ATSC Recommended Practice: A/85:2013 Corrigendum No. 1, SPL

Doc. A/85:2013 Corr. No. 1
11 February 2021

Advanced Television Systems Committee
1776 K Street, N.W.
Washington, D.C. 20006
202-872-9160

The Advanced Television Systems Committee, Inc., is an international, non-profit organization developing voluntary standards and recommended practices for digital television. ATSC member organizations represent the broadcast, broadcast equipment, motion picture, consumer electronics, computer, cable, satellite, and semiconductor industries. ATSC also develops digital television implementation strategies and supports educational activities on ATSC standards. ATSC was formed in 1983 by the member organizations of the Joint Committee on Inter-society Coordination (JCIC): the Electronic Industries Association (EIA), the Institute of Electrical and Electronic Engineers (IEEE), the National Association of Broadcasters (NAB), the National Cable Telecommunications Association (NCTA), and the Society of Motion Picture and Television Engineers (SMPTE). For more information visit www.atsc.org.

Note: The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights. By publication of this standard, no position is taken with respect to the validity of this claim or of any patent rights in connection therewith. One or more patent holders have, however, filed a statement regarding the terms on which such patent holder(s) may be willing to grant a license under these rights to individuals or entities desiring to obtain such a license. Details may be obtained from the ATSC Secretary and the patent holder.

Implementers with feedback, comments, or potential bug reports relating to this document may contact ATSC at https://www.atsc.org/feedback/.

Revision History

Version	Date
Corrigendum approved	11 February 2021

ATSC Recommended Practice: A/85:2013 Corrigendum No. 1, SPL

1. OVERVIEW

1.1 Definition

A Corrigendum is generated to correct an error or ambiguity in an ATSC document introduced either in drafting or publication of the document that could lead to incorrect or unsafe application of the document. Correction of a technical defect shall in no way cause a change in functionality. Corrigenda shall be published as attachments to the original ATSC document. Distribution by ATSC of existing documents shall include any approved Corrigenda.

1.2 Scope

This document identifies changes needed to the SPL values for headphone listening in tables 10.2 and D1 to correct typographical errors in the original document. These changes do not impact commercial advertising loudness as addressed in A/85 and referenced by FCC rules.

1.3 Rationale for Changes

The changes described in this document are being proposed because the values that were originally entered in the table are not correct due to a typographical error and require replacement with the correct values.

2. LIST OF CHANGES

Change instructions are given below in *italics*. Unless otherwise noted, inserted text, tables, and drawings are shown in blue; deletions of existing text are shown in ~~red strikeout~~. The text "[ref]" indicates that a cross reference to a cited referenced document should be inserted.

2.1 Change Instructions

Table 10.2, Column SPL in dB re 20 µN/m2, change 20 µN/m2 to 20 µN/m^2

Table 10.2, Category V, Column SPL in dB re 20 µN/m2, change value 74 dB to 76 dB

Table 10.2 Reference Sound Pressure Level

Categories	Room Volume in Cubic Feet	SPL in dB re 20 µN/m~~2~~ 2
I, II	> 20,000	85*
	10,000 < 19,999	82
	5,000 < 9,999	80
	1,500 < 4,999	78
	< 1,499	76
III	Depends on room usage. For editing purposes, may be controlled by the editor for use with the material at hand. For final program mixing, follow the recommendations for categories I, II above.	
IV	< 1,500	76
V		Use 2 cc coupler and set 440 Hz level to ~~74~~ 76 dB.
* Per SMPTE RP 200 [6]		

Table D.1 Category V, Column SPL in dB re 20 µN/m², change value 78 dB to 76 dB.

Table D.1 Reference Sound Pressure Level

Categories	**Room Volume in Cubic Feet**	**SPL in dB re 20 µN/m²**
I, II (Mix rooms)	> 20,000	85*
	10,000 < 19,999	82
	5,000 < 9,999	80
	1,500 < 4,999	78
	< 1,499	76
III (Edit rooms sometimes used for mixing)	Depends on room usage. For editing purposes, may be controlled by the editor for use with the material at hand. For final program mixing, follow the recommendations for categories I, II above.	
IV (Booths, vans)	< 1,500	76
V (Headphones)	Use 2 cc. Coupler and set 400 Hz level to ~~78~~ 76 dB.	
* Per SMPTE RP 200 [6]		

– End of Document –