

TX RX Systems Launches New Dual Branch Diversity Tower Top Amplifier System for Motorola Solutions

Angola, NY, June 2, 2022 – For close to 30 years, TX RX and tower top amplifier (TTA) systems have been synonymous in the land mobile radio (LMR) market. This has been due to TX RX’s exceptional quality and value, as well as its customer-focused, can-do attitude.

In that regard, TX RX Systems, Inc. is excited to announce the release of the 442 dual branch diversity TTA System for Motorola Solutions, Inc.

The 442 dual branch diversity system, along with the 440 non-diversity system (released in 2020), is designed to enhance the performance of base radios, thus ensuring reliable communications for critical Public Safety applications. Compared to previous models, the 442 and 440 systems increase receiver sensitivity significantly. This improves wide-area coverage and marginal in-building penetration, and it helps correct the imbalance between mobile and hand-held radio users.

The 442 dual branch diversity system consists of one control unit/deck that is installed in the equipment shelter and two TTAs mechanically combined into one unit and mounted close to the antenna.

Per Minfei Leng, President of TX RX Systems, “We are excited to release the 442 dual branch diversity TTA system. This system, as well as our 440 non-diversity system, exceeds Motorola’s specifications. Given its reliability, redundancy, and rich feature set, the new model will considerably simplify system installation and maintenance, while improving operation and radio coverage. We greatly appreciate Motorola’s partnership in this endeavor.”

About TX RX -- TX RX Systems is the premier provider of standard and custom RF conditioning solutions for the LMR market. Solutions include tower top amplifiers, transmit combiners, receiver multicouplers, filters, antennas, RF components, remote monitoring, and field services. In 2018 TX RX joined forces with Combilent, a leading RF conditioning product supplier based in Denmark. Together, we offer a deep and broad solution portfolio for both the OEM and Field Engineering markets worldwide.

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