

NOVELSAT Introduces Two New PCIe-based Satellite Broadcast Cards for OEM Integration

New NOVELSAT NS10C Satellite Modulator Card and NS20C Satellite Demodulator Card support DVB-S, DVB-S2, DVB-S2X and NOVELSAT NS4 for easy integration into any OEM PC-based broadcast applications.

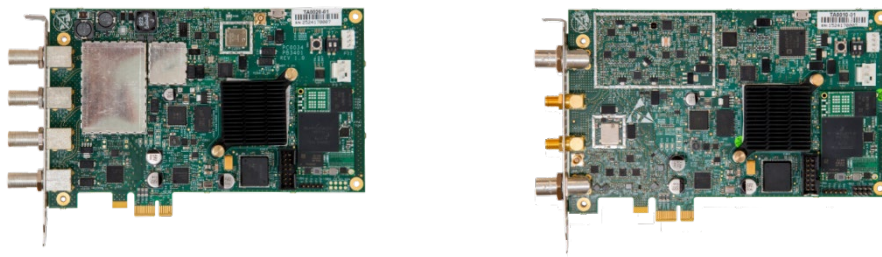
Ra'anana, Israel, September 13, 2017 – NOVELSAT, a world leader in satellite transmission technology, today announced availability of the new PCIe-based NOVELSAT NS10C Satellite Modulator Card and NS20C Satellite Demodulator Card. Designed to meet the demands of any broadcast application, the new cards from NOVELSAT support all satellite transmission standards, including DVB-S/S2/S2X, DVB-CID and NOVELSAT NS4, as well as the NOVELSAT DRM (Digital Rights Management) license.

NOVELSAT NS10C & NS20C Satellite Modulator and Demodulator Cards

The NS10C and NS20C PCIe OEM cards are designed for easy integration into any PC-based satellite broadcast platform for Cable, DTH and OTT live delivery of SD, HD and Ultra HD content. They are ideal for both terrestrial and space-side OEM satellite broadcast applications including mobile flyaways and SNGs.

The space saving PCIe form factor helps to reduce power consumption and maintenance – important when going mobile with SNGs and flyaways. The NS10C and NS20C enable broadcasters to build all-in-one distribution solutions by integrating a modulator into an encoder, convert a decoder into an IRD by adding a demodulator, enhance transcoders, multiplexers, statmuxes, packagers and origin servers.

In addition, the NS10C and NS20C add versatility to every mobile satellite operator (SNG, Flyaway etc.) who can now support, on-the-fly, any satellite transmission standard (DVB-S/S2/S2X and NS4) used by varied broadcasters.



When equipped with the optional NOVELSAT NS4 waveform, the NS10C/NS20C cards support high data rates of up to 425Mbps using 80Msps, enabling transmission of a single carrier over an entire 84MHz transponder. NOVELSAT NS4 delivers satellite bandwidth savings of up to 45% compared with DVB-S2 and 21% vs. DVB-S2X. The NS20C also packs ground breaking signal processing methods such as an adaptive equalizer and error correction techniques that enable the receiver to be more resilient to impairments.

“Our new PCIe-based satellite modulator and demodulator cards give NOVELSAT and other satellite broadcast solution providers extensive flexibility to develop new multi-function platforms that take advantage of NOVELSAT’s unmatched bandwidth efficiency,” said Itzik Wulkan, NOVELSAT CEO. “In fact, we are already creating in-house products and have already started working industry partners to develop new high-performance broadcast applications with multiple built-in satellite modulators and demodulators.”

NOVELSAT will be showing the NS10C and NS20C satellite modulator and demodulator cards for the first time at IBC 2017 in Amsterdam, September 15-19 in Hall 3, booth A27.

About NOVELSAT

NOVELSAT is a leading provider of next-generation content connectivity solutions. Powered by innovative technologies, our broadcast and broadband solutions are transforming networks’ capabilities to expand growth potential and to drive new experiences on any device, anytime, anywhere. Our high-performance products for satellite and terrestrial content connectivity include integrated video solutions and highly efficient broadband connectivity solutions, as well as best-in-industry content security solutions. Transforming delivery of data and video with new levels of performance, efficiency, agility, and security, NOVELSAT empowers mission-critical and demanding applications for the telecom, enterprise, media, entertainment, government, and mobility markets. For more information visit www.NOVELSAT.com