



Audio Engineering Society Standards Committee

Notice and DRAFT agenda

for the meeting of the SC-02-01 Working Group on digital audio measurement techniques of the SC-02 Subcommittee on Digital Audio

To be held in conjunction with the upcoming AES 152nd Convention.
The meeting is scheduled to take place online, 2022-05.
Please check the latest schedule at: <http://www.aes.org/standards/>

1. Formal notice on patent policy

2. Introduction to working group and attendees

3. Amendments to and approval of agenda

Note that projects where there is no current proposal for revision or amendment, and where there is at least 12 months before any formal review is due, are listed in an annex to this agenda. Please let the chair know if you propose to discuss any projects in this annex.

4. Approval of report of previous meeting, held online, 2021-10.

5. Open Projects

NOTE: One or more of these projects may be in the process of a formal Call for Comment (CFC), as indicated by the project status. In these cases only, due process requires that any comments be published.

AES-X217 Audio ADC test method and performance specification for archiving and preservation applications

SC-02-01

scope: To specify sets of measurement methods and performance criteria to characterize the performance of audio analog-to-digital converters (ADCs) used in archiving and preservation workflows. This standard considers the production of files using the highest-quality ADC devices.

status: Task group of Lacinak, Datta and Dennis revising

<i>intent:</i> Standard	<i>initiated:</i> 2013-08-20	<i>intent</i> 2022 <i>target:</i>
<i>goal:</i> Draft information document		<i>goal target:</i> 2022-09

6. Liaisons

7. New Projects

8. New Business

9. Date of next meeting

These meetings are subject to the rules of the AESSC, including the AES patent policy, published on the AES standards web site.

Please make sure you sign the attendance sheet that will be circulated. This sheet shall be passed to the secretariat after the meeting and will be used to update the membership information for this group.

Please make sure that any documents contributed to the meeting are passed to the secretariat who will ensure they are posted to the appropriate Working Group document site.

Annex to the agenda

The following projects assigned to this group have
no current proposal for revision or amendment,
and no formal review is due to report in less than 12 months.

Please let the chair know if you propose to discuss any projects in this annex.

AES17-R Review of AES17-2020: AES standard method for digital audio equipment - Measurement of digital audio equipment SC-02-01

scope: to provide methods for specifying and verifying the performance of digital audio equipment, and specifically to describe the testing of medium- and high-performance digital audio equipment.

status: Revised to clarify the definition of levels, the units FS and dBFS

<i>intent:</i> Review	<i>initiated:</i> 2020	<i>intent target:</i> 2025
<i>goal:</i> Solicit changes		<i>goal target:</i> Continuing

AES-12id-R Review of AES-12id-2020: AES information document for digital audio measurements - Jitter performance specifications SC-02-01

scope: This information document reviews various ways of characterizing and quantifying jitter, and refines several of them for audio purposes. It also attempts to present a common, unambiguous terminology. Its focus includes wideband jitter, baseband jitter, jitter spectra, period jitter, long-term jitter and jitter signatures. Comments are made on jitter transfer through phase-locked loops and on the jitter susceptibility of audio converters.

status: Revised to eliminate insensitive terms and standardize use of dBc/Hz throughout

<i>intent:</i> Review	<i>initiated:</i> 2020	<i>intent target:</i> 2025
<i>goal:</i> Revised document		<i>goal target:</i> 2025-05

AES-X118 Liaison with ITU-R study group 6C SC-02-01

scope: Liaison with ITU-R Working Party 6C, Measurement aspects

status: No action requested or required

<i>intent:</i> Liaison	<i>initiated:</i> 2001-03	<i>intent target:</i> Continuing
<i>goal:</i> Status report		<i>goal target:</i> Continuing

AES-R7 Standards project report - Considerations for accurate peak metering of digital audio signals (r2018) SC-02-01

scope: To report considerations relating to the indication of peak audio signal levels in order to avoid overloading digital media, and to propose a recommended practice. The project does not address issues of subjective loudness; nor does it consider measurements of volume or peak programme level as defined in IEC 60268-17 and 60268-10

status: Revised with editorial changes

<i>intent:</i> Review	<i>initiated:</i> 2013	<i>intent target:</i> Continuing
<i>goal:</i> Status Report		<i>goal target:</i> 2023

End of annex to agenda

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