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PRESS ALERT

MVG launches EMC Dual Ridge Horn Antenna for Electro-magnetic Interference (EMI) testing

The Microwave Vision Group ([MVG](#)) has used its expertise and experience in antenna design to develop a new innovating line of antennas for the Electro-magnetic Compatibility (EMC) testing market, more specifically for Electro-magnetic Interference (EMI) testing. These antennas enable more accurate test results and allow detection of lower level emissions.

The new line of EMC Antennas will include a biconical antenna, a log-periodic array, a log/biconical hybrid, and several dual-ridge horns to cover various frequency bands from 20 MHz to 40 GHz applicable to various EMC product standards. Additionally, MVG will add a rod antenna and a loop antenna to cover EMI testing from 9 kHz to 40 GHz.

The first product of this line is the **EH118**, a dual-ridge horn antenna that will operate from 1-18 GHz. This antenna offers superior performance. It has a balanced, smooth antenna factor curve that extends all the way to 18 GHz, a reduction of higher order modes on the aperture and low return loss (VSWR). The EH118 is applicable for commercial, military and automotive test standards and will include applicable calibrations.



Amongst the main features of the EMC dual ridge horn antenna are:

- single linear polarization
- smooth/balanced gain with frequency
- low return loss / VSWR
- ultrawide bandwidth (18:1)

Its unique design prevents the excitation of unwanted high order modes in the aperture. It has a well-defined smooth radiation pattern throughout the operational bandwidth and a robust and lightweight mechanical design. It is also precision-machined and has a high reliability N coaxial connector.

MVG will demo this new product line as well as its latest family of [absorbers](#) (Hyper-Loss™ Ultra Hybrid Absorbers) at the [EMC Europe 2016 symposium](#) taking place at the main campus of Wroclaw University of Technology (WrUT) in Poland on September 5-9, 2016.

If you would like more info about this new product line and/or are planning to attend the EMC Europe symposium, do not hesitate to contact us.

Connect with us

Should you wish to tweet please use #MVG #EMC

Press contact:

To request an interview or if you require any high resolution images, product datasheet or indeed need anything else press related, please contact us at mvgfrance@teamlewis.com

About MICROWAVE VISION

Since its creation in 1986, The Microwave Vision Group (MVG) has developed a unique expertise in the visualization of electromagnetic waves. These waves are at the heart of our daily lives: Smartphones, computers, tablets, cars, yachts, trains and planes -- all these devices and vehicles would not work without them. Year after year, the Group develops and markets systems that allow for the visualization of these waves, while evaluating the characteristics of antennas, and helping speed up the development of products using microwave frequencies. The Group's mission is to extend this unique technology to all sectors where it will bring strong added value. Since 2012, MVG is structured around 4 departments: AMS (Antenna Measurement Systems), EMC (Electro-Magnetic Compatibility), EIC (Environmental & Industrial Control), NSH (National Security & Healthcare) and more recently introducing NeptuLink_{by MVG} which provides 4G communications while at sea. MVG is present in 10 countries, and generates 90% of sales from exports. The Group has over 350 employees and a loyal customer base of international companies. The Group generated revenues of € 56.7 million in 2014. MVG has received the BPI "Innovative Enterprise" certification, and is eligible for PEA-PME.

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