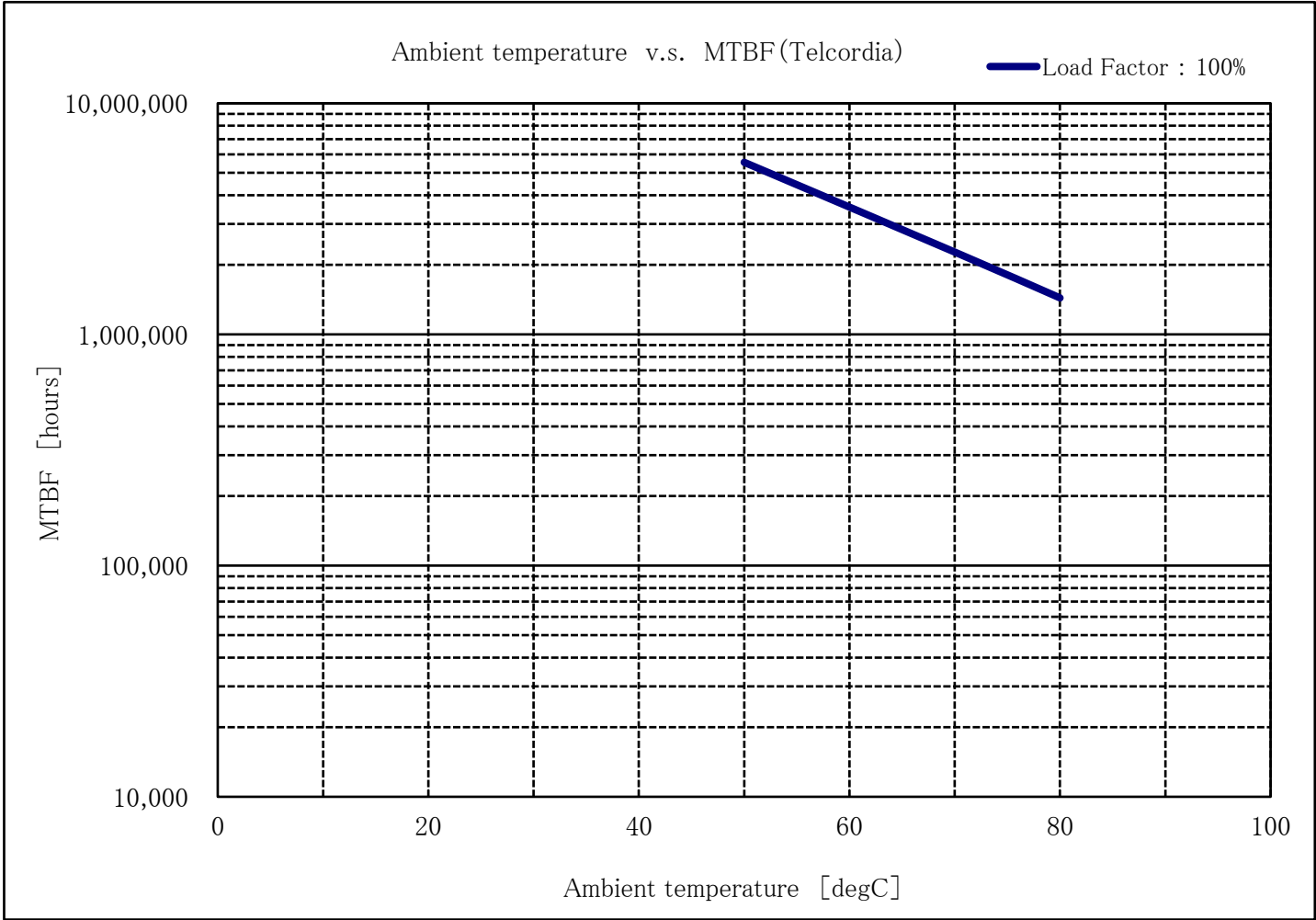




Apr 15, 2025  
KEIGO TERADA

MTBF計算値 Calculated Values of MTBF

MODEL : DCS1400B48



1. MTBF値 MTBF Values

Load Factor : 100%  
Ambient temperature : 50 degC  
MTBF = 5,554,227 [hours]

Load Factor : 100%  
Ambient temperature : 70 degC  
MTBF = 2,270,952 [hours]

Load Factor : 100%  
Ambient temperature : 80 degC  
MTBF = 1,438,241 [hours]

2. 算出方法 Calculating Method

Telcordiaの部品ストレス解析法<sup>(\*)</sup>で算出されています。  
Calculated based on parts stress reliability projection  
of Telcordia<sup>(\*)</sup>.

\* : Telcordia "Reliability Prediction Procedure  
for Electronic Equipment"  
(Document number SR-332, Issue 4)

条件 Conditions : Environment GB  
(Ground Fixed, Controlled)