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## NTT unveils IC for 100 Gbps wireless transmission in 300 GHz band

Monday 11 June 2018 | 13:00 CET | News

Nippon Telegraph and Telephone Corporation (NTT) and Tokyo Institute of Technology (Tokyo Tech) have jointly developed an ultra high-speed IC for wireless front-end that operates on a terahertz frequency band, and in the 300 GHz band they have succeeded in developing 100 Gbps wireless transmission data rate. Unused terahertz waves can be applied to high-speed wireless transmission since a wide frequency band can be secured. In this research, NTT reports it has implemented a mixer circuit that applied a high isolation design technology with an Indium phosphide high electron mobility transistor

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Published 26 Jun 2018 14:12 CET | Germany

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