



DOCUMENT CHANGE REQUEST

DCR number 1145 Changes required for: Qualification

Date: 2018/07/04

Date sent: 2018/01/25

Originator: Steve Jeffery

Organisation: ESCC Executive

Status: IMPLEMENTED

Title: Generic Specification for Attenuators and Loads RF Coaxial Fixed

Number: 3403 Issue: 5

Other documents affected:

Page:

Various, as shown in the attachment.

Paragraph:

Various, as shown in the attachment.

Original wording:

See the relevant pages and paragraphs of ESCC 3403 Issue 5.


Proposed wording:

As highlighted in the attached MSWord file ESCC3403Draft6A.doc

Justification:

This DCR is raised on behalf of the ESCC QPL- and EPPL-listed manufacturer Radiall to update, streamline and improve the testing required for Loads and Attenuators; also general changes which are in-line with various recently-approved ESCC Generic Spec updates.

Radiall are re-designing their already qualified variants and therefore intend to change Detail Specs 3403/005 and 3403/006 accordingly. Radiall wish to take this opportunity to add new testing to Generic 3403, modify some existing test requirements and also delete testing which is not beneficial and/or not relevant to the space environment. Note that some changes have already been approved by ESA and CNES (e.g. the different Random Vibration test requirements).

Attachments:
escc3403draft6d.docx
Modifications:
<p>The wording of Para. 8.4, Thermal Cycling is amended for the purposes of clarification and general improvement. Was "...15 minutes at each temperature extreme...", is now "...15 minutes at each storage temperature extreme..."</p> <p>The wording of Para. 8.10, Rapid Change of Temperature is amended for improved coherence and simplification. Was "...shall be not less than 2 minutes and not more than 3 minutes. In the case of automatic two-chamber test equipment, a change-over period of less than 30s is allowed.", is now "...shall be no longer than 3 minutes."</p>
Approval signature:

Date signed:
2018-07-04