**4K/8K Cable TV Retransmission Technology Demonstrated at the Cable Tech Show**

For two days on July 20 and 21, a cable TV transmission system for retransmitting 4K/8K Super Hi-Vision satellite broadcasting signals was demonstrated at Cable Tech Show 2017 held in the Tokyo International Forum. The Cable Tech Show is a comprehensive exhibition of all the latest developments in cable-TV-related technology, and over 11,000 attendees came to check out the 4K/8K cable TV broadcasting technology and disaster management and mitigation services that were on display.

Science & Technology Research Laboratories (STRL) developed and is now pushing the standardization of a channel bonding technology capable of retransmitting 4K/8K satellite broadcasting signals sent over multiple channels using conventional cable TV transmission equipment. Attendees could observe 4K/8K trial broadcast signals sent using the new scheme via cable to a compact receiver developed to evaluate the signals in collaboration with KDDI Corporation, Jupiter Telecommunications Co., Ltd, and Japan Digital Serve Corporation. We should have a set-top box ready in the next year for cable TV reception that incorporates this new transmission scheme.

We will continue to work with relevant stakeholders to quickly move this technology—retransmission of 4K/8K satellite broadcasting via cable TV networks—out of the laboratory and into the marketplace.

NHK booth (left), and compact receiver developed to evaluate transmitted signals (right).