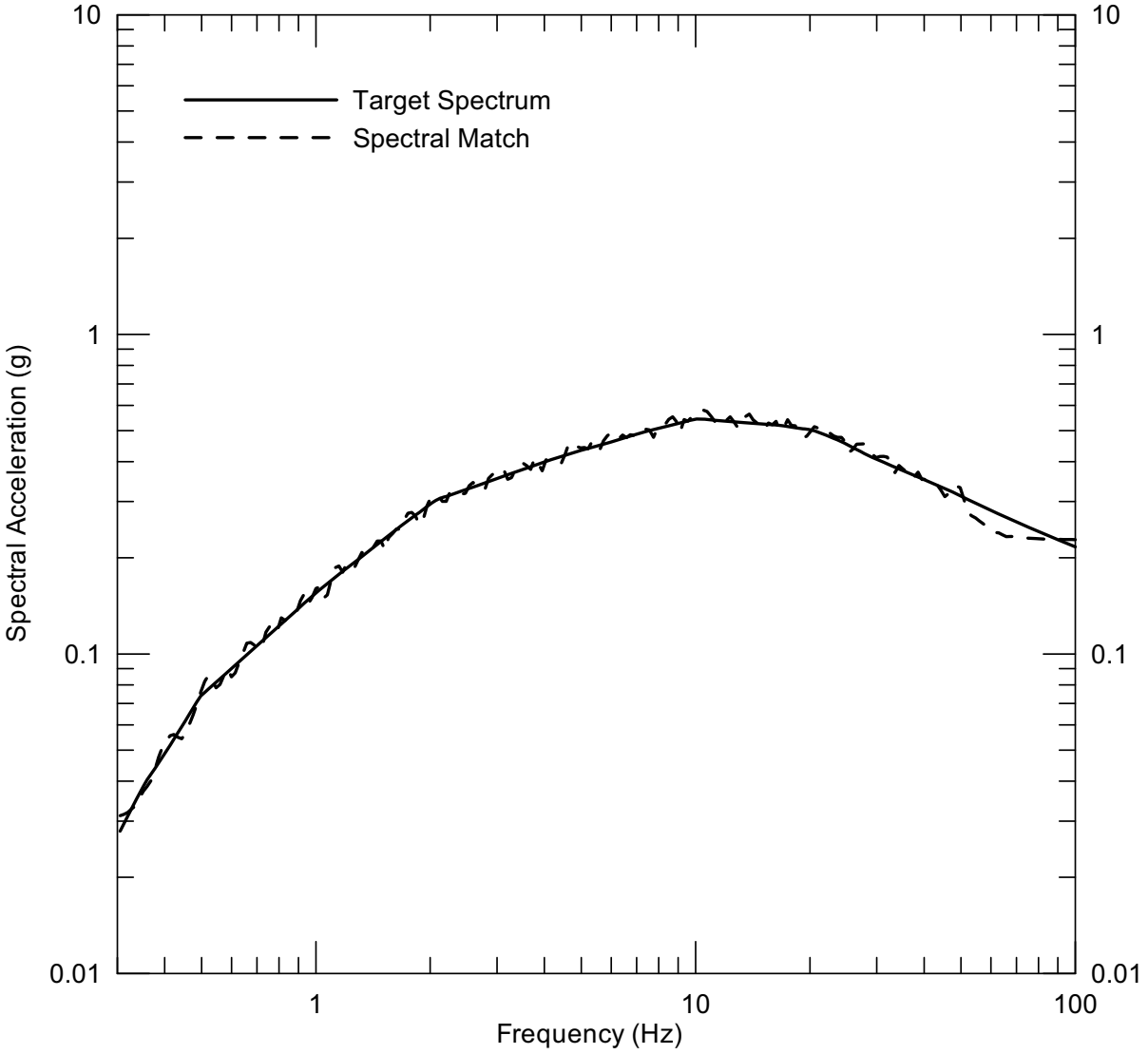
Source: Appendix D, Table D-1

Figure 6.5.2-136. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Horizontal 2, Set 5



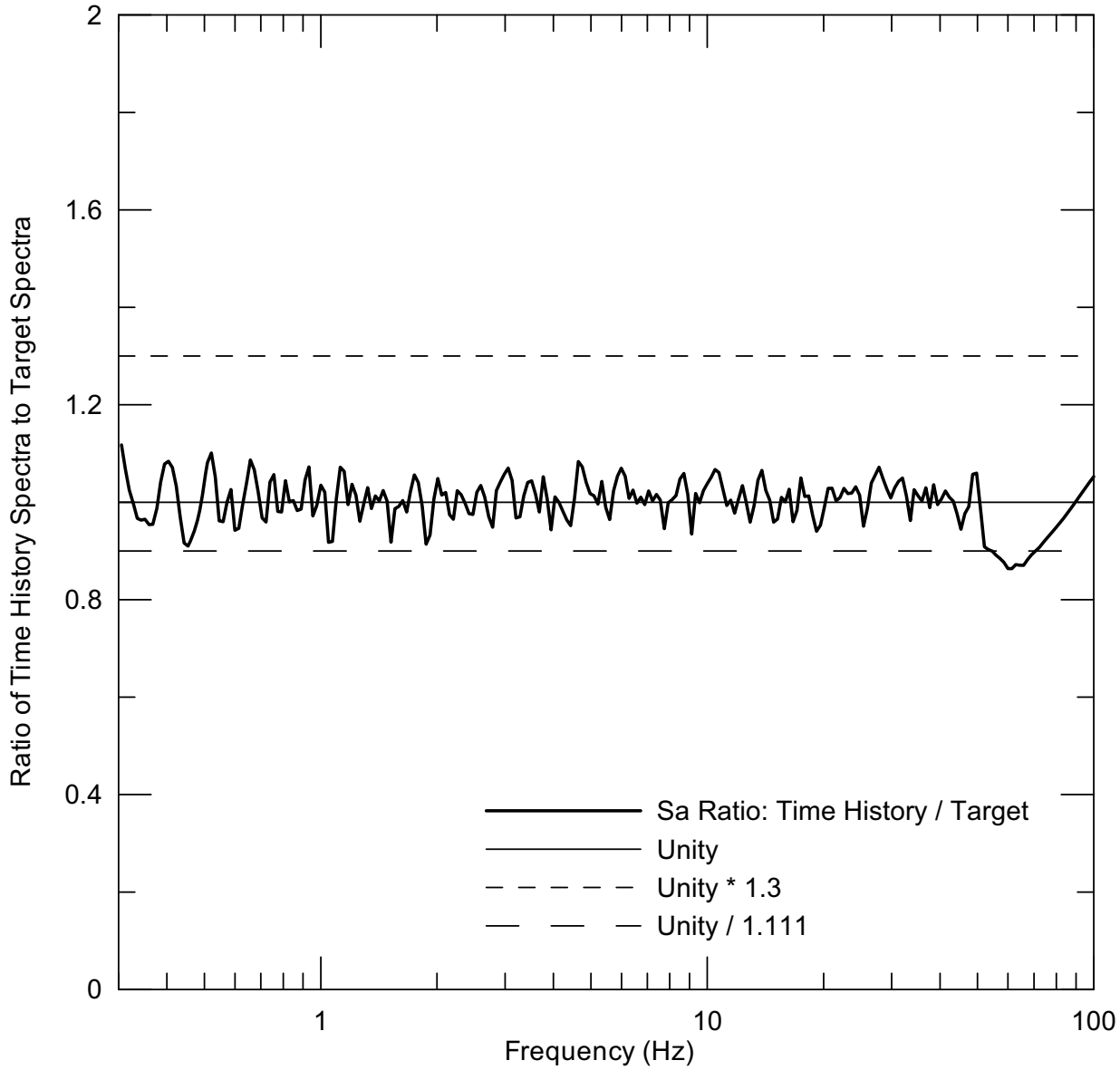
Source: Appendix D, Table D-1

Figure 6.5.2-137. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Horizontal 2, Set 5



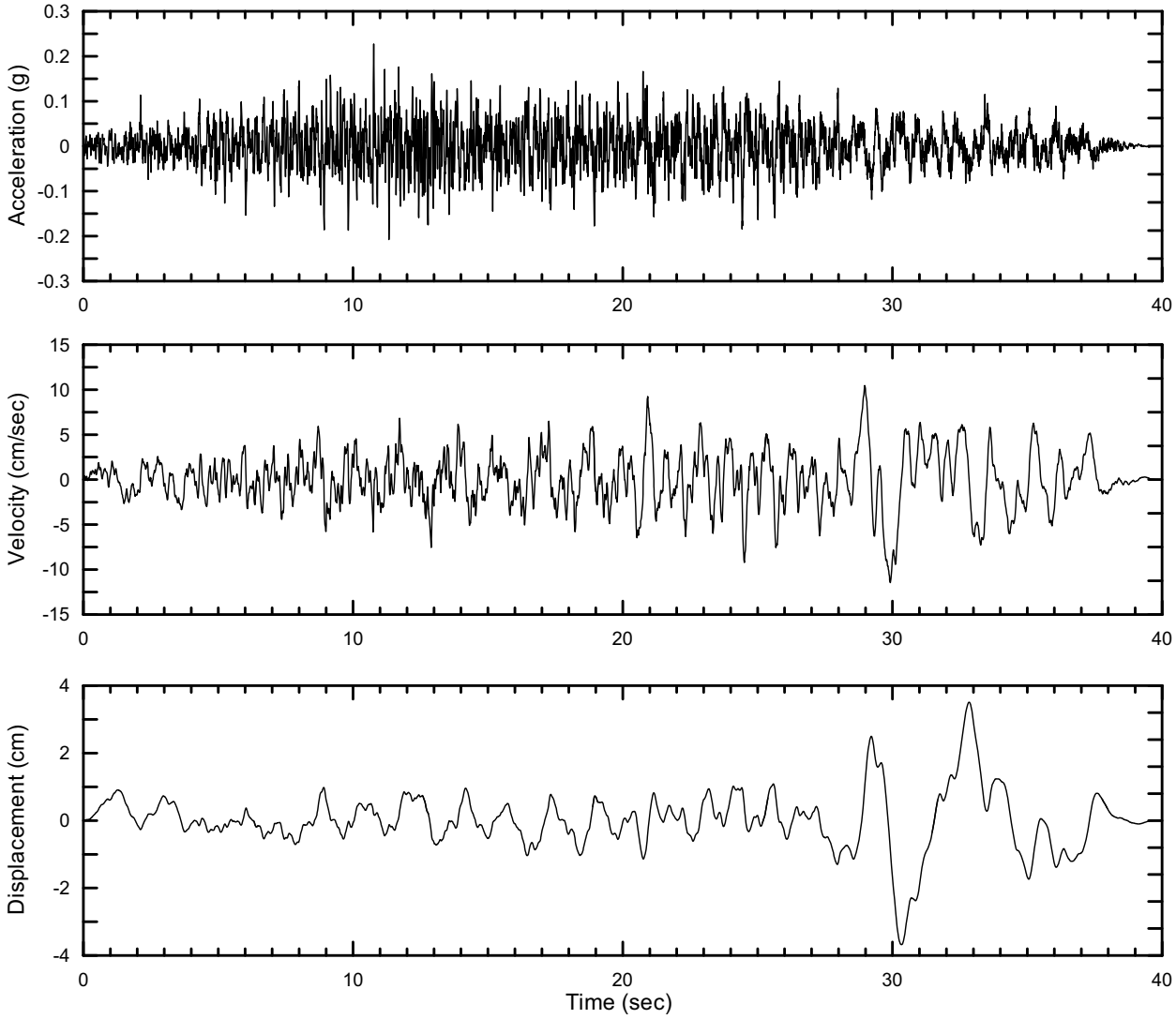
Source: Appendix D, Table D-1

Figure 6.5.2-138. Spectral Match to SFA Design Spectrum at 10^{-3} AFE, Vertical, Set 5



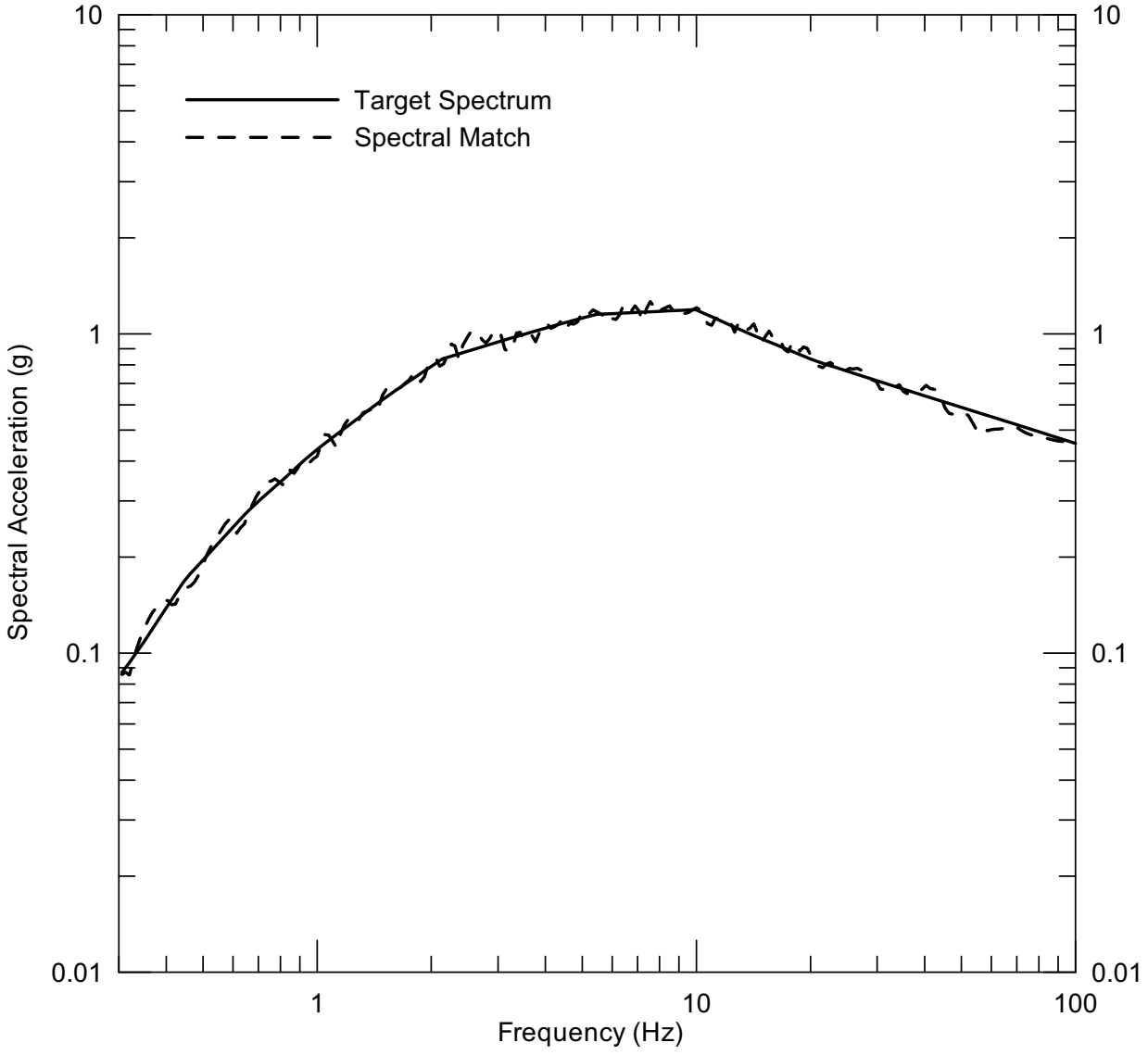
Source: Appendix D, Table D-1

Figure 6.5.2-139. Ratio of SFA Design Spectrum to Spectral Match at 10^{-3} AFE, Vertical, Set 5



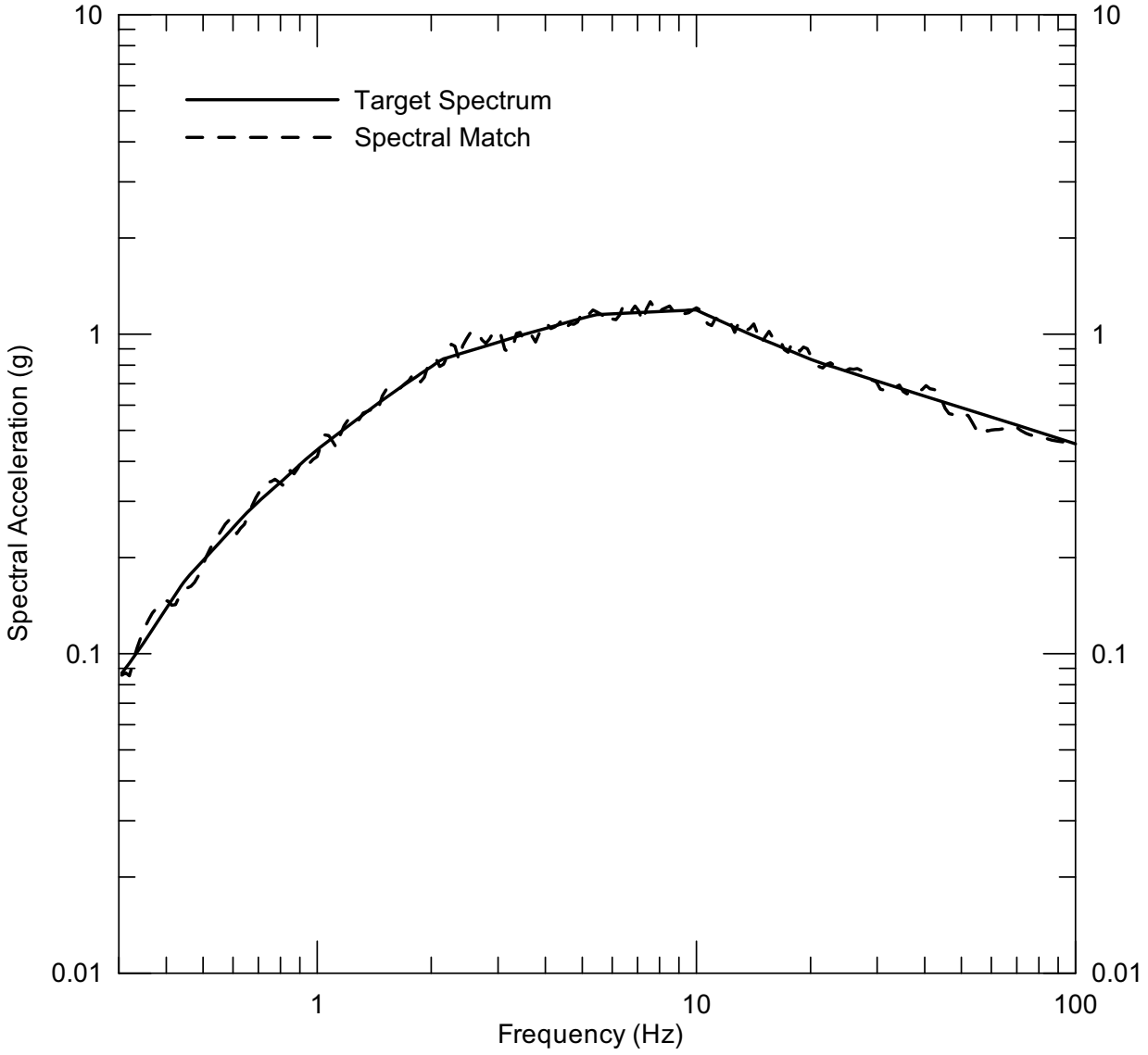
Source: Appendix D, Table D-1

Figure 6.5.2-140. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-3} AFE, Vertical, Set 5



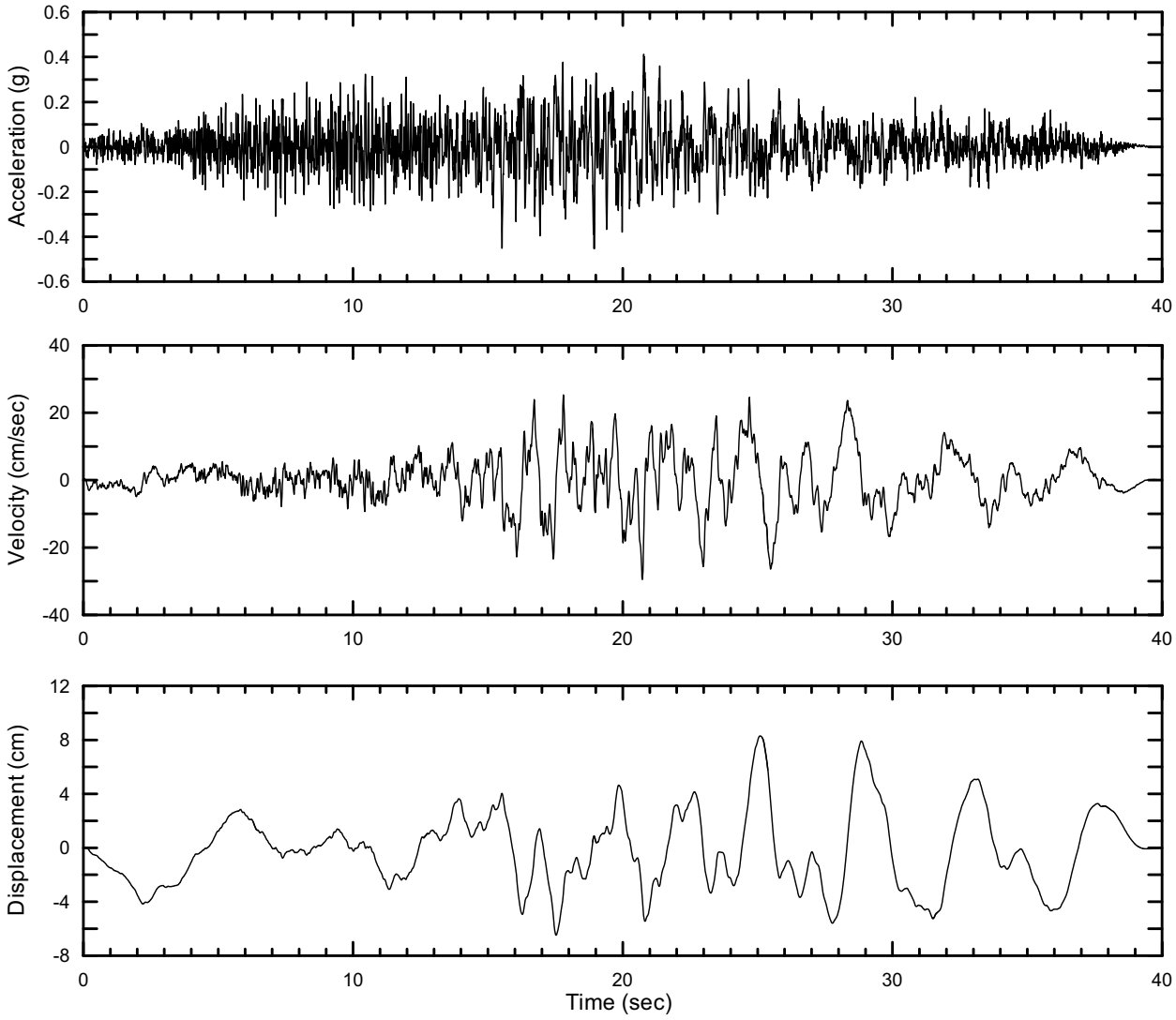
Source: Appendix D, Table D-1

Figure 6.5.2-141. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 1, Set 1



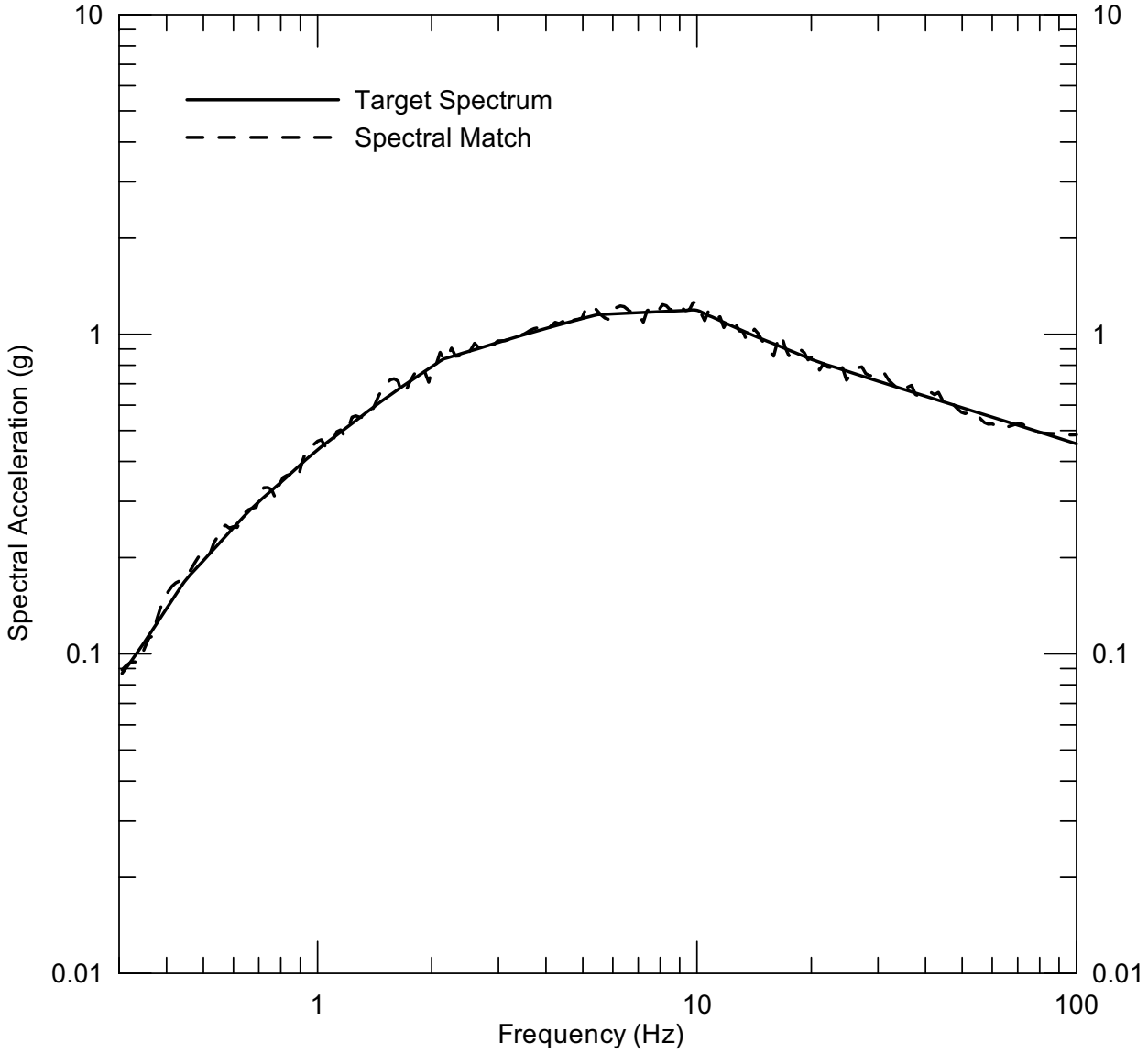
Source: Appendix D, Table D-1

Figure 6.5.2-142. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 1, Set 1



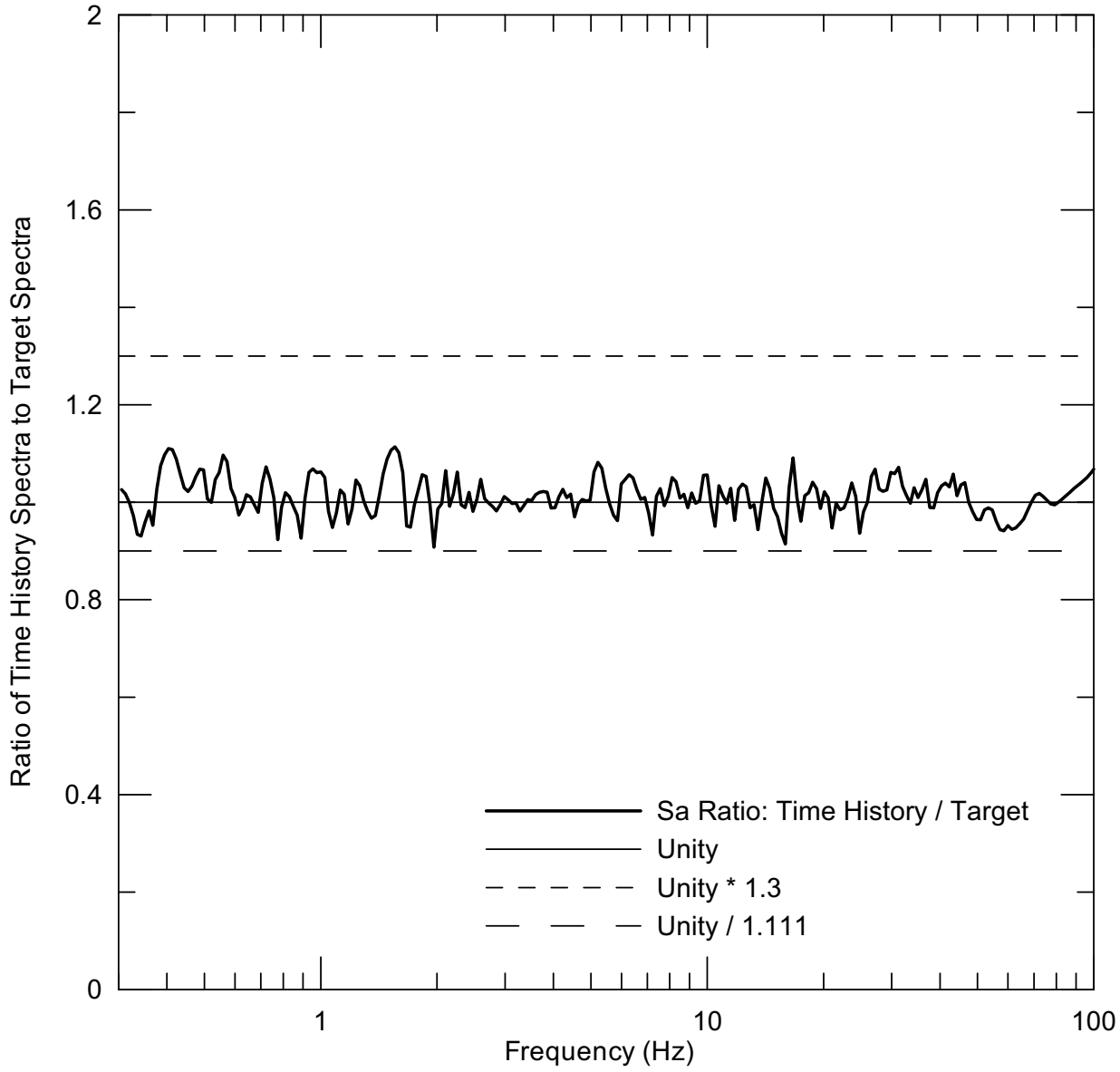
Source: Appendix D, Table D-1

Figure 6.5.2-143. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, $5x10^{-4}$ AFE, Horizontal 1, Set 1



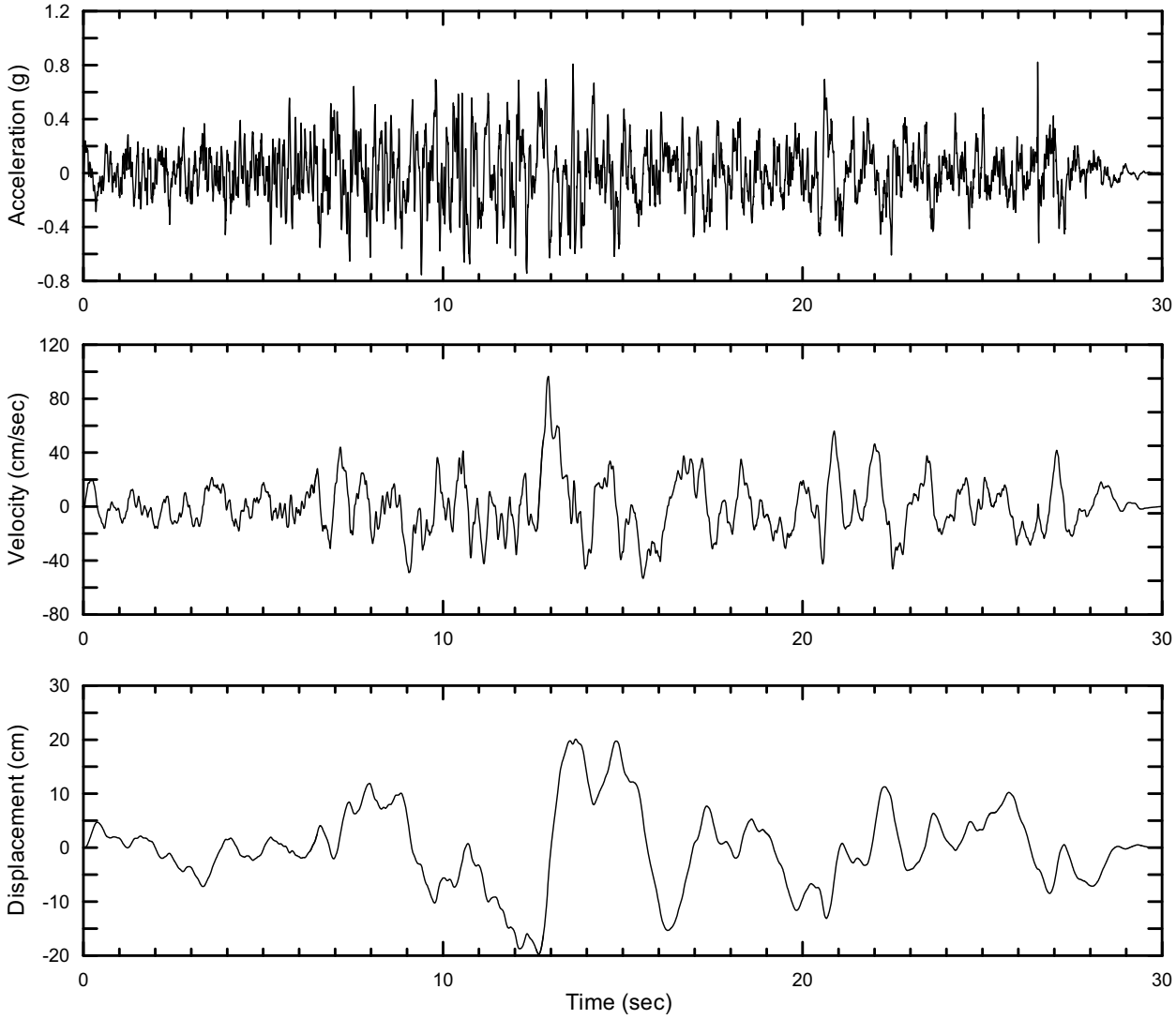
Source: Appendix D, Table D-1

Figure 6.5.2-144. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 2, Set 1



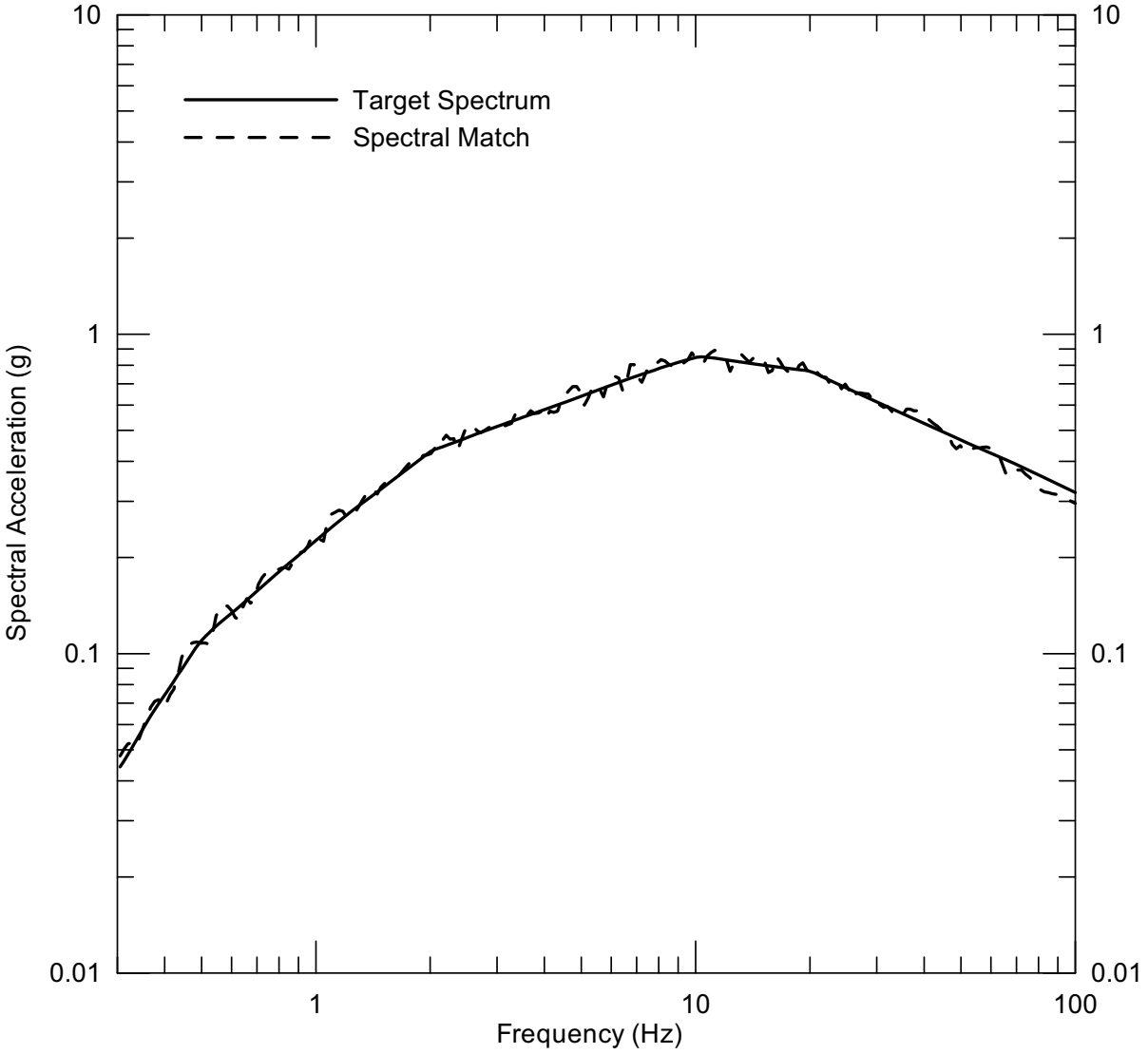
Source: Appendix D, Table D-1

Figure 6.5.2-145. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 2, Set 1



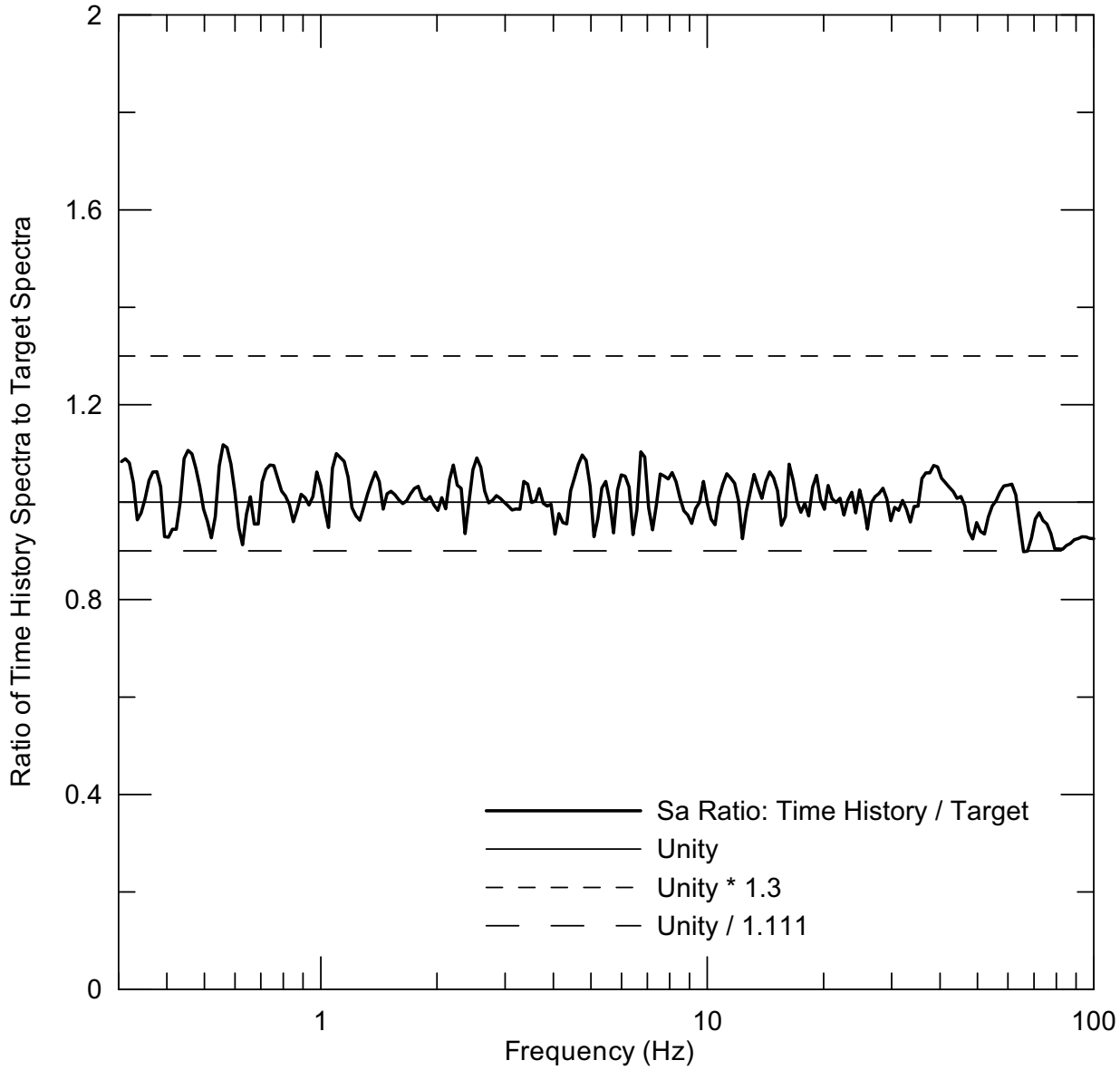
Source: Appendix D, Table D-1

Figure 6.5.2-146. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Horizontal 2, Set 1



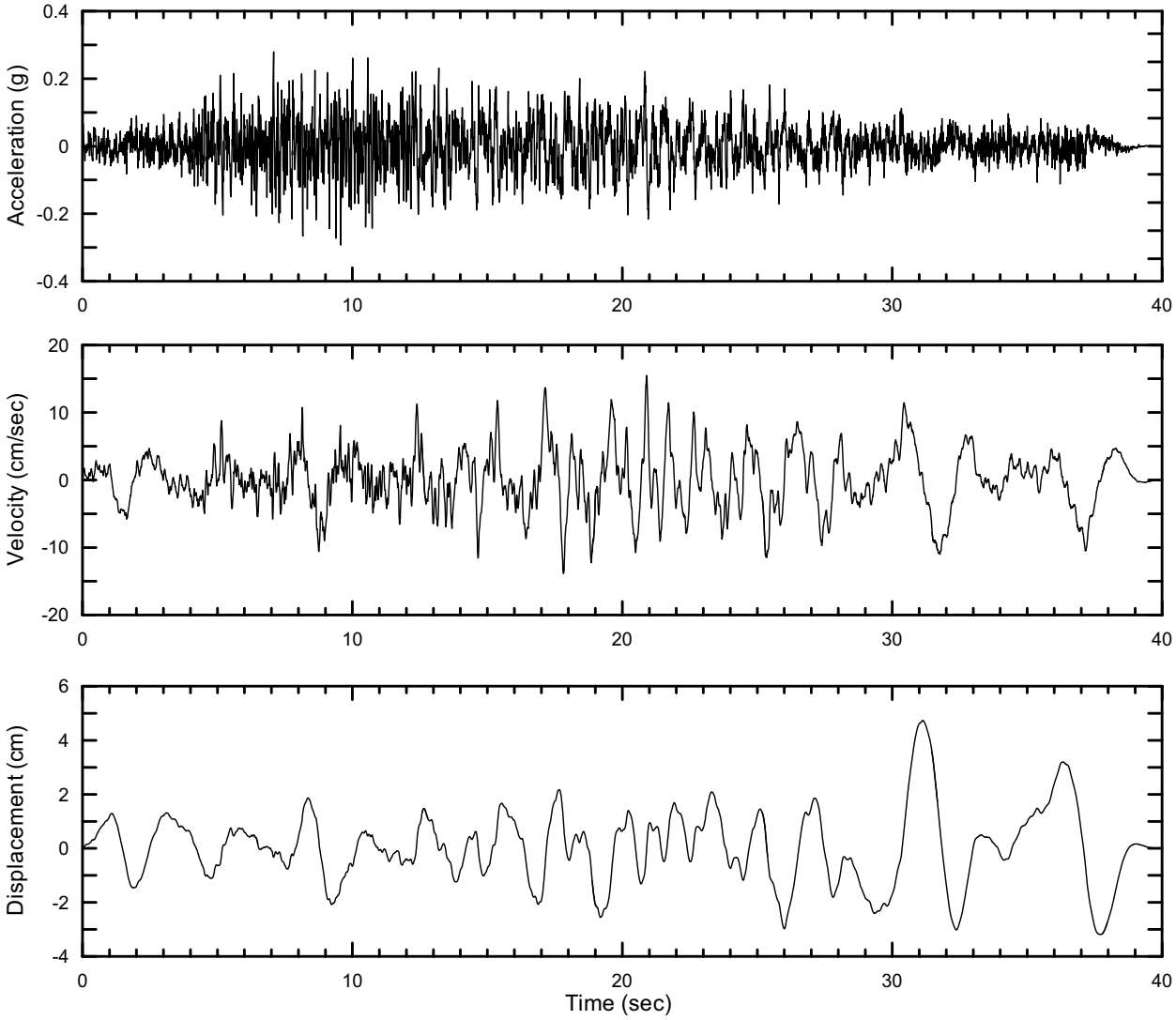
Source: Appendix D, Table D-1

Figure 6.5.2-147. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Vertical, Set 1



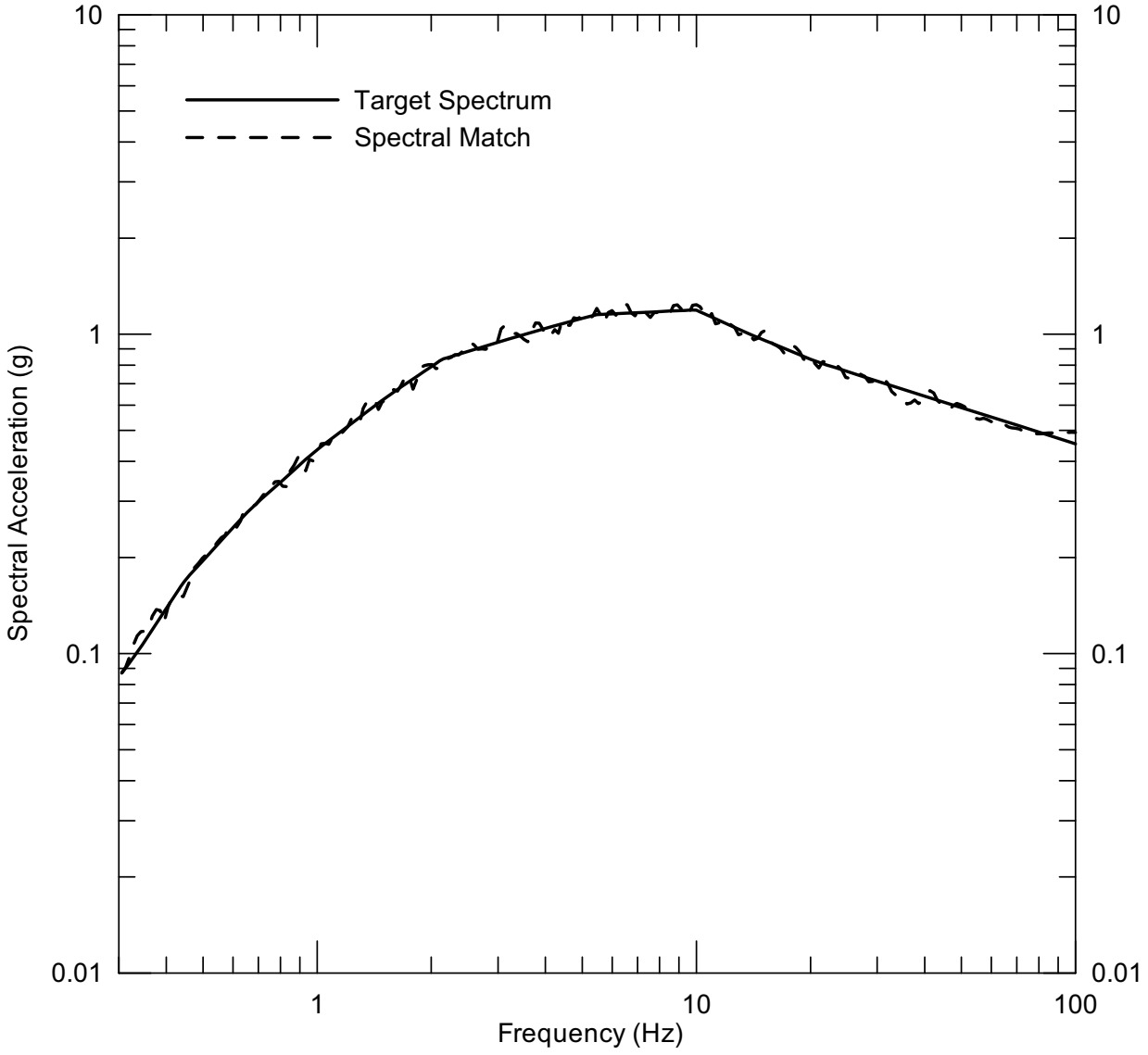
Source: Appendix D, Table D-1

Figure 6.5.2-148. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Vertical, Set 1



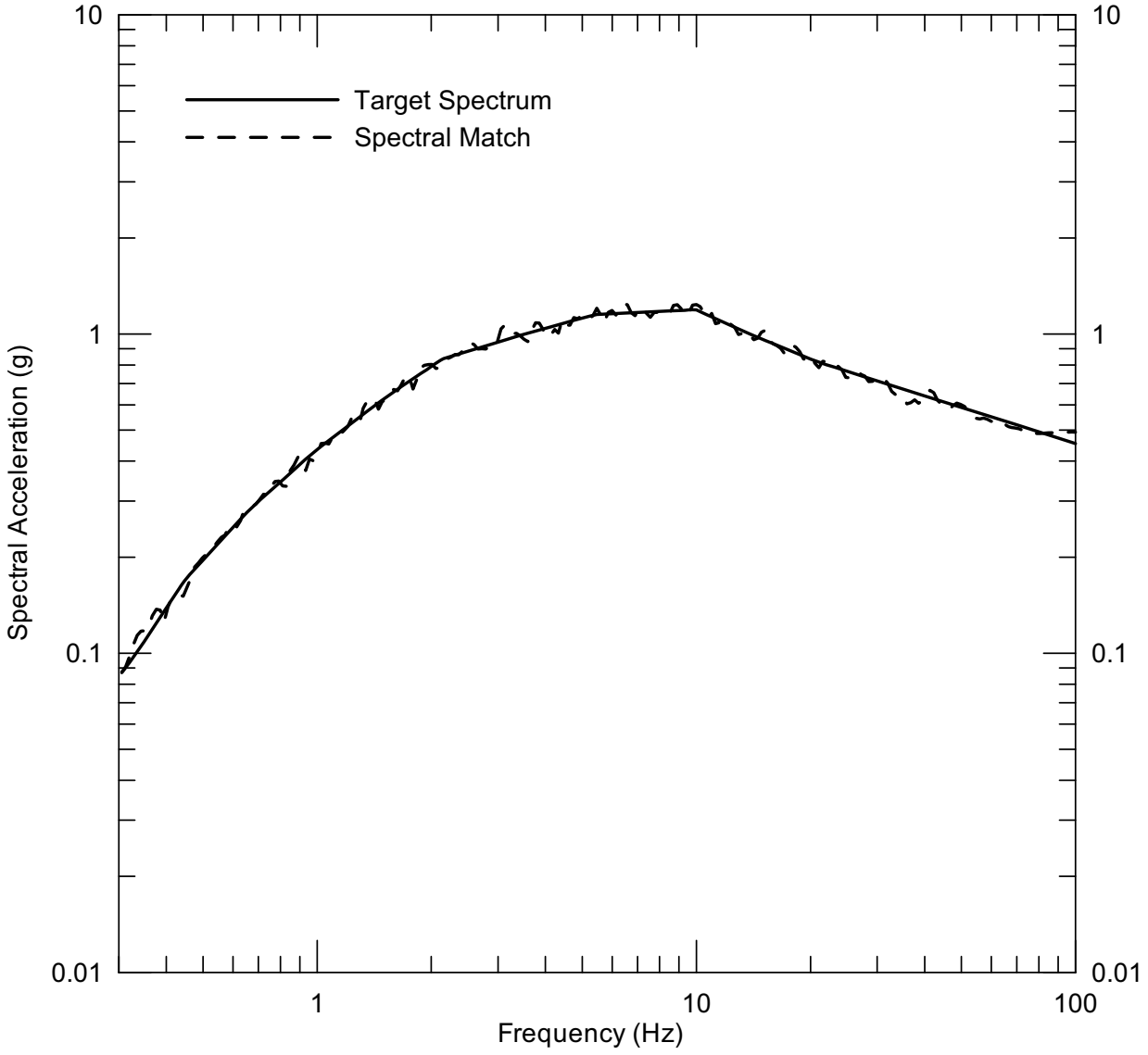
Source: Appendix D, Table D-1

Figure 6.5.2-149. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Vertical, Set 1



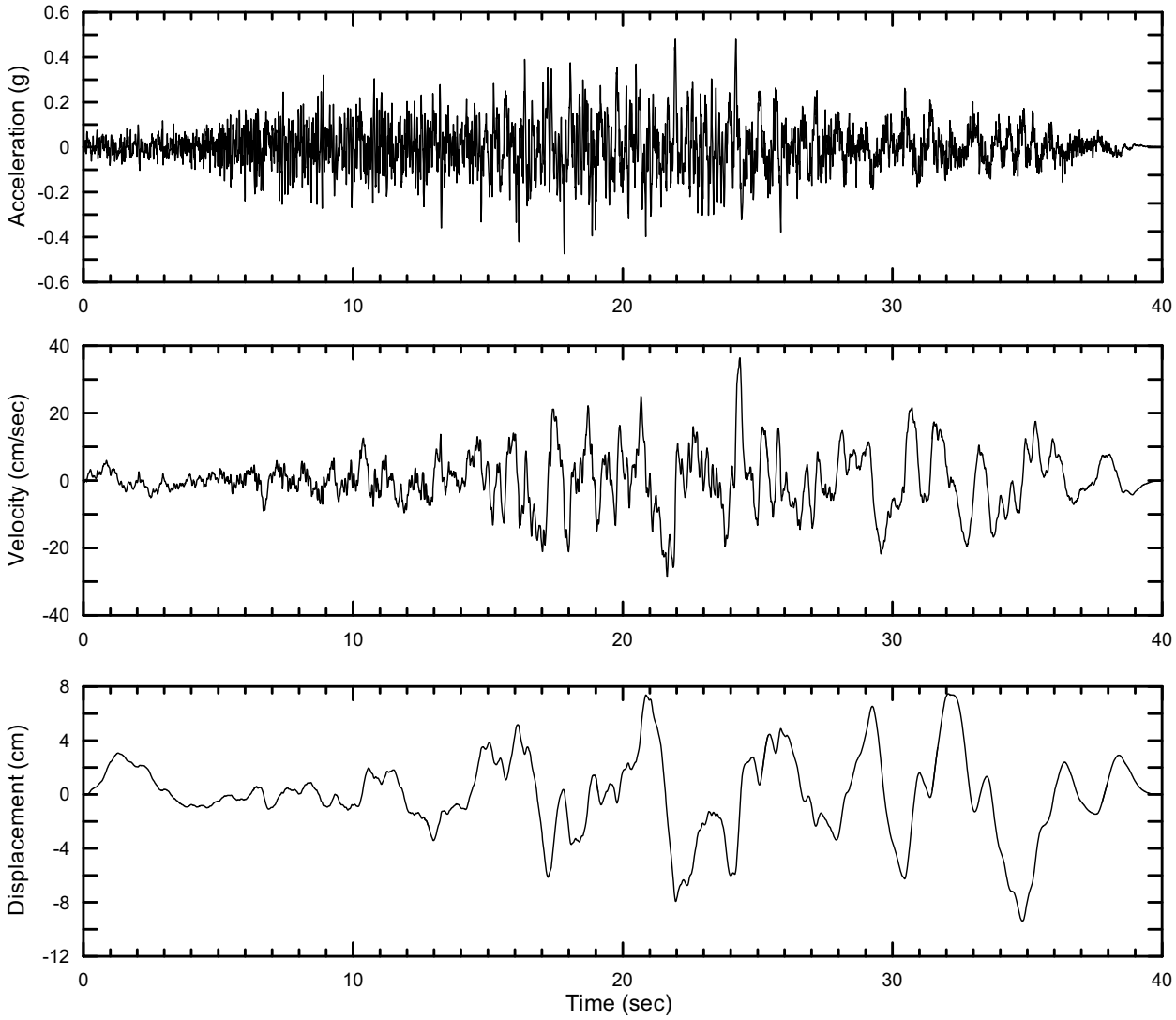
Source: Appendix D, Table D-1

Figure 6.5.2-150. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 1, Set 2



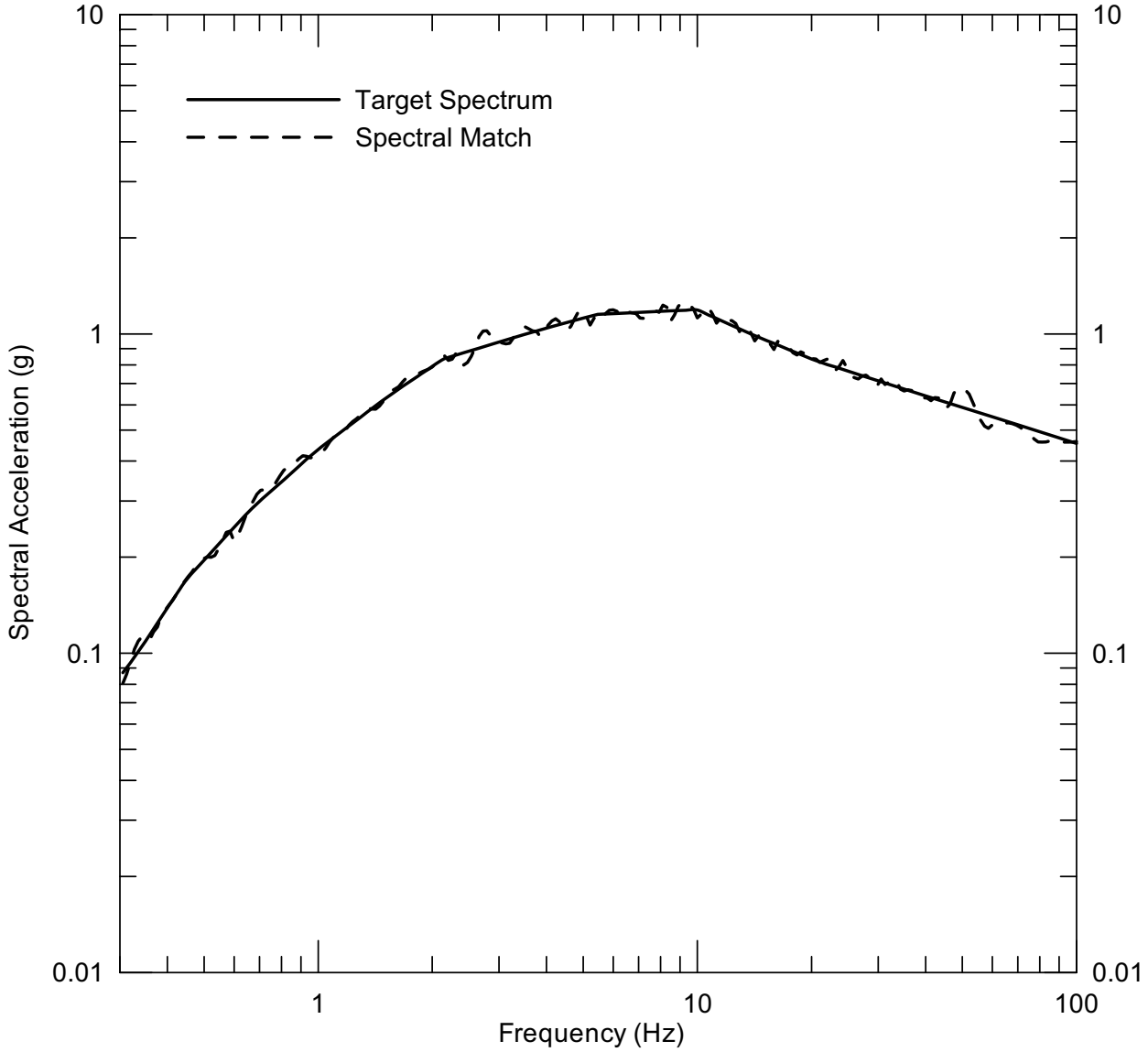
Source: Appendix D, Table D-1

Figure 6.5.2-151. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 1, Set 2



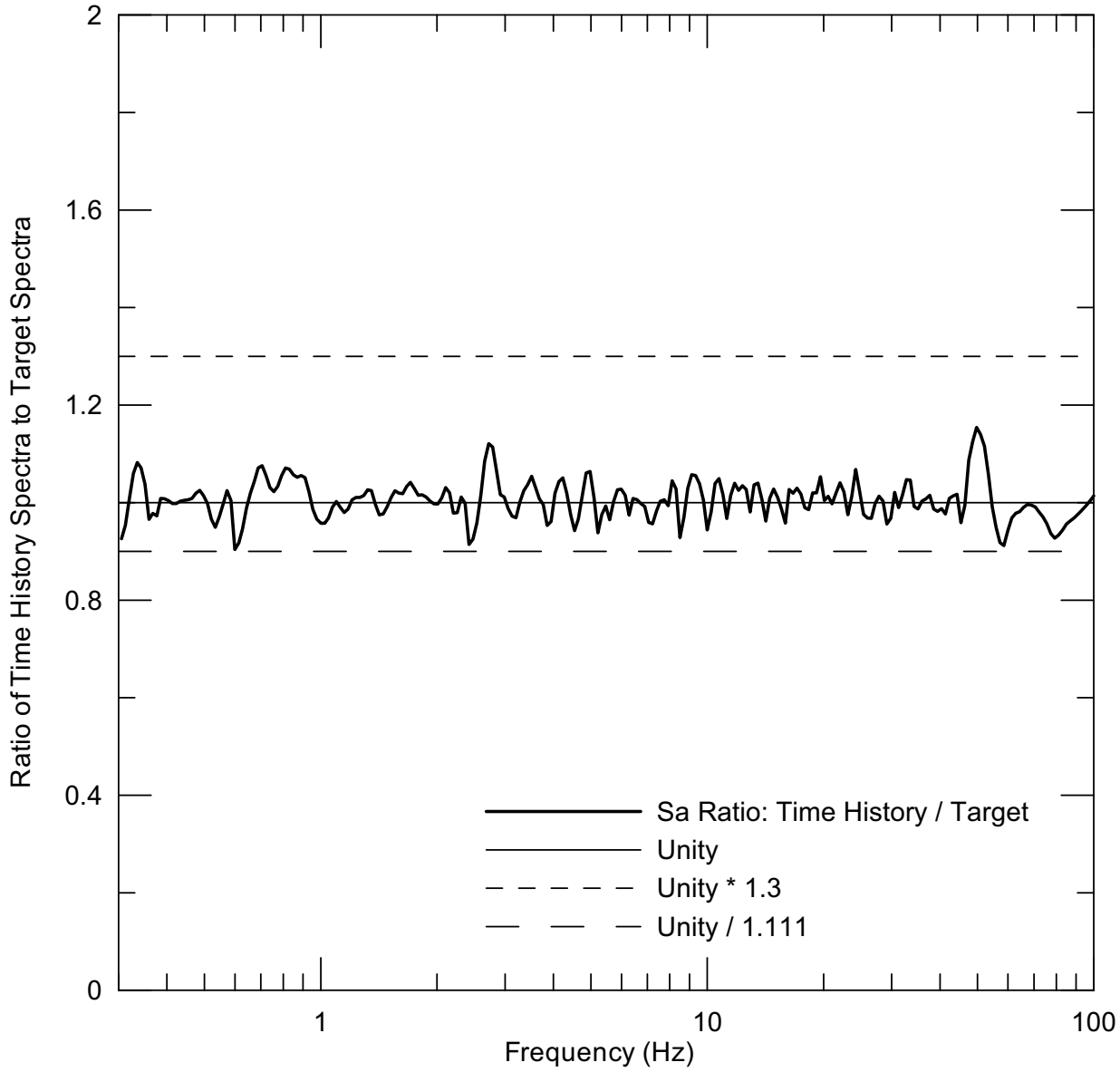
Source: Appendix D, Table D-1

Figure 6.5.2-152. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Horizontal 1, Set 2



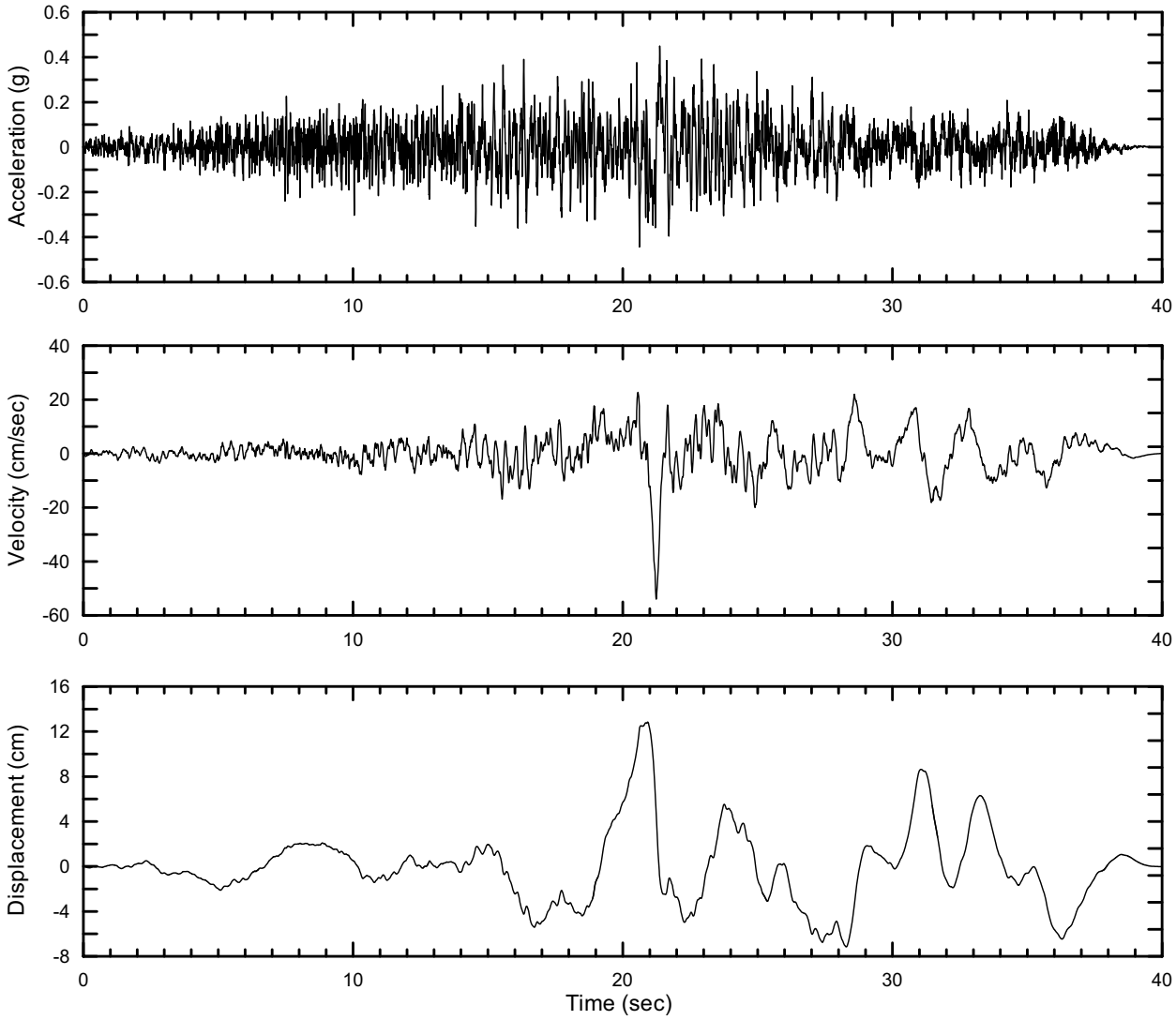
Source: Appendix D, Table D-1

Figure 6.5.2-153. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 2, Set 2



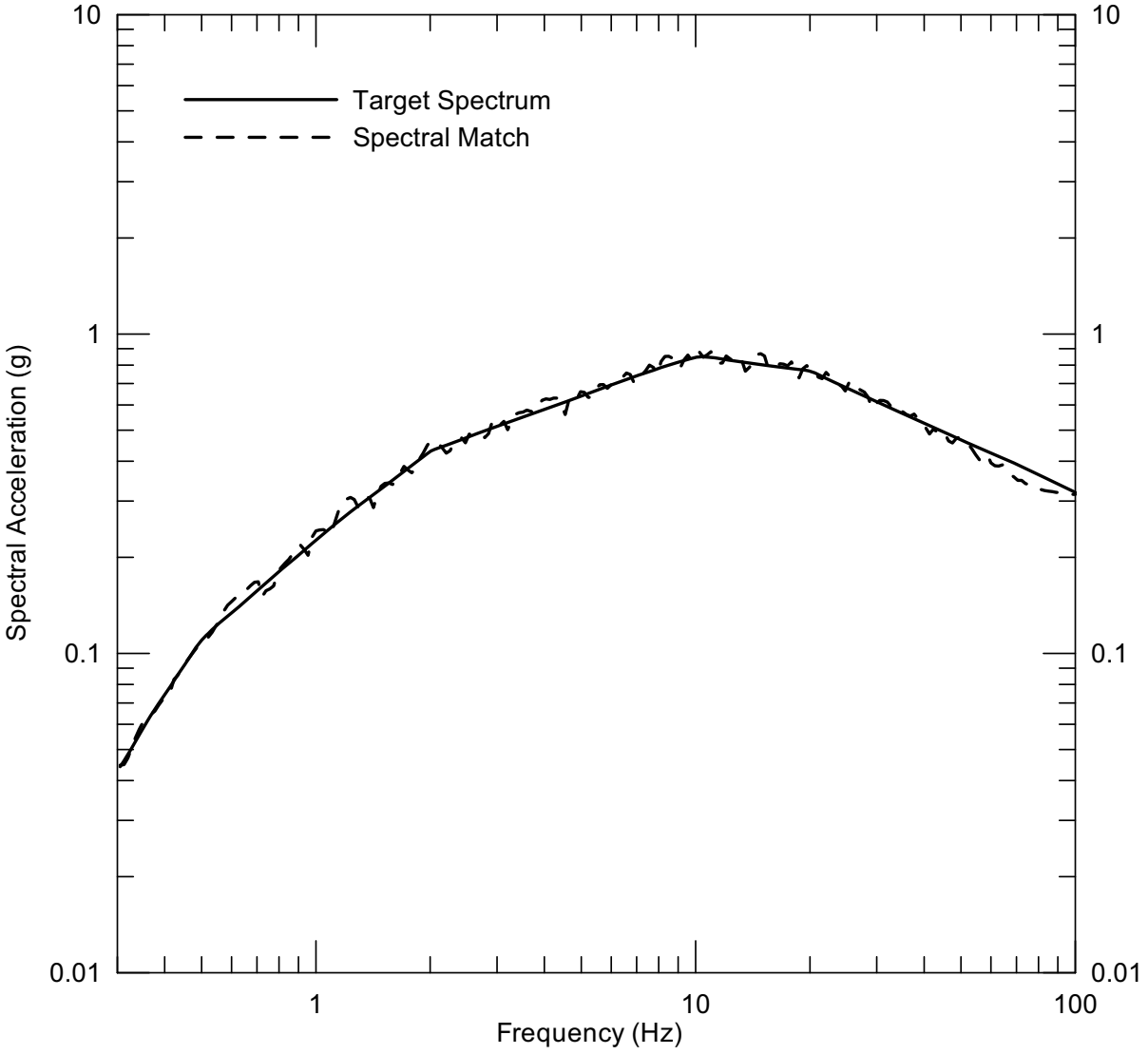
Source: Appendix D, Table D-1

Figure 6.5.2-154. Ratio of SFA Design Spectrum to Spectral Match at $5x10^{-4}$ AFE, Horizontal 2, Set 2



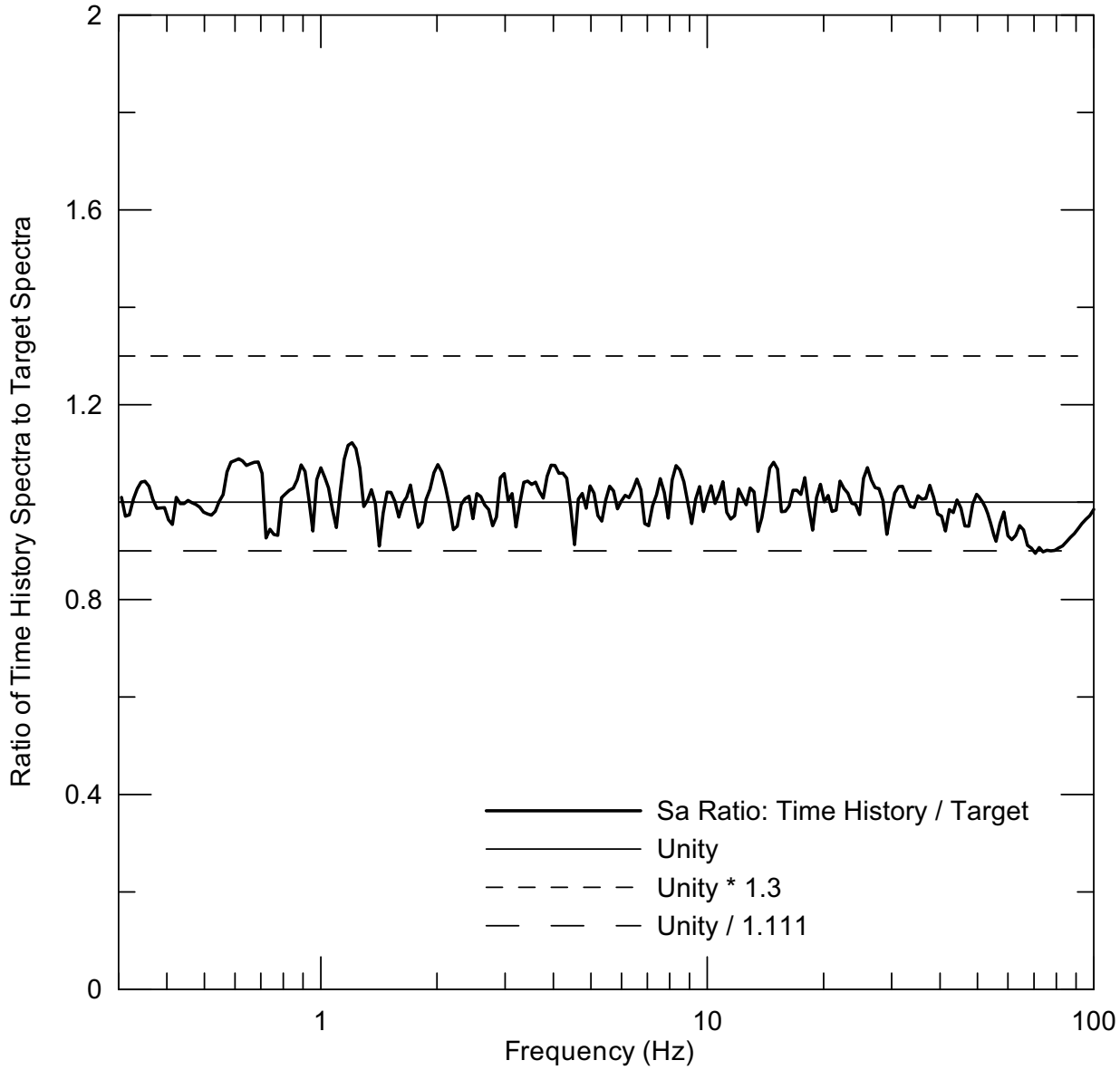
Source: Appendix D, Table D-1

Figure 6.5.2-155. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Horizontal 2, Set 2



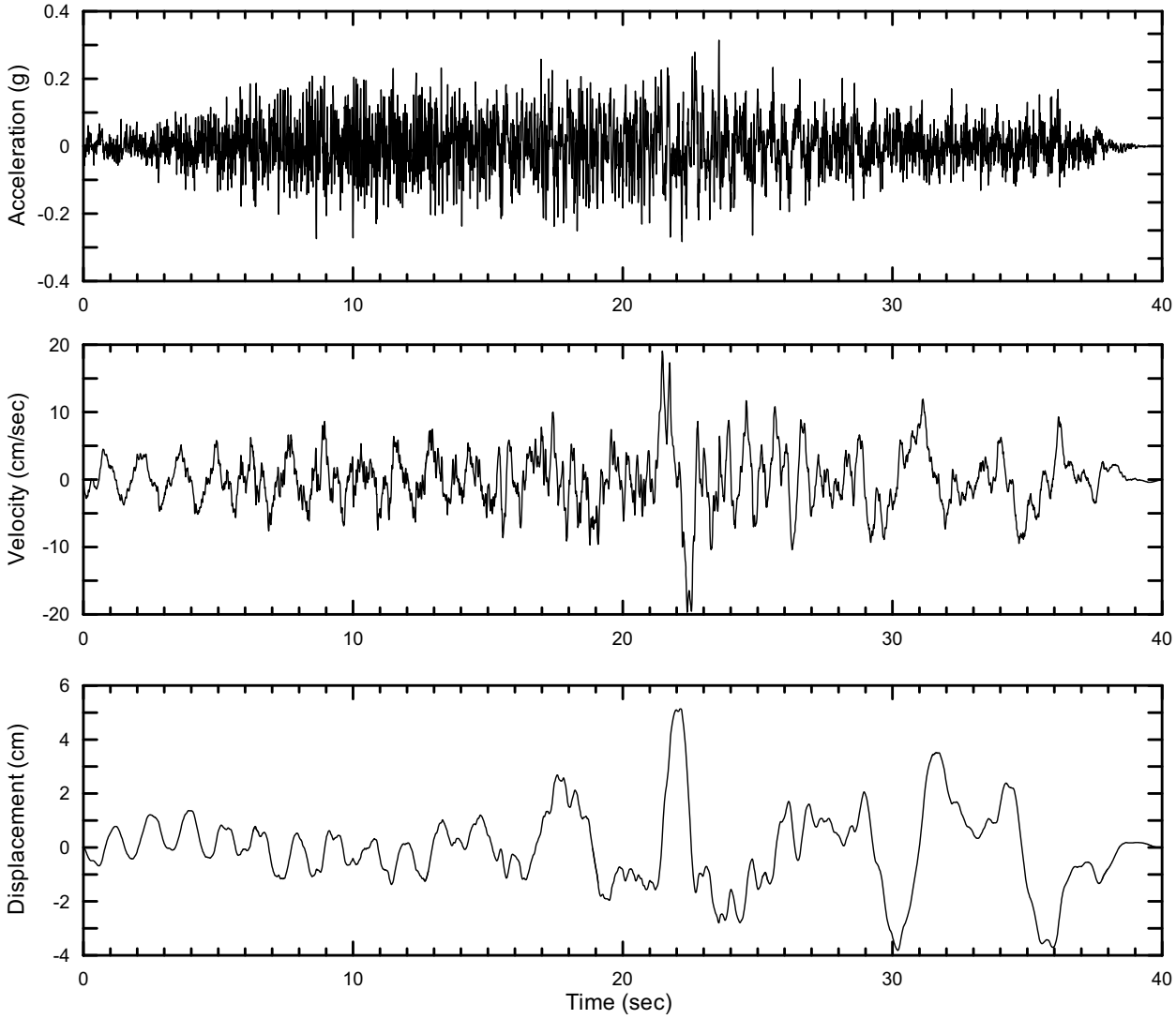
Source: Appendix D, Table D-1

Figure 6.5.2-156. Spectral Match to SFA Design Spectrum at $5x10^{-4}$ AFE, Vertical, Set 2



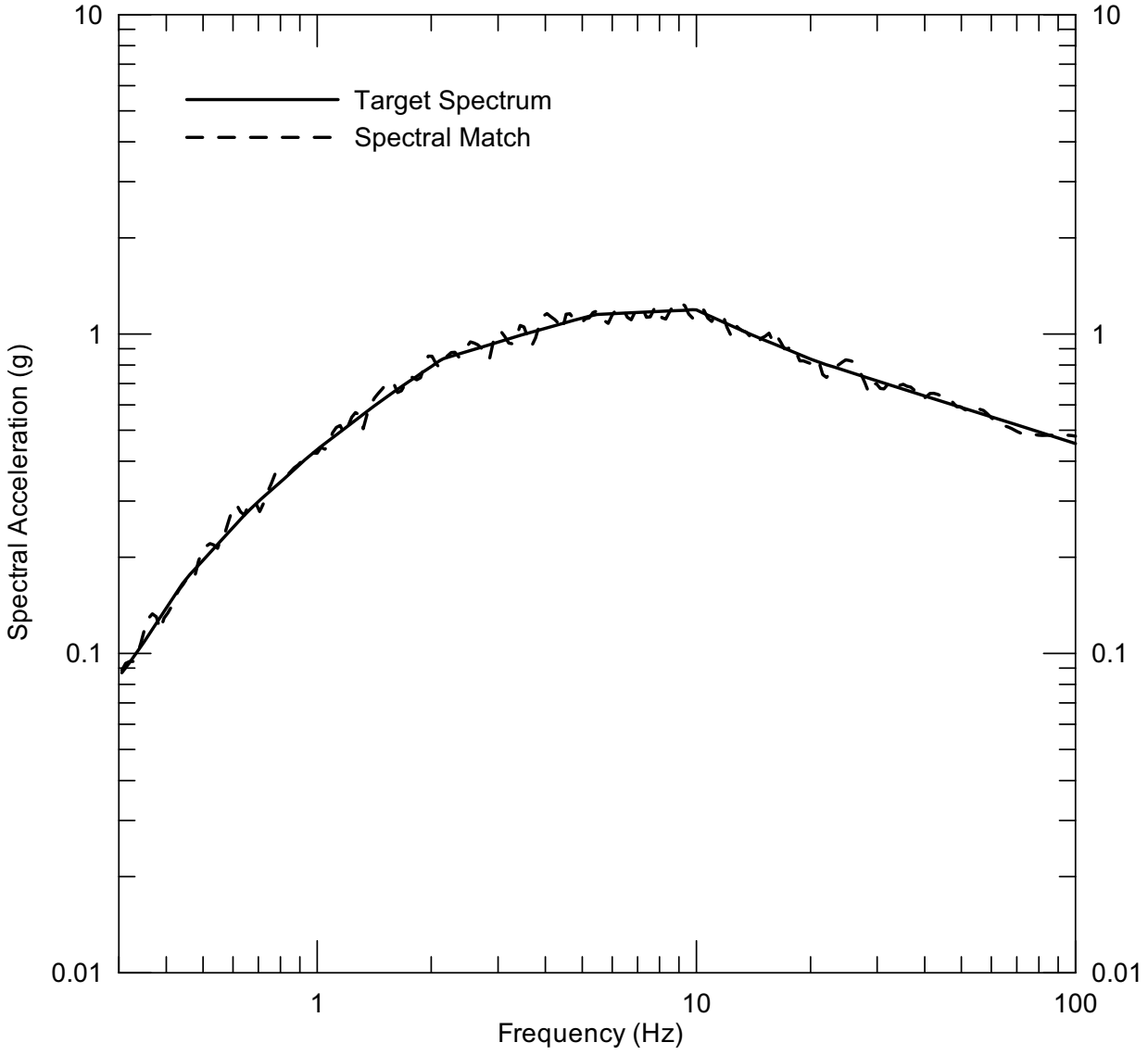
Source: Appendix D, Table D-1

Figure 6.5.2-157. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Vertical, Set 2



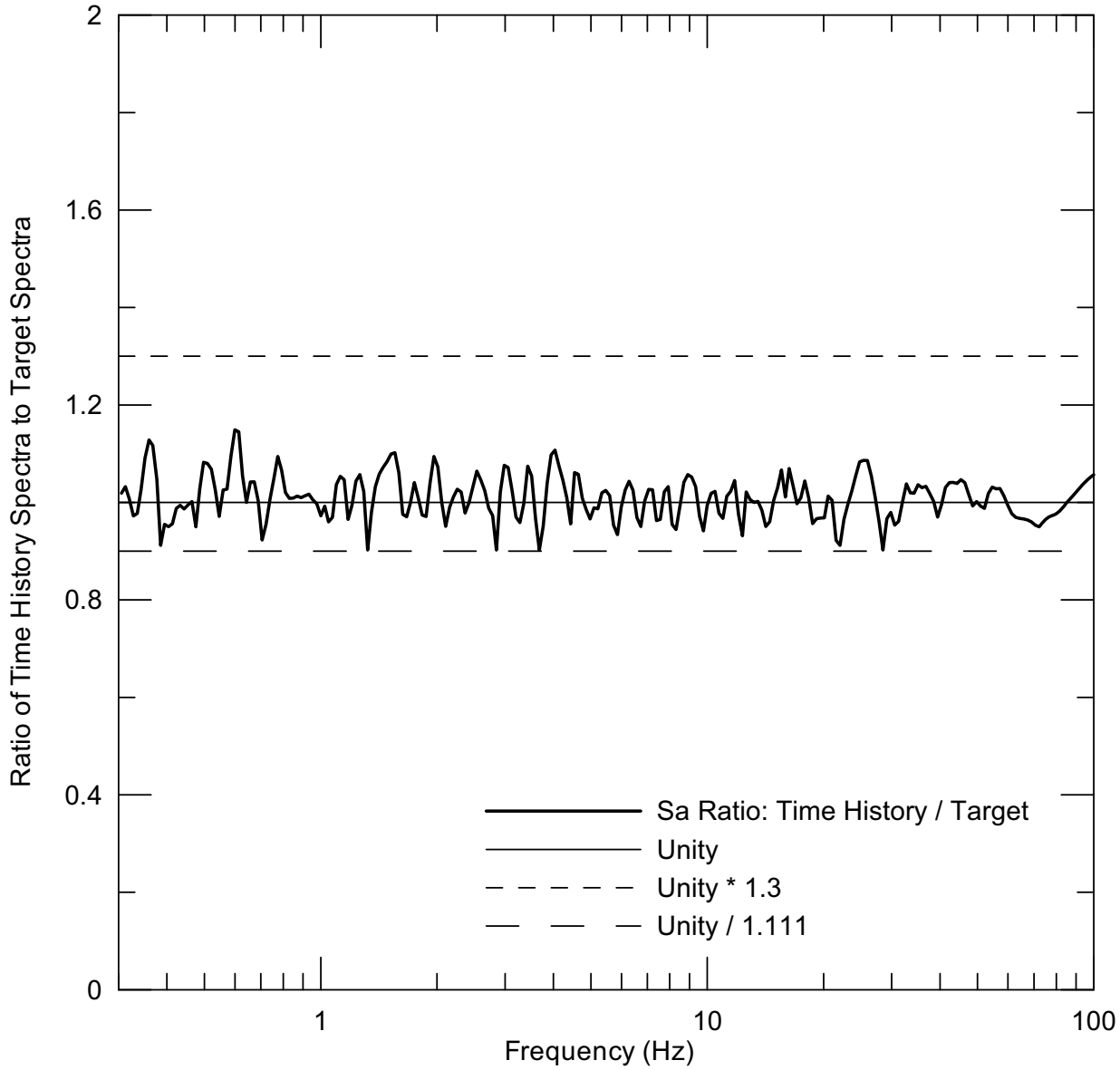
Source: Appendix D, Table D-1

Figure 6.5.2-158. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Vertical, Set 2



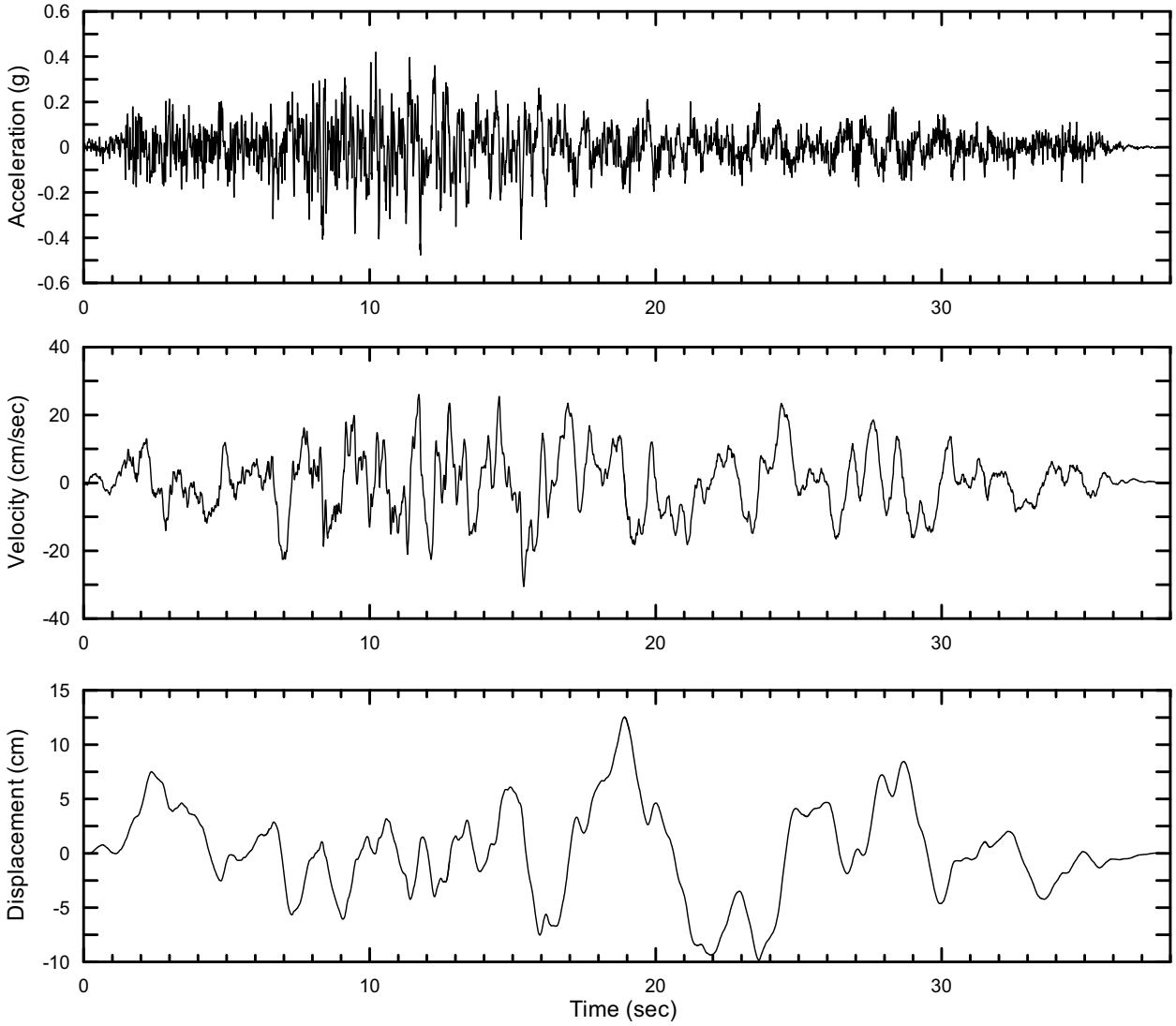
Source: Appendix D, Table D-1

Figure 6.5.2-159. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 1, Set 3



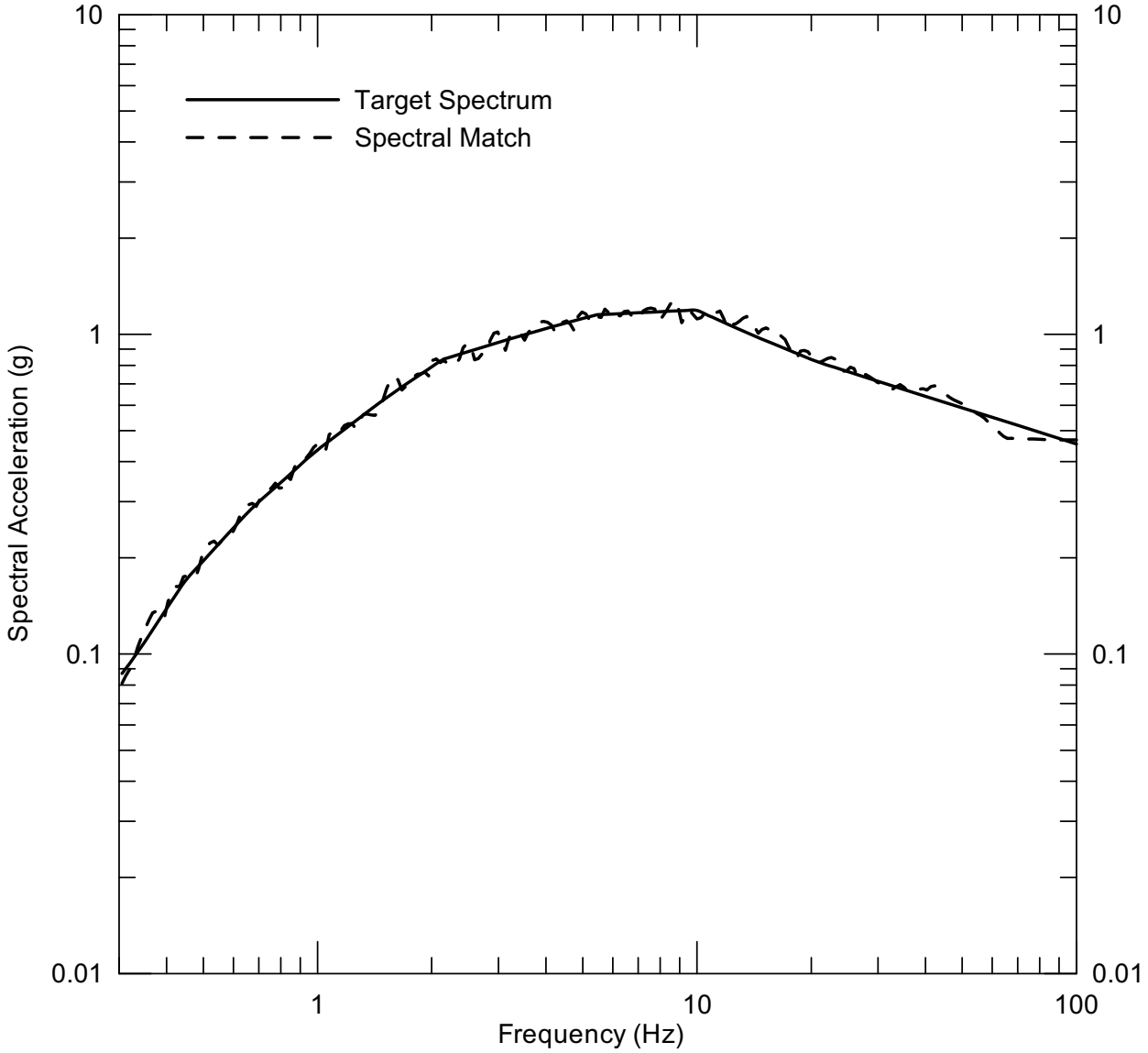
Source: Appendix D, Table D-1

Figure 6.5.2-160. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 1, Set 3



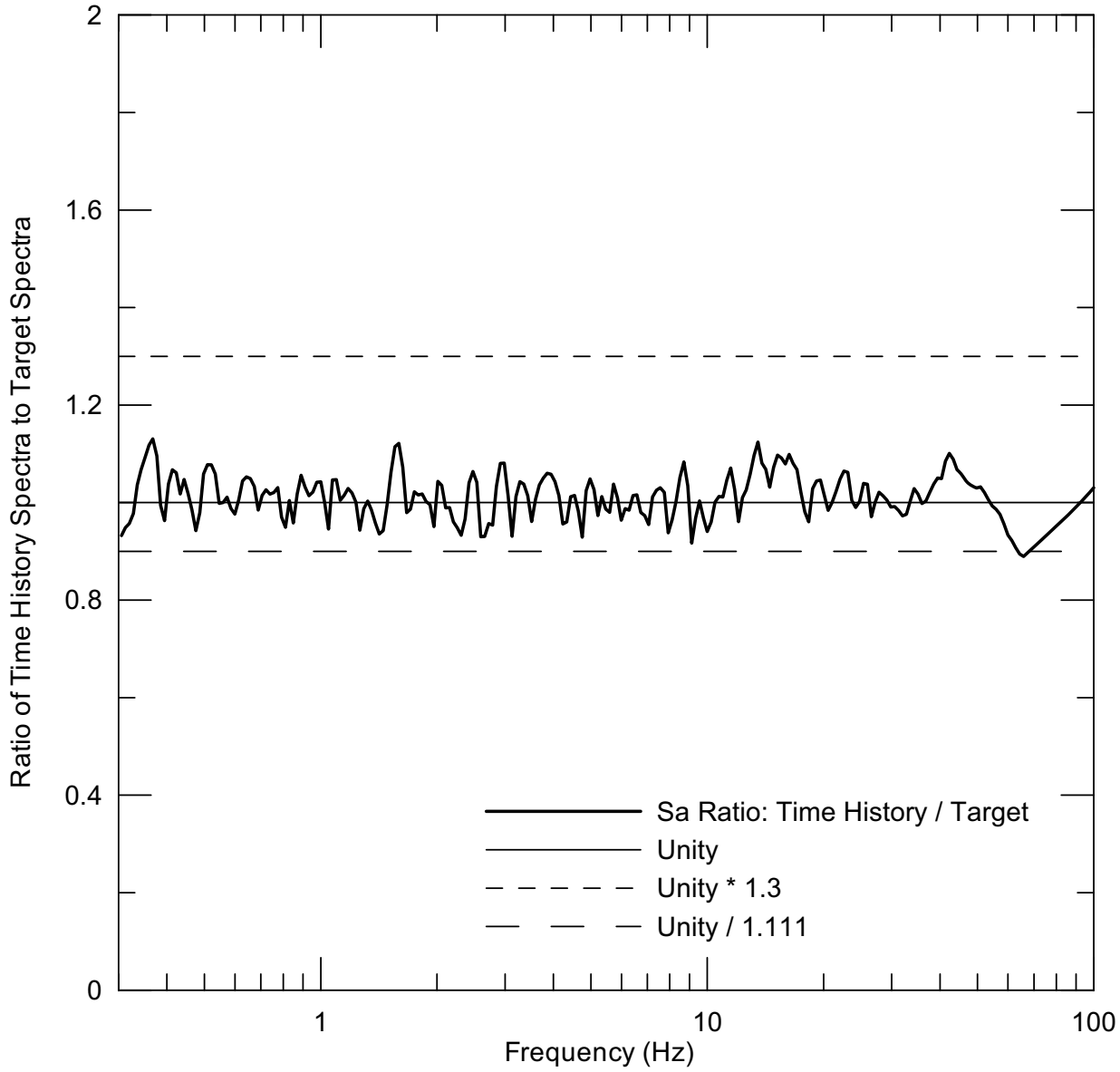
Source: Appendix D, Table D-1

Figure 6.5.2-161. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, $5x10^{-4}$ AFE, Horizontal 1, Set 3



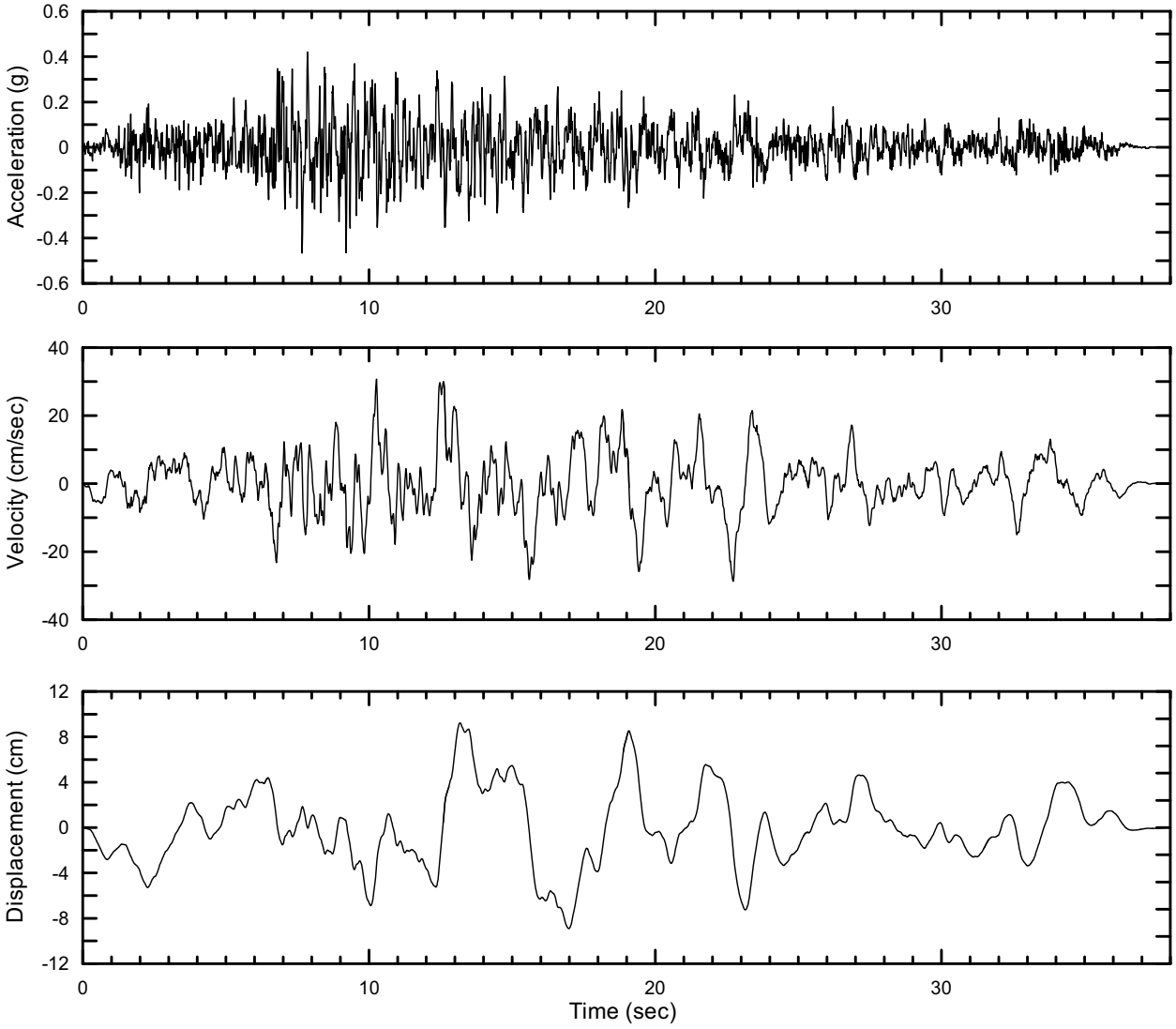
Source: Appendix D, Table D-1

Figure 6.5.2-162. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 2, Set 3



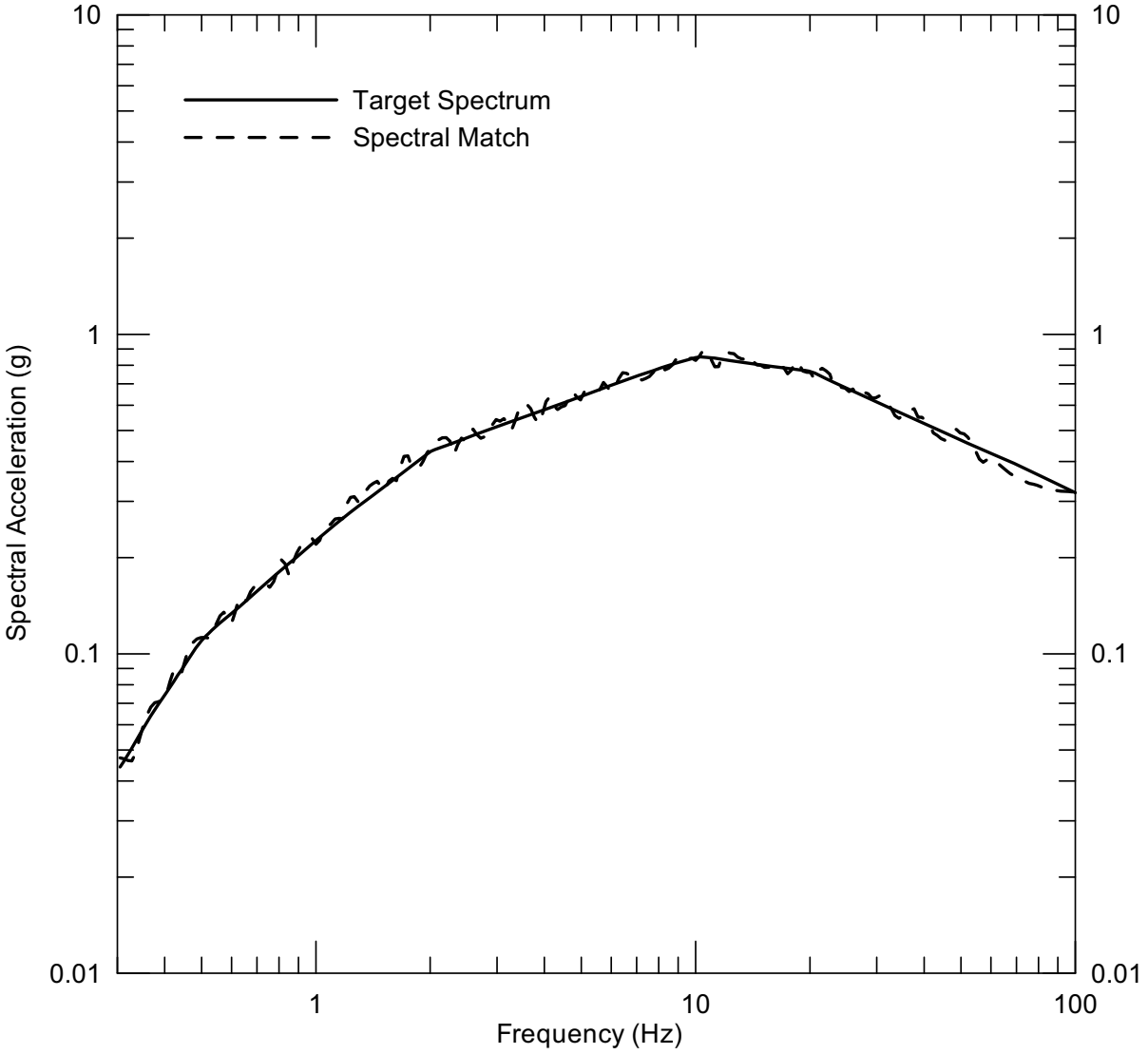
Source: Appendix D, Table D-1

Figure 6.5.2-163. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 2, Set 3



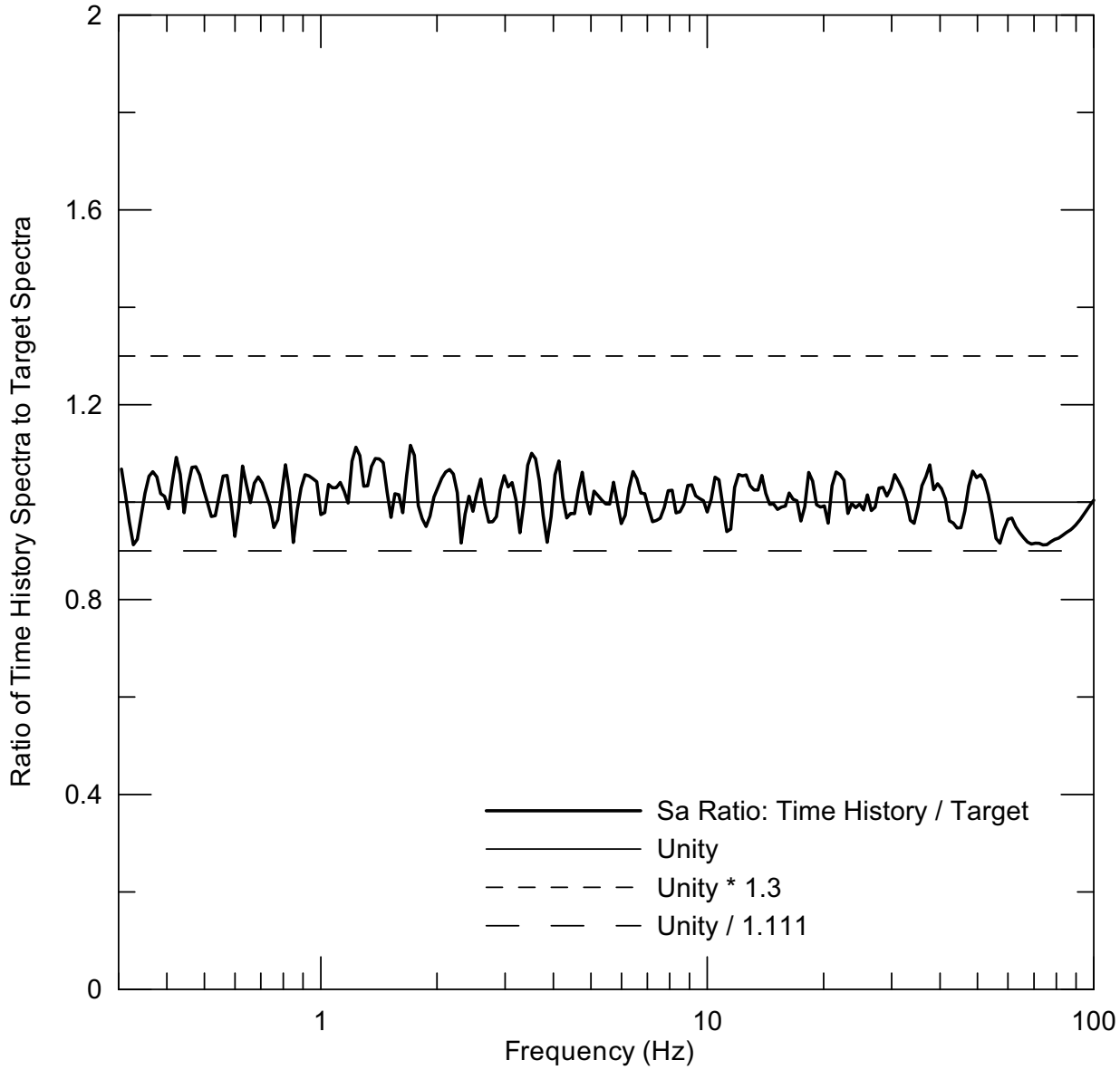
Source: Appendix D, Table D-1

Figure 6.5.2-164. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Horizontal 2, Set 3



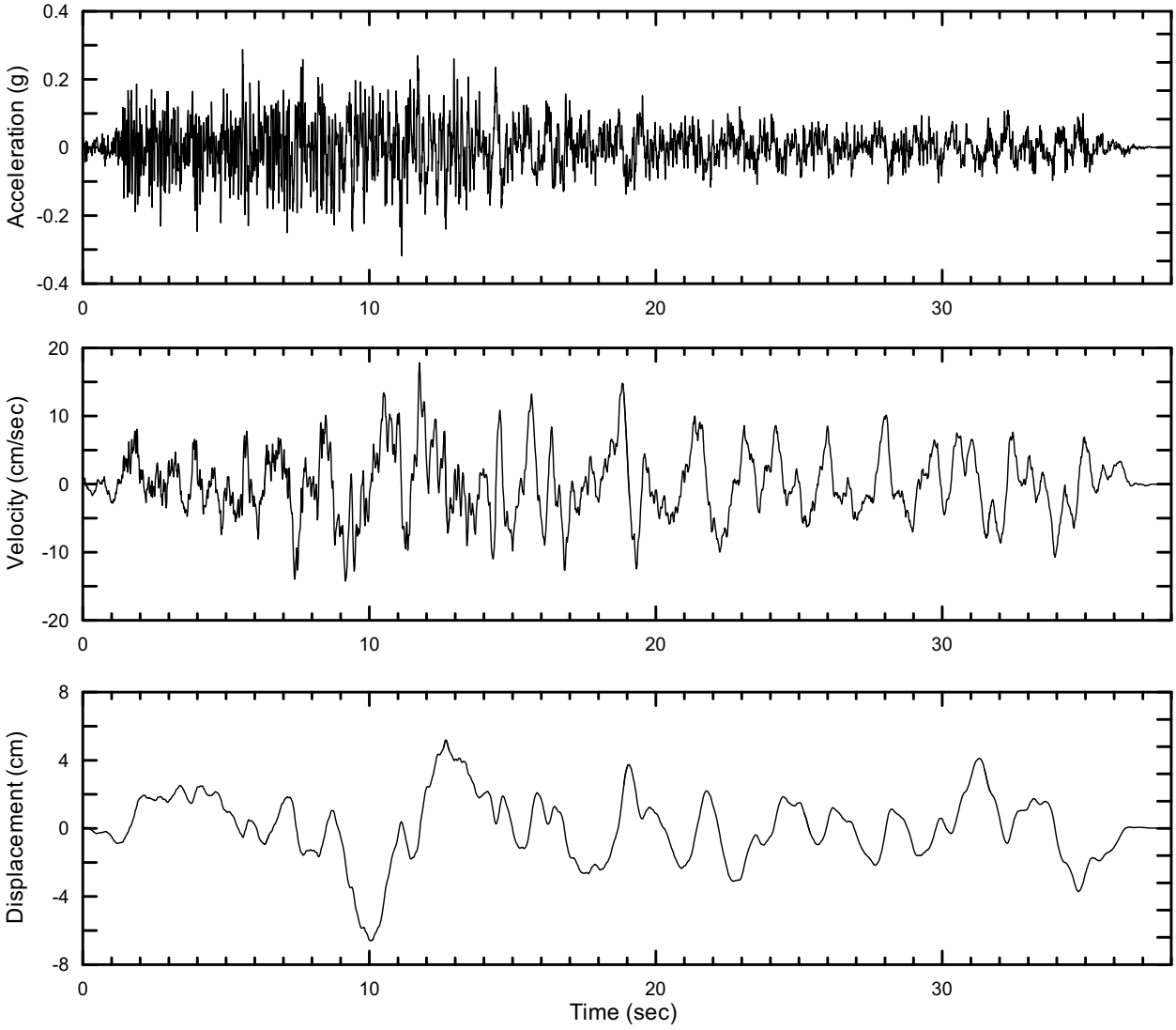
Source: Appendix D, Table D-1

Figure 6.5.2-165. Spectral Match to SFA Design Spectrum at $5x10^{-4}$ AFE, Vertical, Set 3



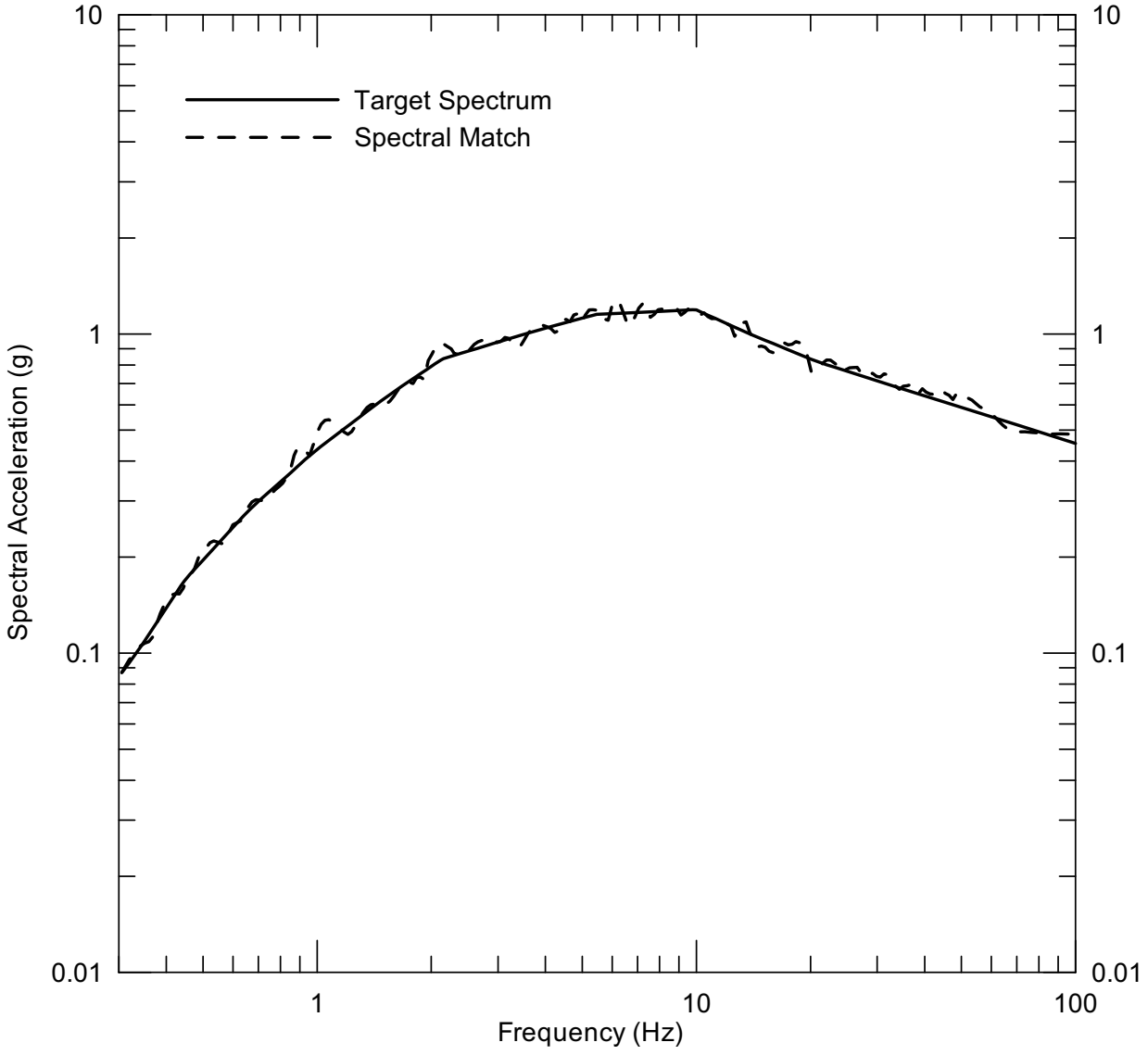
Source: Appendix D, Table D-1

Figure 6.5.2-166. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Vertical, Set 3



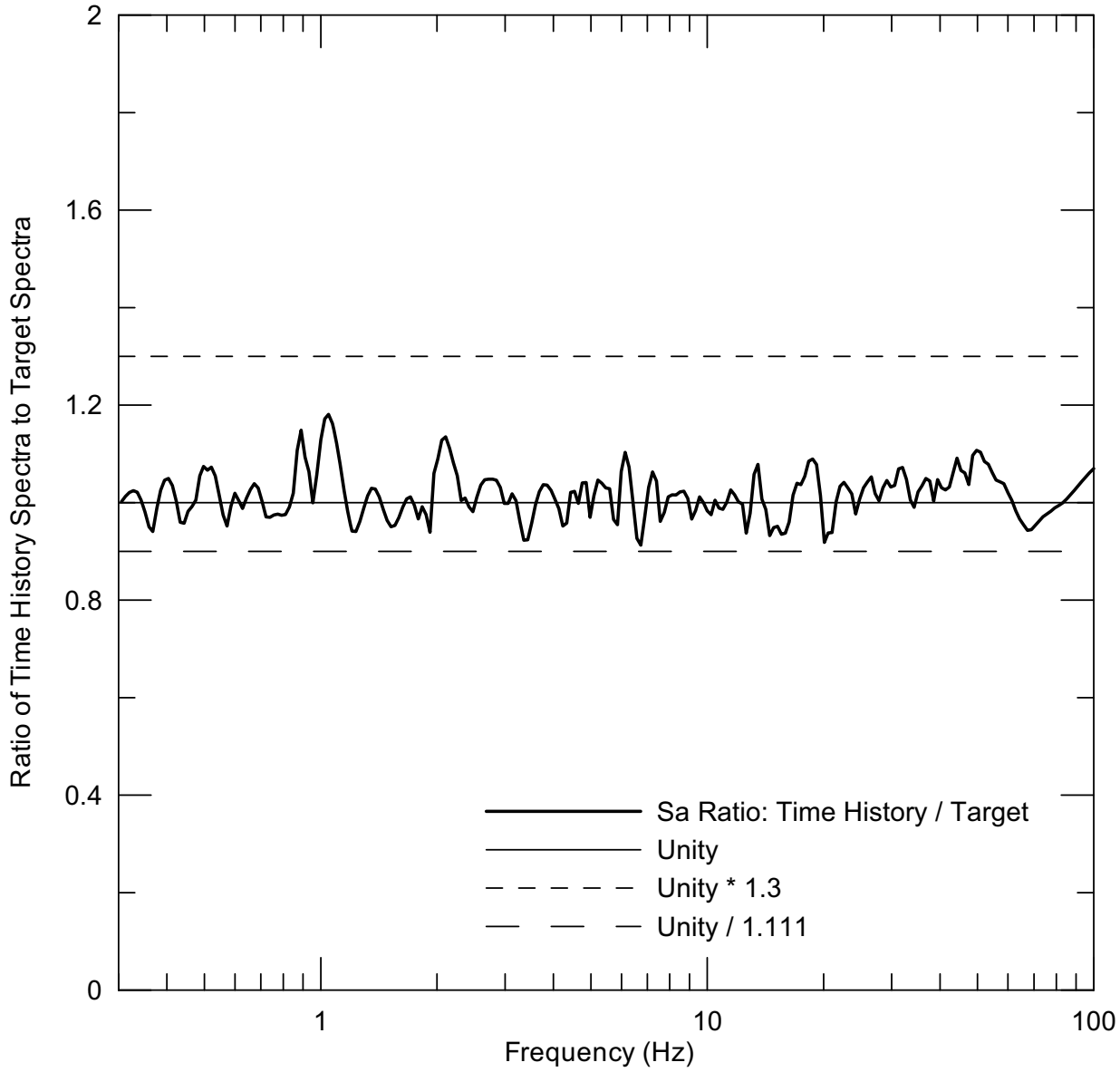
Source: Appendix D, Table D-1

Figure 6.5.2-167. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Vertical, Set 3



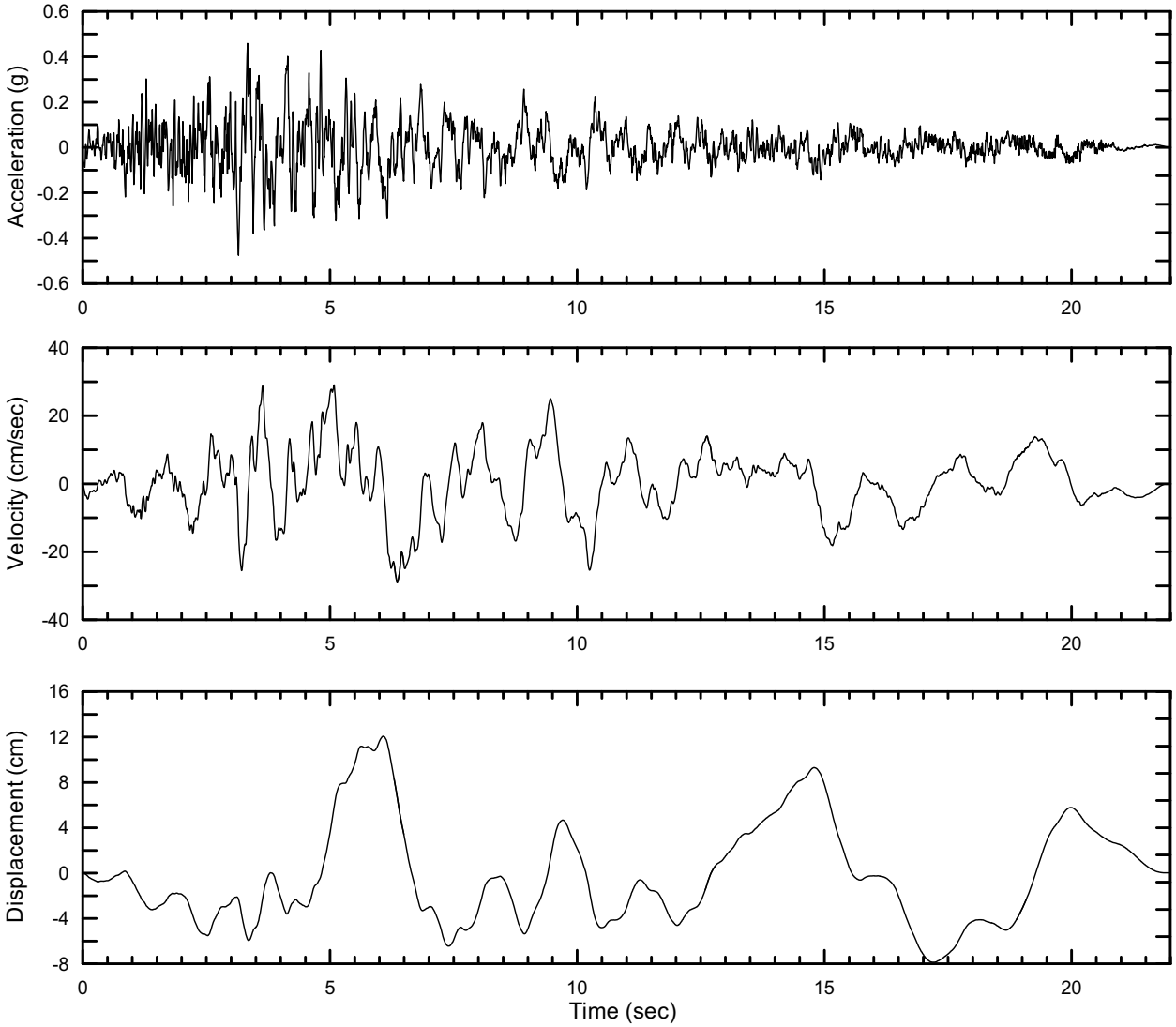
Source: Appendix D, Table D-1

Figure 6.5.2-168. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 1, Set 4



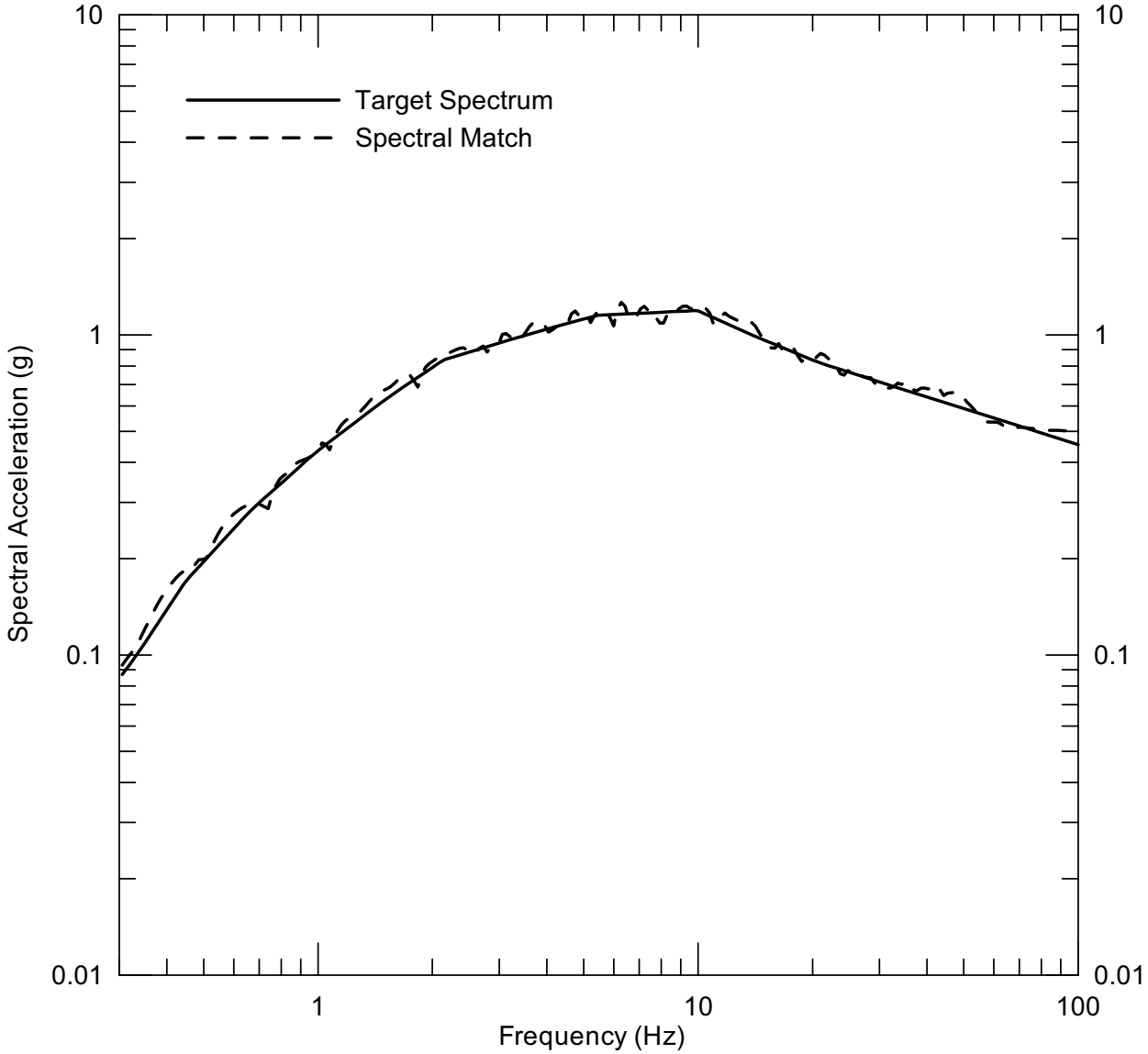
Source: Appendix D, Table D-1

Figure 6.5.2-169. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 1, Set 4



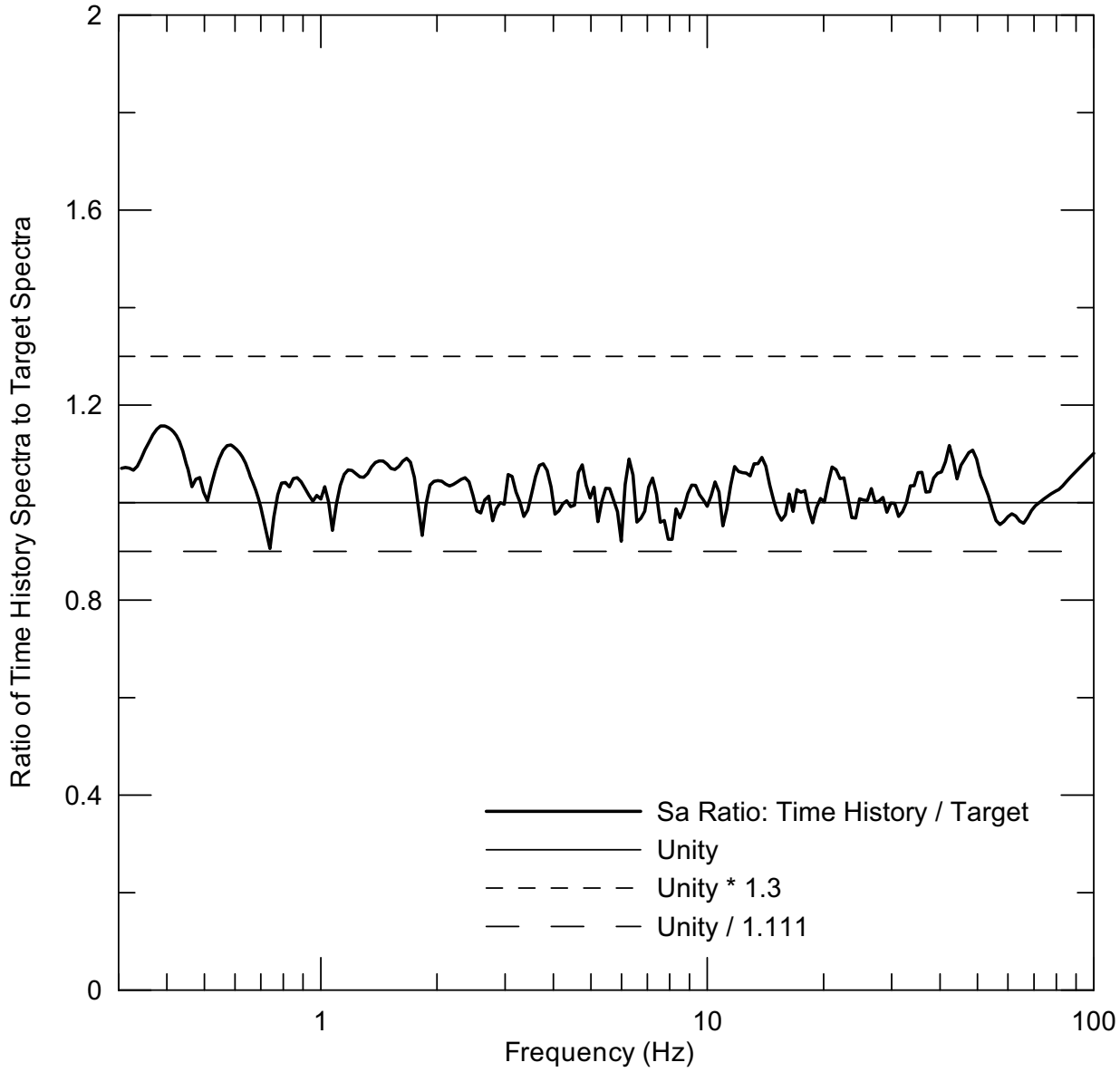
Source: Appendix D, Table D-1

Figure 6.5.2-170. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, $5x10^{-4}$ AFE, Horizontal 1, Set 4



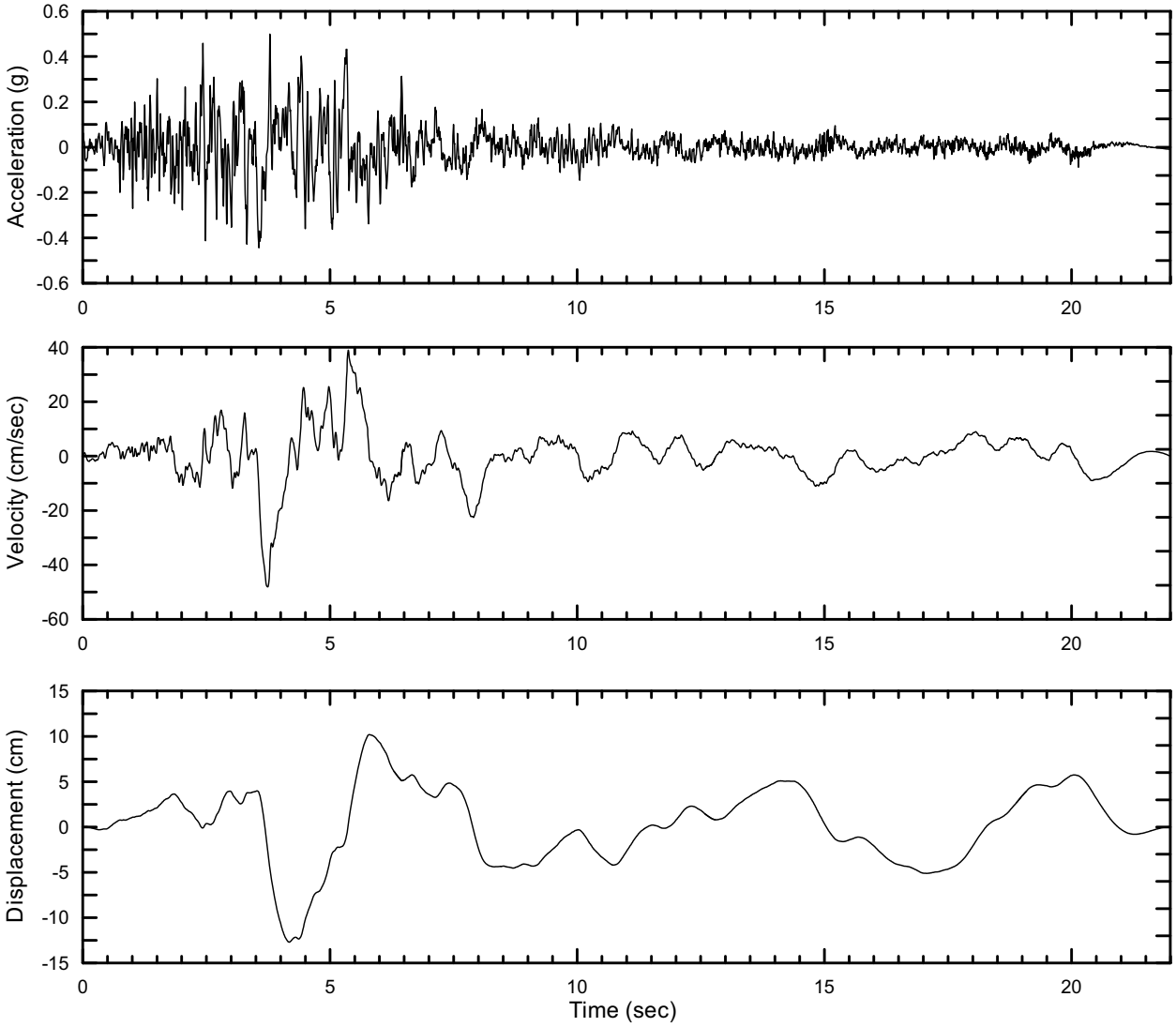
Source: Appendix D, Table D-1

Figure 6.5.2-171. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 2, Set 4



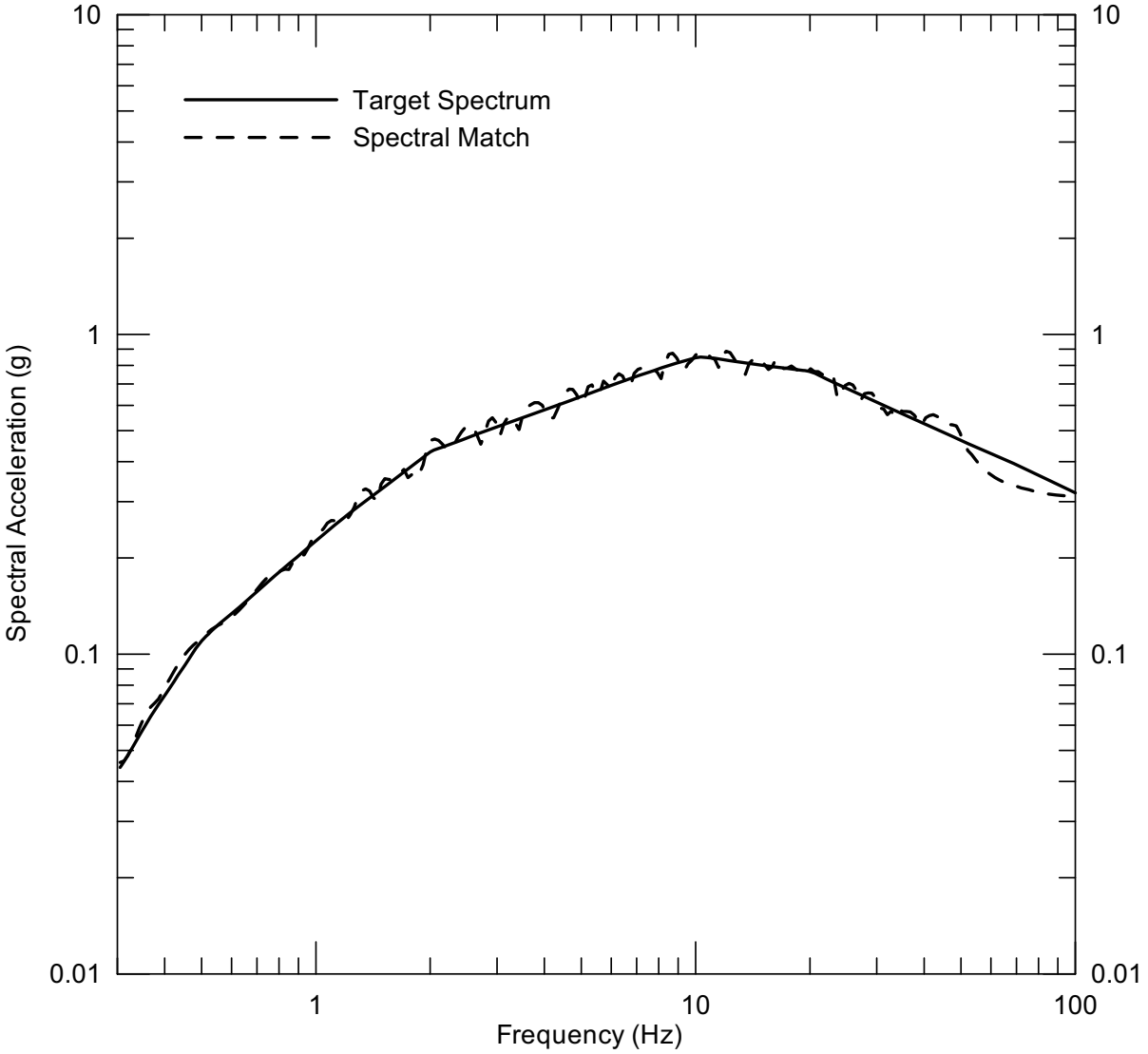
Source: Appendix D, Table D-1

Figure 6.5.2-172. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 2, Set 4



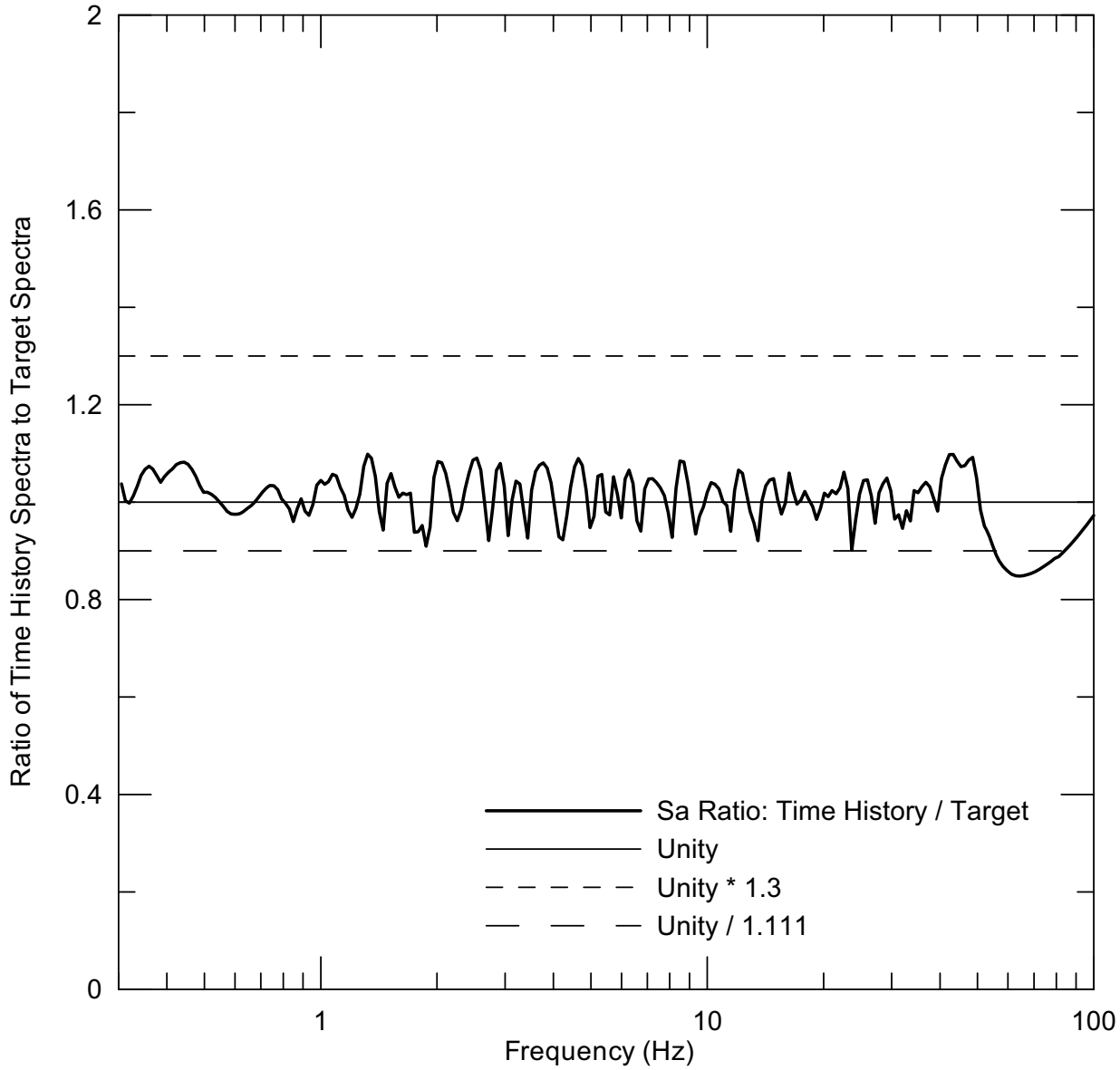
Source: Appendix D, Table D-1

Figure 6.5.2-173. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Horizontal 2, Set 4



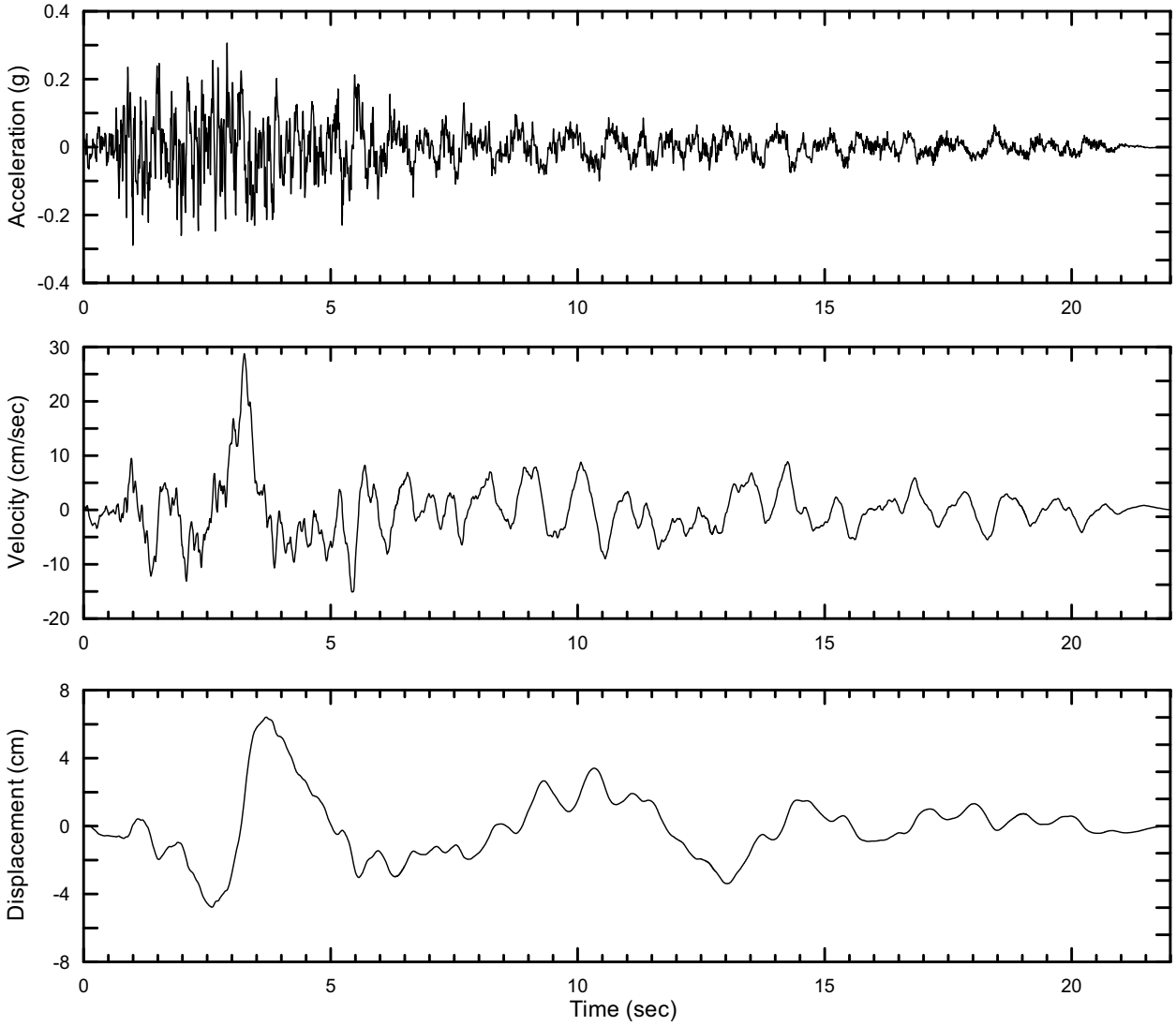
Source: Appendix D, Table D-1

Figure 6.5.2-174. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Vertical, Set 4



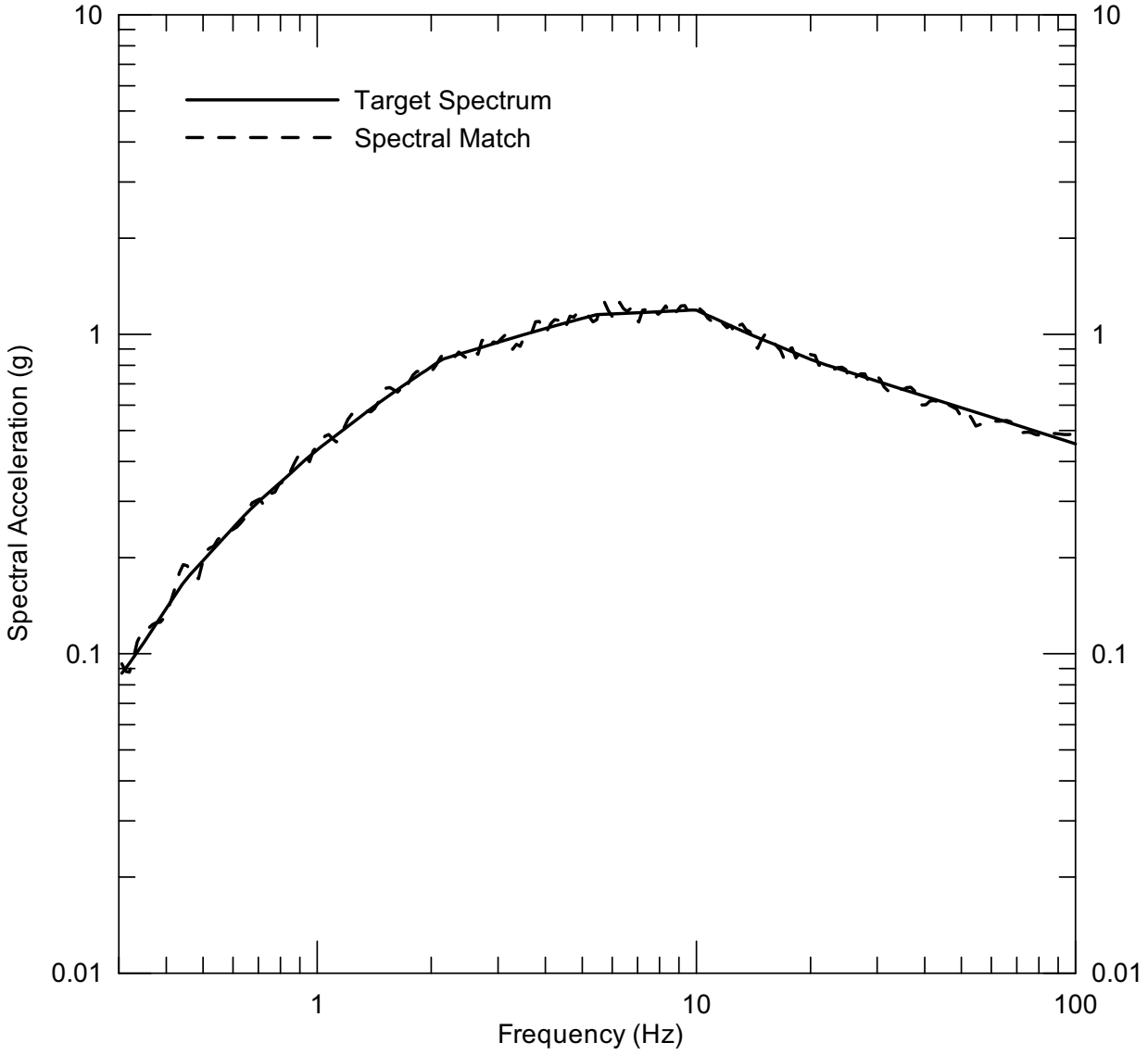
Source: Appendix D, Table D-1

Figure 6.5.2-175. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Vertical, Set 4



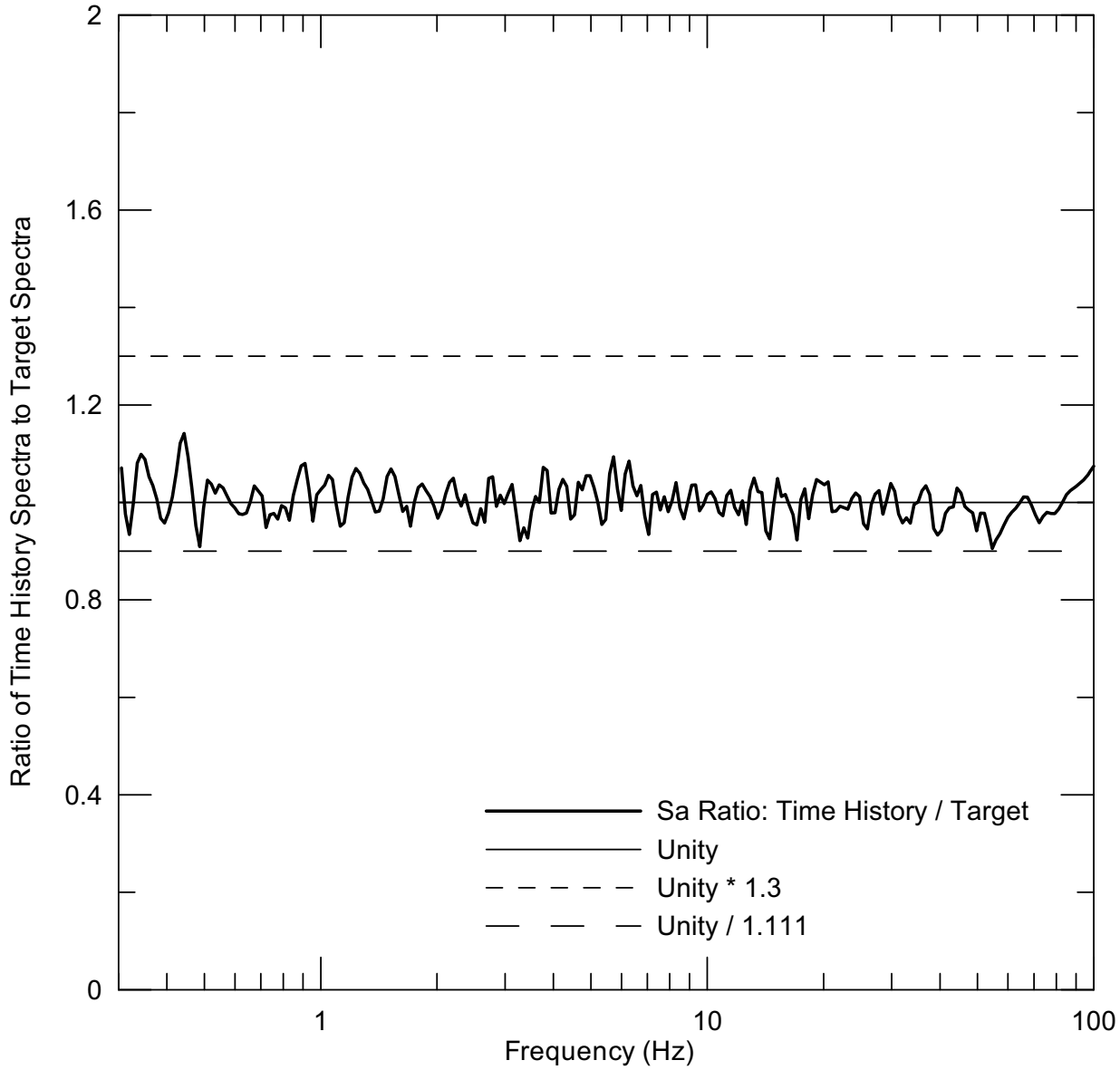
Source: Appendix D, Table D-1

Figure 6.5.2-176. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Vertical, Set 4



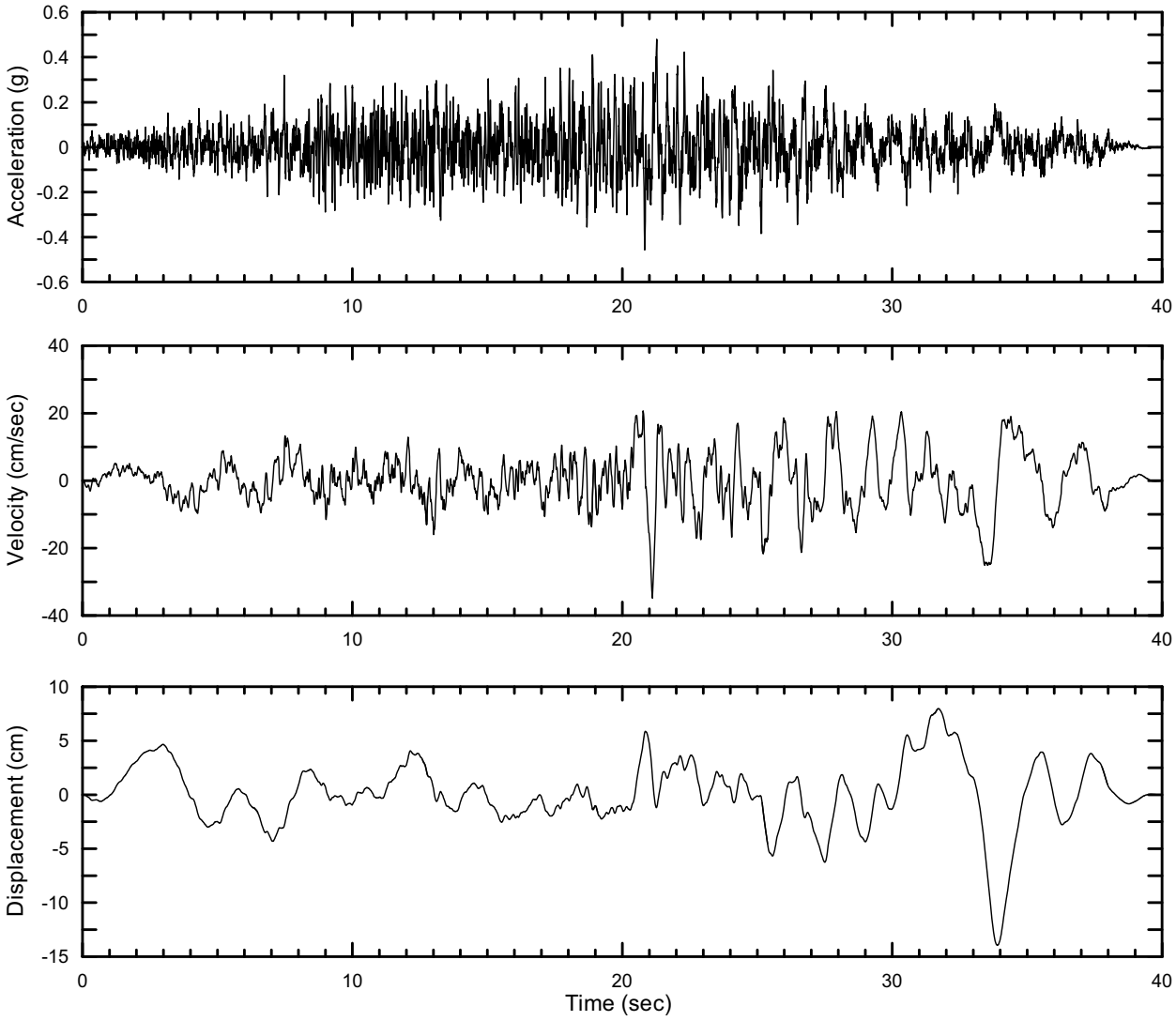
Source: Appendix D, Table D-1

Figure 6.5.2-177. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 1, Set 5



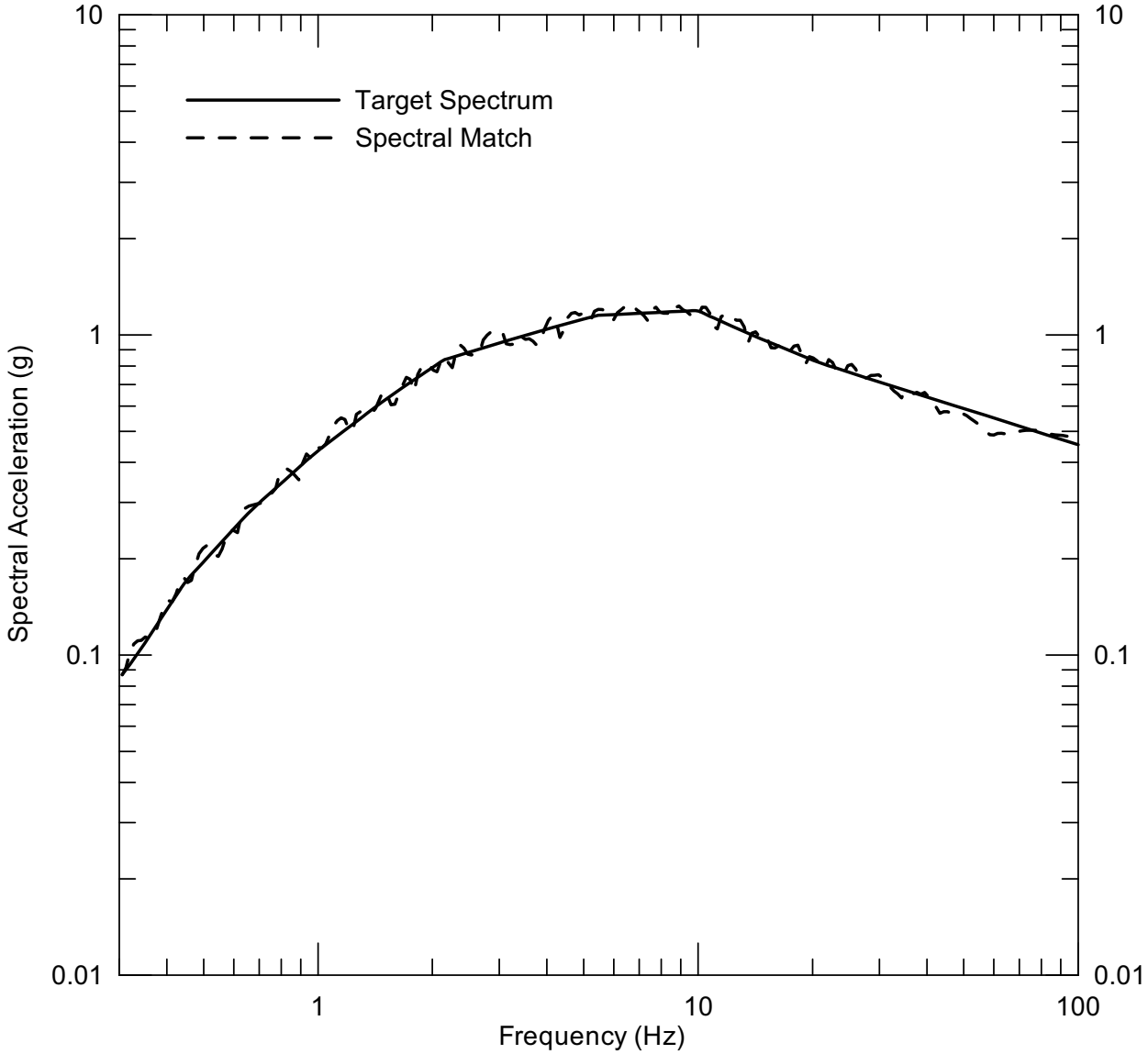
Source: Appendix D, Table D-1

Figure 6.5.2-178. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 1, Set 5



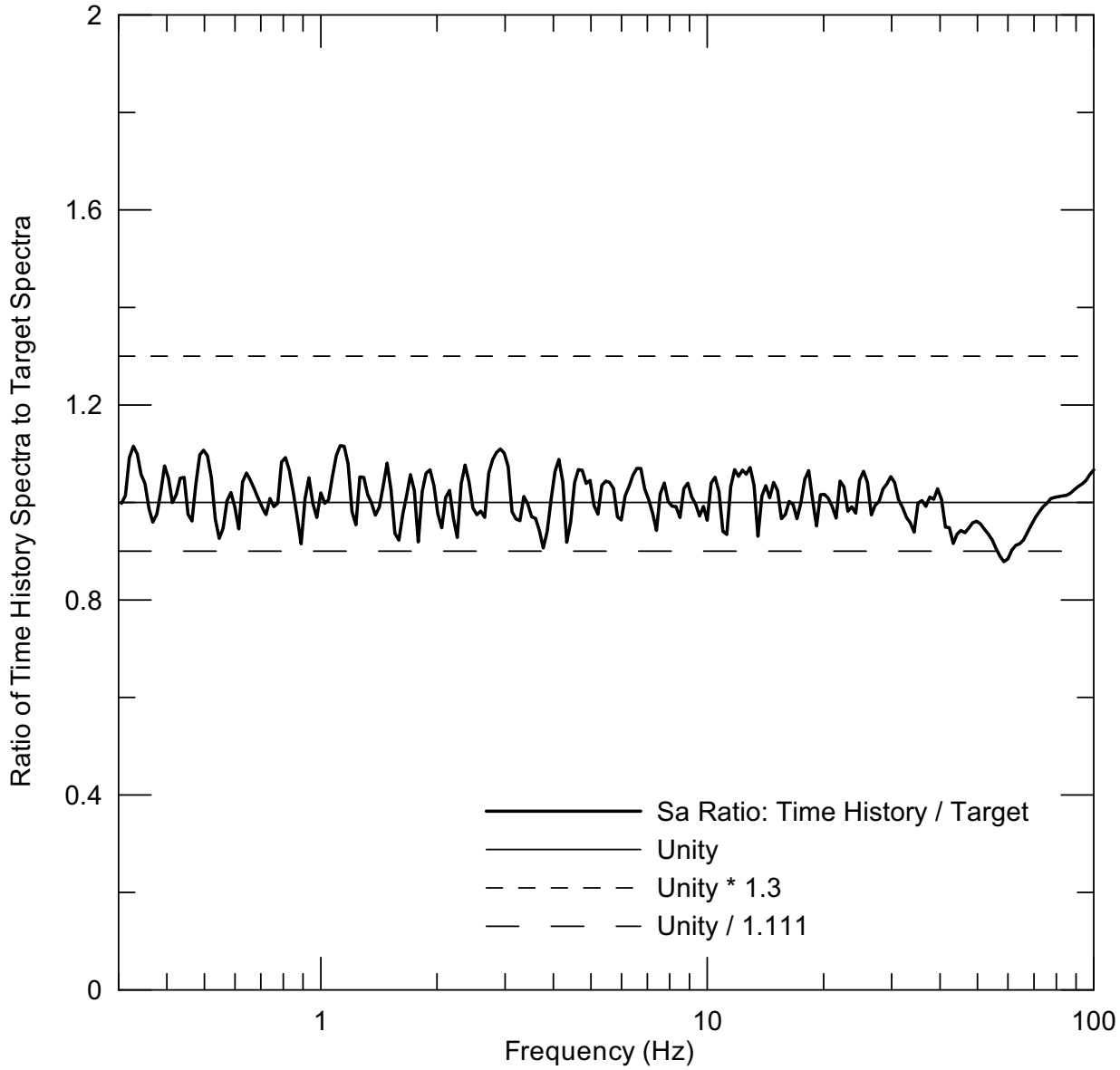
Source: Appendix D, Table D-1

Figure 6.5.2-179. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, $5x10^{-4}$ AFE, Horizontal 1, Set 5



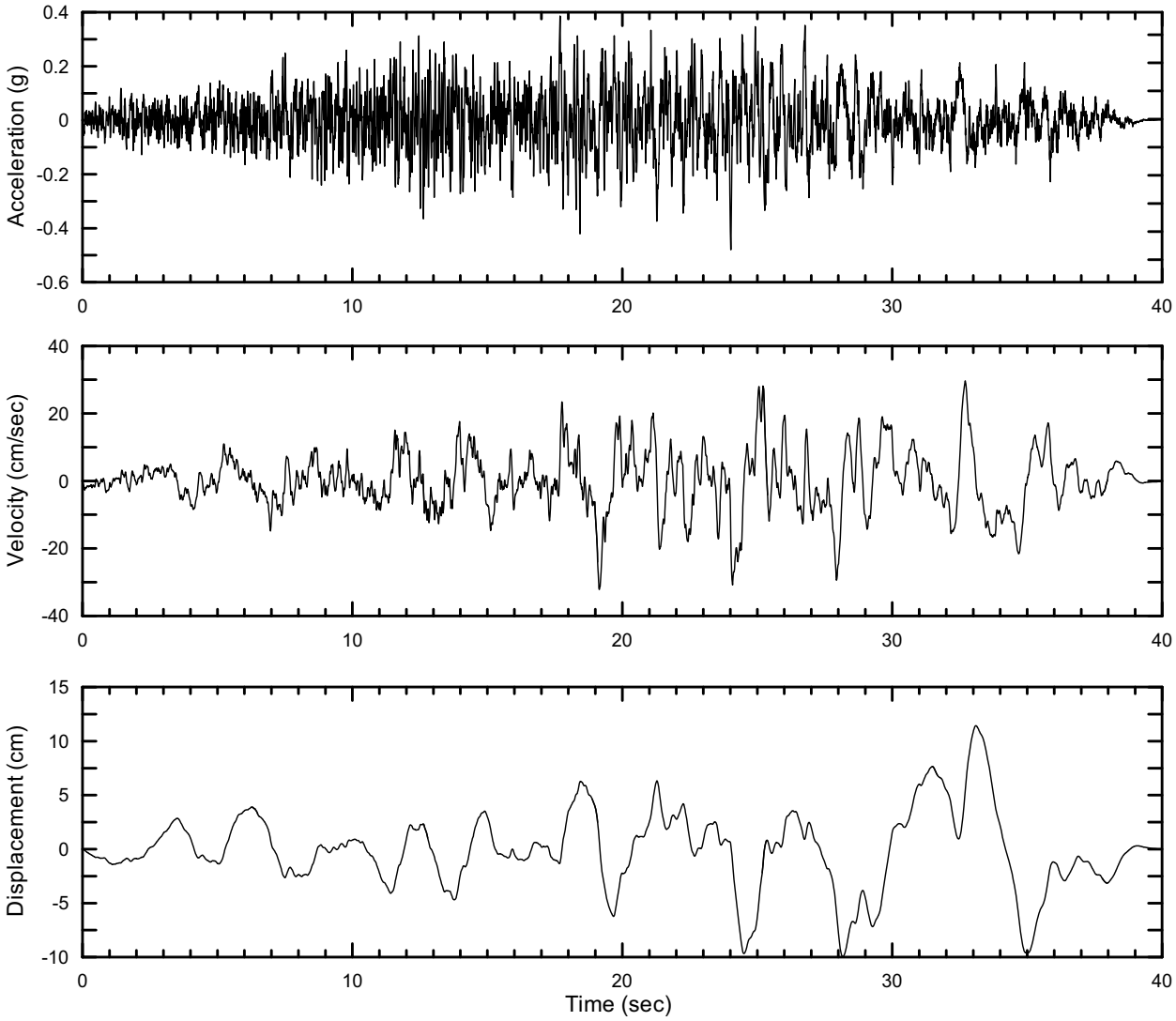
Source: Appendix D, Table D-1

Figure 6.5.2-180. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Horizontal 2, Set 5



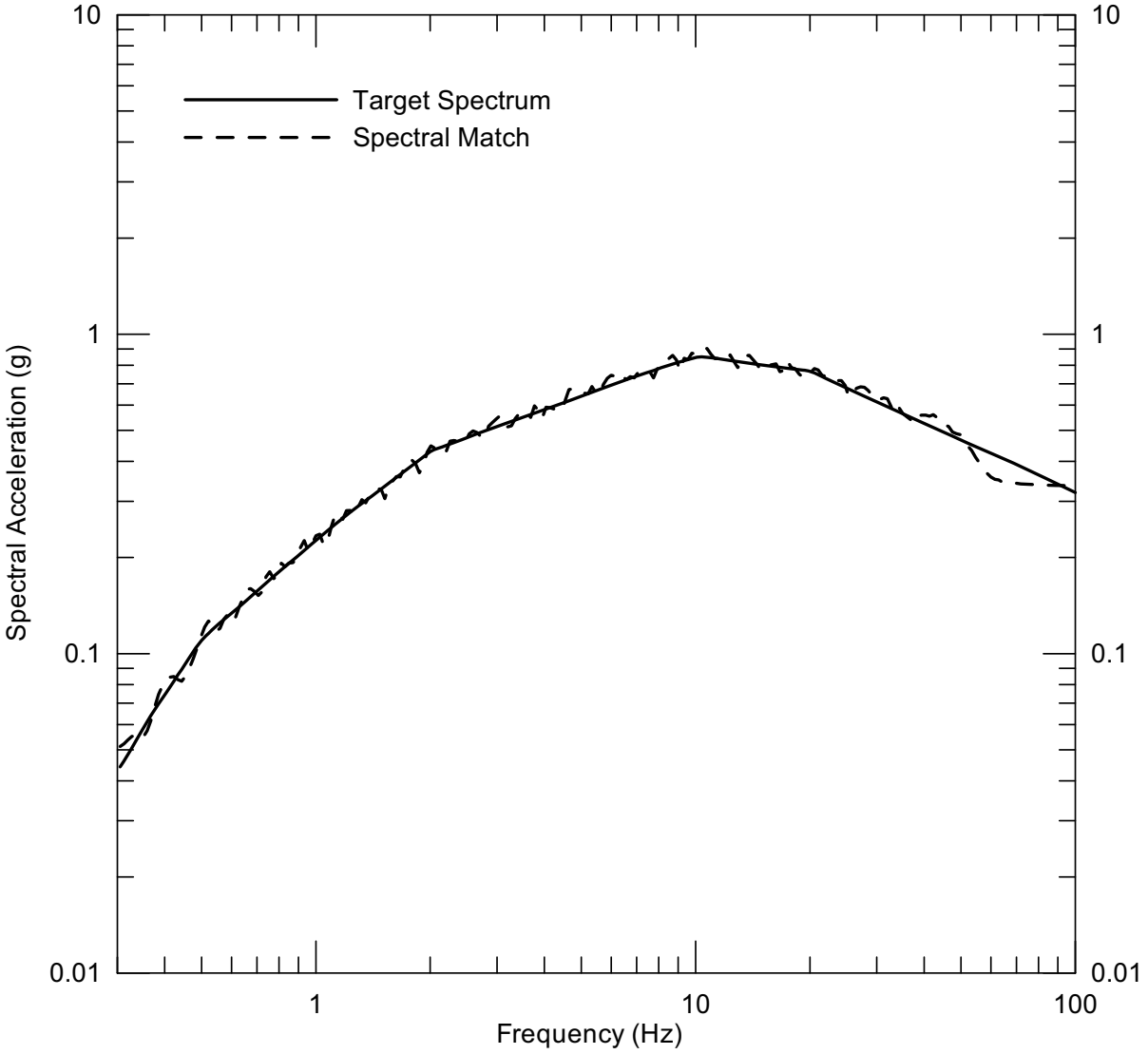
Source: Appendix D, Table D-1

Figure 6.5.2-181. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Horizontal 2, Set 5



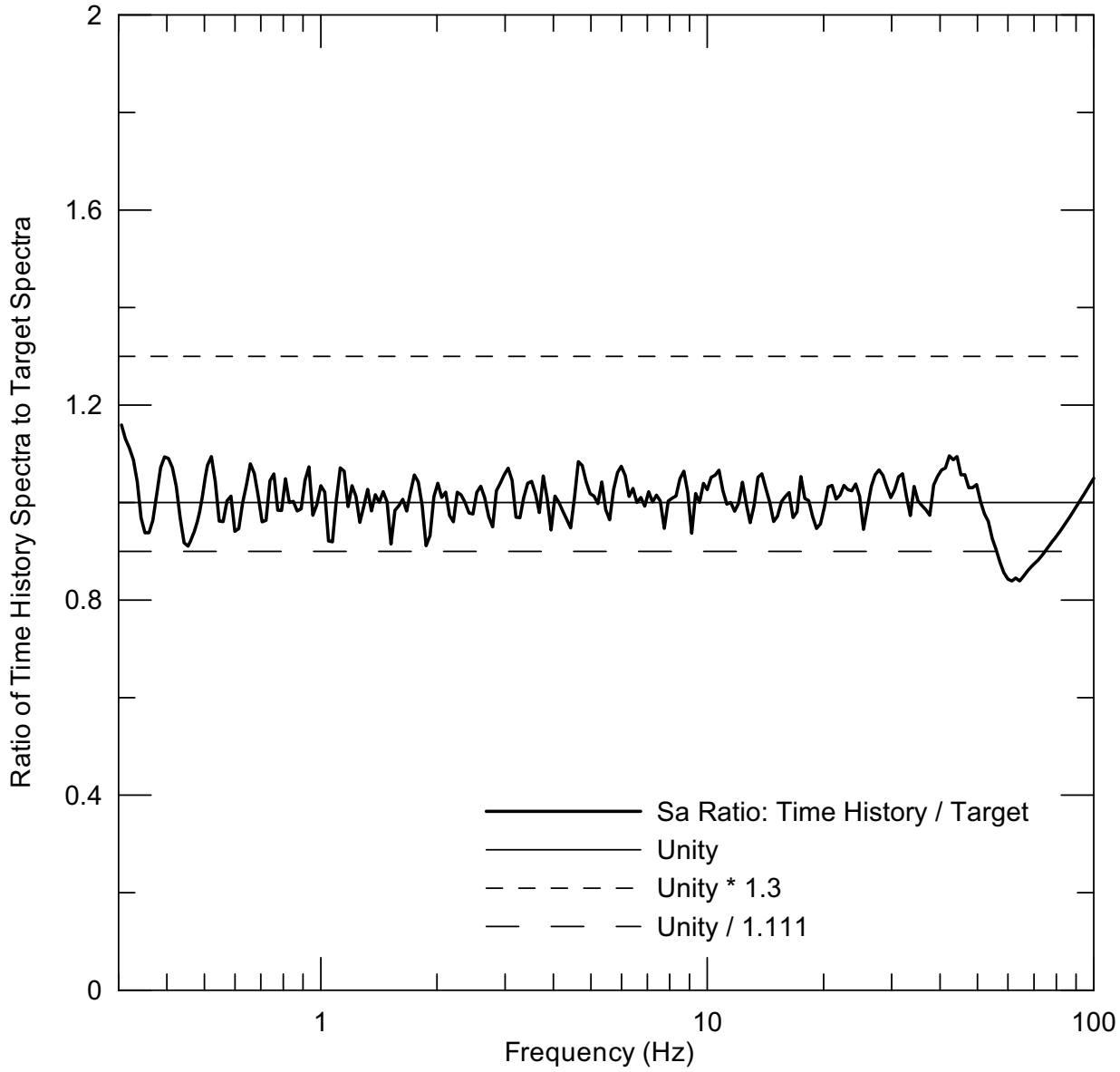
Source: Appendix D, Table D-1

Figure 6.5.2-182. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, $5x10^{-4}$ AFE, Horizontal 2, Set 5



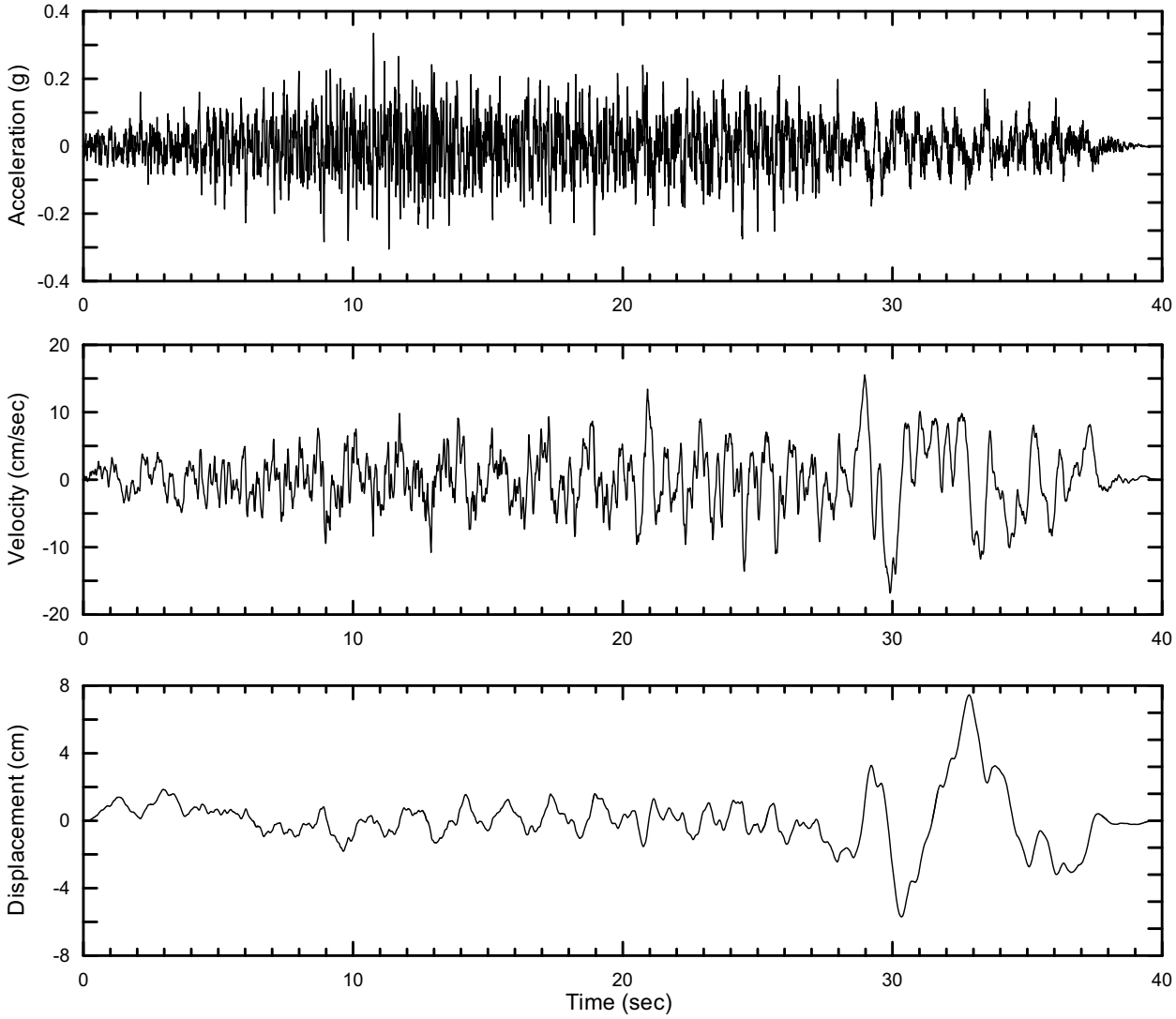
Source: Appendix D, Table D-1

Figure 6.5.2-183. Spectral Match to SFA Design Spectrum at 5×10^{-4} AFE, Vertical, Set 5



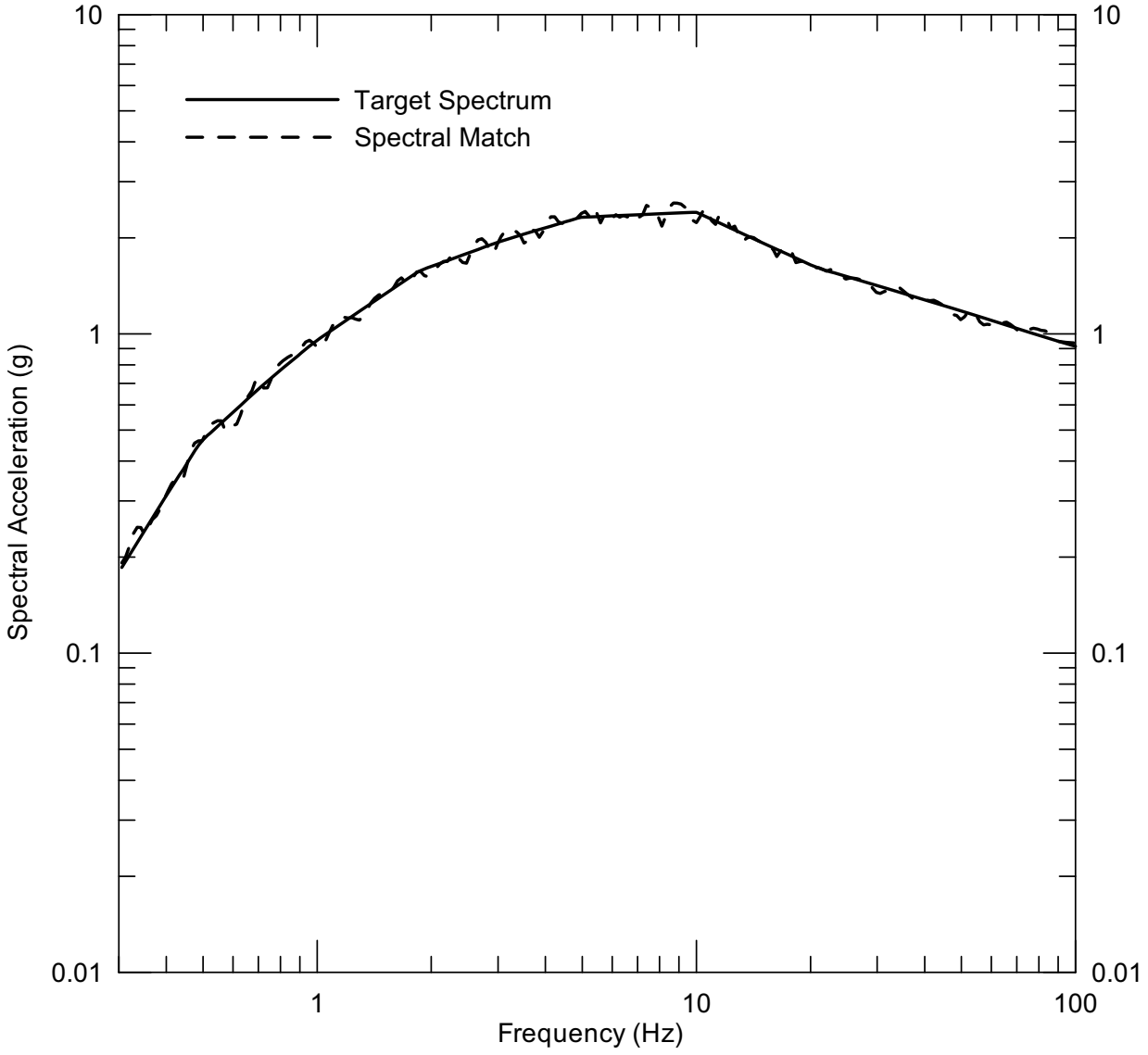
Source: Appendix D, Table D-1

Figure 6.5.2-184. Ratio of SFA Design Spectrum to Spectral Match at 5×10^{-4} AFE, Vertical, Set 5



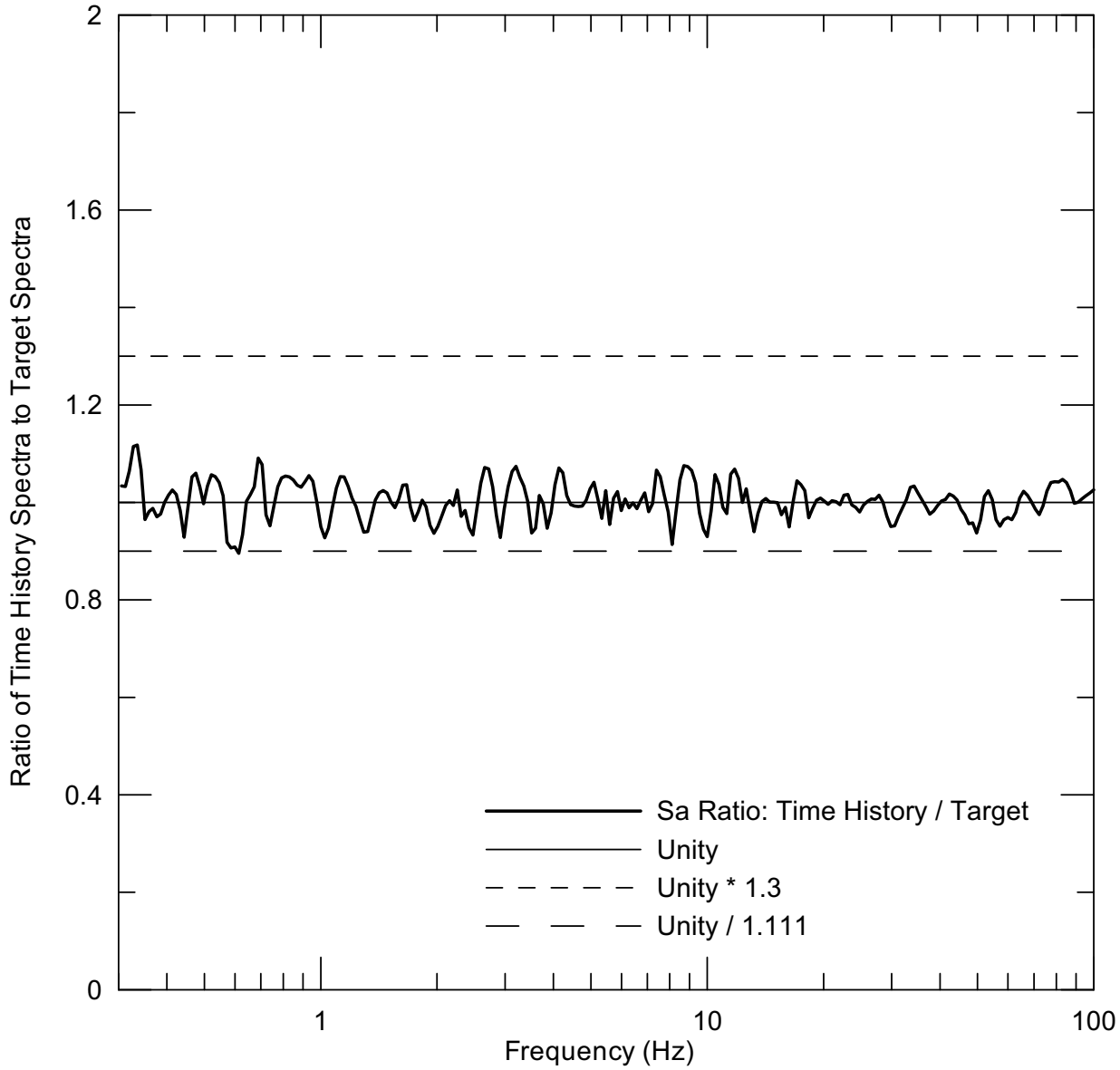
Source: Appendix D, Table D-1

Figure 6.5.2-185. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 5×10^{-4} AFE, Vertical, Set 5



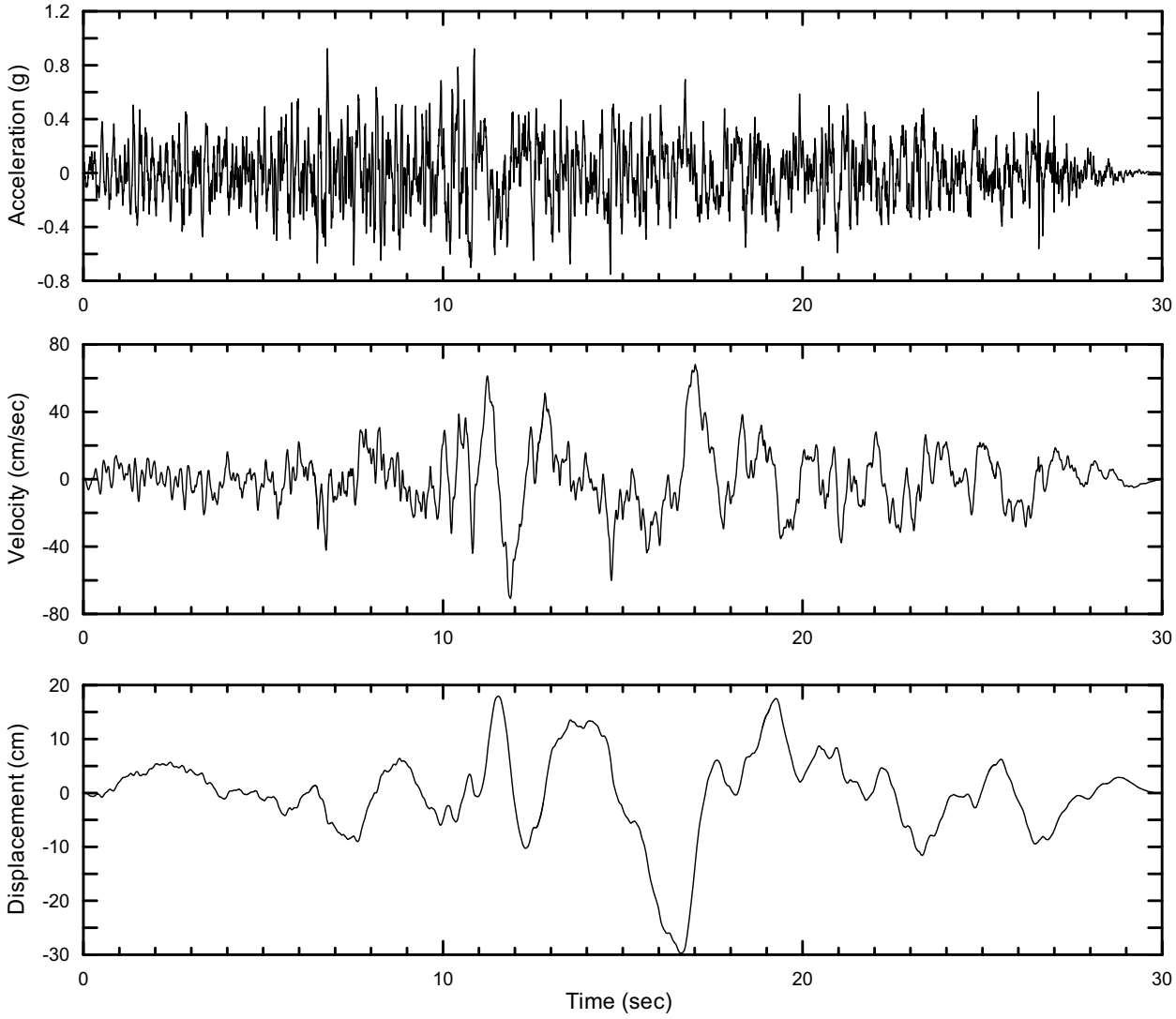
Source: Appendix D, Table D-1

Figure 6.5.2-186. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 1, Set 1



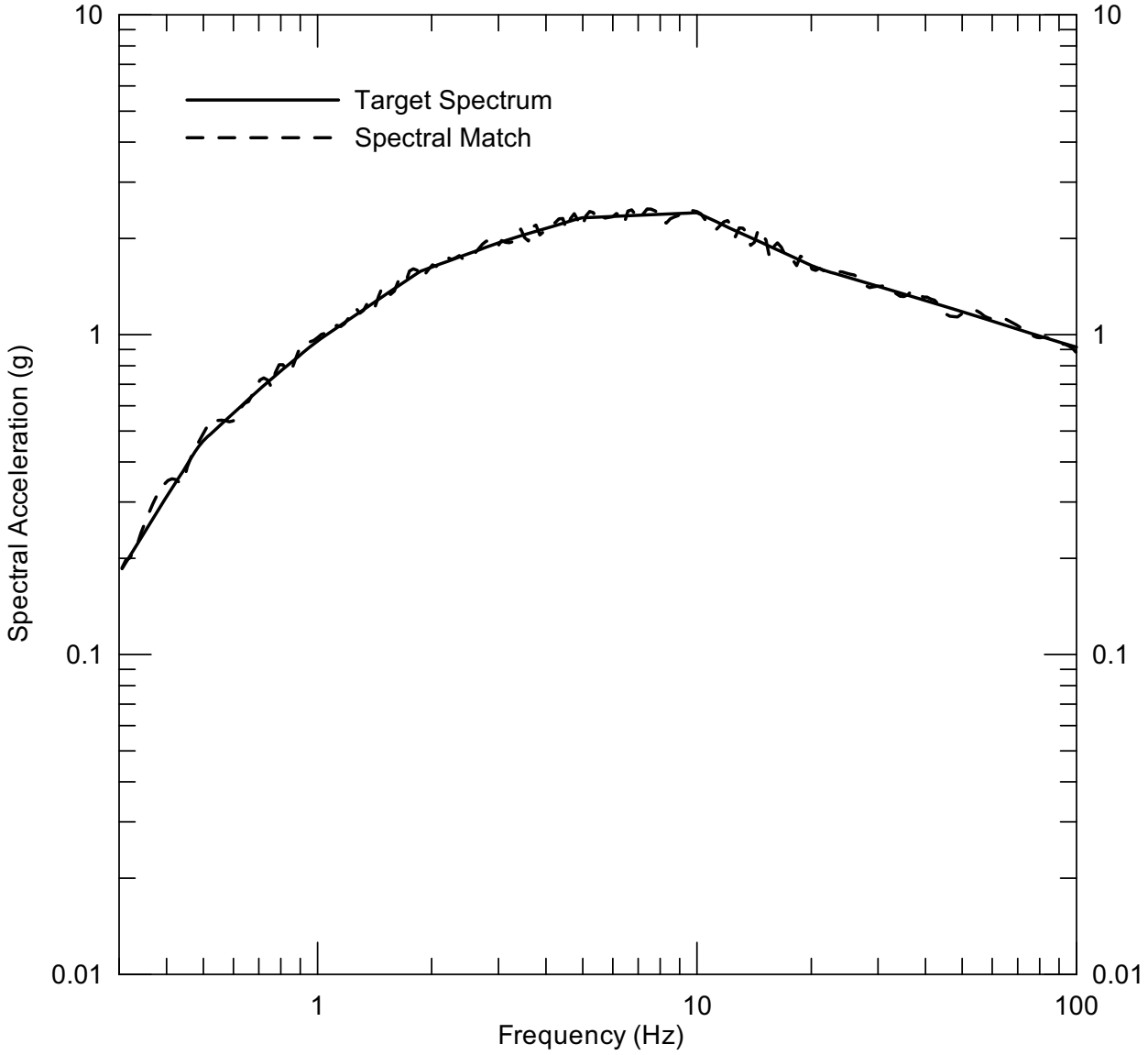
Source: Appendix D, Table D-1

Figure 6.5.2-187. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 1, Set 1



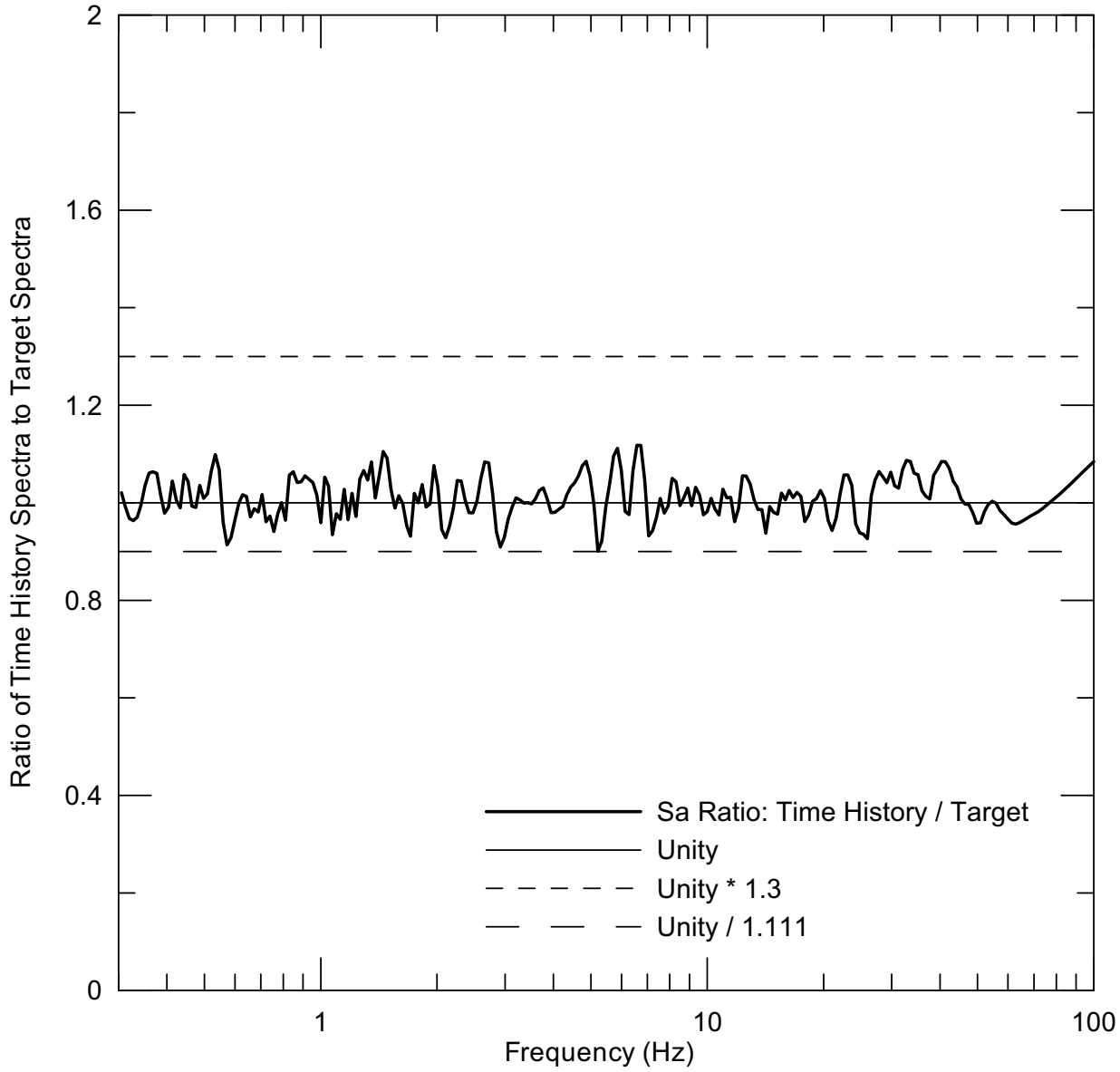
Source: Appendix D, Table D-1

Figure 6.5.2-188. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 1, Set 1



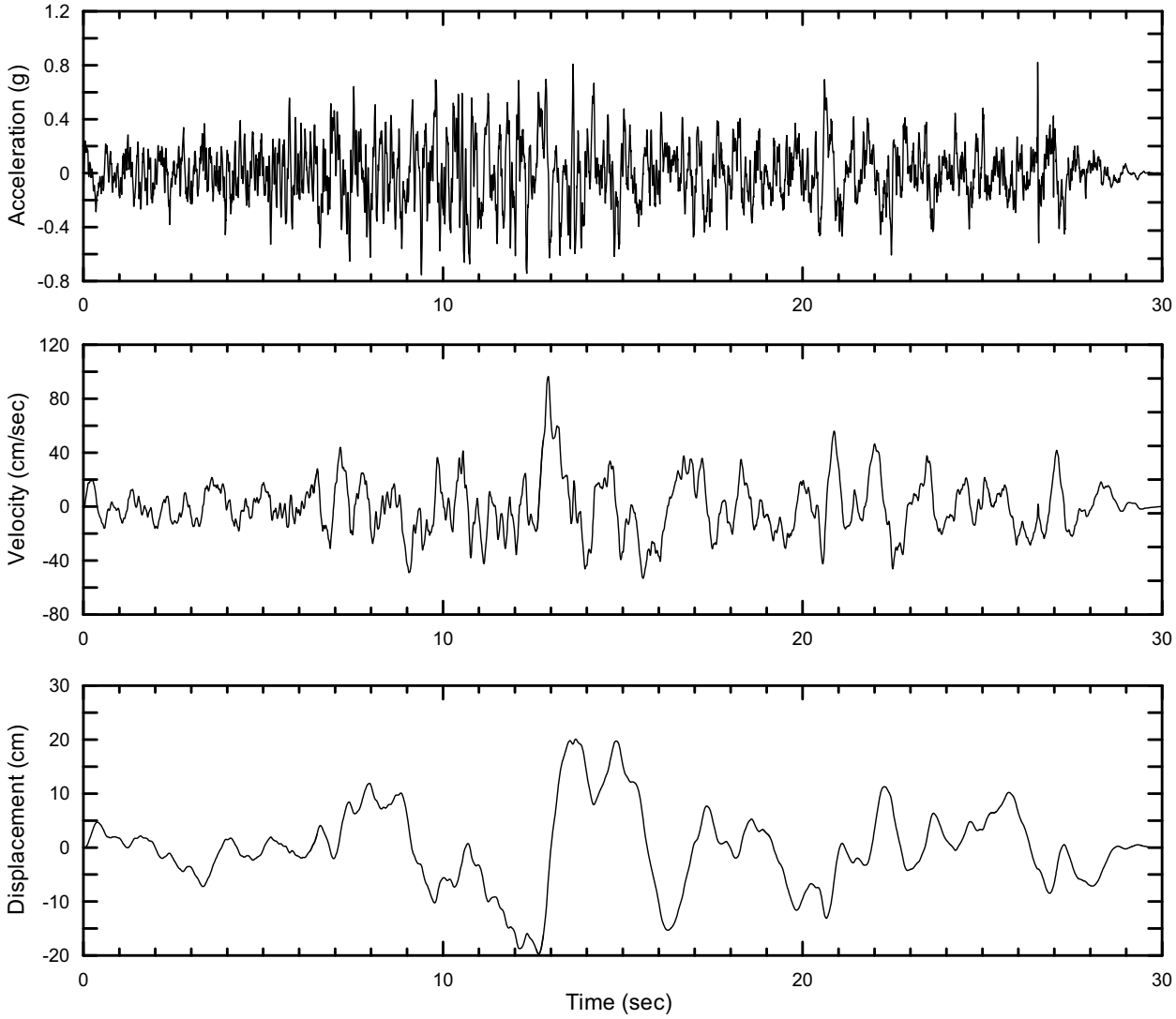
Source: Appendix D, Table D-1

Figure 6.5.2-189. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 2, Set 1



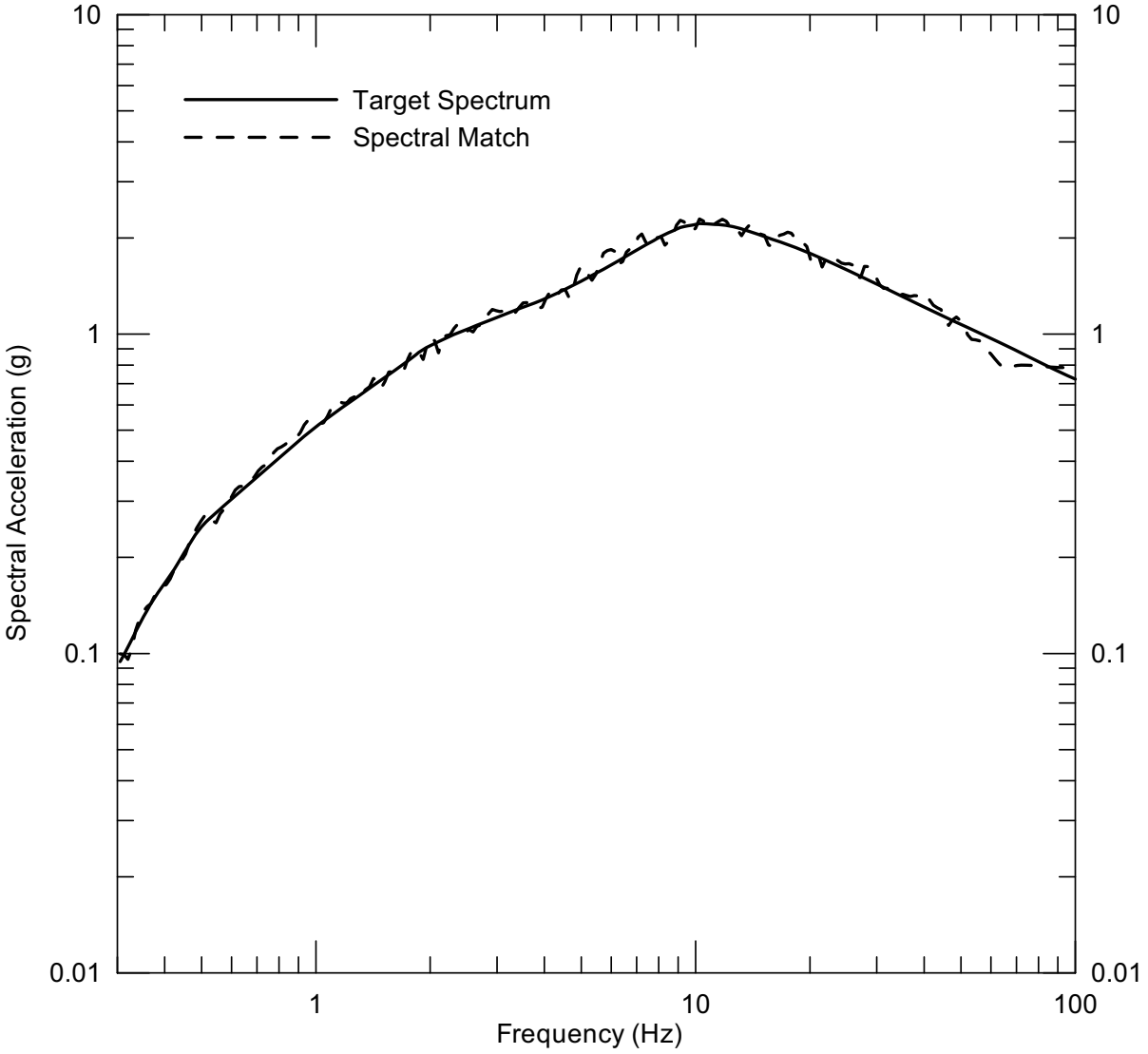
Source: Appendix D, Table D-1

Figure 6.5.2-190. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 2, Set 1



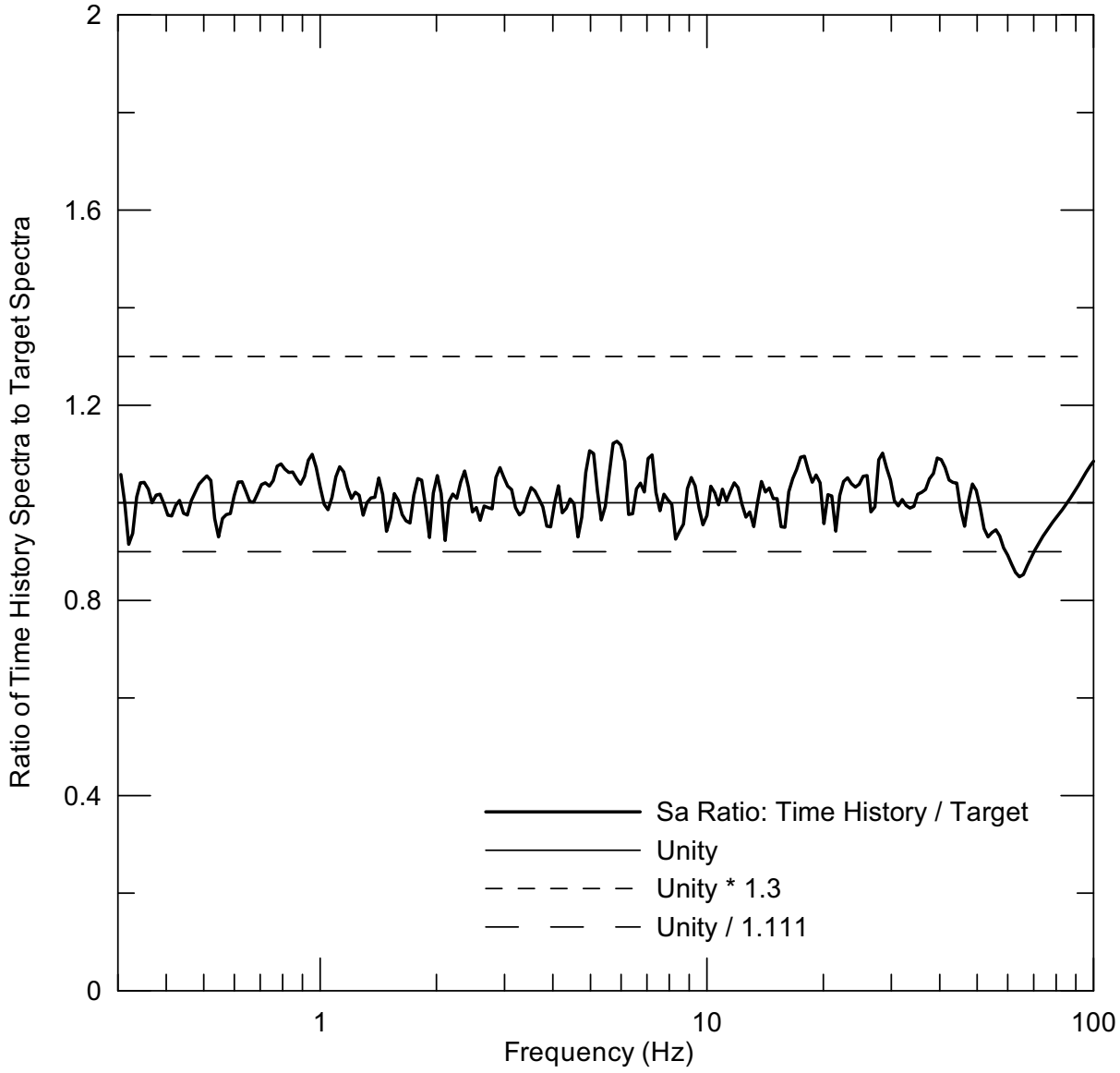
Source: Appendix D, Table D-1

Figure 6.5.2-191. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 2, Set 1



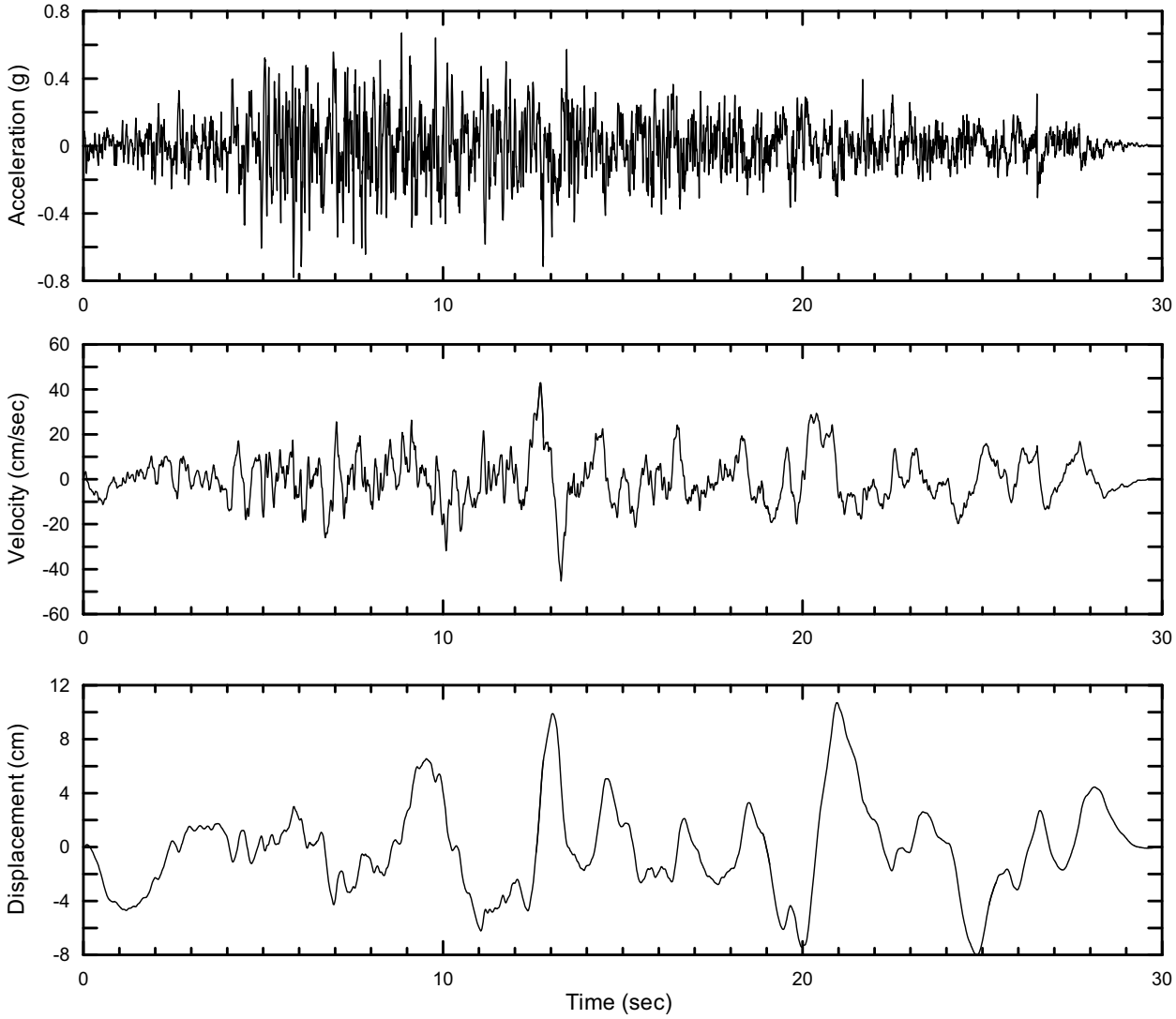
Source: Appendix D, Table D-1

Figure 6.5.2-192. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Vertical, Set 1



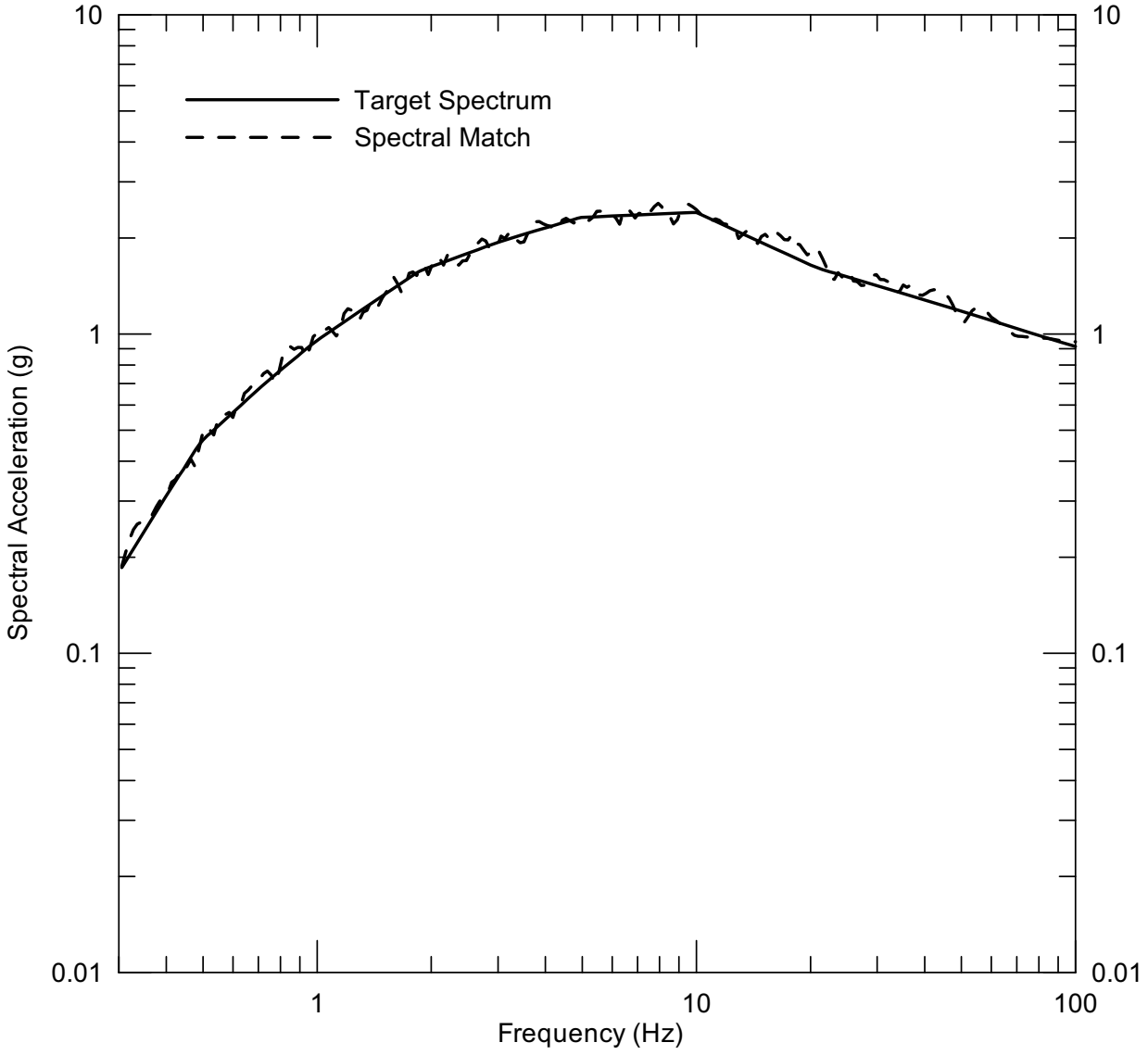
Source: Appendix D, Table D-1

Figure 6.5.2-193. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Vertical, Set 1



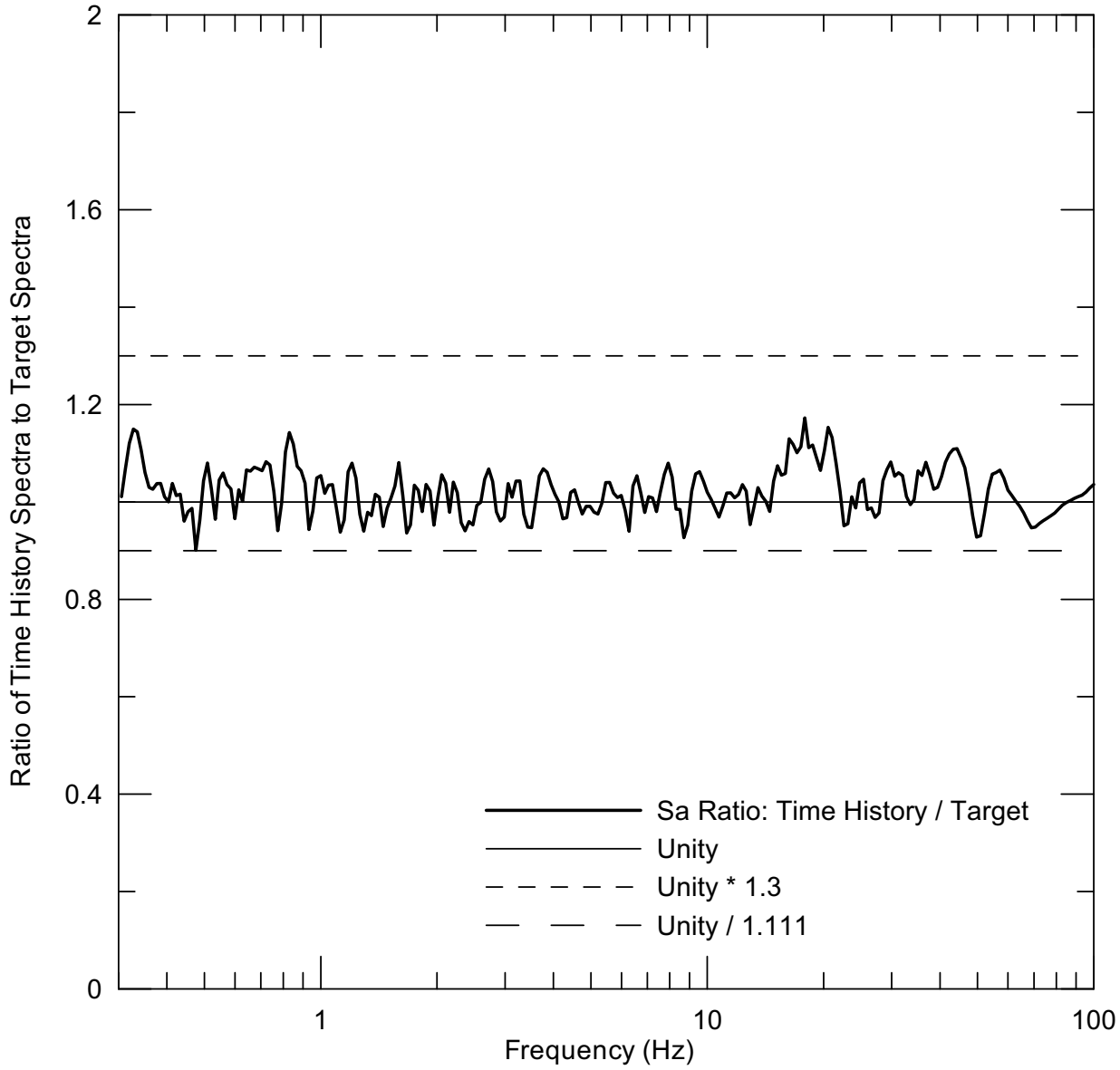
Source: Appendix D, Table D-1

Figure 6.5.2-194. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Vertical, Set 1



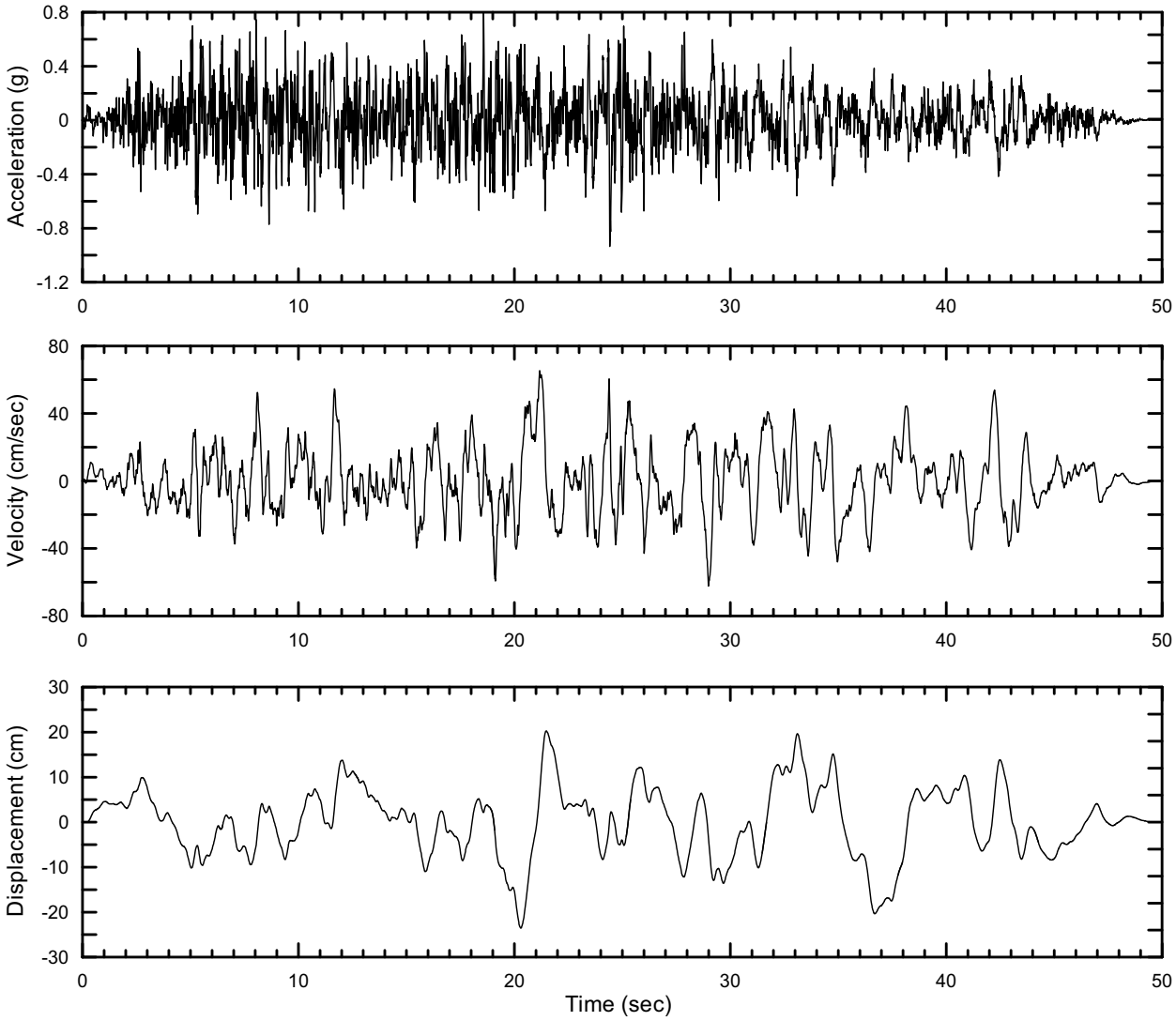
Source: Appendix D, Table D-1

Figure 6.5.2-195. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 1, Set 2



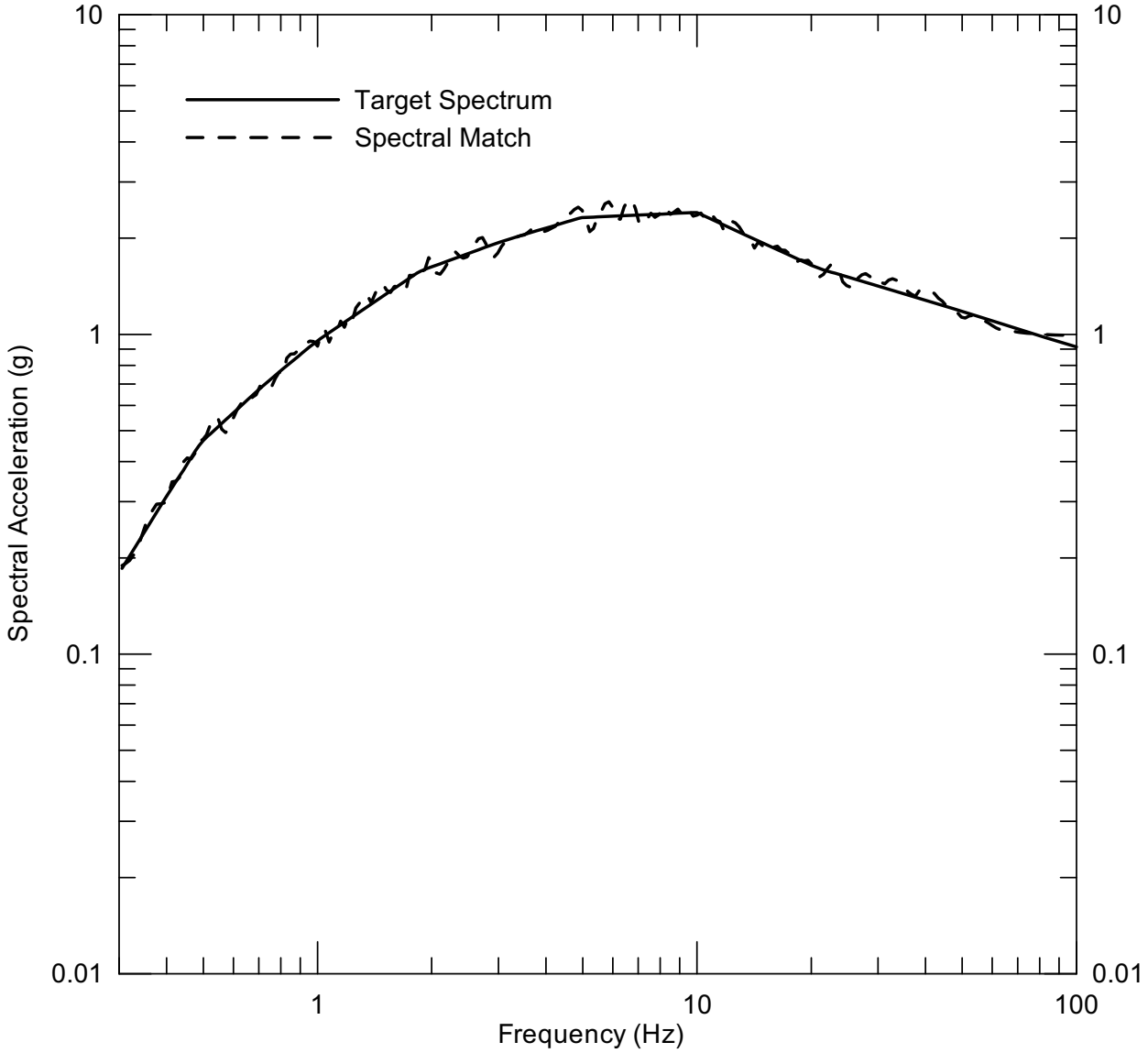
Source: Appendix D, Table D-1

Figure 6.5.2-196. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 1, Set 2



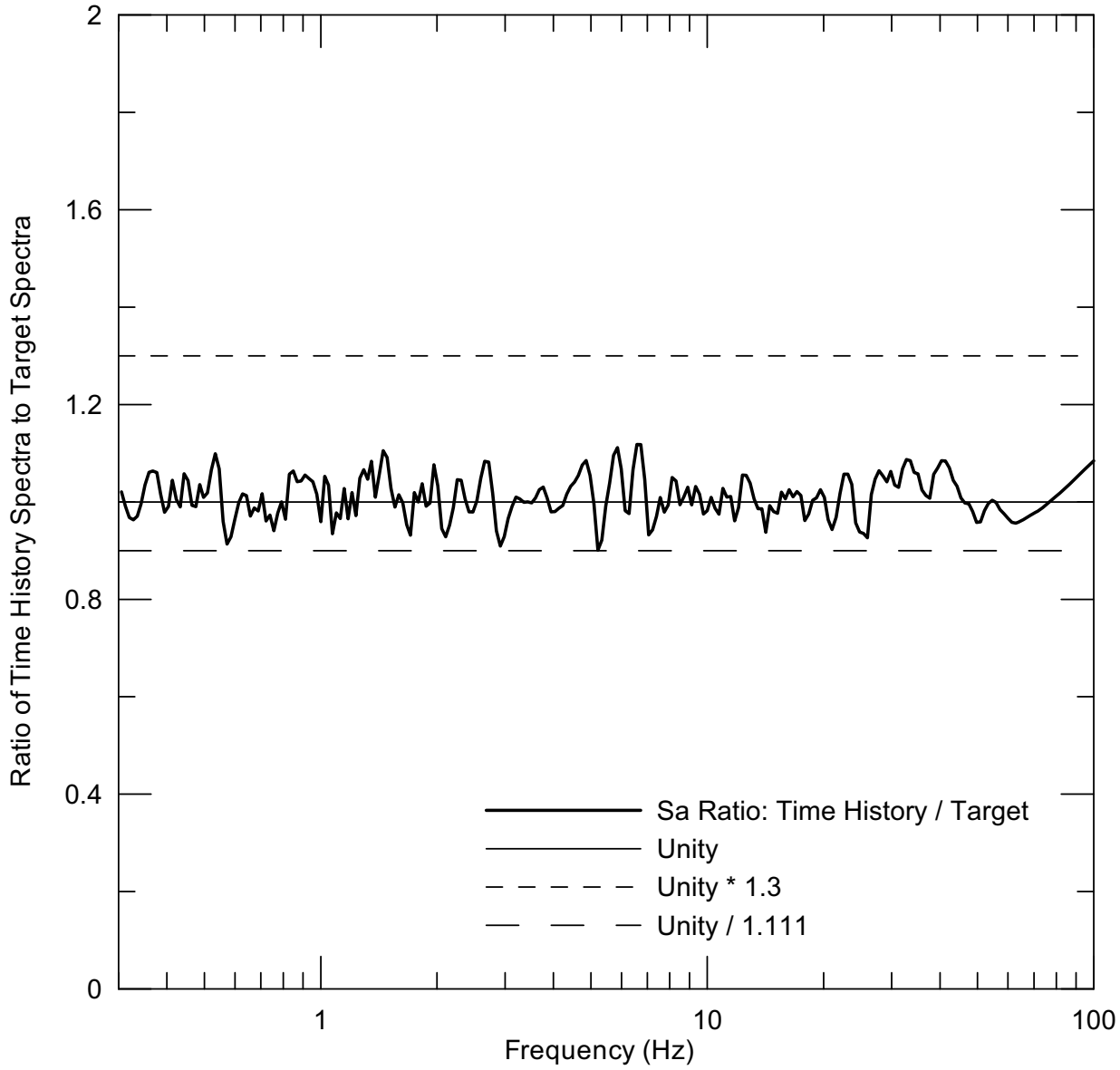
Source: Appendix D, Table D-1

Figure 6.5.2-197. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 1, Set 2



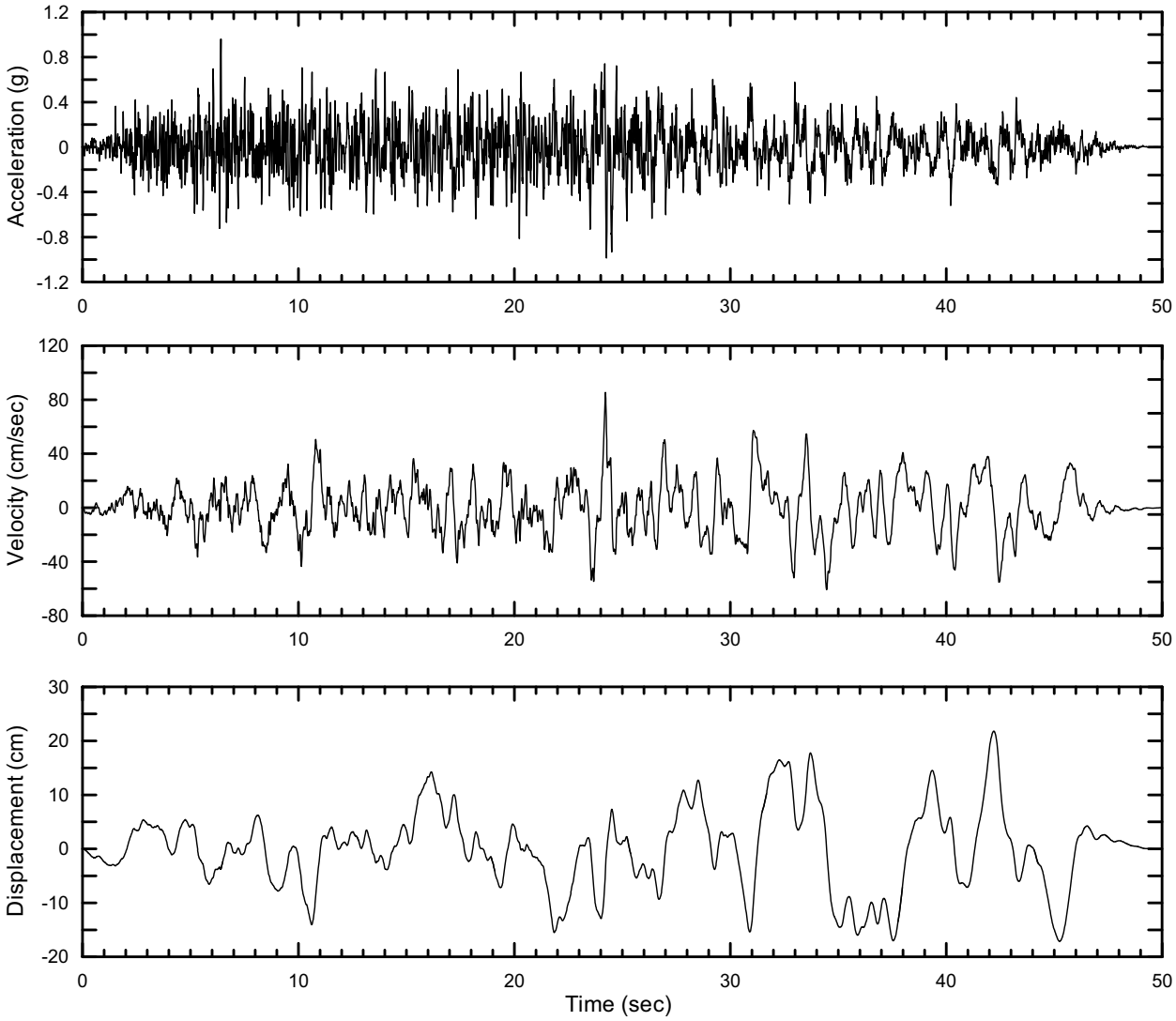
Source: Appendix D, Table D-1

Figure 6.5.2-198. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 2, Set 2



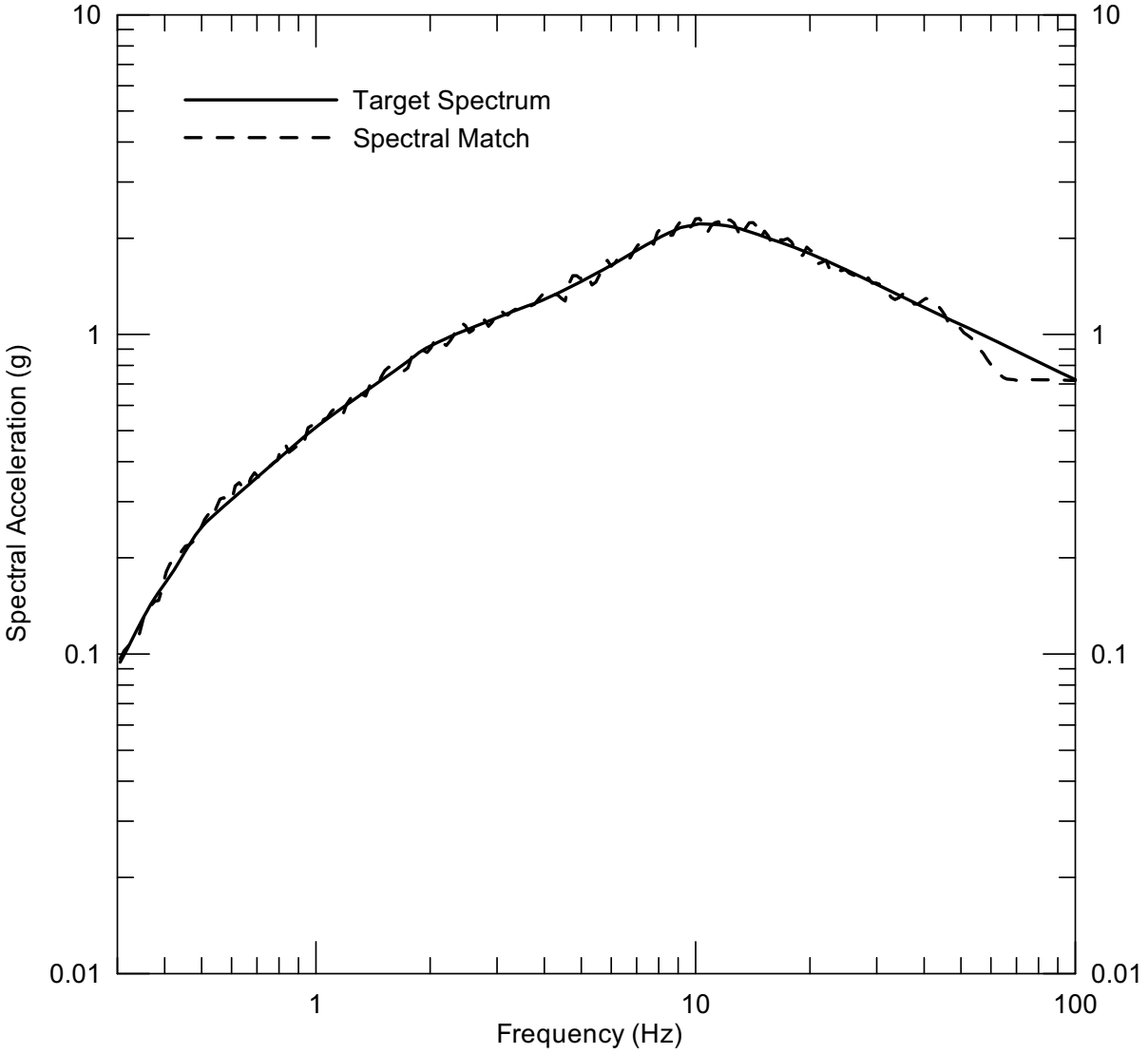
Source: Appendix D, Table D-1

Figure 6.5.2-199. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 2, Set 2



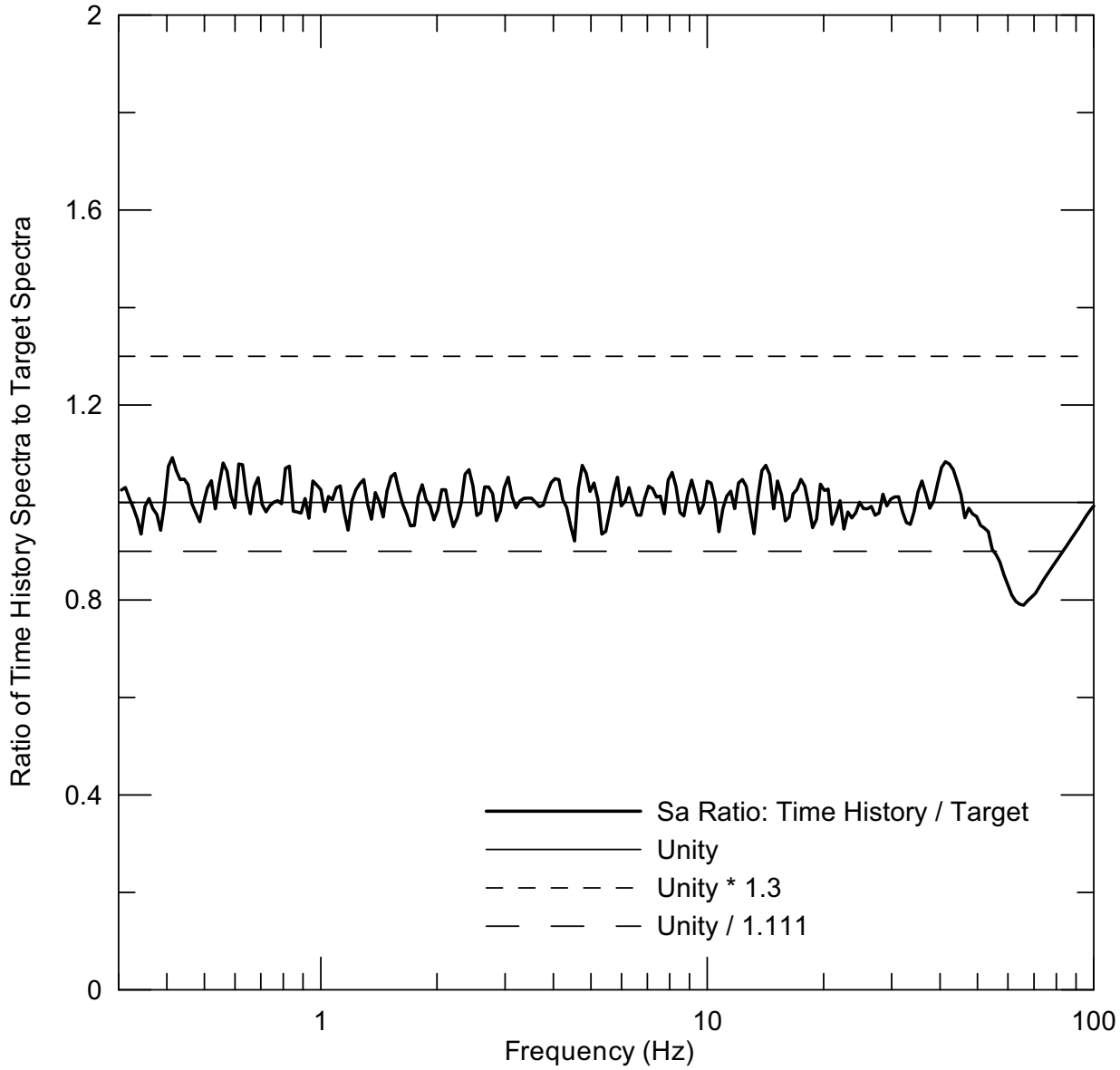
Source: Appendix D, Table D-1

Figure 6.5.2-200. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 2, Set 2



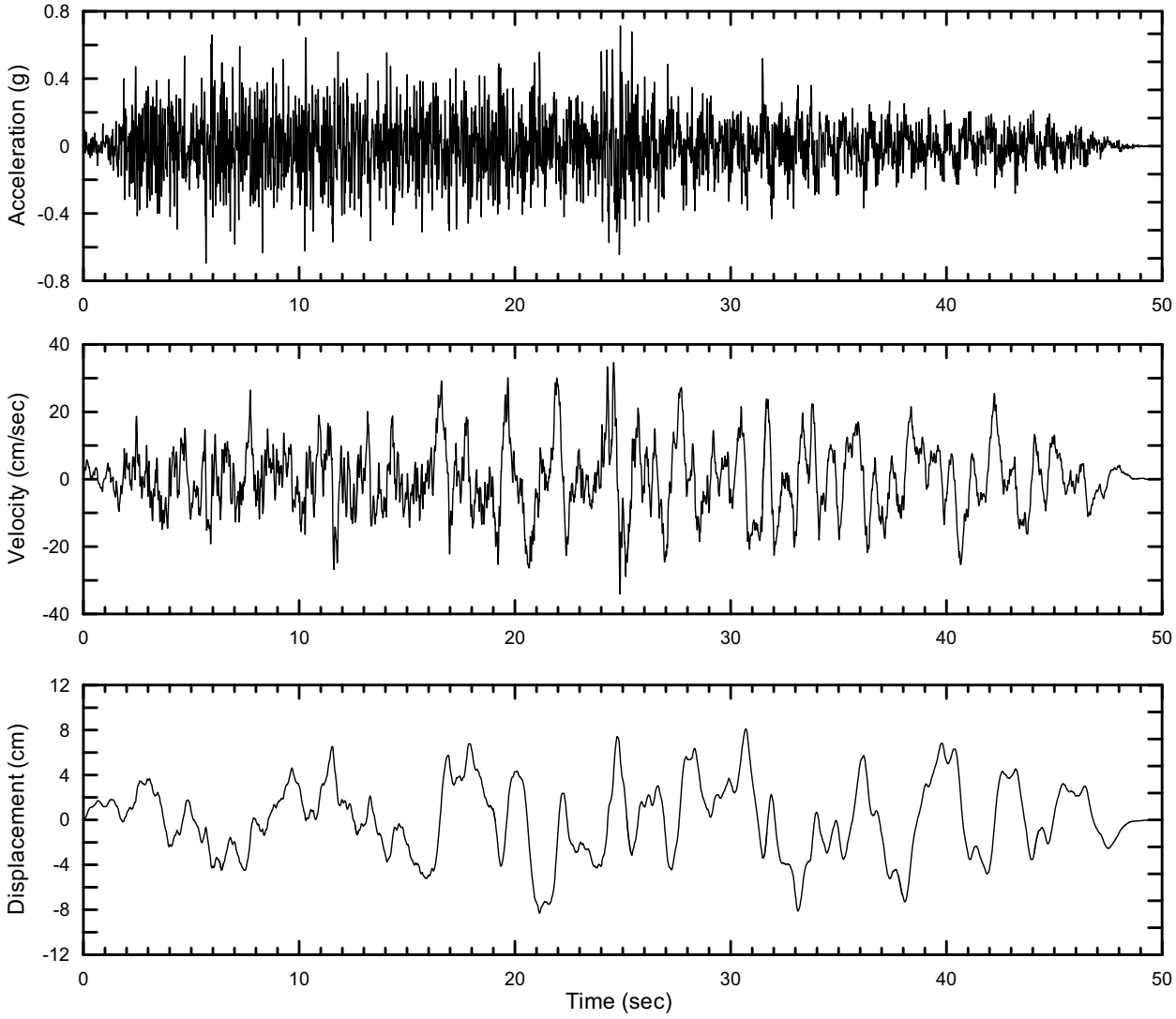
Source: Appendix D, Table D-1

Figure 6.5.2-201. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Vertical, Set 2



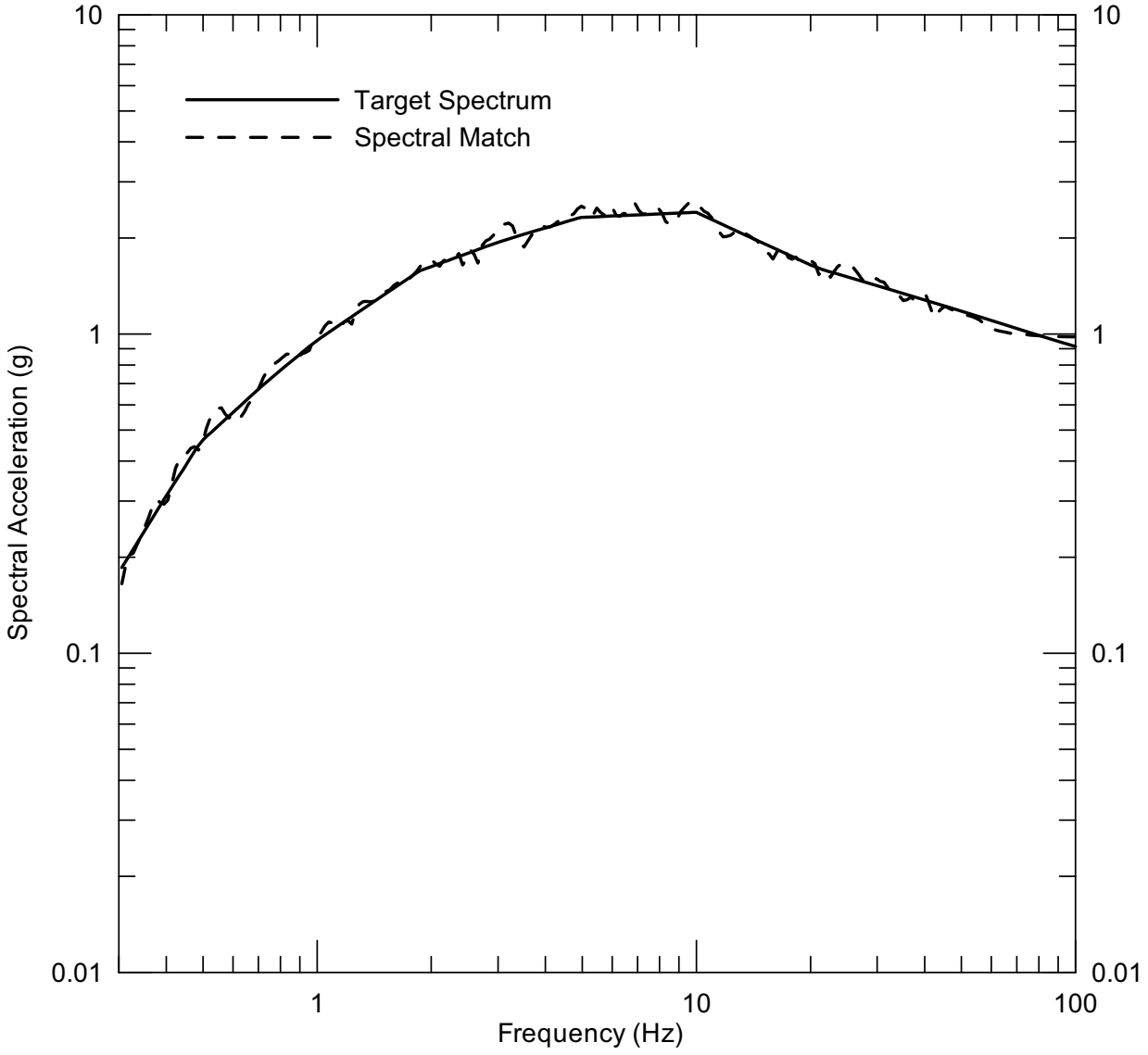
Source: Appendix D, Table D-1

Figure 6.5.2-202. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Vertical, Set 2



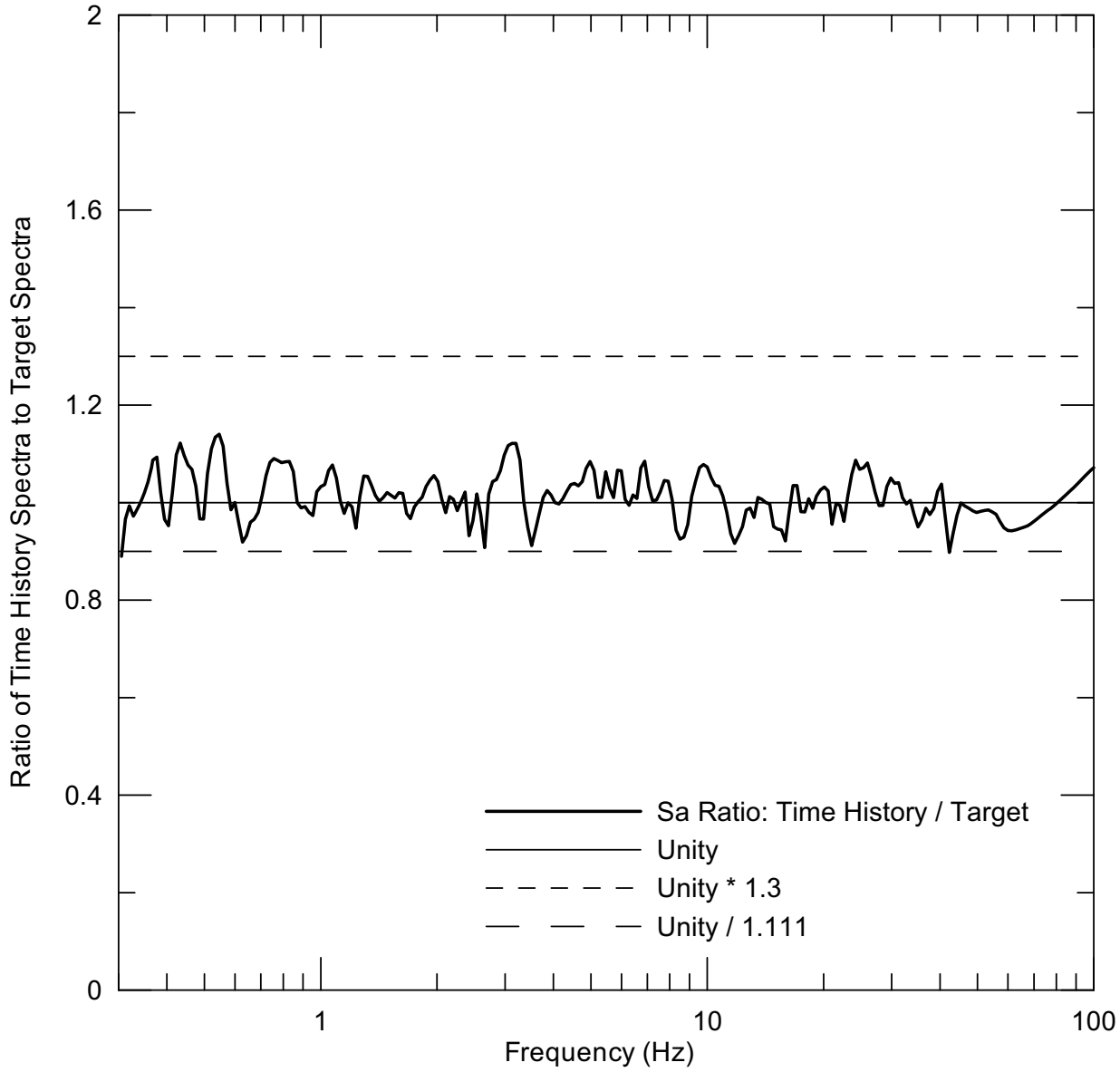
Source: Appendix D, Table D-1

Figure 6.5.2-203. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Vertical, Set 2



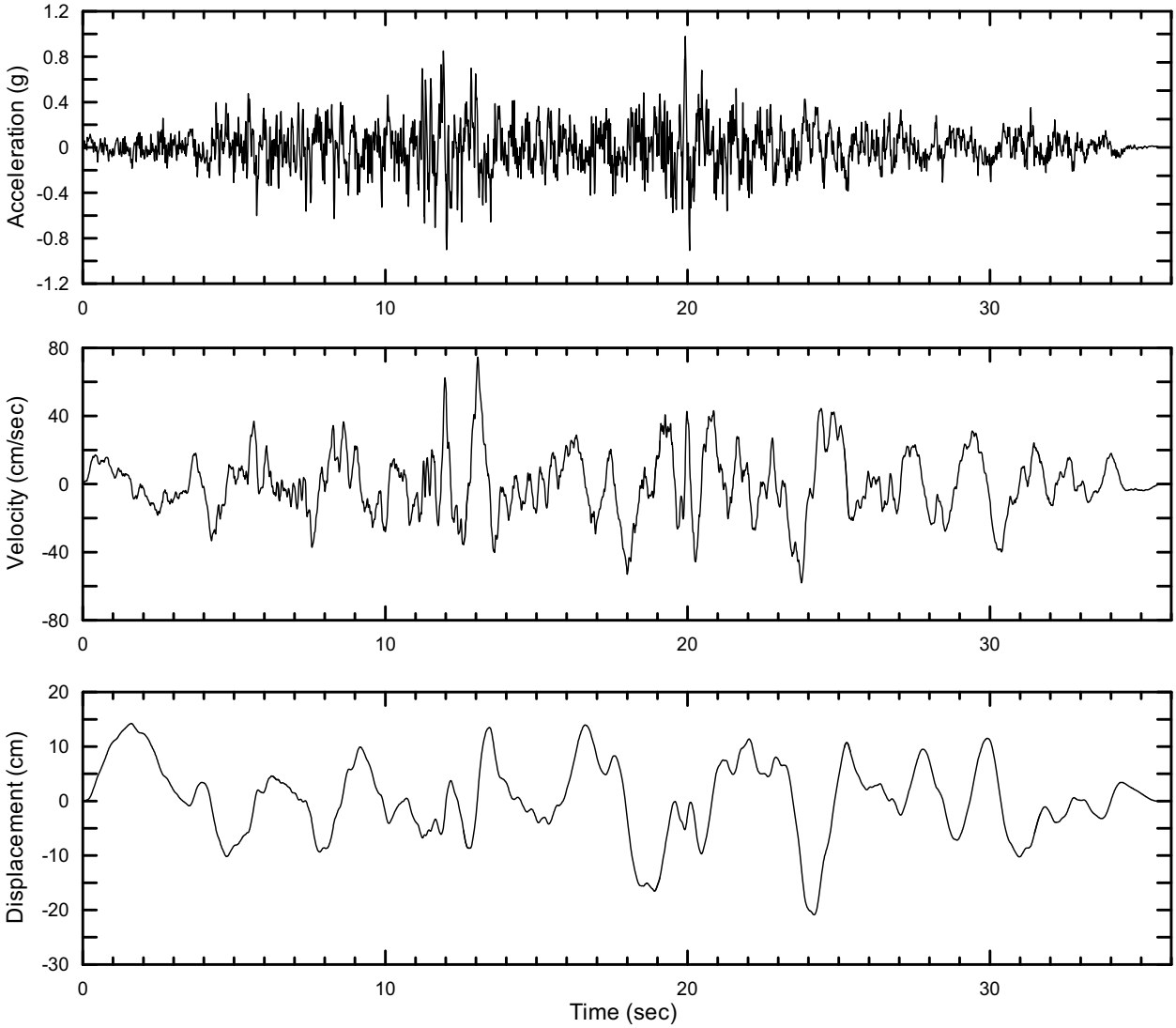
Source: Appendix D, Table D-1

Figure 6.5.2-204. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 1, Set 3



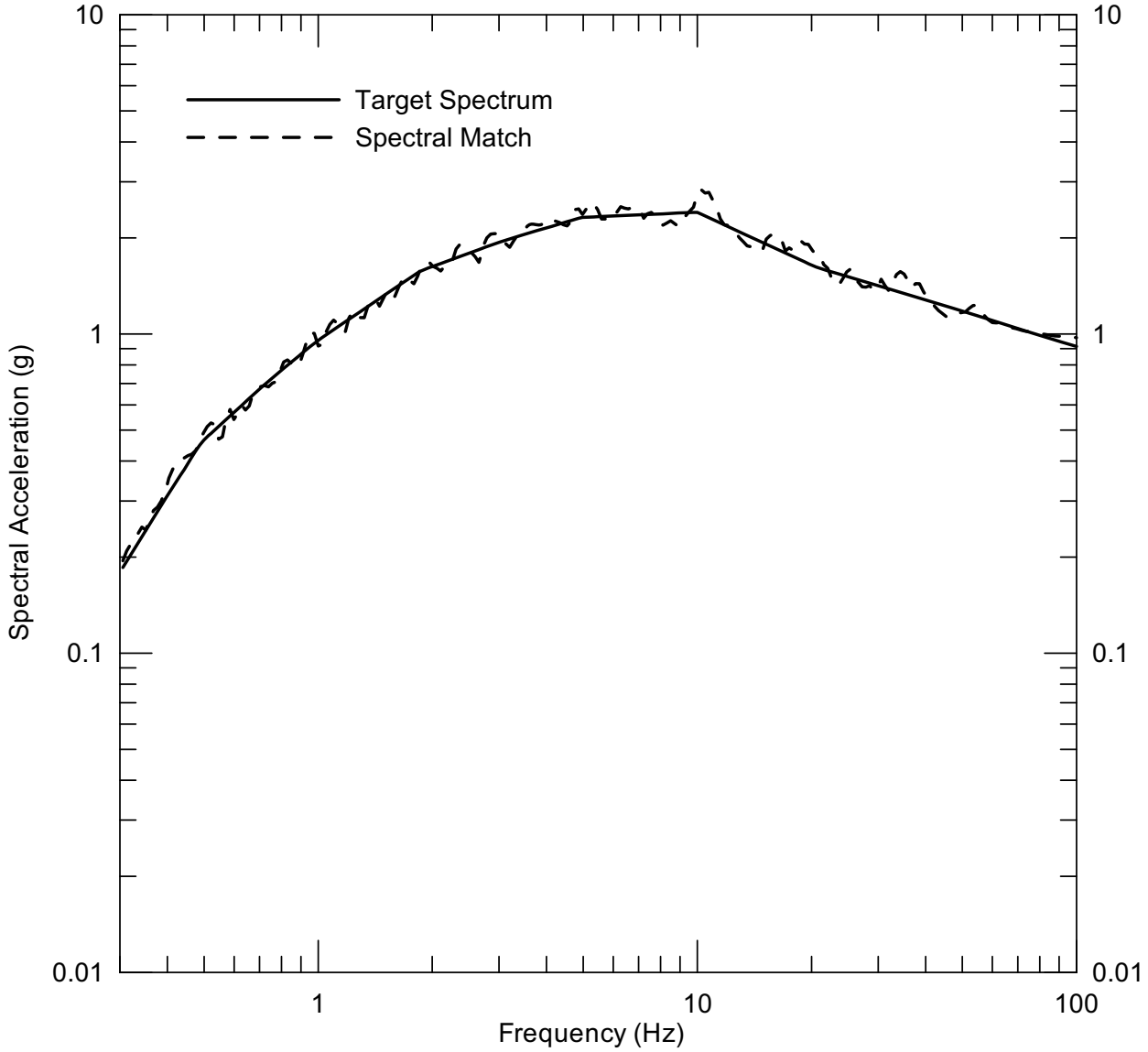
Source: Appendix D, Table D-1

Figure 6.5.2-205. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 1, Set 3



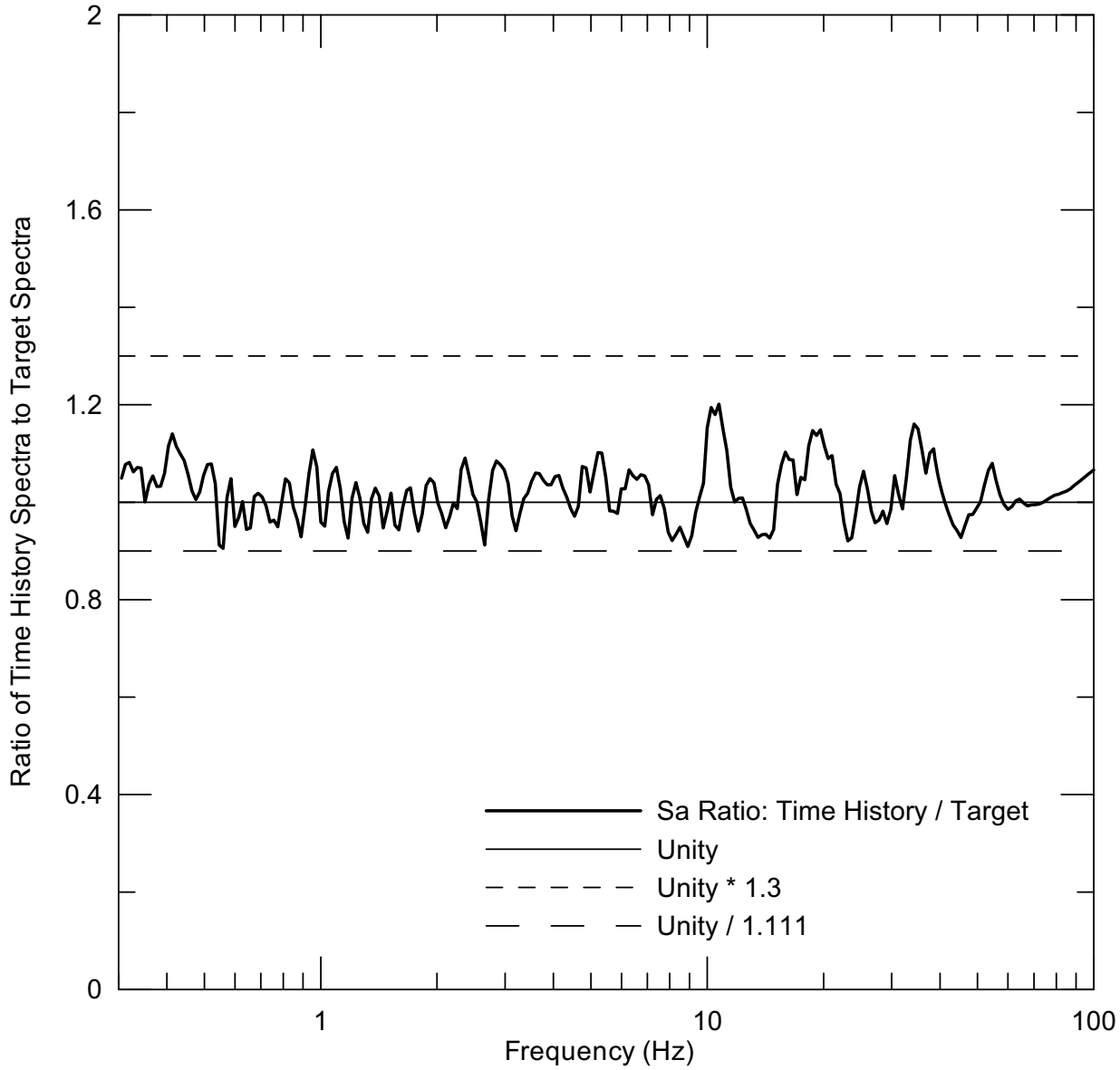
Source: Appendix D, Table D-1

Figure 6.5.2-206. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 1, Set 3



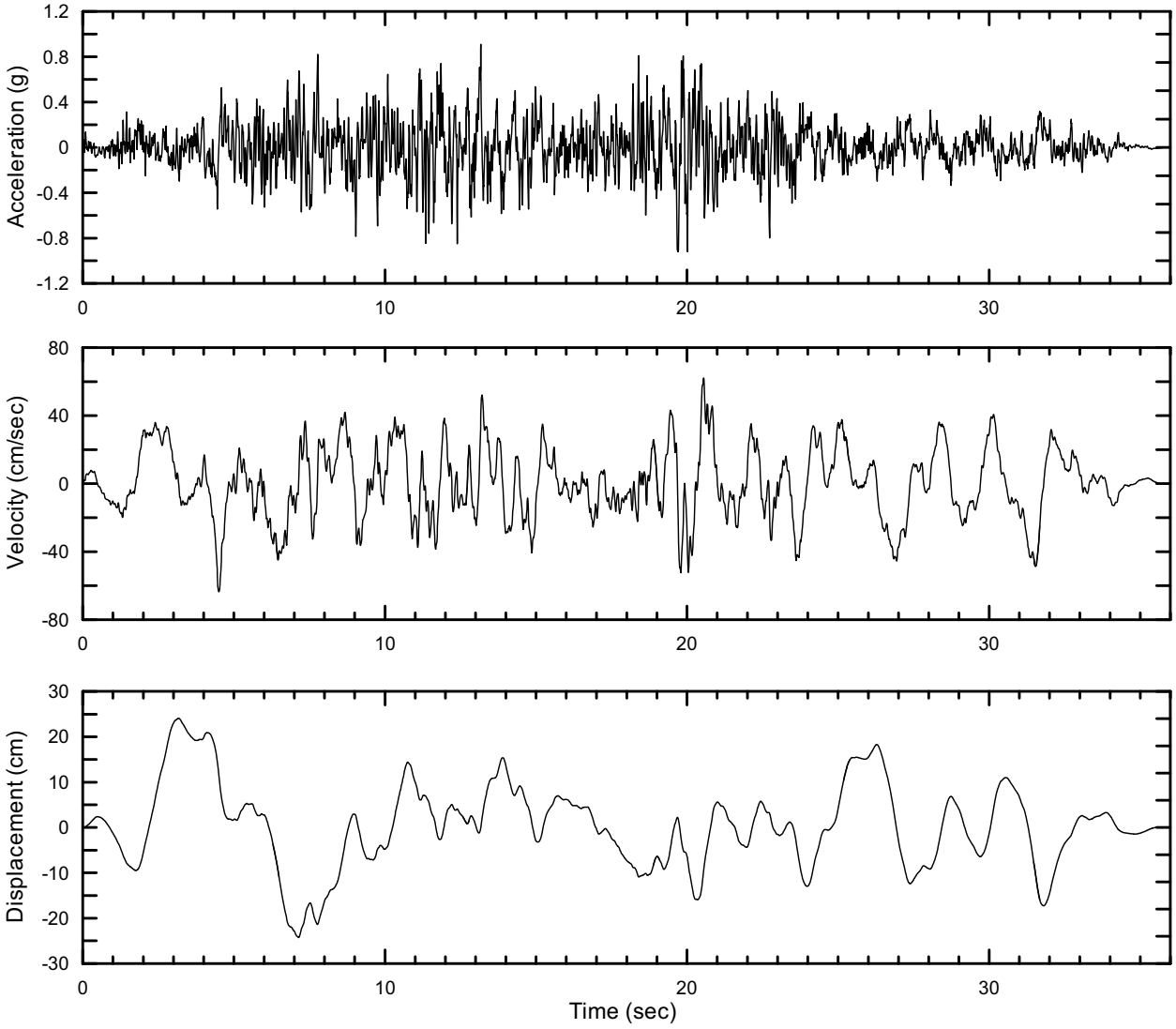
Source: Appendix D, Table D-1

Figure 6.5.2-207. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 2, Set 3



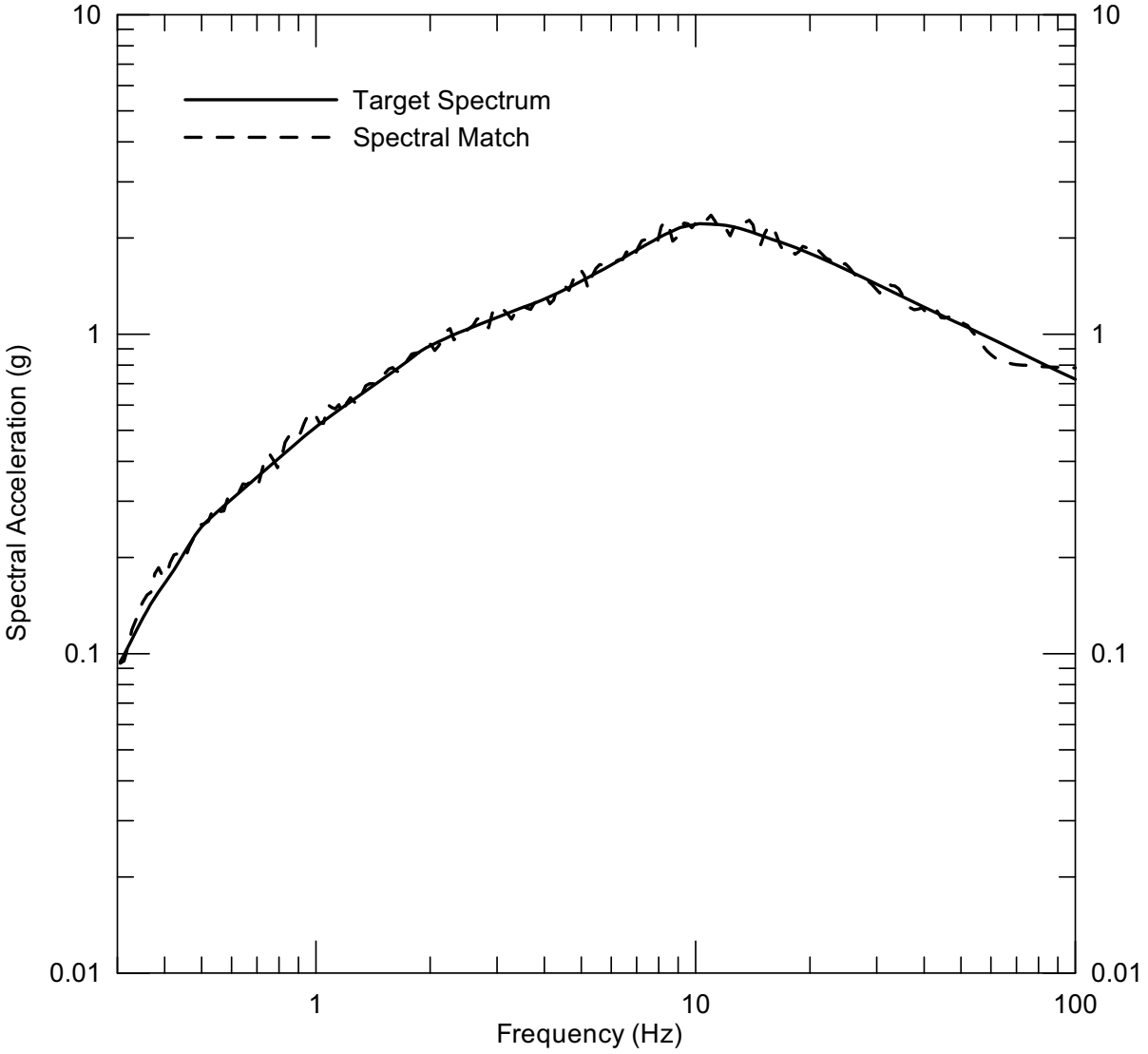
Source: Appendix D, Table D-1

Figure 6.5.2-208. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 2, Set 3



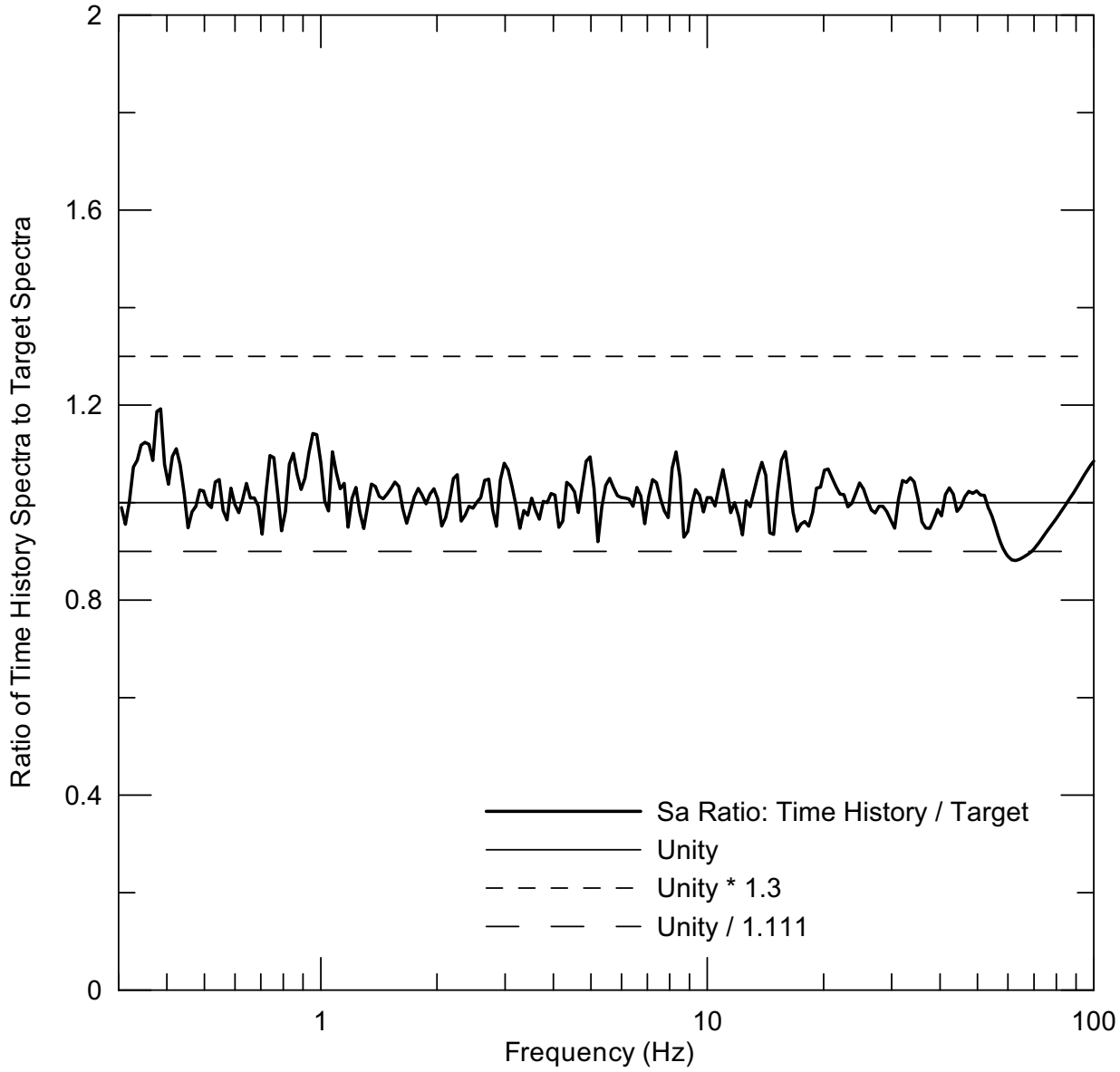
Source: Appendix D, Table D-1

Figure 6.5.2-209. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA 10^{-4} AFE, Horizontal 2, Set 3



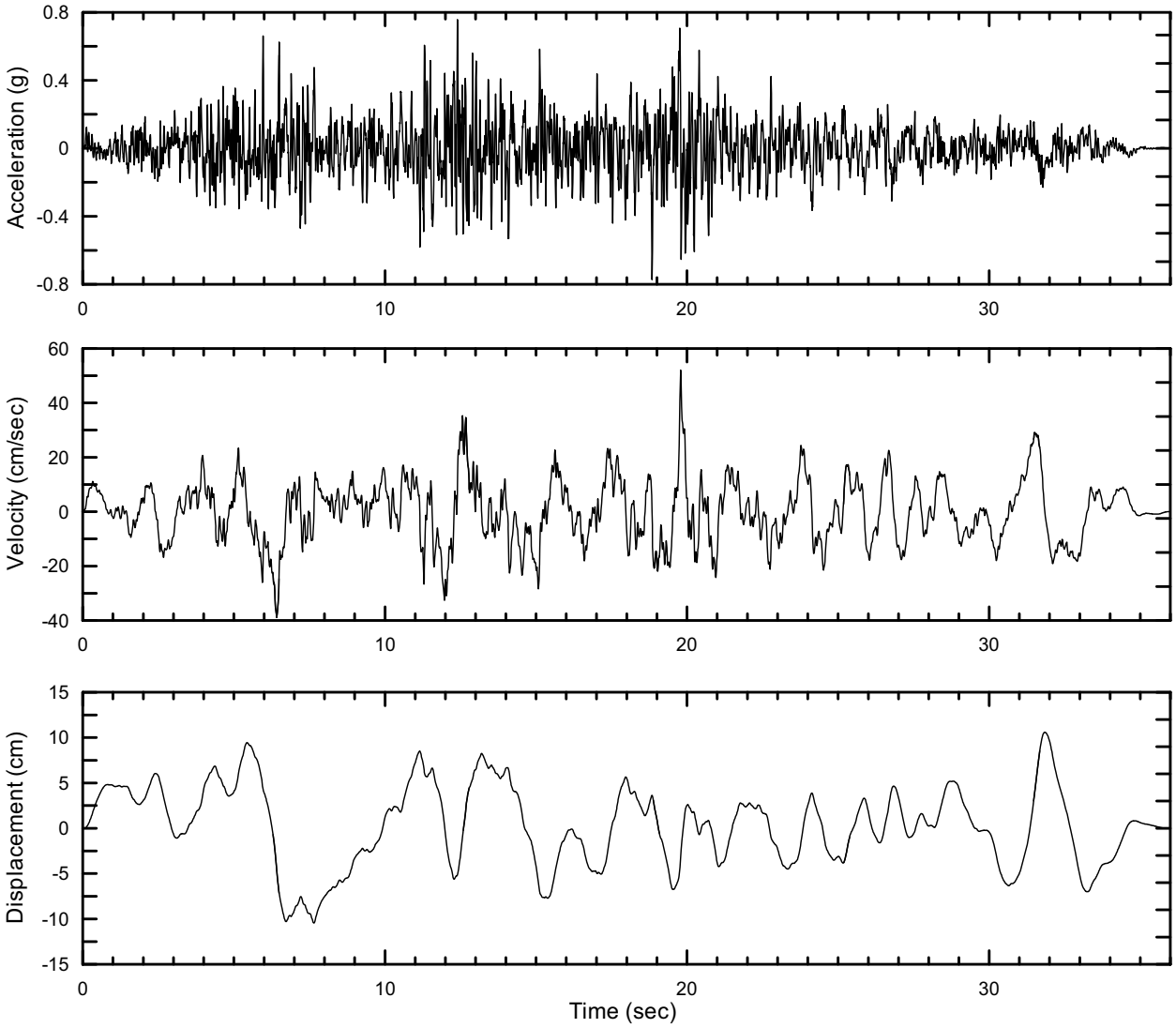
Source: Appendix D, Table D-1

Figure 6.5.2-210. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Vertical, Set 3



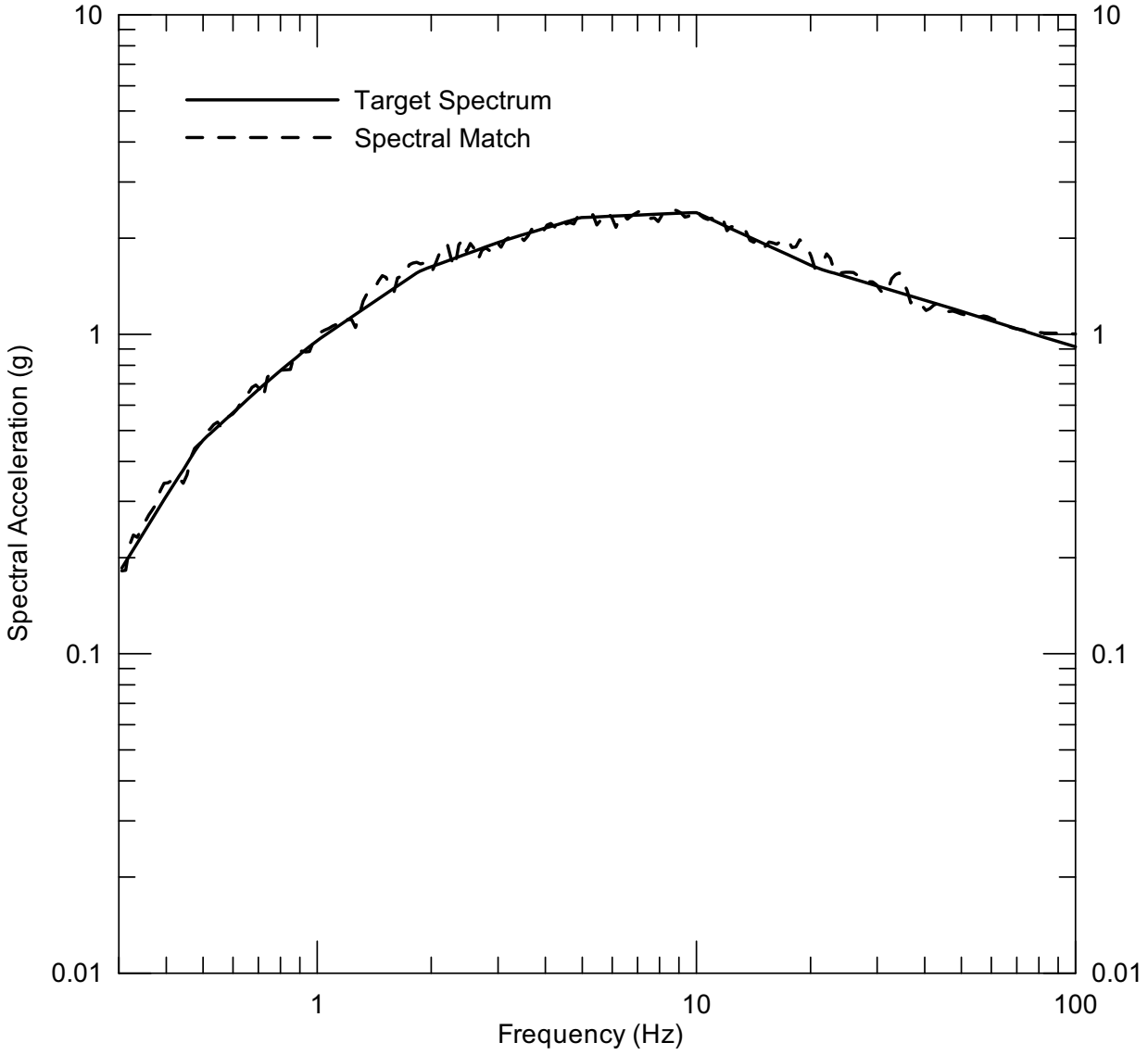
Source: Appendix D, Table D-1

Figure 6.5.2-211. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Vertical, Set 3



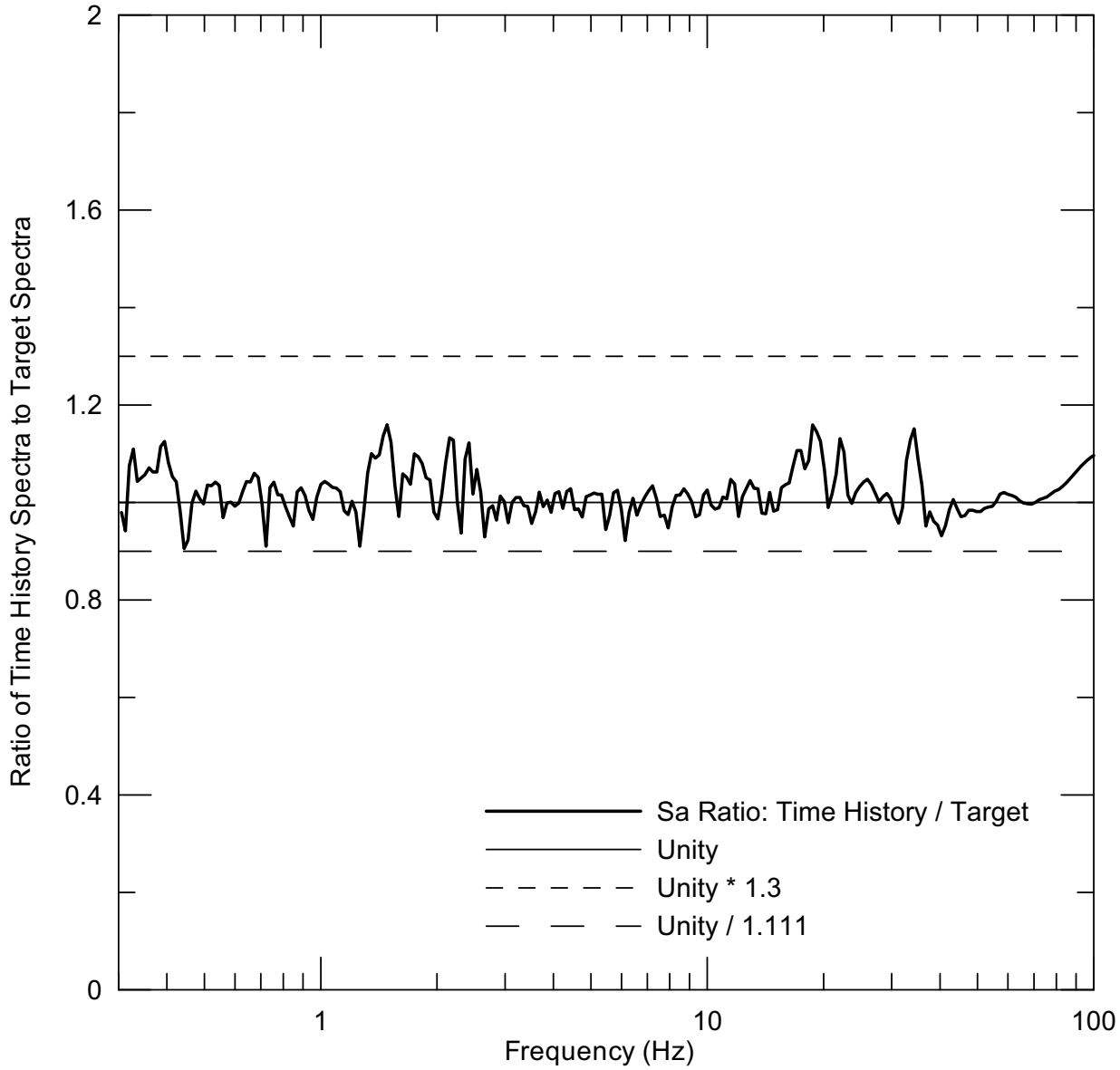
Source: Appendix D, Table D-1

Figure 6.5.2-212. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Vertical, Set 3



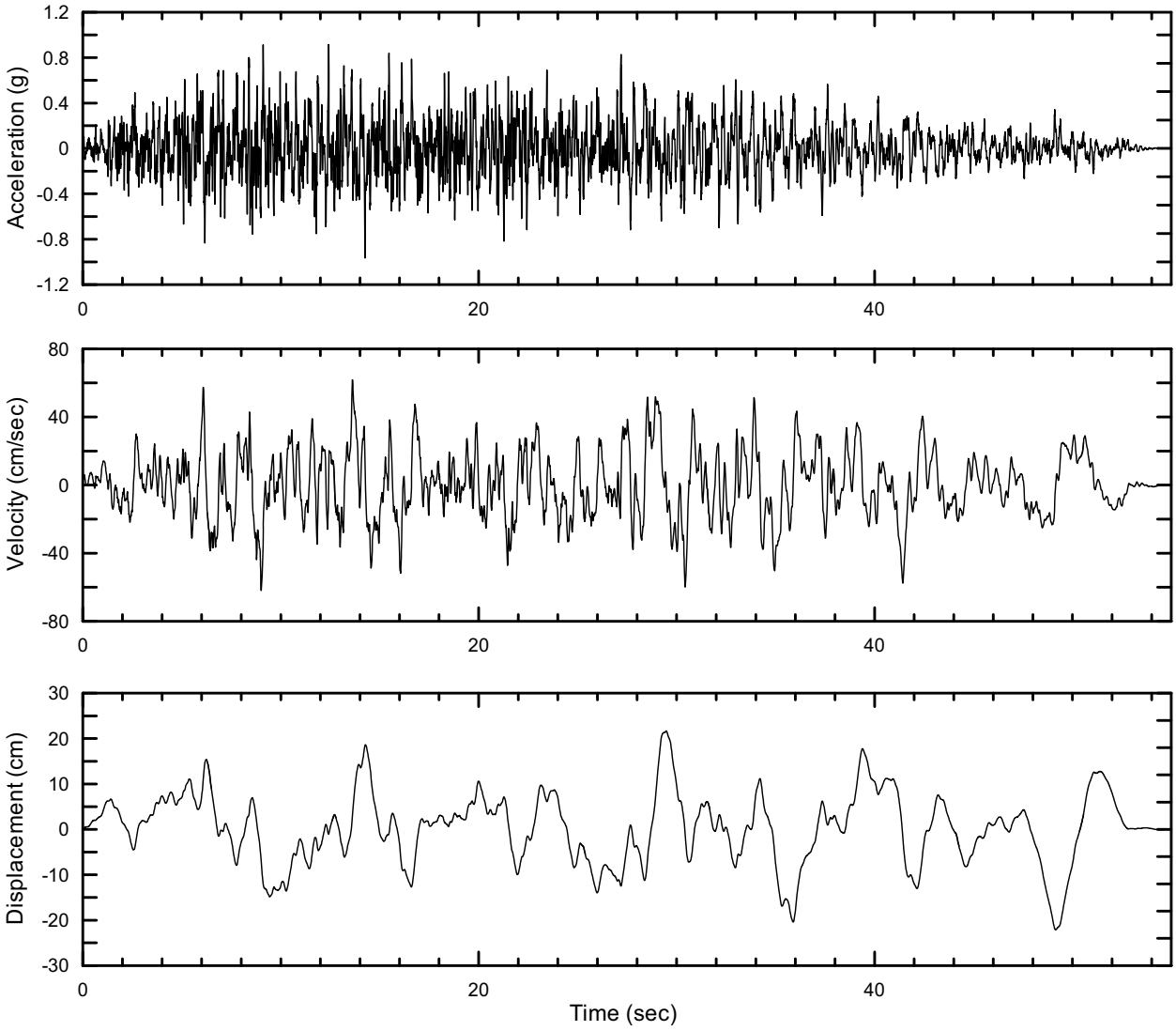
Source: Appendix D, Table D-1

Figure 6.5.2-213. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 1, Set 4



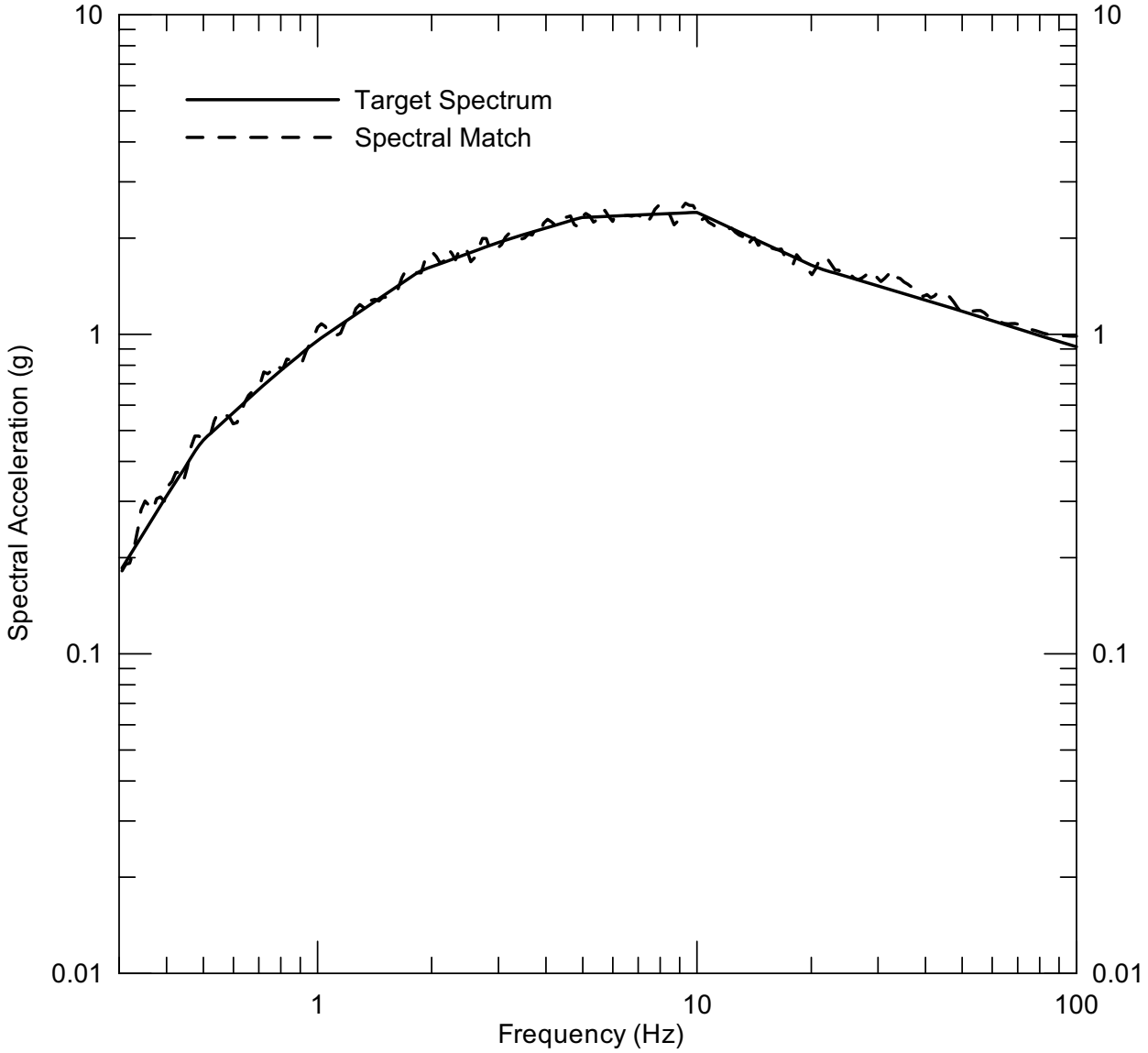
Source: Appendix D, Table D-1

Figure 6.5.2-214. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 1, Set 4



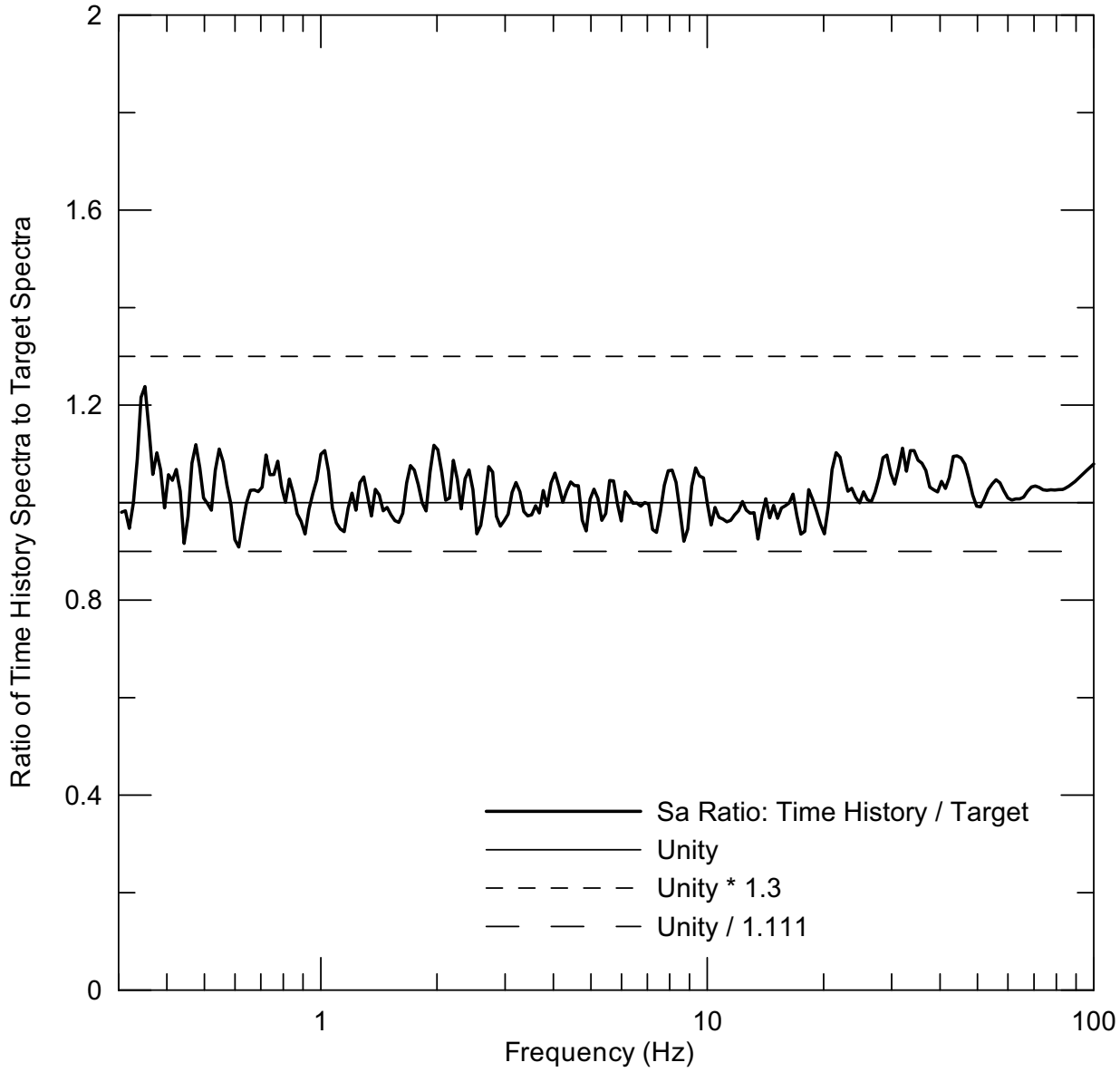
Source: Appendix D, Table D-1

Figure 6.5.2-215. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 1, Set 4



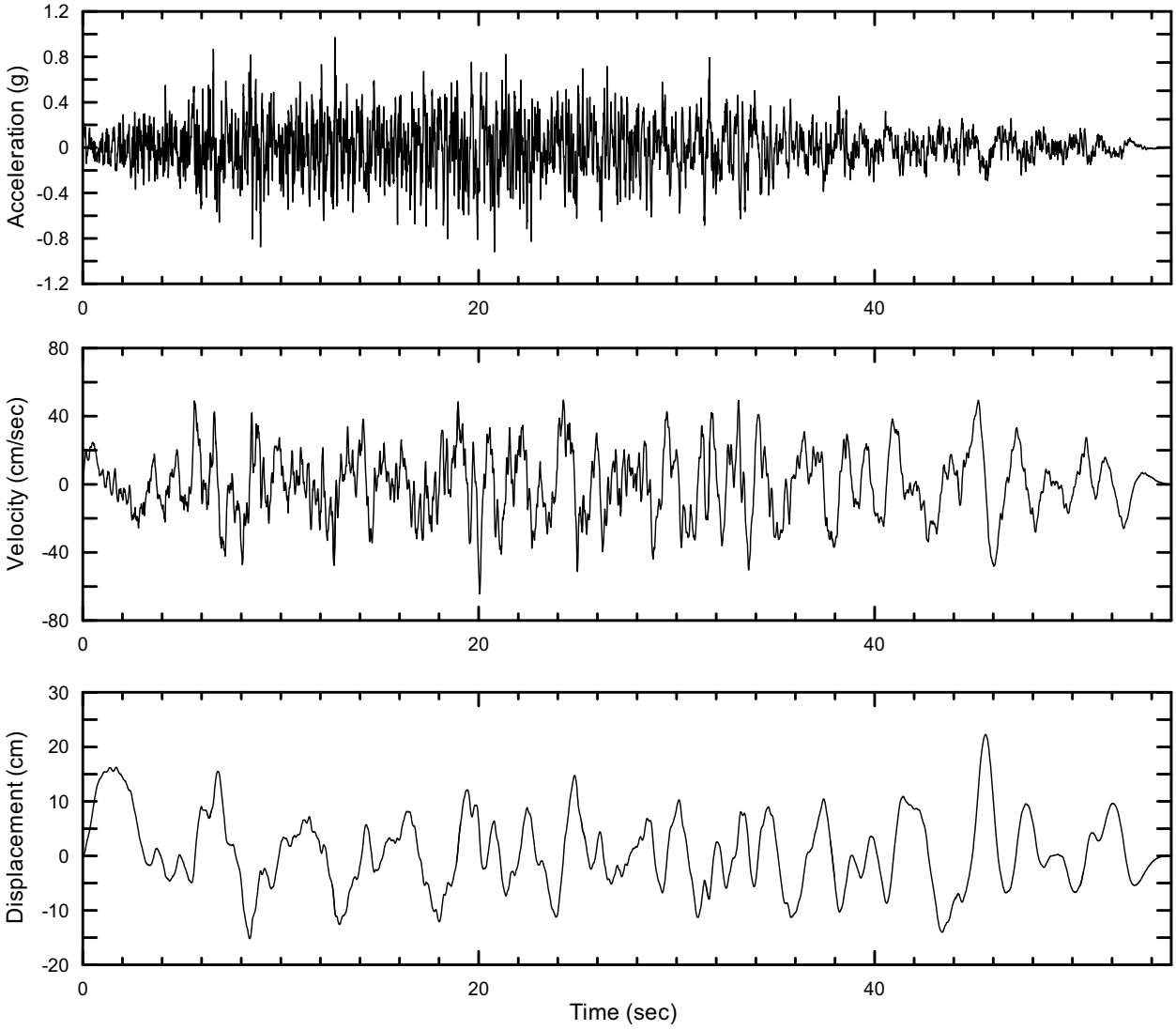
Source: Appendix D, Table D-1

Figure 6.5.2-216. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 2, Set 4



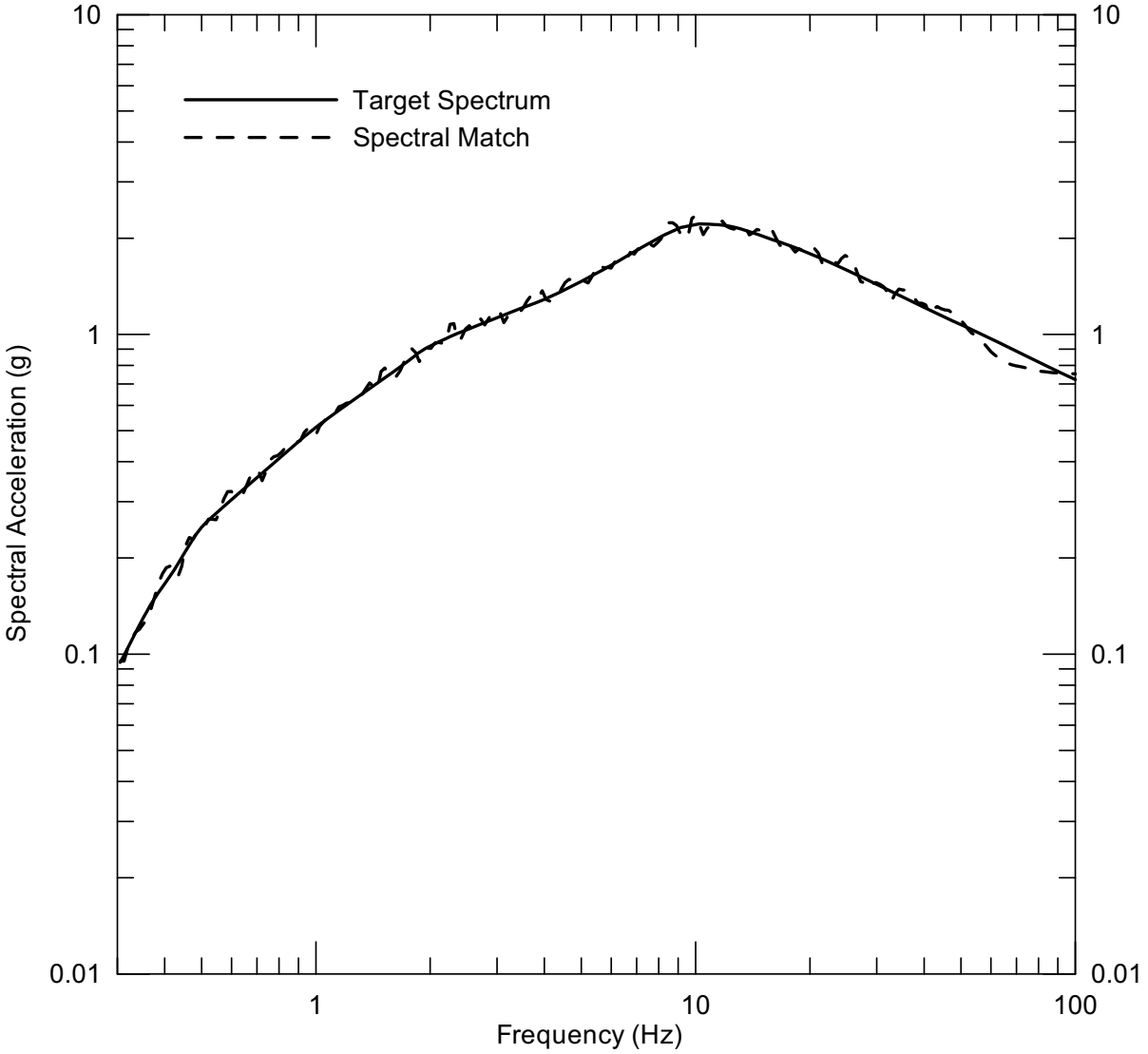
Source: Appendix D, Table D-1

Figure 6.5.2-217. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 2, Set 4



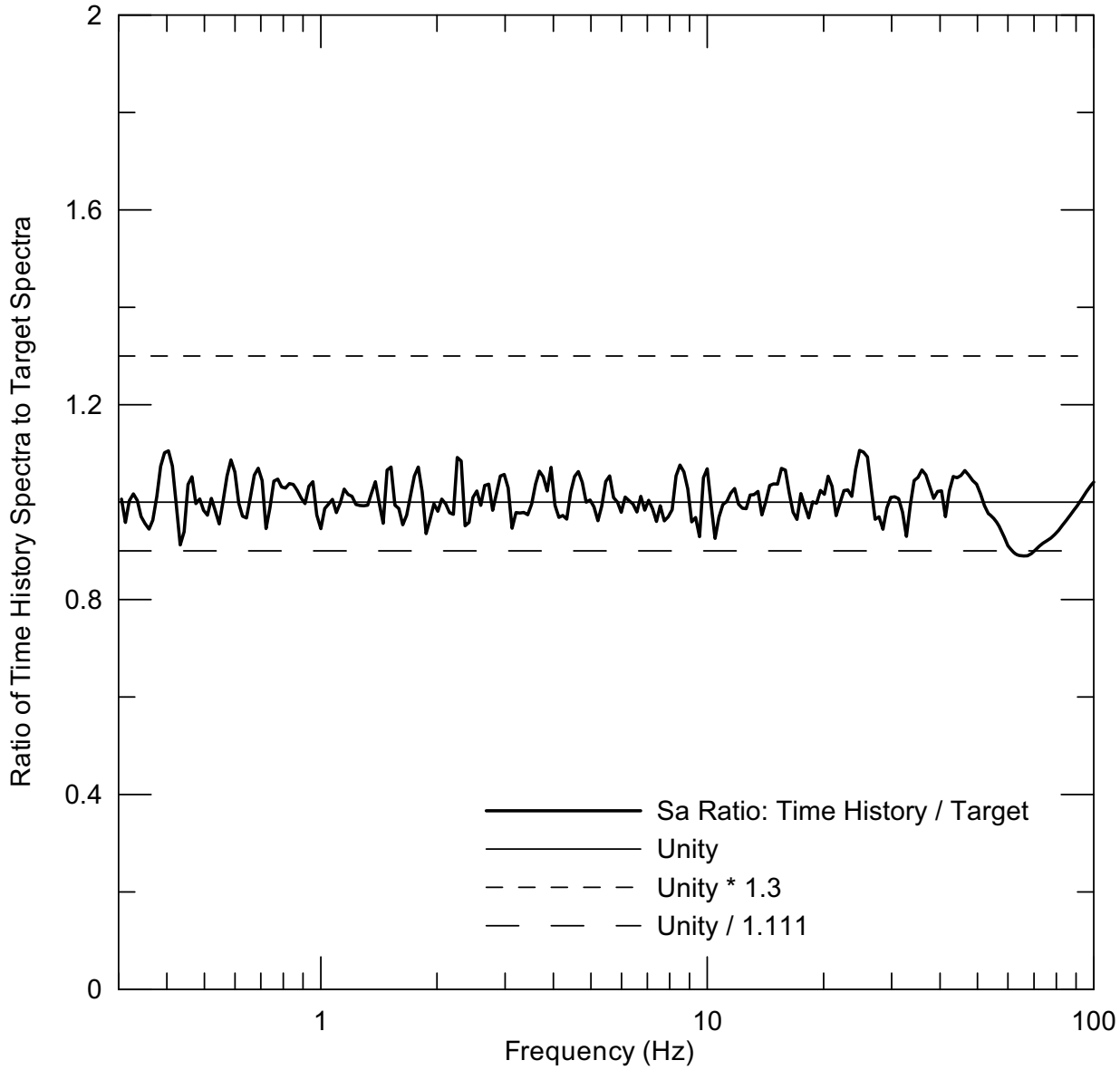
Source: Appendix D, Table D-1

Figure 6.5.2-218. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 2, Set 4



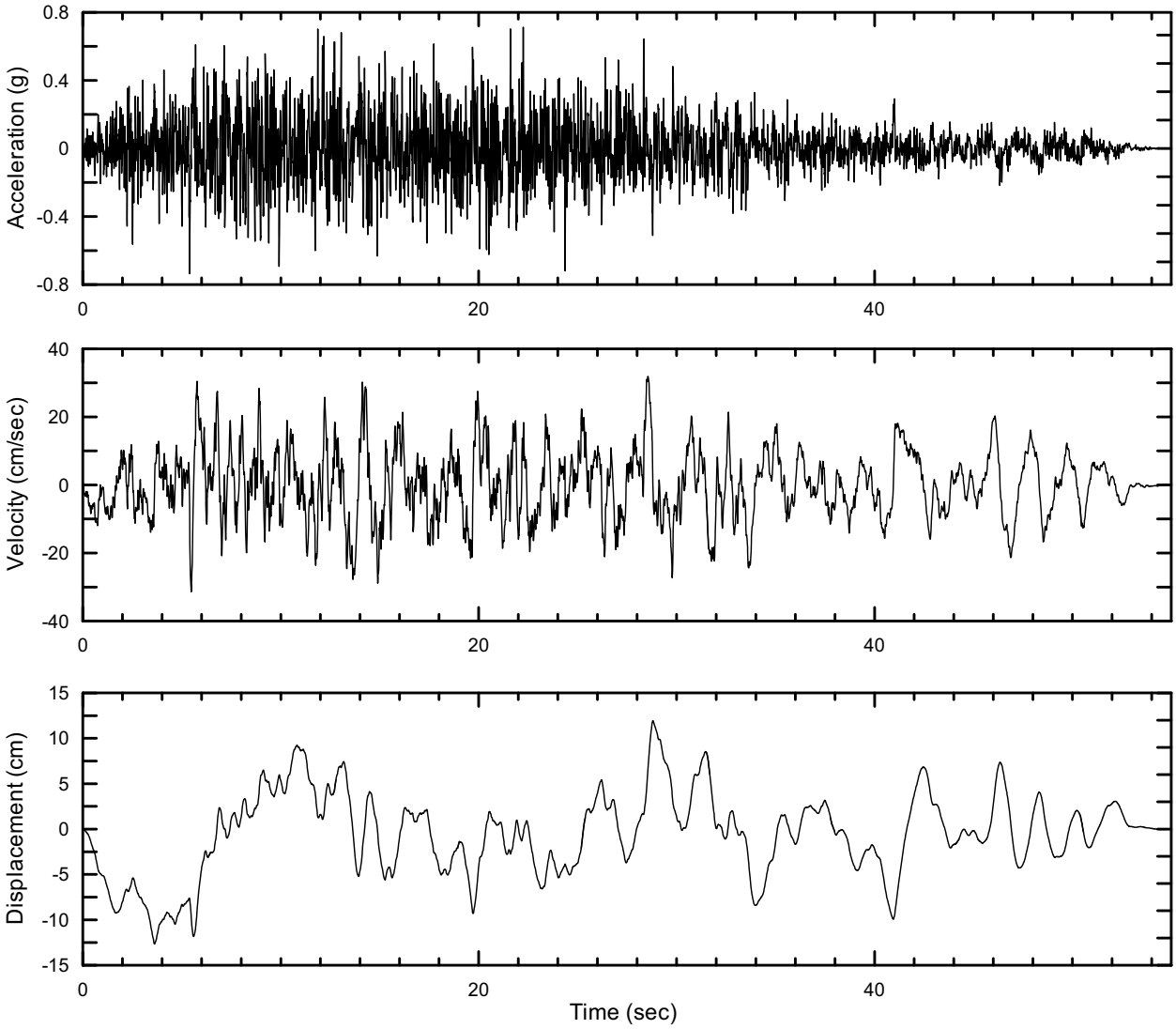
Source: Appendix D, Table D-1

Figure 6.5.2-219. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Vertical, Set 4



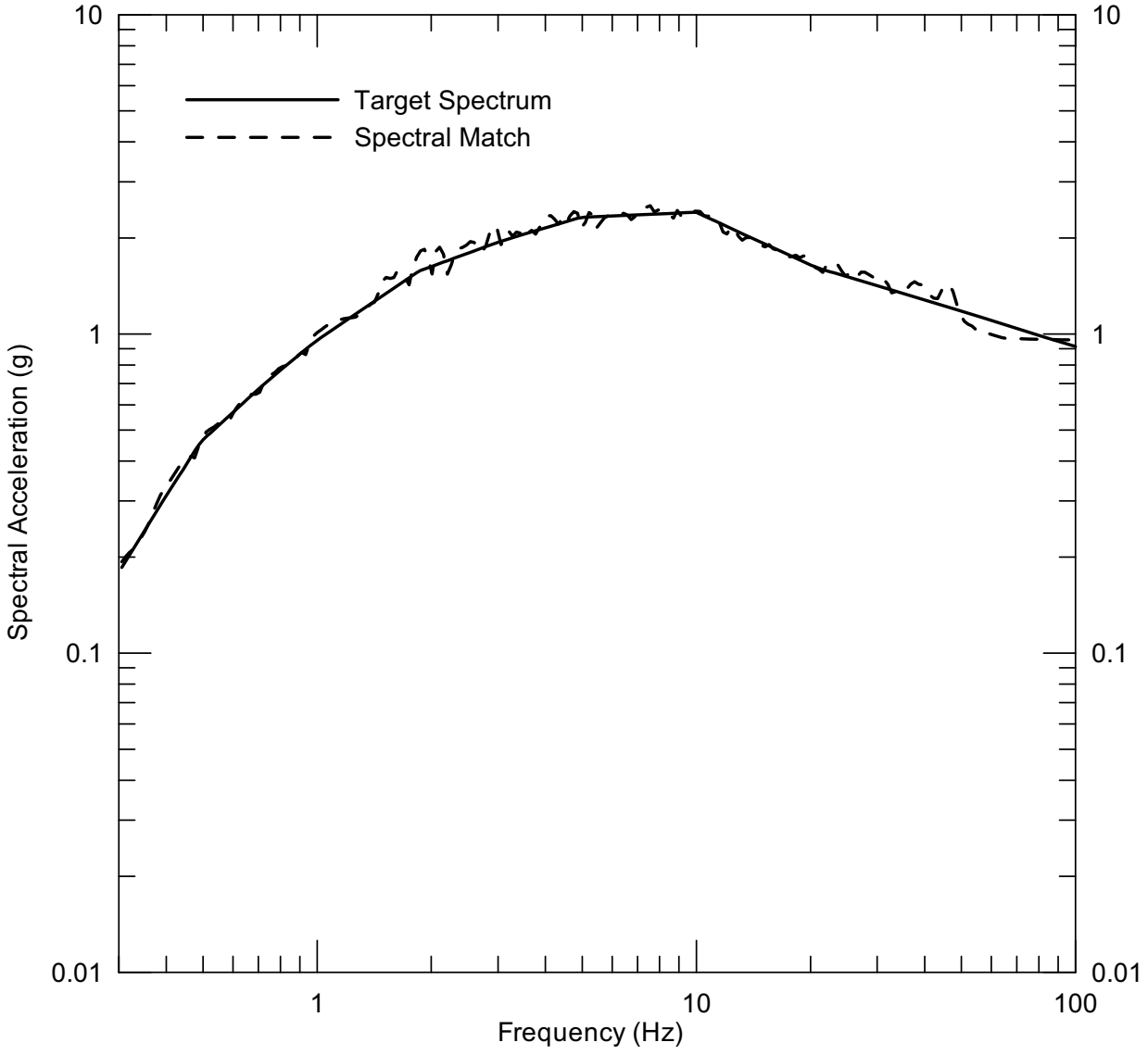
Source: Appendix D, Table D-1

Figure 6.5.2-220. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Vertical, Set 4



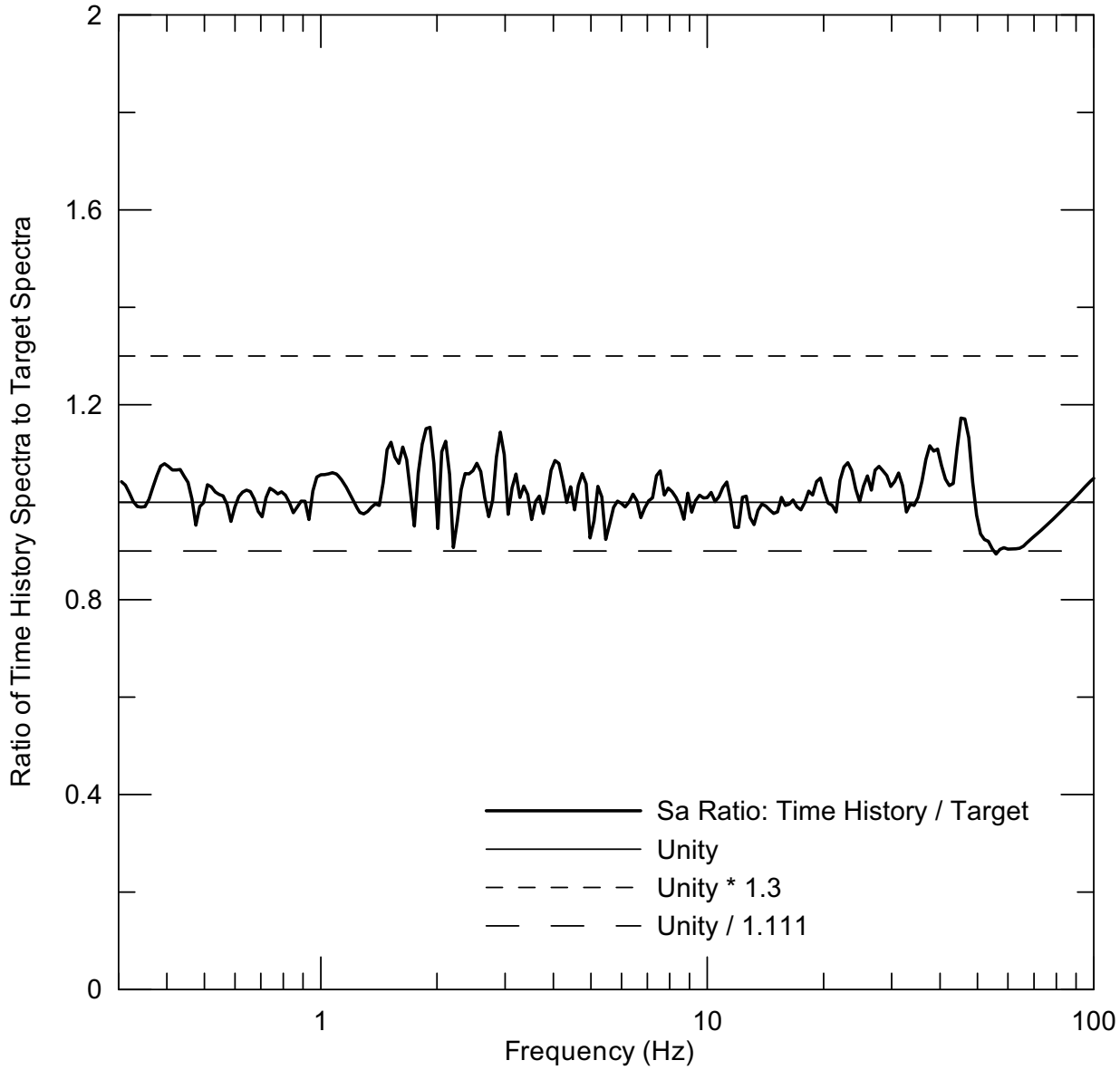
Source: Appendix D, Table D-1

Figure 6.5.2-221. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Vertical, Set 4



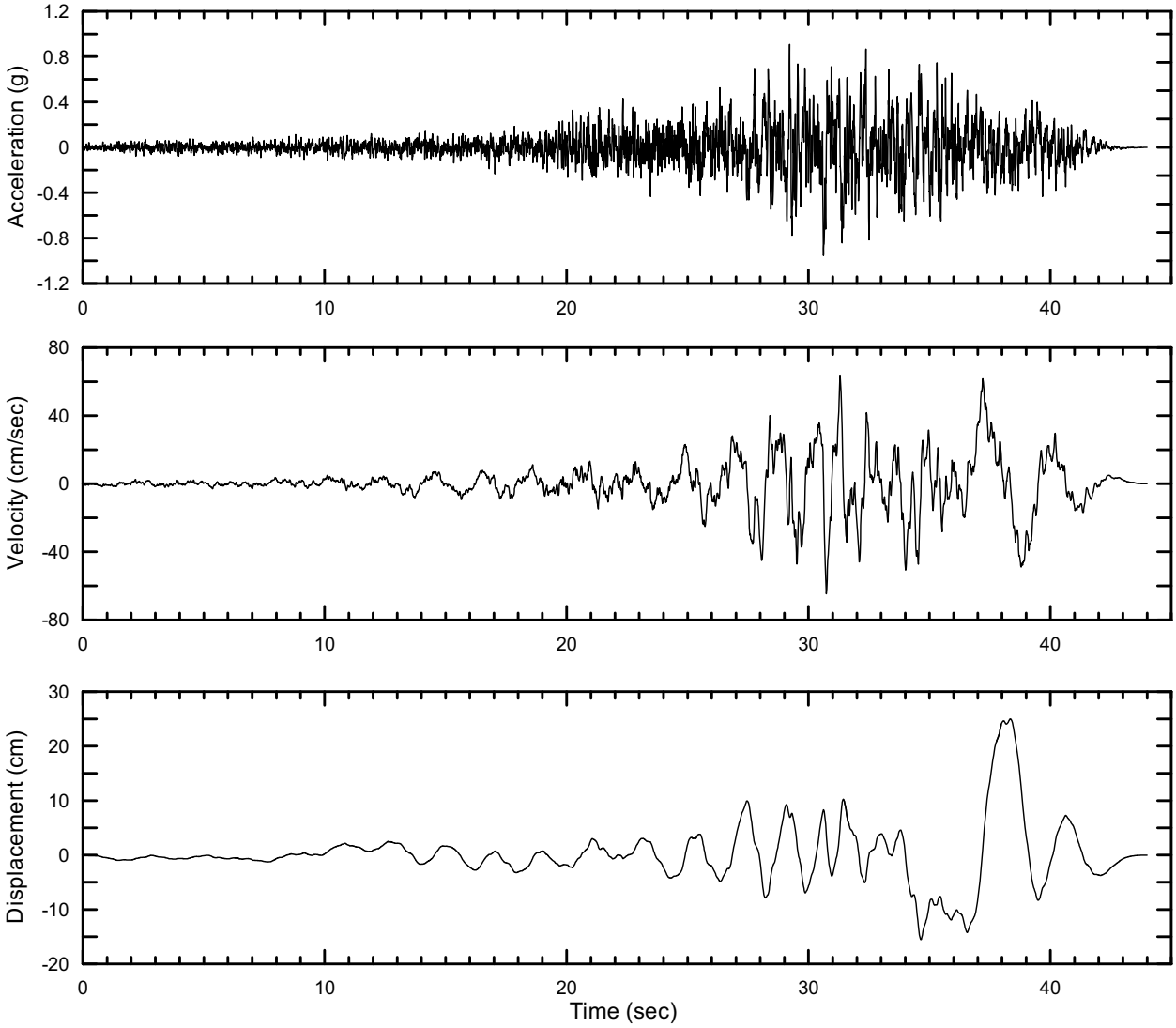
Source: Appendix D, Table D-1

Figure 6.5.2-222. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 1, Set 5



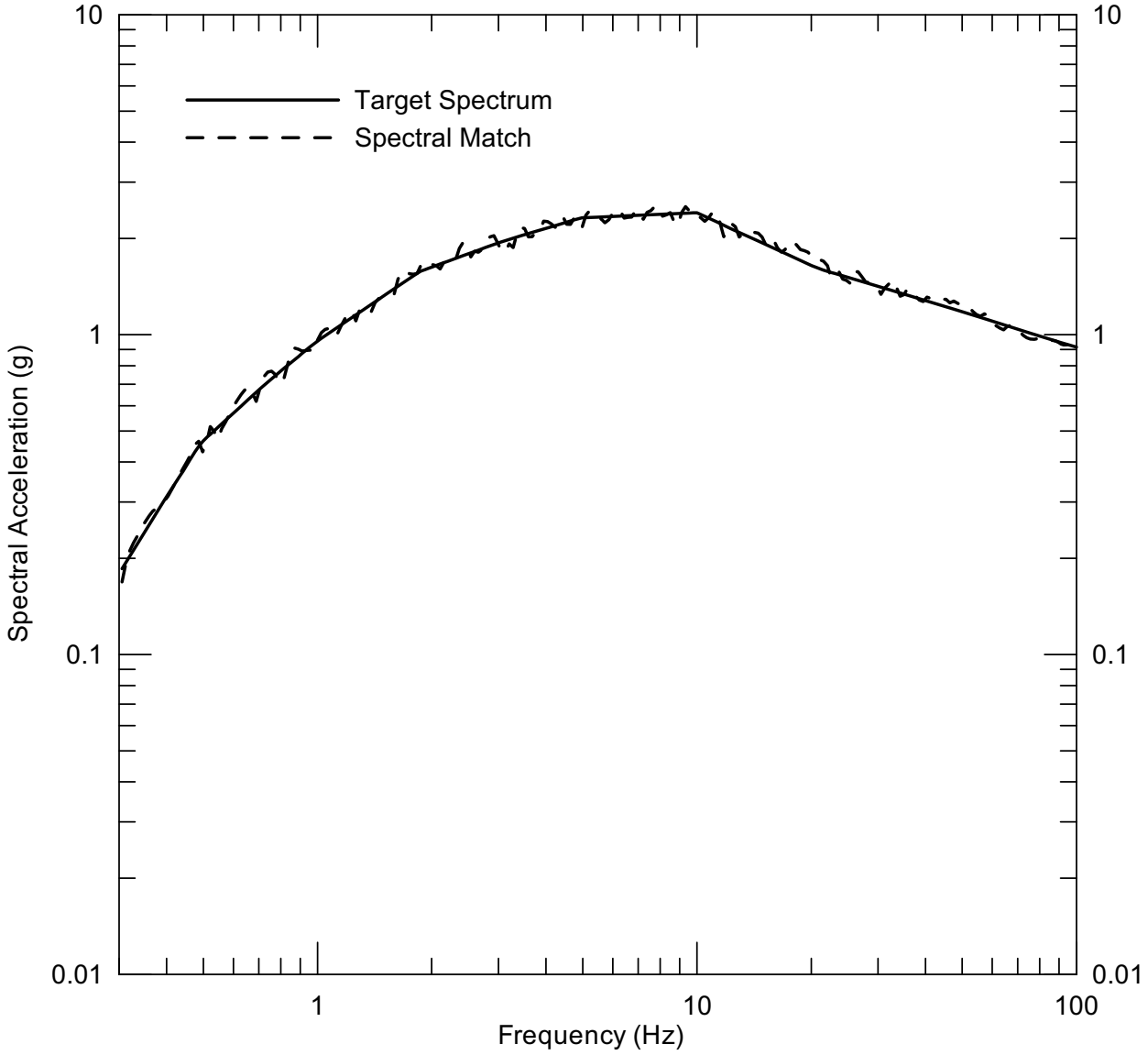
Source: Appendix D, Table D-1

Figure 6.5.2-223. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 1, Set 5



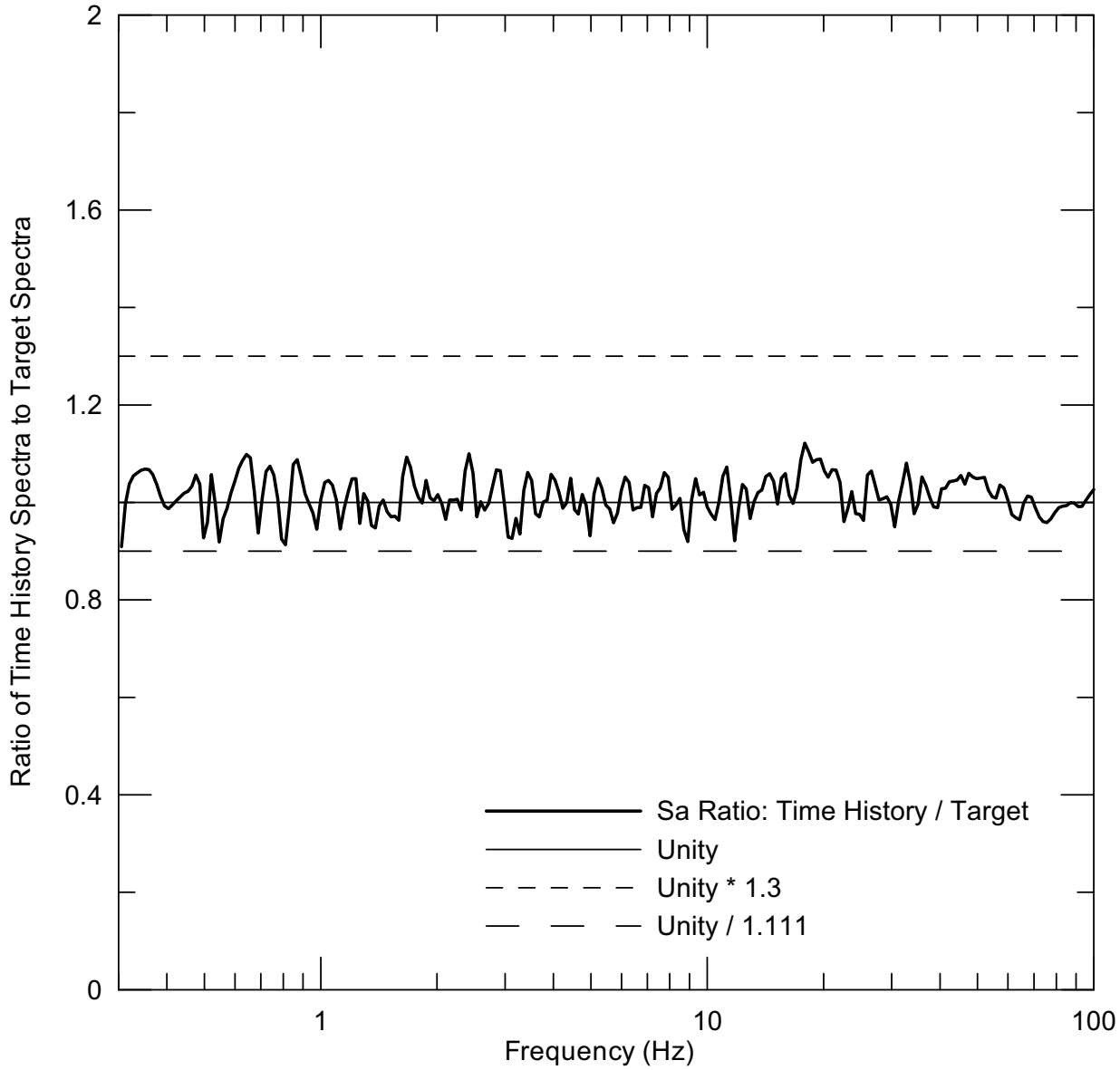
Source: Appendix D, Table D-1

Figure 6.5.2-224. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 1, Set 5



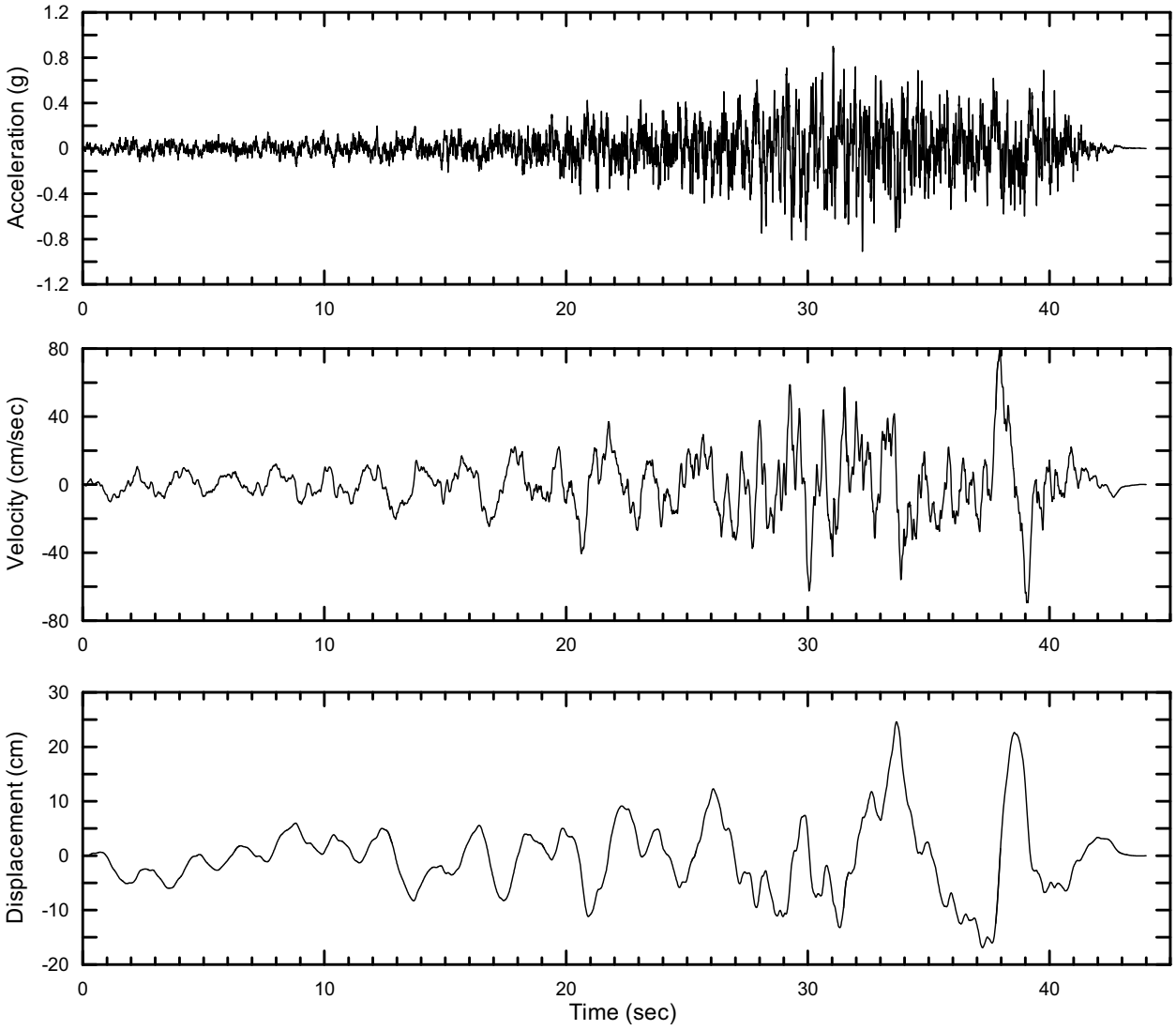
Source: Appendix D, Table D-1

Figure 6.5.2-225. Spectral Match to SFA Design Spectrum at 10^{-4} AFE, Horizontal 2, Set 5



Source: Appendix D, Table D-1

Figure 6.5.2-226. Ratio of SFA Design Spectrum to Spectral Match at 10^{-4} AFE, Horizontal 2, Set 5



Source: Appendix D, Table D-1

Figure 6.5.2-227. Spectrally Matched Acceleration, Velocity, and Displacement Time Histories for the SFA, 10^{-4} AFE, Horizontal 2, Set 5