



A PIECE OF SWISS TECHNOLOGY GOES TO THE INTERNATIONAL SPACE STATION

greenTEG AG

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greenTEG is a Swiss company collaborating with engineers all over the world providing the best heat flux sensor for their experiments. Up to now, hundreds of labs all over the world are using a sensor from the company. Recently, greenTEG supplied a space mission with sensing solutions for the first time. A tiny piece of Swiss technology helping to advance space exploration!

Several weeks ago, the [Japanese Aerospace Exploration Agency launched the H-2BF9 rocket](#), carrying an automated cargo transfer vehicle, the HTV9. It supplies the International Space Station with 6.2 metric tons of cargo, supplies and experiments.

The [HTV9 successfully arrived at the ISS](#) on May 25, 2020. During the automatic docking of the cargo ship, the WLAN Demo experiment was performed. It aimed to transmit the video of the monitor camera during HTV docking via WiFi to acquire the automatic docking technology of the next generation of HTV-X (the next generation of cargo ships built by the Japanese Space Agency). Besides, it aims to contribute to the development of HTV-X by mounting a heat flux sensor built at greenTEG and measuring the thermal influence from the HTV propulsion system.

greenTEG's sensors were chosen for this experiment because they combine top sensitivity of energy transfer with robustness. They can withstand space-like conditions, as shown during this space mission.

We would like to congratulate all those involved in this space mission for this huge success. We hope that this successful launch and arrival to the ISS will be followed by many more in the following years. At greenTEG, we will gladly continue to support space exploration with our sensing solutions, as well as hundreds of other research project all over the world.

greenTEG is a spin-off from the ETH in Zurich. Founded 11 years ago, it excels in the production and development of heat flux sensors for R&D and OEM purposes, as well as wearables for workforce protection, with clients all over the world. Its excellence has been recognized by several innovation prizes and project awards during the last years, including Innosuisse, Venture Lab, and Climate KIC.

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