

From: Dharmajit Solanki [dharmajit@ultratech-labs.com]
Sent: Friday, October 28, 2005 10:02 AM
To: 'tei'
Subject: FW: TIMCO-TCB/Request for additional info - POWERWAVE TECHNOLOGIES INC. - FCC ID: E675JS0080

Importance: High

Dear Bruno,

PI find our reply for your question as per below. Also find attached revised/information documents.

1. The antenna separation warning distance for 20dBi gain antenna is already mentioned in the user manual. PI check Page 3-2 of user manual, also attached file for ready reference.
2. Revised Form 731 is attached.
3. PI find revised report attached showing compliance with Part 27.
4. We hereby confirm that we have notified the applicant about the FCC requirement- boosters must meet all criteria stated in Sections 90.219 for related booster/in-building operations.

Sincerely,
Dharmajit Solanki
UltraTech Engineering Labs INC.
Canada

From: Tri Luu [mailto:tri@ultratech-labs.com]
Sent: Wednesday, October 26, 2005 10:40 AM
To: Dhamajit Solanki
Subject: Fw: TIMCO-TCB/Request for additional info - POWERWAVE TECHNOLOGIES INC. - FCC ID: E675JS0080
Importance: High

DJ, please take care this.

----- Original Message -----

From: [Bruno](#)
To: [Tri M. Luu](#)
Sent: Tuesday, October 25, 2005 5:54 PM
Subject: TIMCO-TCB/Request for additional info - POWERWAVE TECHNOLOGIES INC. - FCC ID: E675JS0080

TIMCO ENGINEERING INC.

849 NW State Road 45

TCB & FCB

FCC Approvals

Newberry, Florida 32669

<http://www.timcoengr.com>

888.472.2424 F 352.472.2030 email: tei@timcoengr.com

Industry Canada Approvals

Notified Body for Europe

10/25/2005

MR. TRI M. LUU

ULTRATECH ENGINEERING LABS, INC.

1-877-765-4173 905-829-8050

tri@ultratech-labs.com

SUBJECT: POWERWAVE TECHNOLOGIES INC. - FCC ID: E675JS0080

REFERENCE: JOB 2152UC5

Dear MR. LUU:

This application is on hold until these questions are resolved. Please answer all question(s) together and only respond to tei@timcoengr.com. Any other method will cause **unnecessary delay**. **DO NOT HIT REPLY!** Responses should also contain the Reference information, as shown at the top of this message. If acceptable response is not received within 2 week the job will be closed & there will be additional charges to reopen.

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

1. RF exposure – User manual: Please include the required separation distances for outdoor antenna installation according to RF exposure calculations for a 20dBi maximum antenna gain.
2. This device is a bi-directional amplifier/repeater/ in-building radiation system. AMP class is for ERFPA (external RF power amplifier) only. This device should be filed under equipment class TNB. Please revise form 731.
3. This application was made for part 27. Please justify compliance with part 27 technical requirements.
4. Please confirm that the applicant is informed of the following sections: boosters must meet all criteria stated in Sections 90.219 for related booster/in-building operations.

Sincerely,

Bruno Clavier

