ANSI C63.4: 2014, Clause 7.3.1 - Measurements at a Test Site a) All other surfaces of tabletop or floor-standing EUTs shall be at least 80 cm from any other grounded conducting surface, including the case or cases of one or more LISNs.

ANSI C63.4: 2014, Clause 5.4.4.3 Site Validation Interval - Validation of the acceptability criterion shall be confirmed in the first year for a new site or one that has undergone physical and electrical upgrades or changes. Subsequent validation intervals may be longer (up to 3 years) or shorter...

ANSI C63.4: 2014, Clause 5.4.4.3 Site validation interval - Validation of the acceptability criterion shall be confirmed in the first year for a new site or one that has undergone physical and electrical upgrades or changes. Subsequent validation intervals may be longer (up to 3 years) or shorter, based on a review of NSA data relative to the extent and severity of use of the site, ...
ANSI C63.4-2014
American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

4.3 Line impedance stabilization network (LISN)

Table B.1 through Table B.4 show the ± 20% limit values for the LISN impedance at the LISN terminals and the +30% / –20% limit values for the LISN impedance when extension cords are used with the LISN, respectively. Where specific equipment requirements specify another LISN, the specified LISN shall be used.

ANSI C63.4-2014
American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

8.2.3 Electric field radiated emissions (30 MHz to 1 GHz)
The specified distance is the distance between the horizontal projection onto the ground plane of the closest periphery of the EUT and the projection onto the ground plane of the center of the axis of the elements of the receiving antenna.

ANSI C63.4:2014, clause 4.2.3: Linearity test—Linearity can be verified by measuring the level of the specific signal under investigation and repeating this measurement after a 6 dB or less attenuator has been inserted at the input of the measuring instrument, or the preamplifier if used.

ANSI C63.4-2014, clause 10.2.5: All formulas for data conversions and conversion factors, if used, shall be included in the measurement report.

ANSI C63.4-2014, clause 6.3.2.3.f (1): Power accessories that are not the EUT: If the power accessory connects to a tabletop EUT having a power cord to the power accessory less than 80 cm in length, the power accessory is placed on the tabletop. If the EUT power cord to the power accessory is 80 cm or greater in length, then the power accessory is placed on the floor immediately under the EUT.

ANSI C63.4-2014, clause 8.3.1.1.c: For tabletop systems, cables or wires not bundled in the initial setup shall be manipulated within the range of likely arrangements.

ANSI C63.4-2014, clause 5.2.4.2: The site reference ground plane is the ground reference for the LISN. The bond used shall have a dc resistance of less than or equal to 2.5 mOhm.
ANSI C63.4-2014, clause 11.5.3: The keyboard shall be positioned in front of the monitor, centered on the monitor, and flush with the front edge of the tabletop surface (see Figure 7, Figure 8, and Figure 10).
ANSI C63.4-2014, Figure 8, Note 3.3: LISN at least 80 cm from nearest part of EUT chassis.

ANSI C63.4-2014, clause 8.2.4: In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test. If the overall measurement sensitivity is inadequate, then low-noise preamplifiers, closer measurement distances, higher gain antennas, and/or narrower bandwidths may be used.

ANSI C63.10 (2020), clause 6.6.4.1: If the overall measurement sensitivity does not provide a noise floor more than 6 dB below the limit, then low-noise preamplifiers, closer test distances, higher gain antennas, or narrower bandwidths might be required.

ANSI C63.4-2014, clause 8.2.4: Because the source of emissions from the EUT is generally limited to relatively small-angle cones of radiation in any elevation above the ground plane including angles above the height of the EUT, the antenna beamwidth shall be known so that when EUT emissions are measured, the area of coverage of the EUT emissions can be determined.

ANSI C63.4-2014, clause 8.3.2.2: The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal.

ANSI C63.10 (2020), clause 6.6.4.3: The emission signal shall be kept within the illumination area of the 3 dB beamwidth of the antenna so that the maximum emission from the EUT is measured. This may be achieved by either pointing the antenna at an angle toward the source of the emission or by testing the EUT as described in 6.6.3.3.

ANSI C63.4-2014
5.2.4.2 LISN connected to the reference ground plane
The site reference ground plane is the ground reference for the LISN. The bond used shall have a dc resistance of less than or equal to 2.5 mO.
ANSI C63.4-2014
10.2.7 Measurement procedures
Any measurements that utilize special test software shall be indicated and referenced in the test report.
ANSI C63.4-2014
Annex B (normative) Specifications and verification of LISN characteristics
(1)
ANSI C63.4-2014
N.1 b)
4) The hybrid antenna shall have been calibrated for antenna factors, VSWR, and antenna symmetry by an ISO/IEC 17025-accredited calibration laboratory that has the following items included within its scope of accreditation:
i) The Standard Site Method (SSM) [per the associated subclause(s) of ANSI C63.5],
ii) The measurement of antenna VSWR ,
iii) The measurement of antenna symmetry [per the associated subclause(s) of ANSI C63.5].

---
(2)
ANSI C63.5-2017
4.4.4 Frequency step size for swept-frequency measurements
Broadband antennas shall be measured using the frequency step size(s) specified in Table 2, or smaller step sizes.

5.1.2 a) 1) Separation distance R is 10 m
ANSI C63.4-2014
5.2.2 Reference ground plane
…The bonds used shall each individually have a direct current (dc) resistance of less than or equal to 2.5 mO.

ANSI C63.4-2014
7.3.1 b)
ANSI C63.4-2014
7. AC power-line conducted emission measurements
7.3 Measurement procedures
7.3.1 Measurements at a test site
7.3.1 b) ... LISN setup, such that the calibration of the combined adapter or extension cord with an adapter and the LISN meets the requirements of 5.2.4

ANSI C63.4-2014
Annex N
N.1 b) 1)
The hybrid antenna shall have a measured VSWR of 2.5:1 or less at all frequencies from 30 MHz to its highest frequency of operation (i.e., to 1 GHz or possibly higher); it is acceptable to satisfy this requirement by the permanent installation of a suitably chosen attenuator (pad) on the antenna RF output port.

ANSI C63.4-2014, clause 8.2.4
Because the source of emissions from the EUT is generally limited to relatively small-angle cones of radiation in any elevation above the ground plane including angles above the height of the EUT, the antenna beamwidth shall be known so that when EUT emissions are measured, the area of coverage of the EUT emissions can be determined.
ANSI C63.4-2014, clause 8.3.1.1.c:
For tabletop systems, cables or wires not bundled in the initial setup shall be manipulated within the range of likely arrangements.

ANSI C63.4-2014, clause 8.2.4
In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test.

ANSI C63.4:2014 Clause 8.2.4
In performing these measurements, the sensitivity
of the complete measurement system relative to
the limit shall be determined before the test.
ANSI C63.4-2014 5.5.1 General
The RF absorbing material used on the reference ground plane (i.e., the ground plane of an OATS or the conductive metal floor of an RF anechoic chamber, as applicable) and on the turntable shall have a maximum height (thickness) of 30 cm (12 in).

ANSI C63.4-2014 7.3.1 Measurements at a test site
Adapters or extension cords connected between the EUT power cord plug and the LISN power receptacle shall be included in the LISN setup, such that the calibration of the combined adapter or extension cord with an adapter and the LISN meets the requirements of 5.2.4.

ANSI C63.4:2014 Clause 8.2.4
In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test.
ANSI C63.4: 2014, page 25, Clause 5.1.5 EUT support table - The effects of the EUT support table shall be included in the calculation and
reporting of the measurement uncertainty for radiated emissions measurements made on tabletop devices (i.e., see 10.2.8.2).
ANSI C63.4: 2014, Clause 7.3.1 - Measurements at a Test Site a) All other surfaces of tabletop or floor-standing EUTs shall be at least 80 cm from any other grounded conducting surface, including the case or cases of one or more LISNs.
ANSI C63.4: 2014, Clause 8.3.2.2 Final radiated emission measurements (1 GHz to 40 GHz) - Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.

ANSI C63.4: 2014, page 25, Clause 5.1.5 EUT support table - The effects of the EUT support table shall be included in the calculation and reporting of the measurement uncertainty for radiated emissions measurements made on tabletop devices (i.e., see 10.2.8.2).
ANSI C63.4: 2014, Clause 8.2.4, Electric field radiated emissions (1 GHz to 40 GHz) - For Radiated Emission > 1 GHz, the antenna beamwidth shall be known so that when EUT emissions are measured, the area of coverage of the EUT emissions can be determined.

ANSI C63.4-2014, clause 5.2.4.2: The site reference ground plane is the ground reference for the LISN. The bond used shall have a dc resistance of less than or equal to 2.5 mOhm.
ANSI C63.4-2014, clause 4.2.4.1: The average detector shall meet the linear average specifications in ANSI C63.2 or CISPR 16-1-1:2010-11.
ANSI C63.10-2020

4.1.5.2.4 Using an external preamplifier with a spectrum analyzer or EMI receiver

ANSI C63.4-2014 ANNEX N
The hybrid antenna shall have a measured VSWR of
2.5:1 or less at all frequencies from
30 MHz to its highest frequency of operation (i.e., to
1 GHz or possibly higher); it is
acceptable to satisfy this requirement by the
permanent installation of a suitably chosen
attenuator (pad) on the antenna RF output port.
ANSI C63.4-2014
Annex B (normative) Specifications and verification of LISN characteristics

ANSI C63.4-2014
8.3.2.2 Final radiated emission measurements (1 GHz to 40 GHz)
… Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. …

ANSI C63.4-2014
B.2 LISN impedance limits
The LISN and extension cord must be maintained within the impedance requirements and tolerances of Table B.3 and Table B.4.

CISPR 32:2015+AMD1:2019 CSV
C.4.1.2 Characteristics of AAN
b) The AAN shall provide sufficient isolation against emissions from an AE or load connected to the wired network port being assessed. The attenuation of the AAN, for common mode emissions originating from the AE, shall be such that the measured level of these emissions at the measuring receiver input is at least 10 dB below the relevant emission limit.
c) The AAN shall meet the longitudinal conversion loss (LCL) requirements stated in Table C.2 from 0,15 MHz to 30 MHz. Actual LCL values to simulate different cables are defined in Table C.2.

ANSI C63.4-2014
Table 2 footnote i:
If a hybrid antenna impedance matching pad (HAIMP) attenuator was used during the site-specific hybrid antenna qualification procedure detailed in Annex N, then an attenuator of the same insertion loss value and the same or greater frequency range of operation shall be used during all final compliance measurements made with that specific hybrid antenna on that specific test site.

ANSI C63.4-2014
Annex N.1 b) 1)
The hybrid antenna shall have a measured VSWR of 2.5:1 or less at all frequencies from 30 MHz to its highest frequency of operation (i.e., to 1 GHz or possibly higher); it is acceptable to satisfy this requirement by the permanent installation of a suitably chosen attenuator (pad) on the antenna RF output port.
ANSI C63.4-2014
American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and
Electronic Equipment in the Range of 9 kHz to 40 GHz

5.2.4.2 LISN connected to the reference ground plane

The site reference ground plane is the ground reference for the LISN. The bond used shall have a dc
resistance of less than or equal to 2.5 mO

ANSI C63.4: 2014
5.2.2
The reference ground plane shall be at least 2 m by 2 m in size, and it shall extend at least 0.5 m beyond the vertical projection of the horizontal perimeter (i.e., footprint) of the EUT or EUT arrangement.

ANSI C63.4 8.1(c)
Continuous azimuth searches shall be made. Where a continuous azimuth search cannot be made, as is the case, for example, where the EUT is so large that a suitable turntable is not readily available, frequency scans of the EUT field strength with both polarizations of the measuring antenna shall be made starting at a minimum of 16 azimuth angles around the EUT, nominally spaced by 22.5°, in characterizing the EUT radio-noise profile. If directional EUT radiation patterns are suspected, especially above 1 GHz, then additional and smaller azimuth angles shall be examined.

ANSI C63.10-2013.
1.3 Measurement uncertainty
The results of measurements of emissions from an unlicensed wireless device shall include measurement instrumentation uncertainty considerations contained in ETSI TR 100 028-2001. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty. However, the measurement uncertainty of the measurement instrumentation and its associated connections between the various instruments in the measurement chain shall be calculated, and both the measurement results and the calculated measurement uncertainty shall appear in the test report.

ANSI C63.27-2021, Clause 8Regardless of the test method used, all coexistence test reports shall include a list of the individual components accounted for in the MU analysis, a value for the combined standard uncertainty of the measurement, and a final expanded uncertainty value (using a minimum coverage factor of k=2).32 These individual components are realized in the uncertainty budget. Uncertainty analyses shall include, where appropriate, both Type A and Type B components.

ISED Checklist Q.10
Does the radiated emission test site(s) meet the site validation requirements of ANSI C63.25.1, of edition as listed here, for the frequency range of 1 GHz to 18 GHz?
ANSI C63.4:2014 Clause 8.2.4
In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test.

ISED Checklist Q.10
Does the radiated emission test site(s) meet the site validation requirements of ANSI C63.25.1, of edition as listed here, for the frequency range of 1 GHz to 18 GHz?

ANSI C63.5-2017
5.1.2 SSM measurement general requirements for frequencies of 30 MHz to 1 GHz
a) Antenna calibrations using SSM for frequencies of 30 MHz to 1 GHz shall use the following measurement geometry:
1) Separation distance R is 10 m

ANSI C63.4-2014:
(7.3.1) Measurements at a test site
b) Adapters or extension cords connected between the EUT power cord plug and the LISN power receptacle shall be included in the LISN setup, such that the calibration of the combined adapter or extension cord with an adapter and the LISN meets the requirements of 5.2.4.

(B.2) LISN impedance limits
Table B.1 through Table B.4 show the ±20% limit values for the LISN impedance at the LISN terminals26 and the +30% / –20% limit values for the LISN impedance when extension cords are used with the LISN, respectively.
ANSI C63.4:2014 Clause 8.2.4
In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test.
ANSI C63.4-2014
American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

4.3 Line impedance stabilization network (LISN)

Table B.1 through Table B.4 show the ± 20% limit values for the LISN impedance at the LISN terminals and the +30% / –20% limit values for the LISN impedance when extension cords are used with the LISN, respectively. Where specific equipment requirements specify another LISN, the specified LISN shall be used.

FCC Checklist Q.23.
Does the radiated emission test site(s) meet the site validation requirements of 5.4 of ANSI C63.4-2014 for the frequency range of 30 MHz to 1 GHz?
ISED Checklist Q.9
Does the radiated emission test site(s) meet the site validation requirements of ANSI C63.4, of edition as listed here, for the frequency range of 30 MHz to 1 GHz?
ANSI C63.10-2013 Clause 15
ANSI C63.10-2013, clause 15.n.5

ANSI C63.4:2014 Clause 8.2.4
In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test.

ISED Checklist Q.10
Does the radiated emission test site(s) meet the site validation requirements of ANSI C63.25.1, of edition as listed here, for the frequency range of 1 GHz to 18 GHz?

ANSI C63.4-2014, clause 8.3.1.1.c
For tabletop systems, cables or wires not bundled in the initial setup shall be manipulated within the range of likely arrangements.

"FCC KDB 853844 Accredited Lab Checklist v02 - #22 and 23
"Does the radiated emission test site(s) meet the site validation requirements of 5.5 of ANSI C63.4-2014 for the frequency range of 1 GHz to 40 GHz?

Does the radiated emission test site(s) meet the site validation requirements of CISPR 16-1-4:2010-04 for the frequency range of 1 GHz to 40 GHz?

ANSI C63.4-2014, clause 2. Normative references
The following referenced documents are indispensable for the application of this document (i.e., they must be understood and used; therefore, each referenced document is cited in text and its relationship to this document is explained). For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments or corrigenda) applies."
ANSI C63.4-2014: 4.7.4
RSS-102.NS.MEAS: 5.6.3.2
FCC Checklist Q.47
Does the measurement report include a sample calculation with all conversion and correction factors used?

ANSI C63.10-2013, clause 15.n.10

ISED Checklist

Q.2

If the test laboratory performs site validation internally, has the testing laboratory been assessed and found to be capable and competent to perform test site validation in accordance with ANSI C63.4 (30 MHz – 1 GHz) and/or ANSI C63.25.1 or CISPR 16-1-4 (1 GHz – 18 GHz) of editions as listed ?

Q.10

Does the radiated emission test site(s) meet the site validation requirements of ANSI C63.25.1, of edition as listed here, for the frequency range of 1 GHz to 18 GHz?

ANSI C63.4: 2014 section 8.3.2

Procedure for bore sighting

Place the measurement antenna
away from each area of the EUT determined to be a source of emissions at the specified measurement
distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of
significant emissions, with polarization oriented for maximum response.

ANSI C63.4-2014, clause 8.3.1.1.c

For tabletop systems, cables or wires not bundled in the initial setup shall be manipulated within the range of likely arrangements.

ANSI C63.4-2014, clause 8.2.4

In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test.

ANSI C63.4: 5.2.4.2.

RSS-102.NS.MEAS: 5.3.5 and 5.3.6;

ANSI C63.4 section 6.3.2.2 Placement of table top EUT's

If the EUT is a stand-alone unit, its center shall be located over the center of the turntable.

ANSI C63.4: 2014 section 8.3.2.2

The antenna must "stay aimed at the emission source for receiving the maximum signal. "

ANSI C63.4:2014 Annex N.1 General

Test site-specific hybrid antenna qualification procedures, limitations, and acceptance criteria. A specific hybrid antenna shall be deemed to be suitable for use I making final compliance radiated emissions measurements…..Condition B

(1) The hybrid antenna shall have a measured VSWR of 2.5:1or less at all frequencies from 30 MHz to its highest frequency of operation. It is acceptable to satisfy this requirement by the permanent installation of a suitably chosen attenuator (pad) onh the antenna RF output port.

(2) The hybrid antenna shall have a measured antenna symmetry of +/- 1 dB…..

ANSI C63.4:2014 Clause 8.2.4

In performing these measurements, the sensitivity
of the complete measurement system relative to
the limit shall be determined before the test.

ANSI C63.4-2014 5.5.1 a) 1)

and

Questions 24 & 25 on the FCC Checklist C216 "Site validation by means of SVSWR measurements: The test site has been shown to comply with the SVSWR requirements specified in 8.3.2 of CISPR 16-1-4:2010-04 over the frequency range of 1 GHz to 18 GHz, when tested in accordance with the site validation procedures requirements specified in 8.3.3 of CISPR 16-1-4:2010-04.

24. Does the radiated emission test site(s) meet the site validation requirements of 5.5 of ANSI C63.4-2014 for the frequency range of 1 GHz to 40 GHz?

25. Does the radiated emission test site(s) meet the site validation requirements of CISPR 16-1-4:2010-04 for the frequency range of 1 GHz to 40 GHz?

ANSI C63.4-2014,
clause 4.2.1
General requirements
Measurement instrumentation used for making radiated and alternating current (ac) power-line conducted radio-noise measurements include those that conform to the specifications contained in either or both of the following documents as appropriate to the frequency range of measurement:
a) ANSI C63.2 (for measurements up to and including 40 GHz)
b) CISPR 16-1-1:2010-11 (for measurements up to and including 18 GHz)

ANSI C63.4-2014, clause 8.2.4
In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test.

C254 – Specific Checklist-ISED Technical Assessor Evaluations (dated 05/19/25), Question 10
Does the radiated emission test site(s) meet the site validation requirements of ANSI C63.25.1 or CISPR 16-1-4 of edition as listed here, for the frequency range of 1 GHz to 18 GHz?
Specify the standard(s) used, including which edition:
- ANSI C63.25.1-2018
- CISPR 16-1-4:2017-01 (ed. 3.2)

C254 – Specific Checklist-ISED Technical Assessor Evaluations (dated 05/19/25), Question 40b
This question only applies when the test site validation is not performed by the testing laboratory and an external party is hired to perform site validation.
Were the test site validation measurements performed correctly, to the correct version of the standard, and the associated test report issued by a third party that is ISO/IEC 17025:2017 accredited for the applicable standard or standards (ANSI C63.4 for 30 MHz – 1 GHz, ANSI C63.25.1 or CISPR 16-1-4 for 1 GHz – 18 GHz) of editions as listed here?

ANSI C63.4: 5.2.4.2. The impedance at the receptacle end of any cable connected to the EUT end of the LISN (as contrasted to the impedance at the LISN terminals given in Figure 1), with the measuring instrument port of the LISN terminated into a 50 O load, shall be within +30% and –20% of the nominal LISN impedance
ANSI C63.4-2014

ANSI C63.4:2014 Clause 8.2.4
In performing these measurements, the sensitivity of the complete measurement system relative to the limit shall be determined before the test.
ANSI C63.4:2014 Annex N
The hybrid antenna shall have a measured VSWR of 2.5:1 or less at all frequencies from
30 MHz to its highest frequency of operation (i.e., to 1 GHz or possibly higher);
The hybrid antenna shall have measured antenna symmetry of ± 1 dB or less at all frequencies from 30 MHz to its highest frequency of operation (i.e., to 1 GHz or possibly higher).
FCC Checklist Q.23
Does the radiated emission test site(s) meet the site validation requirements of 5.4 of ANSI C63.4-2014 for the frequency range of 30 MHz to 1 GHz?
ISED Checklist Q.9
Does the radiated emission test site(s) meet the site validation requirements of ANSI C63.4, of edition as listed here, for the frequency range of 30 MHz to 1 GHz?
ISED Checklist Q.40b
Were the test site validation measurements performed correctly, to the correct version of the standard, and the associated test report issued by a third party that is ISO/IEC 17025:2017 accredited for the applicable standard or standards (ANSI C63.4 for 30 MHz – 1 GHz, ANSI C63.25.1 or CISPR 16-1-4 for 1 GHz – 18 GHz) of editions as listed here?
ISED Checklist Q.10
Does the radiated emission test site(s) meet the site validation requirements of ANSI C63.25.1, of edition as listed here, for the frequency range of 1 GHz to 18 GHz?
ISED Checklist Q.40b
Were the test site validation measurements performed correctly, to the correct version of the standard, and the associated test report issued by a third party that is ISO/IEC 17025:2017 accredited for the applicable standard or standards (ANSI C63.4 for 30 MHz – 1 GHz, ANSI C63.25.1 or CISPR 16-1-4 for 1 GHz – 18 GHz) of editions as listed here?

ANSI C63.4-2014 CL 7.3.1.b) ...Adapters or extension cords connected between the EUT power cord plug and the LISN power receptacle shall be included in the LISN setup, such that the calibration of the combined adapter or extension cord with an adapter and the LISN meets the requirements of 5.2.4.

ANSI C63.4-2014
8.2.3 Electric field radiated emissions (30 MHz to 1 GHz) The specified distance is the distance between the horizontal projection onto the ground plane of the closest periphery of the EUT and the projection onto the ground plane of the center of the axis of the elements of the receiving antenna.

CISPR 32:2015+AMD1:2019 CSV
C.2.2.4 Boundary of the EUT, local AE and associated cabling and measurement distance for radiated emissions measurements The measurement distance is the shortest horizontal distance between an imaginary circular periphery just encompassing this arrangement and the calibration point of the antenna.

ANSI C63.4: 5.2.2
ANSI C63.4: 5.2.4.2
ANSI C63.4 -2014: 5.2.2
ANSI C63.4-2014
7.3.1 b)
ANSI C63.4-2014
Annex N
N.1 b) 4)

ANSI C63.4-2014
7.3.1 b)
7.3 Measurement procedures
7.3.1 Measurements at a test site
b) ... LISN setup, such that the calibration of the combined adapter or extension cord with an adapter and the LISN meets the requirements of 5.2.4
(1) C216 - Specific Checklist - FCC Technical Assessment Evaluation
Note: As of the effective date of the rules (July 13, 2016), test facilities used to make radiated emission measurements from 30 MHz to 1 GHz are required to meet the site validation requirements in ANSI C63.4-2014.

(2) FCC “Normative Test Standards and Acceptable Alternate Procedures”
ANSI C63.25.1 (site validation methods, 1 GHz to 18 GHz): ANSI C63.25.1-2018

clauses 2 and 5.5.1 a) 1)

and

ANSI C63.10-2013,
clauses 2 and 5.2

and

ANSI C63.26-2015,
clause 4.6.1"2. Normative references
The following referenced documents are indispensable for the application of this document (i.e., they must be understood and used; therefore, each referenced document is cited in text and its relationship to this document is explained). For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments or corrigenda) applies.

5.5.1 a) 1) Site validation by means of SVSWR measurements: The test site has been shown to comply with the SVSWR requirements specified in 8.3.2 of CISPR 16-1-4:2010-04 over the frequency range of 1 GHz to 18 GHz, when tested in accordance with the site validation procedures requirements specified in 8.3.3 of CISPR 16-1-4:2010-04.

2. Normative references
The following referenced documents are indispensable for the application of this document (i.e., they must be understood and used, so each referenced document is cited in text and its relationship to this document is explained). For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments or corrigenda) applies.

For measurements from 1 GHz to 40 GHz, the test site shall conform to the site validation criteria called out in CISPR 16-1-4:2010 over the frequency range 1 GHz to 18 GHz. Site validation measurements shall be made at heights that encompass the range of EUT heights to be evaluated.

4.6 Test sites
4.6.1 General

"ANSI C63.4-2014,
clause 4.2.1
"General requirements
Measurement instrumentation used for making radiated and alternating current (ac) power-line conducted radio-noise measurements include those that conform to the specifications contained in either or both of the following documents as appropriate to the frequency range of measurement:
a) ANSI C63.2 (for measurements up to and including 40 GHz)
b) CISPR 16-1-1:2010-11 (for measurements up to and including 18 GHz)
"

"ANSI C63.4-2014, clause 4.7.3 Referencing ANSI C63.5 undated.

See specifically C63.5-2017, clause I.3 a) 3)"ANSI C63.4-2014, clause 4.7.3 Referencing
ANSI C63.5
Antenna calibration
All antennas shall be calibrated in accordance with ANSI C63.5, including antennas used for performing NSA measurements for standard test site validation and alternative test site validation (see 5.4.2) and antennas used for performing SVSWR measurements for test site validation above 1 GHz.

ANSI C63.5-2017, clause I.3 a) 3)
Measurement configuration and setup
a) General—Prior to beginning set-up of the measurement, perform the following steps:
1) Distinguish between transmit antenna and receive antenna. Mark the antennas for subsequent reference.
2) Determine and mark the direction of the elements of each antenna for horizontal and vertical polarization, for example as shown in Figure I.1.
3) The same antenna element setup condition shall be applied for measurements at the ACS and at the site-under-test (SUT)."
ANSI C63.4:2014 Clause 8.2.4
In performing these measurements, the sensitivity
of the complete measurement system relative to
the limit shall be determined before the test.