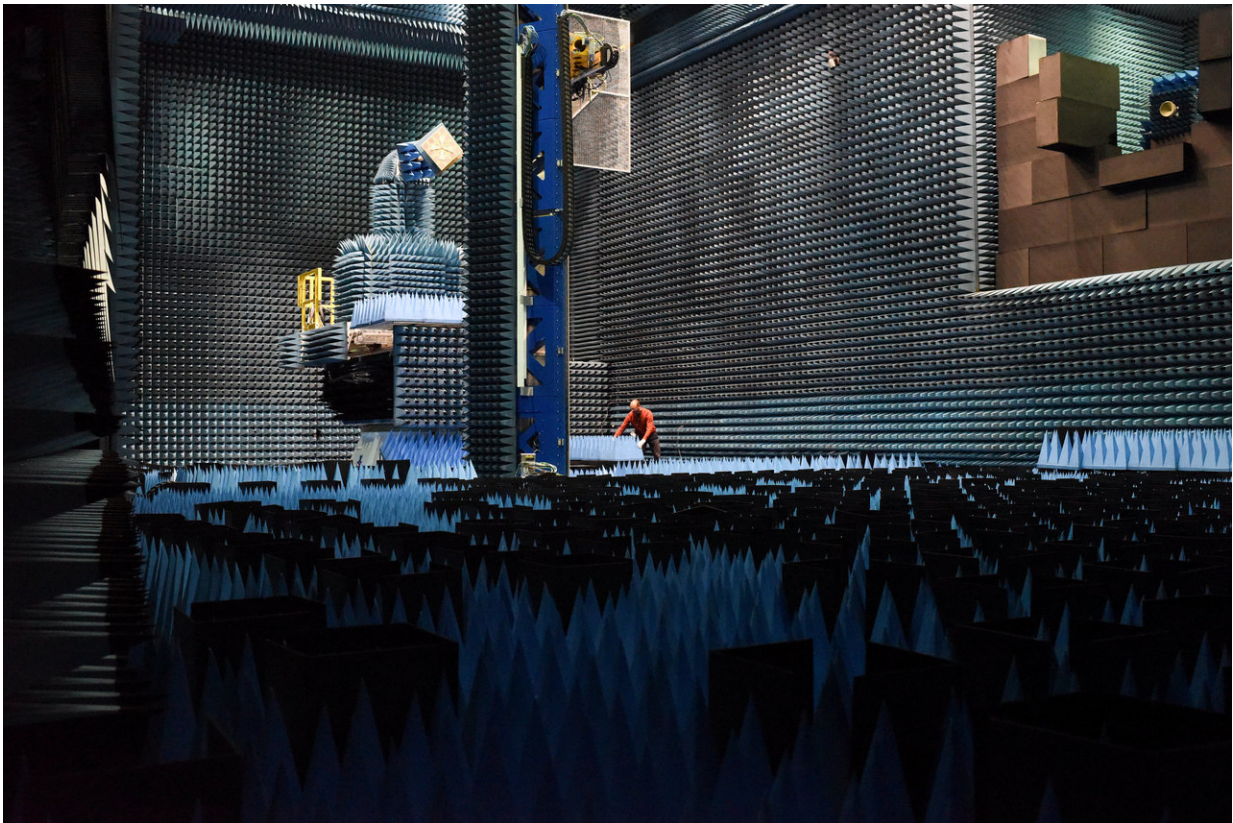


Image: Hertz chamber for radio-frequency testing

October 4 2017



Credit: Monica Alcazar-Duarte

A view inside ESA's cavernous Hertz chamber for radio-frequency testing of satellites, which will be on show to the public during this Sunday's ESA Open Day in the Netherlands.

Isolated from the outside world with radio- and sound-absorbing internal walls, the chamber simulates the boundless conditions of space.

Its hybrid nature makes it unique: Hertz can assess [radio signals](#) from antennas either on a local 'near-field' basis or as if the signal has crossed thousands of kilometres of space, allowing it to serve all kinds of satellites and antenna systems.

This photo was taken during a visit to ESA's technical centre in Noordwijk, the Netherlands by artist and photographer Monica Alcazar-Duarte: "Once the door of the chamber was opened I was presented with a landscape that could have come from a [science fiction film](#). I know this is not the case of course but the room was incredibly inspiring."

Provided by European Space Agency

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