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Federal Communications Commission  
Authorization and Evaluation Division

#### SYSTEM DESCRIPTION M5800S-FSU-D2

FCC ID: NCYM5800SFSUD2

The M5800S-FSU-D2 subscriber unit (SU) is a wireless point to point digital spread spectrum data transceiver which, when setup in a cell having at least one access point (AP), functions as a wireless MAC layer Ethernet access solution. Each SU communicates with a unique AP using 5.8 GHz spread spectrum technology. The SU accepts full or half duplex Ethernet IEEE 802.3 data packets from a 10/100BaseT port, breaks the packets into smaller packets, and transmits them at 11 Mbit/sec rate over the air. The unit only transmits packets when given a grant to do so by the AP. The SU utilizes a dish antenna to achieve long range and a narrow radio beamwidth or an internal antenna. The RF power level is controlled by the AP and will be reduced automatically when the SU is near the AP unit.

Sincerely,

*Achim Soelter*

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Trango Systems, Inc.