



ATSC Patent Portfolio License Briefing*

V02/13/18

*This presentation is for information purposes only. Actual license agreements will provide the only definitive and reliable statement of license terms.

Objective

- A license for the convenience of users enabling them to acquire patent rights necessary for the ATSC Standard from multiple patent owners in a single transaction as an alternative to negotiating separate licenses

Coverage

- Each patent is essential to the ATSC standard as defined in the ATSC Patent Portfolio License
- Patent holders submit patents for evaluation of their essentiality by independent patent experts
- Worldwide coverage including essential counterparts
- Licensors include all essential ATSC patents
- Copies of ATSC standard specifications developed and published by the Advanced Television Systems Committee are available at www.atsc.org/standards.html

Coverage

- Attachment 1 to the License is a list of patents updated quarterly to add new essential ATSC patents
 - See www.mpegla.com (Current Pools, ATSC, Patent List)
- New Licensors and essential patents may be added at no additional royalty during the current term, and coverage is provided for the entire term of license
- The ATSC License does not provide coverage for essential MPEG-2 patents. A separate joint license for MPEG-2 patents is available from MPEG LA at www.mpegla.com (Current Pools, MPEG-2, Agreement).

Current Patent Owners

Essential Patent Holders currently include:

- Cisco Technology, Inc.*
- JVC KENWOOD Corporation*
- Koninklijke Philips N.V.*
- LG Electronics Inc.
- Mitsubishi Electric Corporation
- Panasonic Corporation
- The Trustees of Columbia University in the City of New York*
- Vientos Alisios Co., Ltd.
- Zenith Electronics LLC

ATSC License Sublicense Category

ATSC Receiver Products

- **ATSC Receiver Products capable of demodulating and decoding an over-the-air, RF terrestrial broadcast signal in compliance with the ATSC Standard**

ATSC License Terms: ATSC Receiver Products

- **\$5.00 per ATSC Receiver Product from January 1, 1998 through December 31, 2016 (coverage from December 24, 1996)**
- **\$1.50 per ATSC Receiver Product from January 1, 2017 – December 31, 2020**
- **\$1.00 per ATSC Receiver Product from January 1, 2021 forward**
- **Alternatively, Licensees may elect, with written notice to MPEG LA, a further reduced royalty of \$1.00 per ATSC Receiver Product from the later of January 1, 2017 or the receipt of such notice with 30-day right of termination on or after January 1, 2021**
- **Royalty paid includes right to make, have made, sell, offer for sale, import, and for an End User to use ATSC Receiver Product**

Other Important Provisions

- **Most Favorable royalty rates clause**
- **Licensee data is protected as confidential**
- **Grant-back on essential patents similar in scope to license grants**
- **No marking requirements**