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**Recommended Environmental Condition Ranges for
Broadband Communications Equipment**

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1.0 SCOPE

This document specifies the recommended environmental conditions (temperature, humidity, altitude and vibration) for the operation, storage and shipment of broadband communications equipment.

2.0 EQUIPMENT CLASSES

2.1 Class 1

Class 1 represents outdoor aerial (strand) and pedestal enclosure (Street cabinet) located equipment. Examples of these types of equipments are RF amplifiers, fiber optic nodes, taps, etc.

2.2 Class 2

Class 2 represents indoor headend facility located equipment. Typically these facilities are environmentally controlled with HVAC systems. Examples of this type of equipment are receivers, modulators, demodulators, etc.

2.3 Class 3A & 3B

Class 3A represents an indoor premise (subscriber) located equipment. Examples of this type of equipment are set top converters, cable modems etc.

Class 3B represents indoor premise (subscriber) located equipment where extended temperature extremes may exist (such as in an attic or a garage). Examples of this type of equipment are hardened cable modems and eMTA's.

3.0 EQUIPMENT CONDITIONS

3.1 Condition A

Condition A represents the operating (functional) condition of the equipment.

3.2 Condition B

Condition B represents the non-operating (storage) condition of the equipment.