DOCUMENT CHANGE REQUEST

DCR number 1581	Changes required for: MRB decision	Originator: Steve Thacker
Date: 2023/09/14	Date sent: 2023/06/08	Organisation: ESCC Executive Secretariat
Status: IMPLEMENTED		

Title:	RF coaxial connectors, TNC, very high power, 50 ohms (female interface) based on Type TNC-VHP		
Number:	3402/027	Issue:	3

Other documents affected:

3402/028-2

Page:

3402/027: 22 ; 3402/028: 28

Paragraph:

Appendix A (for Radiall)

Original wording:

As per currently published issue

Proposed wording:

Add the following deviation to Radiall's Appendix A (see attached mark-up draft specs for details):
.....
Items Affected:
Para. 4.3.10 / 4.3.11
RF Power Handing

.....
Description of Deviations:
Due to test equipment limitations, RF Power Handling may be performed at a reduced RF Power of 355W at 2GHz (instead of at the specified rated RF Power of 400W at 2GHz).

Note: The required performance of the components specified herein up to the specified rated RF Power: 400W at 2GHz, was confirmed during the initial ESCC Qualification in 2018 by the use of simulation techniques. The simulated results correlate with the real qualification test results at 355W at 2GHz.

There have been no changes in the material, process and design of the components since the initial qualification.
.....

Justification:

This DCR is raised on behalf of Radiall with changes as agreed with Radiall.

Note: these changes are raised in order make 3402/027 & 3402/028 consistent with the changes per DCR1578 raised on ESCC 3408/001 in line with ESCC NCCS: NC-1-C-RAD-3-01.

Note: Both 3402/027 and 3402/028 are currently the subject of 2 open conversion DCRs : 1442 & 1440, as detailed in previously provided draft spec markups 3402027 Draft 3D and 3402028 Draft 3D.
None of the changes per DCRs 1442 & 1440 are included in this DCR nor in the draft spec mark-ups 3402027 Draft 3X and

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3402028 Draft 3X.

Attachments:

escc3402027iss_draft_3x_in_review.docx, escc3402028iss_draft_3x_in_review.docx

Modifications:

N/A

Approval signature:



Date signed:

2023-09-14