

Source: **IEEE 1914 Next Generation Fronthaul Interface (NGFI) Working Group**¹

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Subject: **Liaison on the “Category A+” TAE Requirement**

Dear Colleagues,

IEEE 1914 is progressing work on IEEE P1914.1. When completed, the standard will cover next generation fronthaul interface (NGFI) architecture, scenarios, and requirements. For more details, please refer to <http://sites.ieee.org/sagroups-1914/>.

As part of IEEE P1914.1 work at our September 2018 meeting, we discussed Time Alignment Error requirements at the radios in a fronthaul network. Considering recent industry progress in this area, we concluded that the “Category A+” requirement of 65 ns (Multiple-Input and Multiple-Output or transmit diversity radio access technologies) applies to co-located transmitter groups in the same Remote Unit and that the network is not involved in the synchronization of these transmitter groups. Therefore, we are planning to not cover this in IEEE P1914.1.

In the interest of alignment, we would recommend that this topic be revisited in the context of the collaboration between IEEE 802.1 and CPRI Cooperation as we believe the “Category A+” requirement should be removed from IEEE Std 802.1CM.

We would be grateful for your feedback on the above.

IEEE 1914 meets next in Xiamen, P.R. China, 4-6 December 2018.

Respectfully submitted,
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Chair, IEEE 1914 Working Group

¹ This document solely represents the views of the IEEE 1914 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE Communications Society.