

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

**Sent:** Tuesday, February 05, 2008 7:46 AM

**To:** tei@timcoengr.com

**Cc:** Leonid Pakman; Bruno Clavier; Shaik Raz

**Subject:** RE: TIMCO-TCB/Request for additional information - MOBILE ACCESS NETWORKS - FCC ID: OJFMA860WCE Timco Job Number 3674IC7

Hello:

Please see below ITL/Mobile Access responses to the above subject request for additional information.

We plan to submit in the next 2 days the reports for the additional tests performed in the last days, revised Forms 731, user manual, test set up photos.

We are looking forward to completing this job this week.

Thanks for your help and cooperation.

1. Concerning item 1:

Revised Forms 731 signed by the ITL authorized representative, including an authorization letter from Mobile Access will be uploaded.

2. Concerning Item 2:

The revised Form 731 will include the frequency bands as tested including maximum conducted output power for each band.

3. Concerning items 3, 4, 6:

A revised user manual will be uploaded.

4. Concerning item 5:

Professional installation is covered by page VII of the user manual and installation instructions in Section 4 of the user manual.

5. Concerning item 7:

The 860M is used with the WCE only.

6. Concerning item 8:

New photos will be uploaded.

7. Concerning item 9:

Under this application only the 860M+WCE configuration is applicable (see page 5 of the user manual).

8. Concerning item 10:

The WCE is the "amplifier box" and the 860M is the "combiner box".

9. Concerning item 11:

The revised user manual includes specific antennas in addition to antenna gain and type information (See Section 3.4.1).

10. Concerning item 12.1:

802.11 b/g and 802.11a signals are non-coordinated, therefore composite power does not apply.

11. Concerning item 12.2:

The product was tested for conducted and radiated emissions for signals of 802.11b/g + 802.11a +licensed.

In addition, intermodulation was also tested with the above signals (See Section 26 of the test reports).

12. Concerning item 12.3:

The original tests were performed with one access point of each model. We performed additional testing on a configuration with 4 identical Cisco Model 1242 access points. See information in ITL additional test reports no.'s E764115.00 and E764116.00.

13. Concerning item 12.4:

This type of test is not part of Section 15.247; 15.407 or the FCC guidance document for prior RF distribution amplifier (850A). Also, it's applicable only for FCC Parts 22/24/90 tests not performed under this application.

14. Concerning item 12.5:

A complete system with 4 identical access points Cisco Model 1242, including 802.11b/g+802.11a+licensed signals was re-tested. See ITL test reports E764115.00 and E764116.00.

15. Concerning item 12.6:

Intermodulation emissions tests were performed including 802.11b/g+802.11a+licensed signals operating simultaneously. The transmission frequencies were set to minimum separation to generate maximum levels of 3rd order or other odd order signals.

The access point was the type having maximum RF output power.

The transmission frequencies were:

802.11b/g: 2412 MHz

802.11a: 5180 MHz

CELL: 890 MHz

PCS: 1985 MHz

Regards

Best Regards

Shaik Raz

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