

To: Mario de Aranzeta, Timco Engineering, Inc.  
[mario@fctestesting.com](mailto:mario@fctestesting.com)

From: Jyun-Cheng Chen  
[JC.Chen@fcc.gov](mailto:JC.Chen@fcc.gov)

Re: FCC ID: Z5W-104012

Applicant: Damm Cellular Systems A/S

Correspondence Reference Number: 42599

Form 731 Confirmation Number: EA345195

Date of Original E-mail: 09/14/2012

Dear Applicant/Agent:

Thank you for your 8/31 reply to my 7/6 inquiry and 8/29 reminder. Below are my comments.

1. Since the EUT also contains circuitry used to communicate with the base station control/power boards and unrelated to the transceiver itself, it is also a Class A digital device. Therefore, the Information to Users statements (or similar) provided in Part 15.105 should be available in the user's manual.

Updated pages 4 and 5 from the user manual are included as an exhibit which includes the required statements.

2. Please review Form 731 frequency band listings. The extended frequency range of 406.1-430 MHz is wider than requested, per the extended listing letter, nor is it justified. If you like me to make changes to Form 731 on your behalf, please provide detail instruction on which items should be changed and to what.

We have attached a revised 731 form. Please see page 2 of the 731 for specific changes in the emission designator, frequency range, and power output fields. Please update this information on your end as we cannot on our end.

3. In addition, if the high power mode can only use roll-off factor of 0.2 in the US, then all listings associated with roll-off factor 0.35 should be removed from Form 731. Data should not be presented in the test report either, per KDB 634817, or should be prominently marked not applicable to FCC application.

The powers shown in the test report represent the lowest and highest power available and are continuously adjustable and selectable by the user from the lowest power listed to the highest power listed in the test report.

4. Since this device is applying for limited modular approval, please list in the operational description and in the OEM manual the maximum number of modules that could go in each possible host platform, total power limitation (if any restriction), frequency channel assignment among modules, as well as antenna placement restrictions with multiple modules based on inter-modulation/spurs and RF exposure consideration. This information will help us determine regulatory compliance when the maximum number of modules are installed on the base station rack system.

We have uploaded revised pages that will be included in the final user manual upon your acceptance.

5. The first paragraph of the MPE report contains conflicting statements on the applicability of 2.1091 and 1.1310. Please revise or simply remove the paragraph.

The MPE report has been modified and a revised version uploaded.

The items indicated above must be submitted before processing can continue on the above referenced application.

Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee pursuant to Section 1.1108