



**ATSC**

ADVANCED TELEVISION  
SYSTEMS COMMITTEE

# **ATSC Standard: A/360:2022-05 Amendment No. 1, “Remove Reference to CTA 2053”**

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Doc. A/360 Amend. No. 1  
14 November 2022

**Advanced Television Systems Committee**  
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*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.

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### Revision History

Version	Date
Amendment approved	14 November 2022

# ATSC Standard: A/360:2022-05 Amendment No. 1, “Remove Reference to CTA 2053”

## 1. OVERVIEW

### 1.1 Definition

An Amendment is generated to document an enhancement, an addition or a deletion of functionality to previously agreed technical provisions in an existing ATSC document. Amendments shall be published as attachments to the original ATSC document. Distribution by ATSC of existing documents shall include any approved Amendments.

### 1.2 Scope

This document describes edits to remove reference to CTA 2053, a standard withdrawn by its developer.

### 1.3 Rationale for Changes

The changes described in this document are being proposed because A/360 should not reference an unavailable document.

### 1.4 Compatibility Considerations

The changes described in this document are backward-compatible relative to the currently published version of the standard to which this Amendment pertains and any previously approved Amendments for that standard. The references to CTA-2053 are informative and removal causes no compatibility issues.

## 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 Normative References

None.

### 2.2 Informative References

*Strike reference [29] as shown, and renumber references [30] through [31]. Renumber [30]→[29] and [31]→[30] throughout the body of the document.*

~~[29] CTA: “CTA 2053. Receiver Specifications for ATSC 2.0 Security,” ANSI/CTA-2053, Consumer Technology Association, Arlington, VA, August 2015.~~

[3029] ATSC: “ATSC Standard: Companion Device,” Doc. A/338:2022-03, Advanced Television System Committee, Washington, DC, 31 March 2022.

[3130] CA/Browser Forum: “Baseline Requirements for the Issuance and Management of PubliclyTrusted Certificates,” Version 1.5.9, CA/Browser Forum, 14 June 2018.  
<http://cabforum.org/baseline-requirements-documents>

## 2.3 Acronyms and Abbreviations

None.

## 2.4 Terms

None.

## 2.5 Change Instructions

*In Section 5.1.1.5, modify the last paragraph as shown:*

The ATSC 3.0 client is expected to verify the Certificate Status message provided by the server as specified in RFC 6066 [19] Section 8. A client uses the OCSP Response data that it receives to verify that the certificates that authenticate server connections are valid at the time the connection is established. ~~See CTA 2053 [29].~~

*In Section 5.4, modify the first paragraph as shown:*

### 5.4 ATSC 3.0 Client Certificate Storage

~~See CTA 2053 [29], which describes secure storage of certificates, and the mechanism(s) for modifying certificates used by client devices.~~

Clients provide secure storage for the following set of certificates:

- The set of trusted root certificates
- The set of trusted signing certificate authority certificates
- The set of trusted OCSP responder certificates

Certificates are changed over time, either by client device code download or by other means.

*In Section 5.5.2, modify the last paragraph as shown:*

A client uses the OCSP Response data that it receives to verify that the certificates that authenticate the application signing authority are valid at the time the application is signed. See ~~CTA 2053 [29]~~RFC 6960 [21].

– End of Document –