Addressing ETCC comments against D2.1

(Support contribution for Comment #437/438/439)

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Comment #437/438/439

Cl **185A** *SC* **185A.2.3** *P* **913** *L* **17** # 437

Kota, Kishore — Marvell Semiconductor

Comment Type **T** *Comment Status* **D** *Reference equalizer (O)*

The section which describes the offline digital signal processing needs to define the number of taps to be used in the "reference equalizer" and the "reference post-equalizer" blocks as parameters for the ETCC calculation.

SuggestedRemedy

Add a table defining key parameters for the digital signal processing used for ETCC calculation. Propose adding the number of taps in "Reference Equalizer" and "Reference Post-Equalizer" as parameters in this table. The values for these parameters will be defined by the PMD clauses which reference this Annex based on the requirements of the specific PMD clause.

Cl **185** *SC* **185.8.6** *P* **608** *L* **4** # 438

Kota, Kishore — Marvell Semiconductor

Comment Type **T** *Comment Status* **D** *Reference equalizer (O)*

Specify values for the parameters required in the digital signal processing for ETCC.

SuggestedRemedy

Add a table specifying values for the number of taps to be used for "Reference Equalizer" and "Reference Post-Equalizer" blocks. Presentation to be provided with specific values.

Cl **187** *SC* **187.8.6** *P* **682** *L* **45** # 439

Kota, Kishore — Marvell Semiconductor

Comment Type **T** *Comment Status* **D** *Reference equalizer (O)*

Specify values for the parameters required in the digital signal processing for ETCC.

SuggestedRemedy

Add a table specifying values for the number of taps to be used for "Reference Equalizer" and "Reference Post-Equalizer" blocks. Presentation to be provided with specific values.

Comment #437/438/439: Background

- Section 185A.2.3 describes offline digital signal processing steps to calculate the ETCC. The number of taps for the reference equalizer and reference post-equalizer blocks need to be defined.
- In Annex 185A, propose to add a new table with the parameters for offline processing. This is similar in concept to Table 185A-1 in D2.1 which defines the parameters for the front-end.
- In Clause 185 and 187, propose to add new tables specifying values for these parameters. This is similar in concept to Table 185-12 and 187-12 in D2.1 which define specific values for the parameters in Table 185A-1.

Proposed remedy for comment #438

- Update Section 185.9 which references Annex 185A to define values for the offline DSP parameters:
  - Update text “The ETCC is computed using the test setup and calculation defined in Annex 185A and the parameter values listed in Table 185-12, Table 185-13 and Table 185-14.”
  - Add Table 185-14 containing parameter values

Parameter	Value
Reference equalizer number of taps	16
Post-equalizer number of taps	3

Proposed remedy for comment #439

- Update Section 187.9 which references Annex 185A to define values for the offline DSP parameters:
  - Update text “The ETCC is computed using the test setup and calculation defined in Annex 185A and the parameter values listed in Table 187-12, Table 187-13 and Table 187-14.”
  - Add Table 187-14 containing parameter values

Parameter	Value
Reference equalizer number of taps	32
Post-equalizer number of taps	5

Thank you!