1. (normative)  
   Electromagnetic effects verification report (EMEVR) - DRD
   1. DRD identification
      1. Requirement identification and source document

This DRD is called from ECSS-E-ST-20, requirement 6.4.1c.

* + 1. Purpose and objective

The electromagnetic effects verification report (EMEVR) provides reporting of all activities in relation with the verification of the effects of the electromagnetic environment.

The document is prepared for each project, based on the electromagnetic effects verification plan.

It then applies to every item of equipment and subsystem in the project.

* 1. Expected response
     1. Scope and content

The EMEVR shall contain a description of the purpose, objective, content and the reason of prompting its preparation.

The EMEVR shall list the applicable and reference documents to support the generation of the document.

The EMEVR shall include any additional definition, abbreviation or symbol used.

The EMEVR shall include:

identification of specific objectives, including applicable requirements and EMEVP references;

description of test article (e.g. configuration and drawings and photographs);

description of any fixes or configuration changes to article resulting from verification failures;

description of changes to cables attached to the equipment under test with respect to the EMEVP

summary of results including an executive summary stating degree of conformance to requirements;

description of any deviations from test facilities, analysis techniques or tools, and inspection aids in EMEVP;

description of any deviations from step–by–step procedures in EMEVP;

test set–up diagrams/photographs as appropriate;

list of test equipment, including calibration information;

recorded data or logs, including instrument readings, correction factors, and reduced results; methods of data reduction.

If value of data has been compromised due to test conditions, the reason and impact on results;

description of ambient and other test conditions.

* + 1. Special remarks

None.