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FOR IMMEDIATE RELEASE

Kingston, UK - 2nd June 2025

EECL debuts suite of plug-and-Play RF & Microwave testing tools from DC-85GHz at International Microwave Symposium (IMS) 2025

Expansion into North America marks a major milestone for UK-Based RF Precision engineering company

European Engineering Consultancy Ltd (EECL), a precision engineering company with deep expertise in developing bespoke RF and microwave subsystems for space and industry, is showcasing its portfolio of turnkey RF and microwave test and measurement products at **IMS 2025** for the very first time. The flagship event for the RF and microwave industry will take place at the Moscone Center in San Francisco, CA from 15–20 June 2025, and EECL can be found on **Booth 154**. This first appearance in the North American market marks a significant step in the company's ongoing global growth strategy.

Featured products on display include:

Miniaturized RF Switch Matrix
A compact, USB- and Ethernet-controlled full cross-bar switch matrix with up to 96 switches, supporting frequencies from 16 kHz to 40 GHz. Ideally suited for automated, high-throughput RF testing, the provides 100 dB isolation, oven stabilisation, and centralised control of analysers, signal generators and power supplies to name but a few.

Dual-Channel Up/Down Frequency Converters
Independently controlled channels supporting conversion up to 85 GHz, enabling scalable, cost-efficient pass/fail testing and lab exploration. These modules seamlessly expand existing test equipment capabilities, empowering RF teams to operate at higher frequencies without needing an infrastructure overhaul.

SMU-04103 Source Measurement Unit
A high-performance SMU for semiconductor analysis, battery simulation, and RF

biasing. Optimised for low-power IoT technologies, it supports fast pulse measurements, accurate current profiling, and power cycling, meeting the performance needs of modern device development.

"We're delighted to be participating in this world-class event and showcasing our range of advanced products," explains Ben Kieniewicz, CEO of EECL. *" As a company we're on a mission is to provide accessible and affordable engineering solutions that drive technological advancement and help our clients achieve success"*

EECL's out of the box test and measurement tools have been developed from the ground up to meet the rigorous requirements for a vast range of use cases where fast pulse measurements, power cycling, and accurate current profiling are critical performance factors. Applications include IoT device development, battery testing, semiconductor manufacturing, military-grade product validation, aerospace systems, and academic research.

The company has a proven track record of delivering mission-critical solutions to world-renowned organisations with demanding test requirements, ranging from space payloads to industrial automated test systems. Notable projects have included the development of bespoke technology for European Space Agency (ESA), Surrey Satellite Technology Ltd (SSTL), the University of Surrey's Institute for Communication Systems, as well as GNSS receiver technology for SpaceX's Falcon 9 program. With its transition from custom build aerospace and defence projects to commercial, ready-to-deploy products, EECL is well-positioned to meet the increasing demand for flexible, scalable, and cost-effective RF and microwave test solutions to companies in the US and beyond.

Visit EECL at IMS 2025 on **Booth 154**, June 17-19, 2025.