

February 20, 2020

## ENV-00268 Rev A MTBF Declaration

To Whom It May Concern:

A calculation was performed using a predictive method per Telcordia SR332 Issue 2.

<b>Product:</b> E224 Series, ROUTER		
<b>Environment:</b> Ground Benign, Controlled		
<b>Temperature:</b>	30 °C	85 °C
<b>Failure Rate (FIT):</b>	1.18	15.45
<b>MTBF:</b>	846829 hours (96.67 years)	64724 hours (7.39 years)

### Definitions

**Failure Rate (FIT):** Failures per billion hours. The total number of failures within an item population per the total number of life units expended by that population during a measurement interval under stated conditions.

**Failure:** The events, or inoperable state, in which any item or part of an item does not, or would not, perform as specified.

**MTBF:** Mean time between failures. This is an average value of time between successive outages of the system.

Sean Shi

Sean Shi  
Sr. Component Engineer  
Lantronix, Inc.