

Figure III-88: Within vs. Surface Motion for Stiff Soil
 Set-3 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

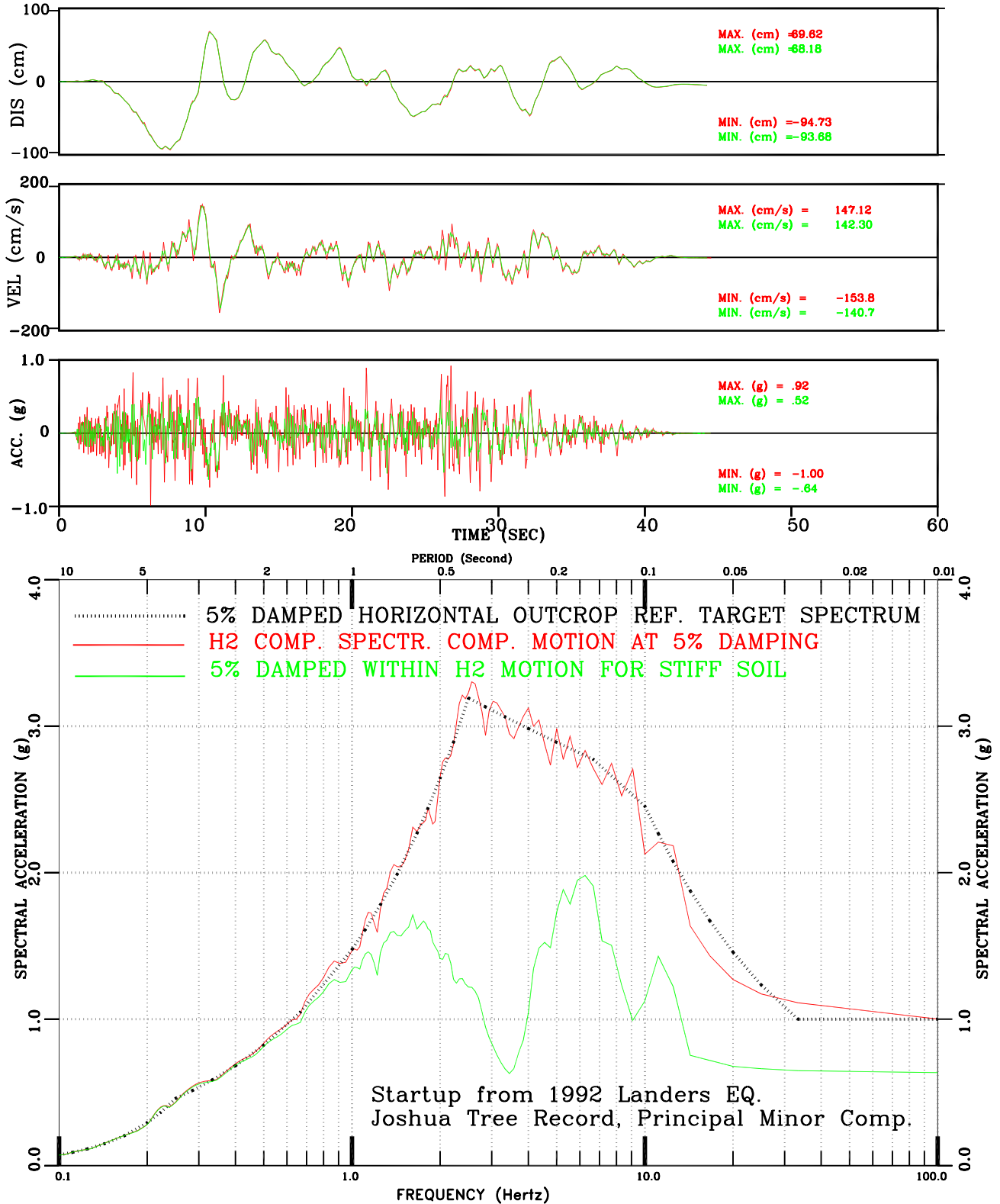


Figure III-89: Within vs. Surface Motion for Stiff Soil
 Set-3 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

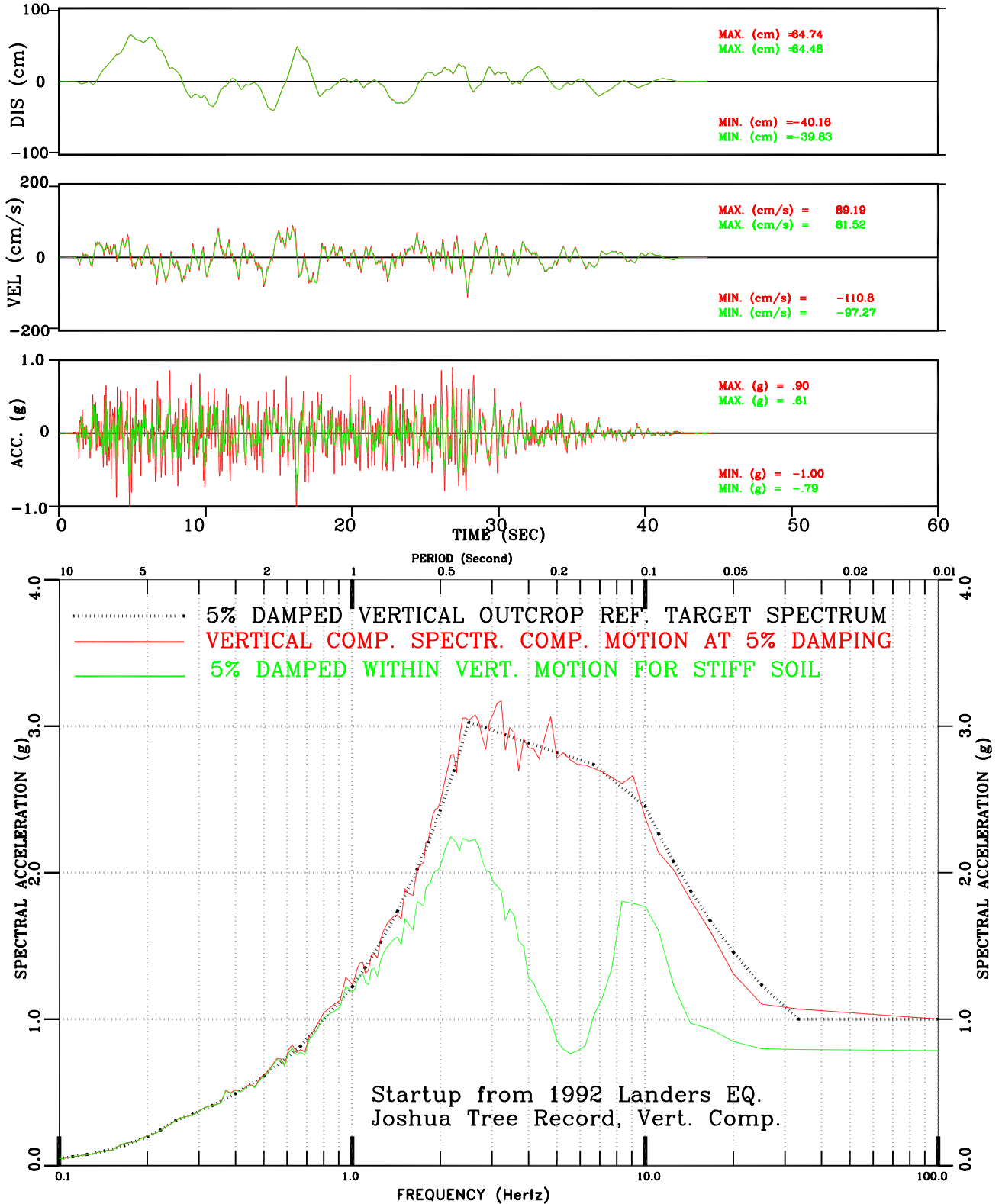


Figure III-90: Within vs. Surface Motion for Stiff Soil
 Set-3 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

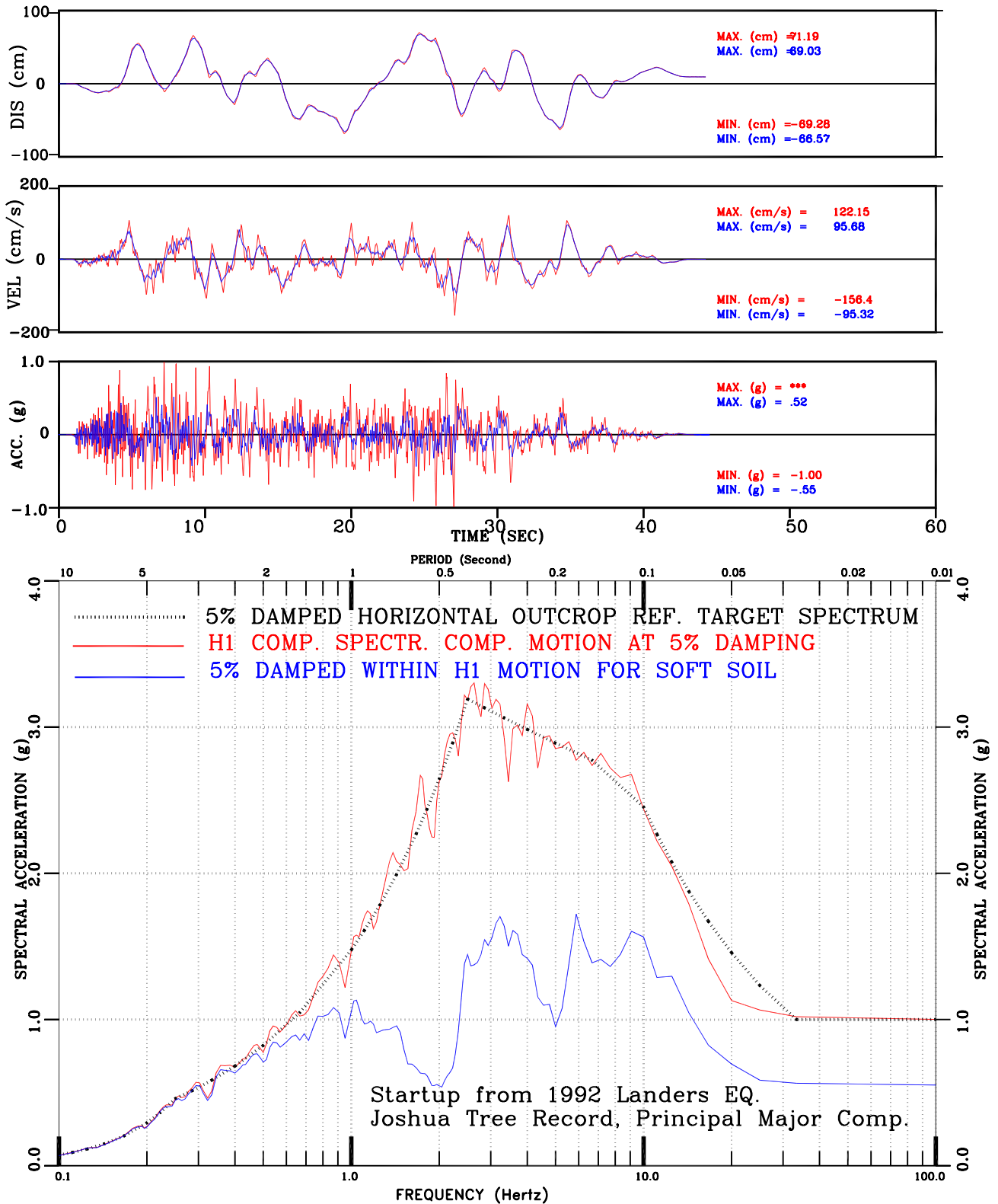


Figure III-91: Within vs. Surface Motion for Soft Soil
Set-3 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

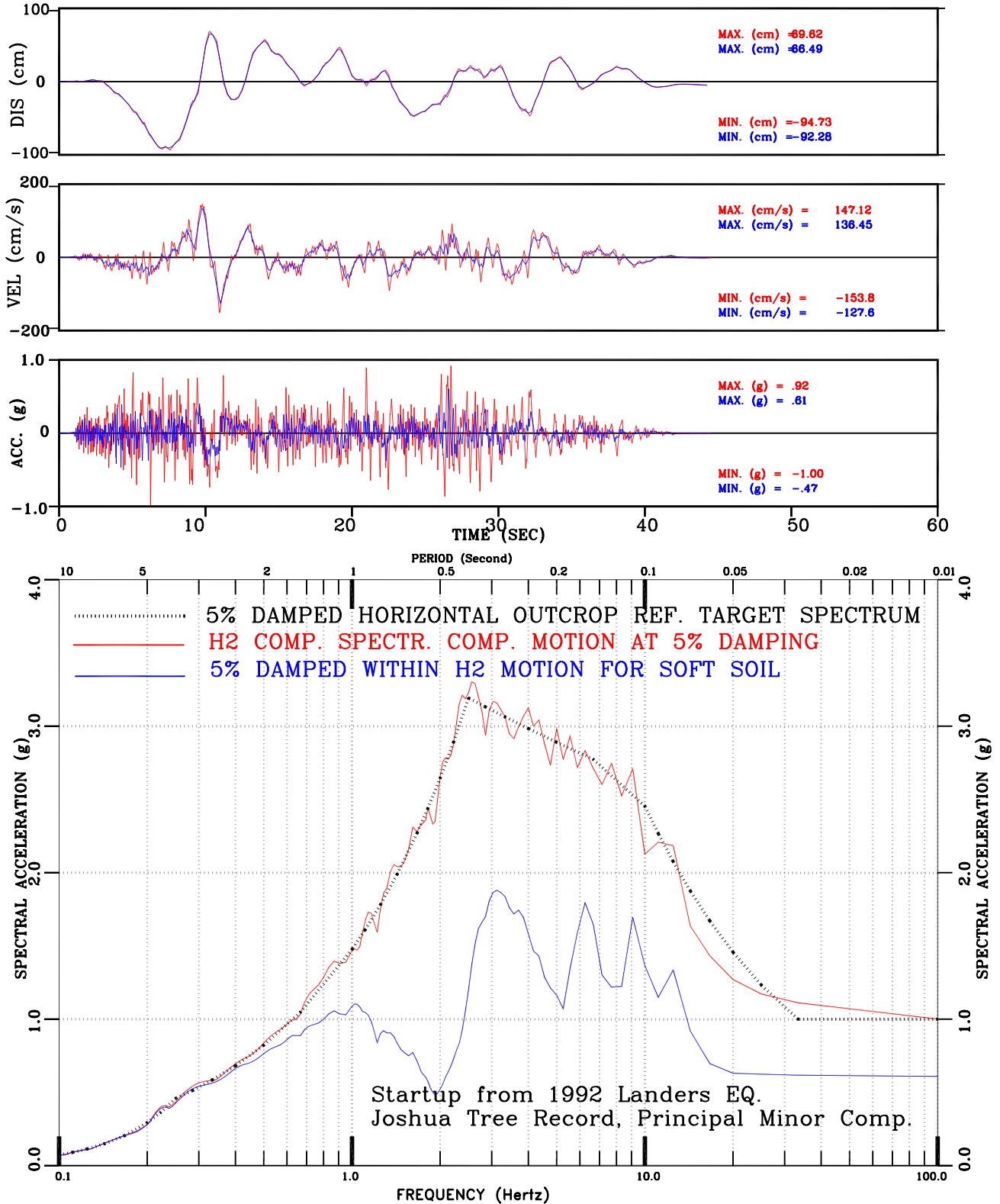


Figure III-92: Within vs. Surface Motion for Soft Soil
Set-3 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

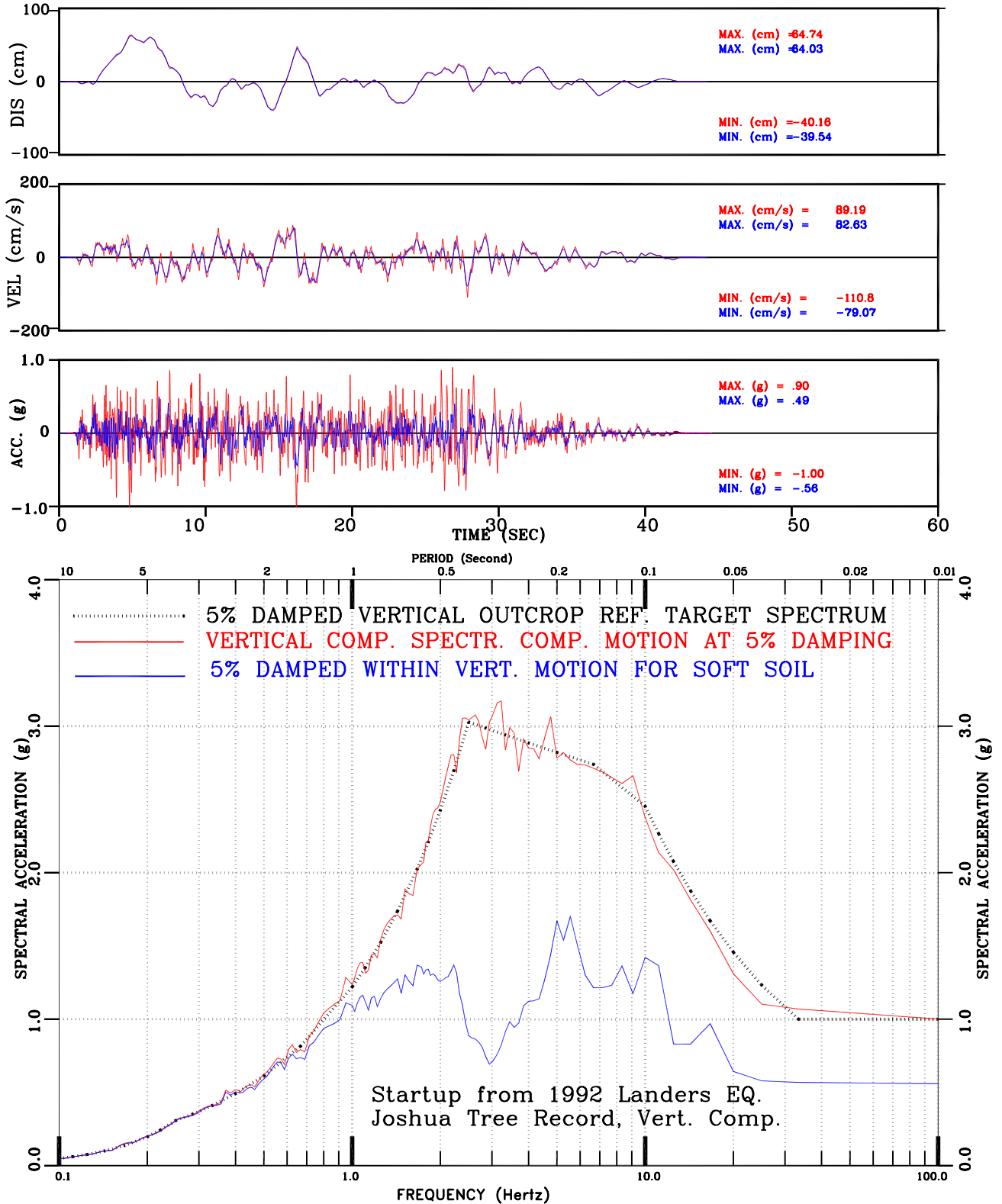


Figure III-93: Within vs. Surface Motion for Soft Soil
Set-3 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

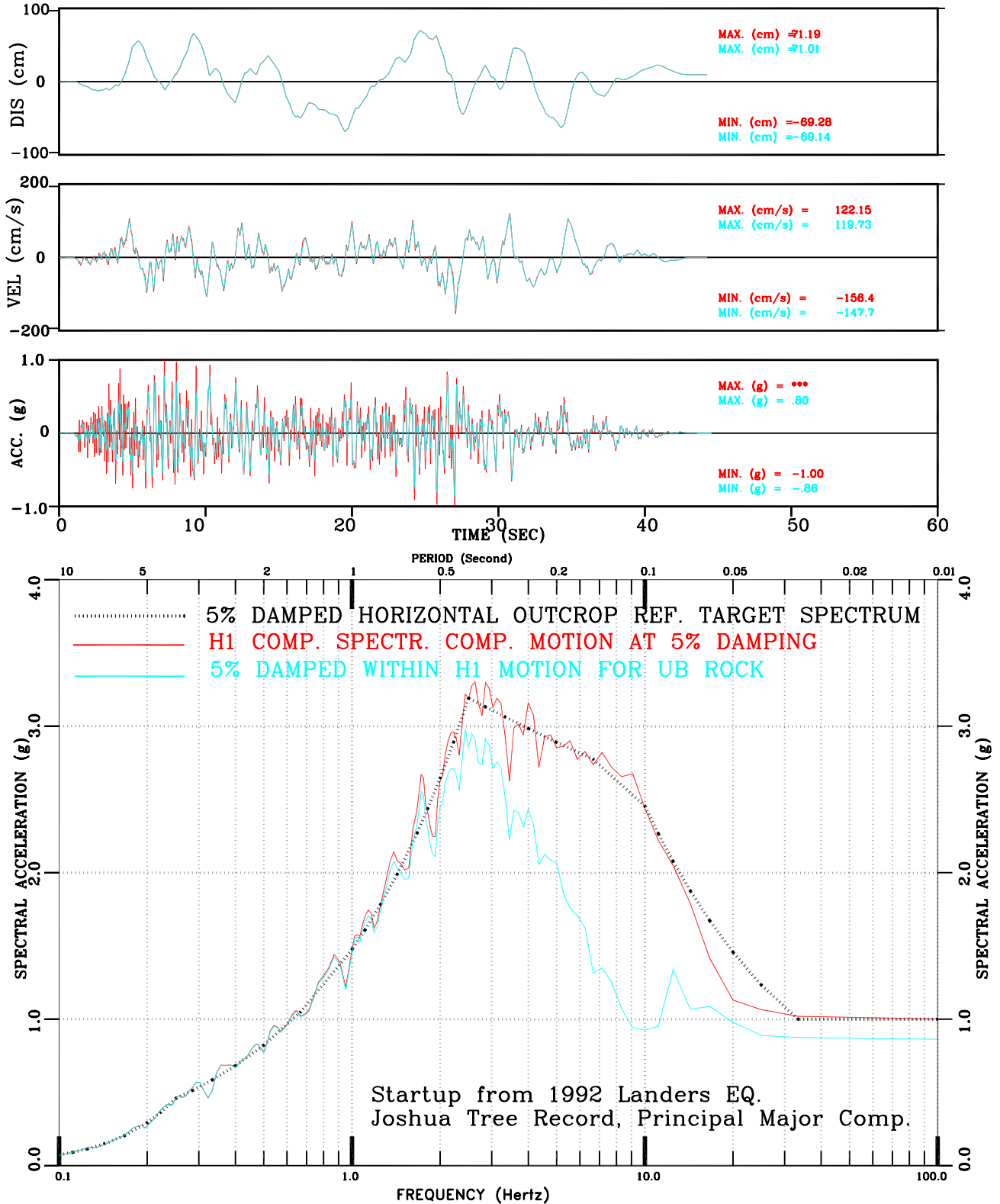


Figure III-94: Within vs. Surface Motion for UB Rock
Set-3 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

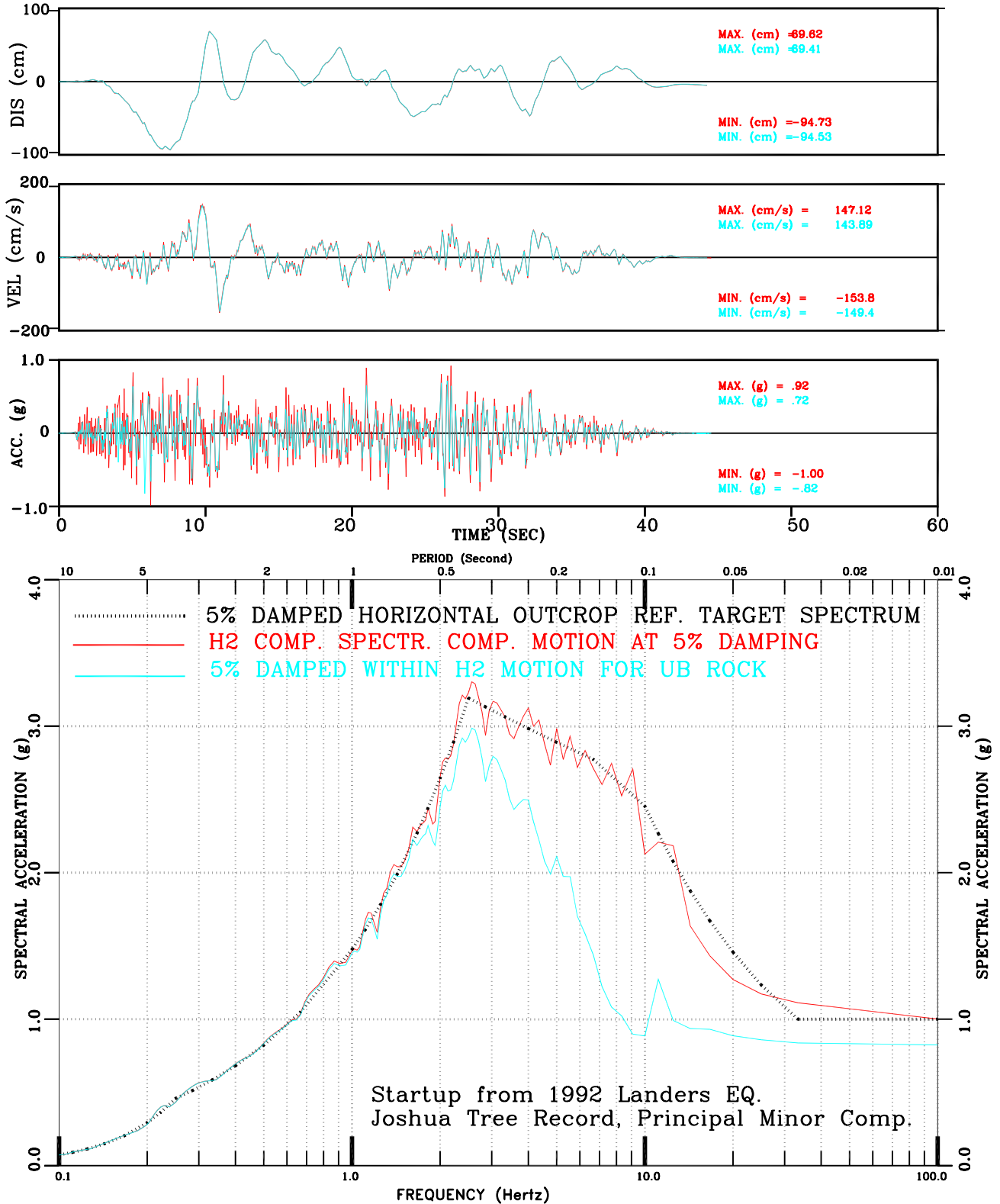


Figure III-95: Within vs. Surface Motion for UB Rock
Set-3 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

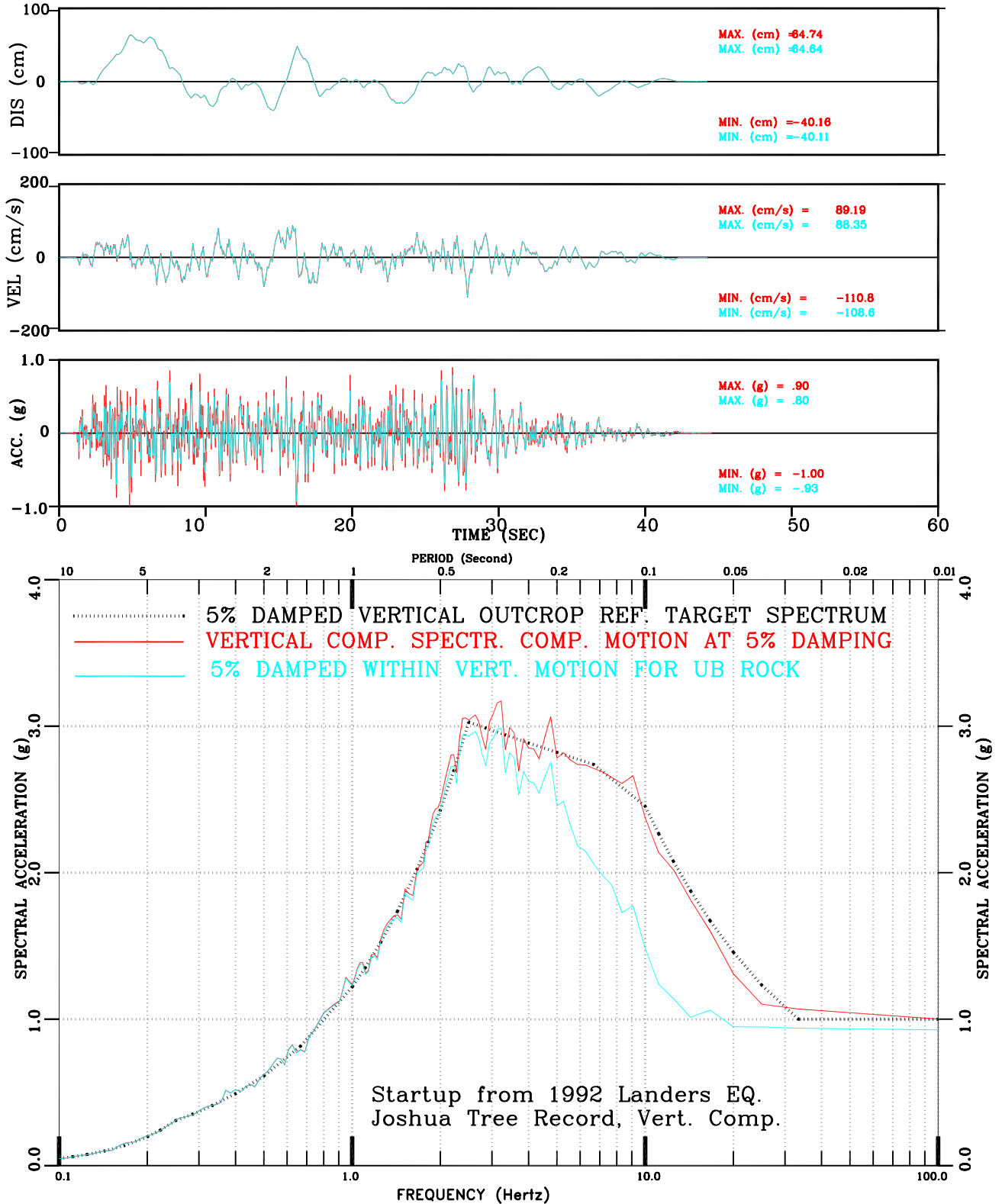


Figure III-96: Within vs. Surface Motion for UB Rock Set-3 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

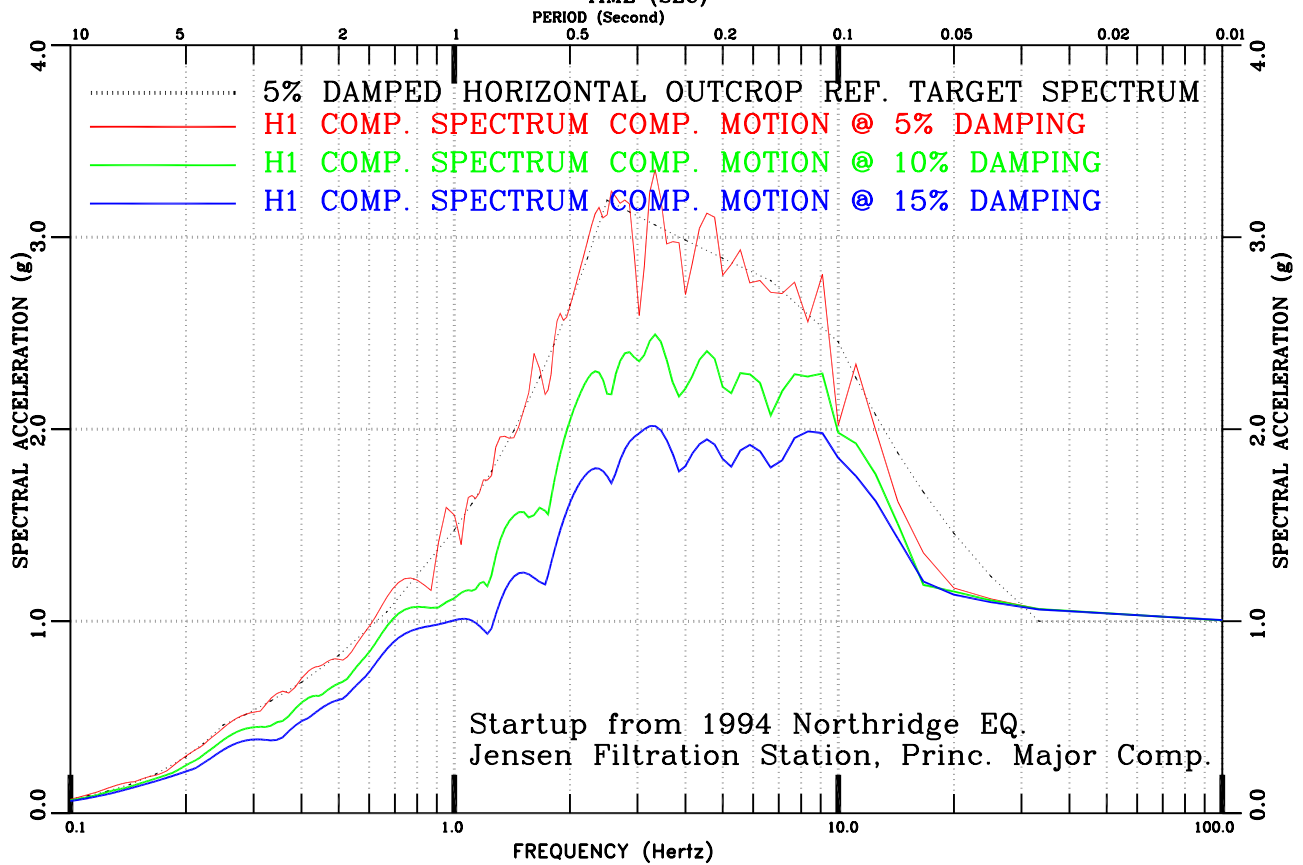
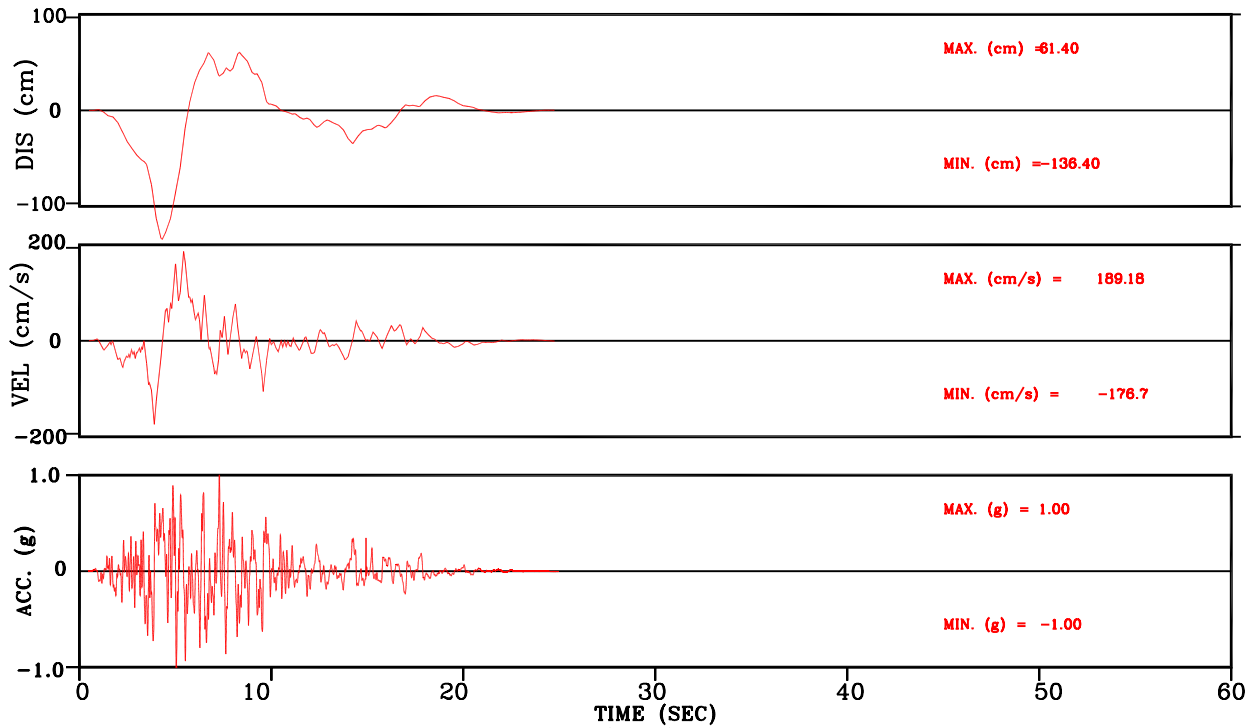


Figure III-97: Set-4 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

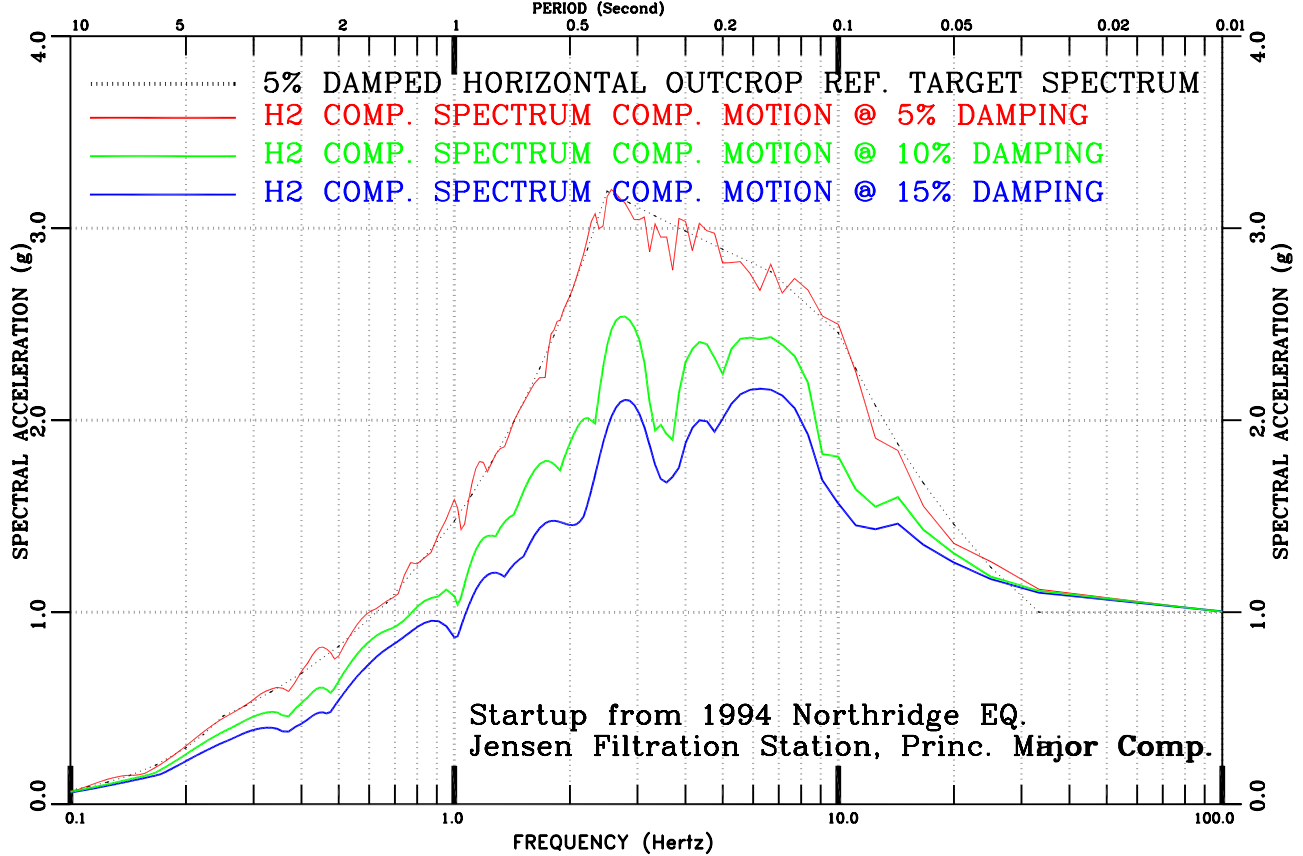
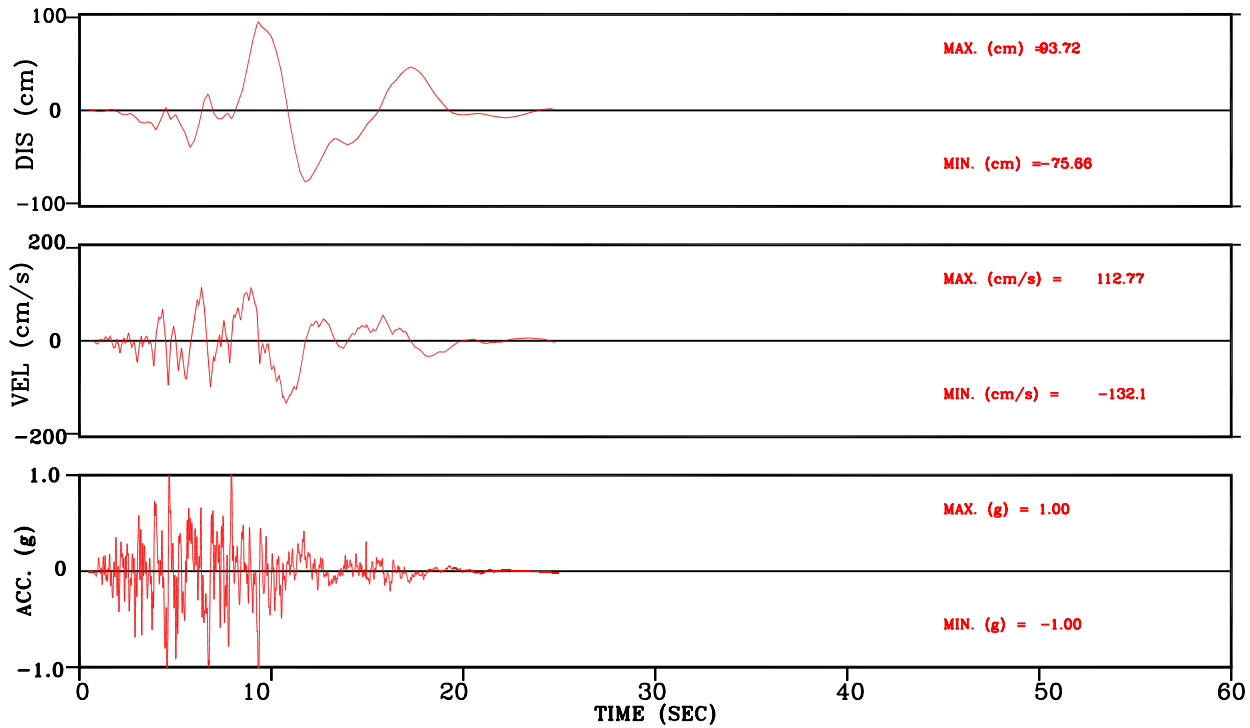


Figure III-98: Set-4 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

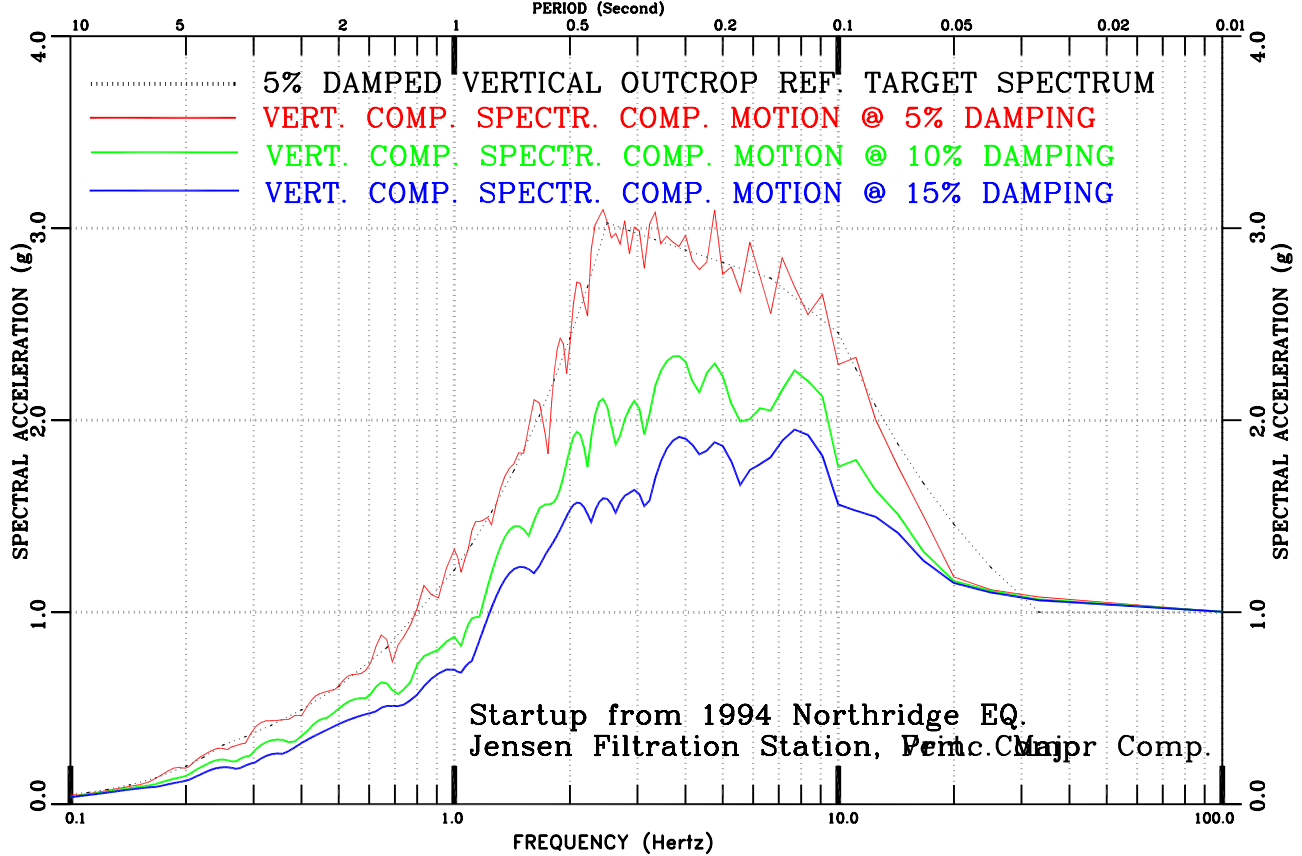
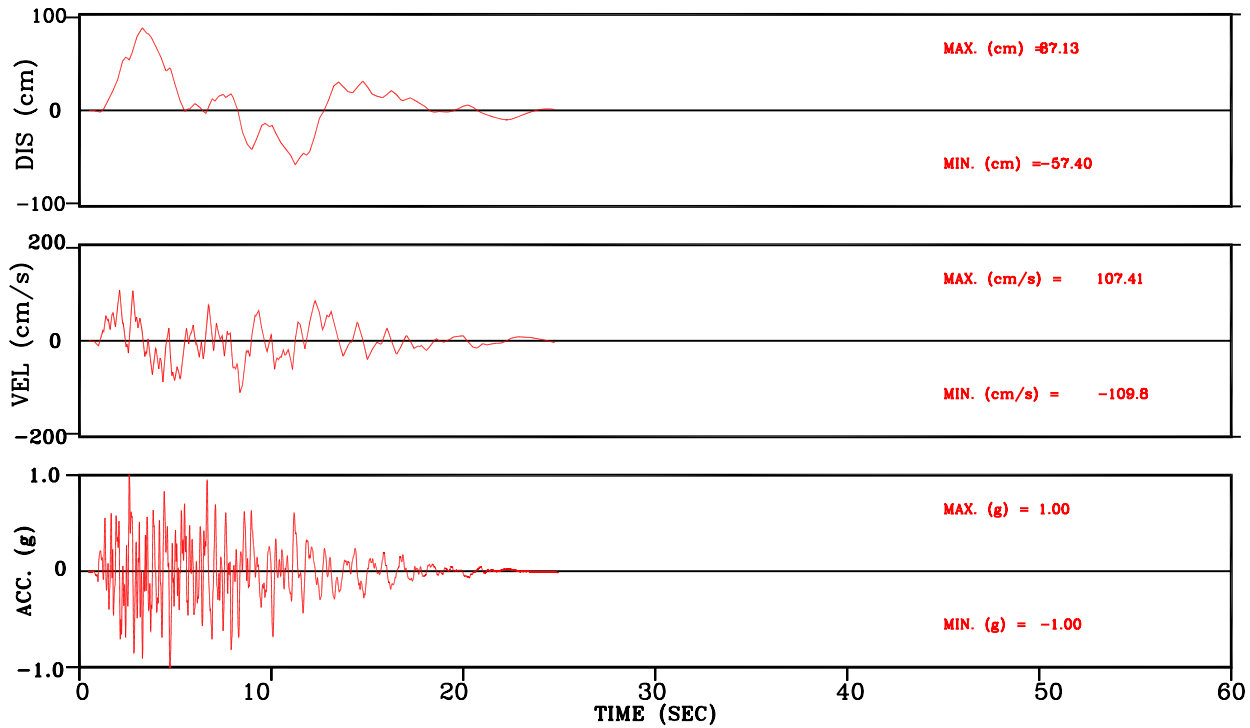


Figure III-99: Set-4 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

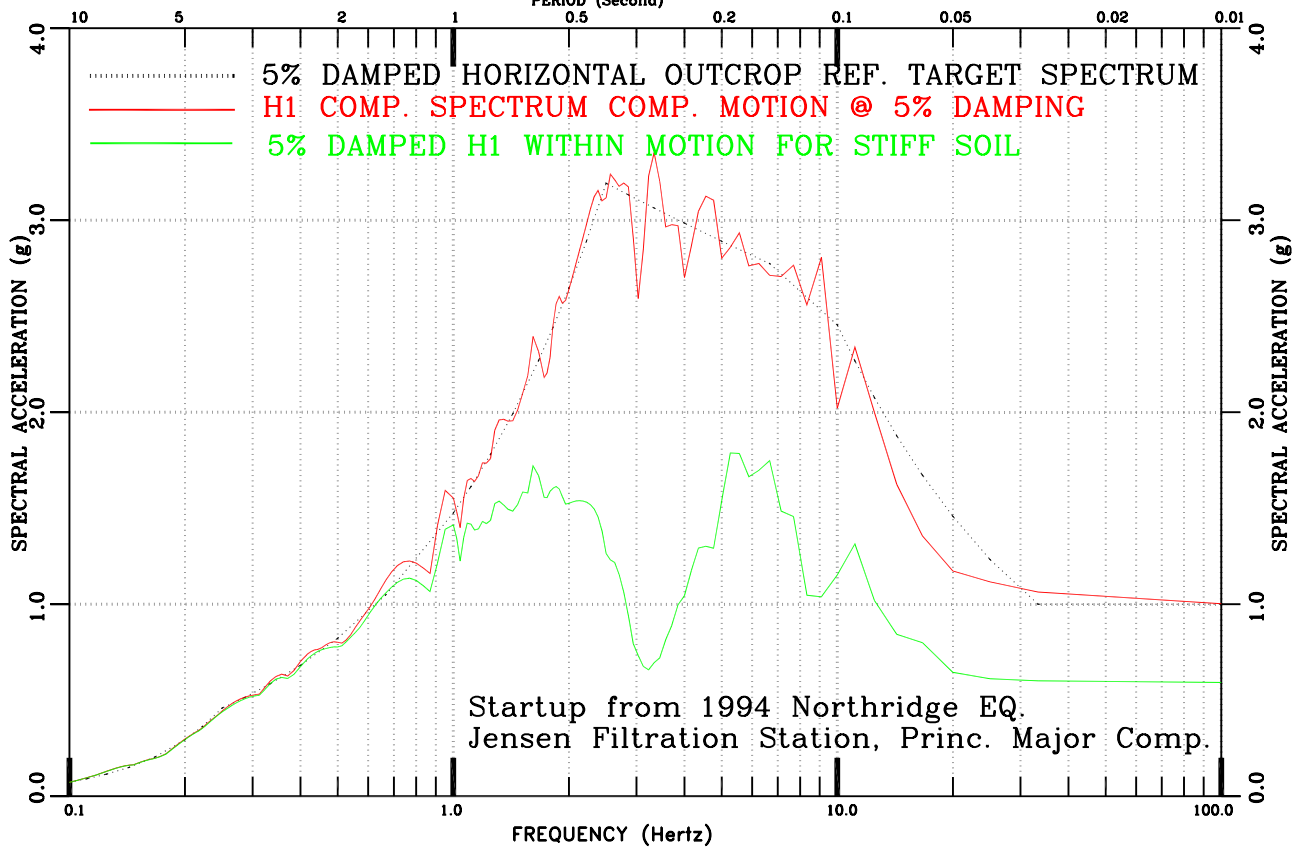
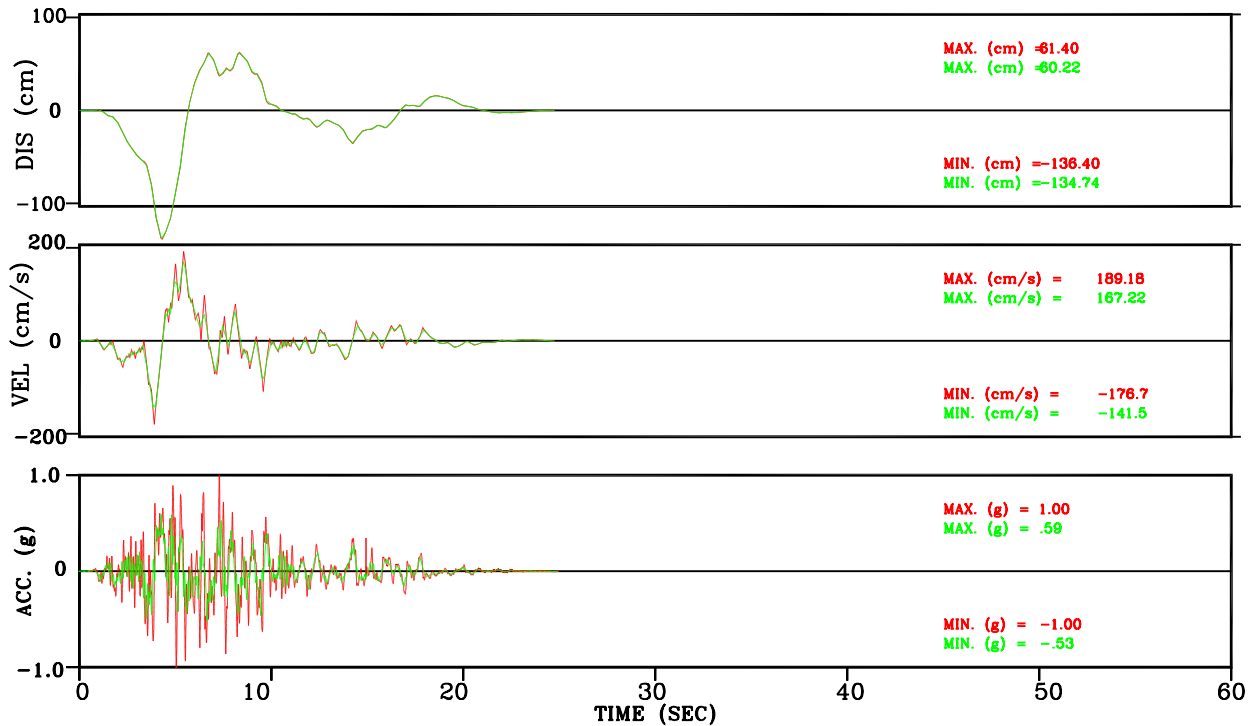


Figure III-100: Within vs. Surface Motion for Stiff Soil
 Set-4 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

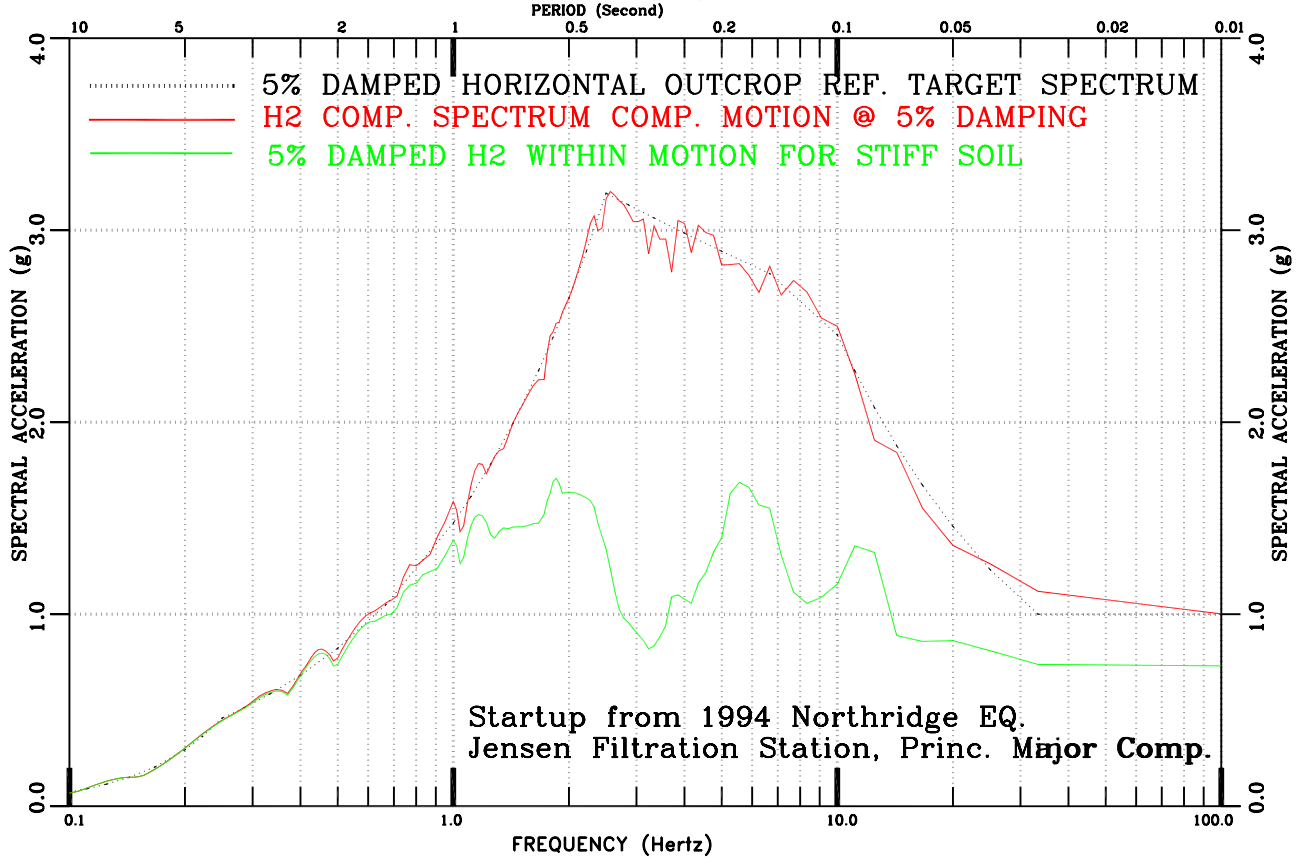
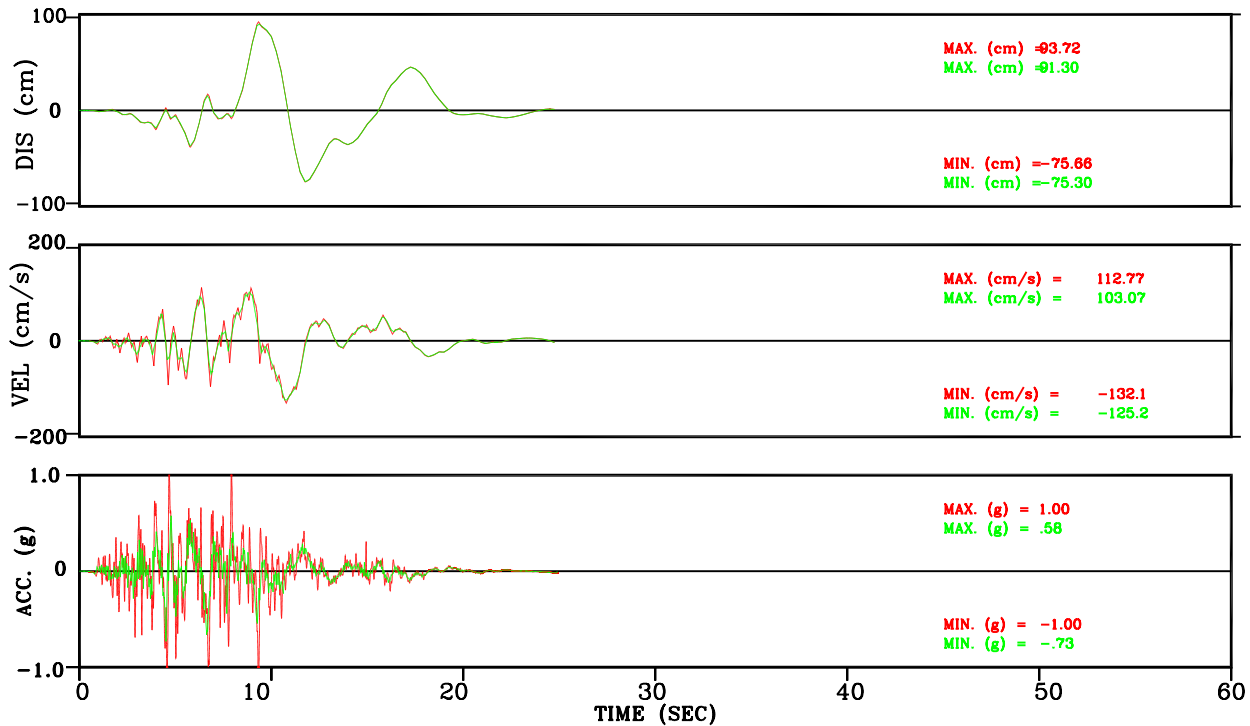


Figure III-101: Within vs. Surface Motion for Stiff Soil
 Set-4 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

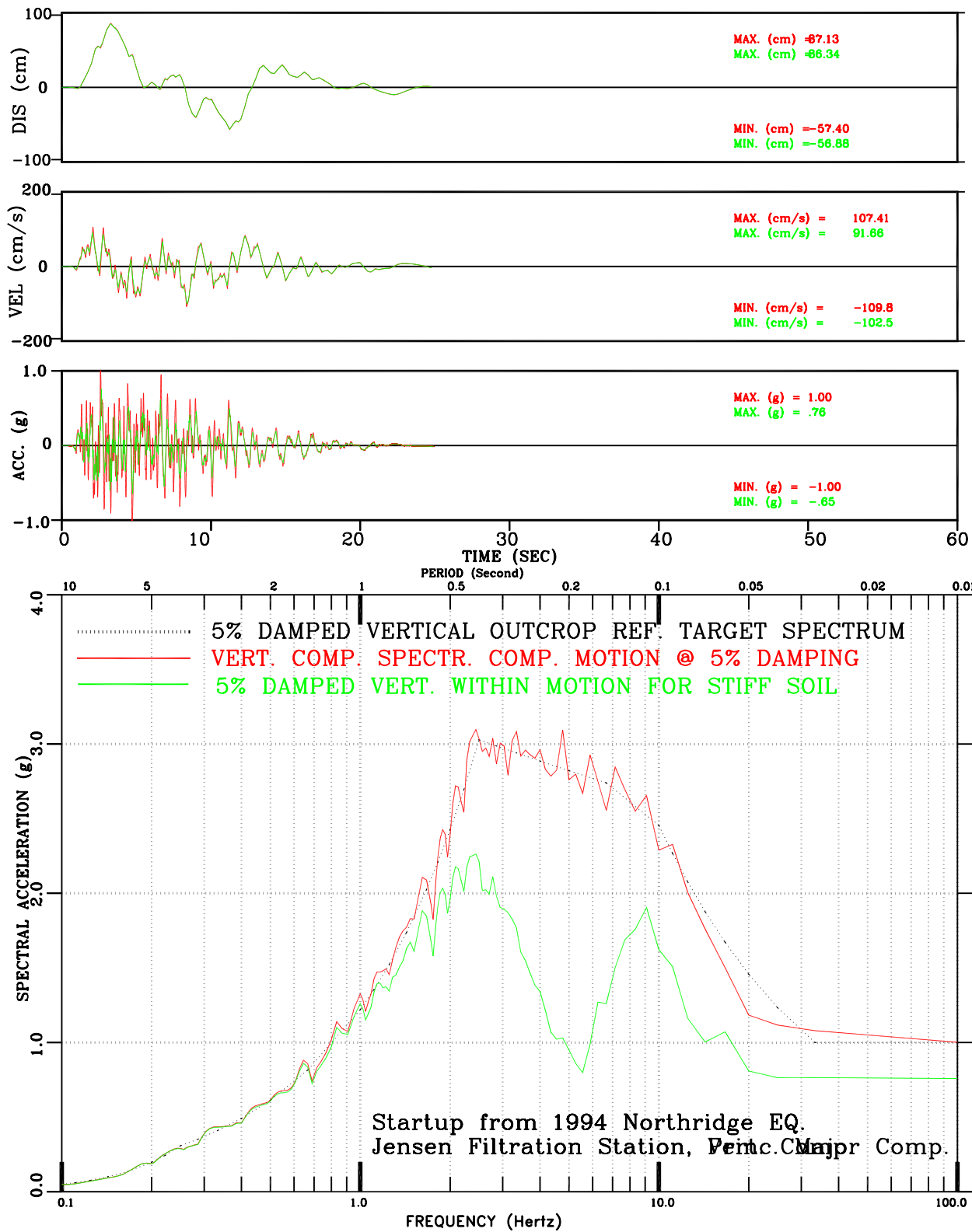


Figure III-102: Within vs. Surface Motion for Stiff Soil
Set-4 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

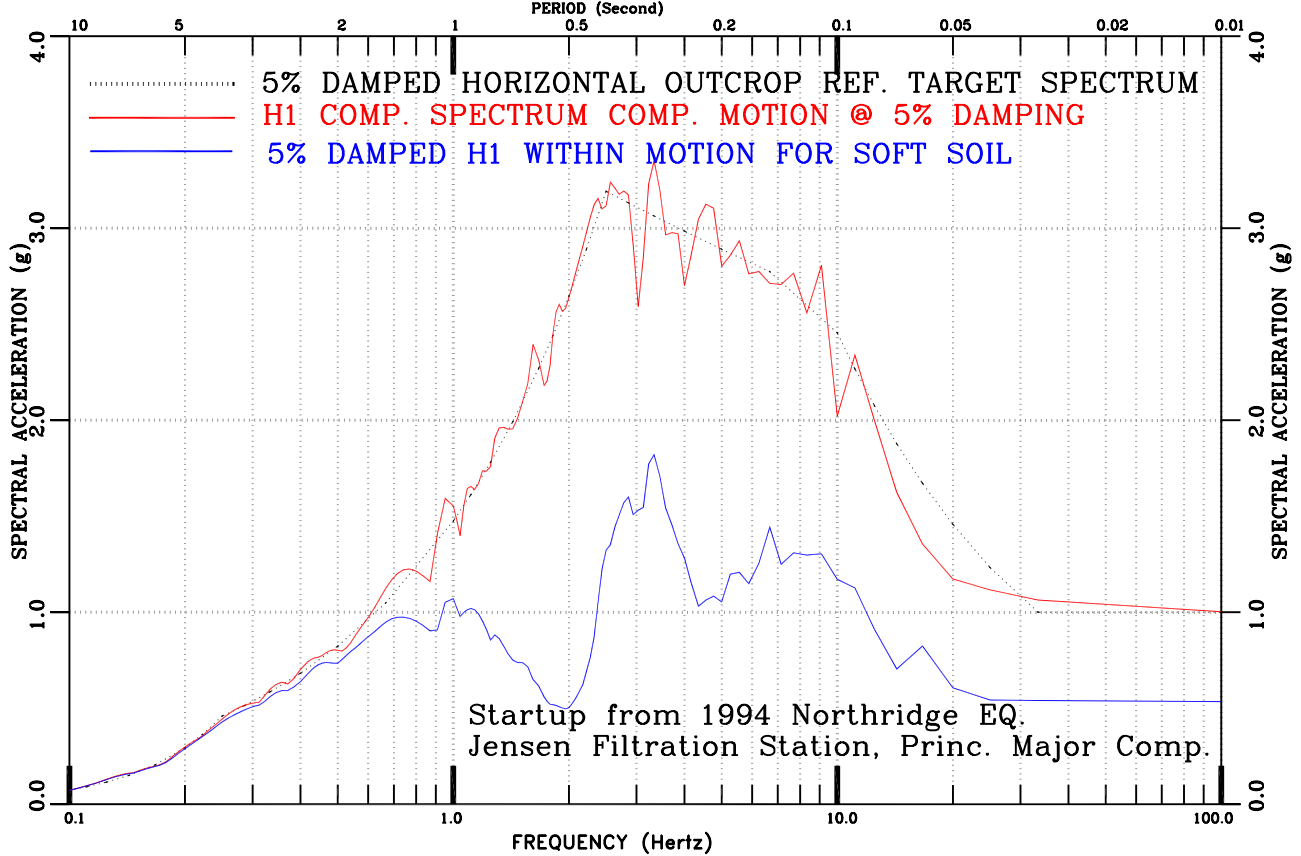
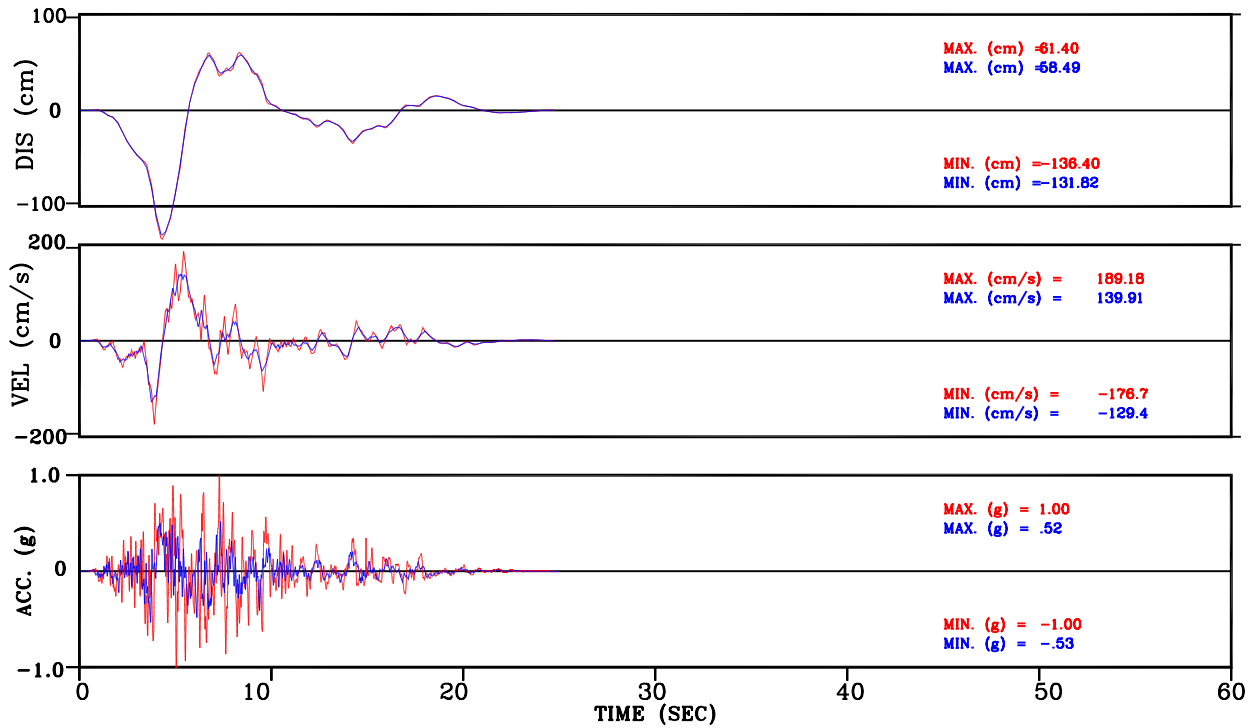


Figure III-103: Within vs. Surface Motion for Soft Soil
 Set-4 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

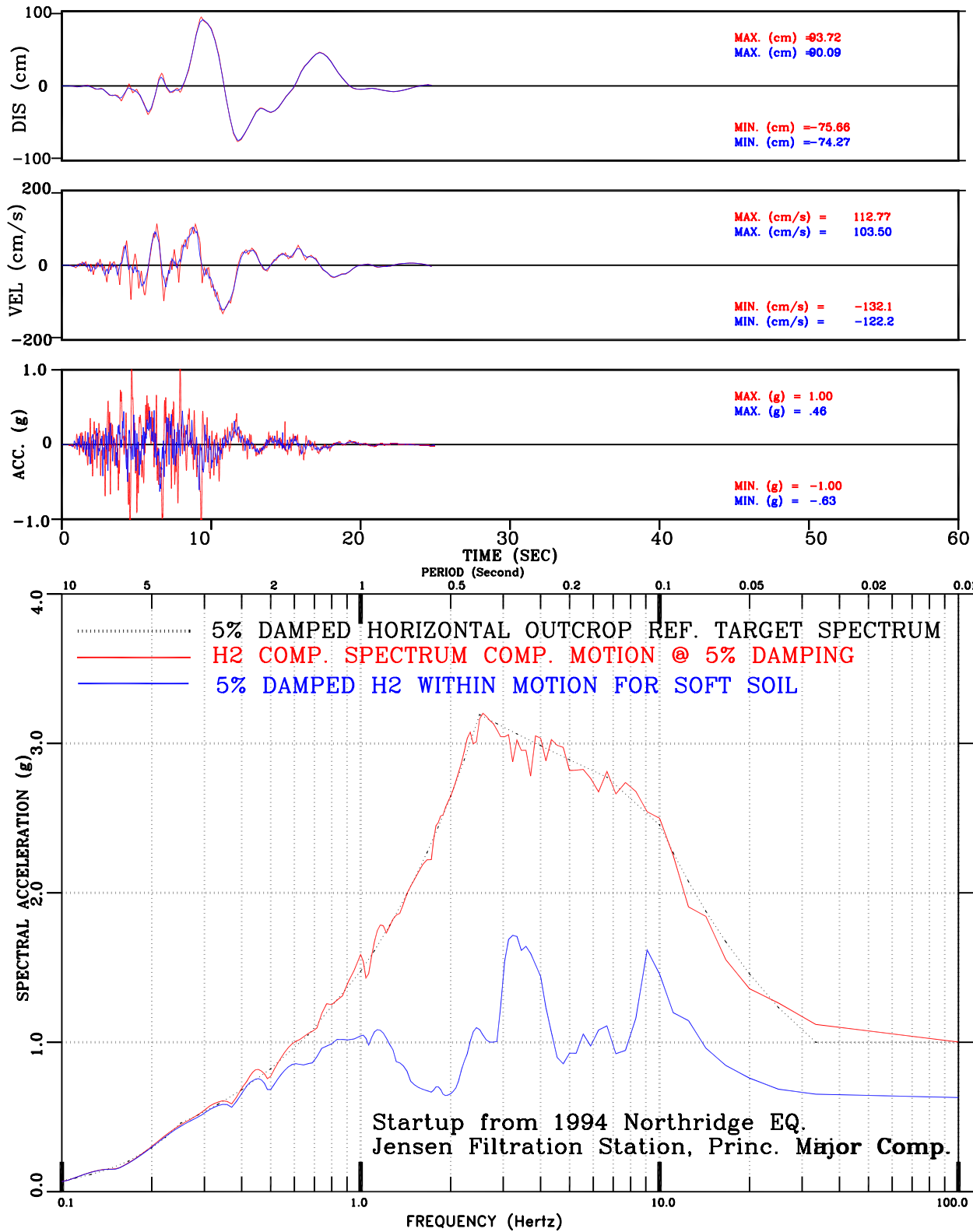


Figure III-104: Within vs. Surface Motion for Soft Soil
Set-4 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

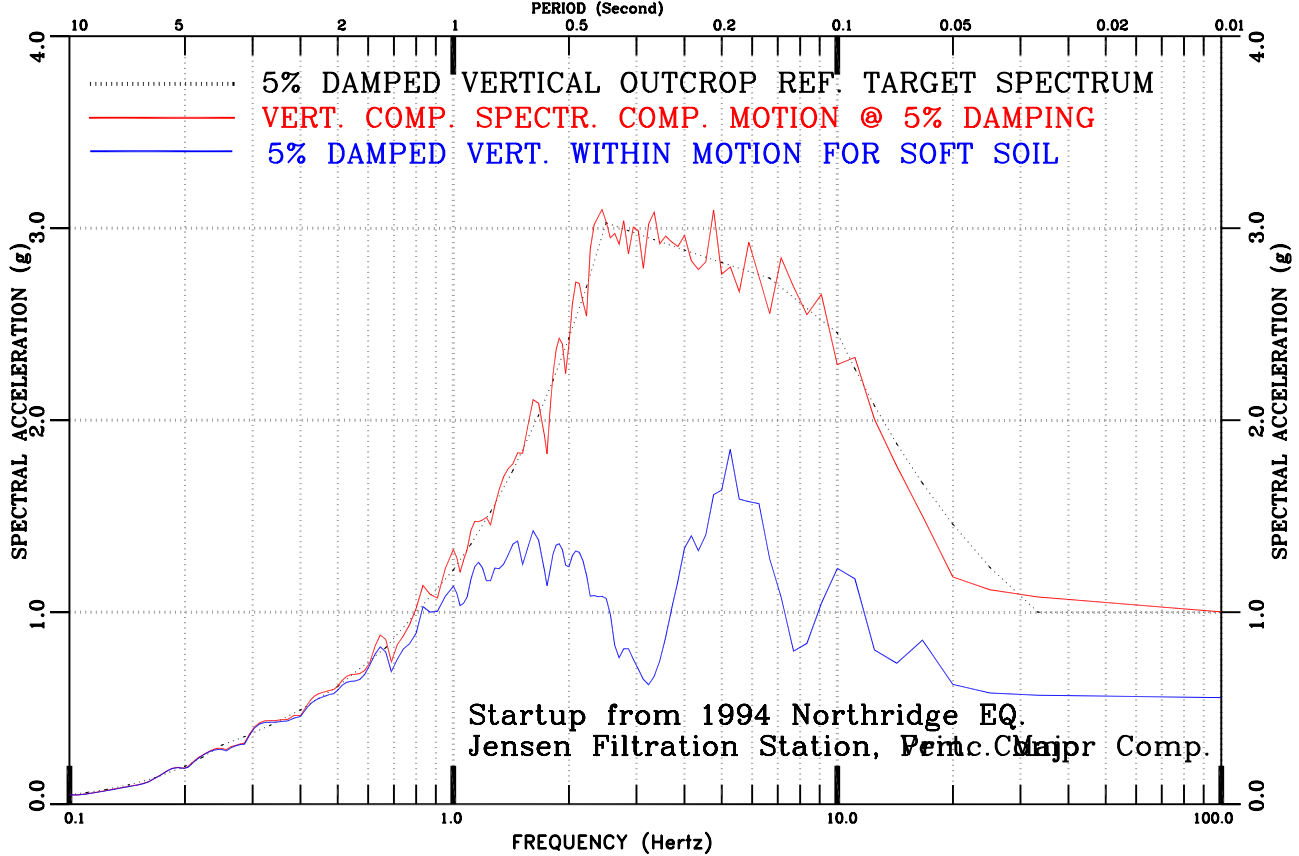
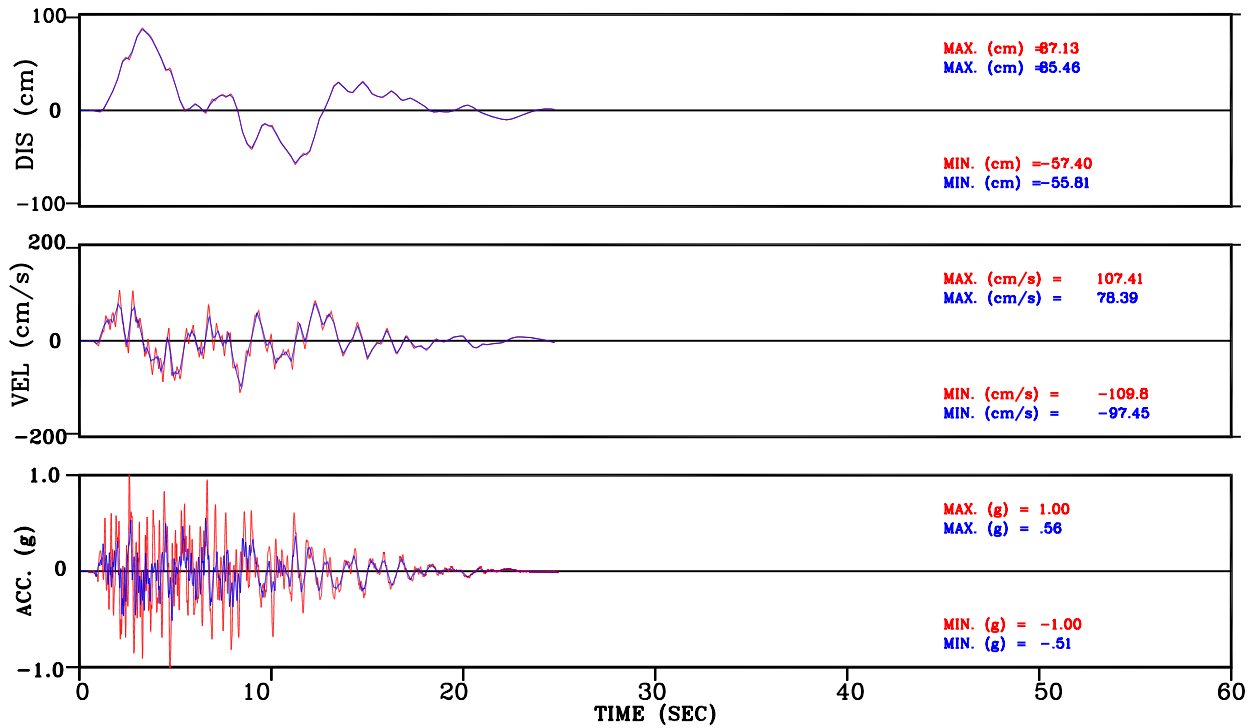


Figure III-105: Within vs. Surface Motion for Soft Soil
 Set-4 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

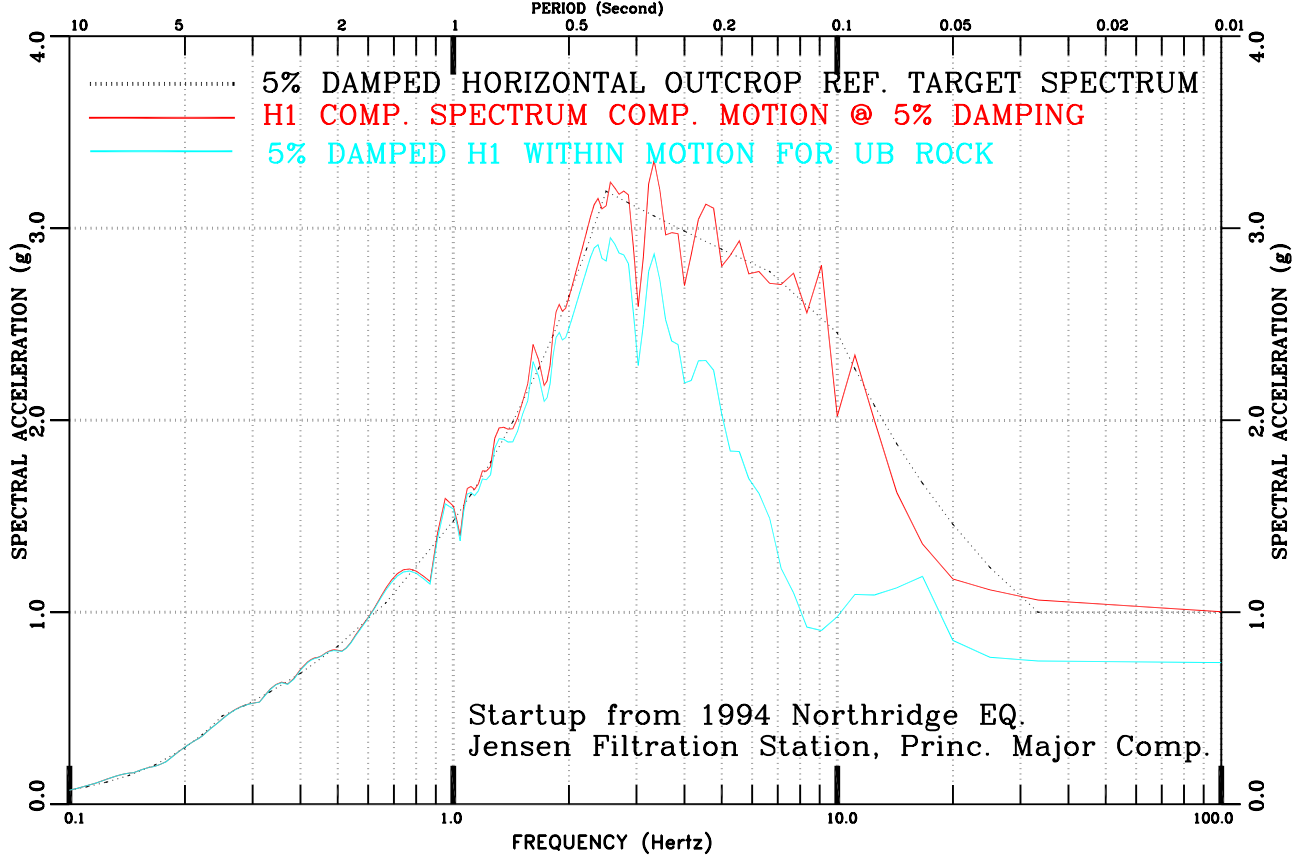
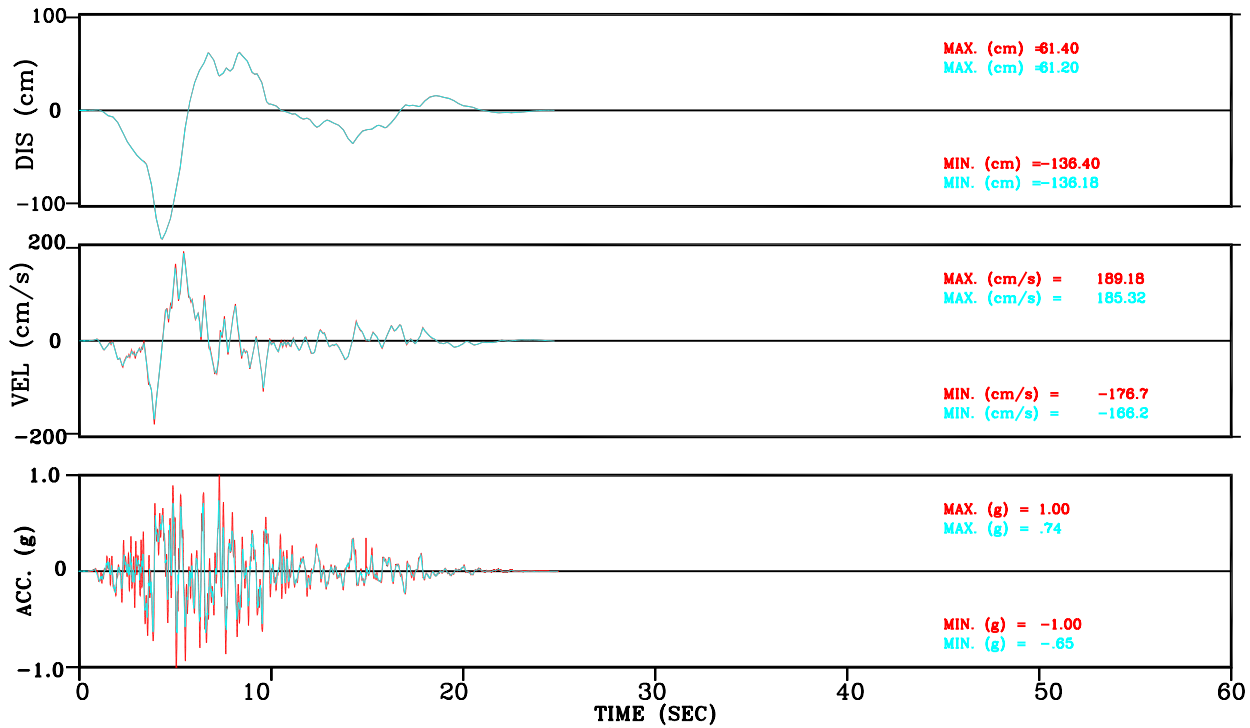


Figure III-106: Within vs. Surface Motion for UB Rock
 Set-4 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

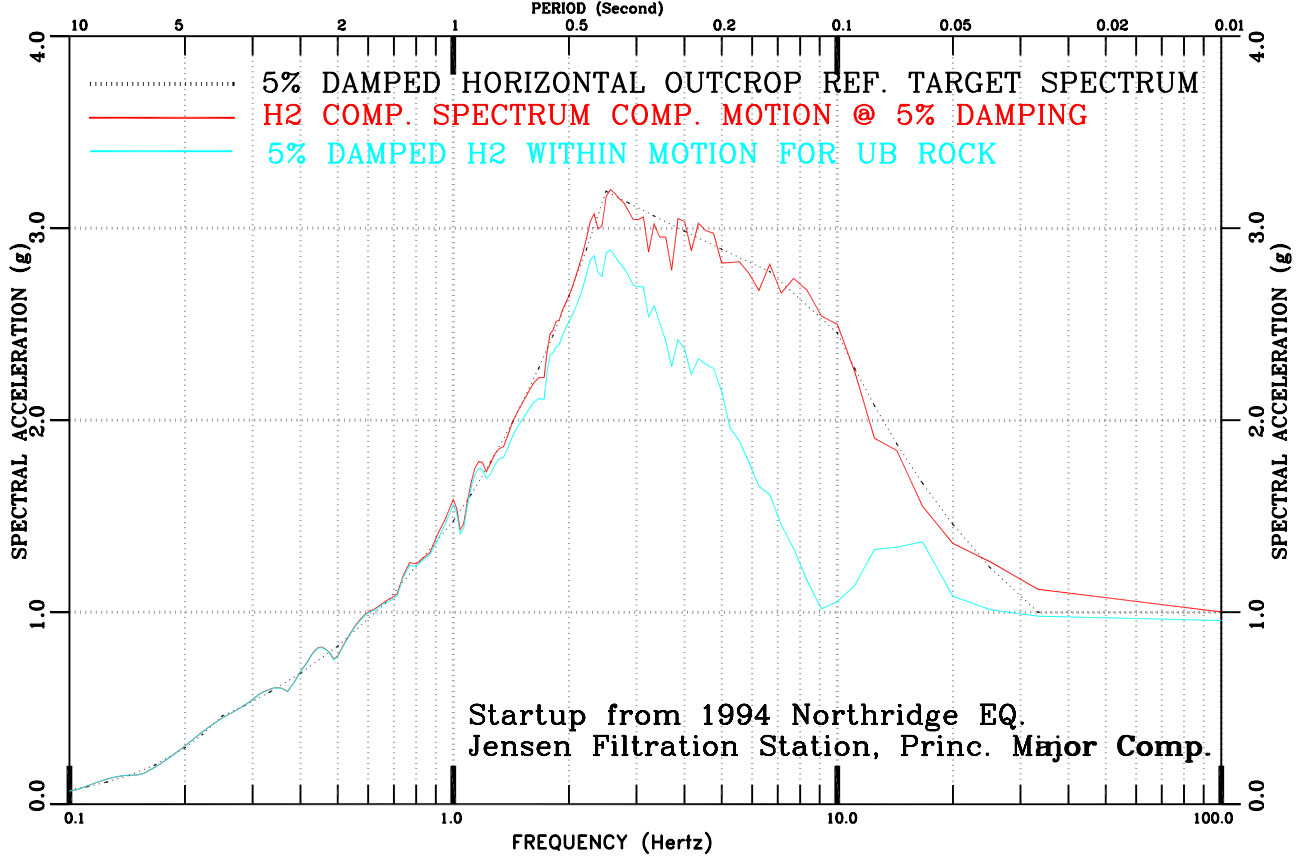
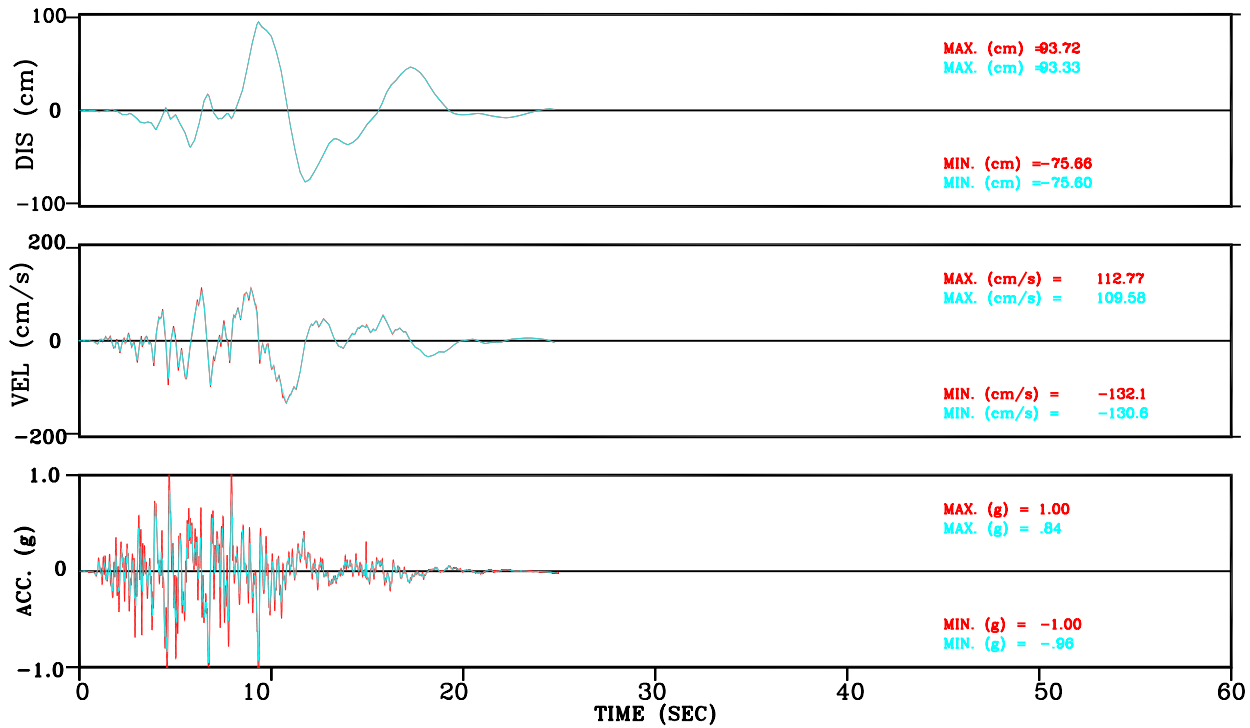


Figure III-107: Within vs. Surface Motion for UB Rock
 Set-4 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

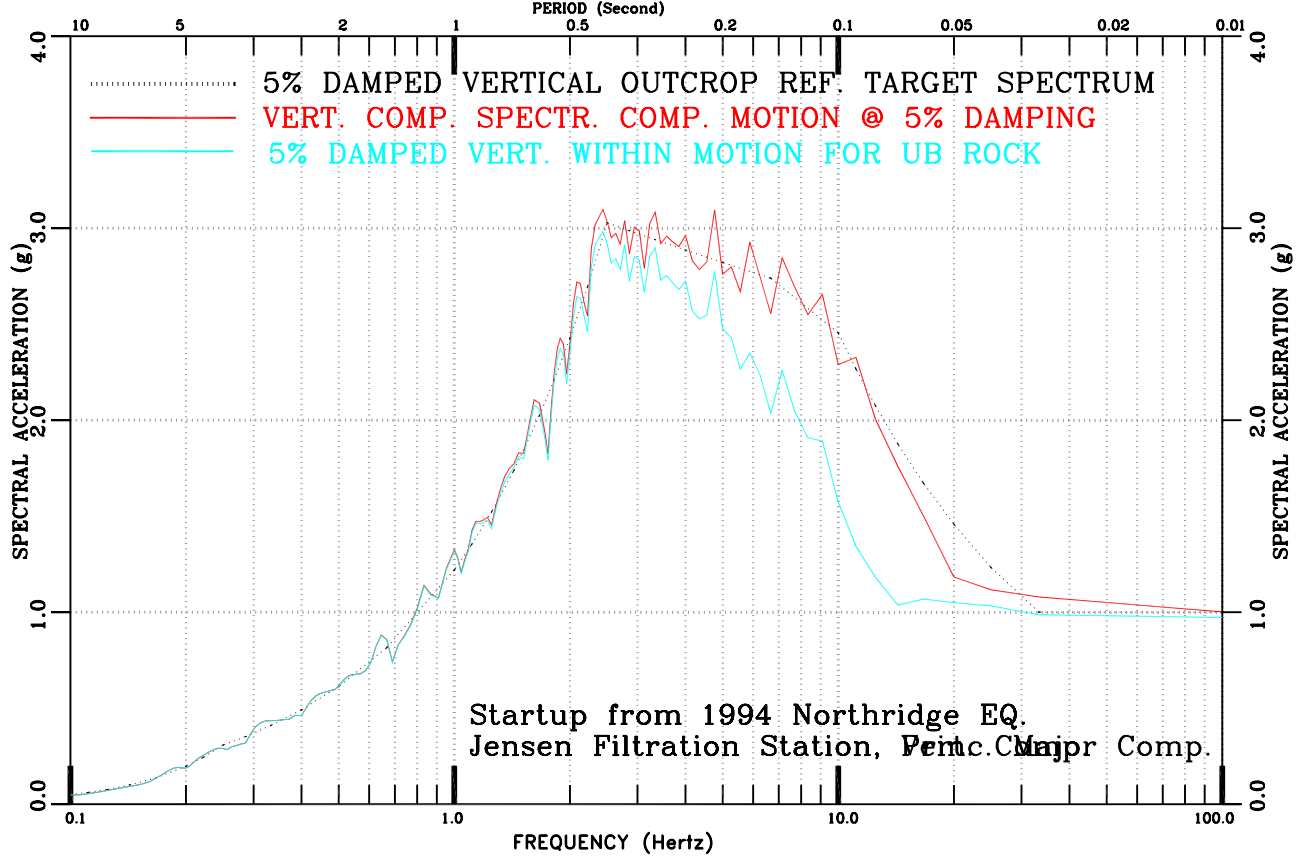
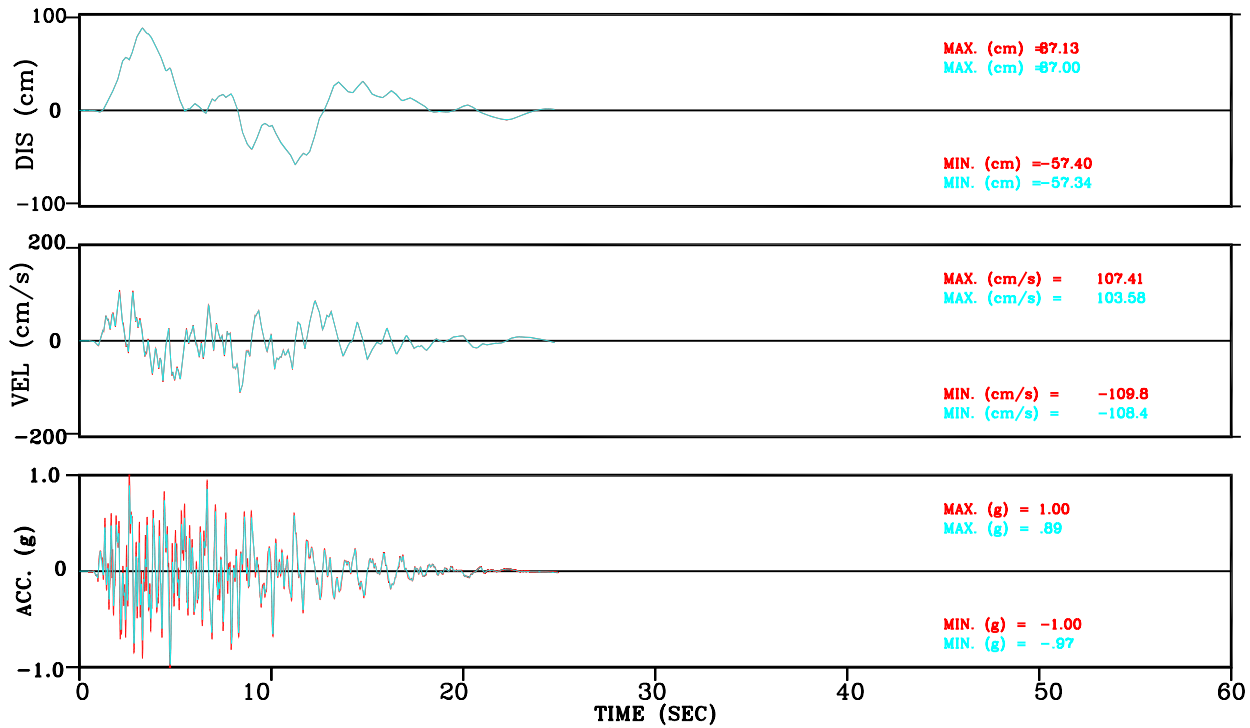


Figure III-108: Within vs. Surface Motion for UB Rock Set-4 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

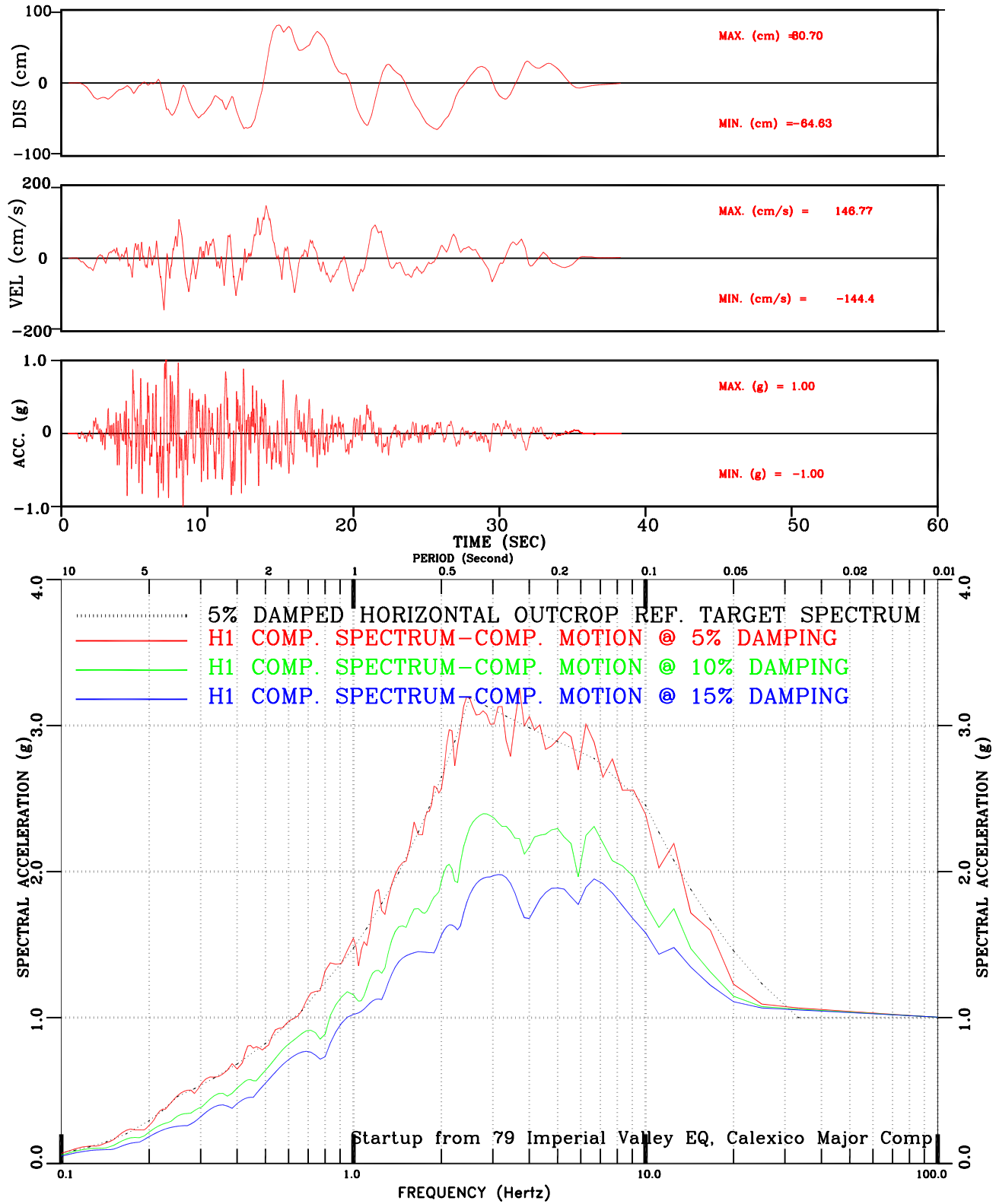


Figure III-109: Set-5 H1 Comp. Motion Conforming to REGULATORY GUIDE 1.60 Spectral Shape

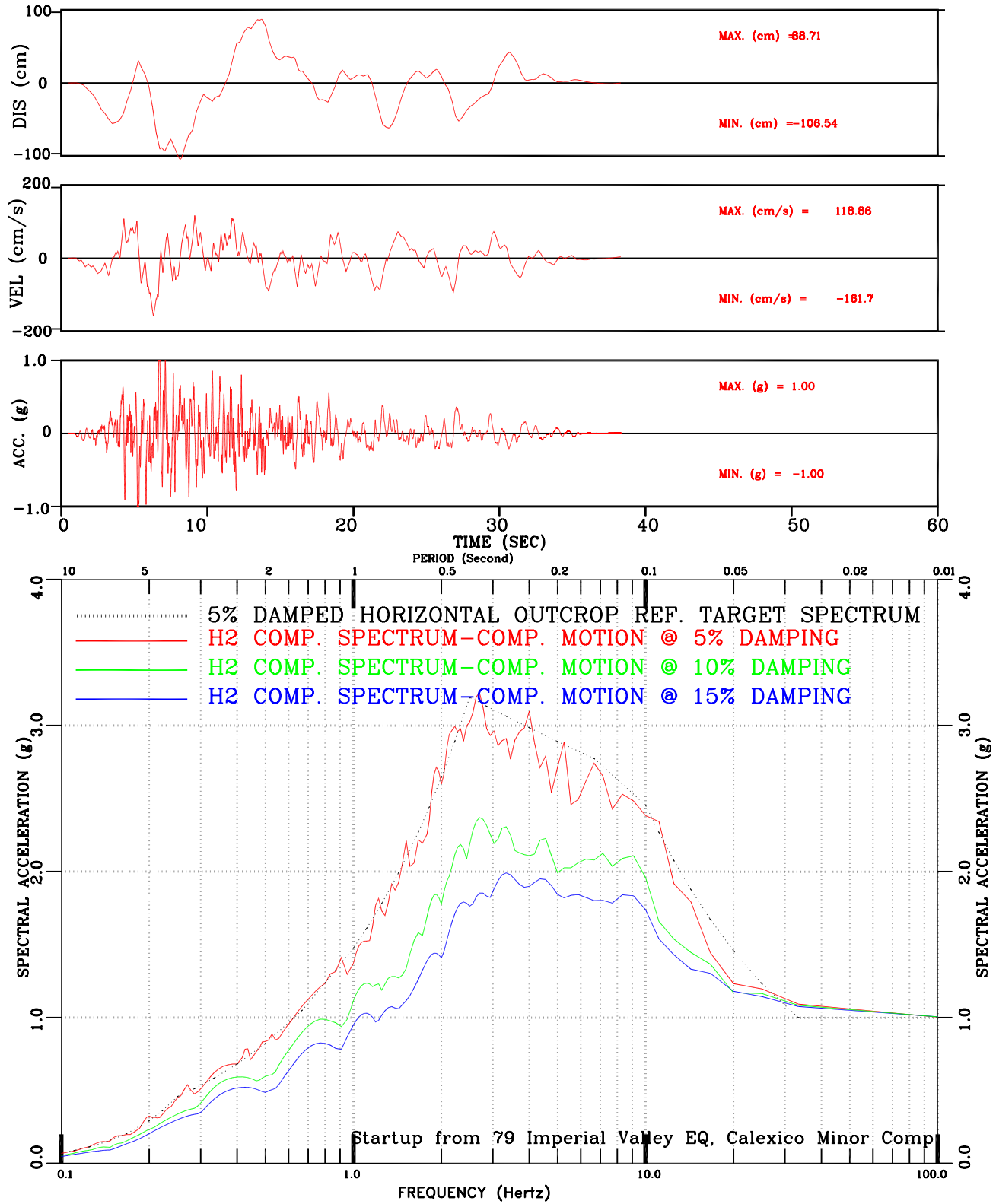


Figure III-110: Set-5 H2 Comp. Motion Conforming to REGULATORY GUIDE 1.60 Spectral Shape

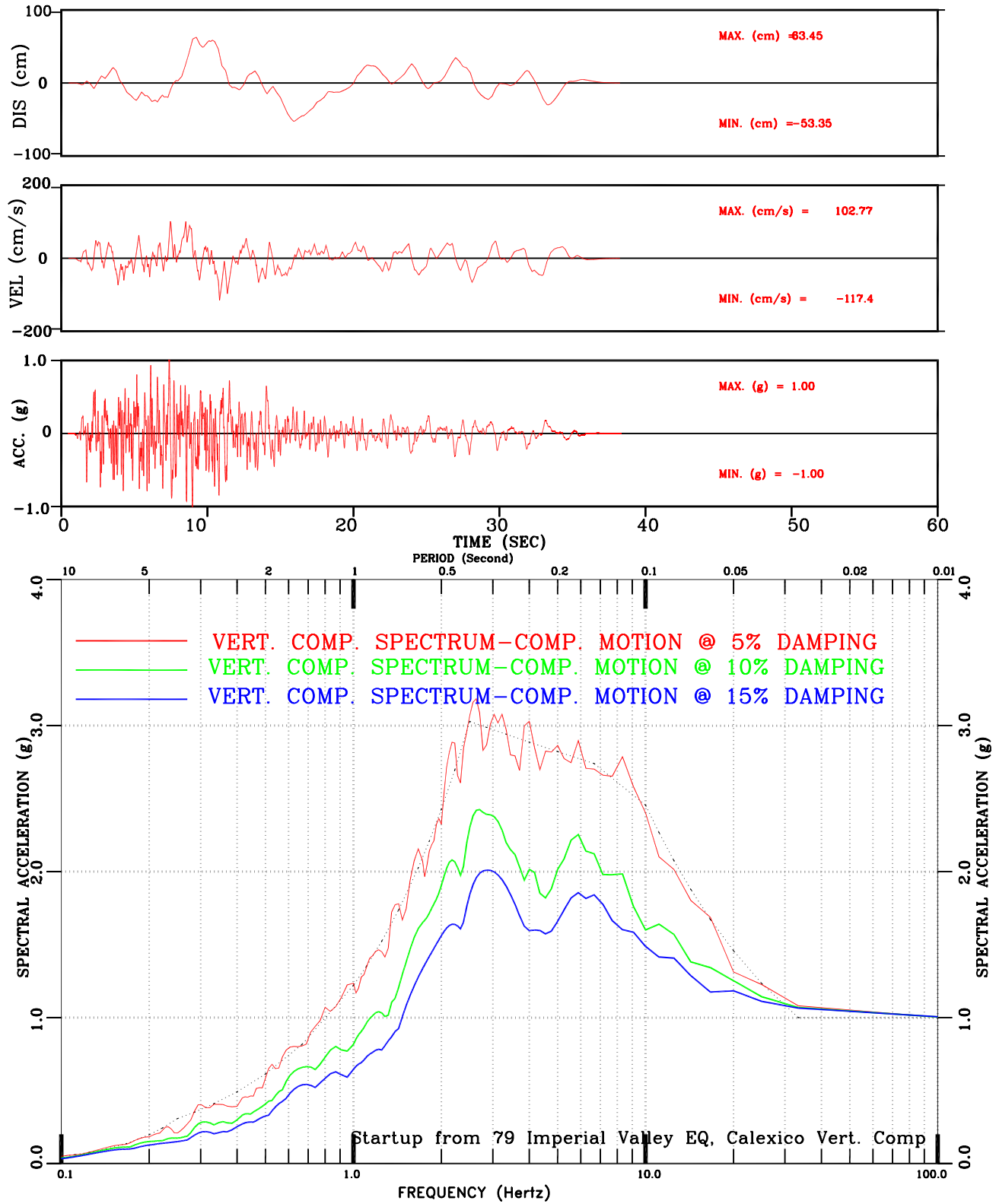


Figure III-111: Set-5 Vert Comp. Motion Conforming to REGULATORY GUIDE 1.60 Spectral Shape

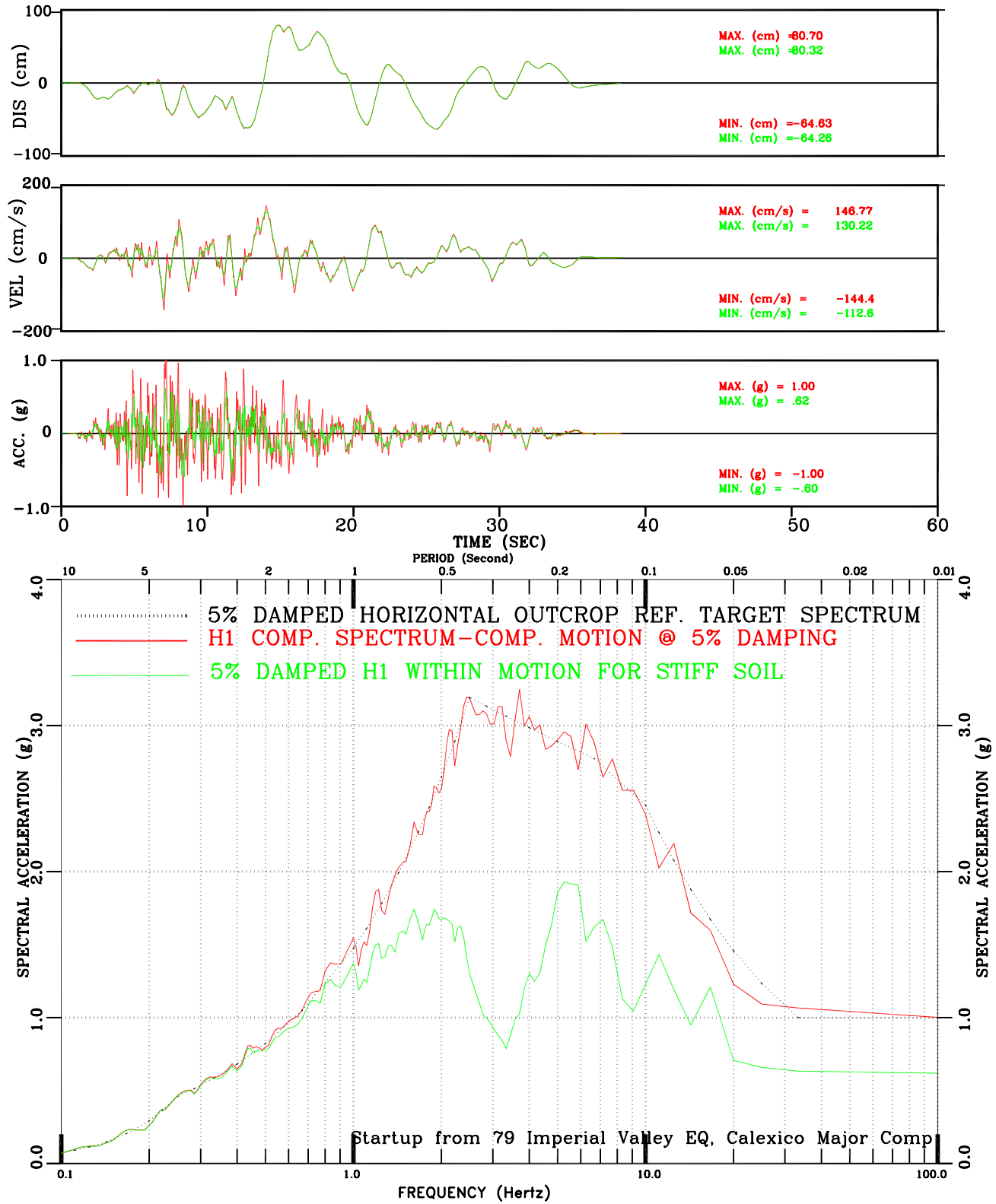


Figure III-112: Within vs. Surface Motion for Stiff Soil
 Set-5 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

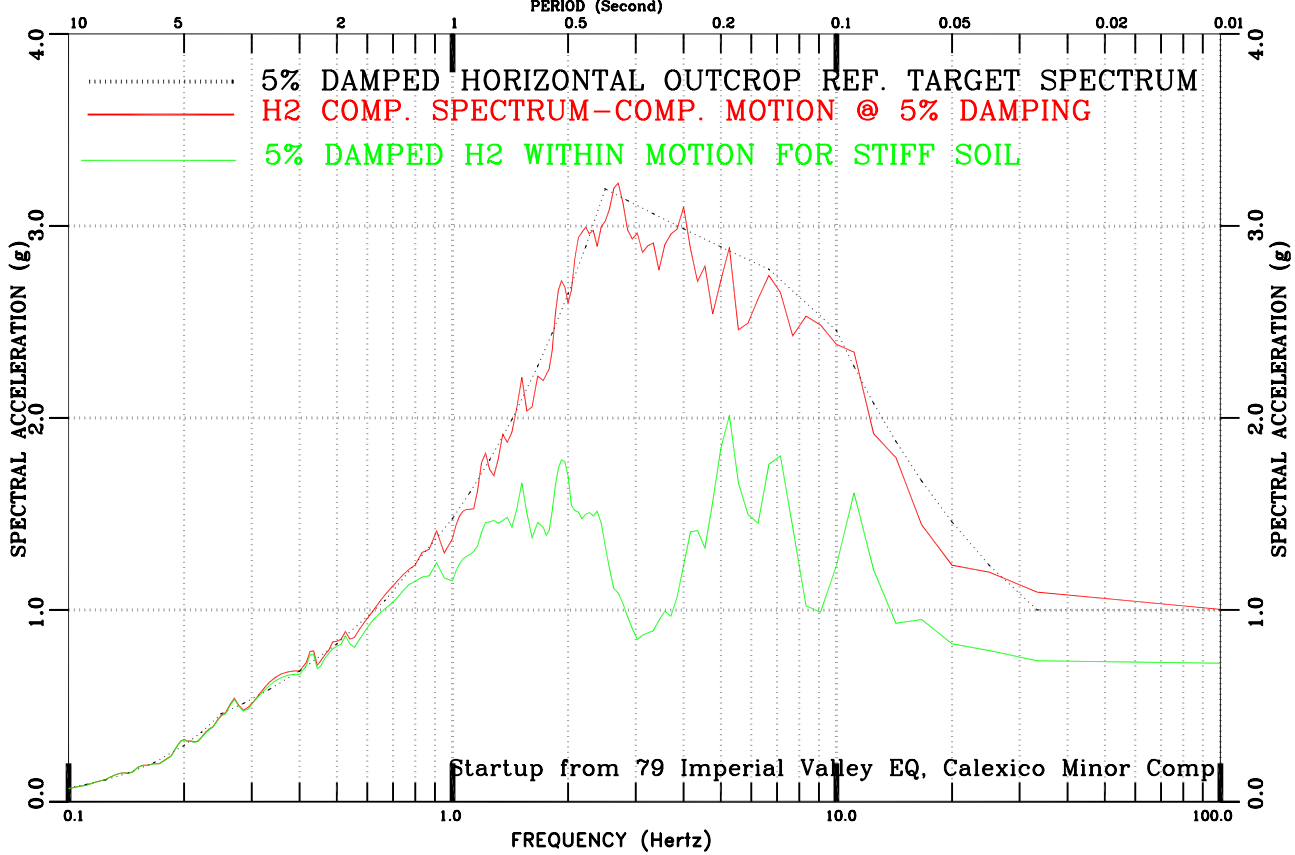
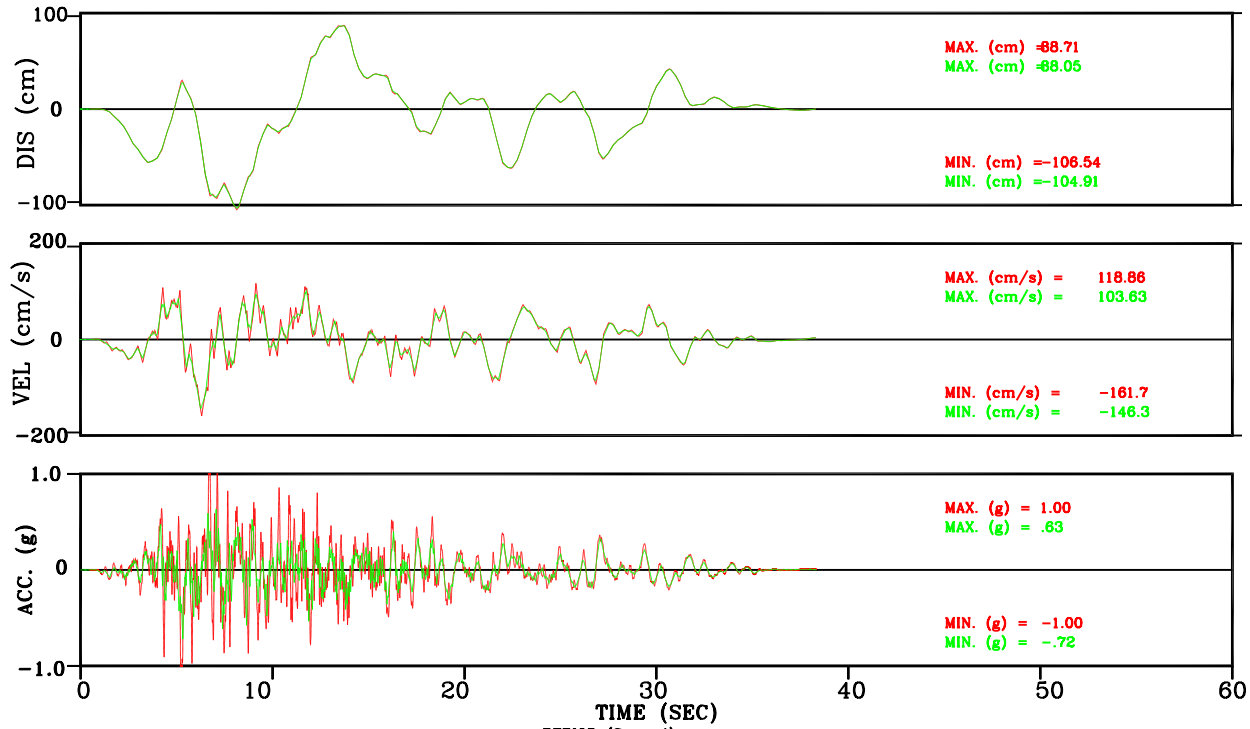


Figure III-113: Within vs. Surface Motion for Stiff Soil
 Set-5 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

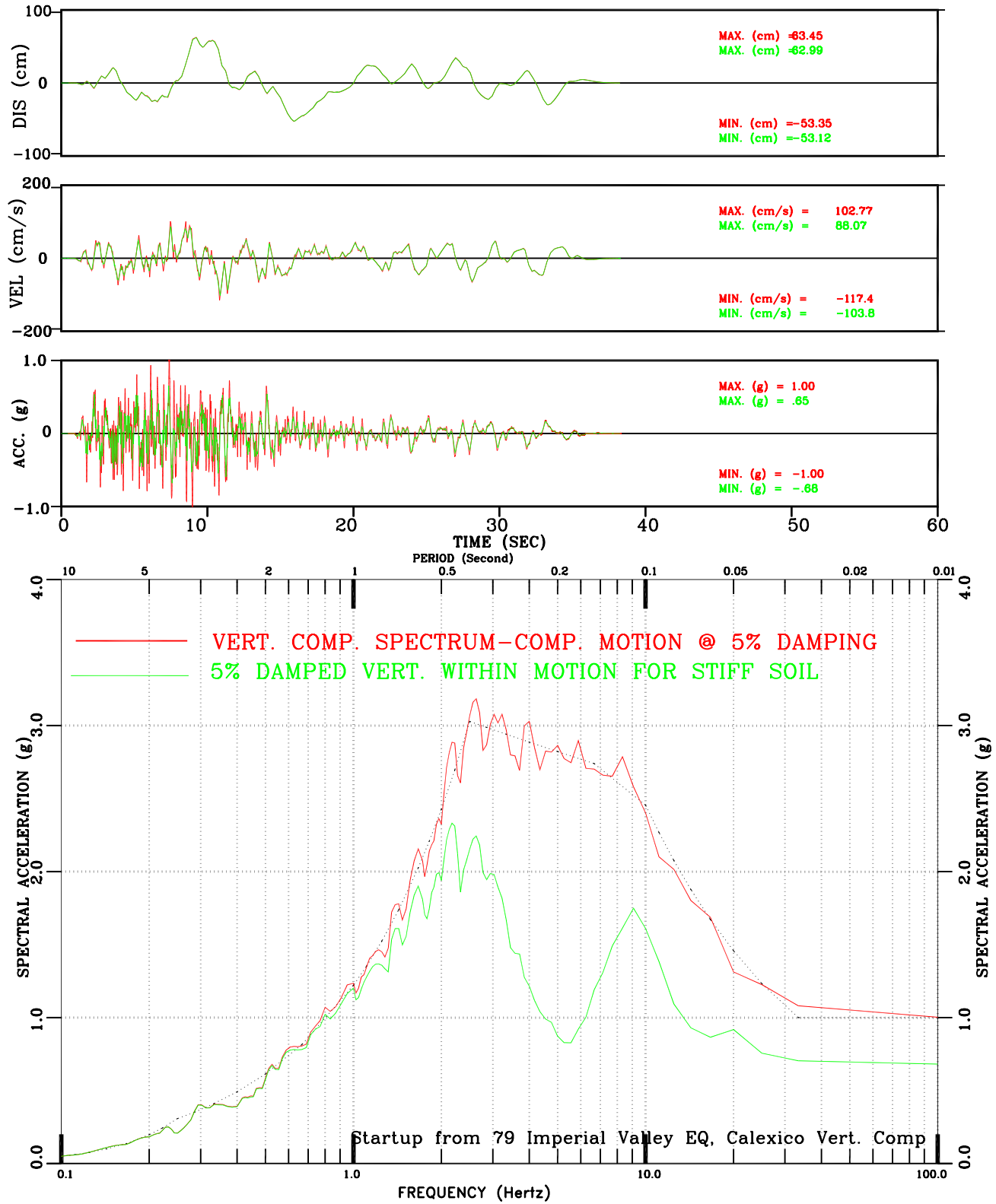


Figure III-114: Within vs. Surface Motion for Stiff Soil
Set-5 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

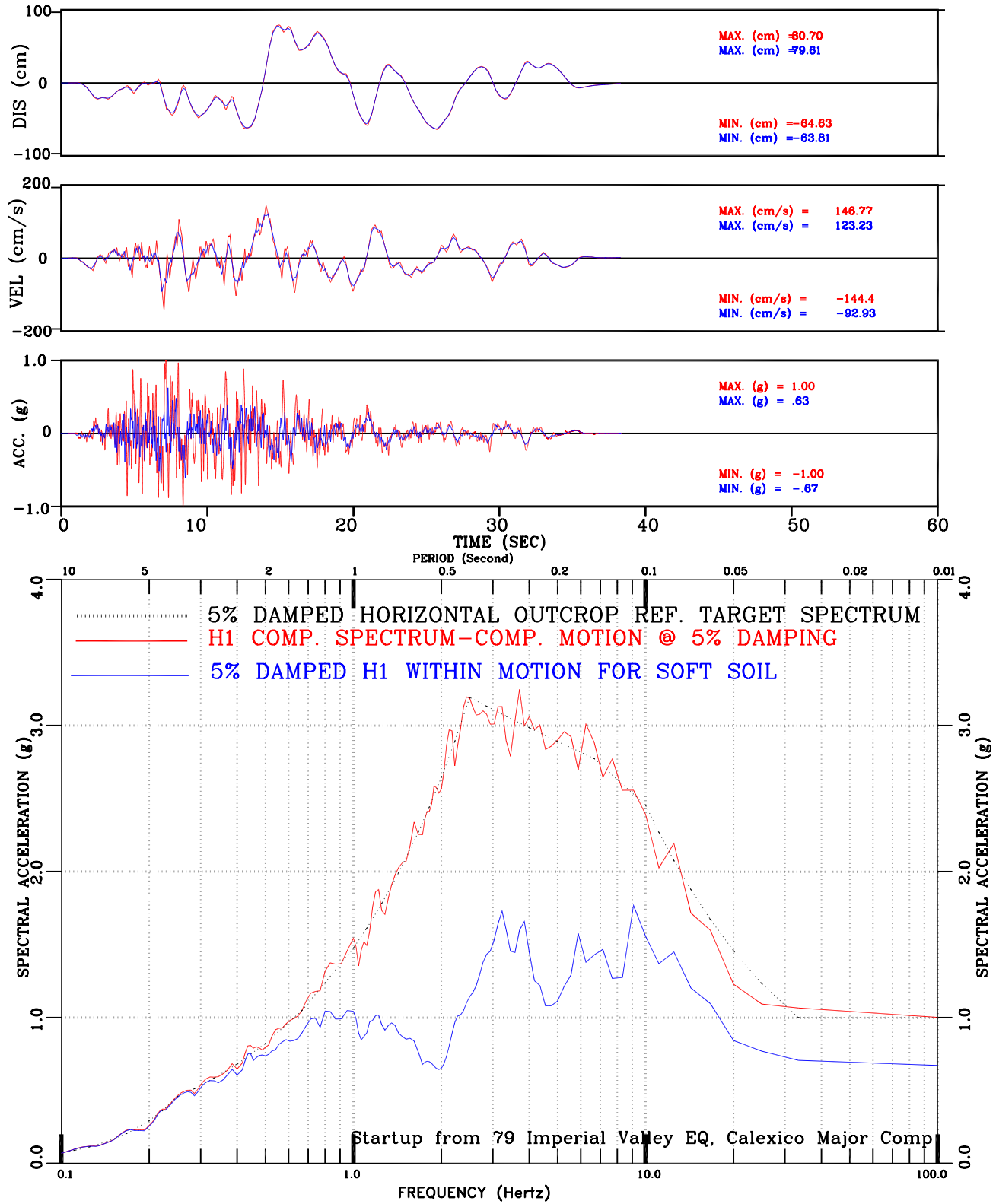


Figure III-115: Within vs. Surface Motion for Soft Soil
 Set-5 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

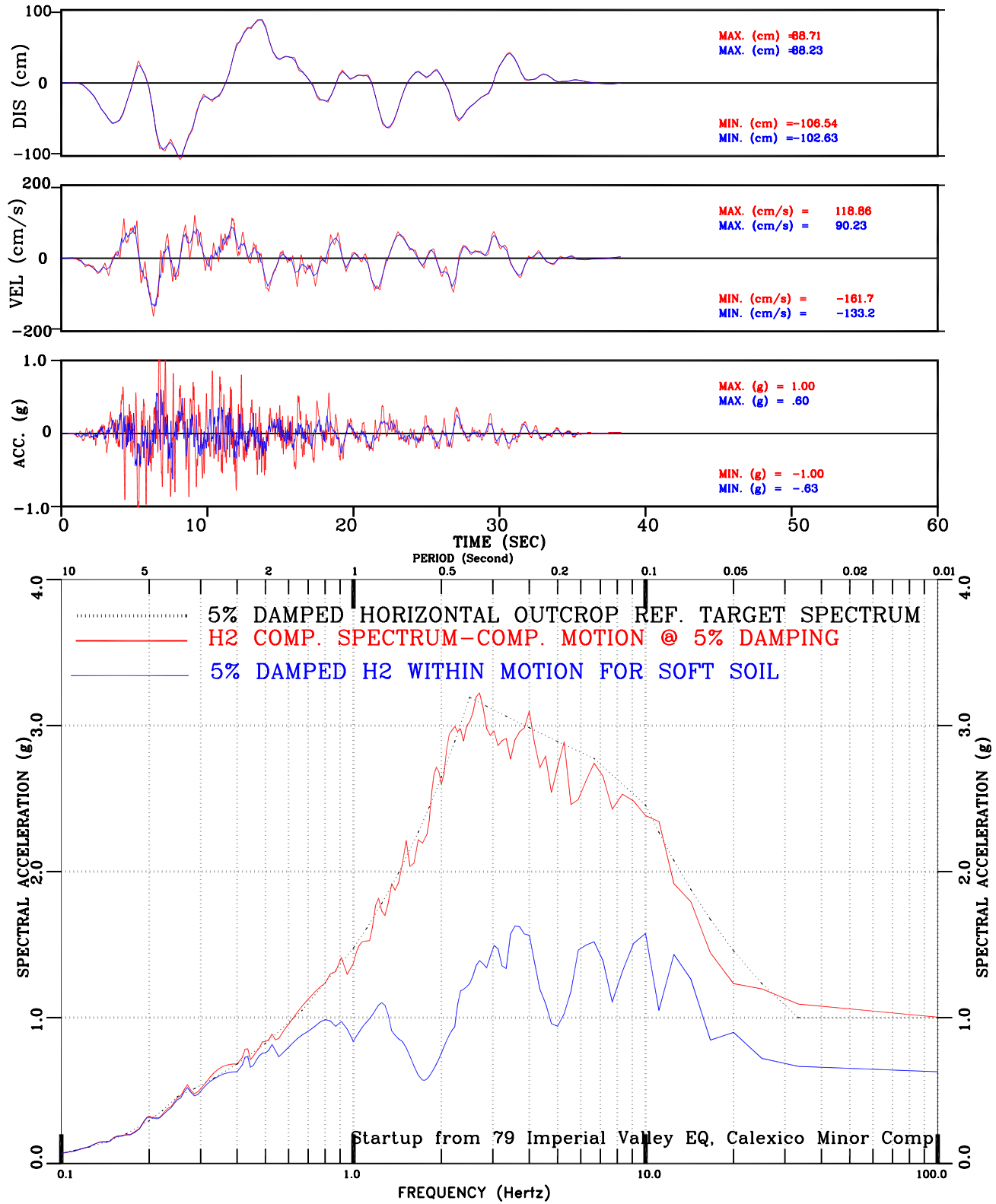


Figure III-116: Within vs. Surface Motion for Soft Soil
 Set-5 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

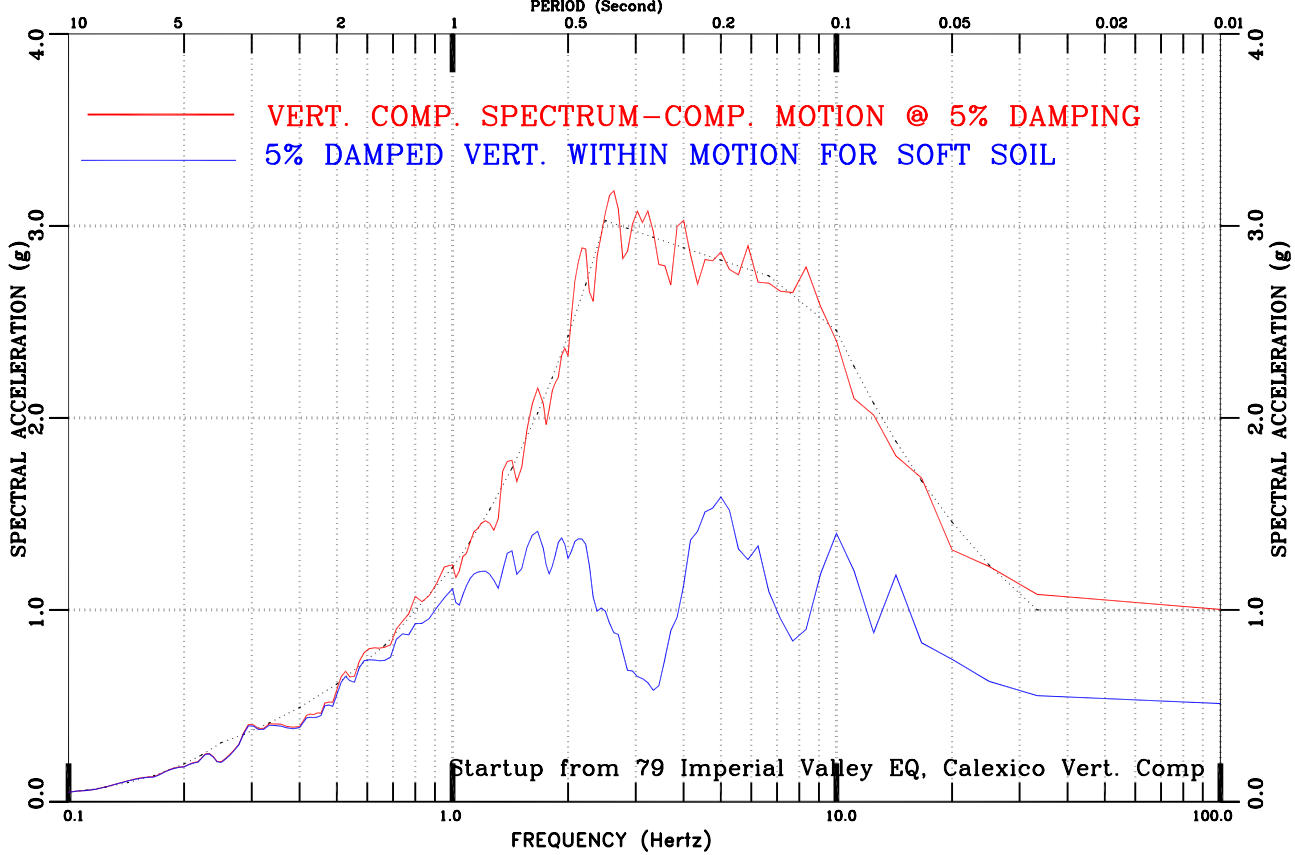
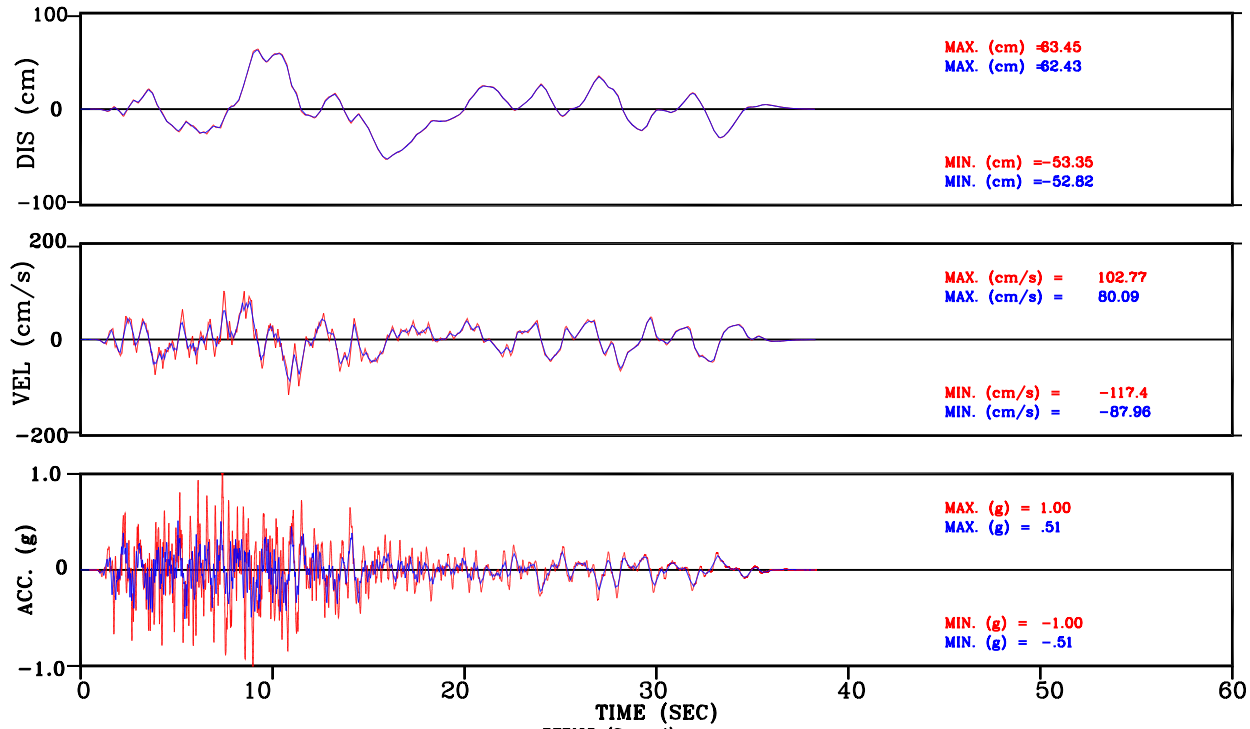


Figure III-117: Within vs. Surface Motion for Soft Soil
 Set-5 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

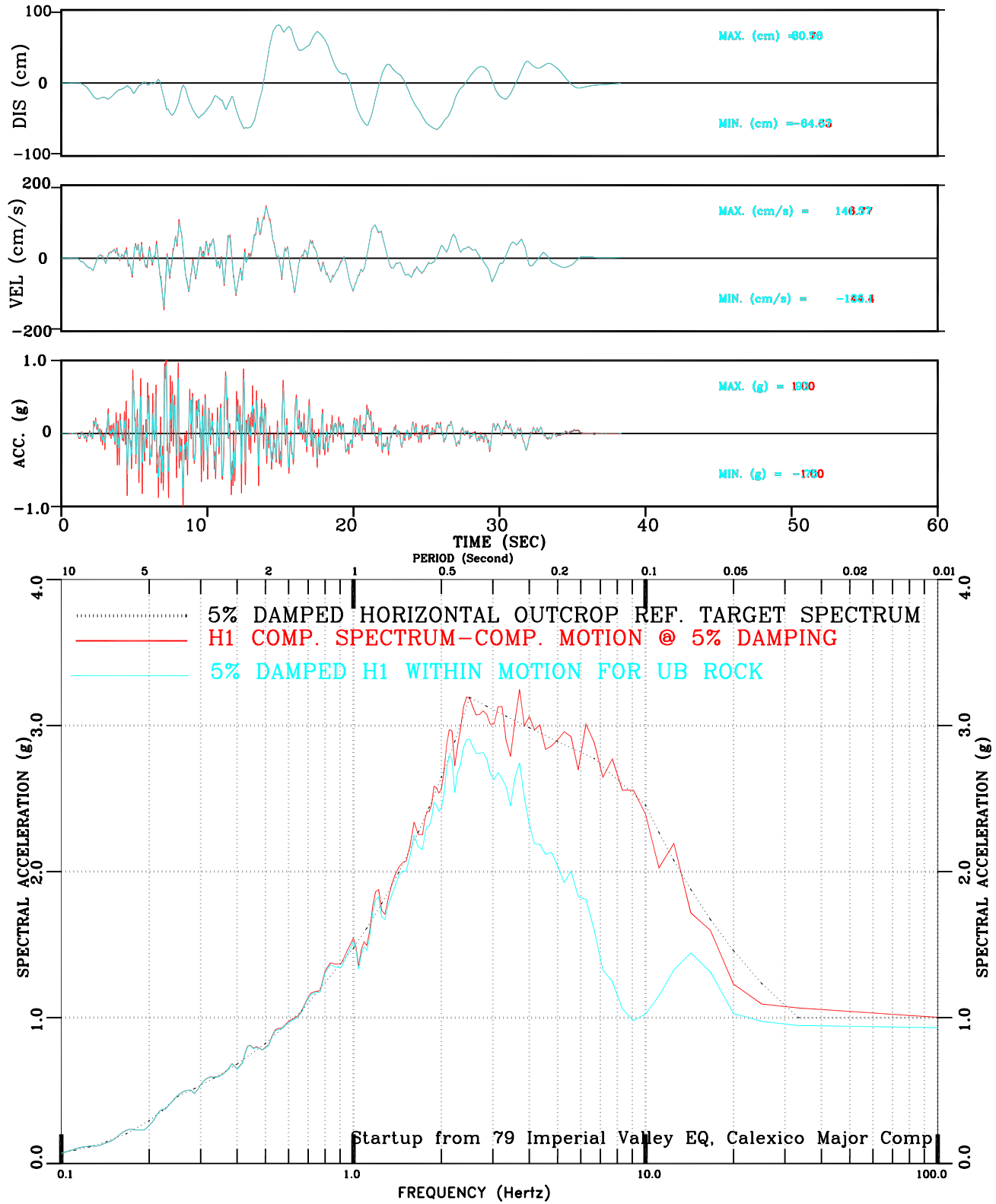


Figure III-118: Within vs. Surface Motion for UB Rock
 Set-5 H1 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

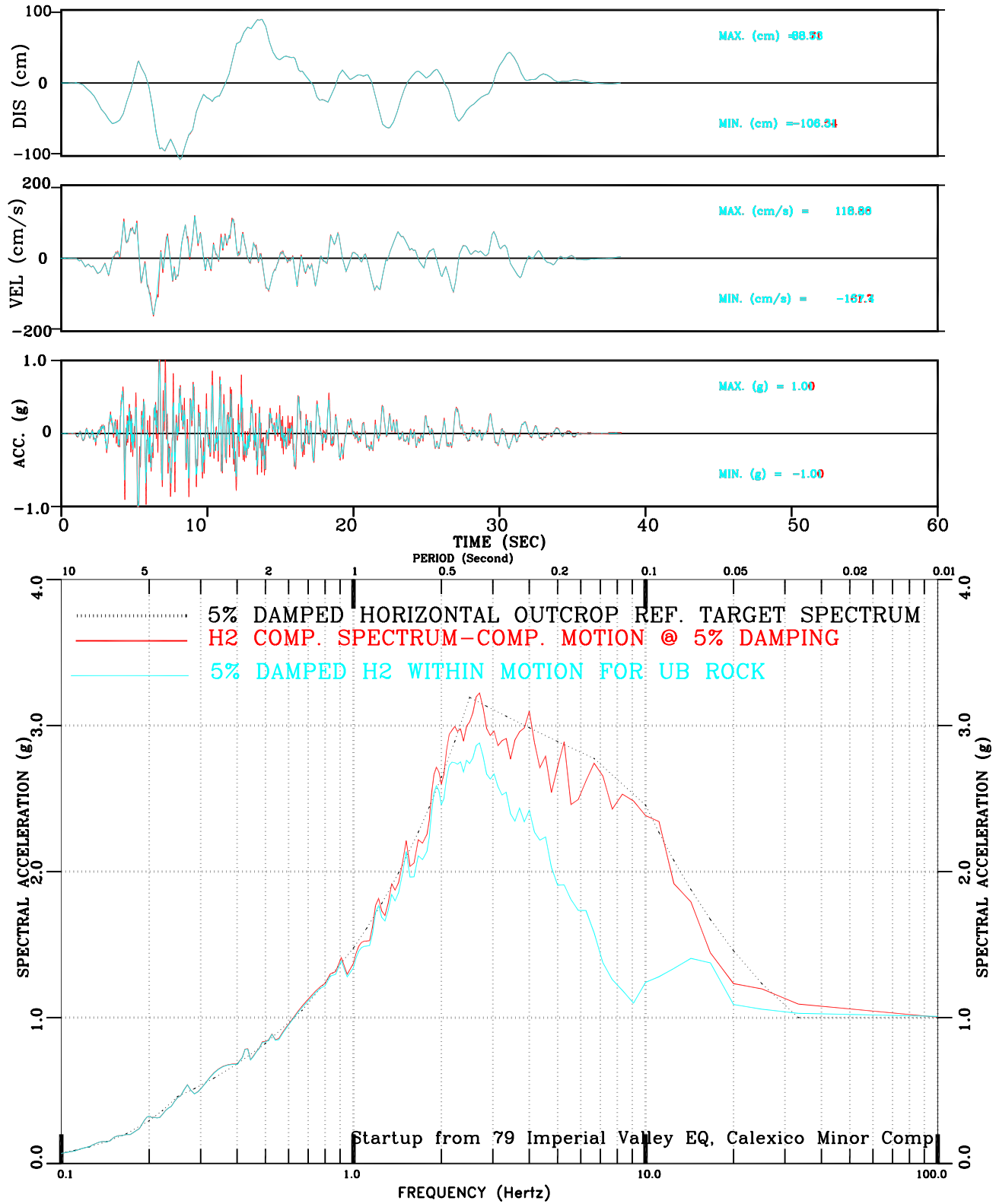


Figure III-119: Within vs. Surface Motion for UB Rock
 Set-5 H2 Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

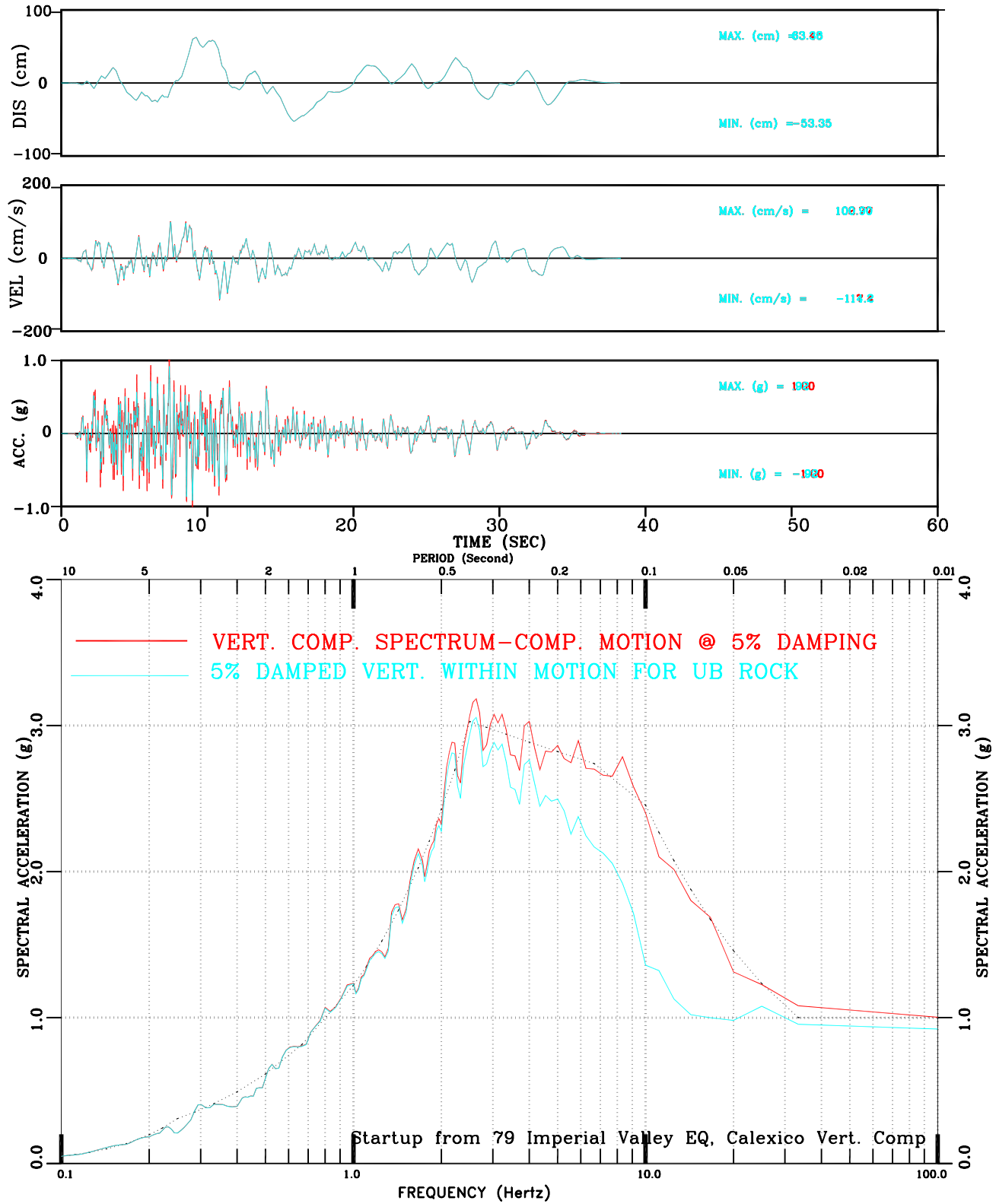


Figure III-120: Within vs. Surface Motion for UB Rock
 Set-5 Vert. Comp. Motion Conforming to Regulatory Guide 1.60 Spectral Shape

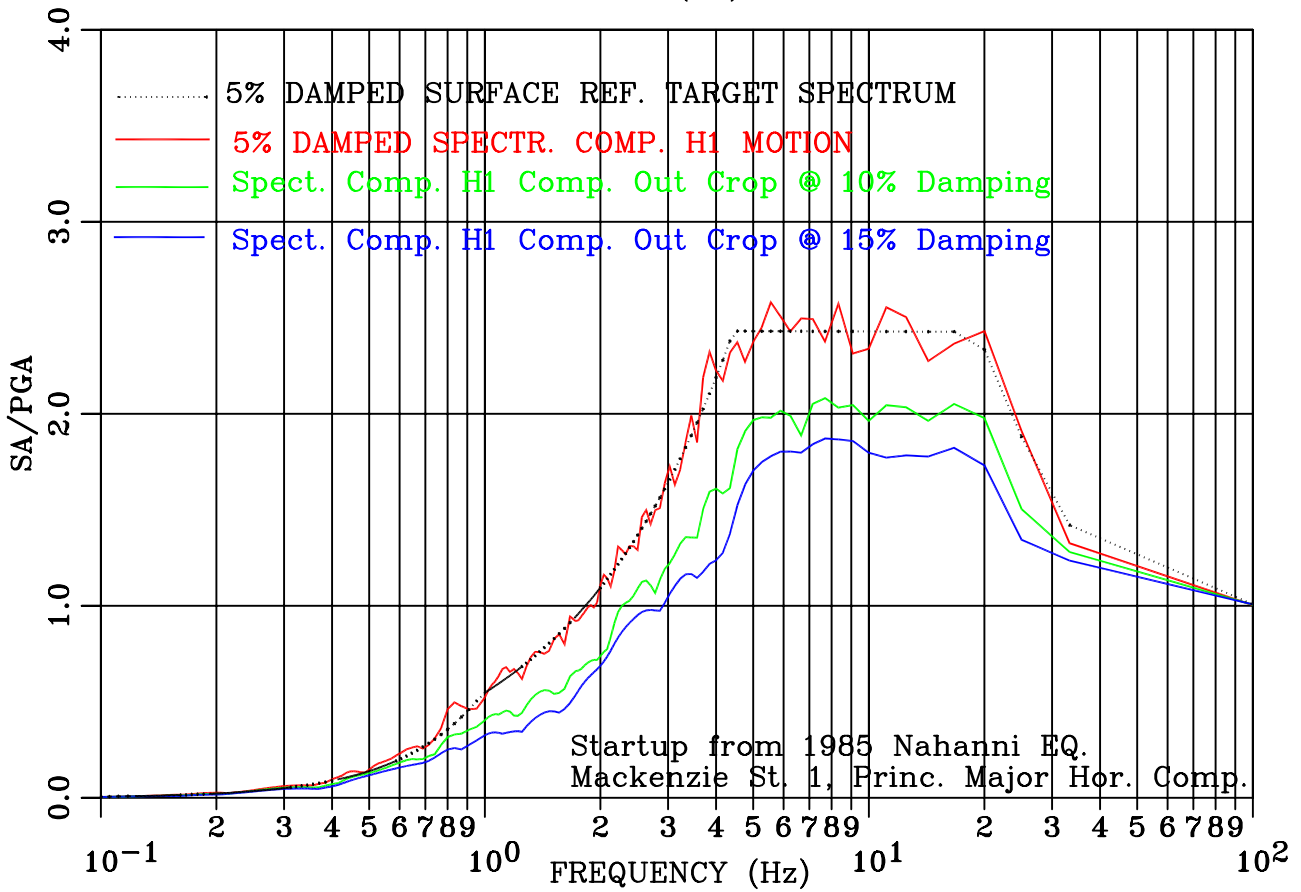
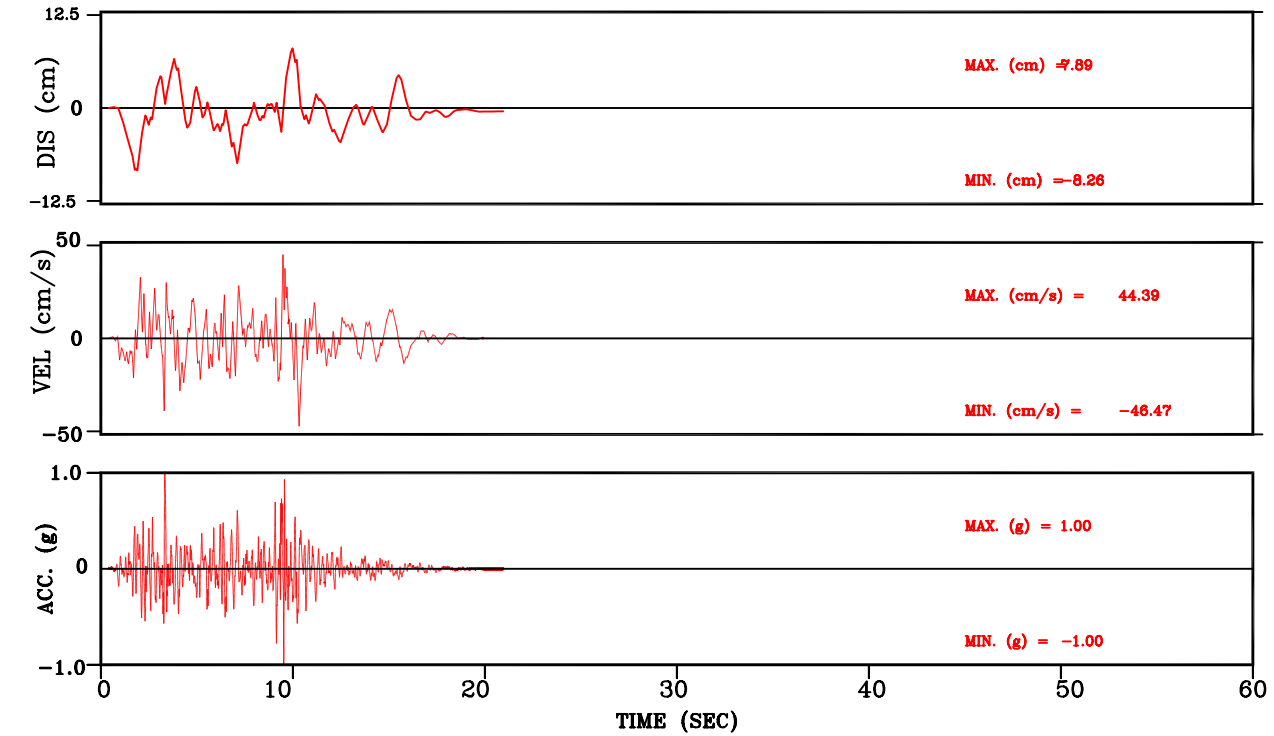


Figure III-121: Set-1 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

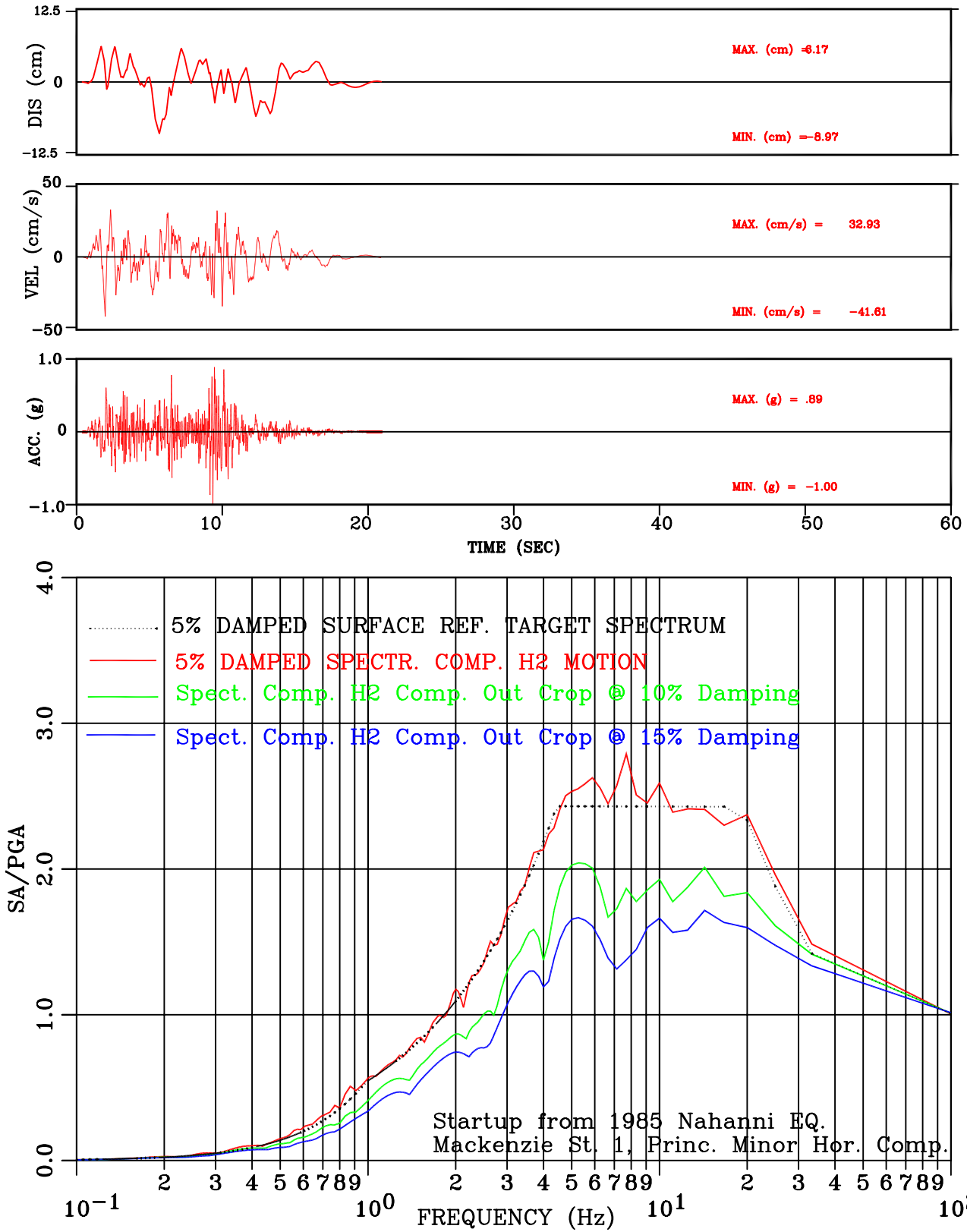


Figure III-122: Set-1 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

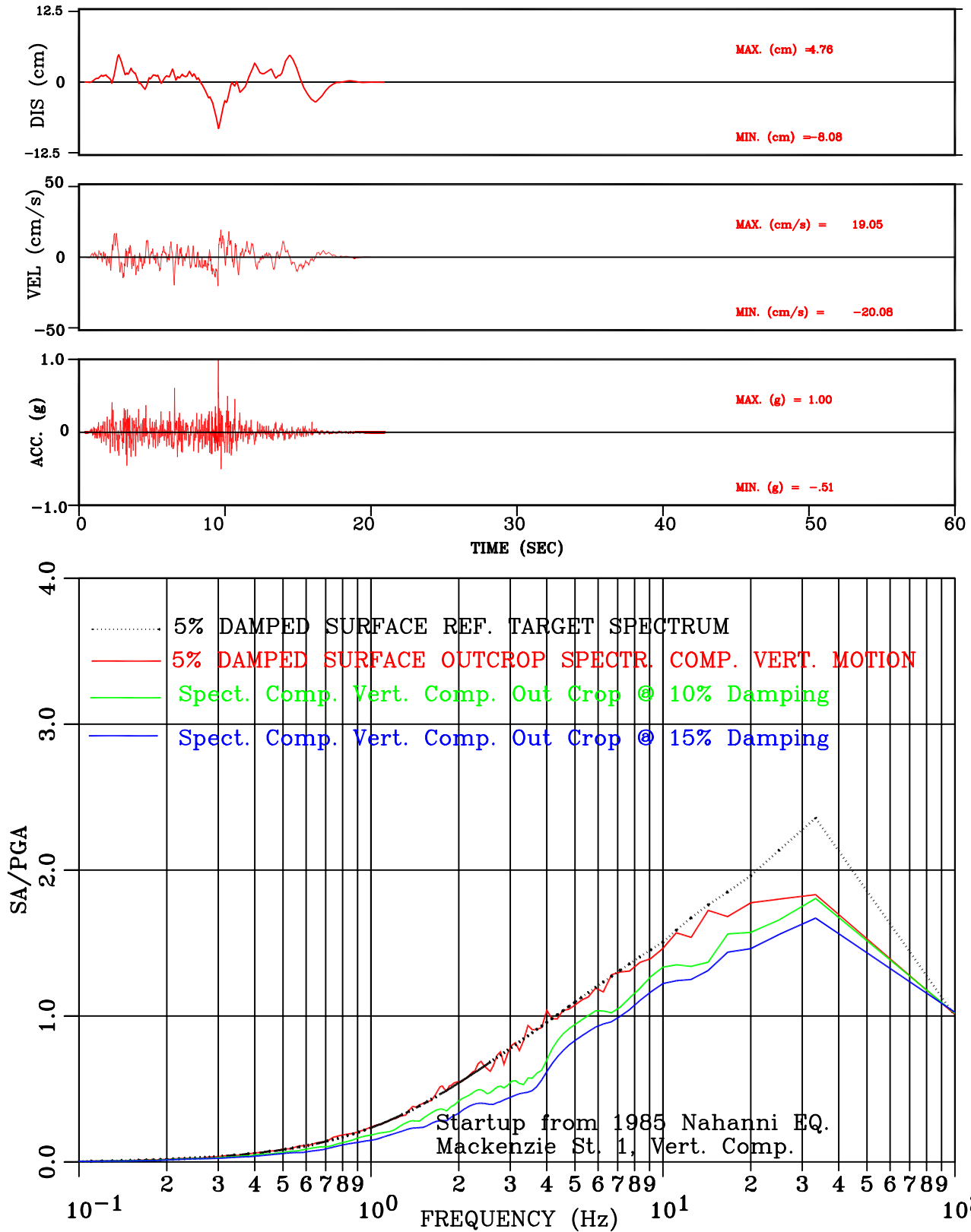


Figure III-123: Set-1 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

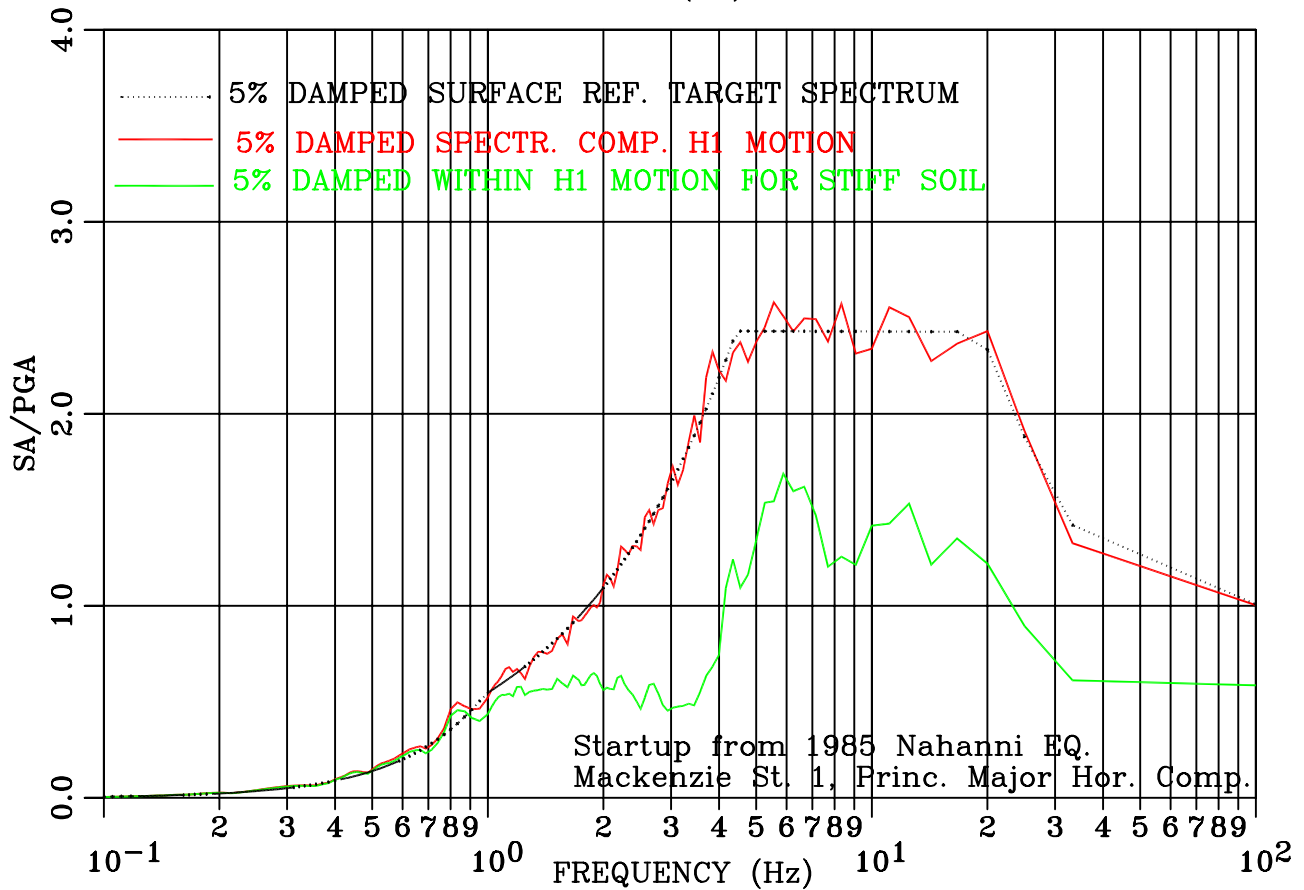
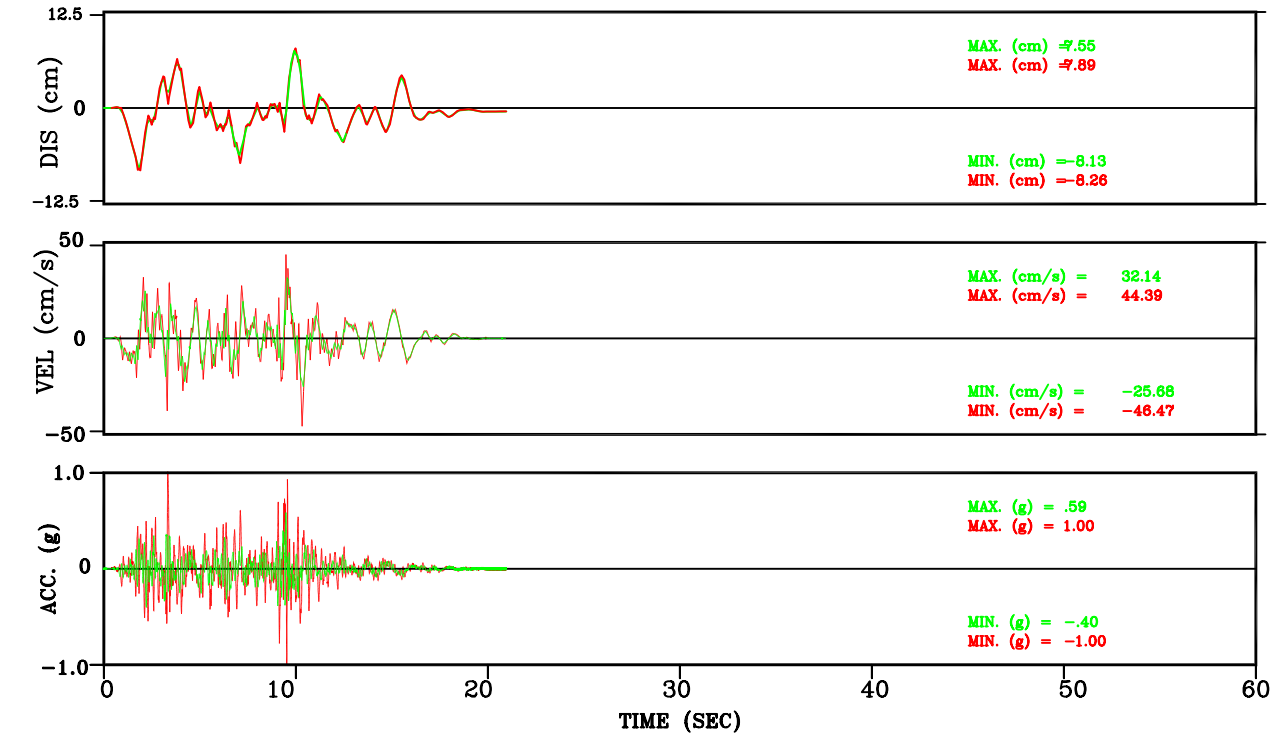


Figure III-124: Within vs. Surface Motion for Stiff Soil
 Set-1 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

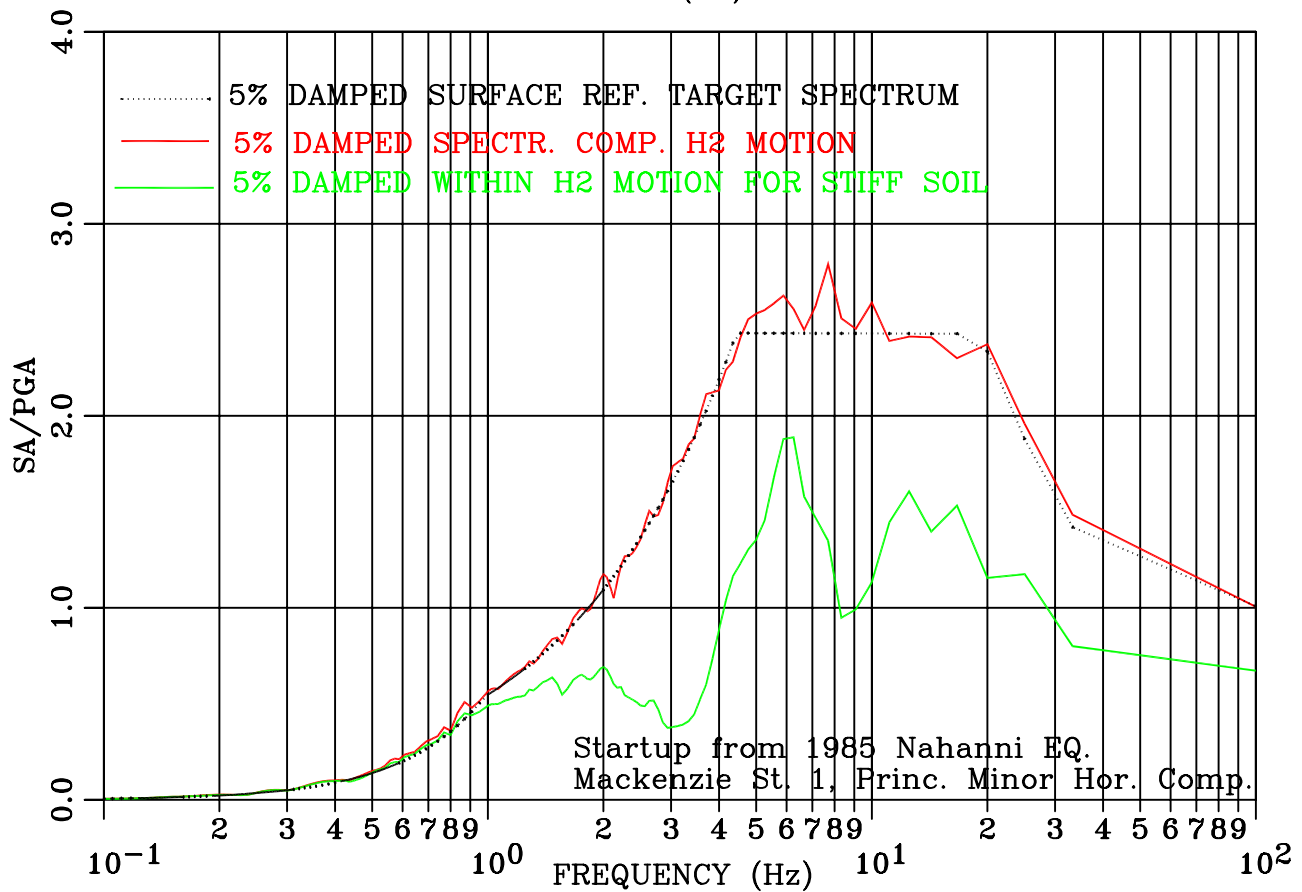
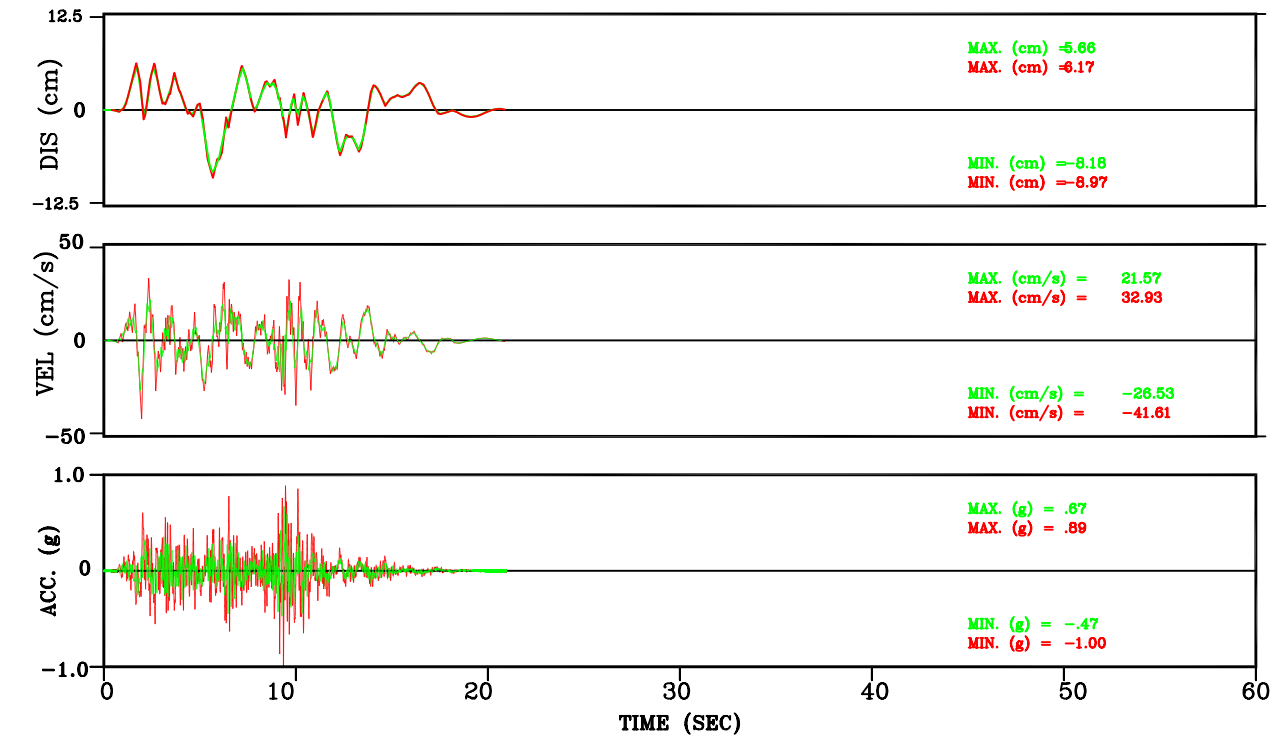


Figure III-125: Within vs. Surface Motion for Stiff Soil
 Set-1 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

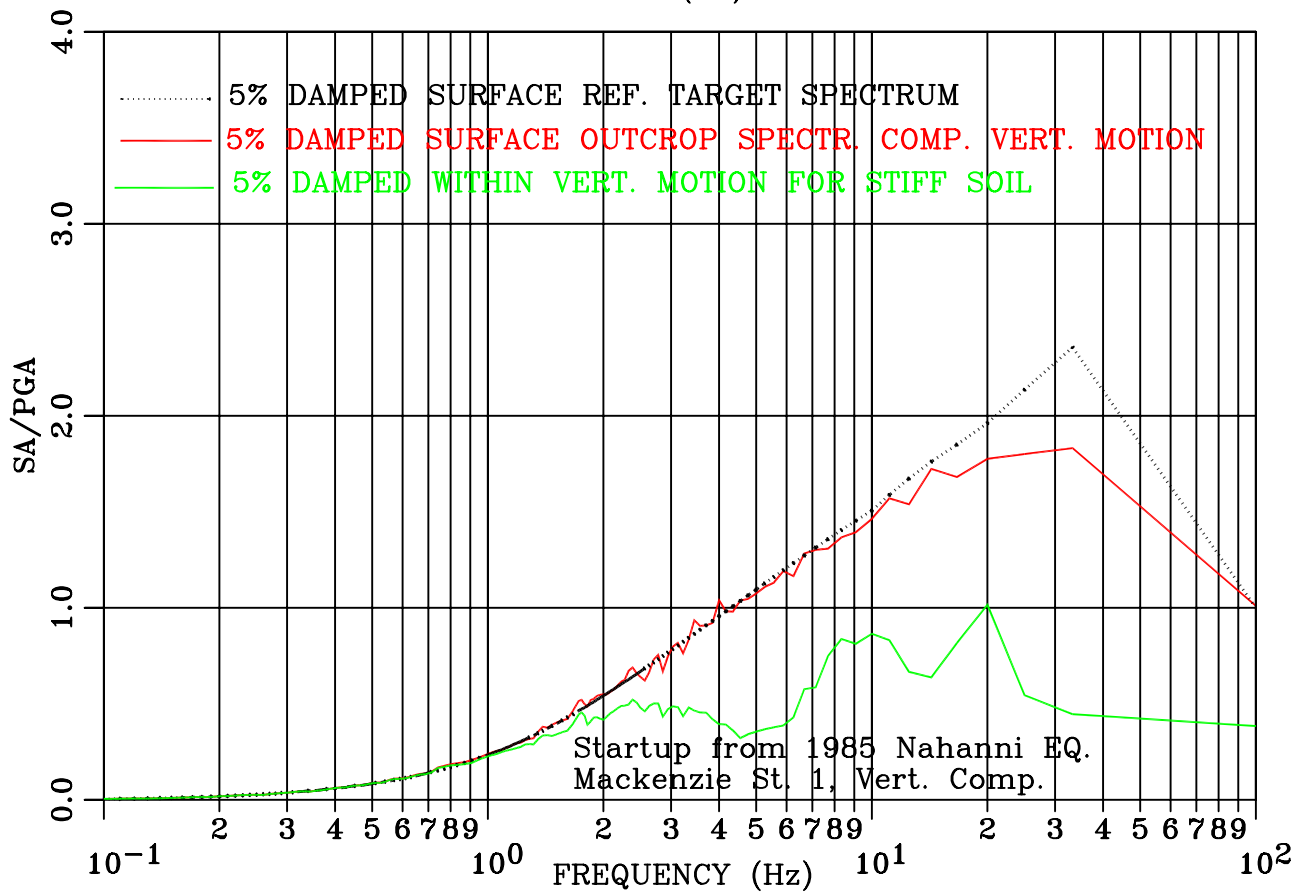
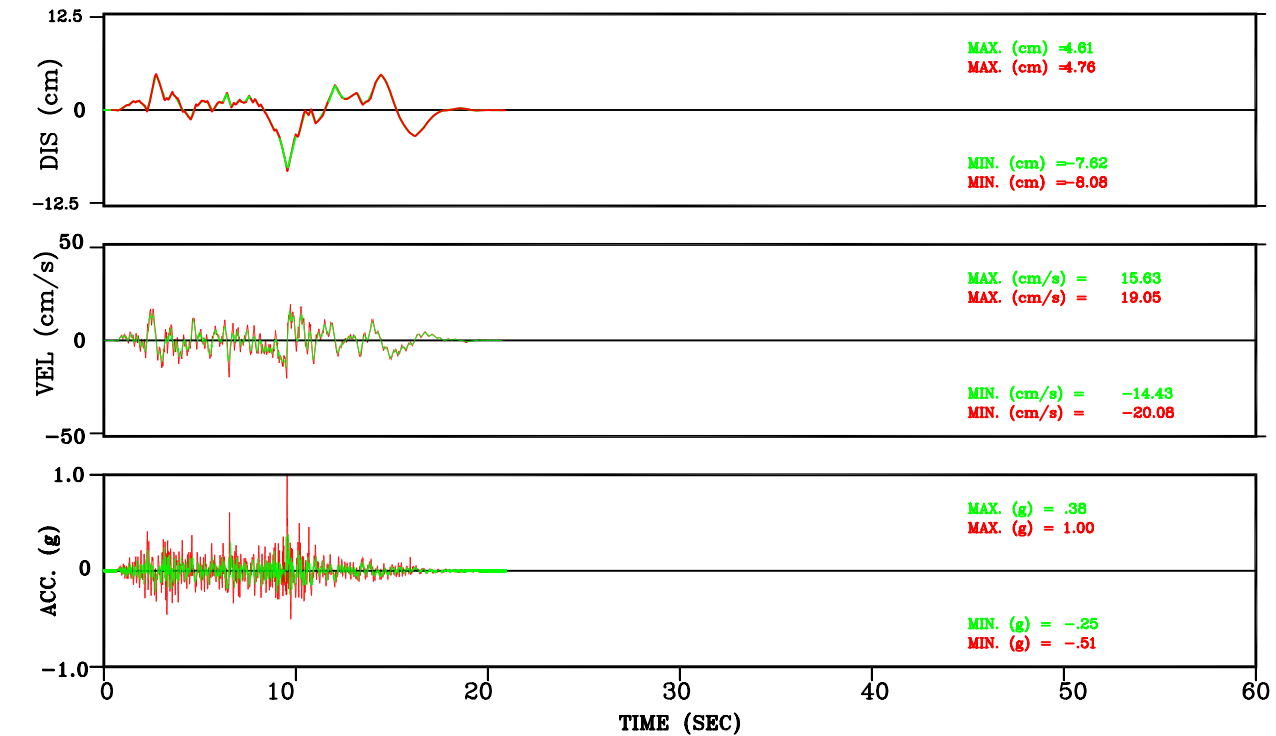


Figure III-126: Within vs. Surface Motion for Stiff Soil
 Set-1 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

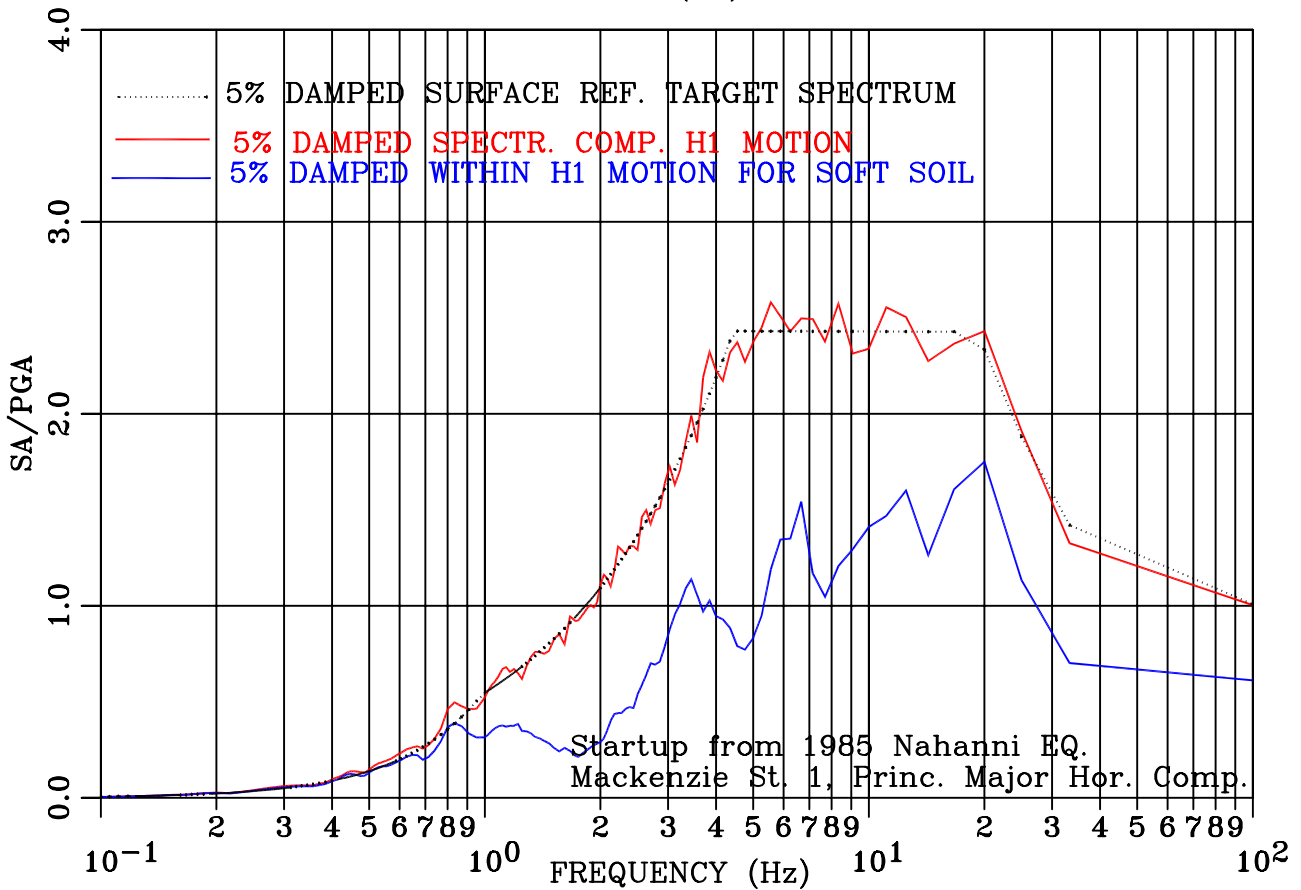
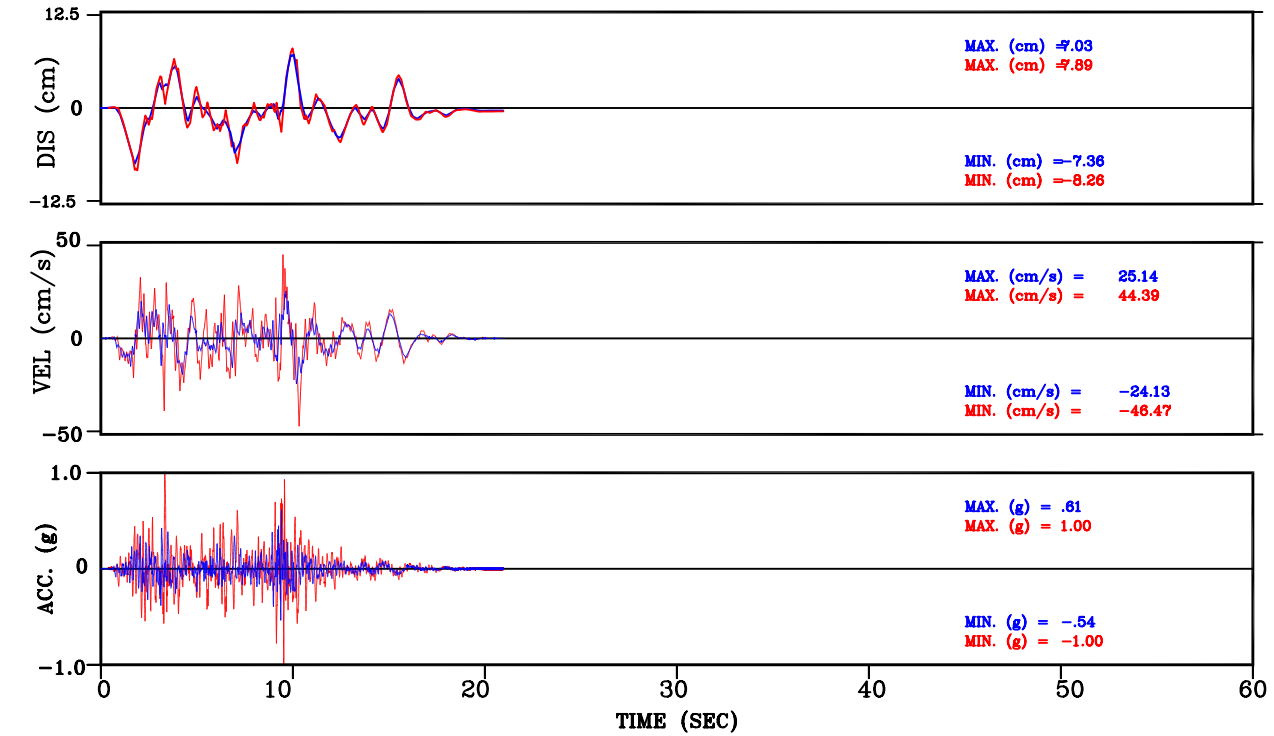


Figure III-127: Within vs. Surface Motion for Soft Soil
Set-1 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

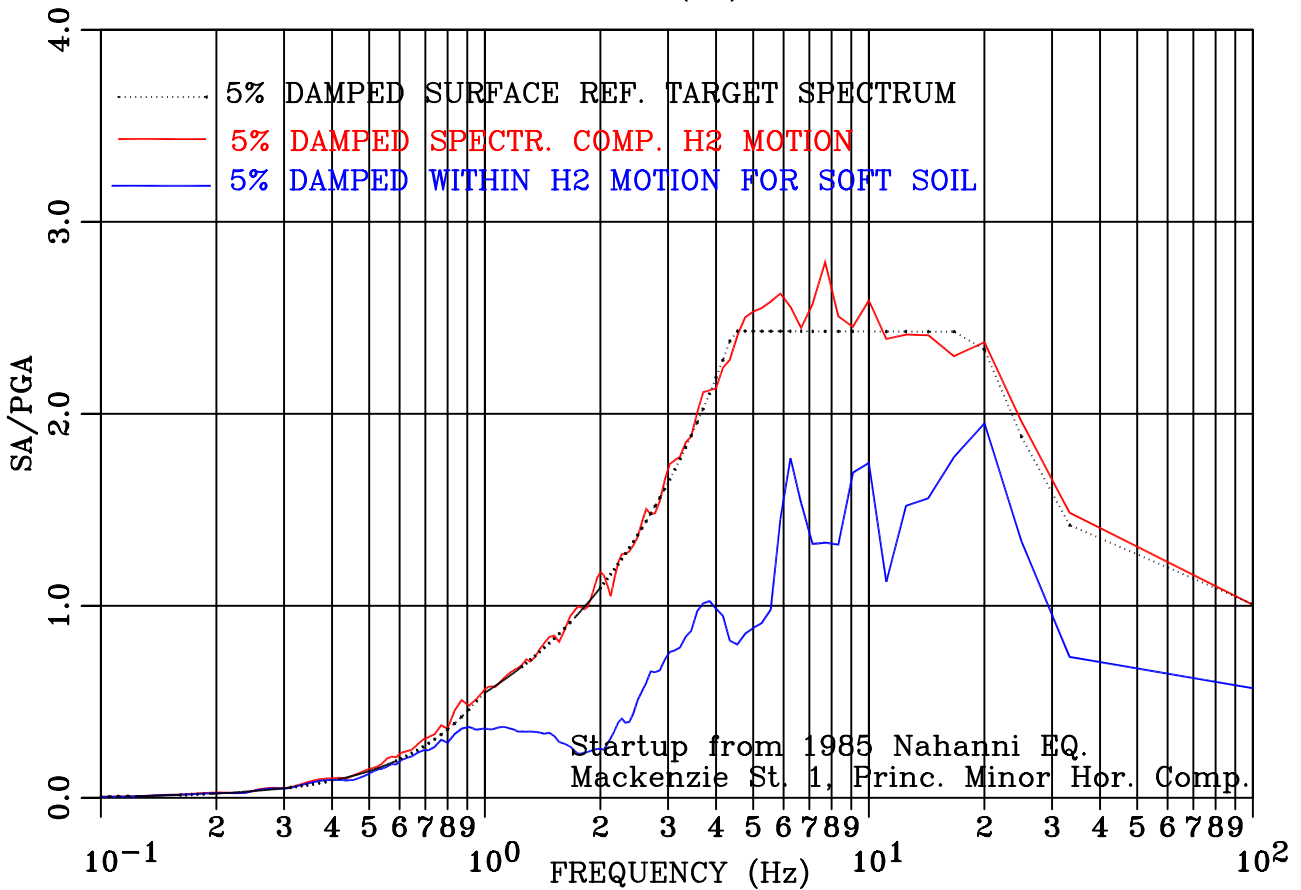
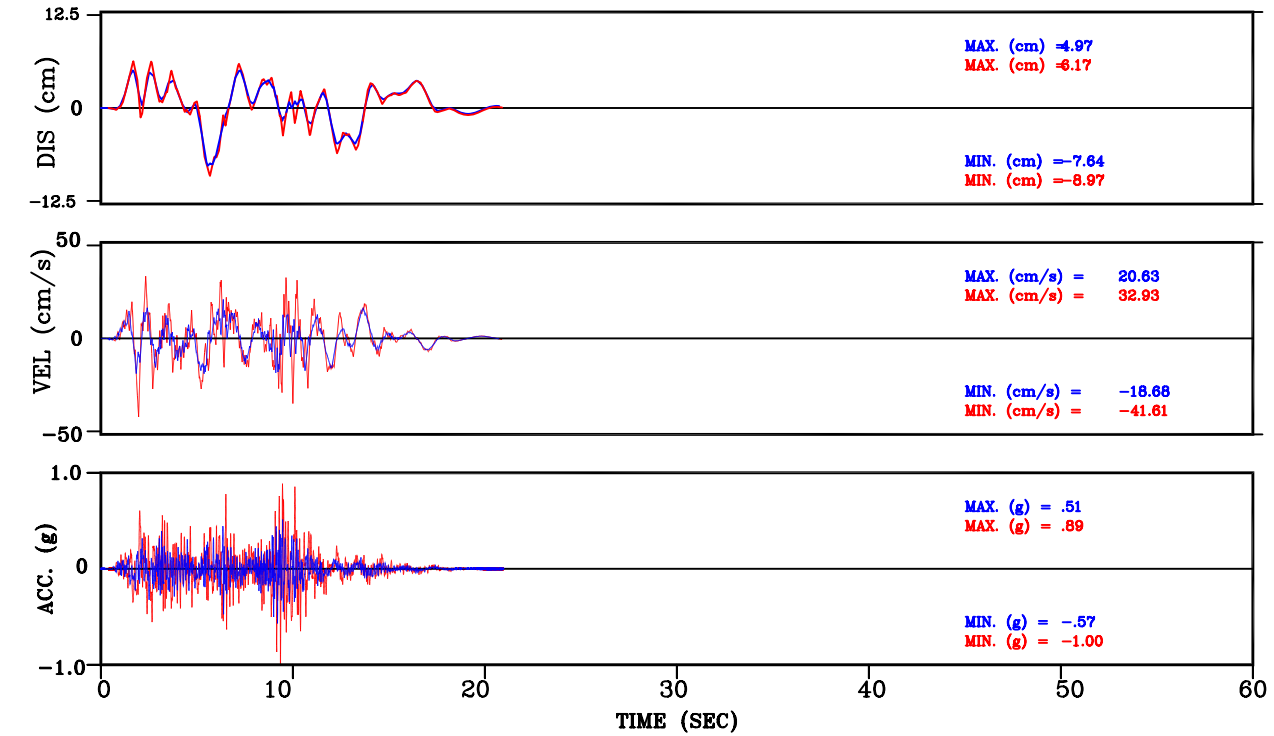


Figure III-128: Within vs. Surface Motion for Soft Soil
Set-1 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

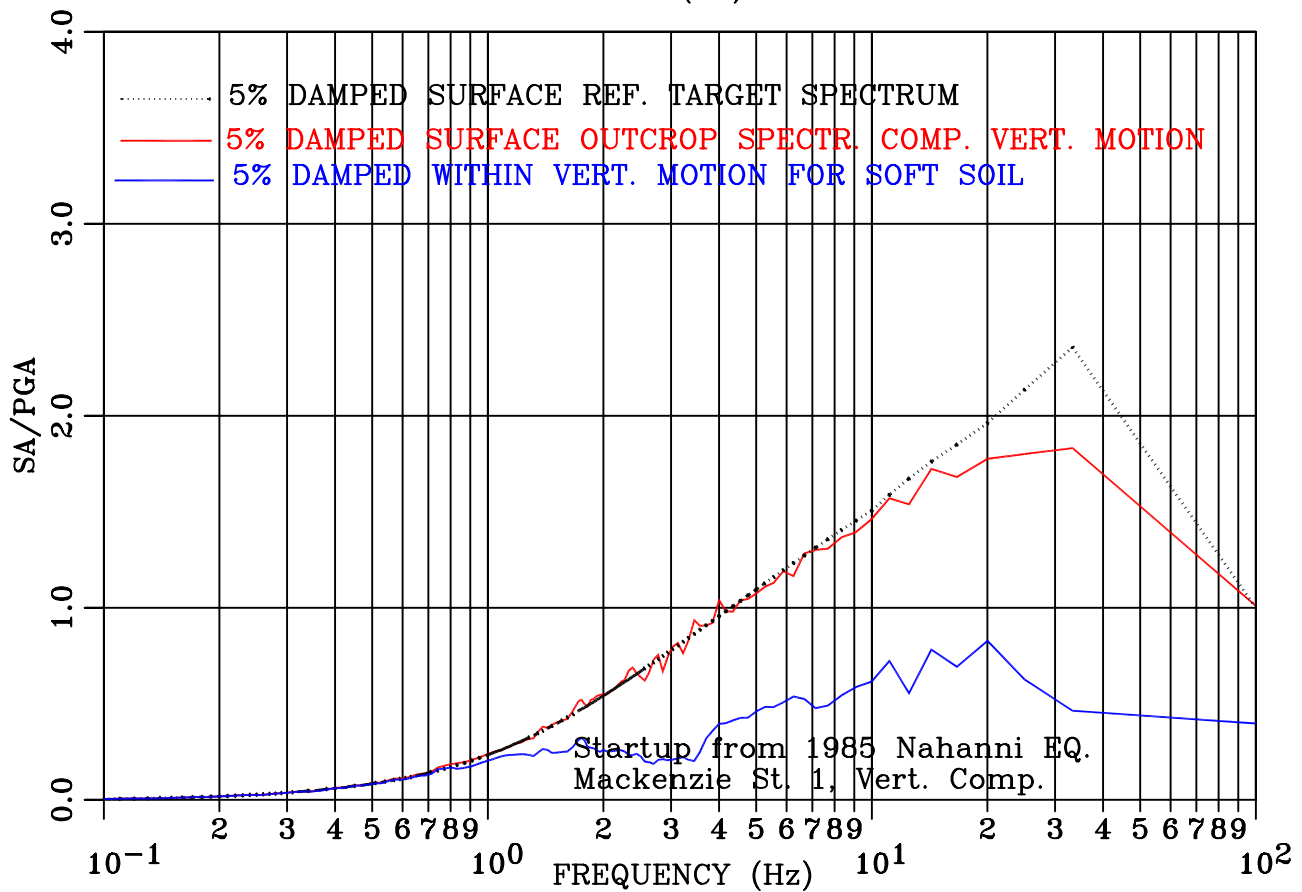
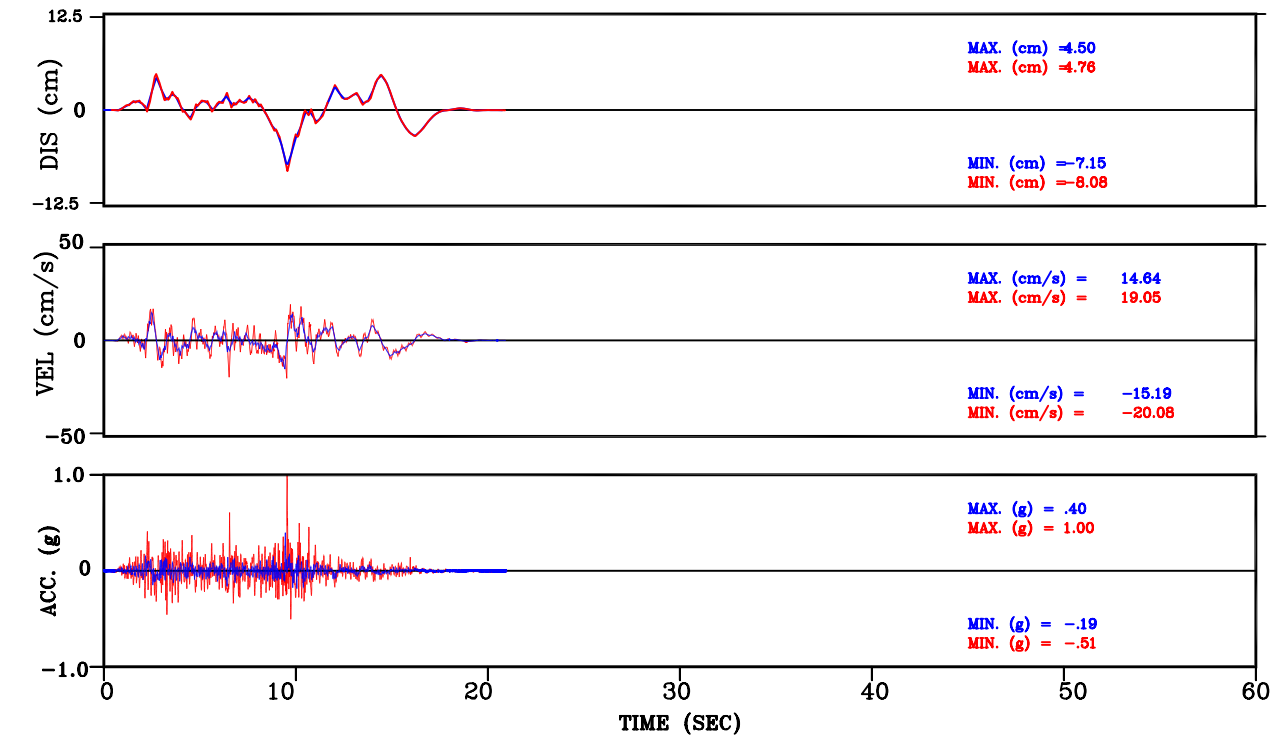


Figure III-129: Within vs. Surface Motion for Soft Soil
Set-1 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

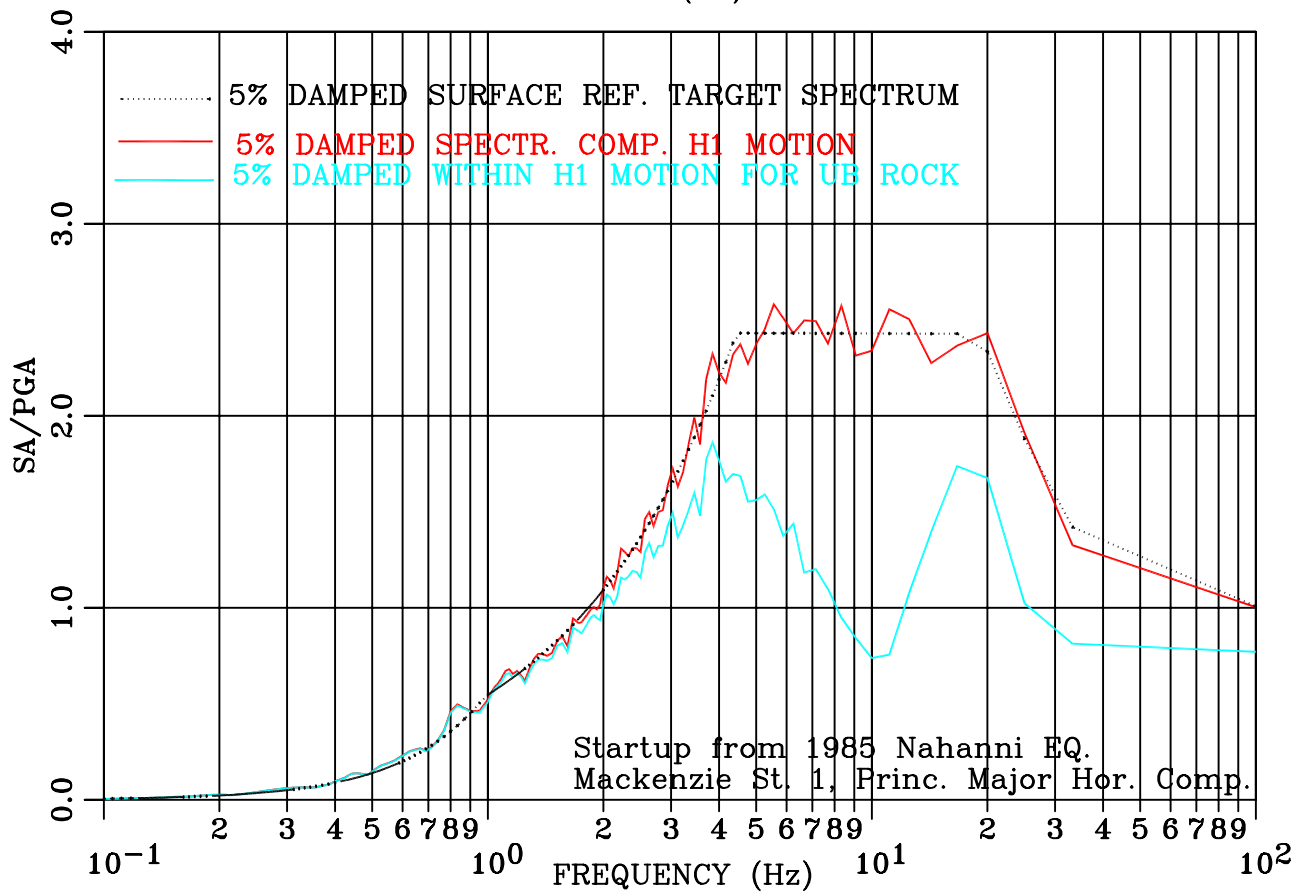
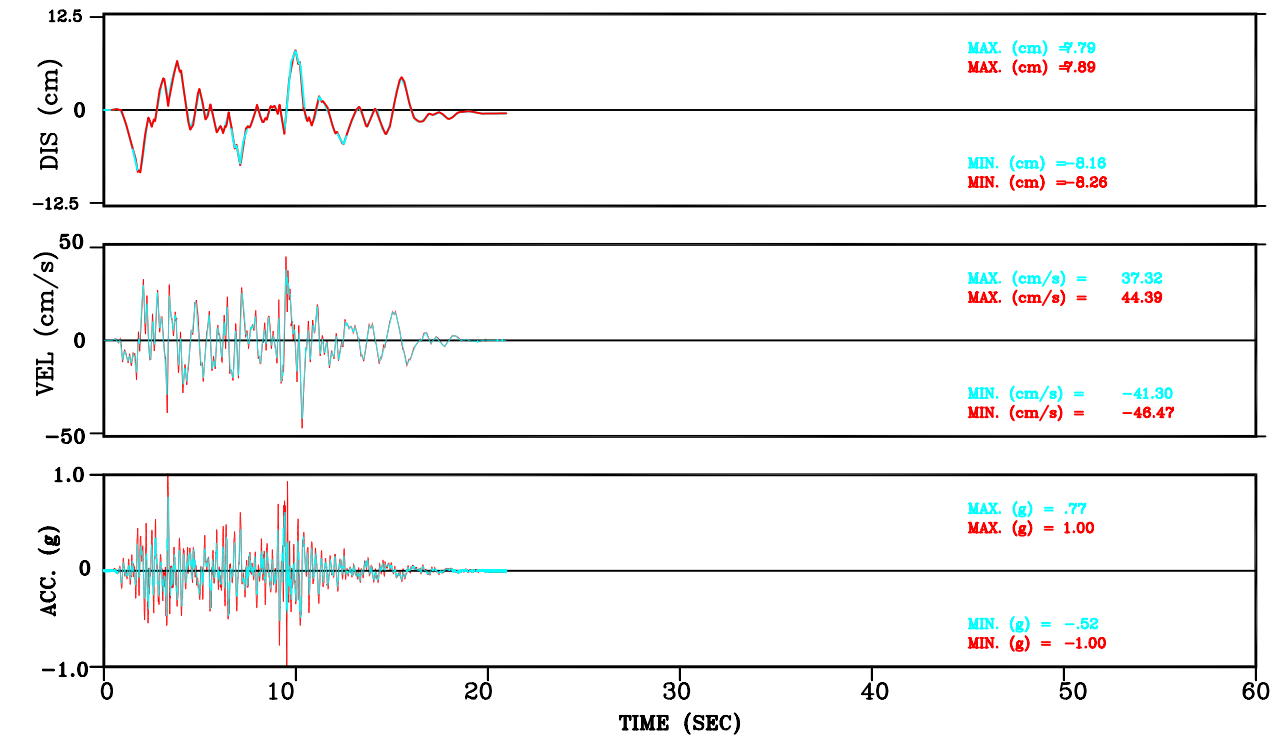


Figure III-130: Within vs. Surface Motion for UB Rock
Set-1 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

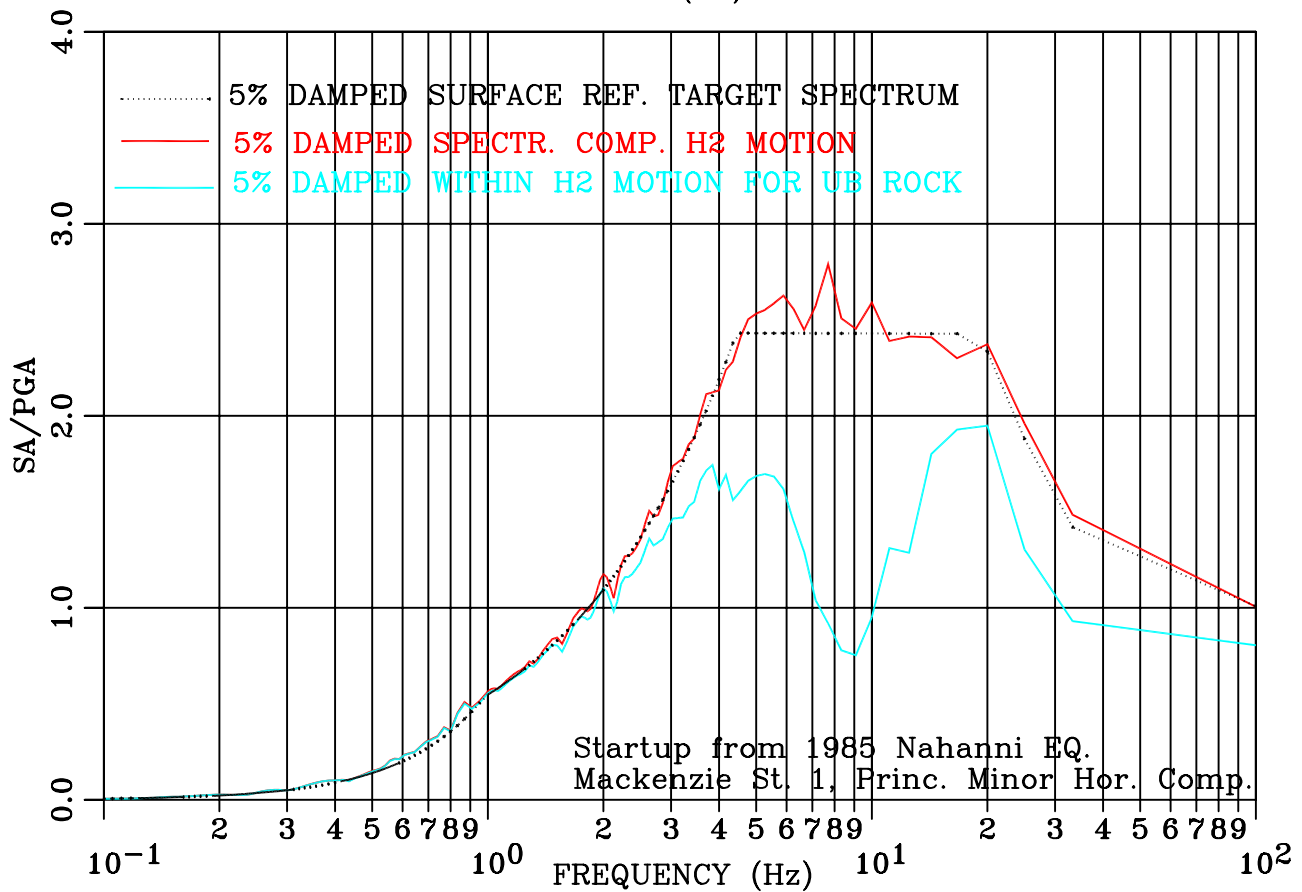
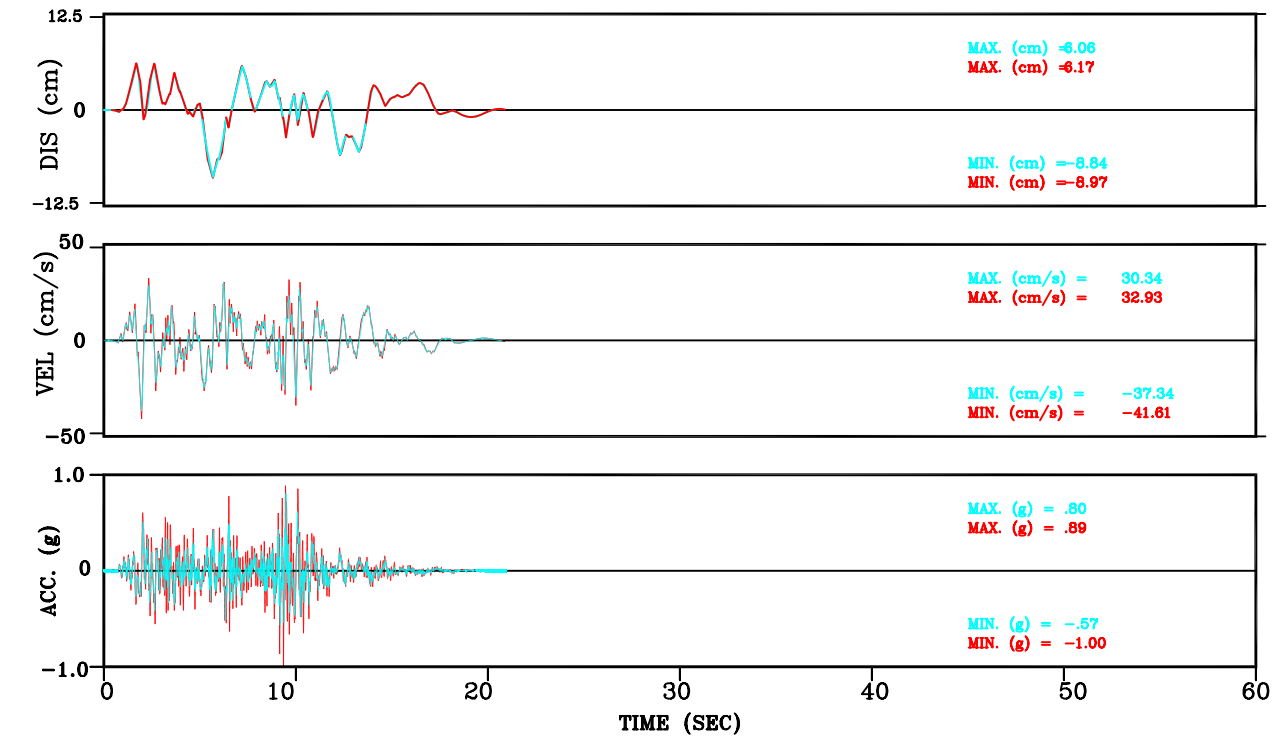


Figure III-131: Within vs. Surface Motion for UB Rock
Set-1 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

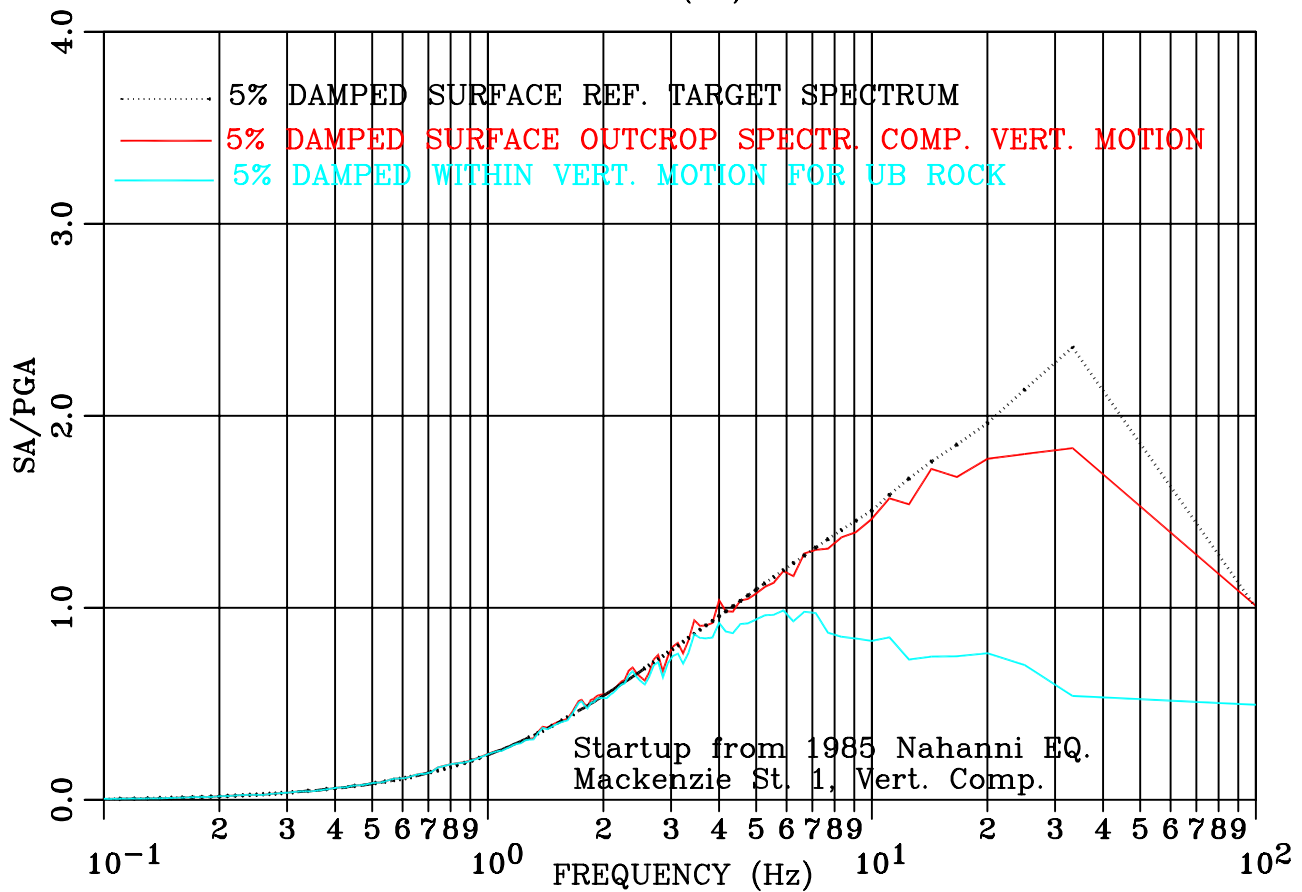
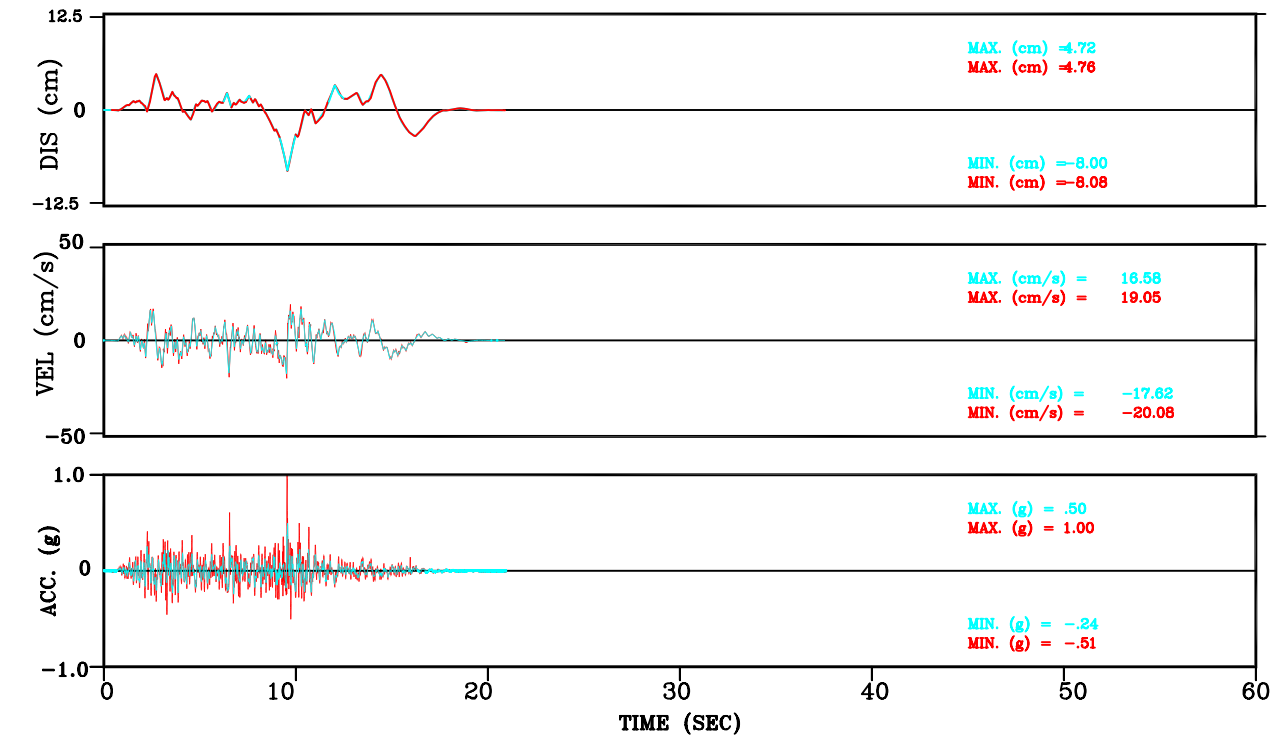


Figure III-132: Within vs. Surface Motion for UB Rock
Set-1 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

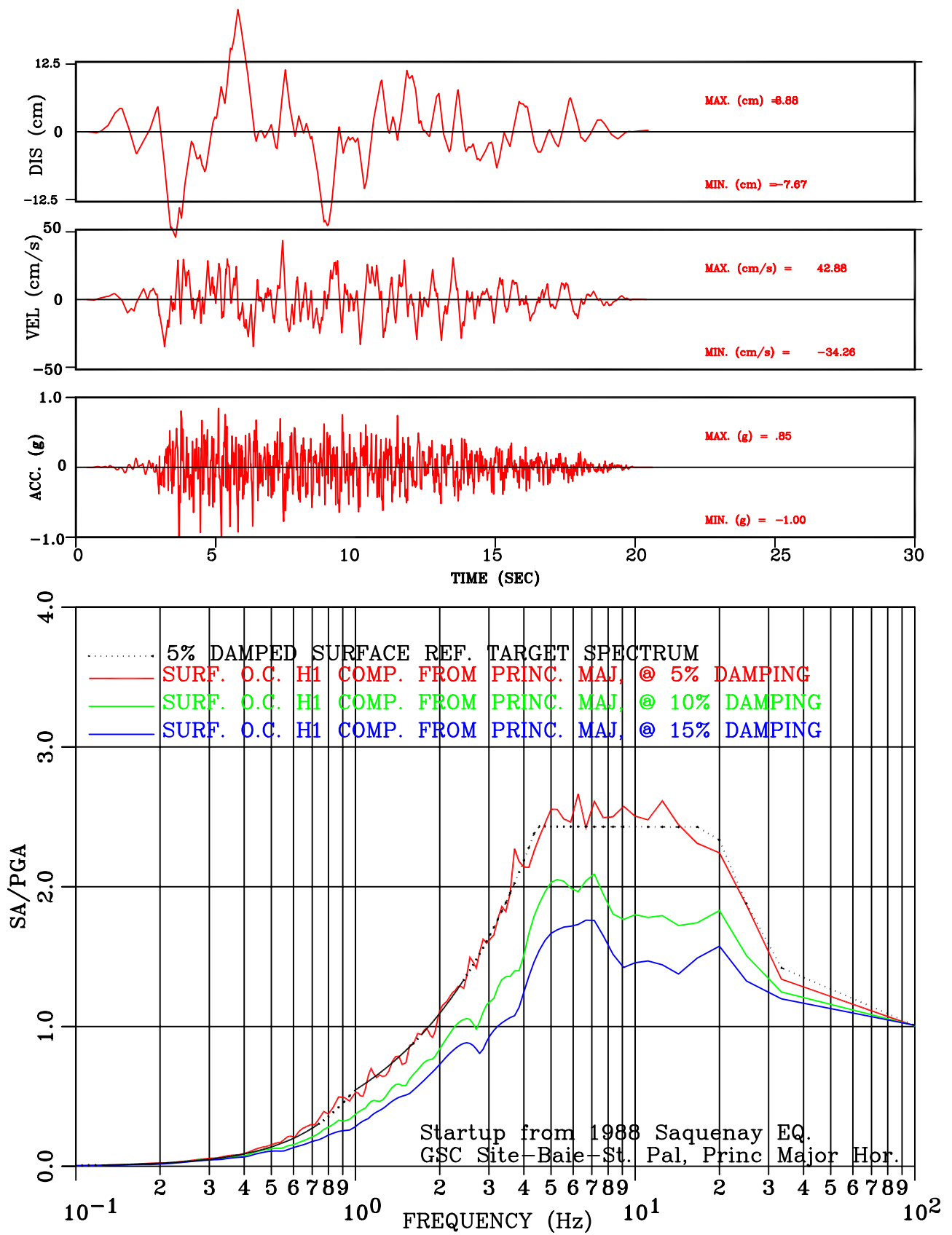


Figure III-133: Set-2 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

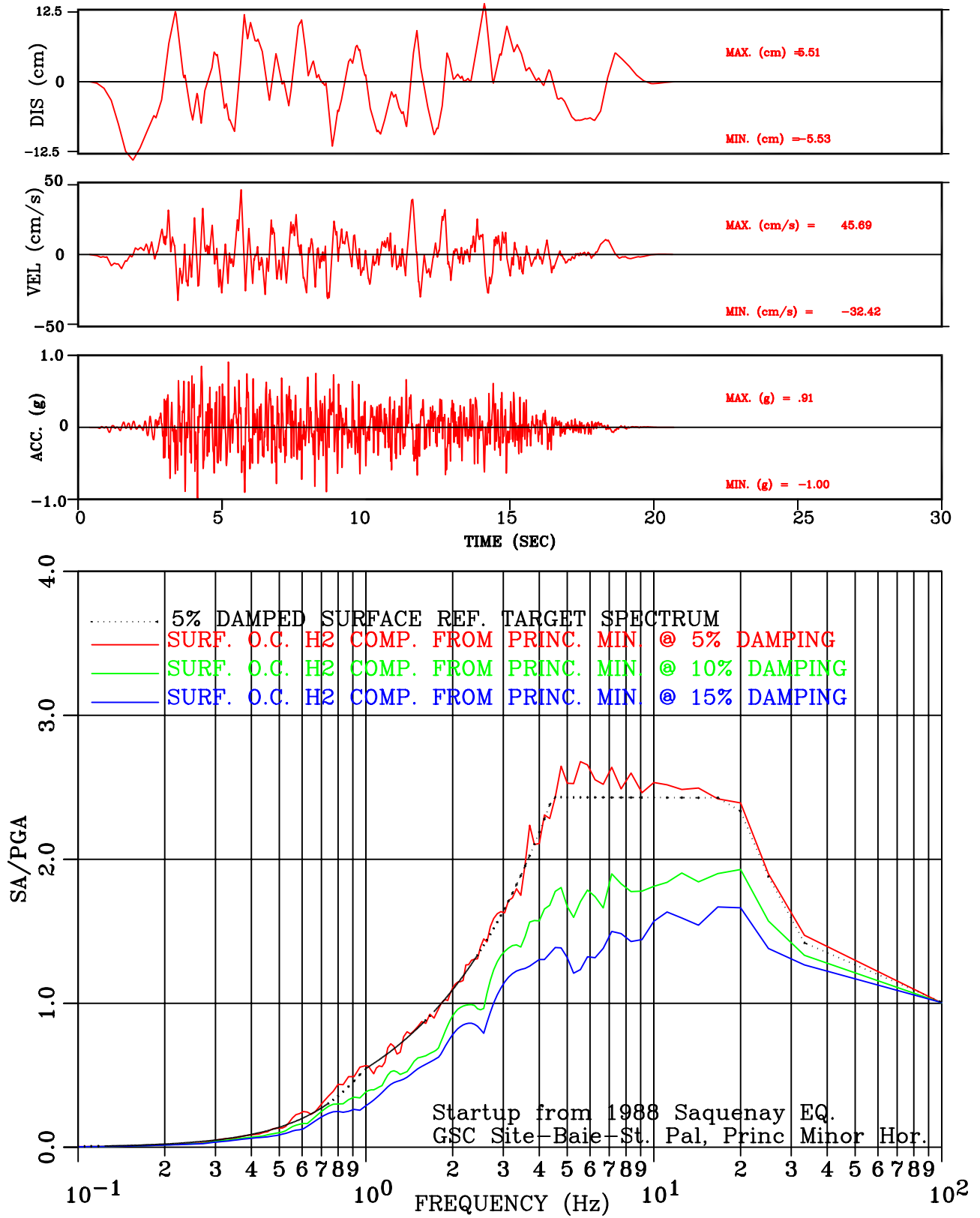


Figure III-134: Set-2 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

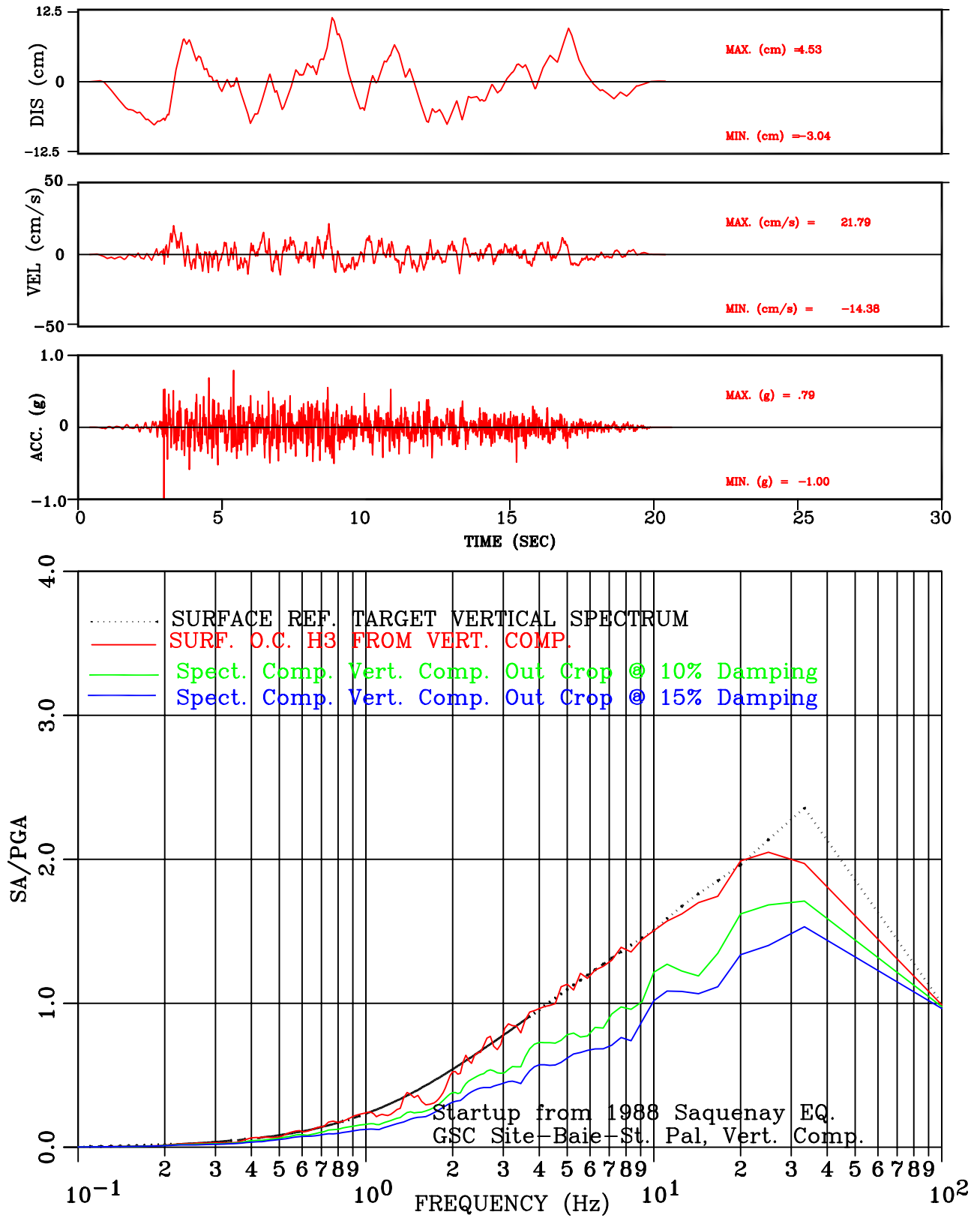


Figure III-135: Set-2 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

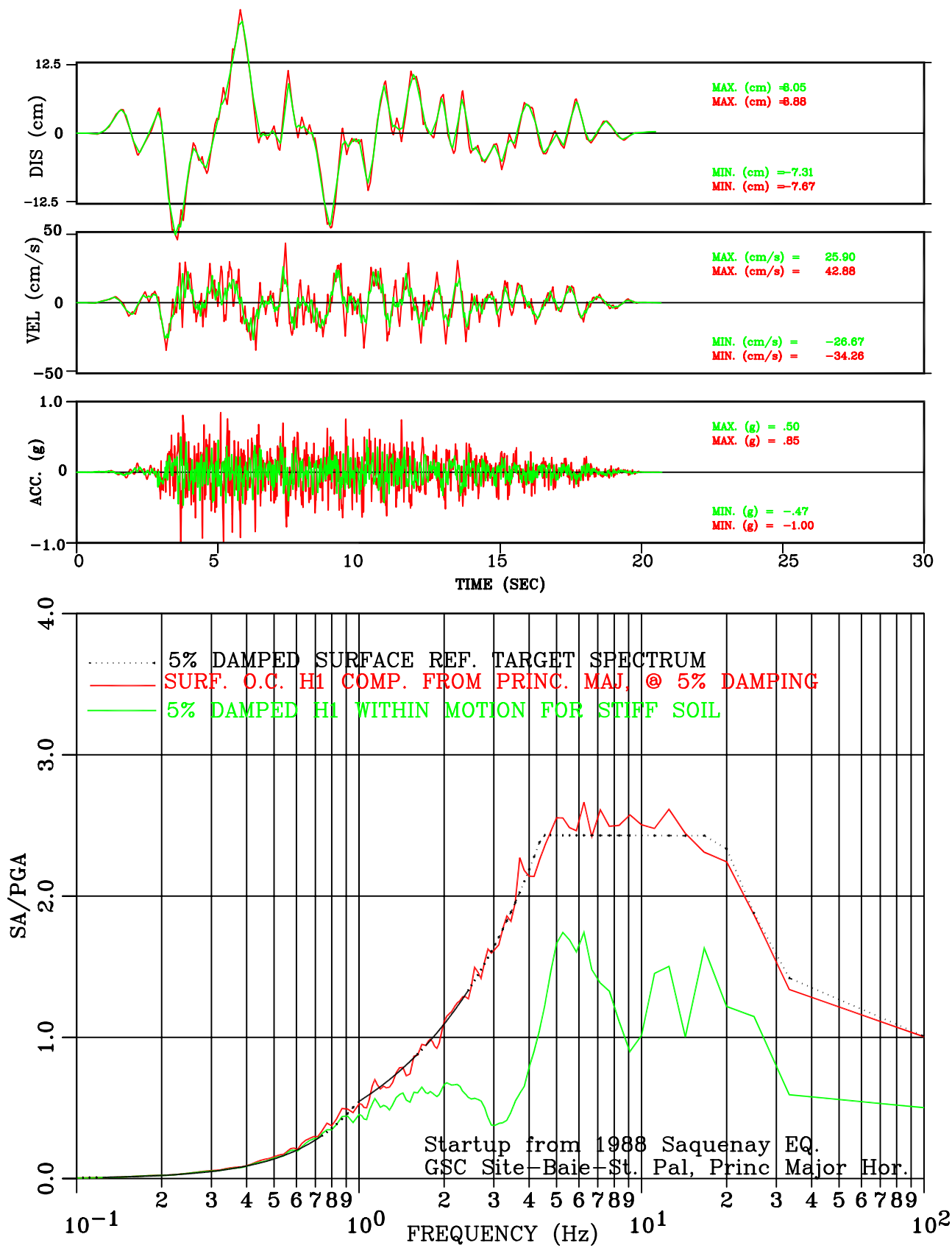


Figure III-136: Within vs. Surface Motion for Stiff Soil
 Set-2 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

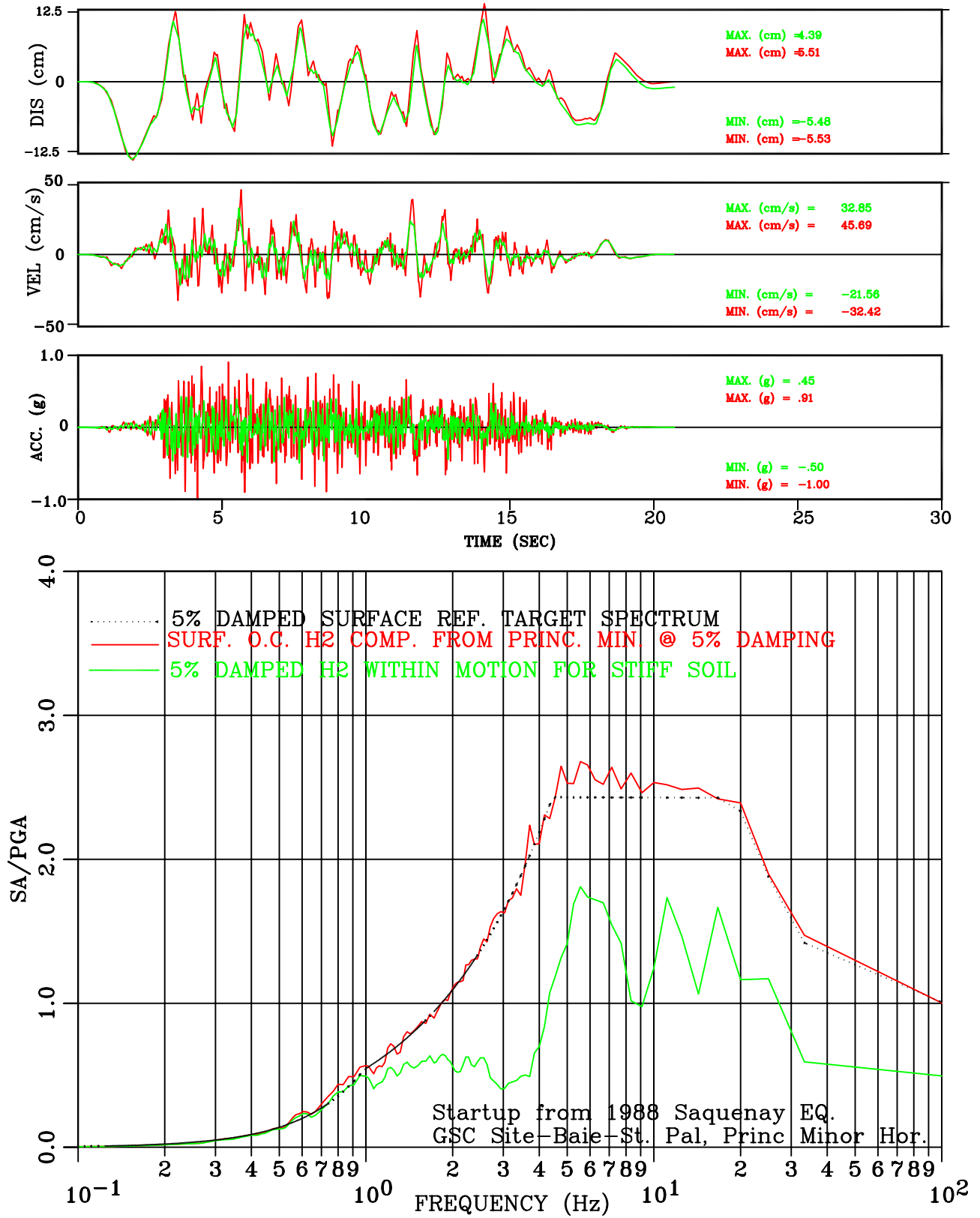


Figure III-137: Within vs. Surface Motion for Stiff Soil
Set-2 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

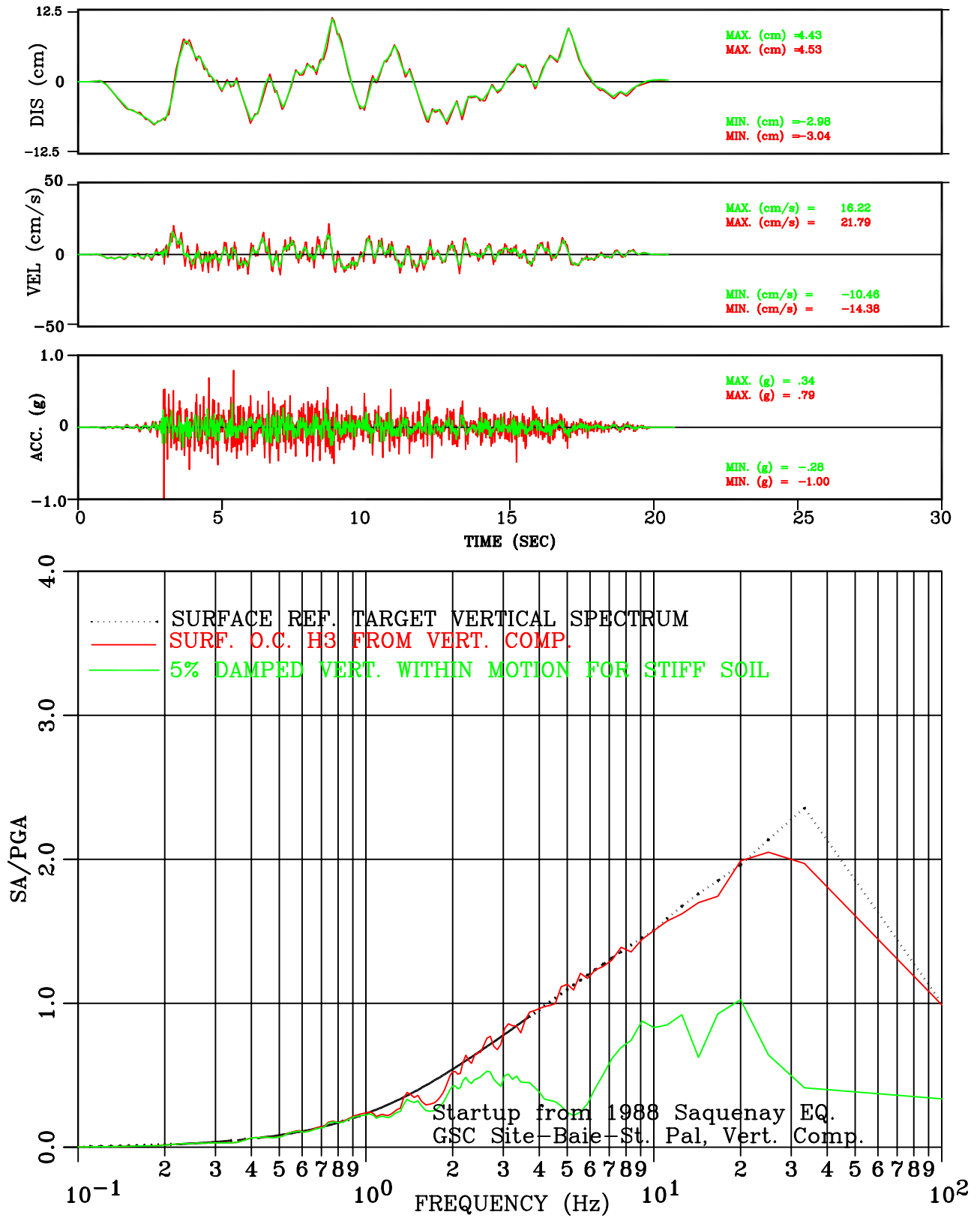


Figure III-138: Within vs. Surface Motion for Stiff Soil
 Set-2 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

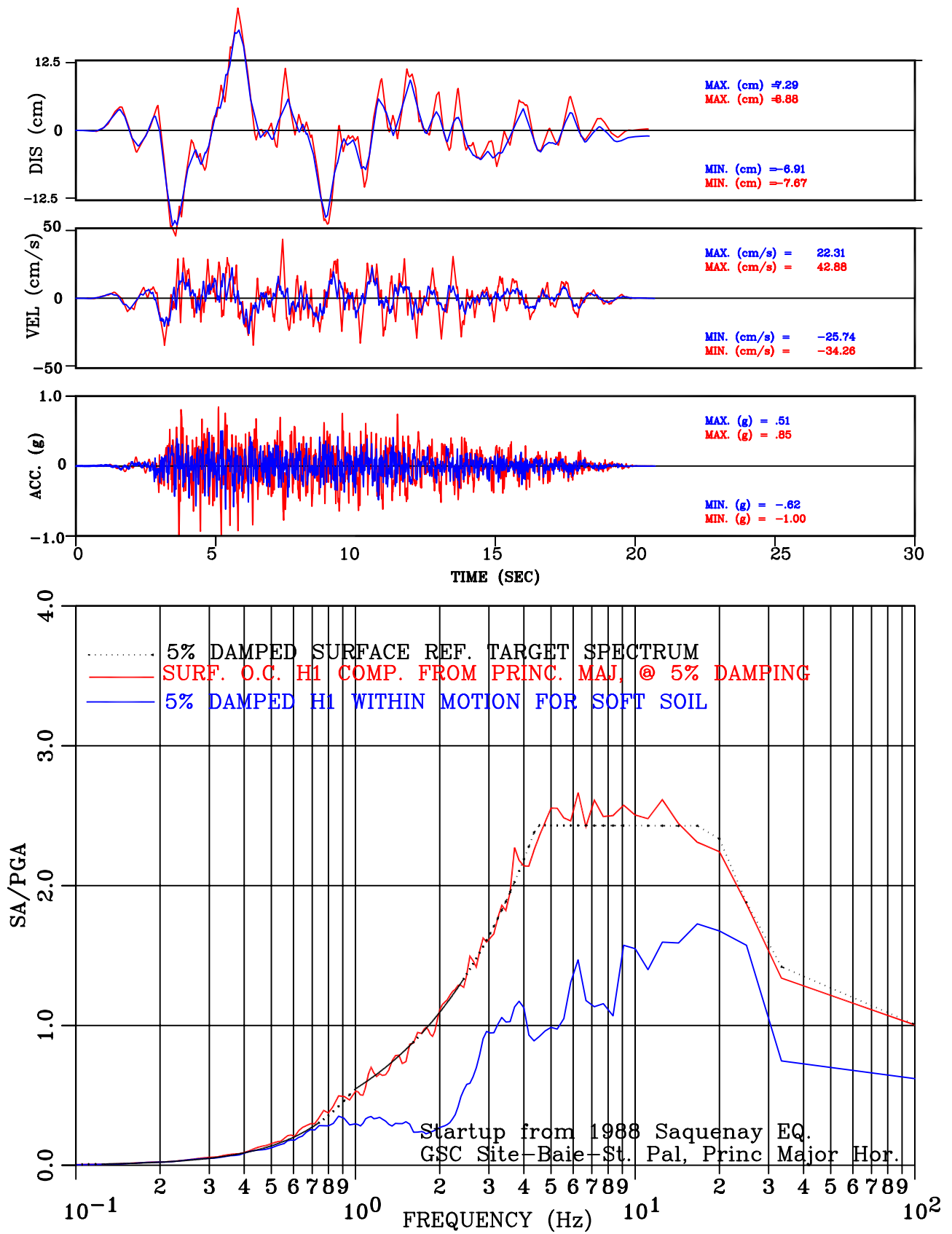


Figure III-139: Within vs. Surface Motion for Soft Soil
 Set-2 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

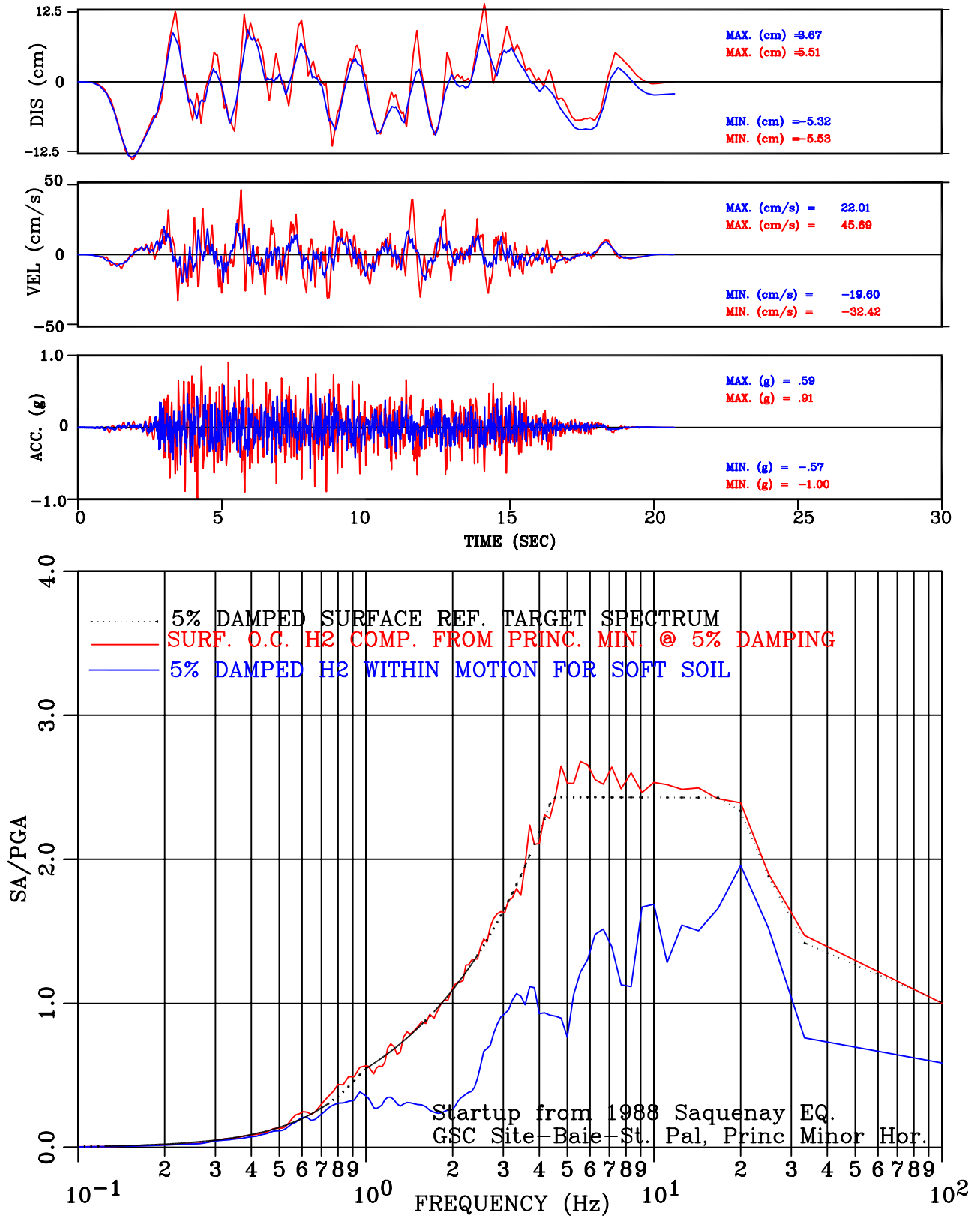


Figure III-140: Within vs. Surface Motion for Soft Soil
 Set-2 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

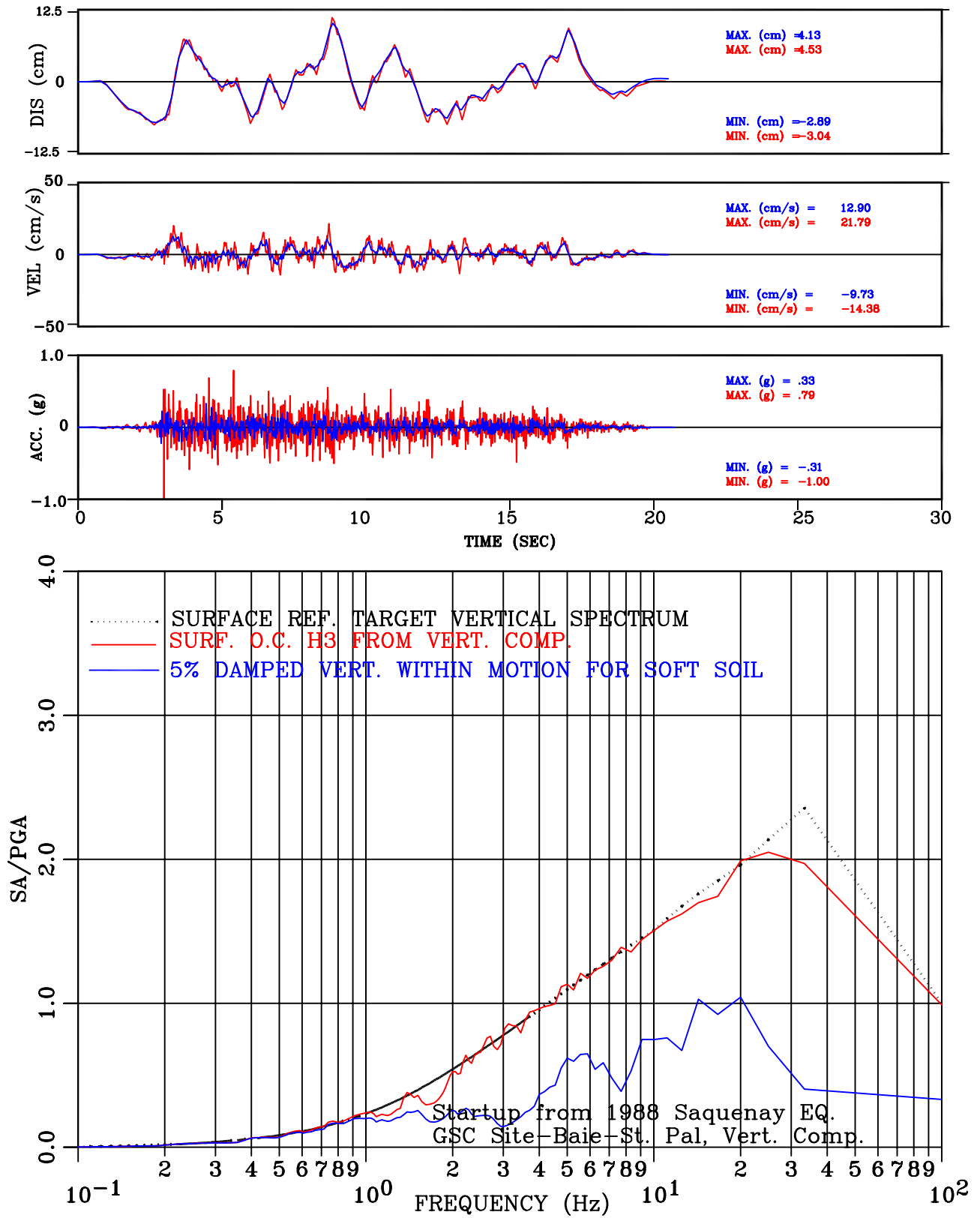


Figure III-141: Within vs. Surface Motion for Soft Soil Set-2 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

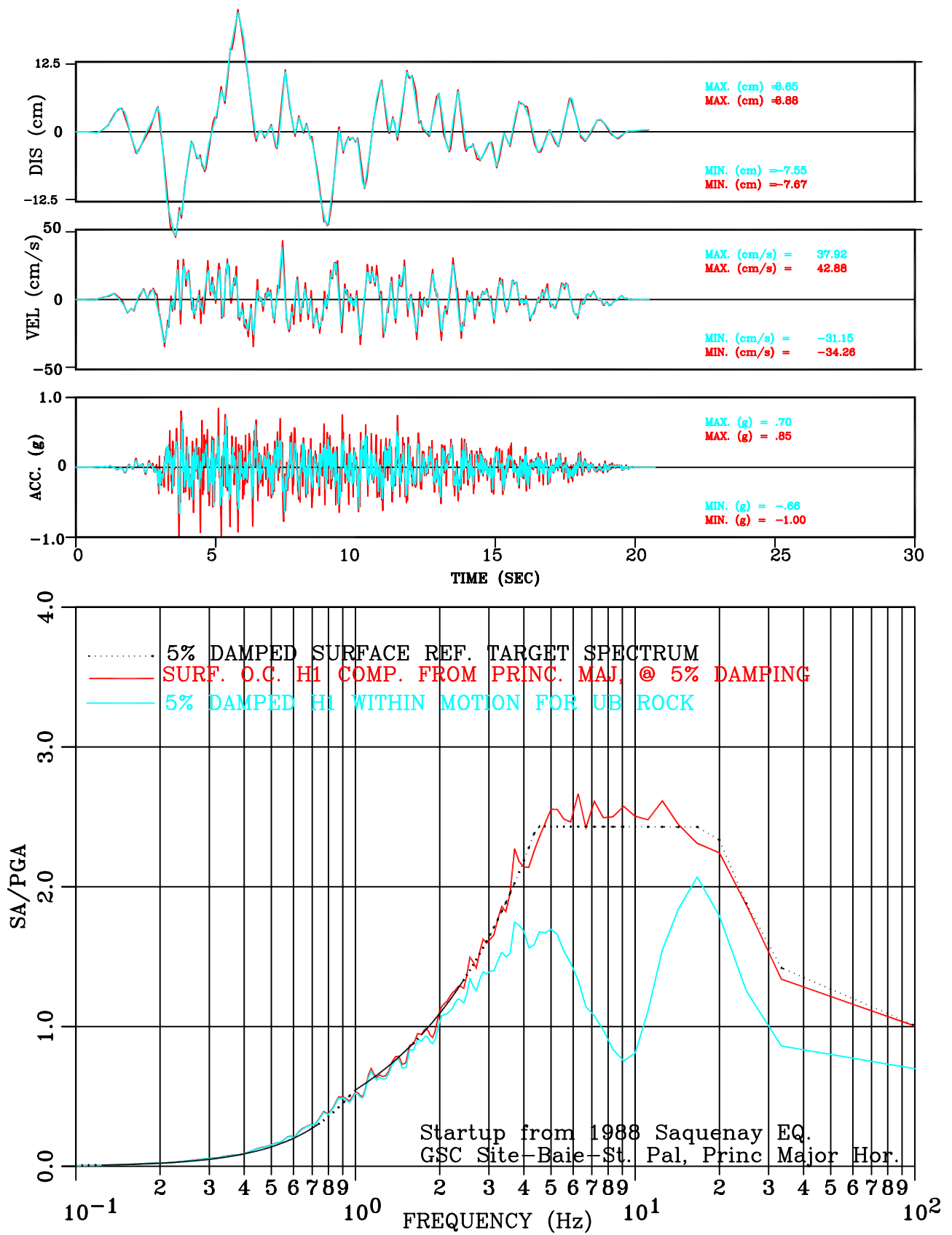


Figure III-142: Within vs. Surface Motion for UB Rock
Set-2 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

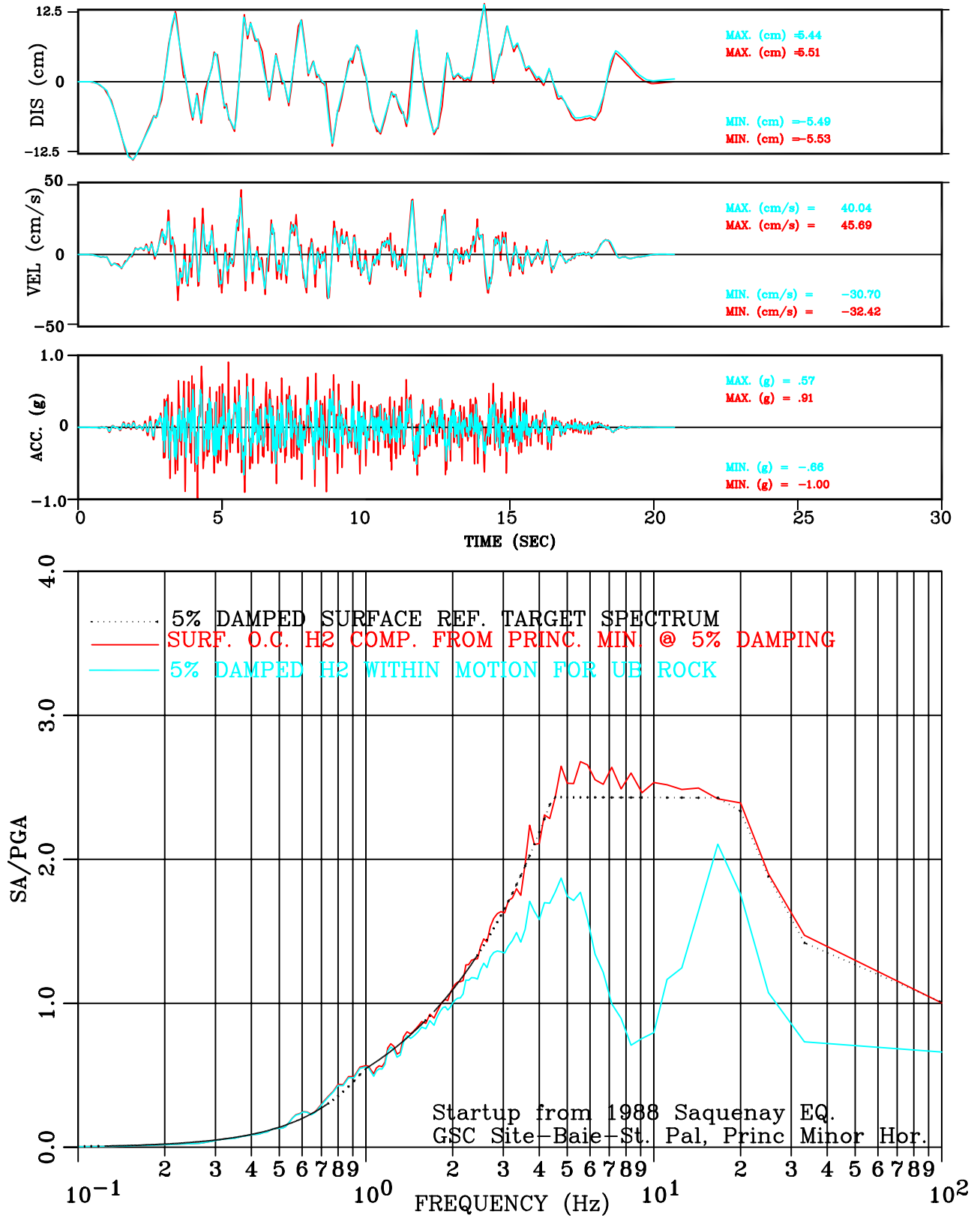


Figure III-143: Within vs. Surface Motion for UB Rock
 Set-2 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

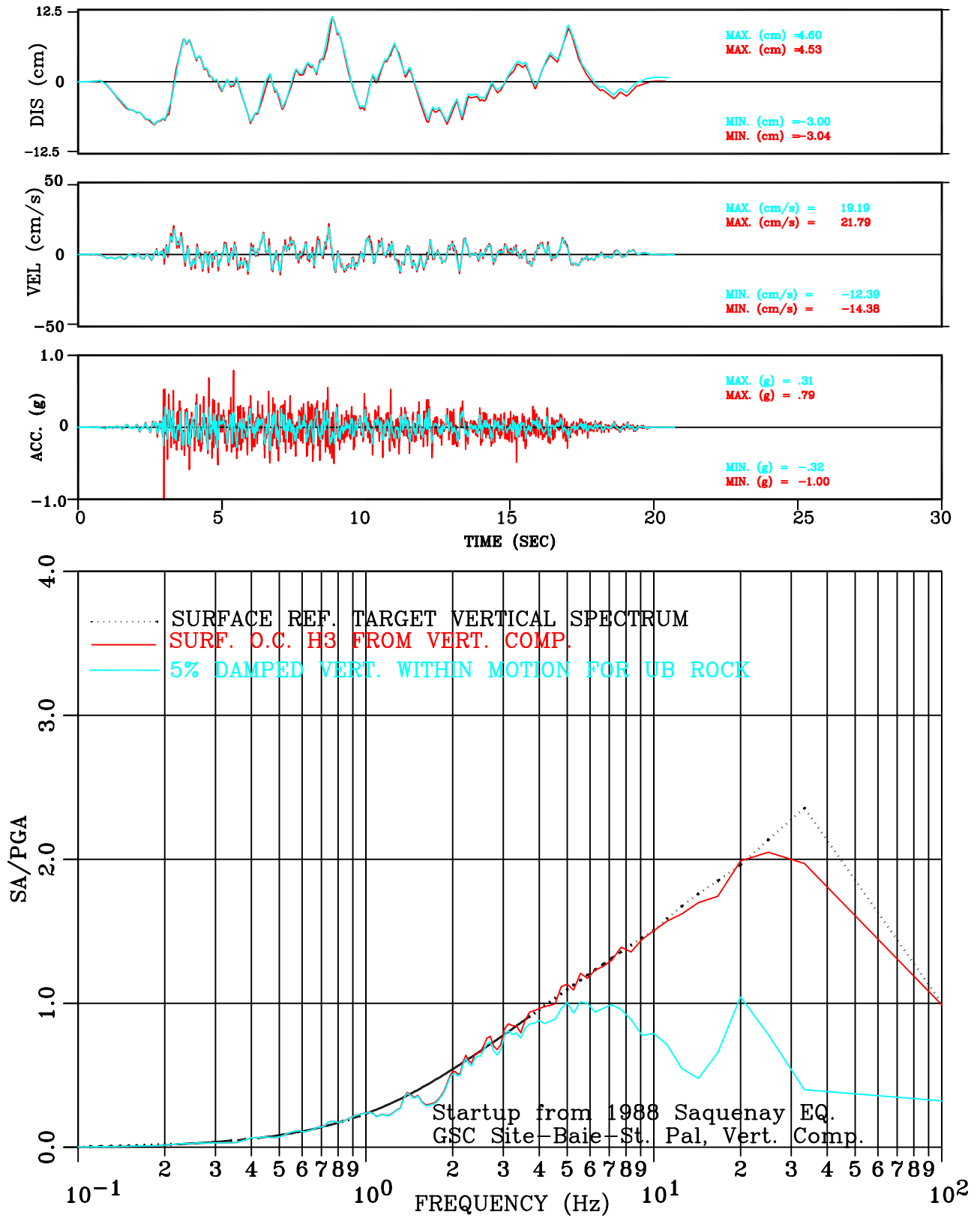


Figure III-144: Within vs. Surface Motion for UB Rock
Set-2 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

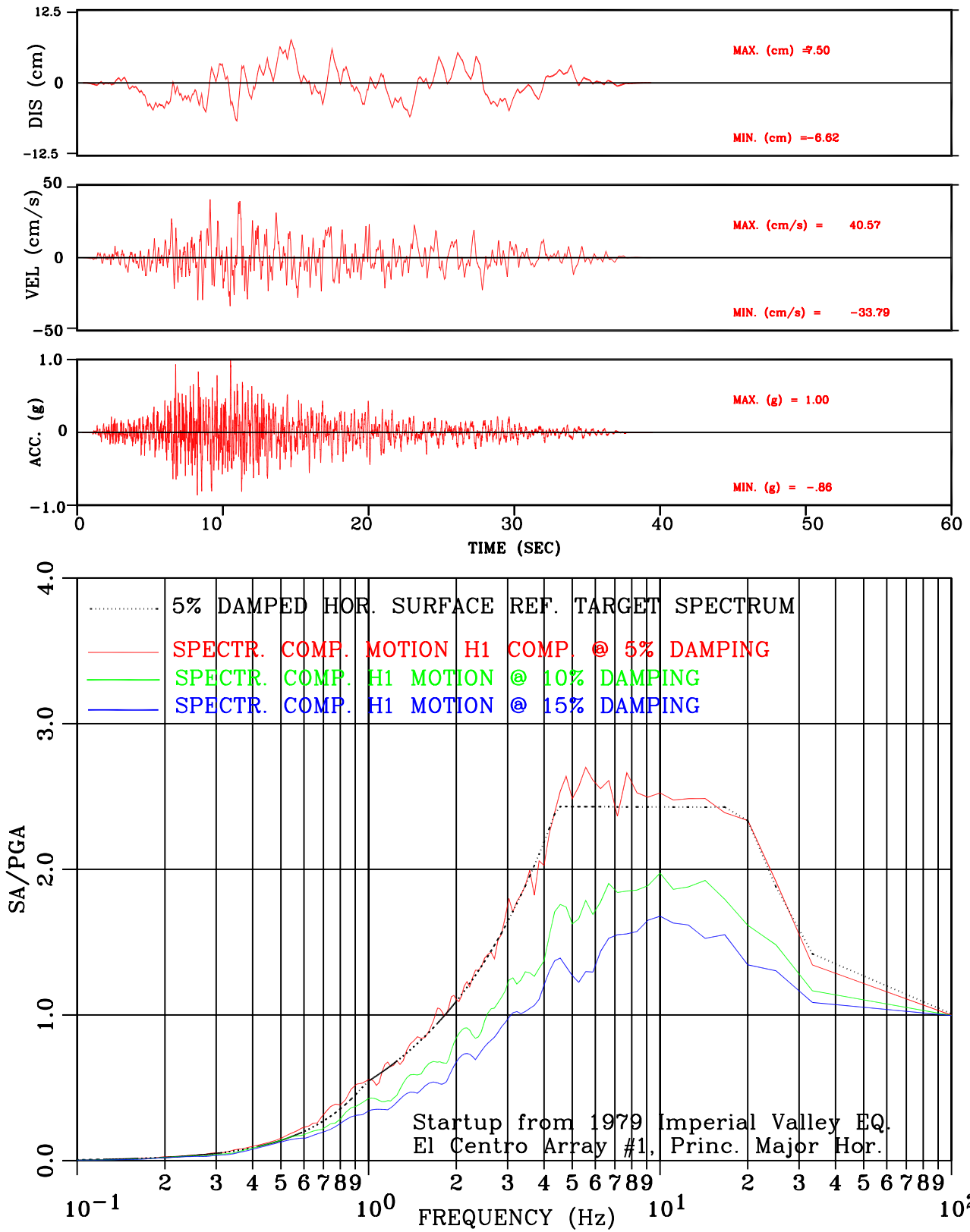


Figure III-145: Set-3 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

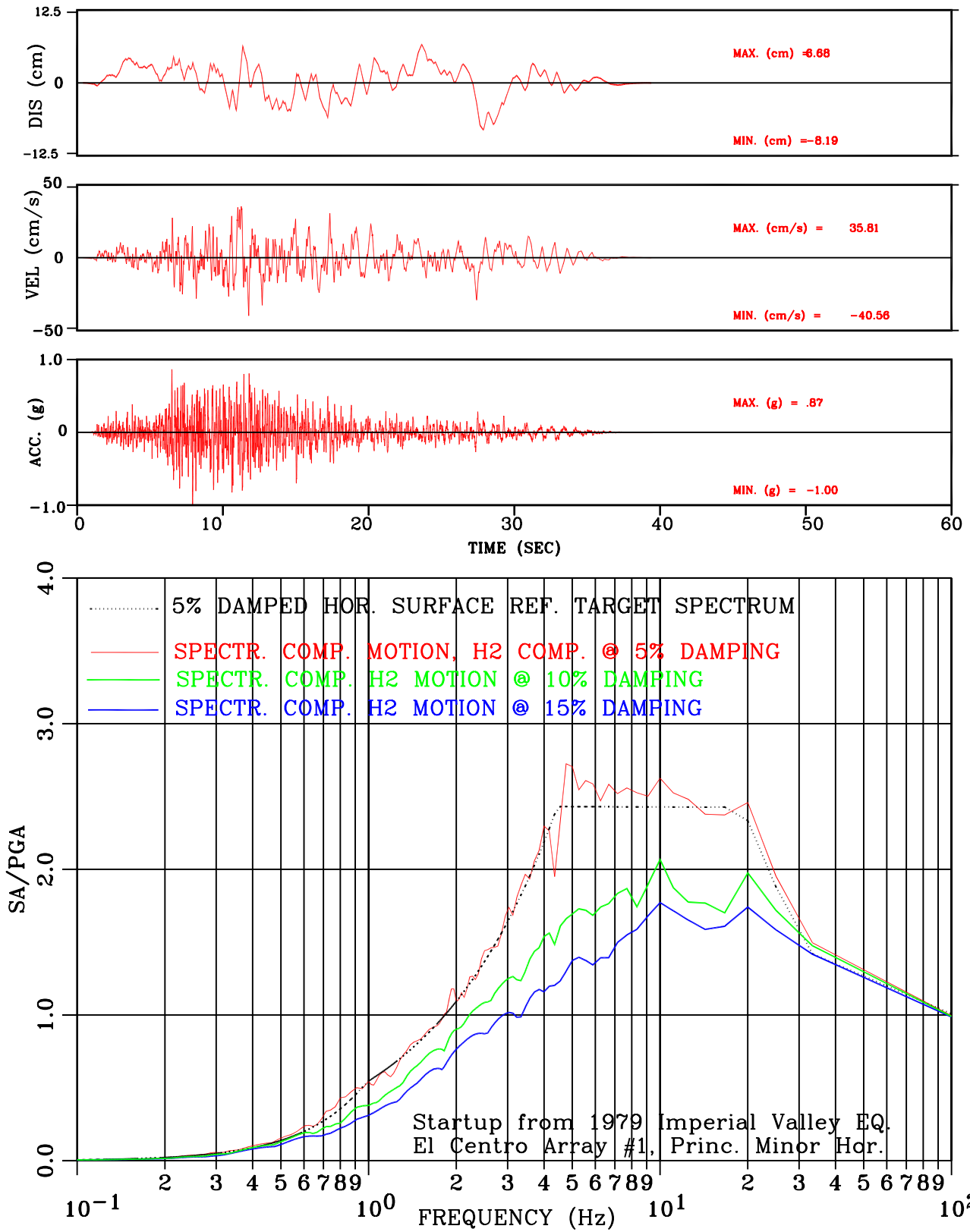


Figure III-146: Set-3 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

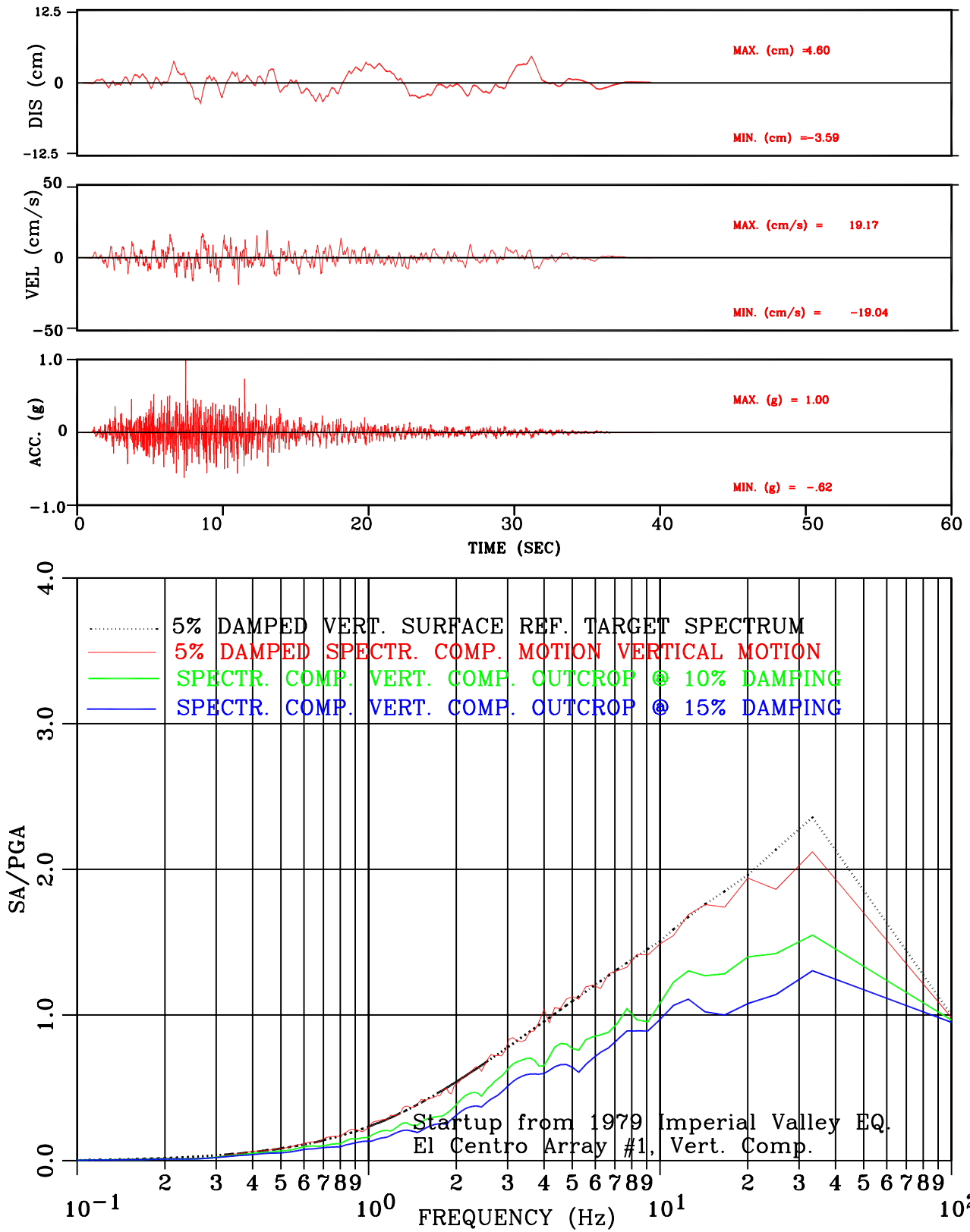


Figure III-147: Set-3 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

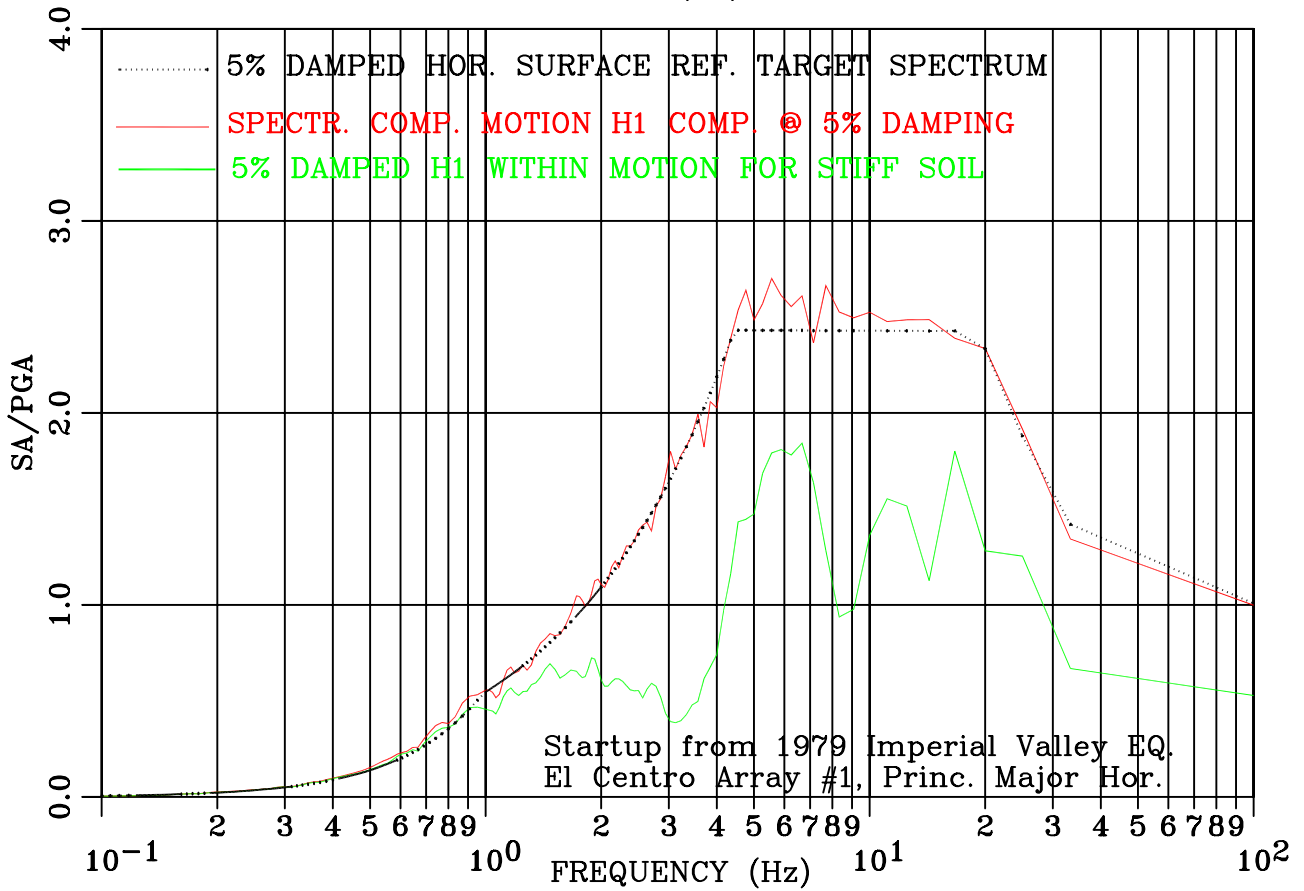
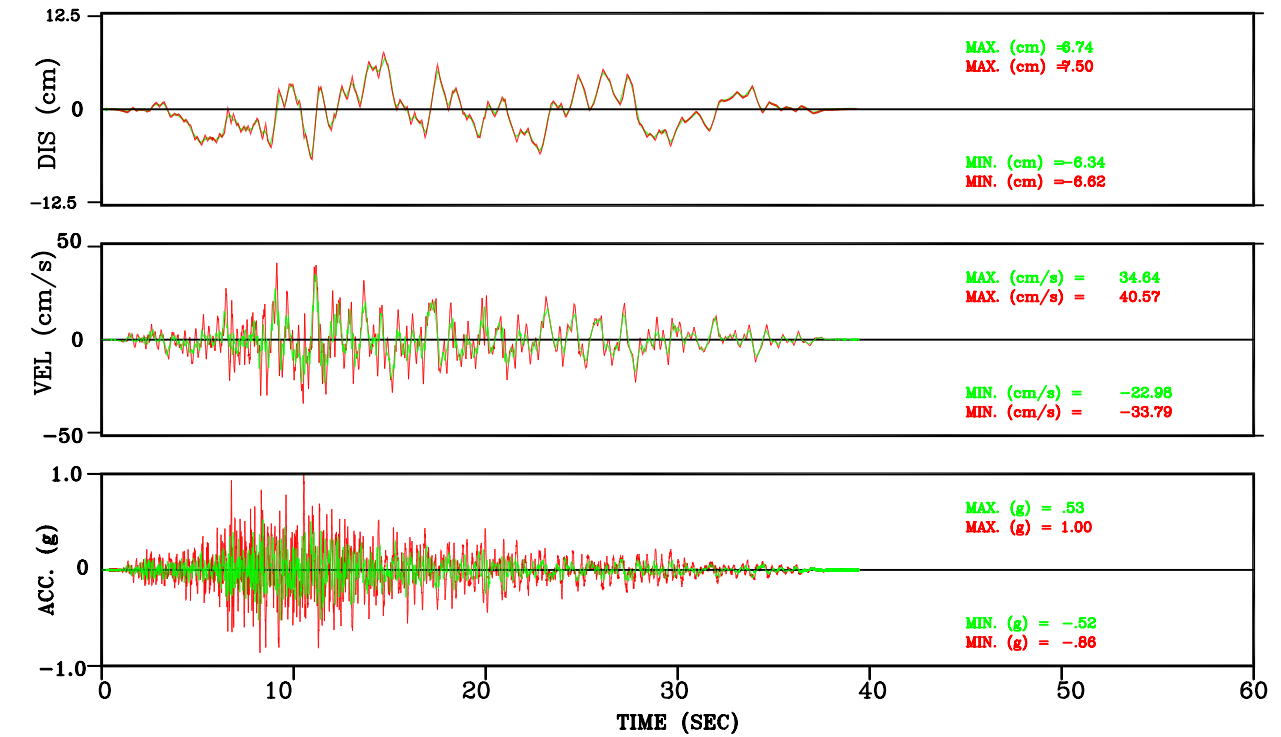


Figure III-148: Within vs. Surface Motion for Stiff Soil
 Set-3 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

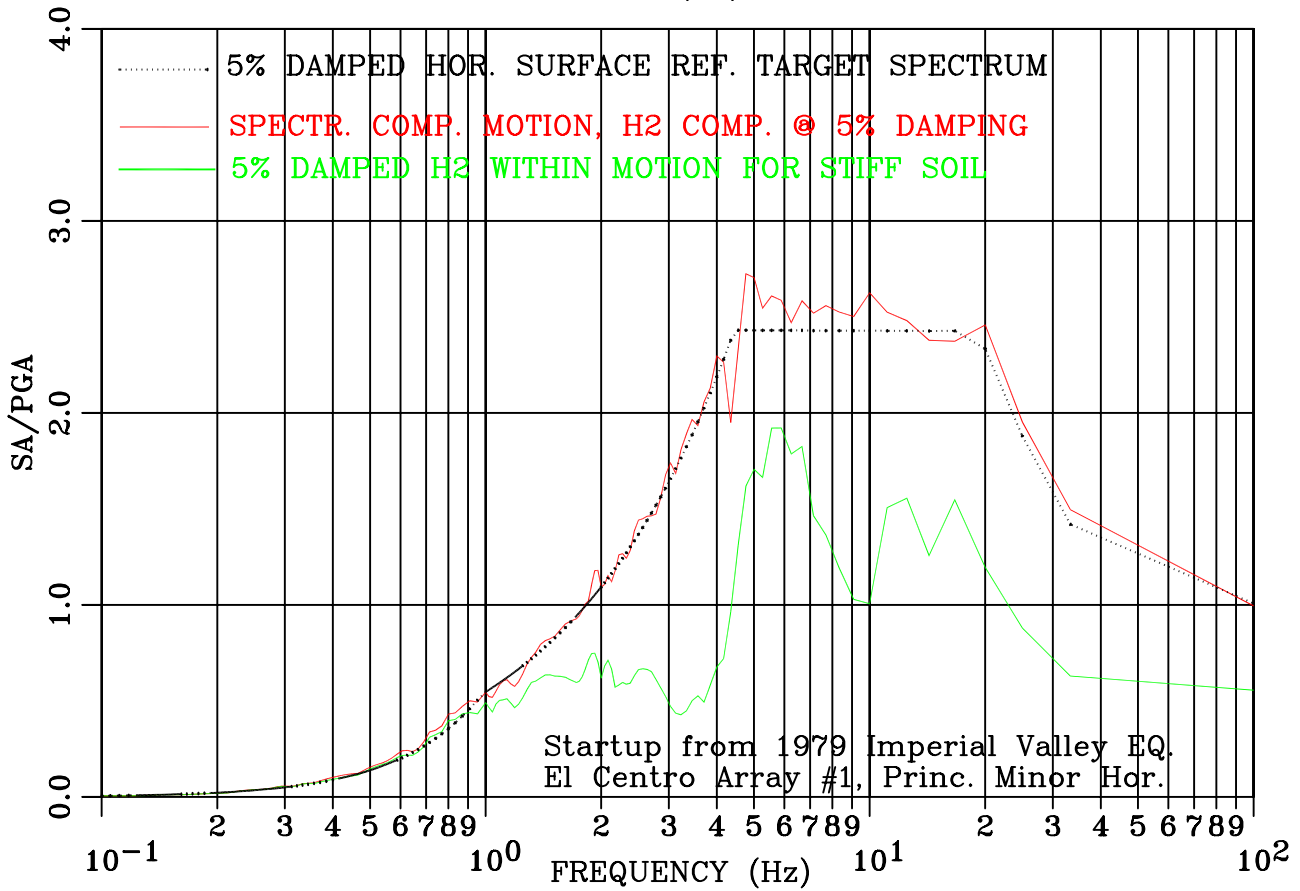
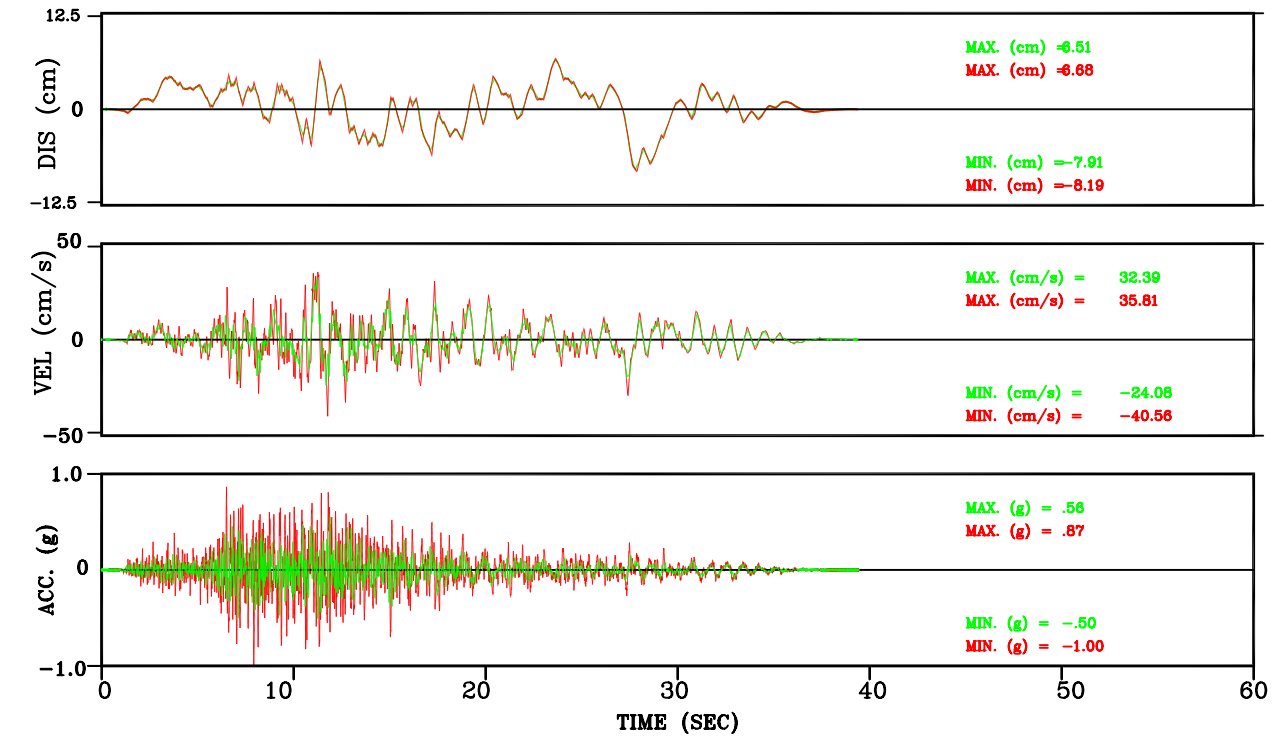


Figure III-149: Within vs. Surface Motion for Stiff Soil
 Set-3 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

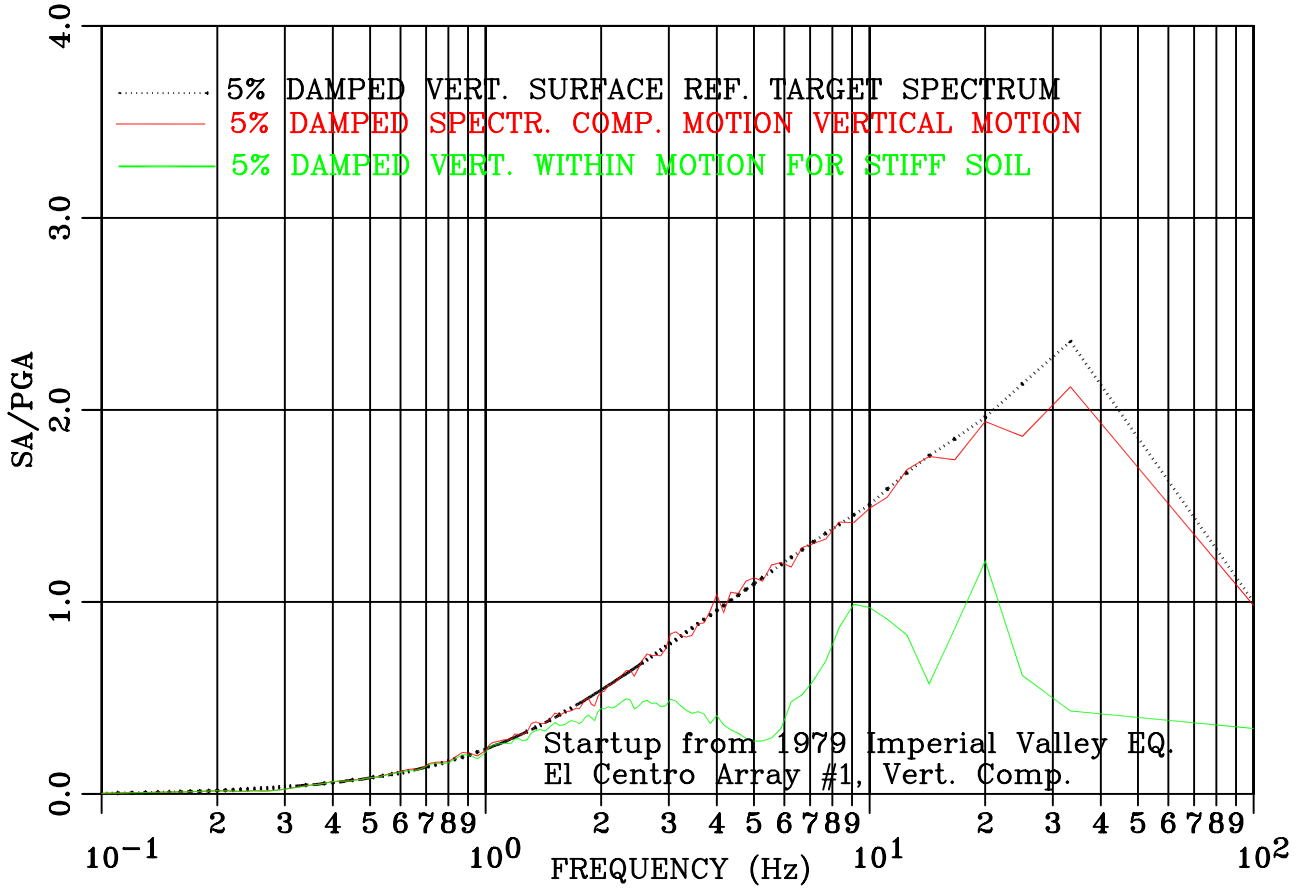
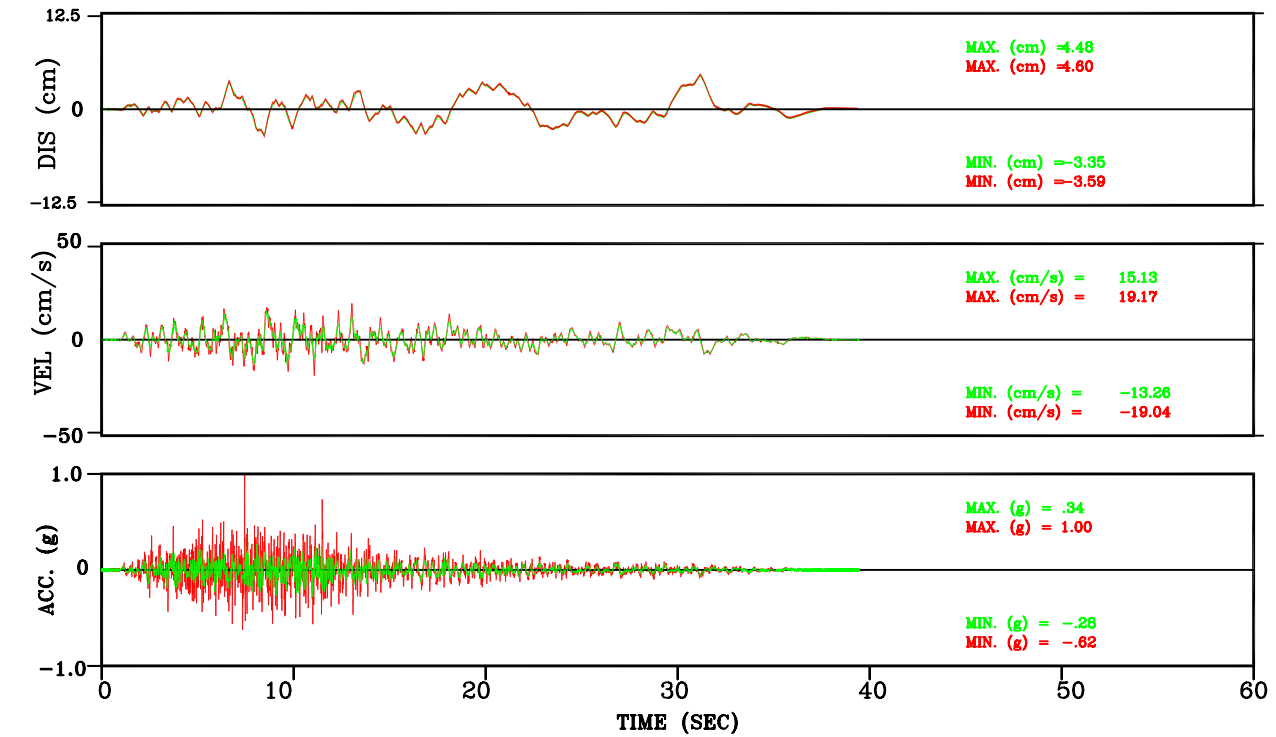


Figure III-150: Within vs. Surface Motion for Stiff Soil
 Set-3 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

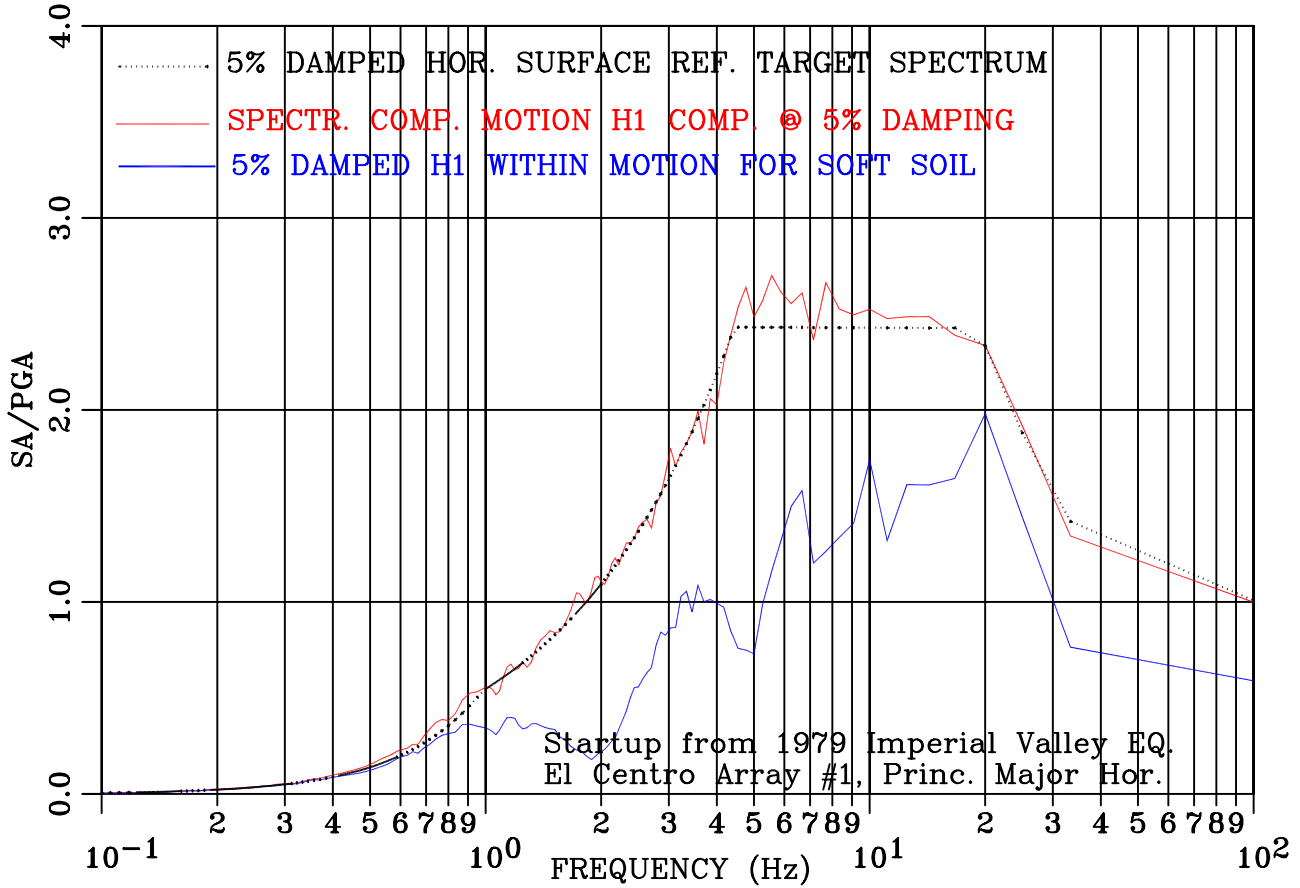
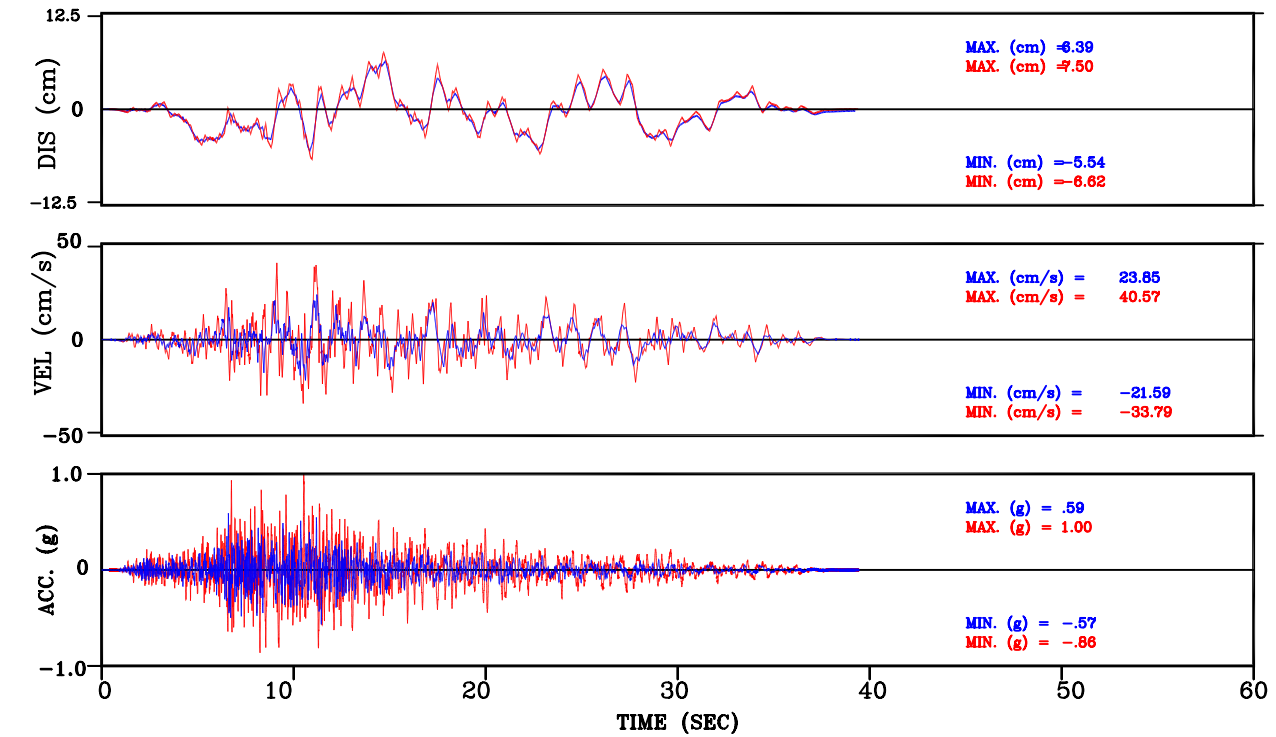


Figure III-151: Within vs. Surface Motion for Soft Soil
Set-3 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

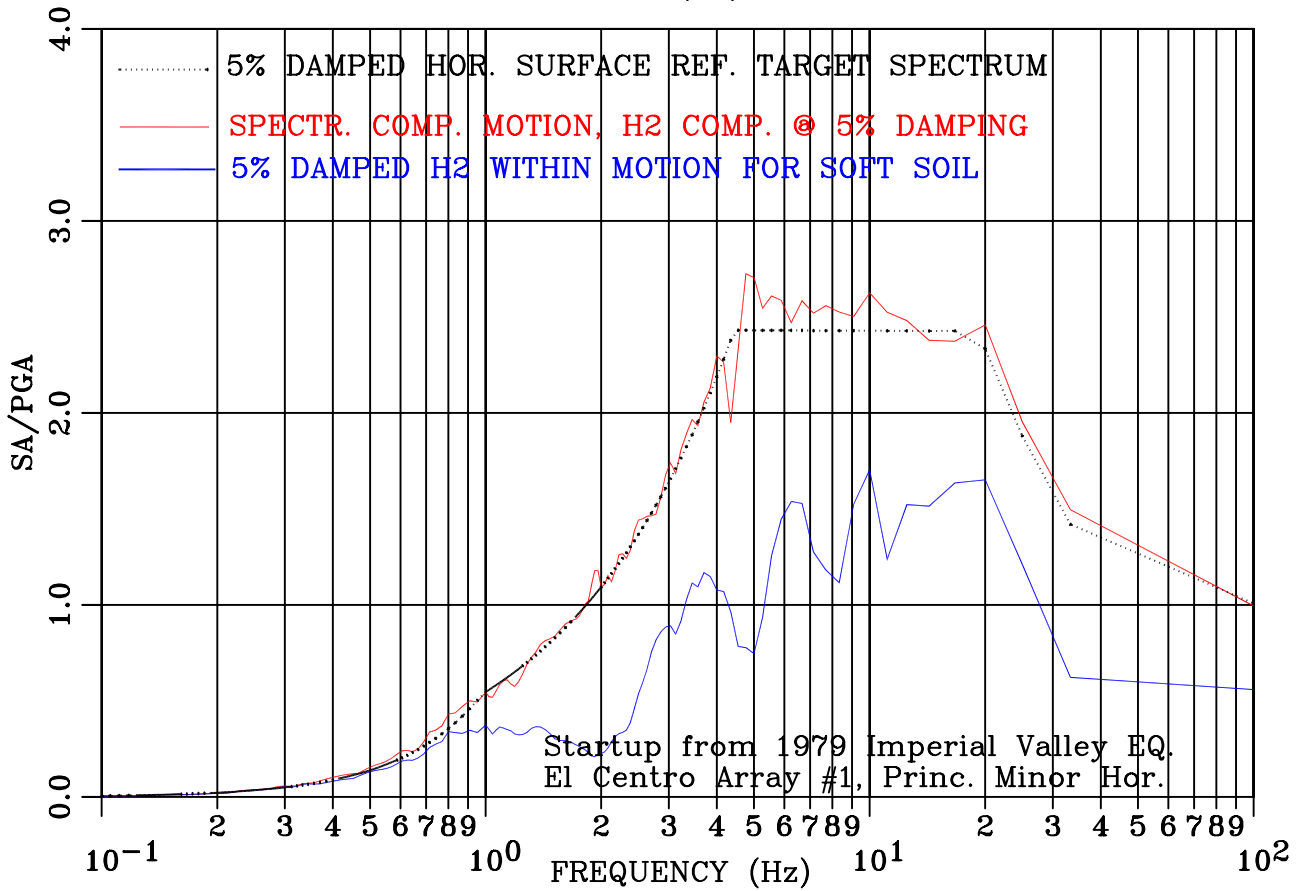
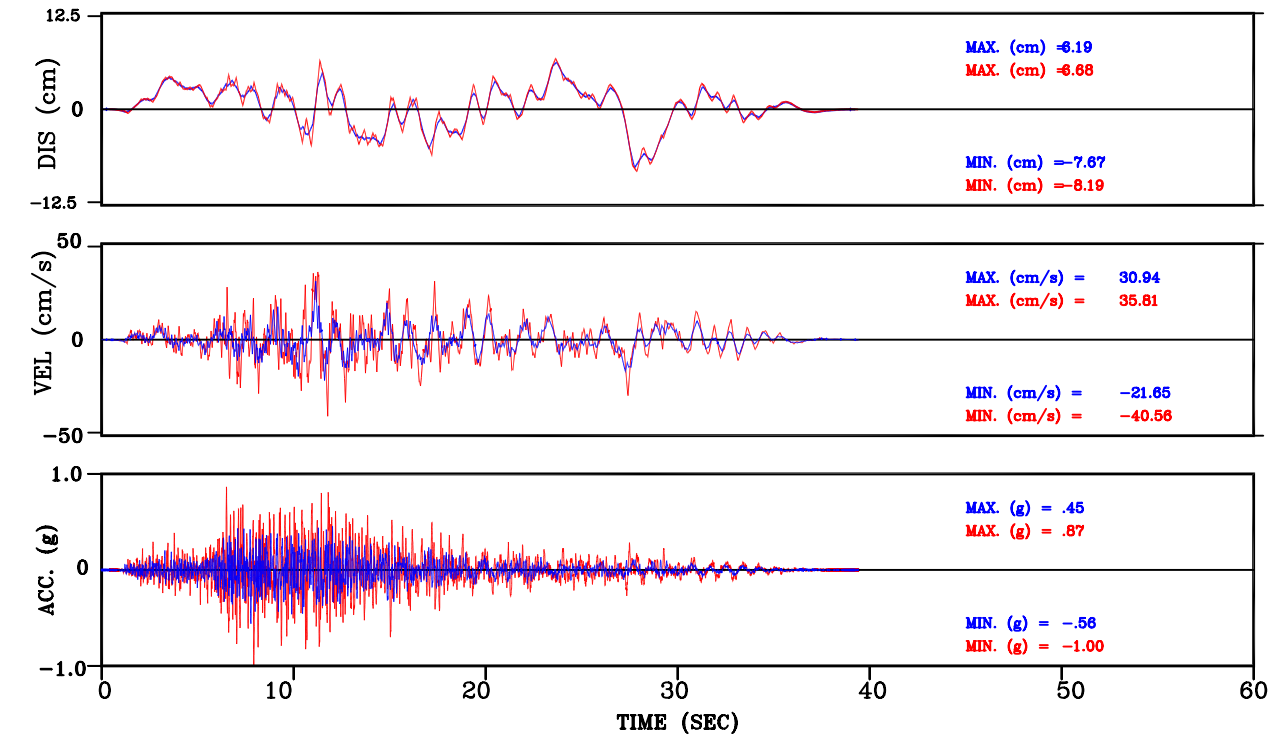


Figure III-152: Within vs. Surface Motion for Soft Soil
 Set-3 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

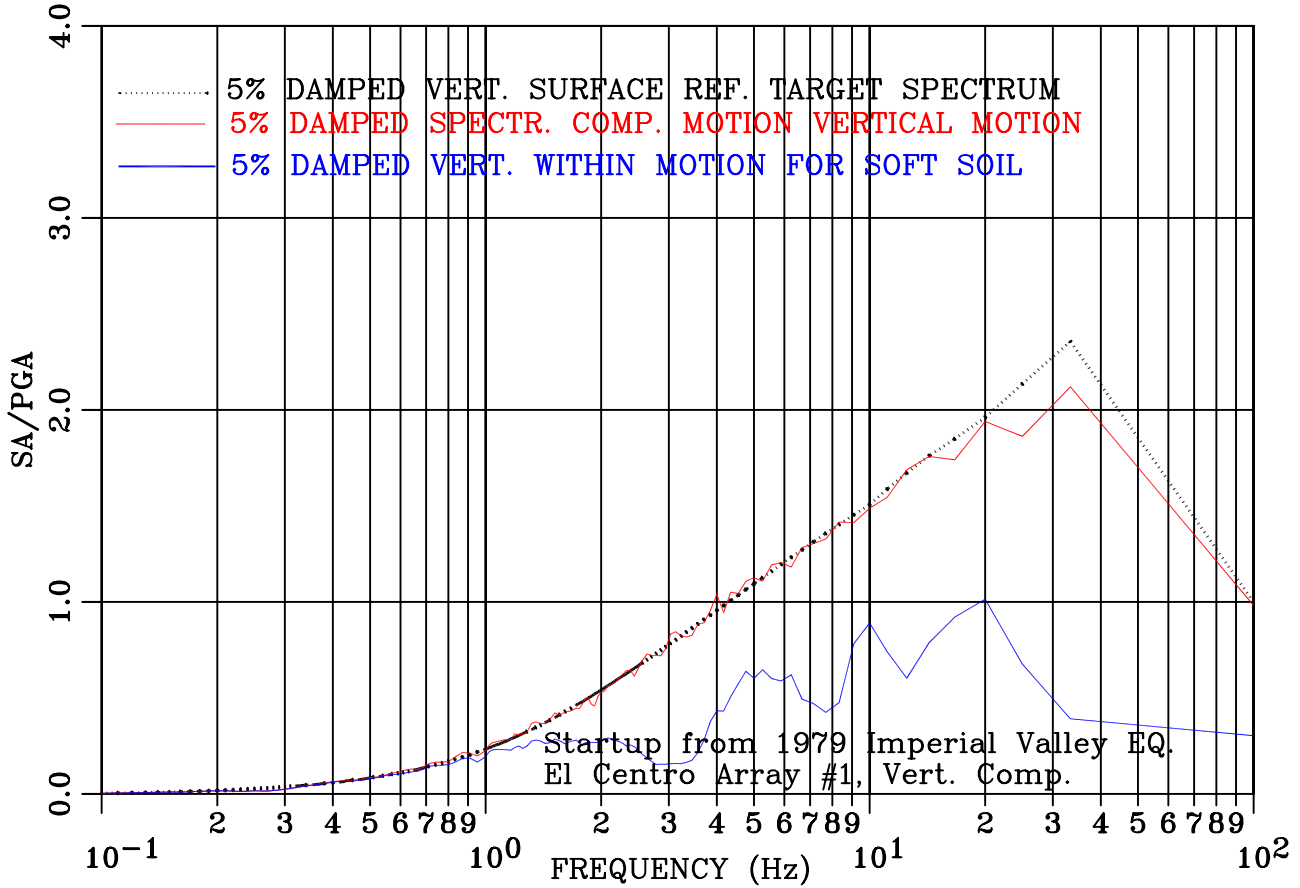
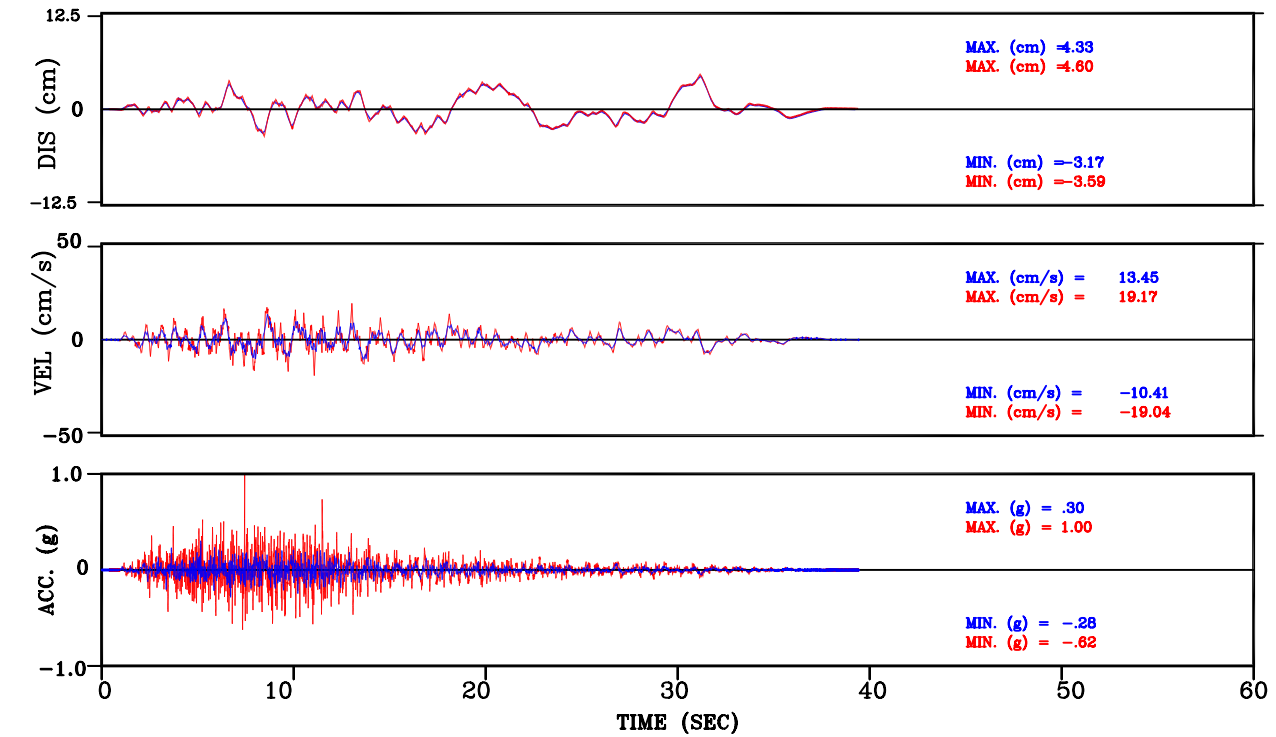


Figure III-153: Within vs. Surface Motion for Soft Soil
 Set-3 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

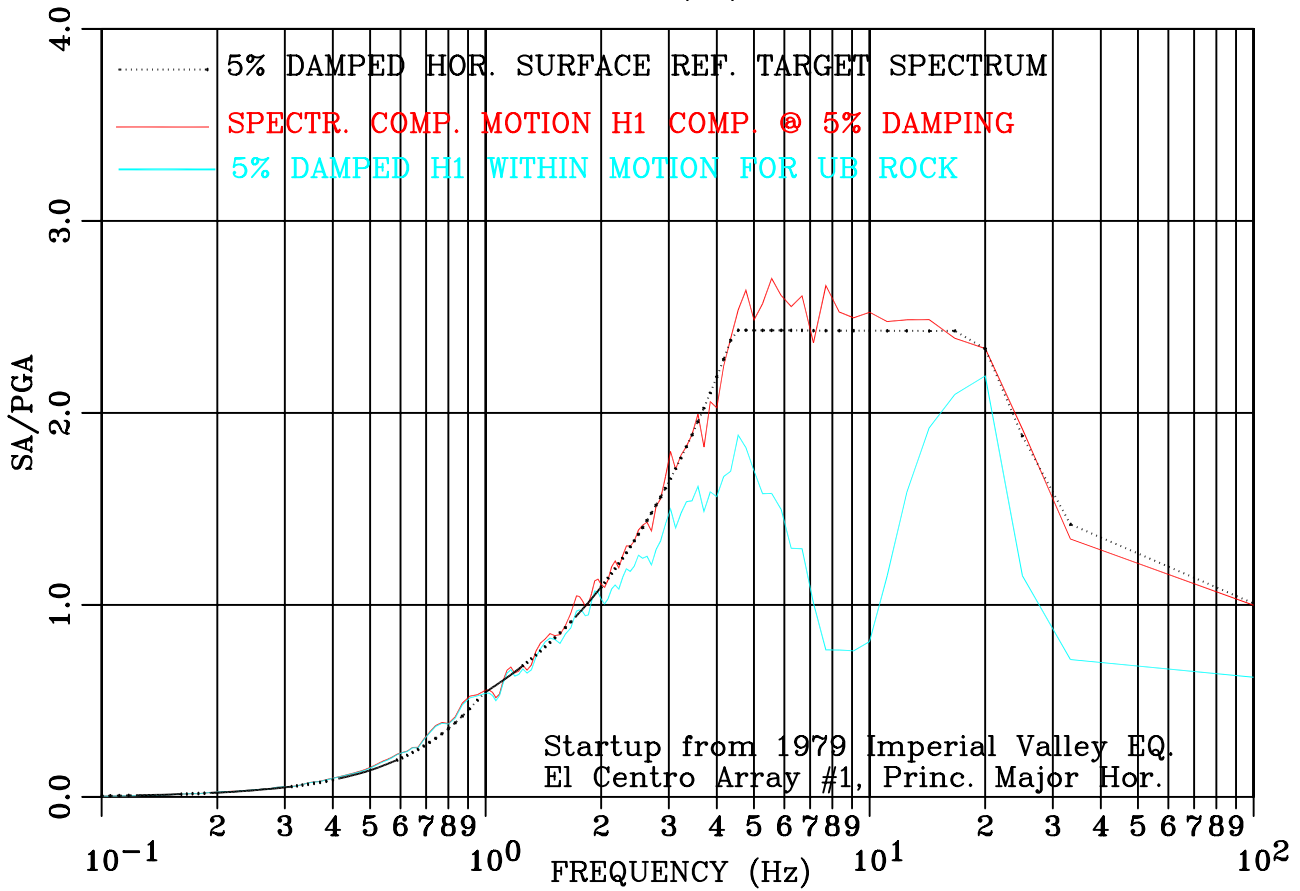
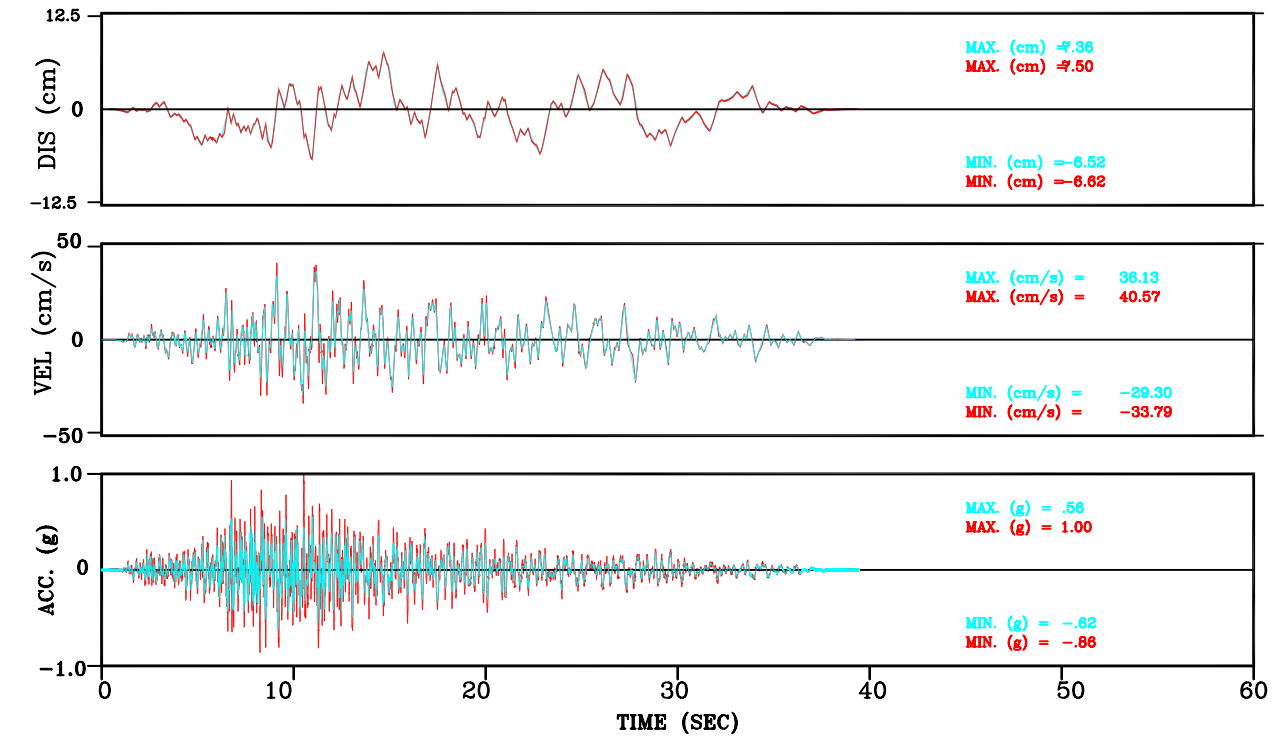


Figure III-154: Within vs. Surface Motion for UB Rock
 Set-3 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

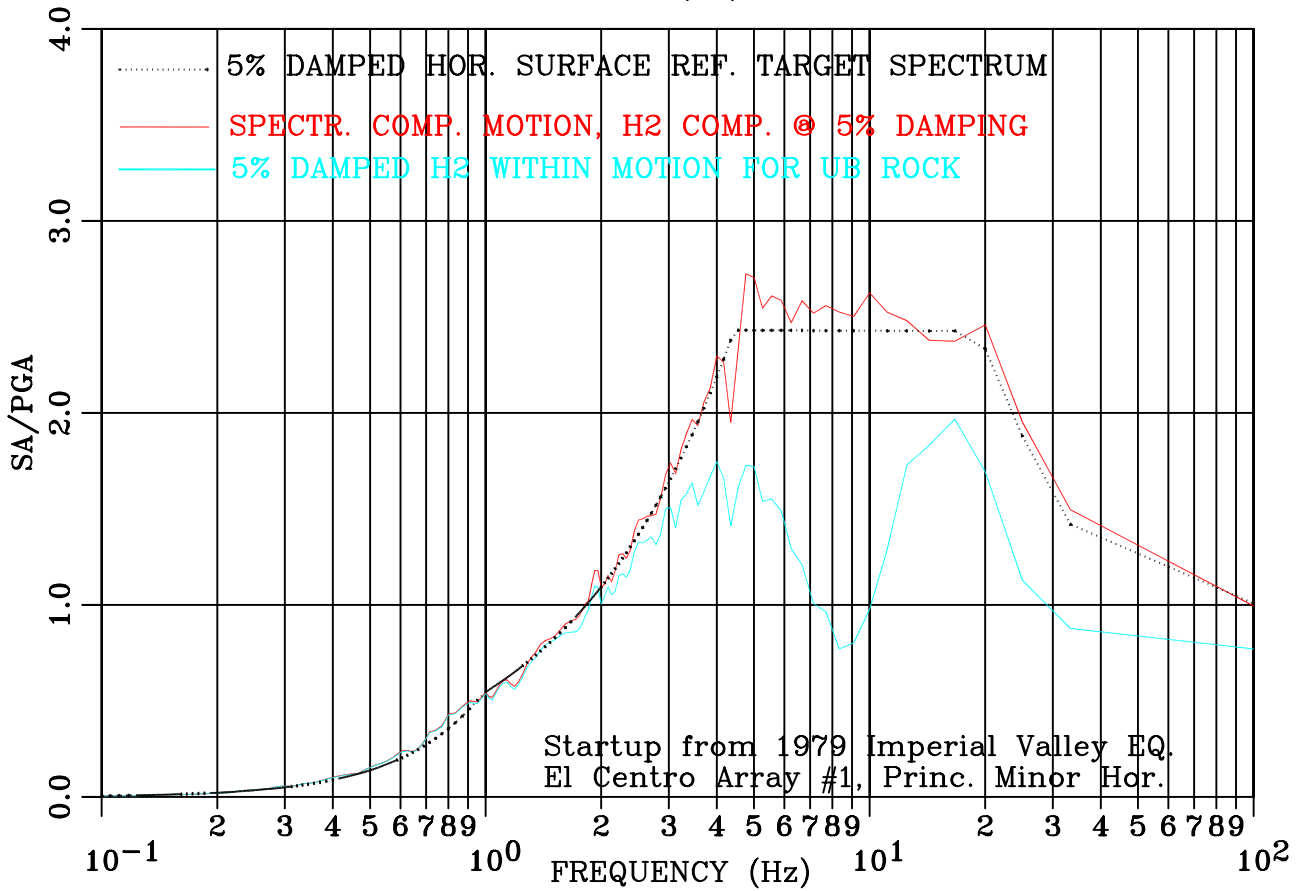
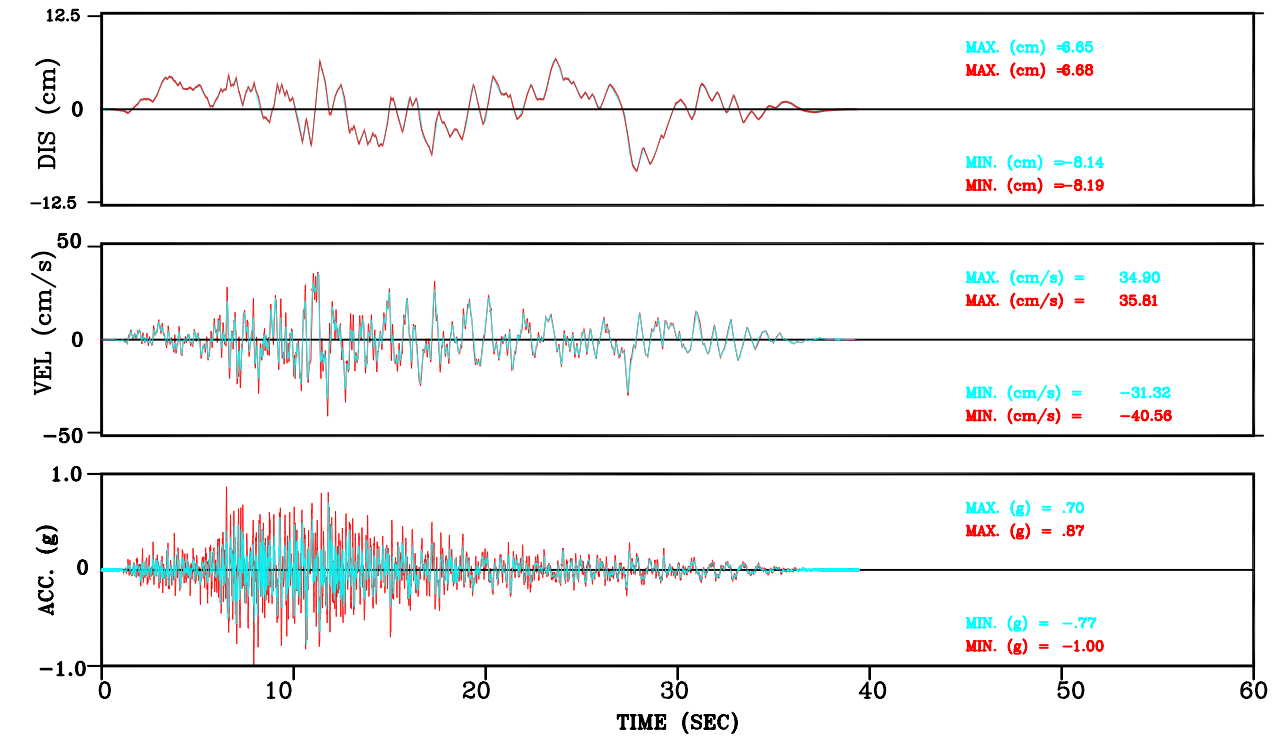


Figure III-155: Within vs. Surface Motion for UB Rock
 Set-3 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

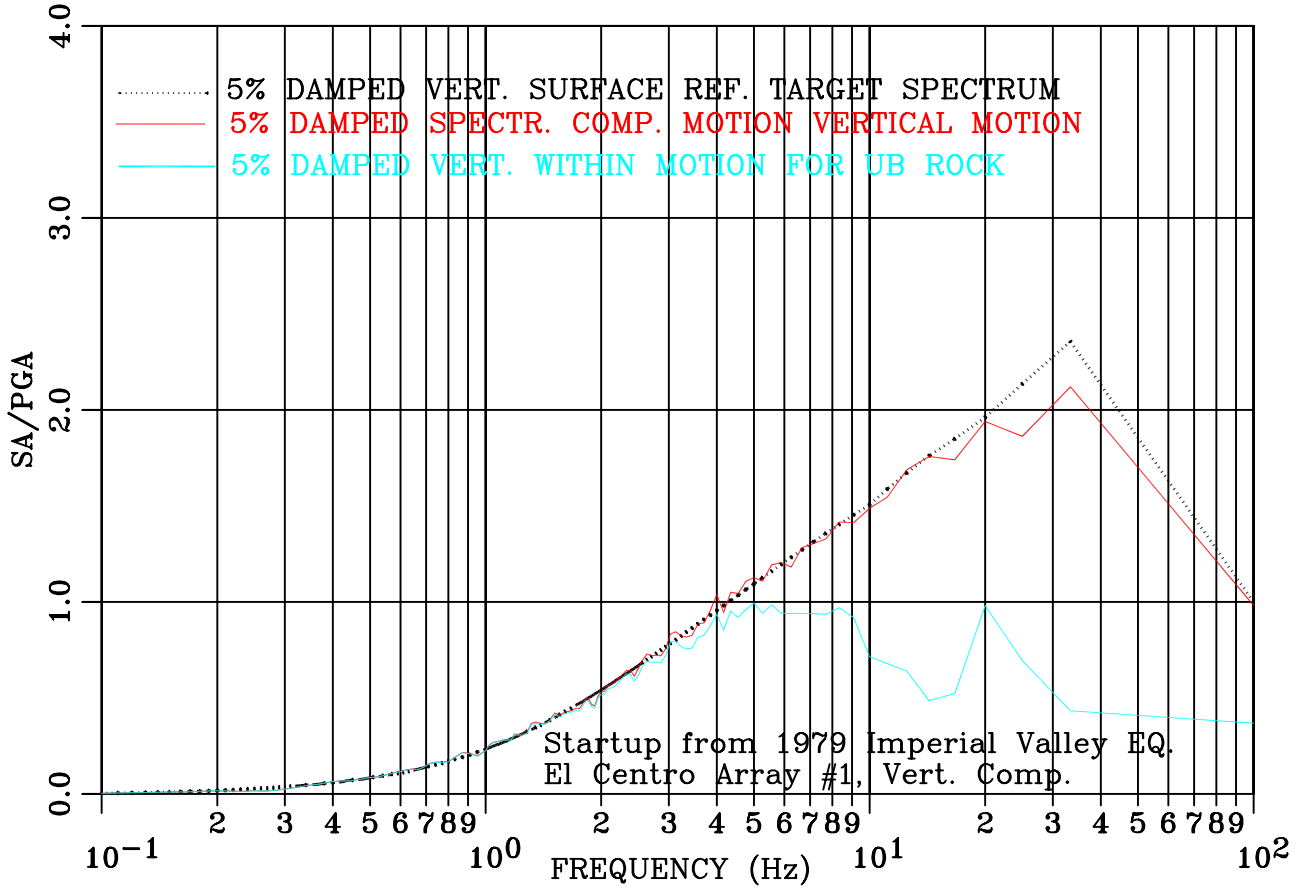
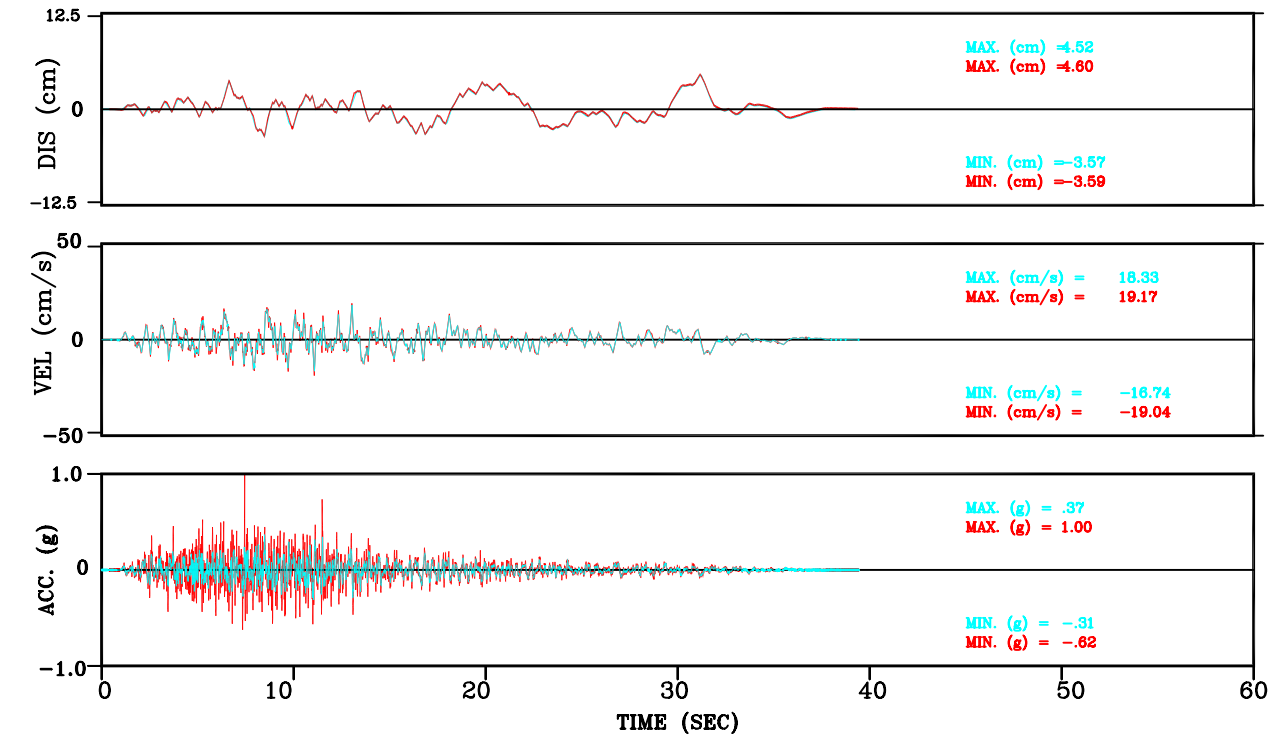


Figure III-156: Within vs. Surface Motion for UB Rock
 Set-3 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

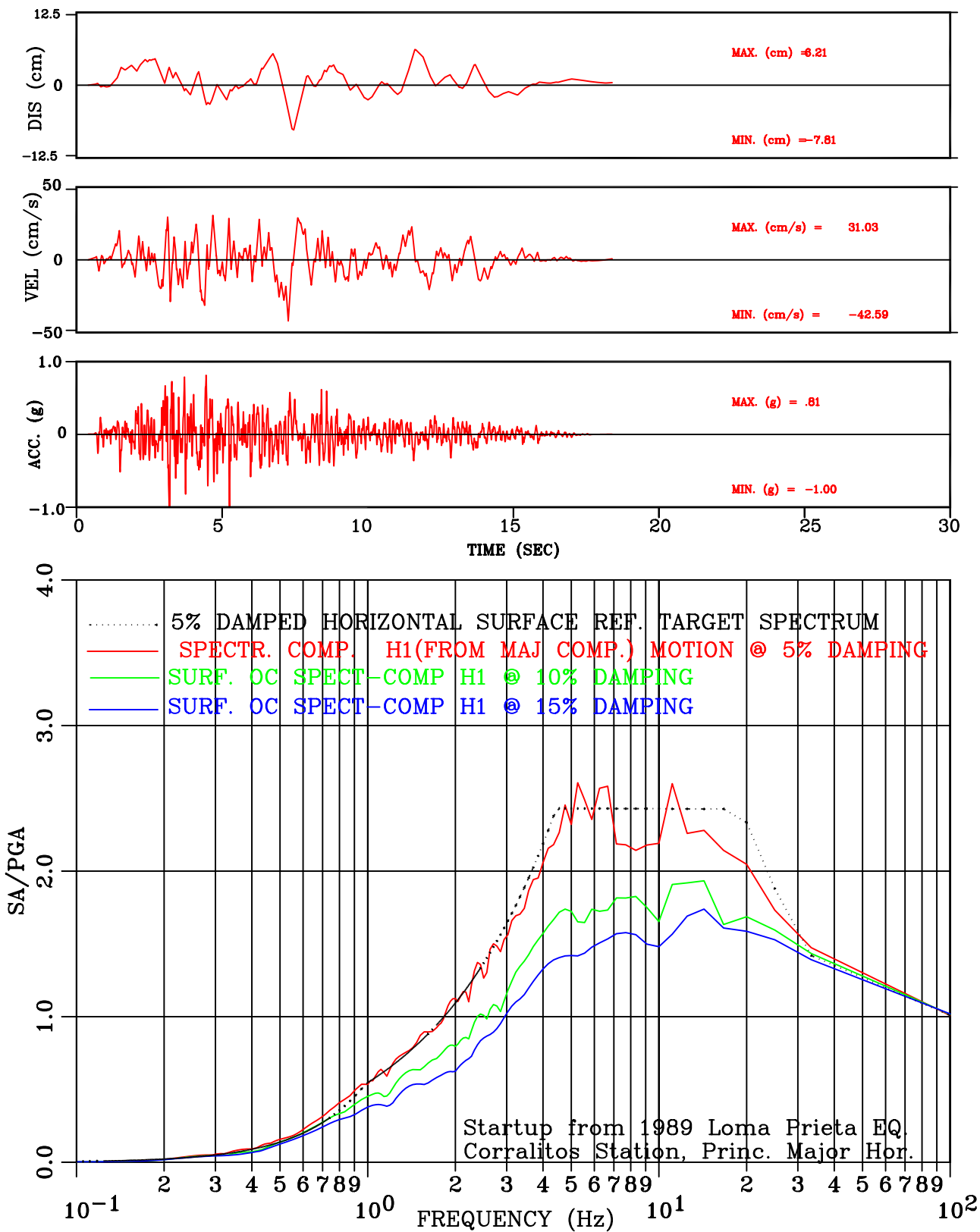


Figure III-157: Set-4 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

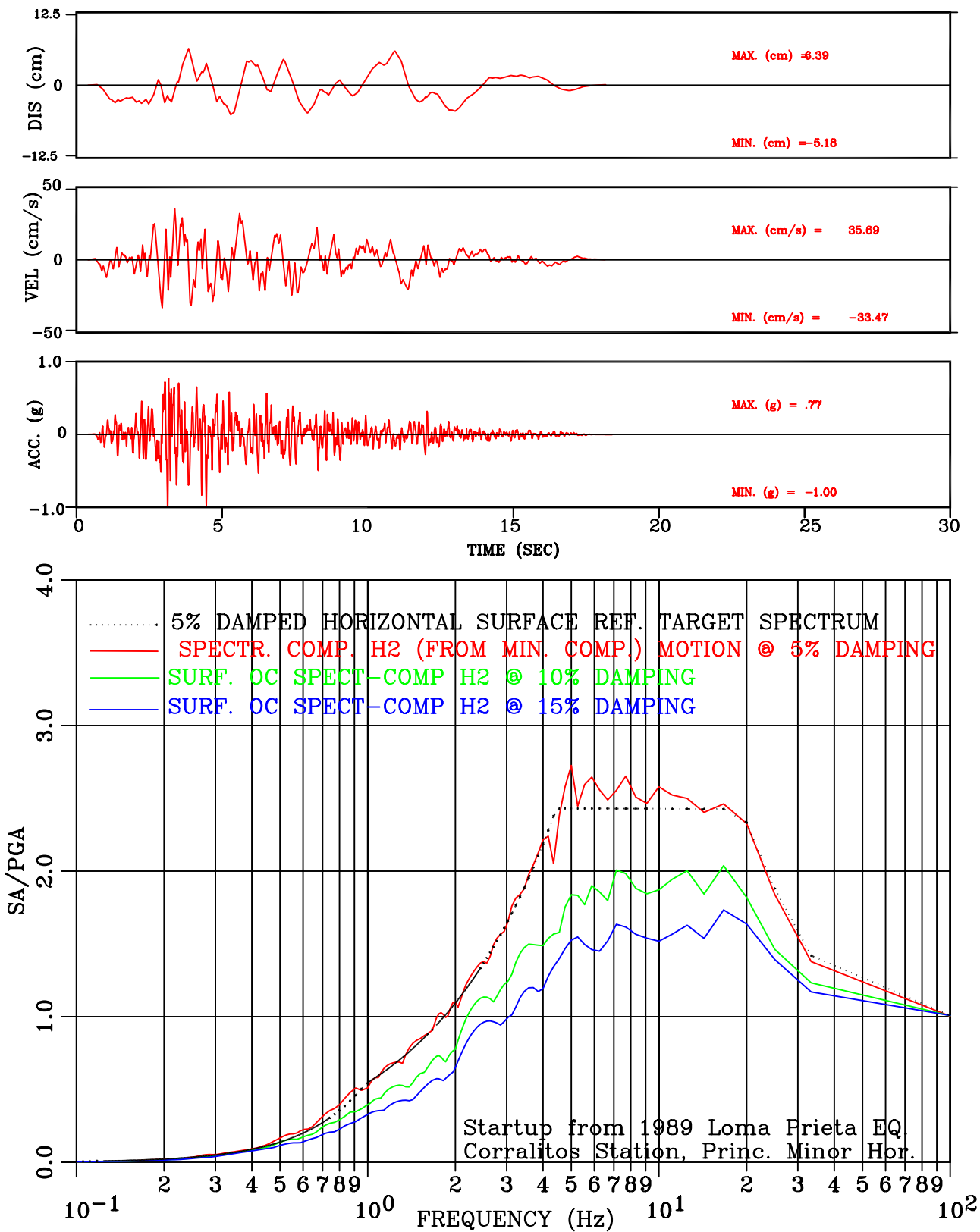


Figure III-158: Set-4 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

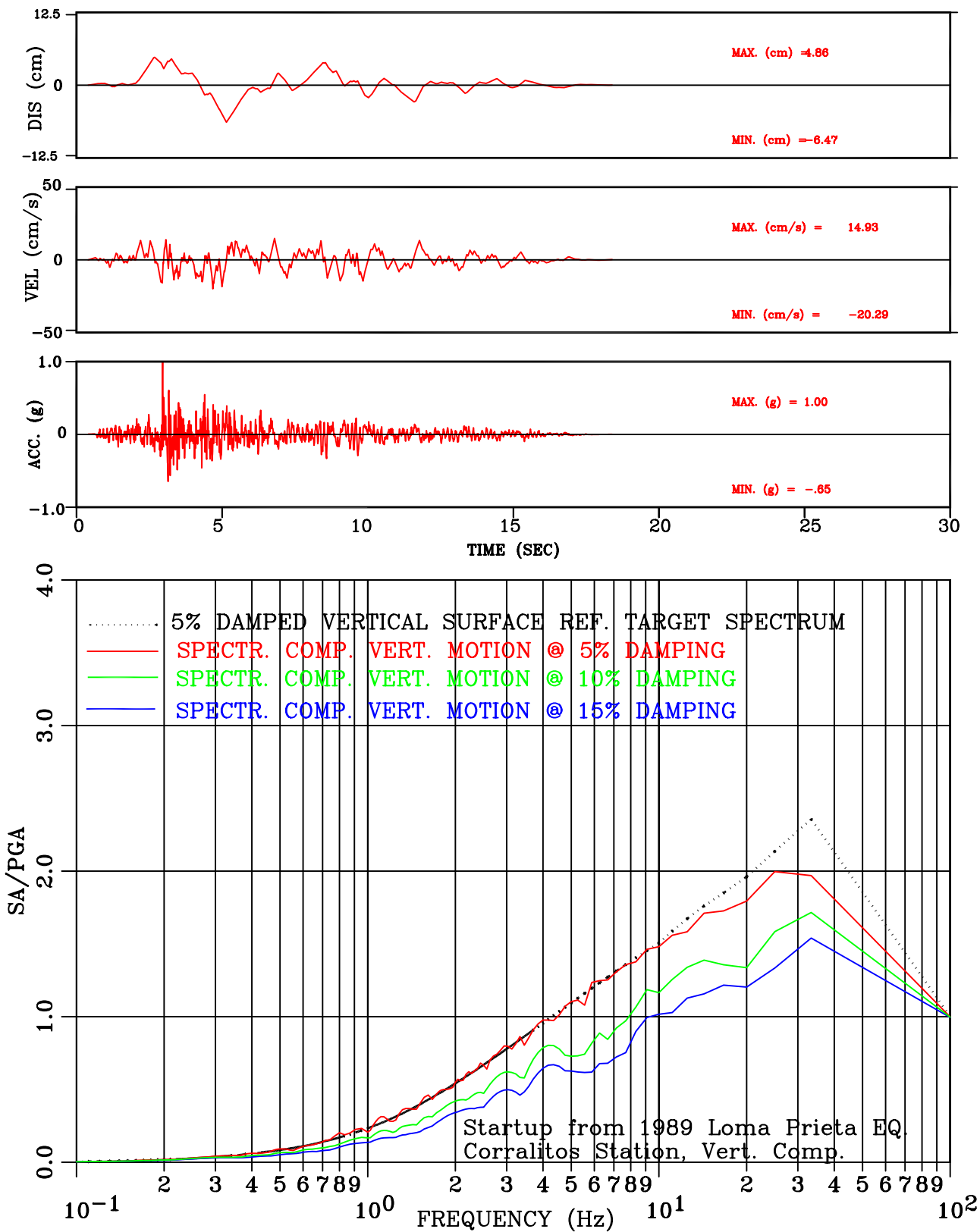


Figure III-159: Set-4 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

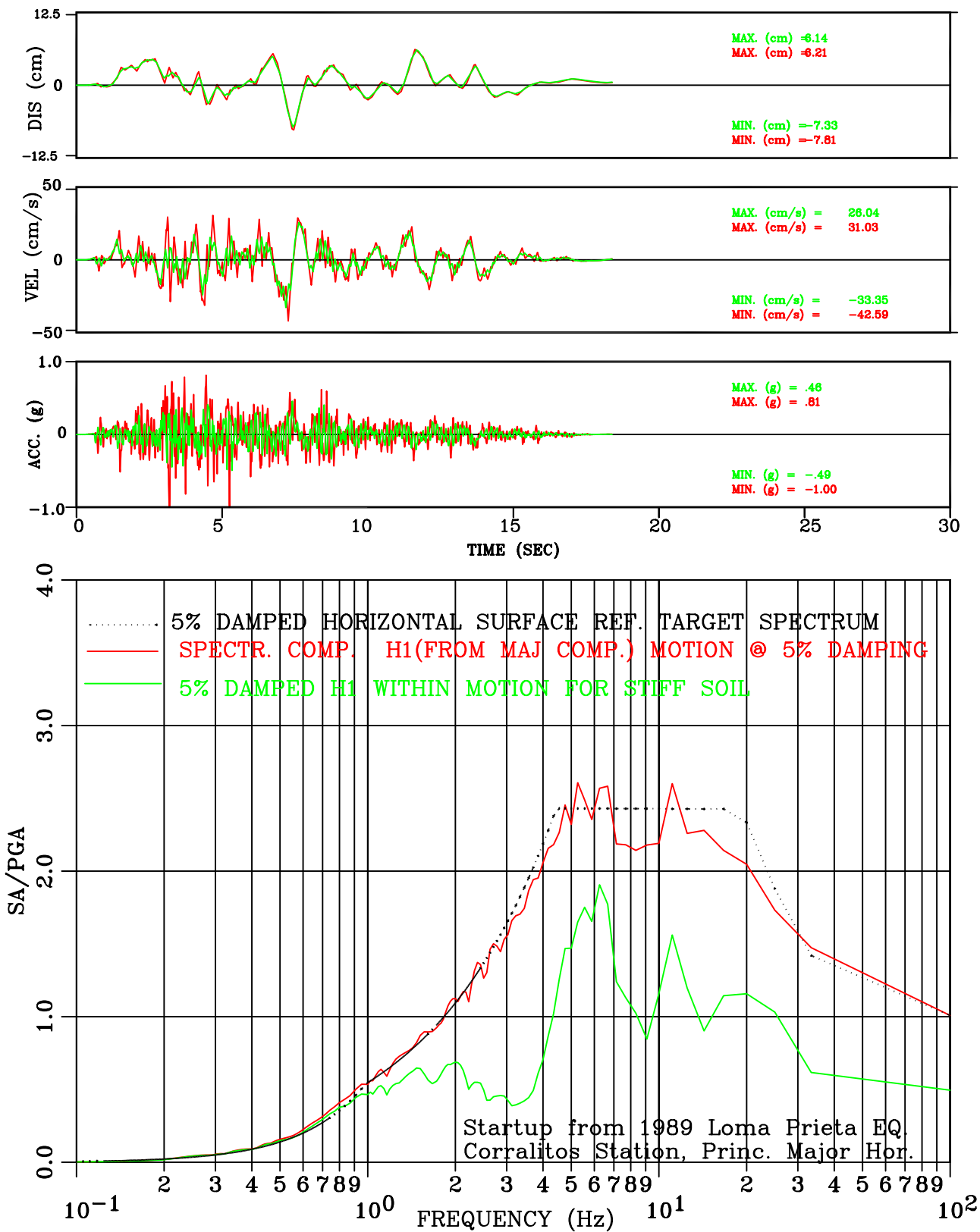


Figure III-160: Within vs. Surface Motion for Stiff Soil
 Set-4 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

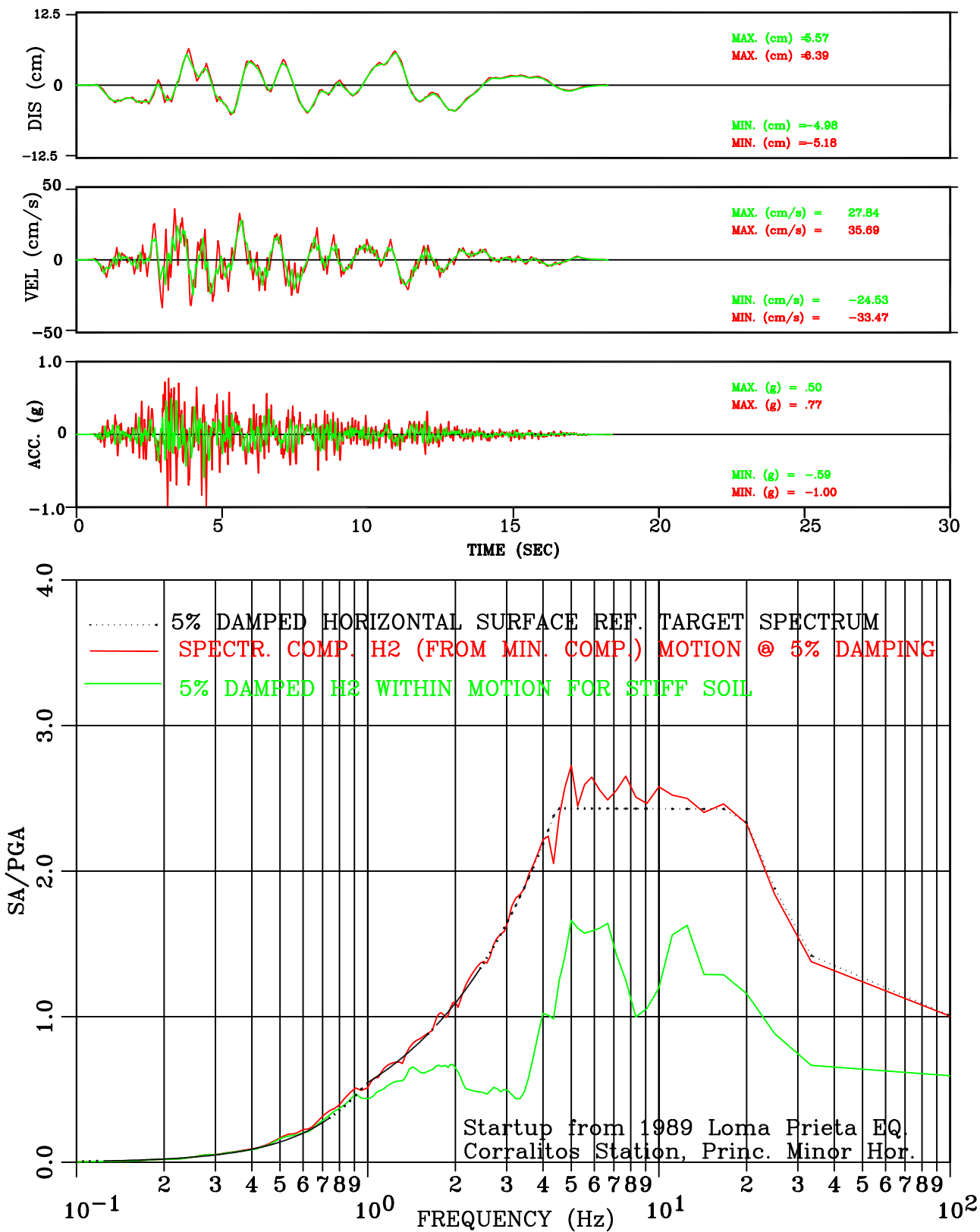


Figure III-161: Within vs. Surface Motion for Stiff Soil
 Set-4 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

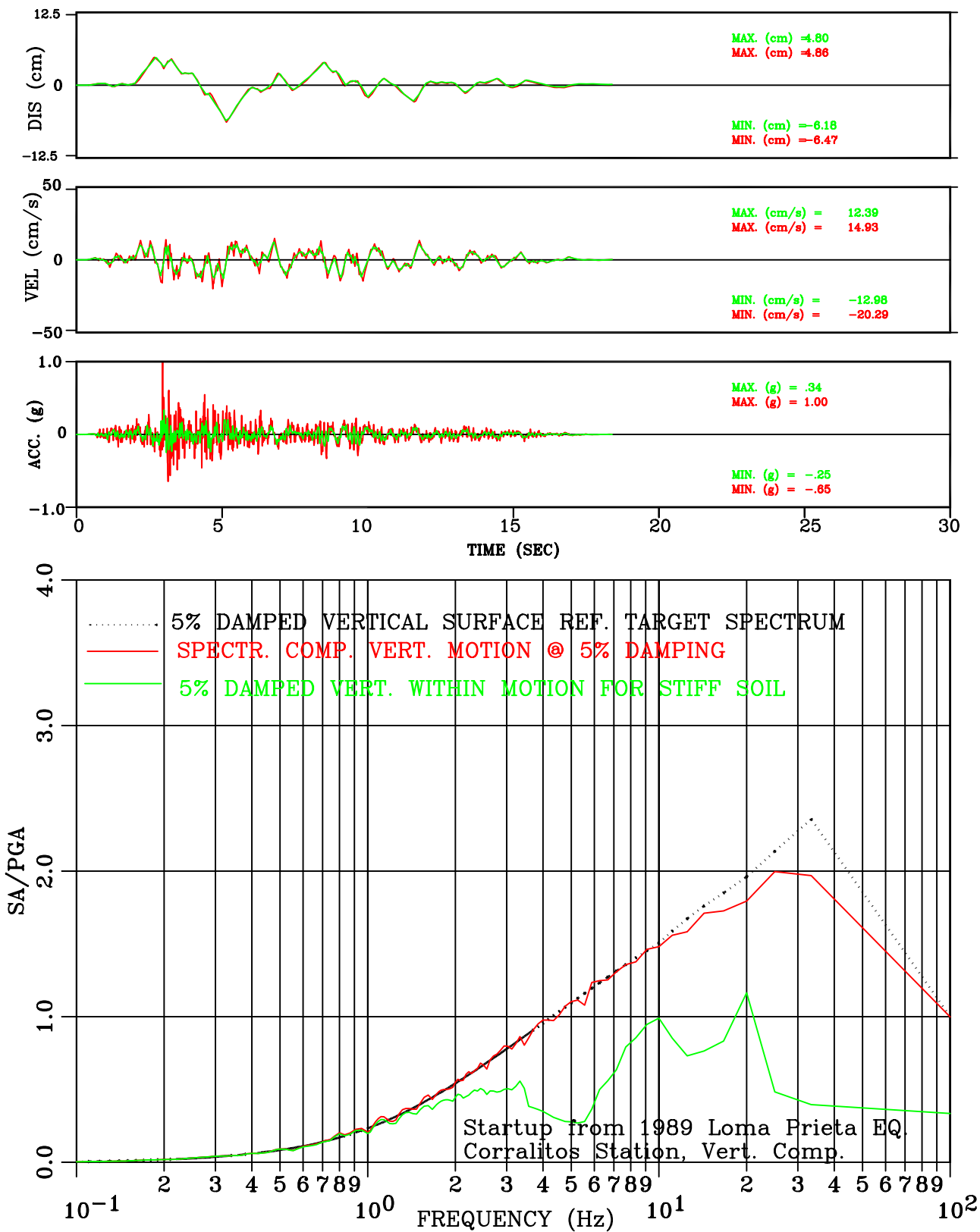


Figure III-162: Within vs. Surface Motion for Stiff Soil
 Set-4 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

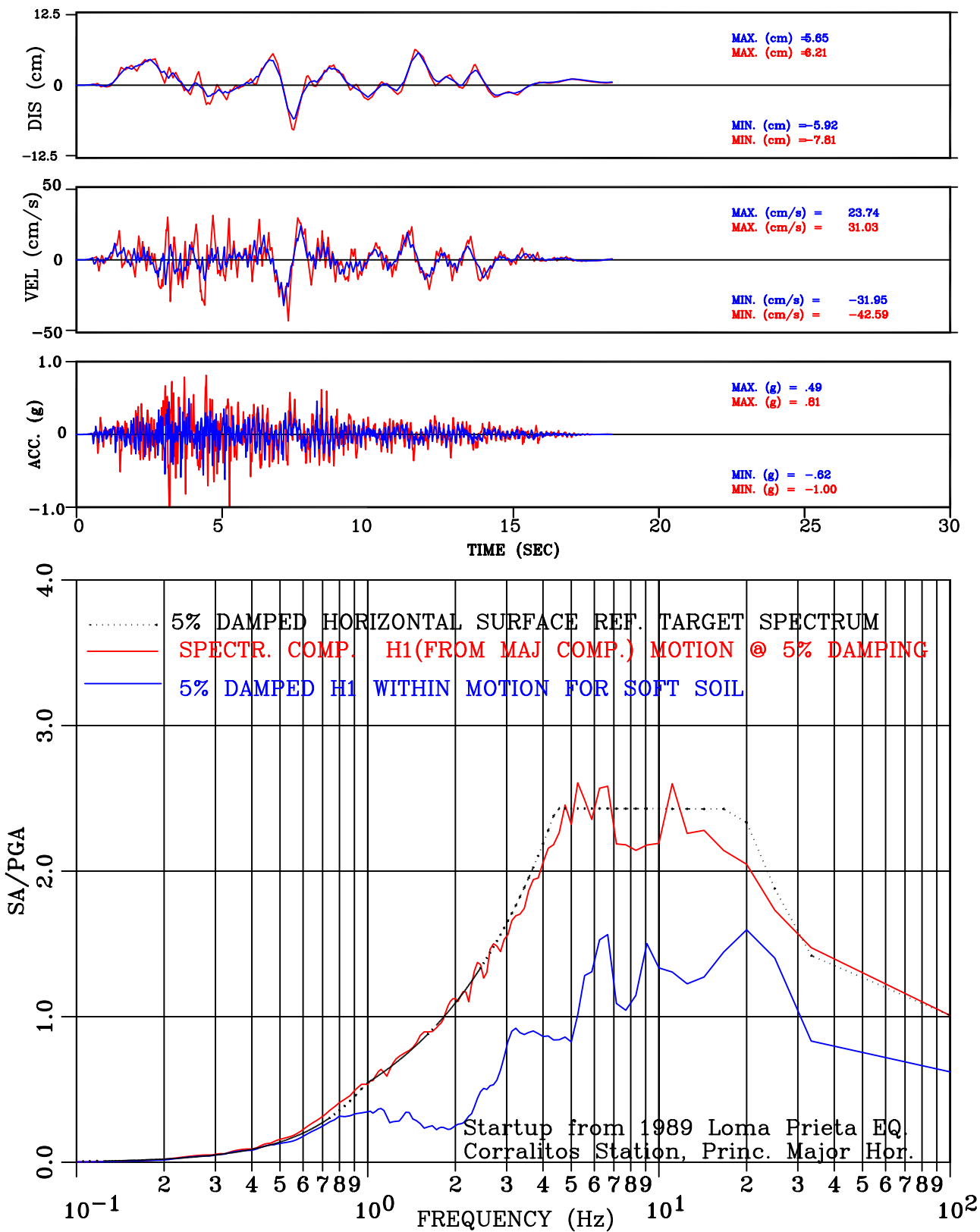


Figure III-163: Within vs. Surface Motion for Soft Soil
 Set-4 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

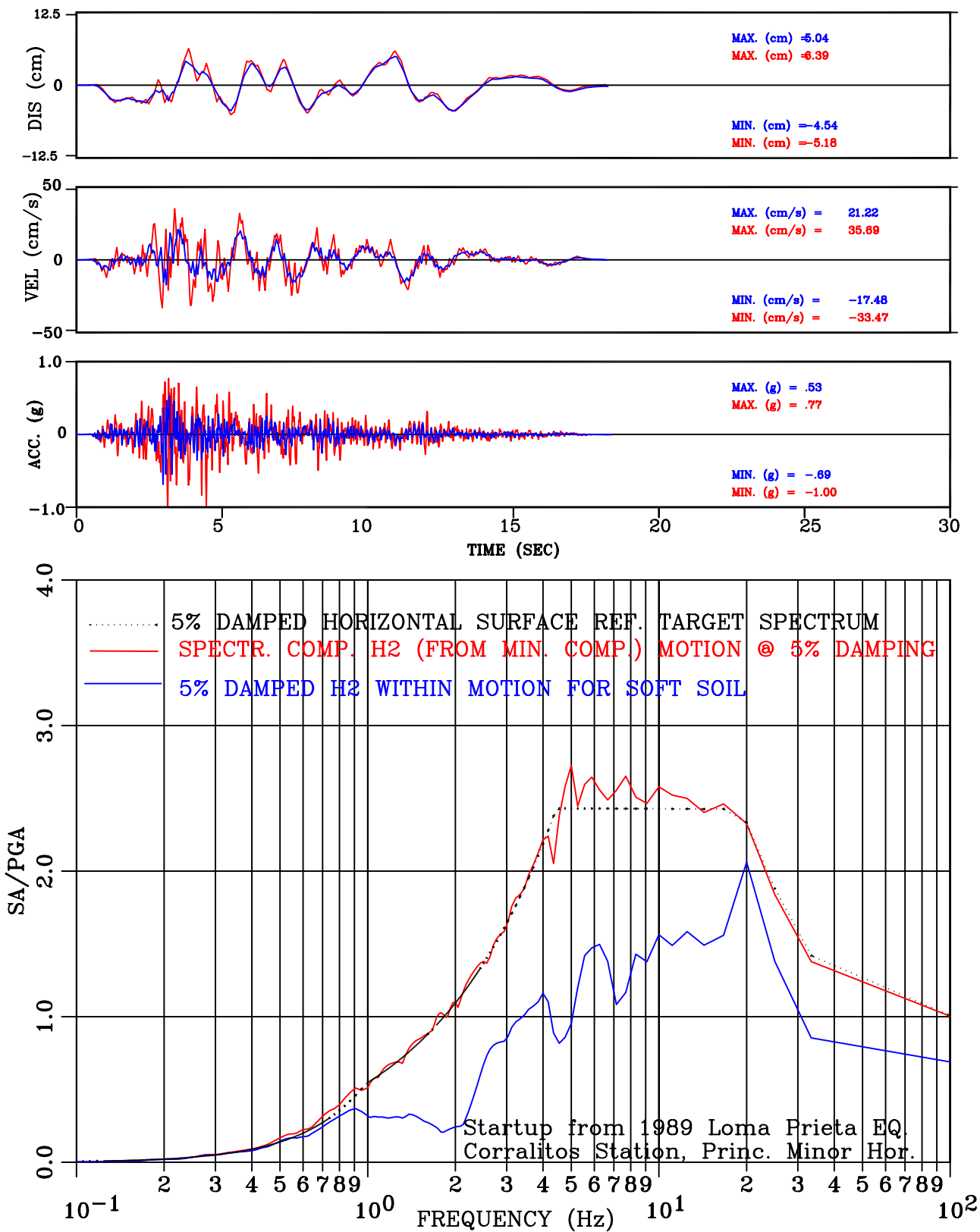


Figure III-164: Within vs. Surface Motion for Soft Soil
 Set-4 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

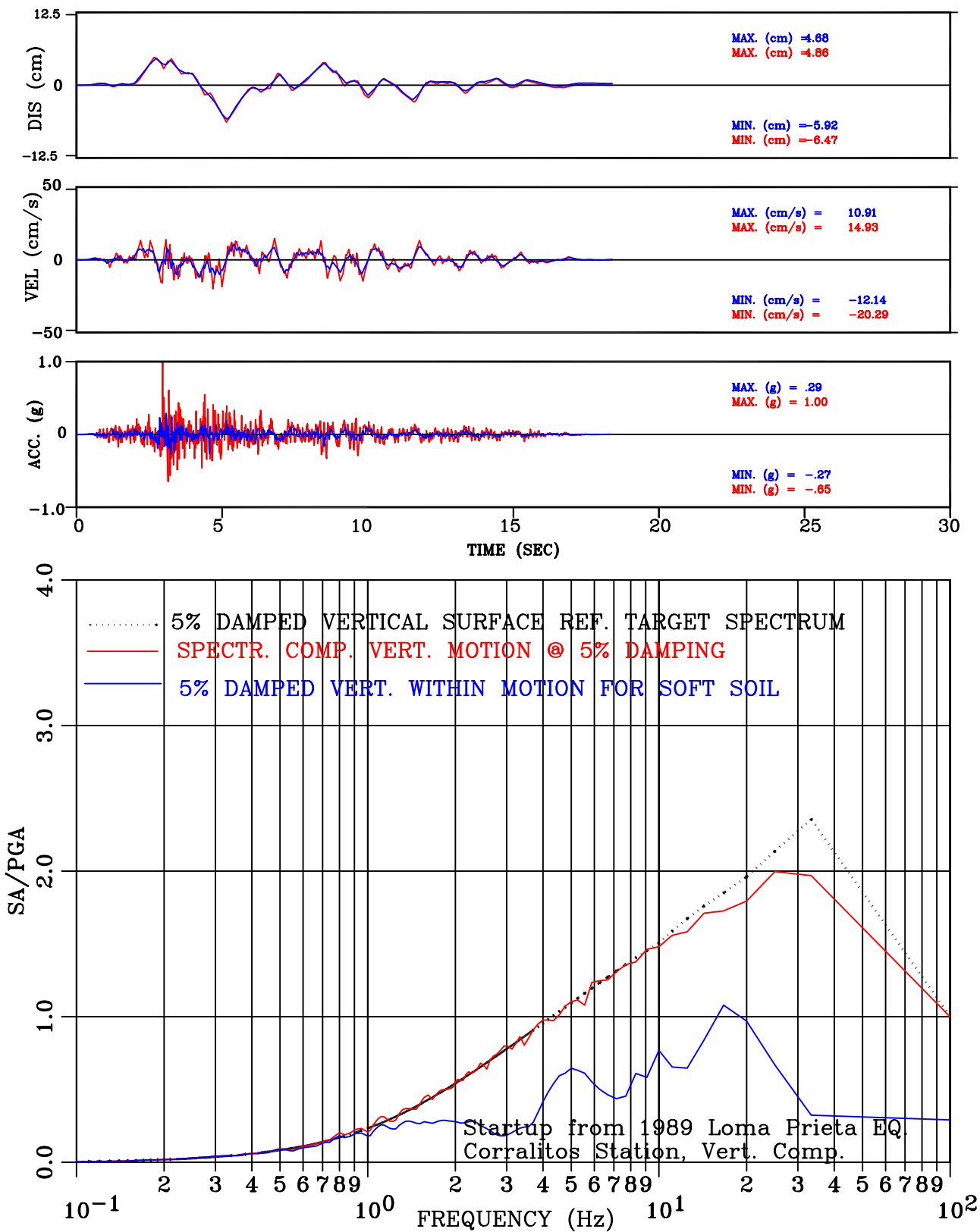


Figure III-165: Within vs. Surface Motion for Soft Soil
Set-4 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

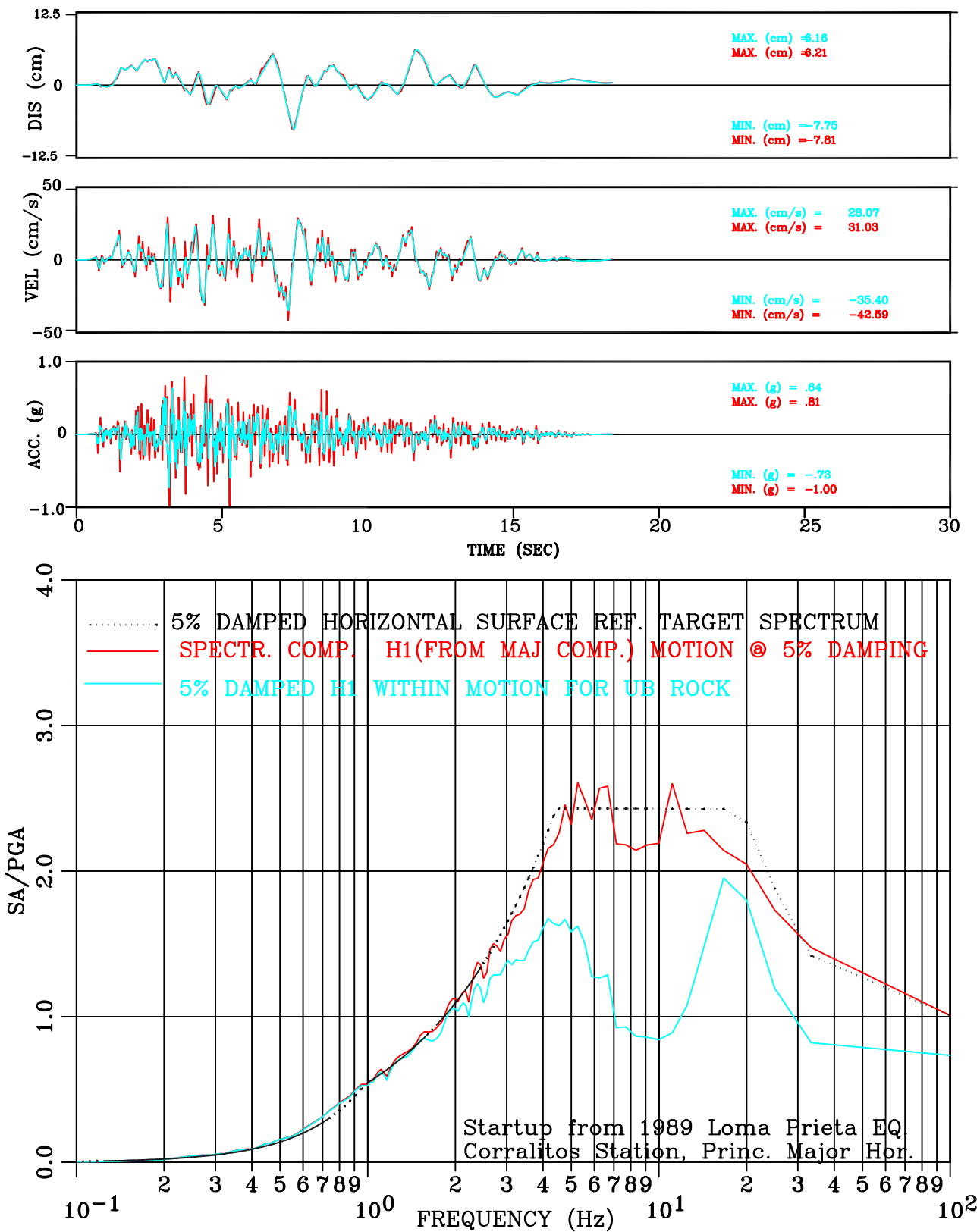


Figure III-166: Within vs. Surface Motion for UB Rock
 Set-4 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

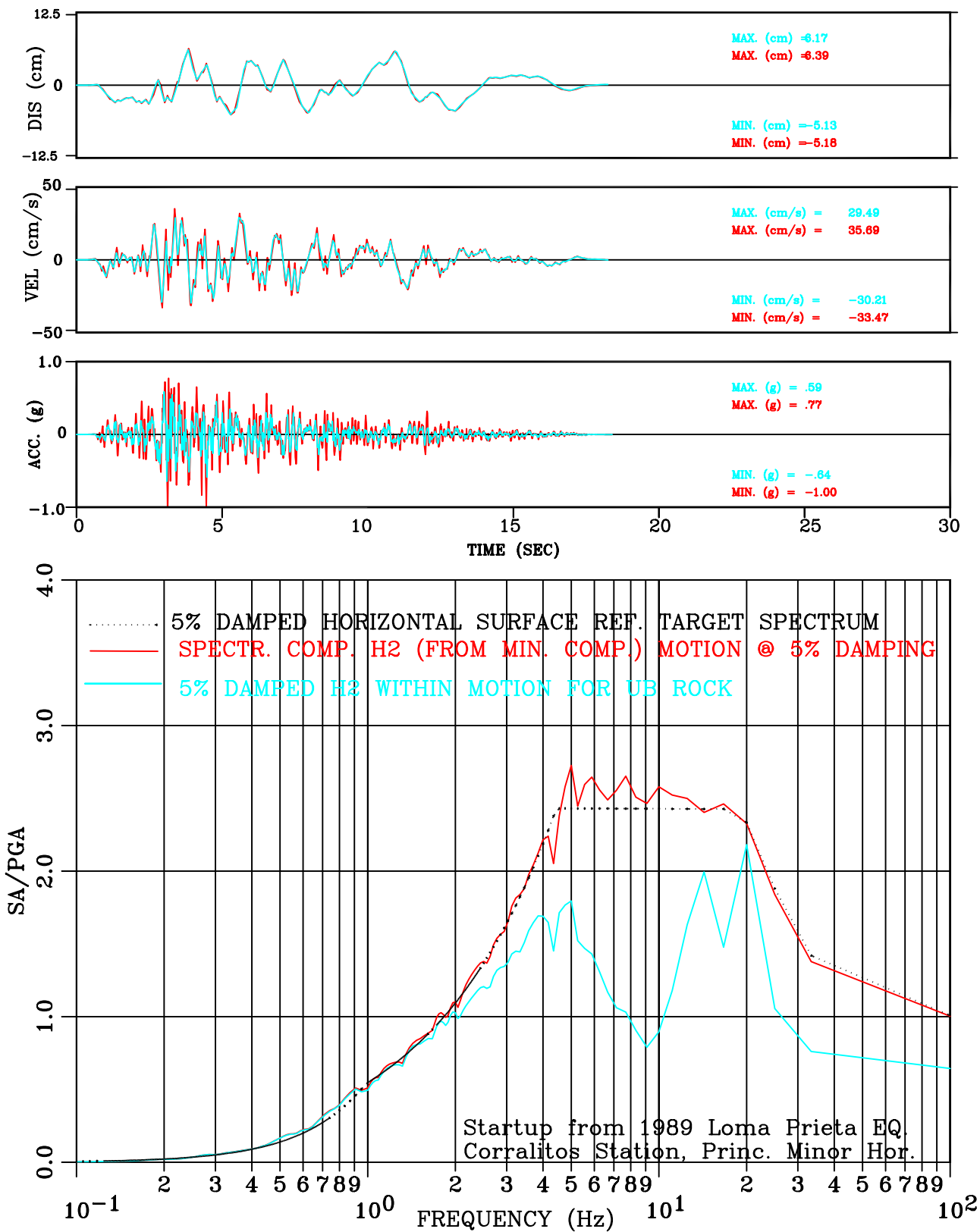


Figure III-167: Within vs. Surface Motion for UB Rock
 Set-4 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

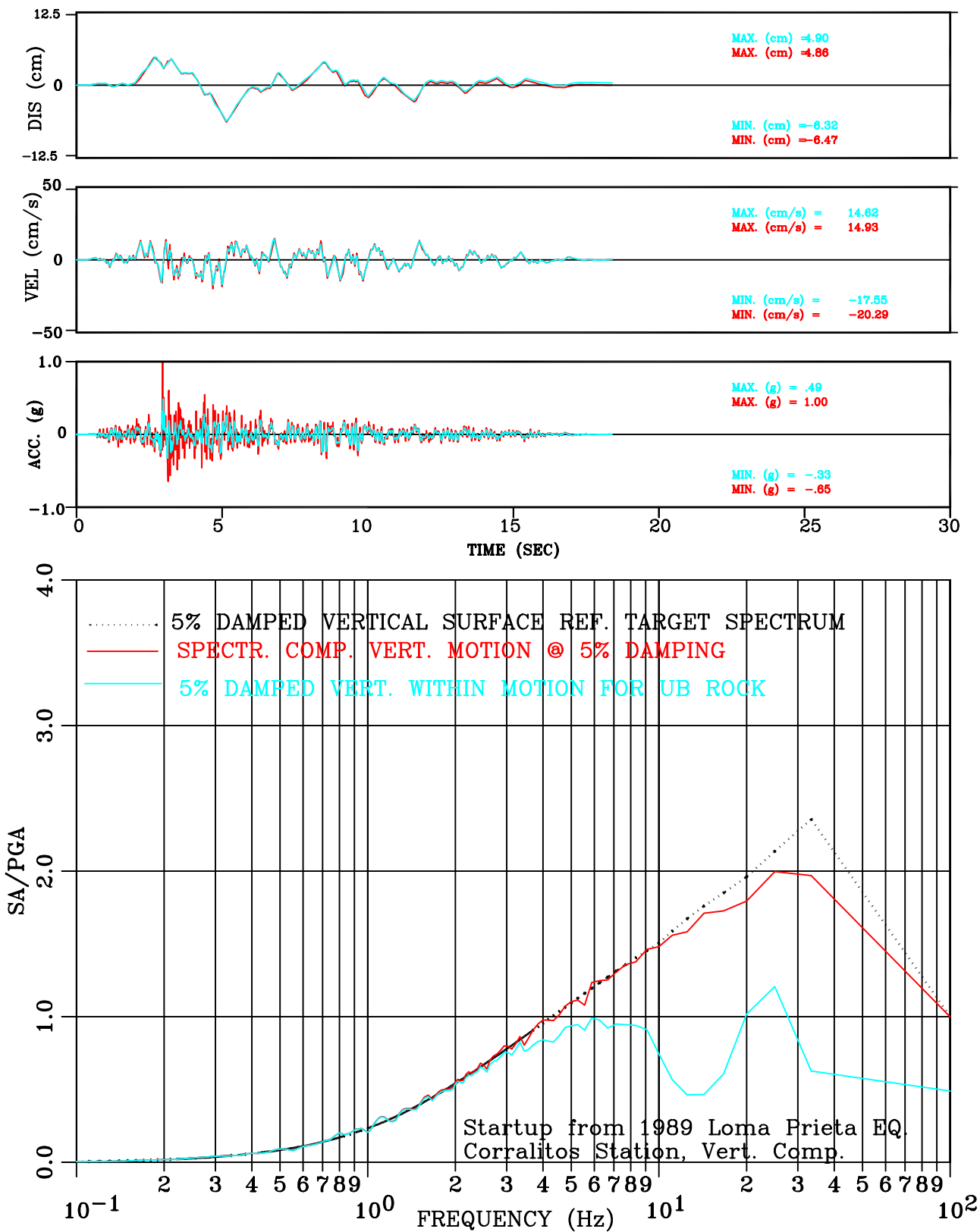


Figure III-168: Within vs. Surface Motion for UB Rock Set-4 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

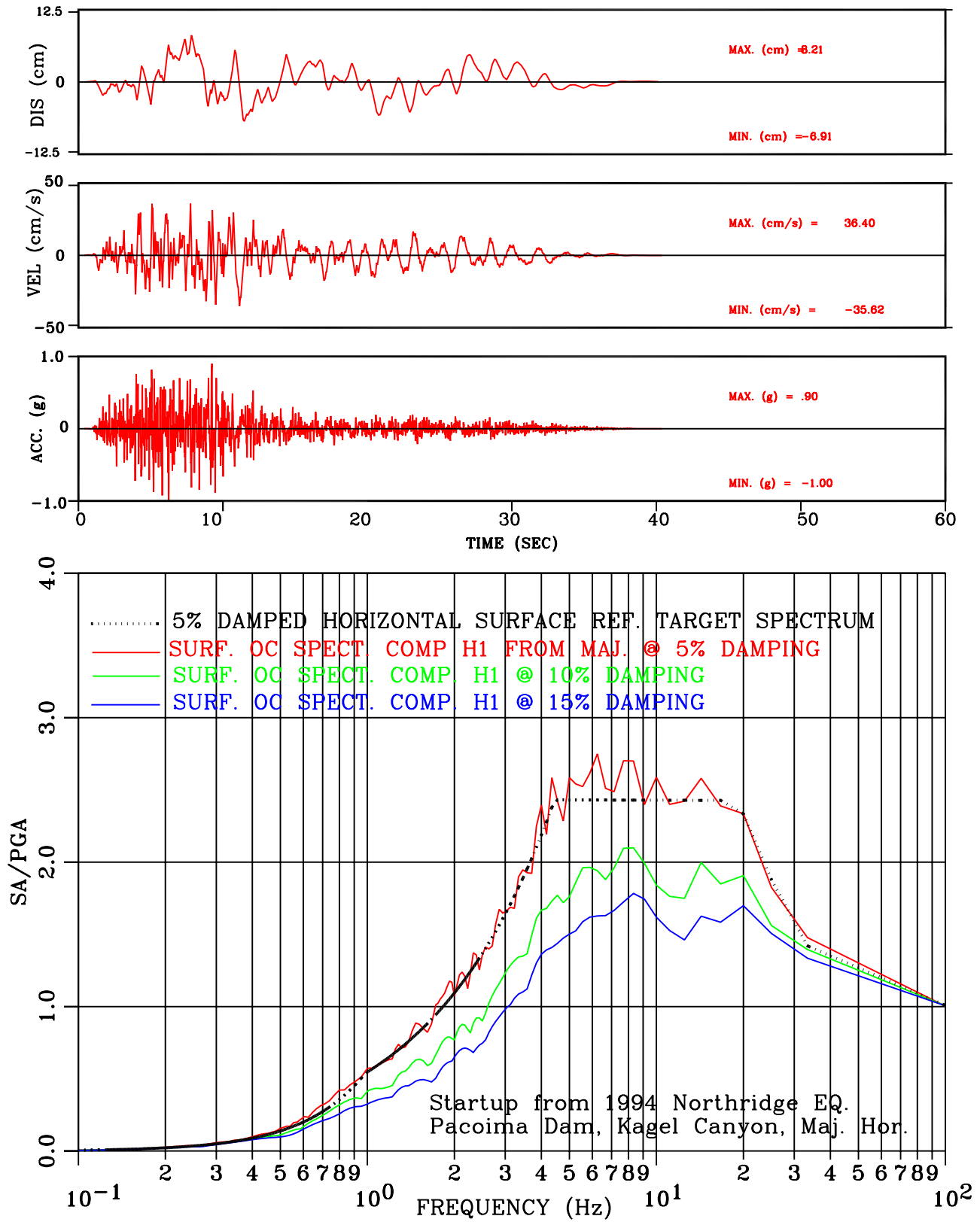


Figure III-169: Set-5 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

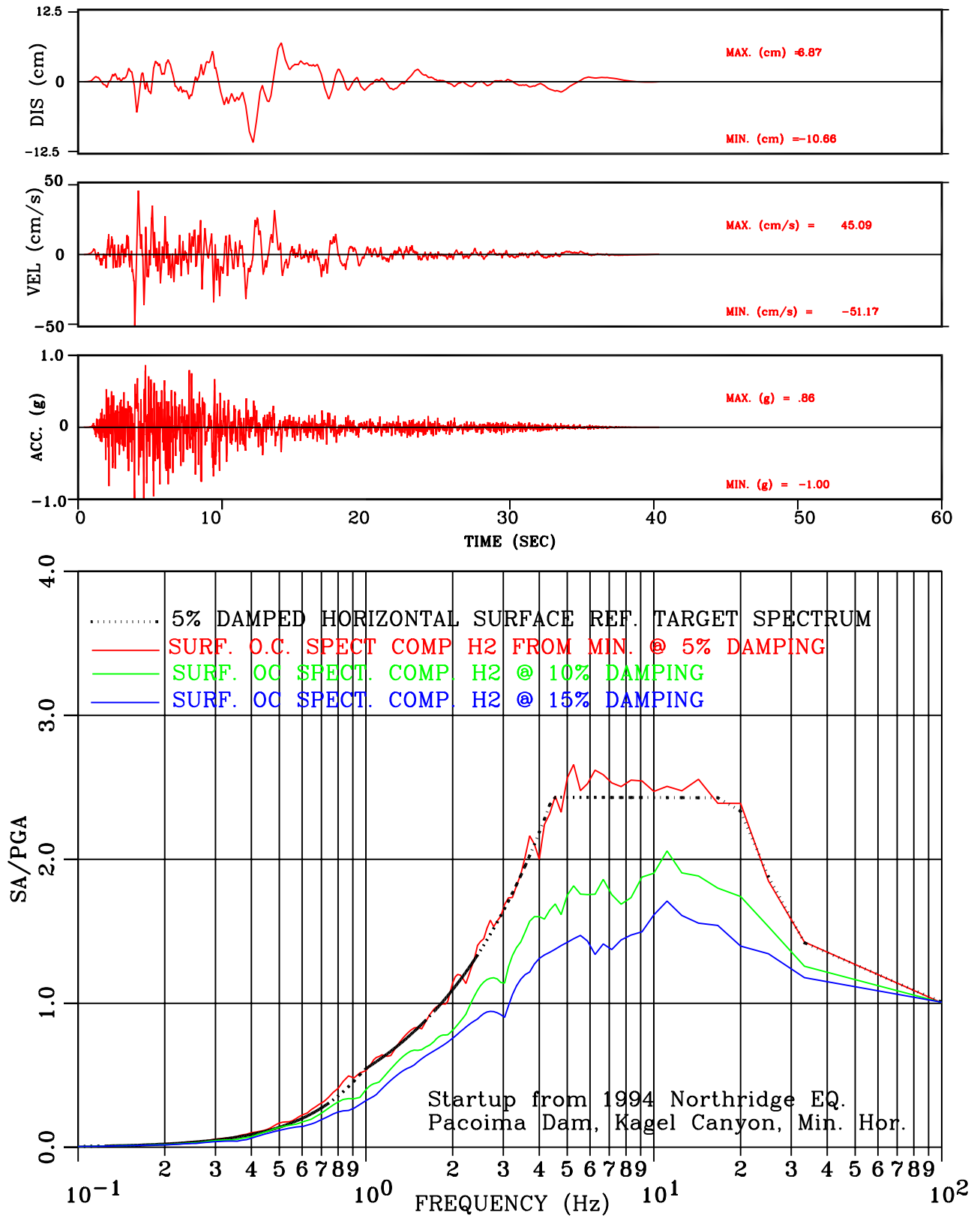


Figure III-170: Set-5 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

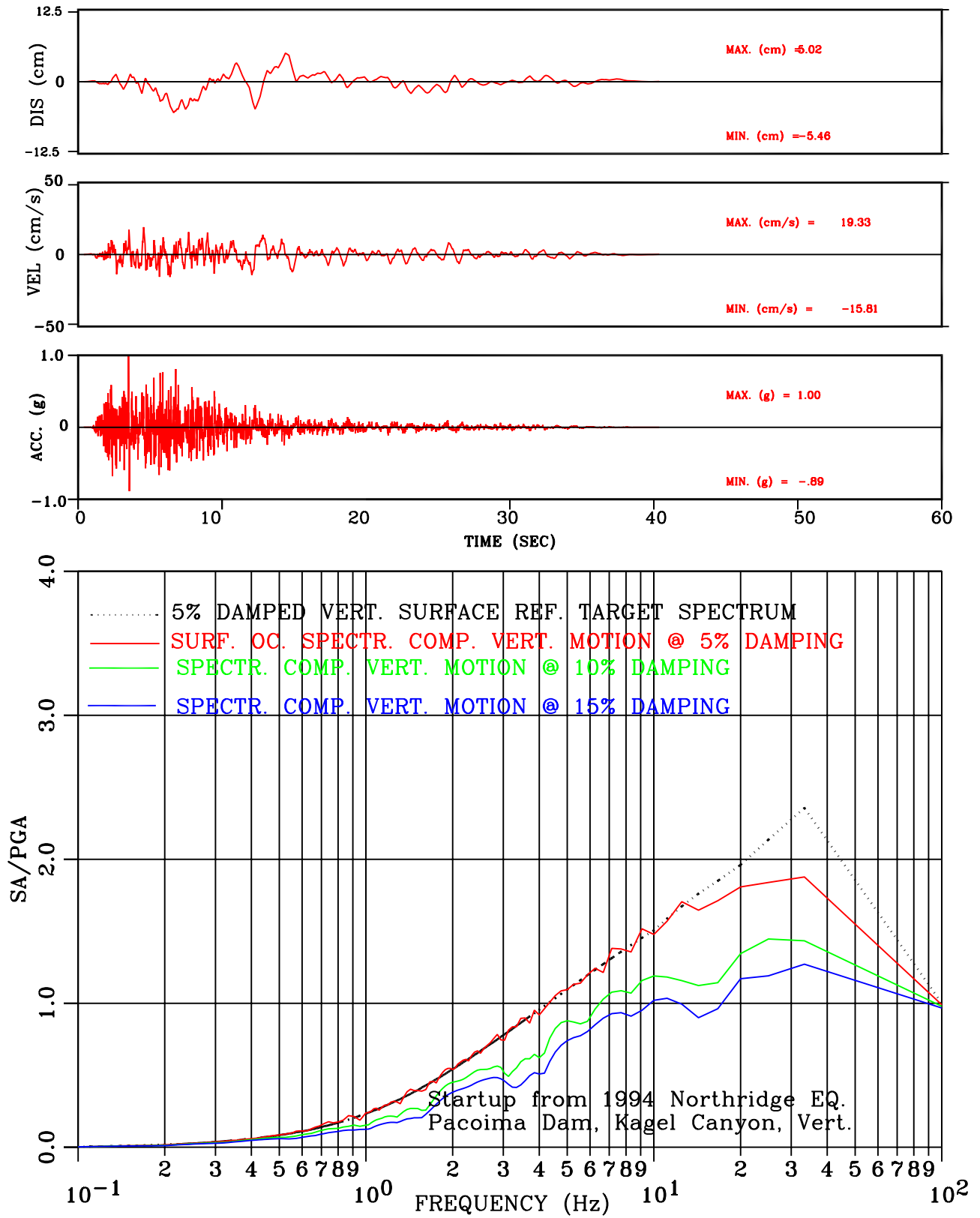


Figure III-171: Set-5 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

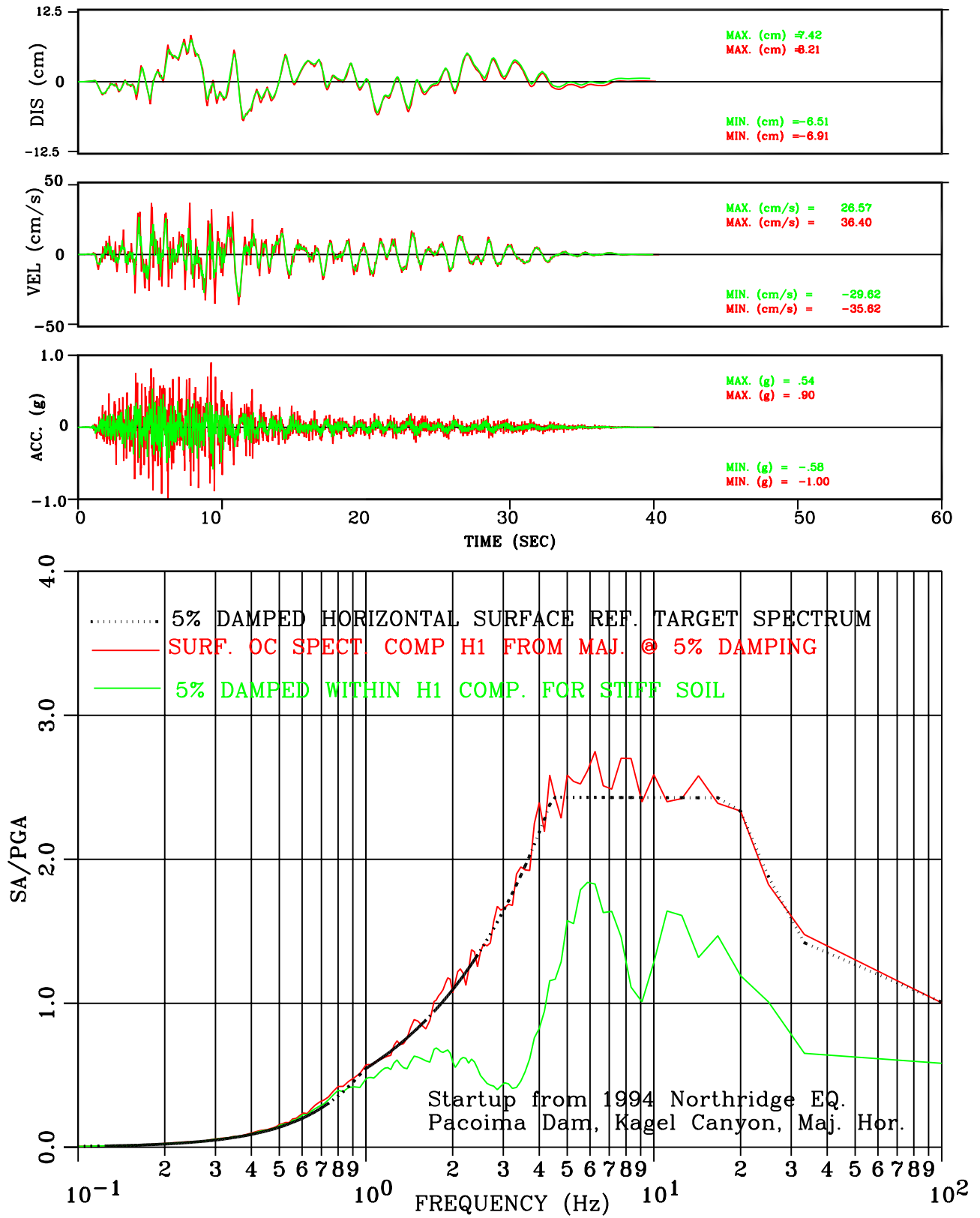


Figure III-172: With vs. Surface Motion for Stiff Soil
 Set-5 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

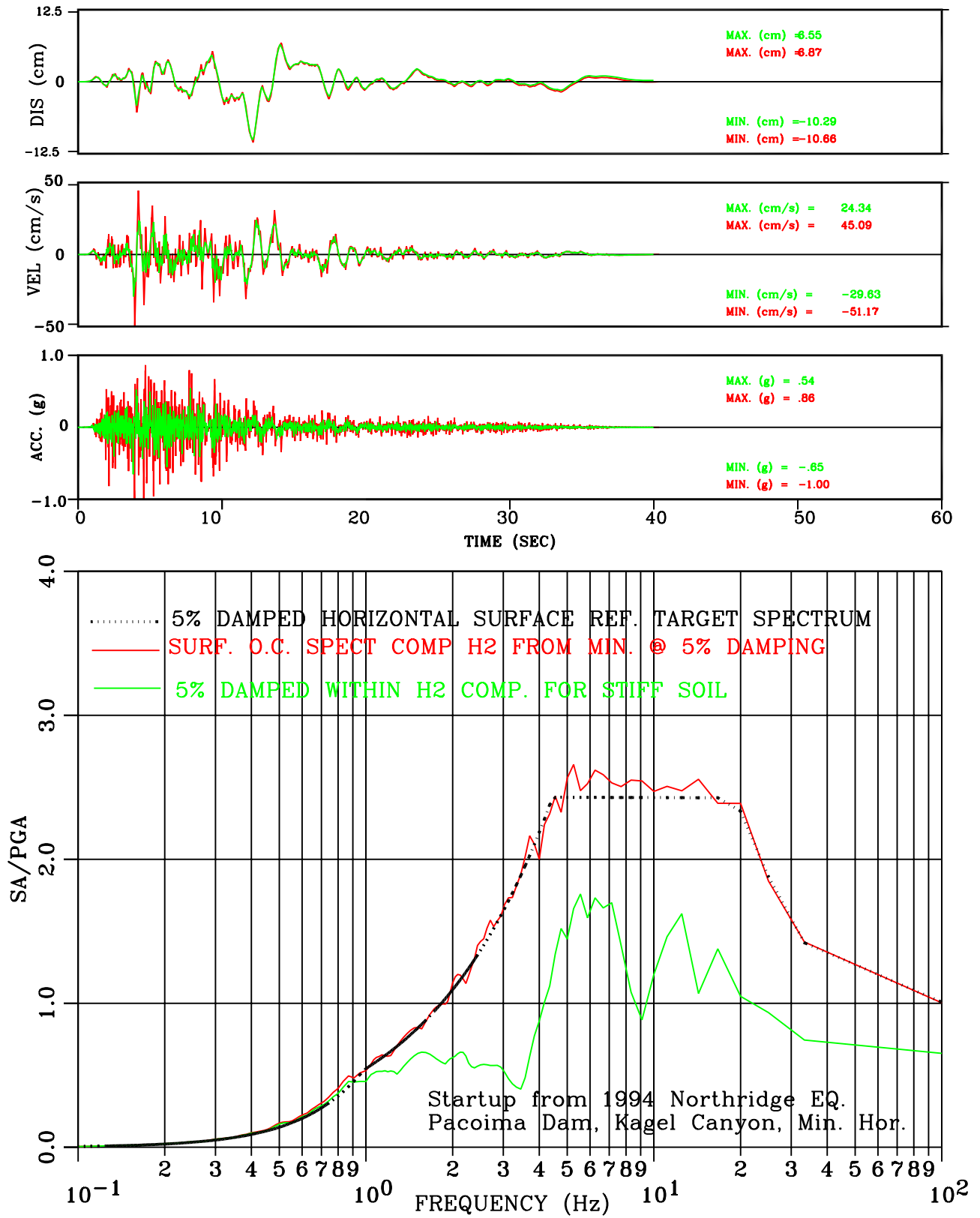


Figure III-173: With vs. Surface Motion for Stiff Soil
 Set-5 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

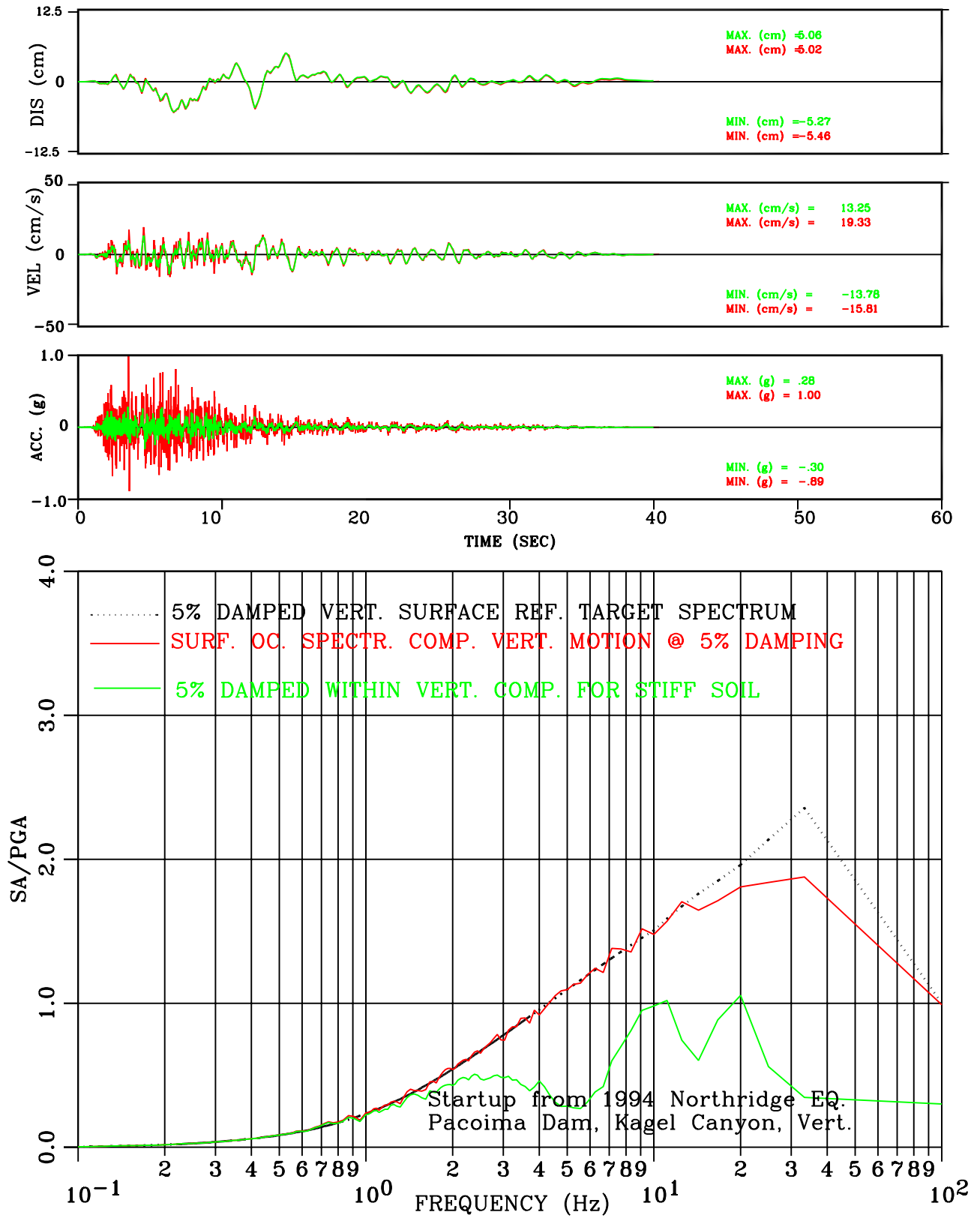


Figure III-174: With vs. Surface Motion for Stiff Soil
Set-5 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

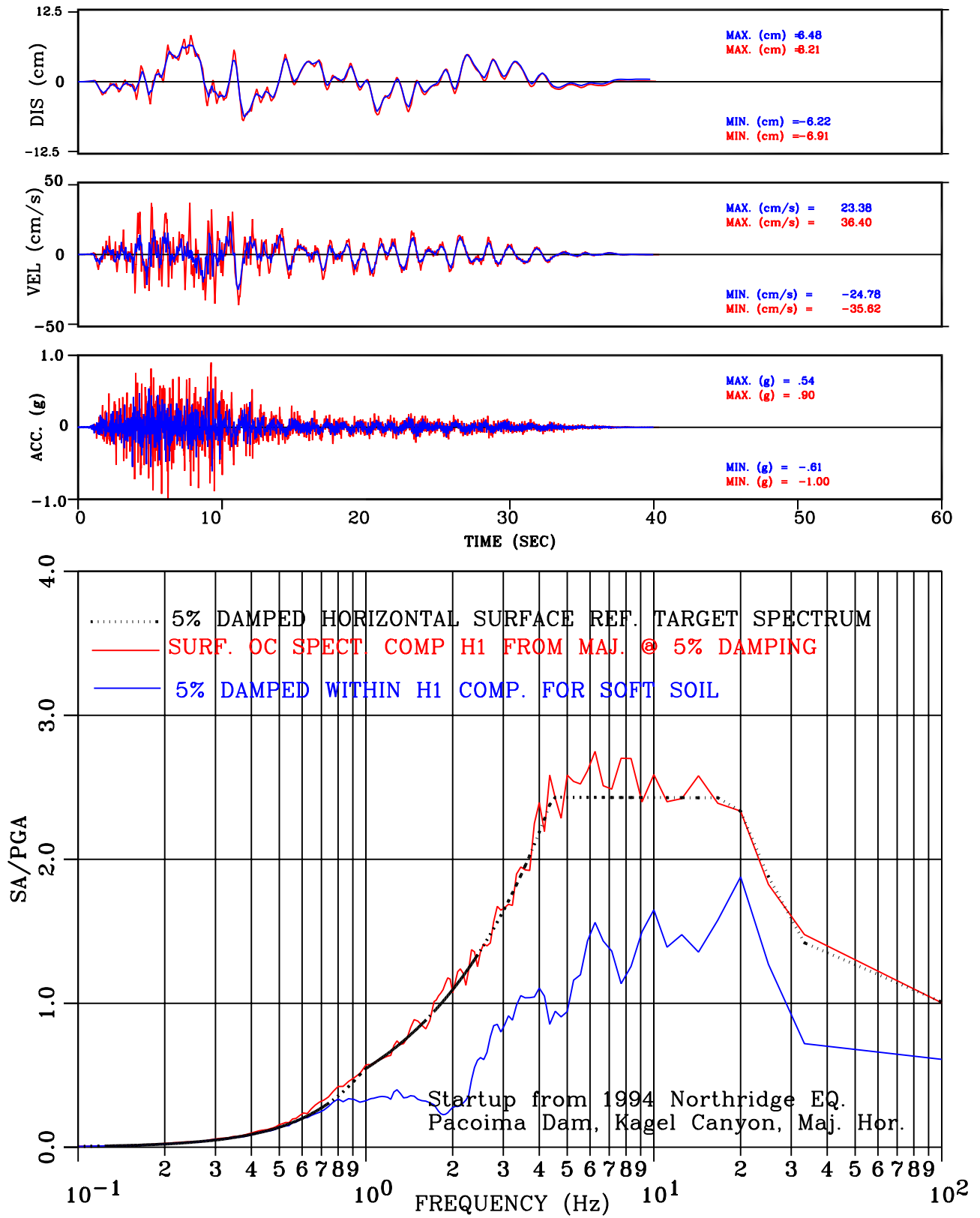


Figure III-175: With vs. Surface Motion for Soft Soil
Set-5 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

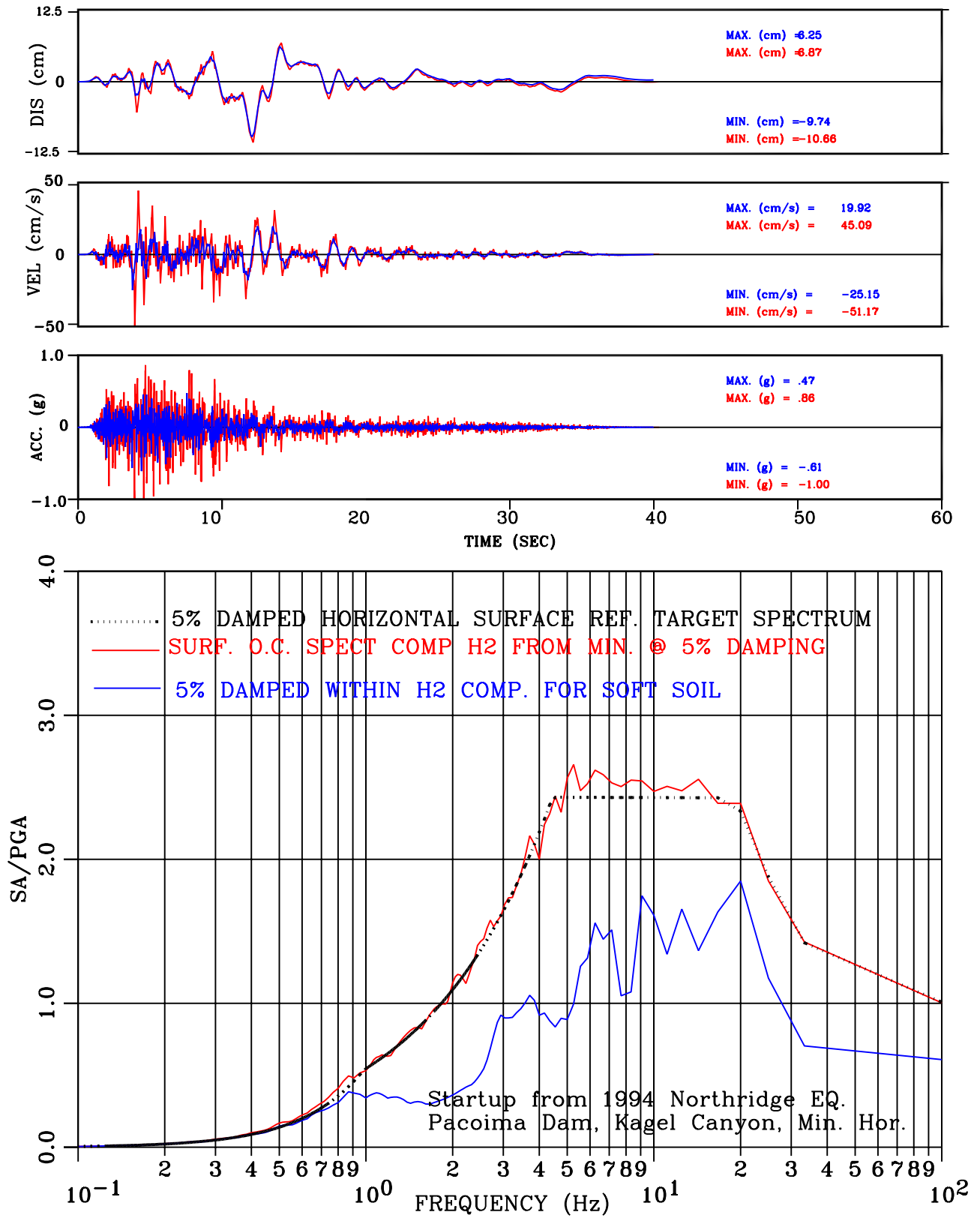


Figure III-176: With vs. Surface Motion for Soft Soil
Set-5 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

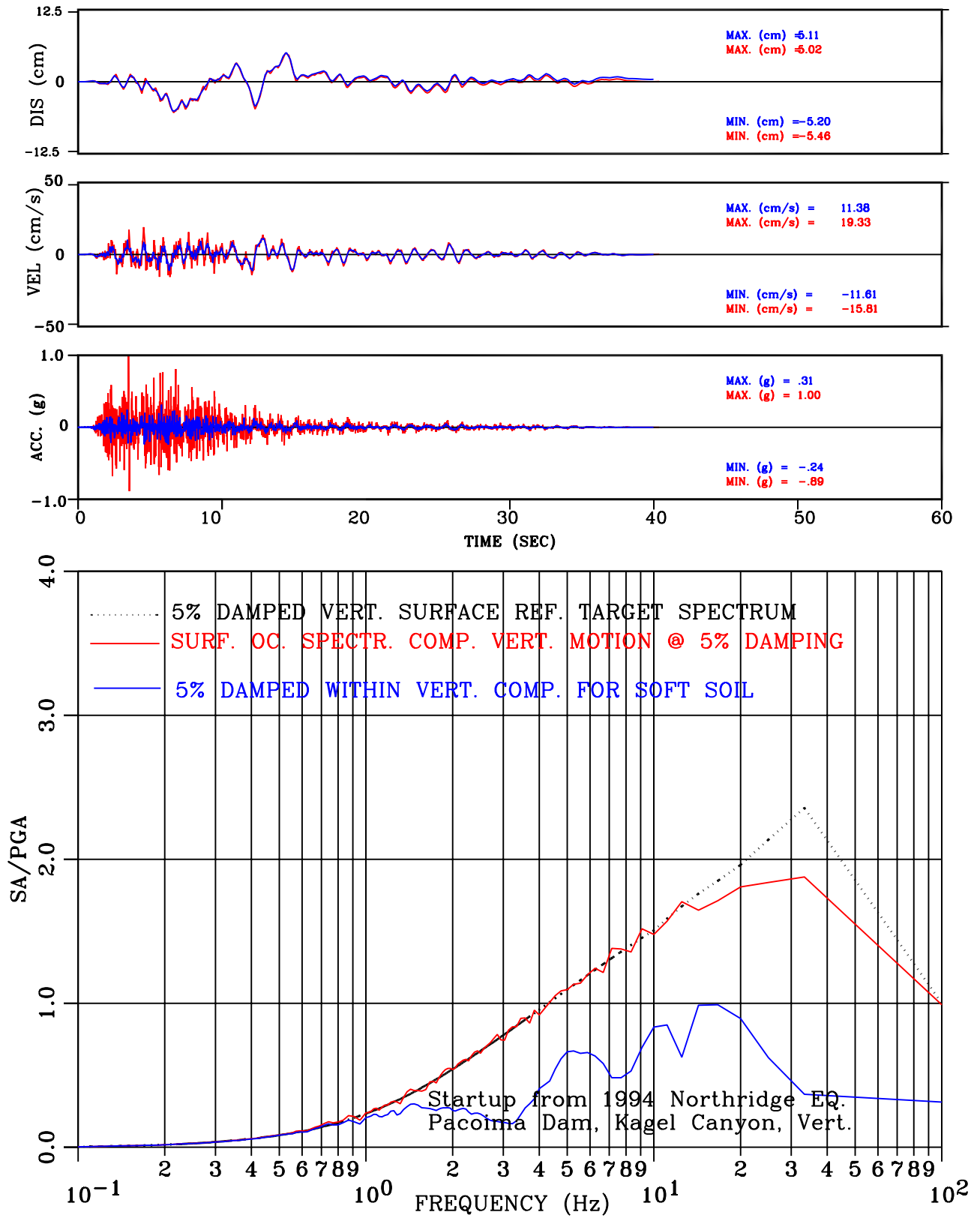


Figure III-177: With vs. Surface Motion for Soft Soil
Set-5 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

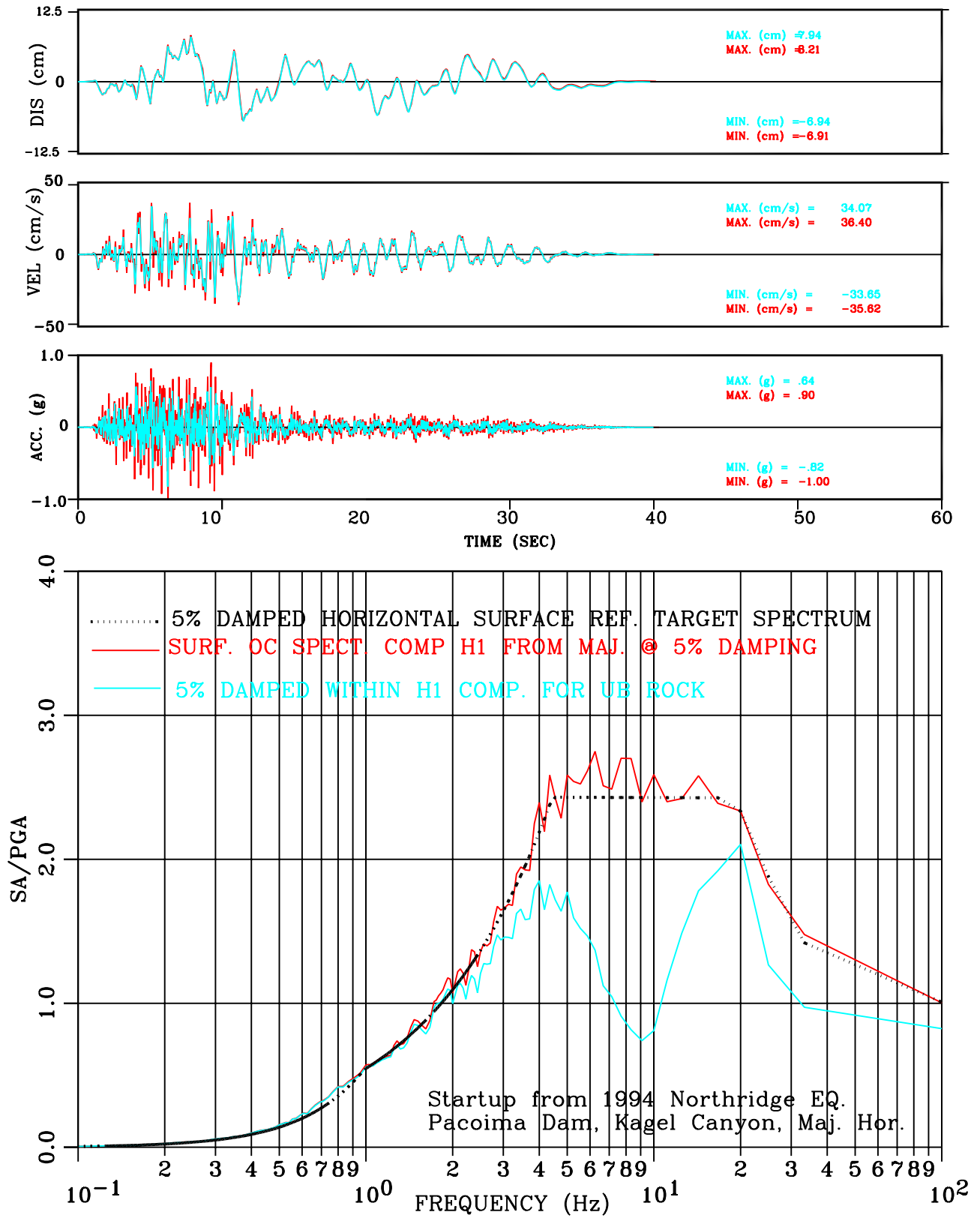


Figure III-178: With vs. Surface Motion for UB Rock
Set-5 H1 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

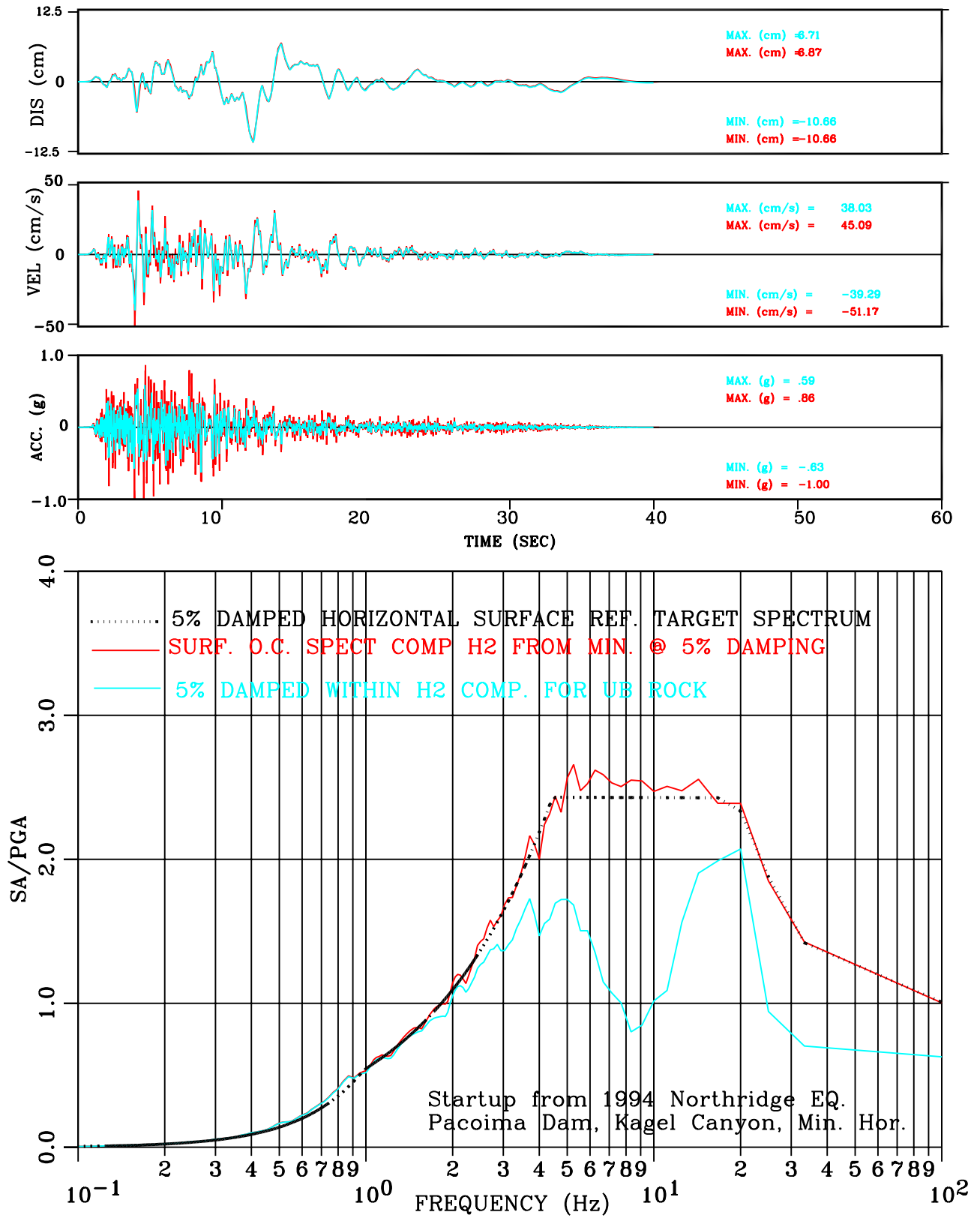


Figure III-179: With vs. Surface Motion for UB Rock
 Set-5 H2 Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

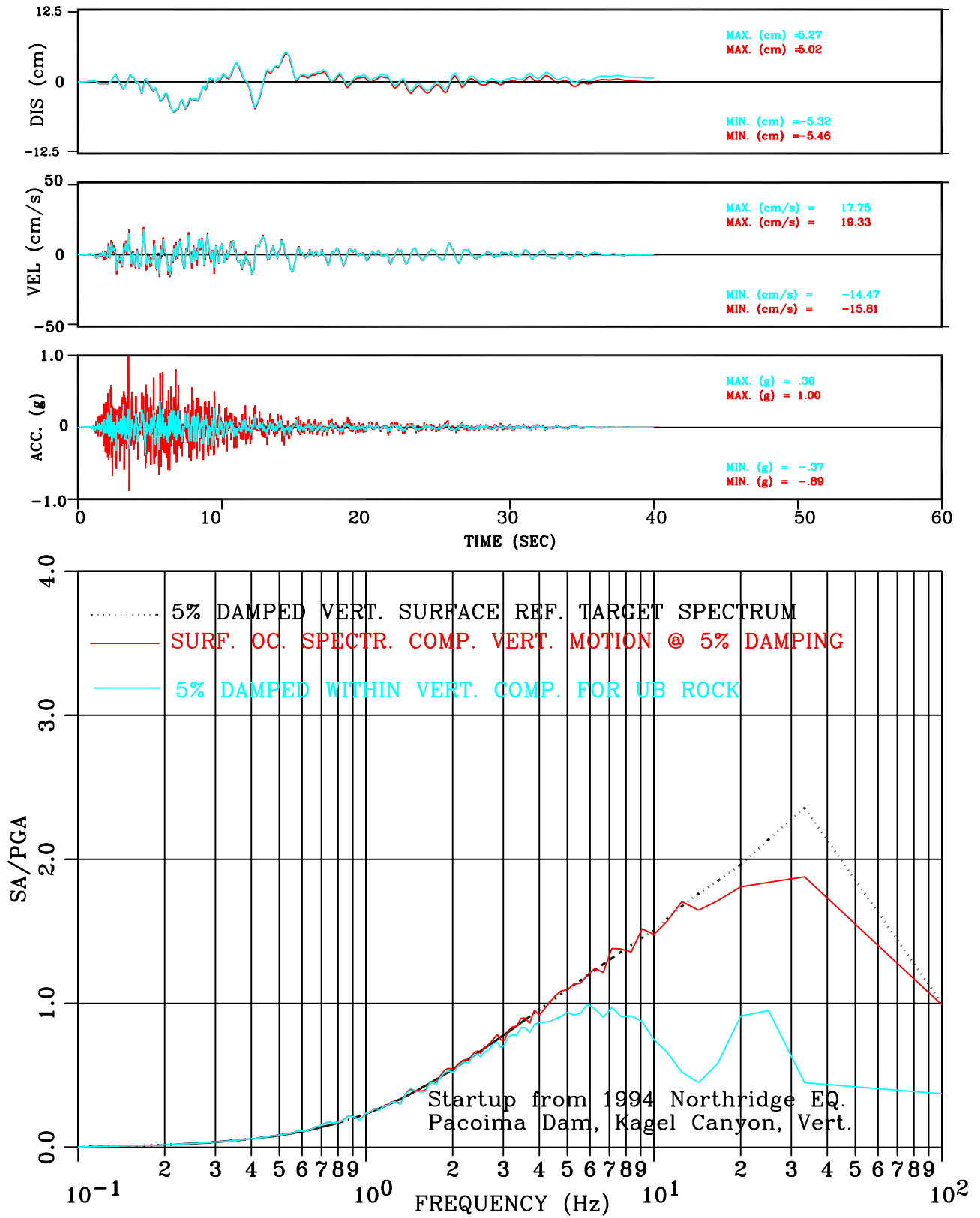


Figure III-180: With vs. Surface Motion for UB Rock
Set-5 Vert. Comp. Motion Conforming to NUREG/CR-6728 Spectral Shape

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