Intermec

A UNOVA Company

Intermec
Technologies Corporation
6001 36th Ave W MS270
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February 8, 1999

Dear Mr. Czumak,

Intermec Technologies Corporation would like to explain the compliance of our Model T2455 with Proxim Model 6307 transceiver with the requirements set out for modular approval of the transceiver.

- **RF shielding of transceiver**

As you can see in Proxim Inc.'s application (FCC ID: IMKRL26307M), the transceiver complies with this requirement by implementing two separate shields over the RF circuitry.

- **Buffered data**

As you can see in Proxim Inc.'s application (FCC ID: IMKRL26307M), the transceiver complies with this requirement through its firmware.

- **Unique antenna connector**

The transceiver utilizes a unique connector as described in Proxim application. In our Model T2455, an internal cable provides connection to an external connector custom designed for Intermec Technologies, making it impossible for users to replace the 1.0 dBi gain dipole antenna attached to the product.

- **Emissions of the transceiver**

As you can see in the test report section of Proxim Inc.'s application (FCC ID: IMKRL26307M), the transceiver complies with this requirement.

- **Power supply regulation**

As you can see in Proxim Inc.'s application (FCC ID: IMKRL26307M), the power amplifier of the transceiver has power supply regulation. Proxim has demonstrated through extreme conditions testing that their transceiver will shut down or be permanently damaged before it can transmit higher output power.
In addition our Model T2455 provides regulated 5V power to the transceiver, satisfying the regulation requirement.

- **Labeling**

Intermec Technologies will not market the transceiver module as a module. It will be integrated fully into host devices such T2455. The existing label of Model T2455 on the back of the product will be modified to say:
"Contains Tx 6307 FCC ID: IMKRL26307M"

- **RF exposure requirements**

In Model T2455,a vehicle mount data collection terminal, the transceiver's output power will be approximately 330 mW (continuous). This setting cannot be changed by the users. In addition the host device Model T2455 utilizes a 1.0 dBi gain antenna, that is at least 15 cm away from the user's hand in normal use.
Our discussions in the past with Mr. Kwok regarding this type of product had resulted in the requirement for RF exposure being a warning statement in the user documentation cautioning the user be 10 cm away from the antenna while the transmitter is in use. We plan to place this warning statement in our user documentation (see attached document).

Please feel free to contact us, if you have any questions regarding these issues.
Sincerely,

Kursat Eroglu, MSEE
Sr. EMC Engineer