



JASDAQ

July 18, 2017

Company name: Tamagawa Holdings Co., Ltd.
Representative: Toru Masuzawa, President & CEO
(JASDAQ Code 6838)
Contact: Junya Tokumoto,
Corporate Planning Department
Telephone: +81-3-6435-6933

Tamagawa Holdings Announces the Selection of its Group Subsidiary in the Open Invitation of Applications for the Fiscal Year 2017 Commercialization Promotion Research by Local Incorporated Administrative Agency Kanagawa Institute of Industrial Science and Technology

Tamagawa Holdings are pleased to announce that Local Incorporated Administrative Agency Kanagawa Institute of Industrial Science and Technology in its open invitation of applications for the Commercialization Promotion Research recently selected the "Development of an optical transmission system suited for application to next-generation electromagnetic compatibility (EMC) testing" of Tamagawa Electronics Co., Ltd. ("Tamagawa Electronics"), a consolidated subsidiary of Tamagawa Holdings.

In its April - May 2017 open invitation of applications for the Fiscal Year 2017 Commercialization Promotion Research, Local Incorporated Administrative Agency Kanagawa Institute of Industrial Science and Technology has selected the "Development of an optical transmission system suited for application to next-generation electromagnetic compatibility (EMC) testing" of Tamagawa Electronics. This project relates to research for an improved RoF (Radio over Fiber) system suited for application to next-generation EMC testing using technology of Aoyama Gakuin University for the assessment of electromagnetic waves and technology for EMC testing of Local Incorporated Administrative Agency Kanagawa Institute of Industrial Science and Technology.

High-precision EMC measurement is seen to play an increasingly important part in safety assurance against the backdrop of the rapid progress in electric and electronic applications such as, in the automotive industry, connected-car technology, automated driving technology, and wireless electric power charging.

RoF systems use the special characteristics of optical fiber, namely, high insulation and large bandwidth with low losses, for achieving highly accurate EMC measurements, making RoF a valuable technology. Tamagawa Electronics has been working on creating EMC measurement methods and enhancing the performance of EMC measurement.

* EMC (Electro Magnetic Compatibility; Electro Magnetic Resistance) relates to preventing that electromagnetic waves emitted by an electronic device affect other electronic devices and resistance against malfunction induced by the electromagnetic waves from other electronic devices.