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Taipei City Taiwan 114

Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Applicant's declaration concerning RF Radiation Exposure

We hereby indicate that the product
Product description: TPMS Receiver
Model No: TA86

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The integral antennas used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter within the host device.

A safety statement concerning minimum separation distances from enclosure of the Product : TPMS Receiver will be integrated in the user's manual to provide end-users with transmitter operating conditions for satisfying RF exposure compliance.

The appropriate information can be drawn from the test report no: W6M21608-16161-C-1 and the accompanying calculations.

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Date: 2016/09/06

Signature

 Sep. 6, 2016



Registration number: W6M21608-16161-C-1
 FCC ID: HQXTA86

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

Test exclusion = max. conducted output power + adjusted for tune-up tolerance

Test exclusion = -8.90 dBm

RESULT:

Test standard : FCC KDB Publication

447498 D01 General RF Exposure Guidance v05r02

3.3 RF Exposure Compliance Requirements

According to KDB447498 10 D01v05:

SAR evaluation, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

The enclosure of the device provides ≥ 0.5 cm separation from the antenna elements to significant metal parts of the enclosure to minimize potential perturbations.

Frequency Band:2402-2480 MHz

Maximum Power fed to Antenna: 0.1288 mW

Separation distances:

Antenna feed center to metal parts of enclosure: > 5 mm

Distance prescribed in user manual: > 5 mm

| MHz | 5 | 10 | 15 | 20 | 25 | mm |
|------|----|----|----|----|----|-----------------------------------|
| 2450 | 10 | 19 | 29 | 38 | 48 | SAR Test Exclusion Threshold (mW) |

| MHz | 30 | 35 | 40 | 45 | 50 | mm |
|------|----|----|----|----|----|-----------------------------------|
| 2450 | 57 | 67 | 77 | 86 | 96 | SAR Test Exclusion Threshold (mW) |

| MHz | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | mm |
|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|----|
| 2450 | 96 | 196 | 296 | 396 | 496 | 596 | 696 | 796 | 896 | 996 | 1096 | 1196 | 1296 | 1396 | 1496 | mW |