May 20, 2024

To whom it may concern,

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Attendance at the Ceremony Commemorating the Start of Operation of NanoTerasu

(hereinafter referred to as "Tamagawa Electronics CO.,LTD."), a subsidiary of our company, has designed and manufactured "Low Power RF Circuit and Beam Monitor Circuit System for Linear Accelerator" and successfully delivered it to "NanoTerasu," a next-generation synchrotron radiation facility to be constructed in the Aobayama campus of Tohoku University at the end of March 2023, without delay. The system was successfully delivered to "NanoTerasu", a next-generation synchrotron radiation facility constructed in the Aobayama Campus of Tohoku University, at the end of March 2023 without any delay.

On May 18, 2024, a ceremony was held to commemorate the start of NanoTerasu operation, hosted by the National Institute of Quantum Science and Technology, the Japan Photon Science Innovation Center, and the Japan Synchrotron Radiation Research Institute, to mark the start of NanoTerasu operation in April 2024, We are pleased to report that we attended the ceremony as a supplier of system equipment.

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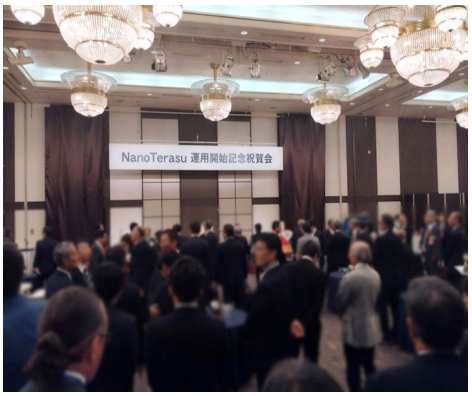
1. Outline

Tamagawa Electronics received exceptional recognition as the company that produced and delivered the "low-power RF circuit and beam monitor circuit system for the linear accelerator of the next-generation synchrotron radiation facility. We were invited to attend the ceremony to commemorate the start of NanoTerasu operation. The ceremony was a great success.



This facility has a light source performance 100 times brighter than Japan's existing synchrotron radiation facilities for soft X-rays (1 billion times brighter than the sun) and is a gigantic microscope capable of visualizing the functions of materials at the nano-level in minute areas. The facility is expected to be utilized in various fields such as drug discovery, medical technology, energy conservation, environmental preservation, and food safety, etc. In the future, we will promote joint research between industry and academia through the operation of the facility to bring about innovative innovation.
It is expected that the new system will be able to rub off the old one.

The "Low Power RF Circuit and Beam Monitor Circuit System for Linear Accelerators" manufactured by our company is a control system for stably accelerating electrons emitted from an electron gun in a linear accelerator at a synchrotron radiation facility to nearly the speed of light in a RF electric field.

For more information, please visit the following websites
NanoTerasu Center, National Institute of Quantum Science and Technology
https://www.qst.go.jp/site/3gev/
NanoTerasu portal site https://www.nanoterasu.jp/

We will continue to contribute to the development of science and technology in Japan by utilizing the technology we have cultivated over the years.

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