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Nova Engineering Advances Flight Test Telemetry

Cincinnati, OH, November 1, 2005 –To continue its lead in advanced flight test instrumentation, Nova successfully demonstrated several unique forthcoming products and presented a technical paper at the annual International Telemetry Conference (ITC) in Las Vegas. ITC is the primary forum of the International Foundation for Telemetry and is the only nationwide annual conference dedicated to the subject of telemetry for major test and training ranges as well as commercial aircraft evaluation.

Nova Engineering demonstrated the Hypermod MMD35 Demodulator/Bit Synchronizer, which builds upon the experience and success of the ground breaking, full featured Hypermod MMD44: the world's first multimode, multi-symbol demodulator for flight test telemetry. The Hypermod demodulator family uniquely provides legacy waveform users a 3 dB detection efficiency improvement, increased bandwidth efficiency with advanced waveforms, and enhanced link margin capabilities with Forward Error Correction (FEC).

Nova added to its line of ground-breaking telemetry transmitters by showing a new compact, high output power advanced waveform device. The Hypermod MMT28-6 provides 10 watts at S-band in a rugged but tiny 6 cubic inch package. Nova's multi-mode flight test telemetry transmitter product line takes full advantage of the latest waveforms, while providing compatibility with legacy systems and extending link margin. The ruggedized, compact design is ideal for missile, UAV or aircraft downlink telemetry.

Having won best paper awards several times in the past, Nova Engineering is considered by many to be a leader in the field. Several advanced concepts and projects were presented by Nova Engineering at the show including networked telemetry, best source selection, and UAV video links. Prime among these were networked telemetry as the company presented its finding in the Hypernet project and hardware development. Of further note regarding networked telemetry, or also known as TM over IP, is Nova's

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participation in the integrated Network Enhanced Telemetry (iNET) program lead by Boeing Phantom Works. iNET is an effort to reengineer telemetry to meet the challenge of testing the next generation of weapon systems using sophisticated networking systems.

ABOUT NOVA ENGINEERING

Nova Engineering, located in Cincinnati, Ohio, is an employee-owned company specializing in the design and development of leading-edge digital communications and signal processing systems. Since 1989, Nova Engineering has successfully deployed systems for a wide variety of customers, including all branches of the U.S. Military and many government agencies, as well as a host of Fortune 500 companies.

For further information about Hypermod, contact Michael Rauf at 513-642-3174 or mrauf@nova-eng.com. Information is also available at www.nova-eng.com.

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