

Interpretation/explanation Request 2004-C63-SC1-3

15 December 2004

-----Original Message-----

From: Kurashina Mitsuo [mailto:kurasina@kec.or.jp]

Sent: Tuesday, November 09, 2004 9:21 PM

To: d.heirman@ieee.org

Subject: Question on nonreferring IEEE std 213-1987 in ANSI C63.4-2003

Dear Heirman, Donald N:

In your very active and busy time, may I ask a following question?

ANSI C63.4-2003 runs as follows:

(12. Measurement of unintentional radiators other than ITE 12.1 Measurement of receivers) FM and TV broadcast receivers shall be measured for radiated emissions in accordance with the procedures set forth in IEEE Std 187-1990 or EIA-378. AC powerline conducted emissions shall be measured in accordance with the procedures "set forth in this standard".

Question

This last sentence has been changed from "set forth in IEEE std 213-1987" in ANSI C63.4-2001 or 1992. As IEEE std 213-1987 describes standard input signals, the equipment setup, and measurement techniques, would you please advice how we find information such as input signals in the new ANSI C63.4-2003?

Thank you very much for your kind response.

Best regards,

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The following response from the C63 Subcommittee 1 is considered an explanation of the clause in ANSI C63.4

In response to the question on IEEE Std 213-1987 the following explanation is offered.

By way of background, IEEE 213-1987 has been withdrawn and hence is not an active standard as of January 2004. Hence, C63.4-2003, which was available in early 2004, was revised to reference only IEEE Standard 187-1990. Standard 187-1990 only covers radiated emissions for analog receivers. The revised version of IEEE Std 187-2003 addresses both radiated and conducted emissions for analog and digital broadcast receivers and hence should be used for conducted emission measurements. In Clause 4.2 of this edition of the standard, the input signal for the conducted emission test is described using the Line Impedance Stabilization Network shown in ANSI C63.4. The next edition of C63.4 will reference the new edition of Standard 187-2004.