



**DEFENSE LOGISTICS AGENCY**  
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COLUMBUS, OH 43218-3990

IN REPLY  
REFER TO

DSCC-VAT

April 27, 2009

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Dated Engineering Practice Study Concerning MIL-R-28750/9C EMI Testing Parameters  
Project number 5945-2008-018

Findings and recommendations on Engineering Practice Study, dated April 27, 2009 and attachments are enclosed.

Upon your approval, this office will take the necessary electronic action to reflect completion of this project.

/signature/

MICHAEL A. RADECKI  
Team Chief  
Electronic Components Team

Enclosure

ATTCH 1

ENGINEERING PRACTICE STUDY  
TITLE: REVIEW OF MIL-R-28750/9 EMI TESTING PARAMETERS  
Project number (5945-2008-018).

27 April 2009

STUDY PROJECT

FINAL REPORT

Study Conducted by Erika Baker

On

EMI Testing Parameters

Prepared by:

Erika Baker

ENGINEERING PRACTICE STUDY  
Investigation of MIL-PRF-28750/9 EMI TESTING PARAMETERS  
Project number (5945-2008-018).

- I. OBJECTIVES: Determine the need to modify Figure 4, Broadband conducted emissions, EMI Testing Parameter from 40 dBuA/MHz to 50 dBuA/MHz.
- II. BACKGROUND: The office of VAT received an inquiry from a QPD manufacturer requesting the EMI Testing Parameter modification due to limitations of available Silicon Control Rectifier (SCR) components.
- III. RESULTS: A survey letter was sent to all QPD manufacturers and document custodians/reviewers. The response supported the modification of EMI Testing Parameter from 40 dBuA/MHz to 50 dBuA/MHz.
- IV. CONCLUSION: It was determine that DSCC would update MIL-PRF-28750/9 Performance Specification to support the increase of EMI Testing Parameter to 50 dBuA/MHz; Figure 4 , Broadband conducted emissions.
- V. RECOMMENDATION: If there are additional requests to support MIL-PRF-28750/9 Performance Specification please notify Erika Baker (614) 692-4481 or Email [Erika.Baker@dla.mil](mailto:Erika.Baker@dla.mil). I will be glad to work with the manufacturers and document Custodians/Reviewers to identify a solution.

(5945-2008-018)