

Date: February 27, 2008



Telecommunication Certification Body Federal Communications Commission Certification Body Industry Canada, Certification and Engineering Bureau

Subject: Modulation Limitations Bluetooth Module BTM4

To whom it may concern,

The BTM4 modules integrated within Intermec devices cannot use Bluetooth EDR modulations $\pi/4$ -DQPSK or 8DPSK due to Intermec system design. The system data rate maximum is 115.2 k baud. The Bluetooth UART hardware baud rate of 115.2 k and virtual machine software interface to the host or peripheral keeps data transfers well below the 1 to 3 megabit rate needed for EDR to function.

Therefore the BTM4 will only transmit data at the BluetoothTM defined "basic data rate" DH1, DH3 and DH5 using GFSK modulation.

Please contact me by telephone at (319) 846-2415 or by e-mail (Dave.Fry@Intermec.com) if there are questions or additional information needed concerning this request.

Sincerely,

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