

This one should have been made more apparent in the rules. The use of ANSI C63.4-1992 was implemented in the Report and Order in GEN Docket Nos. 89-116, 89-117 and 89-118. As stated in paragraph 11 of that order, "ANSI C63.4-1992 does not include procedures for measurement of radiated emissions below 30 MHz, or for measurements on spread spectrum transmitters. These two areas present technical issues that are not yet completely resolved. Additional procedures addressing these areas may be added to C63.4 in the future. We note that our proposals did not address such measures. Until such time as specific measurement procedures are developed, we will apply only the general measurement guidance currently contained in Sections 15.31 through 15.35 of the FCC Rules." Similarly, paragraph 7 of this order noted that we were not adopting Sections 5.7, 9, and 14 of C63.4-1992 dealing with the use of the absorbing clamp, relaxation for clicks and the use of the artificial hand.

Until such time as the Commission amends its rules, a shielded balanced loop antenna is required for measurements below 18 MHz. It is my understanding that a shielded balanced loop antenna or a calibrated tuned half-wave dipole antenna can be used between 18 MHz and 30 MHz. Above 30 MHz, a calibrated tuned half-wave dipole must be used according to C63.4.

I think that the above covers everything. Just in case, I've copied our people at the lab since they're the ones that do the actual testing.