



# **Retlif Testing Laboratories**

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May 1, 2006

Elite Electronic Engineering, Inc.  
1516 Centre Circle  
Downers Grove, IL 60515

Attention: Mr. Dan Crowder

Ref: Class II Permissive Change

Dear Dan,

The purpose of this letter is to request a Class II Permissive Change on a Radianse Model 100A Tag, FCC ID: Q9V-100-A. This device was originally granted certification on 10/10/2003.

A Class II Permissive Change is being requested in order to revise the average field strength ratings reported in the original submission. The average field strength ratings originally reported were based on a duty cycle correction factor calculation using 8msec as the pulse train time of the transmitter. 8msec was actually the length of one complete data burst. In normal automatic operation this device will transmit once every ten seconds and when operated manually the device will never transmit more than once within any 100msec period. Therefore the pulse train (transmitter cycle time) exceeds 100msec and the duty cycle calculation used in determining average field strength should be based on 100msec instead of 8 msec. This significantly increases the duty cycle correction factor and reduces the maximum average field strength reported in the original submission. The peak field strength originally reported has not been affected and remains unchanged.

Attached are revisions to the original report of measurements/test data with the revised duty cycle calculation/duty cycle correction factor and average field strength.

If you should have any questions regarding this request, please feel free to contact me at 603-497-4600 or by e-mail at [swentworth@retlif.com](mailto:swentworth@retlif.com).

Sincerely,

RETLIF TESTING LABORATORIES

Scott Wentworth  
Branch Manager