



ROGERS LABS, INC.

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April 24, 2008

Timco Engineering Inc.
849 NW State Road 45
Newberry, FL 32669

Applicant: Tekk International Inc.
10601 NW Ambassador DR. Suite G
Kansas City MO 64153
Equipment: FCC ID: U59XU-1000
FCC Rules: Part 90 and 95

Hello. Please find copy of the request and response below.

Copy of requested information:

Based upon our review of this application we have the following questions:

1. RF exposure:

1. 1.1 If we apply the current KDB publication #447498, The power threshold for SAR exemption is calculated based on the July 2002 exclusion list as follows:

It is based on a separation distance of <2.5cm (body-worn) and Occupational use.
 $P = 375/f$, where f is the mid-band operating frequency in GHz. $P = 375/0.455 = 824\text{mW}$, which multiplied by 2 to account for a P.T.T. operating duty cycle factor of 50%, gives a threshold of 1.648Watt. The output power for this device is 2W, which is greater than the power threshold, and as a result, this device would require SAR evaluation to qualify to TCB approval.

OR

2. 1.2 If we apply the future (Effective May 15, 08) KDB publication #447498 during this transition period (April 15-May 15), the threshold for SAR exemption is calculated based on the separation distance provided by the supplied body-worn accessory.
- - For Occupational use and a separation of $\geq 1.5\text{cm}$, the time-averaged output power is 1Watt. This device has a time-averaged power of 1Watt based on a P.T.T operating duty cycle of 50%. In this case, SAR would not be required.

Response

1. The belt clip design maintains the radio at least 1.5 cm at least 2.0 cm antenna separation distances from the body. Please proceed utilizing provisions offered during the transition period.
Should you require any further information, please contact the undersigned.

Thank you for your consideration in this matter.

Sincerely,

Scot Rogers
Rogers Labs, Inc.
Enclosures