

NORTHWEST EMC, INC.

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Dear Application Examiner:

On behalf of Tripod Data Systems, Inc., Northwest EMC, Inc. is submitting this application for the certification of Tripod's USI radio module, FCC ID: S9E-RNGR80BT. It is an 802.11b / Bluetooth combo radio operating in the 2.4 GHz band. The radio module is installed in Tripod's Ranger X Series handheld computer and is seeking limited modular approval for that mobile host configuration.

Ranger X handheld computer will also contain a second radio module (Cirronet) that is currently seeking limited modular approval under FCC ID: S9E-RNGR2410. It is a 2.4 GHz frequency hopping spread spectrum radio.

All radios in the Ranger X can transmit simultaneously – each radio through its own antenna.

The USI radio utilizes two identical chip antennas that are integral to the printed circuit board. One antenna is used for the 802.11b portion, and the other antenna is used for the Bluetooth portion. This configuration satisfies the requirements of 47 CFR 15.203.

The USI radio was previously certified under FCC ID: IXMWM-BB-AG-01. This new application for certification is required for the co-located exposure condition in Tripod's Ranger X handheld. However, all the antenna direct connect test data from the previous certification continues to be representative, and is used in support of this application. New radiated spurious emissions data and AC powerline conducted emissions data was taken for Tripod's Ranger X configuration and is documented in the Northwest EMC test report.

The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247 as a Digital Transmission System (DTS) transmitter.

Your efforts in reviewing this application are greatly appreciated.

Best regards,

Northwest EMC, Inc.