

PRESS RELEASE
FOR IMMEDIATE RELEASE

Micro-Coax Adds Multipaction Test Capability

Pottstown, PA - June 23, 2006: Micro-Coax announces that they have successfully induced and measured multipactor breakdown in their new, high vacuum test station. Multipaction is a voltage breakdown phenomenon that occurs at very high vacuum levels, most notably in outer space. Multipaction breakdown can cause system failures in satellite communication systems. If left unchecked, multipaction can lead to ionization breakdown and permanent, unreparable hardware damage. Therefore, validating component designs as multipaction-resistant in a simulated application environment has become a vital step toward risk mitigation.



Micro-Coax first measured multipaction in May, 2006. The test was conducted with 2000 watts of pulsed RF power at a frequency of 1-2 GHz. Computer control of the pressure, radio frequency (RF) power and frequency ramps allow automated testing over longer simulation periods and a wide range of RF conditions.

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About Micro-Coax:

Micro-Coax is a leading provider of transmission line solutions for radio frequency (RF) and microwave applications. Serving the defense, satellite, telecommunications, test and measurement markets for more than forty years, Micro-Coax has earned a reputation for mission performance and excellent customer service. A broad technology base allows Micro-Coax to quickly respond to customer needs with optimized solutions of coaxial cables, connectors, harness assemblies and conductive fibers.

For further information:

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