



ANSC-C63[®] Interpretation Request Form

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This form shall be used for submission of Interpretation Requests related to ANSI-IEEE standards that are within the responsibility of ANSC-C63[®]. The eight parts of the form must be filled out completely, with the exception of the Subcommittee Response, to ensure expedient processing. This completed form is to be submitted to the [Secretary of ANSC-C63[®]](#) via e-mail.

Submission Date	Originator Name, Company
18/11/2022	Henrik Egeberg Nielsen Foss Analytical Foss Alle 1, 3400 Hillerod. Denmark

Standard	Clause/ Sub clause	Paragraph Figure/ able	Type (General/ Technical/ Editorial)	Comment / Inquiry	Subcommittee Response <i>(to be filled in by Subcommittee Chair)</i>
ANSI C63.4	7/7.1 to 7.3.4	See comment	Technical	<p>Questions regarding ANSI C63.4 Conducted emission on AC mains.</p> <p>Should 1.6 mH chokes be used in series with the ground conductor in the mains power cable to simulate a poor or bad safety ground connection. I can't find it in either FCC part 15 subpart B or ANSI 63.4, but my local EMC lab uses this setup and gives me a problem with compliance with the requirement.</p>	<p>A test using a LISN with a 1.6 mH choke in series with the power ground is not specified in ANSI C63.4-2014. While an additional test case for AC line conducted emissions that includes the use of a 1.6 mH safety ground wire choke may be specified in standard methods other than ANSI C63.4-2014, this additional test case, the inclusion of a 1.6mH choke in series with the power ground, has never been specified in any version of ANSI C63.4.</p>