

To: smtp@DAN7@Servers[<jdichoso@fcc.gov>]
From: Joel T. Schneider@EMC@PSNBL
Cc:
Subject: fcc id ov5-vca10001
Attachment: BEYOND.RTF
Date: 3/27/00 14:22 PM

Hi, Joe. Here is the additional information. If these do not answer the questions to your satisfaction, please let me know and I will give it my immediate attention. Thanks in advance.

1. (From manufacturer) *Deere had the option of getting the wedge certified as either a class 1 or class 3 device and chose to go with a class 3 device. Therefore, we used CellCom to force the transmitter to power level 2 (the highest power setting allowed for class 3 operation). Normally, you could go to class 1 operation, if you had the auxiliary battery connected. That issue can easily be resolved by using the same calibration constant for power levels 0, 1 and 2 for the Deere configuration. We can, and will, do this during the board level test and calibration, which would make it impossible for you to go to class 1 operation under any condition. Page B6 of B10 describes how the EUT was set up to run in full power mode, so the device was actually tested at full power.*

2. (From manufacturer) *Processing 911 calls is not necessary for this application, given that the phone is only used, with an on-board modem, to transmit the GPS and/or exception/action/alarm information back to your data center.*

3. Declaration of Compliance to RF Exposure Limits for Humans
The VCA10001 cellular transmitter complies with the RF exposure limits for humans called out in 47 CFR 2.1091. The transmitter is a mobile device typically used to report location and engine hours of a vehicle, making it subject to RF evaluation tests. It is exempt from RF evaluation based on its operating frequency of 824-849 MHz, and effective radiated power of less than 700 milliwatts based on substitution measurements. This would be less than the 1.5 watt requirement.

From: OET <oetech@fccsun07w.fcc.gov>, on 3/22/00 15:06 PM:

To: Joel Schneider, TUV PRODUCT SERVICE INC
From: Joe Dichoso
jdichoso@fcc.gov
FCC Application Processing Branch

Re: FCC ID OV5-VCA10001
Applicant: John Deere Special Technologies
Correspondence Reference Number: 12958
731 Confirmation Number: EA96765
Date of Original E-Mail: 03/22/2000

1) The original device was granted at 4 Watts while you measured only 0.63 Watts. Please explain. If the device was not at full power during tests, remeasure accordingly.

2) Indicate compliance with the new Emergency 911 requirement in Section 22.921.

3) Indicate compliance with the RF safety requirements with the new antenna and appropriate power. Contact Kwok Chan at KChan@fcc.gov if you have any questions. Submit any exhibits into the RF exposure info folder.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal pursuant to Section 2.917 (c) and forfeiture of the filing fee pursuant to section 1.1108.

DO NOT reply to this e-mail by using the Reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet at www.fcc.gov, Electronic Filing, OET Equipment Authorization Electronic Filing. If the response is submitted through Add Attachments, in order to expedite processing, a message which informs the processing staff that a new exhibit has been submitted must also be submitted via Submit Correspondence. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.