



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

Date : 10/14/2016

Ref: Manufacturer Attestation for Class II Permissive Change for FCC ID:
PD93165NG and 3165NGU

Dear Examiner,

This is an attestation FCC ID: **PD93165NG and 3165NGU**, originally granted on **1/23/2015** and **1/26/15** respectively, is applying for permissive change under 15.404(b)(4)(ii). Intel declares there have been no hardware changes to the device since the original approval that impact RF performance or compliance.

Furthermore, we attest that the antenna type and gains listed below are the worst case for the client only module. We acknowledge that only antennas of this type (PIFA) with equal or less gains (dBi) than shown below are permitted for use with this device without further evaluation. This device complies with all antenna limits as described in 15.247(d).

| Antenna Type | Model Part Number | Antenna Location (Main/Aux) | 2.4GHz Peak Gain in dBi* | 2.6GHz Peak Gain in dBi* | 5.2GHz Peak Gain in dBi* | 5.5GHz Peak Gain in dBi* | 5.7GHz Peak Gain in dBi* |
|---------------------------------------|--|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| PIFA | Universe technology Intel Reference Antenna | Main | 3.24 | 3.47 | 3.64 | 4.77 | 4.97 |
| PIFA | | Aux | | | | | |
| PIFA | | MIMO | | | | | |
| *All Antenna gains include cable loss | | | | | | | |

Sincerely,

By: 
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 Wireless Regulatory Engineer

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