

From: Emc [emc@itl.co.il]

Sent: Thursday, September 21, 2006 4:49 AM

To: tei@timcoengr.com

Cc: Ronen Akerman

Subject: FW: TIMCO-TCB/Request for additional info - GO NETWORKS INC. - FCC ID: T3G-WLP-1100F-000-JOB 2605IC6

Importance: High

REFERENCE: JOB 2605IC6

Hi Bruno,

The following are our responses to items 5, 8, and 9 in your email below. This completes the responses to all nine items.

1. Item 5:

The product supports only single beam mode and this was used during the tests. The E.U.t. was set for maximum transmitted power (e.g. directig the beam to bore site).

2. Item 8:

a. We reviewd the requirements of Section 1.1307(b)(3) concerning fixed mounted antenna, co-located with other antennas.

b. The power density for each transmitter of the E.U.T. is one order of magnitude below the FCC limit, and therefore also the RF exposure co-location requirements are met.

3. Item 9:

The RF output power was reduced below the limit (see pages 82-84 of the revised test report) Maximum RF power is now 24.8 dBm (0.7 dB below the limit).

Corrective action details: The maximum RF power was limited to 24.8 dBm via the software.

4. Please let us know if you need any additiona information.

Regards

Shaike Raz

EMC Laboratory Manager

EMC Laboratory

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From: Bruno Clavier [mailto:bruno@timcoengr.com]
Sent: Friday, September 15, 2006 8:48 PM
To: Emc
Subject: TIMCO-TCB/Request for additional info - GO NETWORKS INC. - FCC ID: T3G-WLP-1100F-000
Importance: High

TIMCO ENGINEERING INC.

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TCB & FCB

*FCC Approvals
Industry Canada Approvals
Notified Body for Europe*

9/15/2006

MR. SHAIKE RAZ
ISRAEL TESTING LABORATORIES
972-897-9779 x9 972-897-9770 x2
SRAZ@ITL.CO.IL

SUBJECT: GO NETWORKS INC. - FCC ID: T3G-WLP-1100F-000

REFERENCE: JOB 2605IC6

Dear MR. RAZ:

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. Block diagram: Please provide a block diagram for the RF portion of this device.
2. Operational Description: This device appears to be a phased array system with the

following characteristics: multiple beam forming configuration with simultaneous operation (x4 antennas) on the same channel, point-to-multipoint system. Please confirm.

3. Part 15.247 (c)(2)(i): Access channel - Please explain whether different information is transmitted to each receiver.
4. Part 15.247(c)(2)(iii): Does this device have capability for beam overlap? If so, please explain compliance with the reduced power in overlapping beams.
5. Radiated and band-edges - Testing modes: Please provide more information on the testing modes to determine worst-case configuration (e.g. adaptive mode with multiple beams or single beam, etc.)
6. Manual – page 3/31: Please explain the statement about “(internal antenna)” in the last sentence of this page.
7. Manual 8/31– RF exposure: Please revise the statement to indicate specifically that the antenna(s) (not the “outdoor access point”) used for this transmitter must be installed to provide a separation distance of at least xx cm from all persons.
8. Co-location between 2.4 and 5.8GHz operation: Please explain compliance with the RF exposure limits in a co-transmitting environment of Access and Backhaul operations.
9. Backhaul operation at 5.7GHz – test report page 84/141pdf: This a P2MP operation. According to 15.247(b)(4), the power reduction should be 1dB for every dBi in excess of 6dBi. The levels reported appears to be above the limit of 25.5dB. Please explain.

Sincerely,

Bruno Clavier