
Comments
IEEE P802.3cg/D1.0

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Comments#305, 24, 16, 17, 23, 18

- **D1.0 includes electromagnetic classification for 10BASE-T1L link segment.**
- **D1.0 does not include associated link parameters such as coupling attenuation (shield) or mode conversion (UTP).**
- **IEEE P802.3cg/D1.0, Comments#305, 24, 16, 17, 23, 18 address inclusion of coupling attenuation or mode conversion.**

Electromagnetic classifications

- In Table 146-8 the radiated RF min f(MHz) is 80 MHz. The 10BASE-T1L link segment is specified 0.1MHz-20 MHz.

Table 146-8—Electromagnetic classifications 10BASE-T1L link segment

Electromagnetic	E ₁	E ₂	E ₃
Radiated RF - AM	3 V/m at (80 to 1000 MHz) 3 V/m at (1400 to 2000 MHz) 1 V/m at (2000 to 2700 MHz)	3 V/m at (80 to 1000 MHz) 3 V/m at (1400 to 2000 MHz) 1 V/m at (2000 to 2700 MHz)	10 V/m at (80 to 1000 MHz) 3 V/m at (1400 to 2000 MHz) 1 V/m at (2000 to 2700 MHz)
Conducted RF	3 V at 150 kHz to 80 MHz	3 V at 150 kHz to 80 MHz	10 V at 150 kHz to 80 MHz

- Options:
 - Develop BW relevant radiated RF electromagnetic specifications.
 - Reference BW relevant radiated RF electromagnetic specifications.