

## PROCEDURE 2C: Page 8 of 14, Before You Begin Vibration Testing

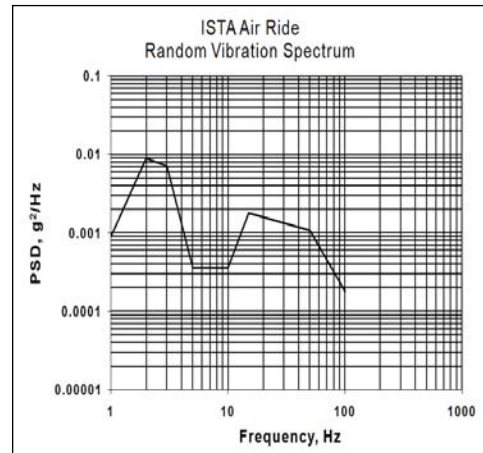
For LEVEL THREE Air-Ride Truck Random Vibration:

**NOTE:**

This Level assumes your carrier uses Air-Ride trucks, if this is incorrect use the Level Two Random Vibration.

The following breakpoints shall be programmed into the vibration controller to produce the acceleration versus frequency profile (spectrum) below with an overall  $G_{rms}$  level of 0.304. The theoretical stroke required to run this vibration profile is 46.48 mm (1.83 in) peak to peak.

Frequency (Hz)	PSD Level, $g^2/Hz$
1.0	0.0009
2.0	0.009
3.0	0.0072
5.0	0.00036
10.0	0.00036
15.0	0.0018
50.0	0.00108
100.0	0.00018



## PROCEDURE 3H: Page 7 of 19, Before You Begin Vibration Testing

For Air-Ride Truck Random Vibration:

The following breakpoints shall be programmed into the vibration controller to produce the acceleration versus frequency profile (spectrum) below with an overall  $G_{rms}$  level of 0.304. The theoretical stroke required to run this vibration profile is 46.48 mm (1.83 in) peak to peak.

Frequency (Hz)	PSD Level, $g^2/Hz$
1.0	0.0009
2.0	0.009
3.0	0.0072
5.0	0.00036
10.0	0.00036
15.0	0.0018
50.0	0.00108
100.0	0.00018

