

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

Sent: Tuesday, September 19, 2006 5:28 AM

To: tei@timcoengr.com

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

Importance: High

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Hi Bruno,

Following are responses to the items in your email below.

1. Attached is the RF block diagram as per your request in item 1 of your email.

2. Item 2 of your email:

This device is a phased array system. It has a number of directions to which it can point its beam. Each transmission/reception is performed on only one beam. The 4 antennas work as an antenna array. The method of work is point-to-multipoint (one access point working with a number of users). No simultaneous beams are transmitted (there is only one modem / MAC entity that transmits to different users one after another).

3. Item 3 of your email:

This unit is a Wi-Fi unit that gives wireless connection services to multiple users. Each user (receiver) gets different data than the others.

4. Item 4 of your email:

Since there are no simultaneous beams, there is no possibility of beam overlap.

We will respond to the rest of the items in your email shortly.

Regards

David Shidlowsky

Technical Writer

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