



November 1, 2000

Mr. Yuriy Litvinov
TCB Reviewer
Intertek Testing Services NA, Inc.
7250 Hudson Blvd. Suite 100
Oakdale, MN 55128

Re: DGFDS7210
Subject: Model 7210 - 1 Watt Output

Dear Yuriy:

I am following up on Joe Dichoso's e-mail of October 26, 2000 in regards to item 3, 1 Watt output.

My interpretation of 2.1033 c) (7) was that they wanted the output of the transmitter as we set it at the factory. This is set for 1 watt output with the transmitter running continuously and unmodulated as measured directly out of the transmitter into a power meter. In the field the transmitter is modulated and has a duty cycle for the transmitter and a wait time to listen for the response from a D1 tag. Also, the signal is transmitted through a coax cable into a Low-Q, broadband, small area (42.45 square inches) antenna. So the effective transmitted power is much less than the 1 watt per setup at the factory.

In addition to this we meet the requirement of 15.225 for field strength within the band (passing margin of 44.58 dBuV/m) and the other radiated emissions in 15.209 (passing margin of 12.82 dBuV/m).

Based on the information above I feel that we meet the RF safety requirements of 2.1033 c.

If you have any questions or need any further information, please call me immediately at (651) 778-6279.

Regards,

A handwritten signature in black ink that reads 'Roger D. Kuhn'.

Roger D. Kuhn
Hardgoods Product Safety, EMC Lab
Building 76-1-01