



June 7, 2021

To whom it may concern,

Company: Tamagawa Holdings, Co., Ltd.
Representative: President, Toru Masuzawa
(JASDAQ Code: 6838)
Contact: Management Planning Division, Ryota Tanaka
Tel: 03-6435-6933

Notice on Adoption of the Millimeter Wave Wireless Base Station, Terminal in 5G Advancement Research

Our subsidiary, Tamagawa Electronics, Co., Ltd. (hereafter “Tamagawa Electronics”) has been engaged in development, facility investment and order receipt enhancement of the millimeter wave products, for which demand is increasing in the wireless communication field including the 5th-generation mobile communication system (5G).

As such result, we are pleased to inform that the millimeter wave wireless base station and terminal hardware developed by us have been adopted as the major experimental devices by the company participating in the next generation wireless communication research and development project promoted by the government.

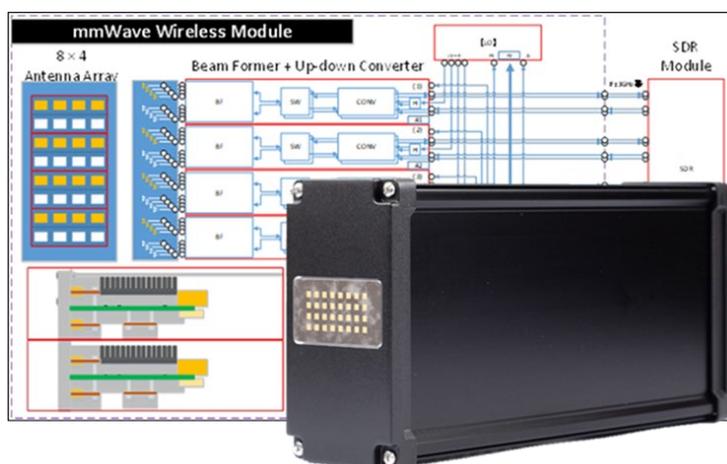
1. Overview

These research and development have been promoted since 2019 in order to respond to a need for new radio use increasing more and more including the next generation Beyond 5G, 6G, etc. and to achieve effective use of frequency and stable wireless network in the millimeter wave band, and Tamagawa Electronics has also been a part of this project.

2. About the products of Tamagawa Electronics

The adopted millimeter wave wireless base station and terminal hardware achieved in a small highly integrated hardware the multi-channel transmission and reception function with multi-element antenna and beam-forming function which are required for the next generation base station in millimeter wave (28GHz) band by being based on “mmWave Wireless Module” developed by us.

With this product, the research and development of highly reliable and advanced wireless network control technology and communication technology evaluation and substantiative experiment will be conducted in order to achieve super low-delay and stable multiple simultaneous connection between the base station and terminals.



3. Future efforts

“mmWave Wireless Module” developed by Tamagawa Electronics will be a general-use product with assumption of being used for visualization of radio wave required for local 5G area design and in the wireless communication field using the millimeter wave band for which demand is increasing more and more as well as the advanced research and development of wireless technology like this.

We will be hereafter actively engaged in the sales expansion activities for this product and aim for further expansion of performance in new market exploration in the IoT society and the existing field.

4. Future perspective

There is no effect given by this case to performance of our group in the current term.

Any effect to performance after next term will be disclosed as soon as known.