



DOCUMENT CHANGE REQUEST

DCR number 261 Changes required for: General

Date: 2006/06/08

Date sent: 2006/06/08

Originator: Steve Thacker (pp)

Organisation: ESA/ESTEC

Status: IMPLEMENTED

Title: Crystal Units in Metal Holder, based on type T807, Frequency range:4.0-140MHz.

Number: 3501/001

Issue: 1

Other documents affected:

3501/002-2, 3501/009-1, 3501/011-1, 3501/012-1, 3501/018-1, 3501/019-1

Page:

Add new Appendix 'A' for manufacturer:
C-MAC Frequency Products (F)

Paragraph:

Add new Appendix 'A' for manufacturer:
C-MAC Frequency Products (F)

Original wording:

Proposed wording:

During discussions with respect to DCR201, raised by CNES, PSWG22 has instructed a new DCR be raised to cover changes to the various ESCC detail specifications, as listed above, for Manufacturer CMAC. 100% Radiographic inspection during Chart III screening shall not be performed for all variants/components covered by these specifications from CMAC (whether ESCC qualified or not).

Details of changes to all above specs:
Add Appendix 'A'
Agreed Deviations for C-MAC Frequency Products (F)

Items Affected
Para 4.2.3 (Deviations from Burn-in Tests (Chart III))

Description Of Deviations
Para 9.11, Radiographic Inspection: Shall not be performed

Justification:

As per DCR201 provided by CNES:
The Radiographic Inspection has not detected any defect of production. It should be kept only for failure analysis.

Plus the following additional justifications were provided by CNES/CMAC during discussions:
a) For crystal units, no reject in the past 10 years at CMAC (The only manufacturer qualified for crystal units).



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B) Manufacturers are not equipped with RX means and this test is always performed by a sub-contactor. Each piece cannot be examined in details in RX examination during production flow. Generally, only one picture with the entire lot is performed at a scale 1. The deletion is proposed not for reduction of cost, but for delay in the production flow and the bad efficiency of the test.

C) This test is not required by MIL-PRF-3098H.

Attachments:

N/A

Modifications:

N/A

Approval signature:

Date signed:

2006-06-08