



**Qualcomm Incorporated**  
5775 Morehouse Drive, San Diego, CA 92121  
[www.qualcomm.com](http://www.qualcomm.com)

December 22, 2021

Via Email

Attn: Madeleine Noland  
ATSC  
1750 K Street NW Suite 1200  
WASHINGTON, DC 20006

Re: QUALCOMM Incorporated's IPR Declaration of December 22, 2021 for A/331, A/336 and A/341

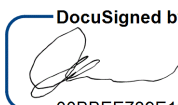
Dear Ms. Noland,

Enclosed please find Qualcomm Incorporated's IPR Disclosure Statement and Licensing Declaration for these specs:

A/331: Signaling, Delivery, Synchronization, and Error Protection (finalized on 6 December 2017)  
A/336: Content Recovery in Redistribution Scenarios  
A/341: Video Standard (H.265, Scalable HEVC with HDR)

Please confirm receipt of this declaration at your earliest convenience via email to [ip.disclosure@qualcomm.com](mailto:ip.disclosure@qualcomm.com). If you have any questions or concerns, please contact me directly at 858-587-1121. Thank you for your time and assistance with this matter.

Sincerely,

DocuSigned by:  
  
00BBEE739E1246B...  
Jonathan Velasco  
Sr. Dir, Legal Counsel  
Qualcomm Incorporated

Cc: Amy Lodes [alodes@atsc.org](mailto:alodes@atsc.org)

Enclosures: Disclosure Statement and Licensing Declaration Form  
Patent lists

JV/ml

# ATSC

## Disclosure Statement and Licensing Declaration

*This declaration does not represent an implied license grant*

**Please return to:**

President  
ATSC  
1750 K Street NW  
Suite 1200  
Washington, DC 20006  
202-872-9160 – Office  
202-872-9161 - Fax

**Discloser:**

**Name of Participant:** QUALCOMM Incorporated

**Contact Information for**

**Participant's Representative:** Jonathan Velasco, Sr. Dir, Legal Counsel

**Name of Representative:** Jonathan Velasco, Sr. Dir, Legal Counsel

**Address:** 5775 Morehouse Drive, San Diego, CA 92121

**Tel. No.:** 858-587-1121

**Fax:** 858-658-2503

**Email:** ip.disclosure@qualcomm.com

**URL (optional):** www.qualcomm.com

**Identification of ATSC Specification Document relevant to the Disclosure Statement:**

**Number:**

**Title:** A/331: Signaling, Delivery, Synchronization, and Error Protection (finalized on 6 December 2017)

A/336: Content Recovery in Redistribution Scenarios

A/341: Video Standard (H.265, Scalable HEVC with HDR)

## Licensing Declaration

If the Discloser is the holder of a patent and/or pending patent application that is the subject of **an Essential Claim, i.e., the use of which it believes would be required to implement the** identified ATSC Specification Document, the Discloser hereby declares, in accordance with the Statement on ATSC Patent Policy (see ATSC website), that (check one box only).

a. The Discloser agrees to make a license to the Essential Claim available without compensation upon request to all applicants for the purpose of implementing the Specification Document, which license may be conditioned upon license reciprocity with respect to the same Specification Document. Negotiations are left to the parties concerned and are performed outside of ATSC.

Mark here  if the Discloser's willingness to license is conditioned on reciprocity for the above ATSC Standard.

b. The Discloser agrees to make a license to the Essential Claim available upon request under reasonable and nondiscriminatory terms and conditions to all applicants for the purpose of implementing the Specification Document, which conditions may include license reciprocity with respect to the same Specification Document. Negotiations are left to the parties concerned and are performed outside of ATSC.

Mark here  if the Discloser's willingness to license is conditioned on reciprocity for the above ATSC Standard.

c. The Discloser will not make a license to the Essential Claim under reasonable and nondiscriminatory terms and conditions to applicants for the purpose of implementing the Specification Document.

**Without Compensation:** The phrase "without compensation" does not mean that the Discloser is waiving all of its rights with respect to each patent or patent application that is the subject matter of the Essential Claim. Rather, "without compensation" refers to the issue of monetary **compensation; i.e., that the Discloser will not seek any monetary compensation as part of the** licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Discloser in this situation is committing to not charging any monetary amount, the Discloser is still entitled to require that the implementer of the ATSC Specification Document sign a license agreement that contains other reasonable terms and conditions such as **those relating to governing law, field of use, reciprocity, warranties, etc.**

**Reciprocity:** As used herein, the word "reciprocity" means that the Discloser shall only be required to license any prospective licensee under the stated terms (without compensation or under reasonable and nondiscriminatory terms and conditions) if such prospective licensee will commit to license its patent(s) or patent application(s) forming the subject matter of an Essential Claim under similar (without compensation or under reasonable and nondiscriminatory) terms and conditions.

In accordance with Sections 3 and 4 of the ATSC Patent Policy, if the Discloser has made a licensing declaration under paragraph (c) above, please provide the following information.

- an identification of each patent or patent application that is the subject matter of the Essential Claim;
- 
- an identification of specific section(s) or text of the Specification Document that are relevant to the Essential Claim; and
- an identification of each patent or patent application claim covering the Specification Document.

This information is informal in nature and does not constitute a legal opinion, but should be based on "good faith and belief" of the Discloser. Information provided in this section does not represent a formal "notice" that implementation of any resulting ATSC Standard or Recommended Practice would infringe any patent or patent application for the Essential Claim.


Completed By:

Name of Participant: QUALCOMM Incorporated

Name of Representative: Jonathan Velasco

Title of Representative: Sr. Dir, Legal Counsel

Signature:

DocuSigned by:  
  
00BBEE739E1246B...

Place, Date: San Diego, CA, December 22, 2021

**Disclosure of Patents \_\_\_\_\_ for A/331: Signaling, Delivery, Synchronization, and Error Protection (finalized on 6 December 2017)**

In accordance with Sections 3 and 4 of the ATSC Patent Policy, please identify each patent or patent application forming the subject matter of any Potential Claim of which any Representative of the Discloser who is active in an ATSC technology group or specialist group has actual personal knowledge. The Discloser, in good faith, believes that the Potential Claim may be relevant to the implementation of the Specification Document identified by this Disclosure Statement.

<b>No</b>	<b>Patent/Application</b>	<b>Country</b>	<b>Patent/Application Holder</b>	<b>Status [granted/pending]</b>
1	7,139,960	United States	QUALCOMM Incorporated	GRANTED
2	7,418,651	United States	QUALCOMM Incorporated	GRANTED
3	9,419,749	United States	QUALCOMM Incorporated	GRANTED
4	EP1980041	European Patent Convention	QUALCOMM Incorporated	GRANTED
5	7,068,729	United States	QUALCOMM Incorporated	GRANTED
6	9,246,633	United States	QUALCOMM Incorporated	GRANTED
7	7,956,772	United States	QUALCOMM Incorporated	GRANTED
8	6,856,263	United States	QUALCOMM Incorporated	GRANTED
9	9,240,810	United States	QUALCOMM Incorporated	GRANTED
10	6,909,383	United States	QUALCOMM Incorporated	GRANTED
11	7,649,829	United States	QUALCOMM Incorporated	GRANTED
12	8,185,809	United States	QUALCOMM Incorporated	GRANTED

**Disclosure of Patents** for A/336: Content Recovery in Redistribution Scenarios

In accordance with Sections 3 and 4 of the ATSC Patent Policy, please identify each patent or patent application forming the subject matter of any Potential Claim of which any Representative of the Discloser who is active in an ATSC technology group or specialist group has actual personal knowledge. The Discloser, in good faith, believes that the Potential Claim may be relevant to the implementation of the Specification Document identified by this Disclosure Statement.

No	Patent/Application	Country	Patent/Application Holder	Status [granted/pending]
1	10,779,057	United States	QUALCOMM Incorporated	GRANTED

**Disclosure of Patents for A/341: Video Standard (H.265, Scalable HEVC with HDR)**

In accordance with Sections 3 and 4 of the ATSC Patent Policy, please identify each patent or patent application forming the subject matter of any Potential Claim of which any Representative of the Discloser who is active in an ATSC technology group or specialist group has actual personal knowledge. The Discloser, in good faith, believes that the Potential Claim may be relevant to the implementation of the Specification Document identified by this Disclosure Statement.

No	Patent/Application	Country	Patent/Application Holder	Status [granted/pending]
1	10,812,820	United States	QUALCOMM Incorporated	GRANTED
2	10,979,729	United States	QUALCOMM Incorporated	GRANTED

**Certificate Of Completion**

Envelope Id: 6843B11013FC46AA893D9A261B3A352D	Status: Completed
Subject: Please DocuSign: ATSC_2021-12-22_A331_A341_A336_PatentPolicyForm.docx, ATSC_2021-12-22_A331_IPD...	
Source Envelope:	
Document Pages: 7	Signatures: 2
Certificate Pages: 1	Initials: 0
AutoNav: Enabled	Envelope Originator:
Envelope Stamping: Enabled	Min Lee
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	PO BOX 919042
	San Diego, CA 92191
	minlee@qualcomm.com
	IP Address: 75.85.185.8

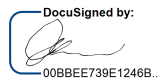
**Record Tracking**

Status: Original	Holder: Min Lee	Location: DocuSign
12/22/2021 9:46:05 AM	minlee@qualcomm.com	

**Signer Events**

Jonathan Velasco  
 jonv@qualcomm.com  
 Sr. Director, Legal Counsel  
 QUALCOMM Incorporated  
 Security Level: Email, Account Authentication (None)

**Signature**



Signature Adoption: Uploaded Signature Image  
 Using IP Address: 68.7.224.253  
 Signed using mobile

**Timestamp**

Sent: 12/22/2021 9:48:15 AM  
 Viewed: 12/22/2021 11:43:32 AM  
 Signed: 12/22/2021 3:41:58 PM

**Electronic Record and Signature Disclosure:**  
 Not Offered via DocuSign

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Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	12/22/2021 9:48:15 AM
Certified Delivered	Security Checked	12/22/2021 11:43:32 AM
Signing Complete	Security Checked	12/22/2021 3:41:58 PM
Completed	Security Checked	12/22/2021 3:41:58 PM
Payment Events	Status	Timestamps