# ANSI-ASC-C63® Interpretation Request Form

This form shall be used for submission of Interpretation Requests related to ANSI-IEEE standards that are within the responsibility of ANSI-ASC-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 ANSI-ASC-C63® via e-mail.

| Submission Date | Originator Name, Company |
|---|---|
| 05/07/2016 | Charles Wang / Champro Technology Co., Ltd. |

| Standard | Clause/ Sub clause | Paragraph Figure/ Table | Type (General/ Technical/ Editorial) | Comment / Inquiry | Subcommittee Response (to be filled in by Subcommittee Chair) |
|---|---|---|---|---|---|
| C63.5-2006 | Annex H | | Technical | Why other types of antenna for NSA measurement apply to Annex H no need to correct SSM factor to free space antenna factor as Annex G in 30 to 200MHz? The dimension(size) of those antennas for NSA measurement apply to Annex H will be large than the size of biconical as stated in Annex G. | The modeling and research for Annex G was done for biconical dipole antennas whose minimum and maximum dimensions are within the limits stated in Annex G, Figure G.1 of ANSI C63.5-2017. The correction factor values are only valid for biconical dipole antennas conforming to those dimensional limits. Since NSA requires that Free Space Antenna Factors (FSAF) are used (see Clause 5.1), and the Standard Site method yields near free space antenna factors, biconical dipole antennas in the range 30 - 200 MHz are to be corrected to obtain FSAF. For antennas other than the biconical dipole antennas conforming to the dimensional limits stated in Annex G, Figure G.1 of ANSI C63.5-2017, the procedures in Annex H are to be followed to obtain the required Geometry Specific Correction Factors.<br><br>*This response is based on C63.5:2017 however, some regulatory authorities may require the use of C63.5:2006. Please note that this interpretation would be the same for both editions, but the clause or Annex references may be different.* |