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MTI Wireless Edge Ltd
("MTI" or the "Group")

Trial order from TIER 1 supplier for 5G antenna innovation

MTI Wireless Edge Ltd (AIM: MWE), the technology group focused on comprehensive communication and radio frequency solutions across multiple sectors, is pleased to announce that its Antenna division has received a trial order, from a TIER 1 OEM vendor, for its new automatic beam steering ("ABS") antenna solution as part of the Company's 5G solution.

The global wireless backhaul market is dominated by seven key OEM vendors. Some of the seven are considered Tier-1 and some are Tier-2, all of them supply radio equipment to the main cellular network operators to support the roll-out of 5G infrastructure. With this order, MTI now works with five out of the seven leading OEM vendors and this is the first order from a TIER 1 OEM vendor for the ABS antenna solution.

MTI's main product for the 5G market is a 80 GHz ABS antenna solution allowing the cellular operator to increase backhaul capacity and link distance to enable the delivery of the faster, higher bandwidth, services. However, antenna beams in higher frequencies, such as E Band, are narrower and are very sensitive to mast or antenna movements. In response, MTI has developed the ABS antenna solution, which ensures the antenna automatically adapts to any small movements or vibrations caused by different climate conditions, including wind or temperature, and maintains a stable signal even during difficult conditions.

The order from the TIER 1 OEM vendor is a trial order to enable it to carry out its own tests on the ABS antenna solution which currently works in MTI's test range. If successful, this will be an important technical development, potentially moving MTI's total 5G solution up the value chain.

MTI's CEO, Moni Borovitz, commented: "While it is early days for the ABS antenna solution, it is an exciting development which has the potential to materially expand our 5G offering. The fact we have already attracted the interest of a new TIER 1 customer, shows in my view, the potential importance of the product."

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About MTI Wireless Edge Ltd. ("MTI")

Headquartered in Israel, MTI is a technology group focused on comprehensive communication and radio frequency solutions across multiple sectors through three core divisions:

Antenna Division

MTI is a world leader in the design, development and production of high quality, state-of-the-art, and cost-effective antenna solutions including Smart Antennas, MIMO Antennas and Dual Polarity Antennas for wireless applications. MTI supplies antennas for both military and commercial markets from 100 KHz to 174 GHz.

Internationally recognized as a producer of commercial off-the-Shelf and custom-developed antenna solutions in a broad frequency range, MTI addresses both commercial and military applications.

MTI supplies directional and omnidirectional antennas for outdoor and indoor deployments, including smart antennas for 5G backhaul, Broadband access, public safety, RFID, base station and terminals for the utility market.

Military applications include a wide range of broadband, tactical and specialized communication antennas, antenna systems and DF arrays installed on numerous airborne, ground and naval, including submarine, platforms worldwide..

Water Control & Management Division

Via its subsidiary, Mottech Water Solutions Ltd ("Mottech"), MTI provides high-end remote control solutions for water and irrigation applications based on Motorola's IRRInet state-of-the-art control, monitoring and communication technologies.

As Motorola's global prime-distributor Mottech serves its customers worldwide through its international subsidiaries and a global network of local distributors and representatives. With over 25 years of experience in providing customers with irrigation remote control and management, Mottech's solutions ensure constant, reliable and accurate water usage, increase crops quality and yield, while reducing operational and maintenance costs providing fast ROI while helping sustain the environment. Mottech's activities are focused in the market segments of agriculture, water distribution, municipal and commercial landscape as well as wastewater and storm-water reuse.

Distribution & Professional Consulting Services Division

Via its subsidiary, MTI Summit Electronics Ltd., MTI offers consulting, representation and marketing services to foreign companies in the field of RF and Microwave solutions and applications including engineering services (including design and integration) in the field of aerostat systems and the ongoing operation of Platform subsystems, SIGINT, RADAR, communication and observation systems which is performed by the Company. It also specializes in the development, manufacture and integration of communication systems and advanced monitoring and control systems for the Government and defence industry market.

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