



**Sirit Technologies Inc.**  
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January 20, 2012

Nemko Canada Inc  
303 River Road  
Ottawa, Ontario, Canada  
K1V 1H2

Attn: Director of Certification

Re: IDentity 6204 Part 90 Transceiver Tuning Procedure

We believe it is not necessary to produce a separate tuning procedure document for Part 90 operation of the IDentity 6204 (ID 6204) RFID Transceiver for the following reasons:

- The maximum antenna port transmitter RF power is limited under factory installed software to 2 W (33 dBm) for the Title 21 protocol & is currently limited to 2W (33 dBm) for all other modulated protocols. The user can only lower the maximum modulated transmitter power. No increase beyond the limits stated above is permitted. The RF output power is adjustable in 0.1 dB steps to 1 mW (0 dBm), with a practical lower limit of 10 mW (10 dBm).
- The antenna gain and RF cable loss parameters are factory set to limit the total system radiated power to 30 Watts ERP when the antenna and RF cable is provided by Sirit. When the reader is professionally installed these parameters are user adjustable. The ID6204 User's Guide contains a cautionary note instructing the professional installer on how to verify compliance with the 30 W (ERP) limit based on the antenna gain and RF cable loss. The installer must also declare the operational ERP of the reader system for the FCC or Industry Canada Site License. Sirit application engineers are available to assist with the reader configuration, if needed, through our customer support operation.
- The ISO 18000-6C (C1G2) baseband transmitter data rate is user selectable for 40, 80 or 160 kbps. The factory installed software limits the operating frequency for the C1G2 protocol to 902.75 through 903.25 MHz and 911.2 through 920.45 MHz. The transceiver has been certified to be compliant with all Part 90 requirements when operating within this frequency range with the worst case (highest occupied bandwidth) baseband data rate of 160 kbps.
- The factory installed software limits the Title 21 protocol's operating frequency range to 911.7 through 919.95 MHz. The user is not permitted to adjust the operating frequency for this protocol outside of this range. The transceiver has



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been certified to be compliant with all Part 90 requirements when operating within this frequency range.

- The factory installed software limits the PS111 protocol's operating frequency range to 914.25 through 915.75 MHz. The user is not permitted to adjust the operating frequency for this protocol outside of this range. The transceiver has been certified to be compliant with all Part 90 requirements when operating within this frequency range.

Sincerely,

David Missimer  
VP of Engineering, Sirit