

May 11, 2009

RE: NP4-5098-500_ATCB007467

Attention: Timothy R. Johnson

The following is the Dataradio COR Ltd. Response to ATCB comments on FCC ID: NP4-5098-500_ATCB007467 dated April 29, 2009.

- 1) The RF exposure information was fixed for typos.
- 2) Calibration information for the test equipment has been added to the test report.
- 3) Tests were redone on allowed frequencies for both Part 90 and Part 101.
- 4) The device is not intended or will be marketed to be used in the 900 SMR band (896-901MHz and 935-940 MHz). The device does not receive or transmit on the frequencies 896-901 MHz.
- 5) The use of 3.30 and 3.55 kHz bandwidths are only allowed under Part 90.
- 6) This typo has been fixed.
- 7) New masks have been added to the test report with a narrower span. The spectrum analyzer used will display "Limit Failed" when the waveform passes the limit and nothing when it passes.
- 8) The device is professionally installed and the software is password protected. Only authorized service/maintenance personnel will have access to the software.
- 9) Same as #8.
- 10) Wider span masks have been added to the test report along with the reference to an unmodulated carrier.
- 11) The device is professionally installed and the software is password protected. Only authorized service/maintenance personnel will have access to the software to operate the device.

The device has LEDs that indicate when the device is powered up and when the transmitter is radiating.

The transmitter can be disabled or enabled with the web pages. Also, the transmitter only turns on when there is data present at the LAN or Com ports. When there is no data present, the transmitter is off.

Grounding or shorting control lines to the device will not present any data to the unit and therefore the transmitter will not radiate.

- 12) The device transmits data in packets of maximum length of 1500 bytes. At the lowest speed of 4Kbps, the maximum time the transmitter is on would be 3 seconds $[(1500 \text{ bytes} * 8 \text{ bits}) / 4000 \text{ bits per second}]$. The transmitter turns off after each packet is sent.
- 13) New masks have been added to the test report.
- 14) RSS-119 section 5.13 applies to the bands 764-770 MHz and 794-800 MHz and does not apply to NP4-5098-500 which operates from 928-960 MHz.

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