



PRESS RELEASE

Paris, Monday, February 14, 2011

Keywords: HIGH TECHNOLOGY / NEW PRODUCT / TELECOMMUNICATIONS / BROADBAND

**The MICROWAVE VISION (NYSE-Euronext : ALMIC) Group,
manufacturer of high-performance telecom test systems,
presents StarMIMO, a new solution for testing wireless
broadband devices**

Press Invitation!

**Attend a product demonstration and meet the management team.
Starting March 7th at Villebon (91 – RER B Massy Palaiseau)**

▪ MICROWAVE VISION'S product offering was expanded last year to include a solution for MIMO, the new technology being adopted by all high-speed protocols. ▪ A debut model is now operational at the office in Villebon.

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Broadband test solutions

The MICROWAVE VISION Group, primarily French, achieved an enviable international position with its unique, patented multi-probe technology that is dedicated to measuring high-performance antennas. The Group's technology is already developed into a range of test solutions for systems of all sizes and in all sectors using communication products: telecommunications, multimedia, aerospace, automotive, civilian, military, etc.

MICROWAVE VISION is launching a new generation of measurement devices dedicated to 4G (LTE, WiMAX), the newest mobile broadband standard. These devices (smartphone, laptop, tablet, etc.) include MIMO technology that relies on multiple antennas at both the transmitter (e.g., a router) and the receiver (e.g., a laptop) sites, to increase throughput or network coverage.

A strategic concern for mobile handset manufacturers

With MIMO wireless devices, manufacturers are faced with a new level of complexity in antenna development and testing. MIMO technology requires that antennas are tested in multiple configurations and multiple environments (urban, rural, domestic, etc.) This presents a real challenge. A fast, flexible test solution becomes a major asset in the design and pre-launch testing phases of development.

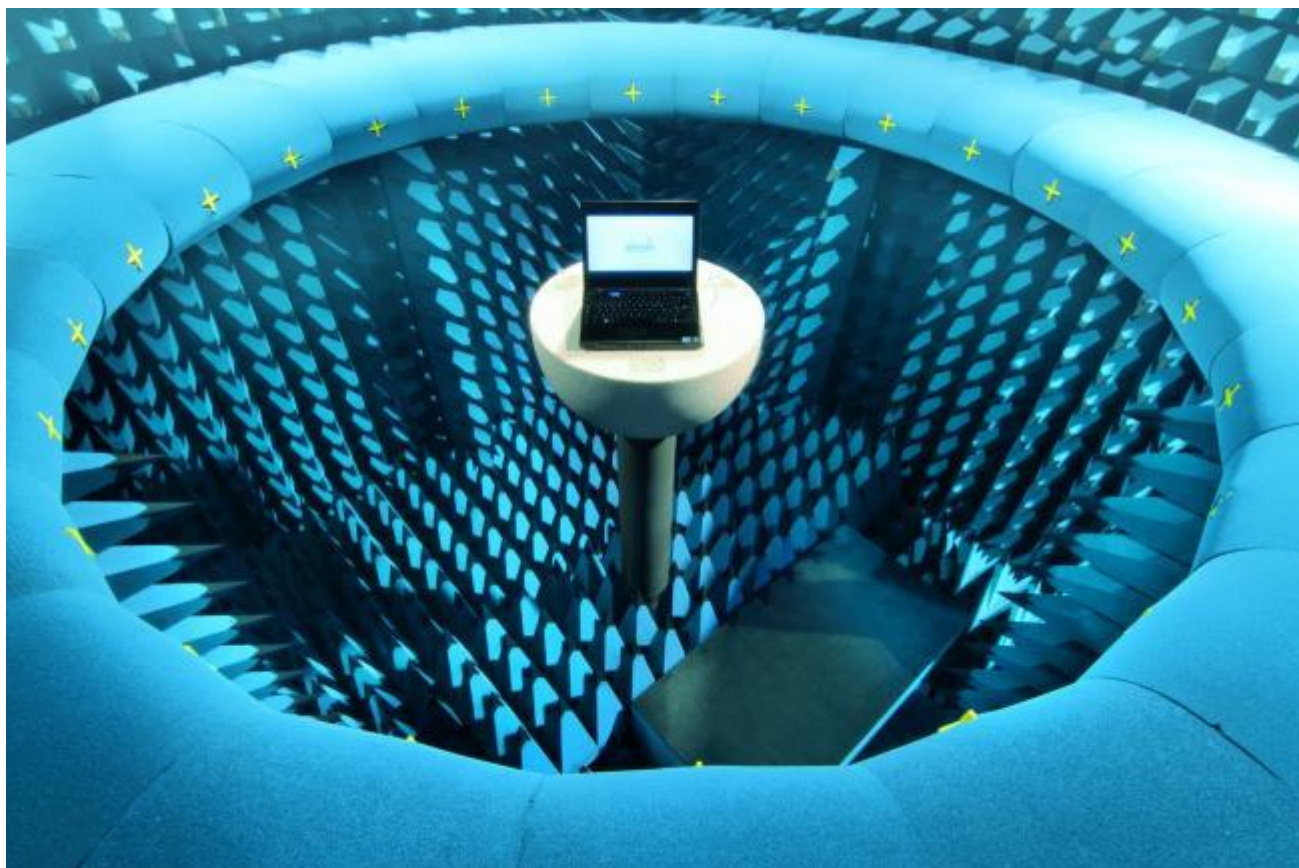
Remarkable design

For years, MICROWAVE VISION delivered blue and yellow arches sized from smaller than one meter to larger than twelve meters in diameter to industrial customers. They have been used to test products of much larger or smaller size, from smartphones to airplanes!

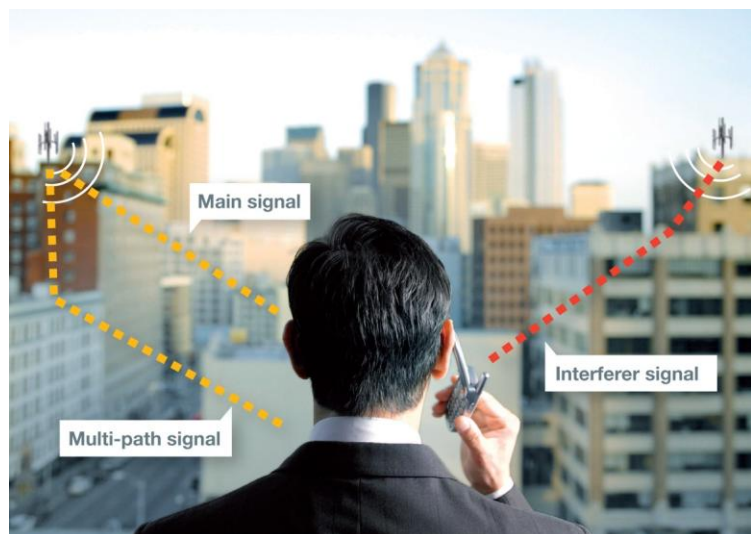
The new MIMO solution creates fully-immersive electromagnetic environments for wireless devices. In the near future, a simulated battlefield environment for military device testing is also planned. True to its political aims, MICROWAVE VISION offers a range of solutions for MIMO measurement.

"MICROWAVE VISION's goal is to offer high-performance antenna measurement systems, and we are presented with a unique opportunity to propose high-speed testing solutions that will become increasingly critical to the telecom industry." says Philippe Garreau, President, MICROWAVE VISION.

With this step, MICROWAVE VISION demonstrates its technological leadership and dedication to innovation. Already, several companies have expressed interest in this new solution. The debut model is available.



StarMIMO-H horizontal arch dedicated to MIMO testing



In real RF environments, data throughput suffered from multi-path propagation

StarMIMO setup simulates real RF environments in an anechoic chamber to test MIMO devices

A few words on MIMO technology. MIMO is at the forefront of future mobile broadband technologies. It improves equipment performance, which currently experiences problems related to network saturation and environmental waves and disturbances. These problems reduce transmission quality and affect the network's flow and coverage.

Literally Multiple-Input Multiple-Output, MIMO is a [technology](#) used by [wireless networks](#) to allow data transfers at a longer range and higher speed. While a standard [Wi-Fi](#) connection uses a single antenna at the transmit and receive sites, the addition of MIMO technology allows for multiple antennas. MIMO is already used in Wi-Fi standards ([IEEE_802.11n](#)), [WiMAX](#) ([IEEE_802.11n](#)), [HSPA+](#) and [LTE](#).

Resources:

- Photos:
 - 1/ http://www.microwavevision.com/sites/www.microwavevision.com/files/images/StarMIMO_image.jpg
 - 2/ http://www.microwavevision.com/sites/www.microwavevision.com/files/images/electromagnetic_environment_1.jpg
 - 3/ http://www.microwavevision.com/sites/www.microwavevision.com/files/images/electromagnetic_environment_2.jpg
- Product brochure: <http://www.satimo.com/content/products/starmimo-h>
- Website: <http://www.satimo.com/content/mimo-testing-solutions>

About MICROWAVE VISION:

MICROWAVE VISION (NYSE-Euronext: ALMIC) is a leading global manufacturer of test systems and antenna measurement in the fields of Radio Communications, Automotive, Defense and Aerospace. With the integration of ORBIT/FR, Inc. (OTC Bulletin Board: ORFR), a U.S. company acquired in May 2008, the Group was able to develop an innovative market offer. It combines precision electronic scanners developed by SATIMO Industries under its "microwave vision" technology" with ORBIT/FR's high performance electromechanical positioners and scanners. MICROWAVE VISION is located in 8 countries - France, Italy, Germany, Sweden, USA, Israel, China, and Japan, and has 240 employees. The group has a loyal clientele of many international companies. It achieved € 34.8 million in revenue in its fiscal year ended December 31, 2009. MICROWAVE VISION benefits from its certification as an OSEO "Innovative Company."

Alternext, ISIN code FR 0004058949 <http://www.microwavevision.com>