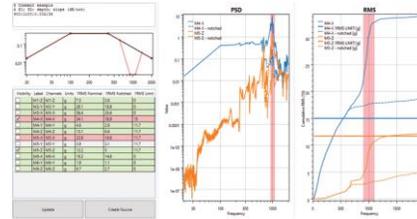




TECHNOLOGY DESCRIPTION

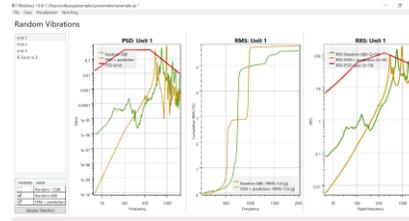
SpaceVibe is a space industry tool to assess sine and random vibration analysis and test data. Made specifically for the space sector, common standards are considered (ECSS-E-HB-32-26, NASA-HDBK-7004).

This tool is a Swiss Army knife for everything that concerns vibration testing and test prediction of the space payload: visualise, interpolate, scale and notch sine and random vibration responses. It also allows for comparing vibration responses against the allowable levels (QSL, sine, PSD and RRS) as well as sensor orientation checks.



INNOVATIVE ASPECTS

- Quick notch definition for sine and random vibrations
- Sensor orientation check
- Minimalistic, user friendly and fast interface
- Super fast (parsing hundreds of channels in seconds)



TECHNOLOGY READINESS (in space application)

TRL 9 (2024)

COUNTRY OF ORIGIN

Germany

LATEST UPDATE

06/2024

TAGS #tool #vibration #analysis #testing #visualisation #sine & random

APPLICATION AREAS

Aviation Construction & Civil Engineering Energy Mechanical Engineering Safety & Security Space technologies Transport & Logistics

SPACE FOR BUSINESS BUSINESS FOR SPACE

TECH CARD

