



March 2, 2015

Federal Communication Commission
Office of Engineering and Technology
USA

RE: FCC ID:NEODMBA30073008PS
Form 731 CN: EA213707
Subject: CRN 46665

Dear Mr. Rodriguez,

Please find attached our response according to your questions.

1. Unless it is already explicit in the test report (if yes please tell where), please advise and/or revise exhibit to list make, model etc. info for "noise figure analyzer" instrumentation.

Response: [The test report AXERAD_FCC.25633A_rev1 with added Table 8.1 on page 200 was uploaded on March 2, 2015.](#)

2. Considering the preceding 1), in case EMC/radio test report exhibit overall will be refreshed, at page 4 of 212 please change from 2.219(e)(2) to 90.219(e)(2).

Response: [The test report AXERAD_FCC.25633A_rev1 with corrected page 4 was uploaded on March 2, 2015](#)

3. Confidentiality request letter lists "Tune up procedure," however we did not see it in the filing; please amend filing accordingly, and/or revise confid. letter if appropriate.

Response: [The confidentiality letter was revised, file "Request_confidentiality_25633A_rev1" uploaded on March 2, 2015](#)

4. Install/operate instructions include the following.

"The FCC regulation mandate that the EIRP of type B signal boosters should not exceed 5W."

For reference the applicable rule paragraph for equipment authorization purposes is:

90.219(e)(1) "The output power capability of a signal booster must be designed for deployments providing a radiated power not exceeding 5 Watts ERP for each retransmitted channel."

In addition, both Class A and Class B (not "type B") devices are subject to the installation/operation rule paragraph:

90.219(e)(3) "Signal boosters must be deployed such that the radiated power of the each retransmitted channel, on the forward link and on the reverse link, does not exceed 5 Watts effective radiated power (ERP)."

Please revise at that portion of the install/operate instructions.

Also please review all other portions of filing (RF exposure exhibit, EMC/radio report) and revise if applicable to ensure compliance for max. 5 W ERP is addressed and described correctly.

Response: [The revised User_manual_25633A_rev1 and RF_env_evaluation_25633A_rev1 uploaded on March 2, 2015.](#)

5 Install/operate instructions at page "V" says "only for in-building applications" and "can only be installed in in-building applications, driving passive ..."

Both indoor and outdoor intended use is indicated at other places in manual, in RF exposure exhibit, etc.

It appears that manual page V and/or pages II to VII might be cut-and-paste from some other FCC ID (where indoor-only was in fact required based on bands combination).

Please revise manual accordingly to be applicable for this FCC ID.

Also please check other parts of filing to confirm/revise for consistent descriptions of allowed installations and operations.

Response: [The revised User_manual_25633A_rev1 uploaded on March 2, 2015.](#)



6 As feasible please amend a functional/block diagram showing RF paths, etc.
Where qualified this could be part of operational description exhibit type with confidentiality thereunder.

Response: The block diagram was added to the operational description exhibit. Revised file "Operational_description25633A_rev1" was uploaded as confidential file on March 2, 2015.

Sincerely yours,

A handwritten signature in blue ink, appearing to be "Raviv Cohen".

Raviv Cohen, R&D Engineer
Axell Wireless Israel Ltd.

A handwritten signature in blue ink, appearing to be "M. Nikishin".

M. Nikishin, EMC and Radio group manager
Hermon Laboratories Ltd.