



Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, Maryland 21046  
USA

Date: **03/18/2015**

Ref: FCC Class II Permissive change for FCC ID: **PD97262WW**

Dear Examiner,

This is to request a Class II permissive change for module approval FCC ID: **PD97262WW**, originally granted on **02/28/2015**.

The major change filed under this application is:

Change #1: This change is to request approval to enable by firmware FDD bands 7, 12, 13, 26 and TDD band 41. The rf chain hardware has always been populated for these bands but they have not been previously supported in module firmware.

Additionally, other minor hardware changes have been made to improve performance, interference/crosstalk, and standardize on M.2 connector.

- GPIO signal swap at M.2 connector to standardize across M.2 products
- DC/DC decoupling caps changed from 33pF to 100pF to improve reference sensitivity.
- SSIC trace swapped at M.2 connector
- FEM version update (ES4.0 to ES5.0) to improve insertion loss performance.
- Added simple R-C low pass filter to GPO4 line to eliminate crosstalk
- Add 15pF between balun and LP filter for DC blocking in ch 41 signal path
- Matching component change to improve ACLR performance on band 7

As a result of these minor changes a new schematic and BoM will be provided with this filing.



Sincerely,

A handwritten signature in black ink that reads "Steven C. Hackett".

By:

Steven C. Hackett  
Title: Wireless Regulatory Engineer  
On behalf of: Intel Mobile Communications  
Telephone: 803-216-2344  
Fax: 803-216-2176  
e-mail: [steven.c.hackett@intel.com](mailto:steven.c.hackett@intel.com)

Intel Mobile Communications  
100 Center Point Circle, Suite 200  
Columbia, South Carolina 29210  
USA