

Common Public Radio Interface

Comments from CPRI Technical Working Group on
section 5.1 in 802.1CM Draft D0.1 (2016-01-28)

Introduction

- The CPRI Technical Working Group (TWG) has done a joint review of the IEEE 802.1CM Draft D0.1 dated 18th of January 2016.
- The TWG has some comments/remarks on section 5.1 “CPRI Requirements” and also a proposal for improvements.

Comments / Remarks

- The name of section 5.1
 - The name “CPRI requirements” is perhaps not a good title and might cause some confusions for the reader. The requirements that are stated in this section are applicable for a configuration where a bridged network is used AND the functional decomposition between the baseband-unit and the radio unit is according to current CPRI Specification.
 - For clarification; section 5.1 does not describe a “CPRI over Ethernet” configuration i.e. where CPRI framing is mapped to Ethernet frames; this might be perceived from the name of the section.

Comments / Remarks

- The text in section 5.1 (not sub-sections 5.1.x) should reflect the comment given on previous slide.

Proposal

- TWG has following proposal for this comment:
 - 5.1 CPRI **functional decomposition** requirements
 - 5.1.1 CPRI background
 - ~~5.1.1~~ 5.1.2 IQ data requirements
 - ~~5.1.2~~ 5.1.3 C&M data requirements
 - ~~5.1.3~~ 5.1.4 Synchronization requirements
 - Parts of current 5.1 can i.e. be moved to the new section “5.1.1 CPRI background”