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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

Achim Soelter
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