

**From:** Kirby.Munroe [Kirby.Munroe@acstestlab.com]

**Sent:** Friday, May 02, 2008 4:12 PM

**To:** tei@timcoengr.com

**Subject:** SUBJECT: CELLNET TECHNOLOGY, INC. - FCC ID: R7PCG6R1S1 - REFERENCE: JOB 915UC8

**SUBJECT:** CELLNET TECHNOLOGY, INC. - FCC ID: R7PCG6R1S1

**REFERENCE:** JOB 915UC8

The following is a response to the request for additional information for the above referenced product and job number.

1. Theory of operation page 6/24: It is indicated that this device operates also on 914.58MHz and 917.58MHz. The application was only made for 911.48MHz. Please explain or revise.

**Response: The device was modified by SW to transmit at only 911.58 MHz. It was modified from a device that can transmit at those other frequencies. The theory of operation refers to the unmodified unit.**

2. Theory of operation page 14-15/24: It appears that this device is capable of a maximum output power of 27dBm, whereas the maximum measured conducted power is 25.55dBm according to 731 Form and test report. The power values must agree throughout the documentation. Please explain or revise.

**Response: Due to filtering on the radio, the RF power will vary somewhat with frequency. This product only transmits at one frequency and the RF power is lower at this frequency. The Theory of Operation is valid for all variants and reflects the highest power level, however the manual has been revised to include power values which agree with the test report and form 731 for this application (08-0040 – Manual-B.pdf, p2).**

3. Repeater function: The description of this product on Form 731 and Manual indicate that this is a repeater. According to this filing, it appears that this device is in fact a transceiver. Otherwise, please explain compliance with the items specified by the FCC in the following KDBs, where relevant:

<http://fjallfoss.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=28433&switch=P>

<http://fjallfoss.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=20918&switch=P>

<http://fjallfoss.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=20679&switch=P>

**Response: This device is a transceiver and does not meet the FCC definition for a repeater. For this application, "Repeater" is a marketing term used to describe the device.**

4. Manual: Please indicate in a conspicuous location of the manual that this device requires professional installation.

**Response: A revised manual has been uploaded. (08-0040 – Manual-B.pdf, p4).**

Best Regards,

***Kirby Munroe***

Director, Wireless Certifications

Advanced Compliance Solutions, Inc.

[kmunroe@acstestlab.com](mailto:kmunroe@acstestlab.com)

(770) 831-8048 x230

[www.acstestlab.com](http://www.acstestlab.com)

\*\*\*\*\*CONFIDENTIAL\*\*\*\*\*

This e-mail and any attachments may contain information which is confidential, proprietary, privileged or otherwise protected by law. The information is solely intended for the named addressee (or a person responsible for delivering it to the addressee). If you are not the intended recipient of this message, you are not authorized to read, print, retain, copy or disseminate this message or any part of it. If you have received this e-mail in error, please notify the sender immediately by return e-mail and delete it from your computer.