



Willow Run (WR) Test Labs, Inc.
7117 Fieldcrest Dr., Brighton, Michigan 48116 USA
Tel: (734) 252-9785, Fax: (734) 926-9785, e-mail: info@wrtest.com

Attn.: Certification and Engineering Bureau, Innovation, Science and Economic Development Canada
3701 Carling Avenue, Bldg. 94
Ottawa, Ontario K2H 8S2
Re: Certification for Aptiv Services US, LLC WACM4
IC: 3432A-0074TR

If necessary, we have enclosed application materials for certification of Aptiv Services US, LLC WACM4. It has been verified to comply with ISED RSS-216.

Current Variants:

There is only a single variant of the EUT, employing a new micro-controller, as tested.

History:

Original Grant: August, 2018; FCC ID: L2C0074TR; IC: 3432A-0074TR, Model: WACM2.

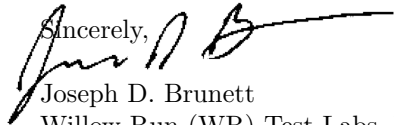
Changes Made:

The current micro-controller (WCT1001A) is being replaced with a newer micro-controller (WCT1011B) due to a supply shortage. The devices are pin-to-pin compatible, but the new IC uses an internal 8 MHz clock source while the prior design was clocked externally from the host micro at 8 MHz. There is no change to the features, function, PCB layout, LF section, or mechanical design of the product.

Action Taken:

The EUT employing the new micro-controller is fully evaluated for emissions and operating bandwidth and found to be identical to the original design with an observed frequency shift of 400 Hz and a minor change of measured field levels, all within measurement uncertainty.

The changes made qualify as a permissive change for IC (ref. IC RSP-100). If there are any questions regarding the application or testing performed, please contact us at the above address or call (734) 252-9785, or e-mail info@wrtest.com.

Sincerely,

Joseph D. Brunett
Willow Run (WR) Test Labs, Inc.



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Attn.:Federal Communications Commission
Equipment Approval Services
P.O. Box 358315
Pittsburgh, PA 15251-5315
Re: Certification for Aptiv Services US, LLC WACM4
FCC ID: L2C0074TR

If necessary, we have enclosed application materials for certification of Aptiv Services US, LLC WACM4. It has been verified to comply with CFR Title 47, Part 18.305.

Current Variants:

There is only a single variant of the EUT, employing a new micro-controller, as tested.

History:

Original Grant: August, 2018; FCC ID: L2C0074TR; IC: 3432A-0074TR, Model: WACM2.

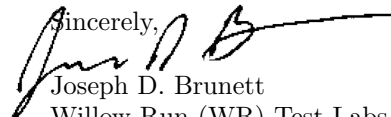
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The changes made qualify as a permissive change for FCC (ref. FCC, Part 2, 2.1043(a)(1)).If there are any questions regarding the application or testing performed, please contact us at the above address or call (734) 252-9785, or e-mail info@wrtest.com.

Sincerely,

Joseph D. Brunett
Willow Run (WR) Test Labs, Inc.