BOW Technology Co., Ltd.
No. 10-12, Ln. 468, Wufu Rd., Wufeng Dist., Taichung City, Taiwan, R.O.C.

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: EXPANT
Model No: EXPANT
FCC ID: 2ACVZ-BOW-EXPANT

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 : EXPANT 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: HA140504-FID and the accompanying calculations:

According to KDB 447498 D01 General RF Exposure Guidance v05r02, the 1-g SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances of 50mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]*[√f(GHz)]≦3.0 for 1-g SAR, where

Field Strength : 90.17 dBuV/m
Ant. Gain : 1.16 dBi; Ant Numeric Gain : 1.306171.
max. power of channel, including tune-up tolerance:
$\{ [10^{(\text{Field Strength}/20)}/10^6 \times 3]^2/30 \times \text{Ant Numeric Gain} \} \times 1000 \text{ mW} = 0.238848 \text{ mW}$

min. test separation distance: 5 mm
Frequency: 2.415 GHz
(0.238848 mW/5mm)x √2.415GHz= 0.074235 <3
Result of Calculation:
The result of calculation is far below 3 . Therefore, SAR test is not required.

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Date: Sep. 05, 2014

By: