

Konnect satellite completes vibration tests

September 6 2019



Credit: Thales Alenia Space

The first Spacebus Neo satellite—Konnnect, a high-throughput satellite ordered by Eutelsat—has successfully completed its mechanical test campaign in Thales Alenia Space facilities in Cannes.

The test demonstrates the ability of the satellite to withstand the strong shaking that occurs during launch.

The project partners—ESA, Thales Alenia Space, CNES and Eutelsat—were very pleased by the performance achieved.

"Despite exposure to the most extreme mechanical loads, the first Spacebus Neo has performed fantastically—as have the teams in Cannes who have performed this critical test campaign in record time," said François Balme, ESA system manager.

Whilst the satellite will continue to be prepared for delivery to the launch site, the data from this [test](#) campaign will be used to validate the [product line](#) in readiness for a qualification review to be held later this year.

Now that the environmental tests are over, the satellite will undergo a thorough verification before it is finally prepared for launch.

ESA Partnership Projects allow European industry to maintain and continue developing their competitiveness on the worldwide commercial market and enable greater risk sharing, where ESA bears the risks related to the development of innovative solutions and the partner

assumes the commercial risks to respond to market needs.

The Neosat program comprises both Spacebus Neo by Thales Alenia Space and Eurostar Neo by Airbus. It includes development up to in-orbit validation of the new [satellite](#) product lines for both companies, allowing European industry to deliver competitive satellites for the global commercial [market](#).

Provided by European Space Agency

Citation: Konnect satellite completes vibration tests (2019, September 6) retrieved 20 June 2024 from <https://phys.org/news/2019-09-konnect-satellite-vibration.html>

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