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July 2003 Press Release

For immediate release

Marki Microwave designs unique 4-Lag Correlator for ASI AA

Morgan Hill, CA 7/22/03 - [Marki Microwave, Inc.](#), premier supplier of microwave mixers and mixer-based components for commercial and military markets, received its first order from Academia Sinica, Institute of Astronomy & Astrophysics (ASIAA), for 4-Lag Correlator modules for use on the AMiBA Project. The modules, designed in collaboration with ASIAA, will be used in instrumentation for measuring the Sunyaev-Zeldovich effects and the Polarization of the cosmic microwave background. AMiBA (Array for Microwave Background Anisotropy) consists of an interferometric array mounted on a steerable platform. Prototypes are currently being tested on Mauna Loa, Hawaii, and expected completion date is early 2004.

Marki Microwave, Inc. is the premier manufacturer of microwave mixers worldwide, offering the industry's most comprehensive line of signal processing products up to 65 GHz. Marki's extensive product line includes mixers, doublers, multipliers, and specialty components ranging from amplifiers to DC blocks and bias tees. Marki Microwave employs precision assembly using both solder and wire bonding techniques. Test facilities include state-of-the-art equipment for measurement from DC to 65 GHz. All assembly, inspection, and testing is done onsite to assure uniformity and repeatability of performance. Marki Microwave is certified to ISO 9001:2000.

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