The Earthquake Spectrum

RMS Acceleration in Octave Bandwidth (ms\(^{-2}\))

Frequency (Hz)

PALK (1500 km)
COCO (1700 km)

2 G peak to peak
180 dB

After Clinton & Heaton (Seis. Res. Let. 73,3, 2002)

To convert: power spectral units (m\(^2\)s\(^{-3}\)) = (rms octave amplitude)\(^2\) / (2f)