29 September 2014

Applicant: Qualcomm Atheros Inc

FCC IDENTIFIER: PPD-QCNFA34AC

The Product Name of Radio Equipment: 802.11a/b/g/n/ac+ BT 4.1 M.2 Type Card

Platform: Notebook Computer

The owner of the platform: Acer Incorporated.

This is to justify and certify that the transmitter output power (802.11a/b/g/n 2TX) are dropped in order to enhance the holistic performance while installing to the platform, Model: MS2392, Platform: Notebook, host owner: Acer Incorporated. We, the undersigned, believe and expect that the test measurement as demonstrated originally remains effective and representative, so a Class II change (as per §2.1043) with SAR re-test on given platform are adequate to ensure the product's compliance, due to the following:

- The module (FCC ID: PPD- QCNFA34AC, IC ID: 4104A- QCNFA34AC) was assessed compliant to radiated emission limits per 15.247 in its initial FCC approval.
- Power at the originally tested default channel is lower under per-chain condition. The lower power, critical to emissions, generates lower emissions with respect to the mandatory limit per the corresponding ruling part.
- The current platform for this Class II Permissive Change uses an antenna with the same type, but across the emission bands, has a lower gain than was used in the original FCC approval for the module.
- The module was tested in its original FCC approval in an open environment. The antenna for this Class II Permissive Change request is installed inside a laptop enclosure, which is expected to have a reducing effect on radiated emissions.

Best Regards

Digitally signed by Mark Ortlieb, QTI
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