Non linear vibration coupling is not at the PSL table or input mode cleaner tube

PSL table shaker

Jitter coupling only. The sweep line in strain is only as wide as the sweep line in the accelerometers because it couples only linearly.

Spectrogram: H1:GDS-CALIB_STRAIN

Global acoustic

The sweep line in strain is widened, relative to the line in the accelerometers, by non-linear coupling.

Spectrogram: H1:GDS-CALIB_STRAIN

Input MC tube shaker

Much weaker coupling indicates that the coupling site is not the MC tube.

Spectrogram: H1:GDS-CALIB_STRAIN

Strain





