

Screening Attenuation Suggested Remedies:

Comments 31, 137, 163:

The reference to both IEC 62153-4-7 and Annex 149A is confusing. Remove the reference to Annex 149A which describes an adaptation of IEC 62153-4-7 for differential pair measurement which is not relevant to -V1 link segments. Change lines 31-33 to:

“The screening attenuation for each -V1 link segment shall meet the values determined using Equation (191–19). Screening attenuation is tested as specified in IEC 62153-4-7 using triaxial tube-in-tube method. ~~Additional screening attenuation test methodologies are defined in Annex 149A.~~”

$$Screening\ attenuation(f) \geq \begin{cases} 55 & 30 \leq f < 1000 \\ 50 & 1000 \leq f < 3000 \text{ (dB)} \\ 45 & 3000 \leq f < 4000 \end{cases}$$

where

f is the frequency in MHz; $30 \leq f \leq 4000$

Comments 30, 34, 136:

Change lines 1-15 to:

“The screening attenuation for each -V1 link segment shall meet the values determined using Equation (191–27). Screening attenuation is tested as specified in IEC 62153-4-7 using triaxial tube-in-tube method.

$$Screening\ attenuation(f) \geq \begin{cases} 55 & 30 \leq f < 1000 \\ 50 & 1000 \leq f < 3000 \text{ (dB)} \\ 45 & 3000 \leq f < 4000 \end{cases}$$

where

f is the frequency in MHz; $30 \leq f \leq 4000$