## MPE Calculations(WLAN: 802.11b)

- Frequency range : 2412 MHz ~ 2462 MHz

- Maximum RF output power 17.94 dBm

- Maximum antenna peak gain : 0.80 dBi

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and the body of the user.

The MPE calculation for this exposure is shown below.

The peak radiated output power (EIRP) is calculated as follows:

### - Power density at the specific separation

## **Conclusion**: The exposure condition of this device is compliant with FCC rules.

# MPE Calculations(WLAN: 802.11g)

- Frequency range : 2412 MHz ~ 2462 MHz

- Maximum RF output power 20.2 dBm

- Maximum antenna peak gain : 0.80 dBi

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and the body of the user.

The MPE calculation for this exposure is shown below.

The peak radiated output power (EIRP) is calculated as follows:

### - Power density at the specific separation

## **Conclusion**: The exposure condition of this device is compliant with FCC rules.

## MPE Calculations(WLAN: 802.11n HT20)

- Frequency range : 2412 MHz ~ 2462 MHz

- Maximum RF output power 19.4 dBm

- Maximum antenna peak gain : 0.80 dBi

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and the body of the user.

The MPE calculation for this exposure is shown below.

The peak radiated output power (EIRP) is calculated as follows:

### - Power density at the specific separation

## **Conclusion**: The exposure condition of this device is compliant with FCC rules.

## MPE Calculations(WLAN: 802.11n HT40)

- Frequency range : 2422 MHz ~ 2452 MHz

- Maximum RF output power 18.61 dBm

- Maximum antenna peak gain : 0.80 dBi

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and the body of the user.

The MPE calculation for this exposure is shown below.

The peak radiated output power (EIRP) is calculated as follows:

### - Power density at the specific separation

## **Conclusion**: The exposure condition of this device is compliant with FCC rules.