



QUALCOMM Incorporated

5775 Morehouse Drive  
San Diego, CA 92121-1714  
(858) 651-6732

[www.qualcomm.com](http://www.qualcomm.com)

August 31, 2010

Via Email and Federal Express

President  
ATSC  
1750 K Street NW  
Washington, D.C. 20006

Re: QUALCOMM Incorporated's IPR Declaration of August 31, 2010 for ATSC Specification, A/153: Part 3 and Part 7, Mobile/Handheld Digital Television Standard

Dear Sir,

Enclosed please find Qualcomm Incorporated's IPR Disclosure Statement and Licensing Declaration for ATSC Specification, A/153: Part 3 and Part 7, Mobile/Handheld Digital Television Standard.

Please confirm receipt of this declaration at your earliest convenience via email to [trouse@qualcomm.com](mailto:trouse@qualcomm.com). If you have any questions or concerns, please contact me directly at 858-651-6732. Thank you for your time and assistance with this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "TRR", with a long horizontal flourish extending to the right.

Thomas R. Rouse  
VP, QTL Patent Counsel  
Qualcomm Incorporated

TR/jm

# 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:** Thomas R. Rouse, VP, QTL Patent Counsel

**Name of Representative:** Thomas R. Rouse, VP, QTL Patent Counsel

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

**Tel. No.:** 858-651-6732

**Fax:** 858-658-2503

**Email:** [trouse@qualcomm.com](mailto:trouse@qualcomm.com)

**URL (optional):** [www.qualcomm.com](http://www.qualcomm.com)

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

**Number:** A/153: Part 7

**Title:** Mobile/Handheld Digital Television Standard

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: Thomas R. Rouse

Title of Representative: VP, QTL Patent Counsel

Signature: 

Place, Date: San Diego, CA August 31, 2010

**Disclosure of Patents** \_\_\_\_\_

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 No.	Country	Patent/Application Holder	Status [granted/pending]
1	2004223383	Australia	QUALCOMM Incorporated	Pending
	2520098	Canada	QUALCOMM Incorporated	Pending
	200480014320.7	China	QUALCOMM Incorporated	Pending
	EP1606953	European Patent	QUALCOMM Incorporated	Granted
	1606953	Finland	QUALCOMM Incorporated	Granted
	1606953	France	QUALCOMM Incorporated	Granted
	1606953	Germany (Federal Republic of)	QUALCOMM Incorporated	Granted
	06108344.0	Hong Kong	QUALCOMM Incorporated	Pending
	228173	India	QUALCOMM Incorporated	Granted
	171024	Israel	QUALCOMM Incorporated	Pending
	1606953	Italy	QUALCOMM Incorporated	Granted
	2006-507516	Japan	QUALCOMM Incorporated	Pending
	10-967322	Korea Republic of (KR)	QUALCOMM Incorporated	Granted
	256862	Mexico	QUALCOMM Incorporated	Granted
	1606953	Spain	QUALCOMM Incorporated	Granted
	1606953	Sweden	QUALCOMM Incorporated	Granted
	093107924	Taiwan	QUALCOMM Incorporated	Pending
	1606953	United Kingdom	QUALCOMM Incorporated	Granted
	7,643,558	United States of America	QUALCOMM Incorporated	Granted

# 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:** Thomas R. Rouse, VP, QTL Patent Counsel

**Name of Representative:** Thomas R. Rouse, VP, QTL Patent Counsel

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

**Tel. No.:** 858-651-6732

**Fax:** 858-658-2503

**Email:** [trouse@qualcomm.com](mailto:trouse@qualcomm.com)

**URL (optional):** [www.qualcomm.com](http://www.qualcomm.com)

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

**Number:** A/153: Part 3

**Title:** Mobile/Handheld Digital Television Standard

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: Thomas R. Rouse

Title of Representative: VP, QTL Patent Counsel

Signature:  \_\_\_\_\_

Place, Date: San Diego, CA August 31, 2010



**Disclosure of Patents** \_\_\_\_\_

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 No.	Country	Patent/Application Holder	Status [granted/pending]
1	12/433,845	United States of America	QUALCOMM Incorporated	Pending
	PCT/US2009/042618	Patent Cooperation Treaty	QUALCOMM Incorporated	Pending
	098114736	Taiwan	QUALCOMM Incorporated	Pending