



DOCUMENT CHANGE REQUEST

DCR number		1578		Changes required for: MRB decision		Originator: Steve Thacker	
Date: 2023/07/04				Date sent: 2023/06/06		Organisation: ESCC Executive Secretariat	
Status: IMPLEMENTED							

Title:	RF cable assembly, TNC, very high power, 50 ohms, semi-rigid and flexible cable, DC to 18 GHz		
Number:	3408/001	Issue:	1

Other documents affected:

Page:

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Paragraph:

Appendix A (for Radiall)

Original wording:

As per 3408/001 issue 1

Proposed wording:

Add the following deviation to Radiall's Appendix A (see attached mark-up draft spec for details):

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Items Affected:

Para. 1.5 Maximum Ratings

Para. 2.3 Environmental and Mechanical Tests:

(q) RF Power Handling

(r) RF Power Cycling

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Description of Deviations:

RF Power (continuous), Prf, for Variants 04 to 13:

Due to test equipment limitations, all tests required to be performed at rated RF Power of 400W at 2GHz (i.e. RF Power Handling and RF Power Cycling for Variants 04 to 13), may be performed at a reduced RF Power of 355W at 2GHz.

Note: The required performance for Variants 04 to 13, 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 has been no change in the material, process and design of the component since the initial qualification.

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Justification:



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Status: IMPLEMENTED			
DCR raised on behalf of Radiall with changes as agreed with Radiall (ref. ESCC NCCS: NC-1-C-RAD-3-01)			
Attachments:			
esc3408001iss_draft_2b_in_review.docx			
Modifications:			
N/A			
Approval signature:			
			
Date signed:			
2023-07-04			