

Transmission scheme for GEPOF (data payload scaling corrigendum)

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Agenda



- Introduction
- Original description
- Corrigendum

Introduction



- A typo error was found in the definition of the amplitude scaling used to transmit the payload data section in the transmission scheme, so the OMA is preserved almost equal for every section (pilots, header subframes and payload code-words)
- Although the scaling factor is correct, not the range indicated in the output
- This presentation fix the error

Original description



Transmission scheme - data payload THP & scaling



- The coefficients of the feedback filter b(i) are dynamically adapted by PMA using the PHD
- The length of the feedback filter is $N_b = 9$ taps, and $b(i) = 0 \forall i$ at reset
- State of feedback filter b(i) must be reseted before each data payload subblock is transmitted: filter is reset with input equal to 0 during Nb symbol rate cycles

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Questions?

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