

RF Exposure for simultaneous transmission statement

No. : **12261909S-A**
Applicant : **OLYMPUS CORPORATION**
Type of Equipment : **Wireless LAN/Bluetooth Module**
Model No. : **S080WIFI-PCA**
FCC ID : **YSKW80**

OLYMPUS CORPORATION declares that Model: S080WIFI-PCA complies with FCC radiation exposure requirement specified in the FCC Rule 2.1093 (for portable use).

S080WIFI-PCA installed Digital Camera: IM010 can be used together with a Low power 2.4GHz band accessories and transmitted simultaneously.

Low power 2.4 GHz band accessories complied with separation distance requirement between the user and/or bystander and the antenna and/or radiating element of the device that is less than or equal to 5 mm based on exclusion thresholds calculation of KDB 447498 D01 section 4.3.1 a). (Exemption limit is 9 mW for 2.4835 GHz.)

The simultaneous transmission SAR value was calculated as below.

[Standalone Condition]

Host device of module (Digital Camera : IM010): Reported 1-g SAR = 0.34 W/kg

Low power 2.4 GHz band accessories: Estimated 1-g SAR = 0.4 W/kg **

** Estimated SAR value was applied 0.4 W/kg as conservative value by KDB 447498 D01 section 4.3.2 b).

[Simultaneous Transmission Condition]

Simultaneous transmission SAR value = $0.34 + 0.4 = 0.74$ W/kg

Therefore, Simultaneous Transmission Condition meets the limit as < 1.6 W/kg.