



11/01/2023

Subject: USCAR-17 Revision 5 Letter #5

Changes have been made to USCAR-17 as described below. Comments and questions can be sent to EWCAP@uscar.org.

Situation:

Step 7 of 4.2.1.2 Procedure requires to measure SWR and IL per procedure 4.2.2.2, Steps 4, 6 and 7. Step 7 of procedure 4.2.2.2 per USCAR17 Rev 6 is to "Completely un-mate and mate each sample a total of 10 times and leave them mated."

Per a previous version (USCAR17 Rev 4) it's clear that this is not intended. In that version, Step 7 determines the start gate and stop gate of the CUT and the 10 mate and un-mate cycles are in Step 8. (Revisions 5 and 6 requires doing 10 mates but Rev. 4 does not.)

Resolution:

Change Step 7 of 4.2.1.2 to not include repeating Step 7.

7.1 Measure SWR and IL per Procedure 4.4.2.2, Steps 4, 6, ^{and} ~~7~~. Sections of this test apply to all RF connector types refer to 4.4.2 for application specifics.