First North-American Dual Mode GPS & Galileo Receiver Demonstrated

NovAtel (Canada) announced that it has demonstrated the performance of a dual mode GPS and Galileo L1/E5A dual frequency prototype receiver to the Canadian Space Agency (CSA), developed under a contract awarded in September 2004. These receivers will be ready to accept signals from the first Galileo satellites scheduled to launch later this year or in early 2006.

NovAtel is developing two sets of L1/E5A engineering receivers and L1/E5A transmitters for the CSA for use with Galileo satellites. The receiver is being integrated into a modified version of NovAtel's WAS-GII system, which also includes the Euro-3M L1/L2 dual frequency GPS receiver. The signal generator is based on a previous design built for the new U.S. Wide Area Augmentation System (WAAS) uplink system.