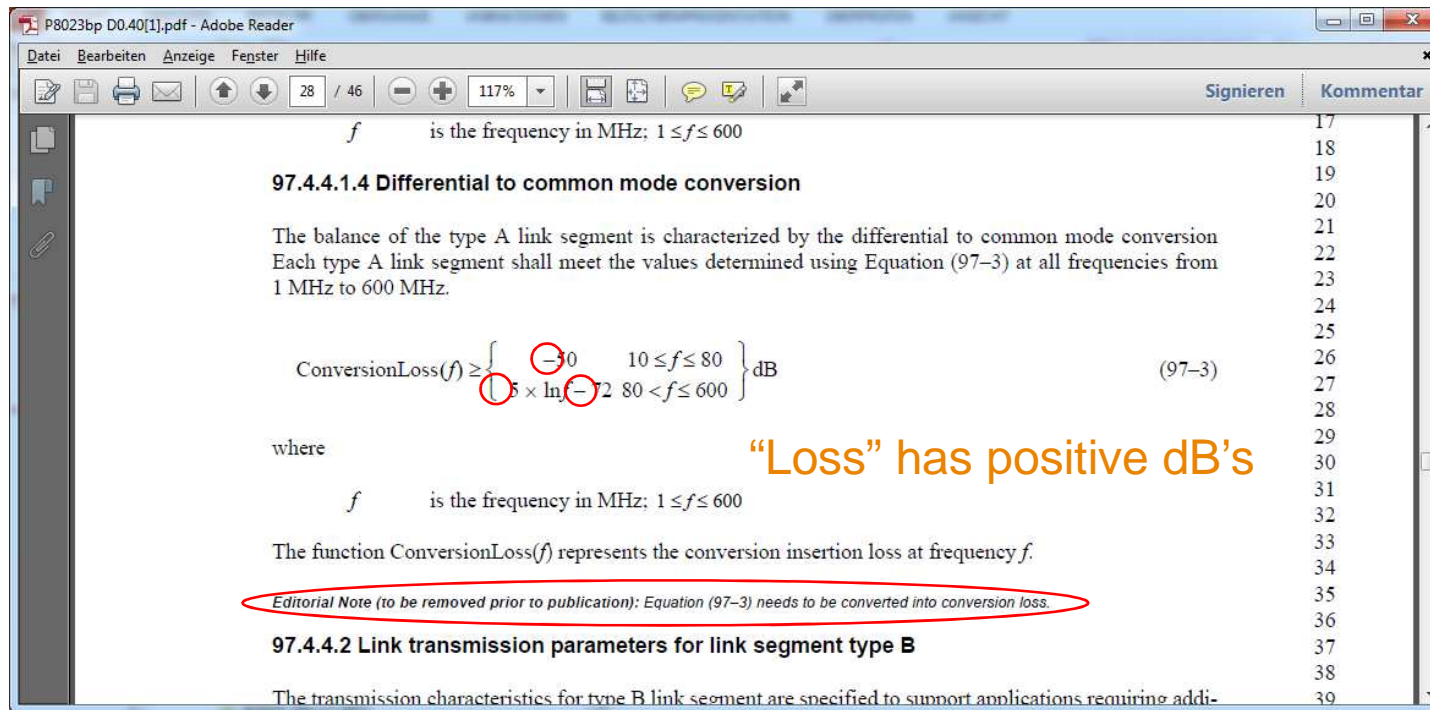# Comments for Corrections in
IEEE Draft P802.3bp / D0.40, 2 July 2014

Bert Bergner / TE Connectivity

10th July 2014

Correction:

$$Cced ConversionLoss(f) \geq \begin{pmatrix} 50 & 10 \leq f \leq 80 \\ 72 - 5\ln(f) & 80 < f \leq 600 \end{pmatrix} dB$$

Recommendation: → convert *ln* to *log* to be consistent with all other equations

$$5 \cdot \ln(f) = 5 \cdot \ln(10) \cdot \log(f) = 11.51 \cdot \log(f)$$

→ resulting equation:

$$ConversionLoss(f) \geq \begin{pmatrix} 50 & 10 \leq f \leq 80 \\ 72 - 11.51 \cdot \log(f) & 80 < f \leq 600 \end{pmatrix} dB$$

Bert Bergner / TE Connectivity, 10th July 2014

Should be "PSANEXT **Loss**" since dB's in equation are positive

Was relaxed to "54" by motion in Beijing

Correction:

$$PSANEXT\ Loss \geq \left(\begin{array}{ll} 54 - 10 \cdot \log(\frac{f}{100}) & 1 \leq f \leq 100 \\ 54 - 15 \cdot \log(\frac{f}{100}) - 6 \cdot \left(\frac{f-100}{400} \right) & 100 < f \leq 600 \end{array} \right) dB$$