

Correspondence Summary

December 18, 2008

SUBJECT: INVENGO INFORMATION TECHNOLOGY CO., LTD. - FCC ID:
TQ4YWGIT-R5678904

TCB question:

1. Part 15.203: Your reply indicates that the device uses SMA-N? SMA and N type connectors are not considered unique. The FCC requires a unique coupling between antenna, coaxial cable, and transmitter. Please explain. Alternatively, the applicant could show that the device satisfies the FCC's Professional Installation requirements. Please have the applicant provide a justification letter with the following information:

- To qualify for professional installation, the applicant must explain why the hardware cannot simply be purchased and installed by the average (technically inclined) person

1) Marketing

- The device cannot be sold retail, to the general public, or by mail order. It must be sold to dealers.

2) Requires professional installation;

- installation must be controlled.

- installed by licensed professionals (EUT sold to dealer who hires installers)

- installation requires special training (special programming, access to keypad, field strength measurements made)

- What is unique, sophisticated, complex, or specialized about your equipment which REQUIRES it to be installed by a professional installer?

3) Application

-The intended use is generally not for the general public. It is generally for industry/commercial use.

Applicant's Answer:

The device doesn't use SMA connector, it uses a special type of inverse N-KFD-3 connector.

The used connector for the device isn't a standard jack, it only has been made to order by the applicant for the device.

So, it complies with FCC part 15.203 requirement.

TCB question:

1. Please explain whether this reader sends modulated signals to tags. The Operational description appears to indicate that the modulation is ASK. The

definition of a frequency hopping spread spectrum (FHSS) system in Section 2.1 requires that the carrier of a frequency hopping system be modulated with coded information. The reader must be able to write to, and read information from, the passive tag.

Applicant's Answer:

--Yes, the reader use modulation is ASK. It can write to, and read information. But only write to information use special software.

TCB question:

2. Section 15.247(a)(1) requires the transmit bandwidth to match the receiver bandwidth. The reader transmit bandwidth must match the reader receiver bandwidth and so the uplink and downlink bandwidths have to be the same. Please explain if this is true for this RFID Reader.

Applicant's Answer:

--Yes, the RFID Reader TX bandwidth match the RX bandwidth.

TIMCO ENGINEERING INC.
849 NW State Road 45
Newberry, Florida 32669
<http://www.timcoengr.com>
888.472.2424 F 352.472.2030
tei@timcoengr.com