NEC Corporation of America

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NEC Corporation
RCSD
2616 Towerview Rd.
Herndon, VA 20171

To Whom It May Concern:

"The NEC NLite L 5.8 GHz RADIOS MUST BE PROFESSIONALLY INSTALLED AND ARE THERFORE EXEMPT FROM THE ANTENNA RESTRICTIONS (FCC PART 15.203)."

The preceding statement is in reference to the installation of the NLite L 5.8 GHz radios (MDP-50MB6T-2C/D and TRP-6G-6AA) and the parabolic antenna used during testing. The NLite L 5.8 GHz radios must be professionally installed, therefore they are exempt from the antenna restriction provisions listed under FCC Part 15.203.

The NLite L 5.8 GHz radios use QAM modulated signals and it is to be certified for operation under Part 15.247 of the FCC regulations. The NLite L 5.8 GHz radio is designed to operate in a point-to-point communications link using the 5.725-5.850Ghz band. The radio will provide a traffic capacity of 1xOC3 using 128 QAM modulation. The NLite L 5.8 GHz radios are not designed to be installed of used by general public, the installation requirements are such that consumers or business persons do not have the technical skills to properly install and commission the NLite L radio.

The NLite 5.8 GHz radio will be sold by NEC and it's salespersons or authorized agents only, and will be installed by trained professional personnel.

The NLite L 5.8 GHz radios will be used for fixed Point to Point applications. The NLite L radio utilizes a parabolic antenna that requires professional installers for path alignment.

The maximum RF transmit power of the NLite L 5.8 GHz radios is less than 0.3162 watts (+25 dbm). The technician can set the output power to value of +5.0 dBm to +25.0 dBm during installation. The method of adjusting the output power is described in Section III of the installation manual. The NLite L 5.8 GHz radio is sold without antennas and supporting hardware.

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