MPE Calculations: (WLAN: 802.11b)

- Frequency range : 2412 MHz ~ 2462 MHz

- Measured RF output power: 14.01 dBm

- Target Power & Tolerance : 13.00 dBm ± 1.5 dB (Max. 14.5 dBm & Min. 11.5 dBm)

- Maximum antenna peak gain : 2.44 dBi

- Maximum output power for the calculatio 14.50 dBm

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.

- 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

- Measured RF output power: 7.32 dBm

- Target Power & Tolerance : 6.50 dBm ± 1 dB (Max. 7.5 dBm & Min. 5.5 dBm)

- Maximum antenna peak gain : 2.44 dBi

- Maximum output power for the calculatio 7.50 dBm

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.

- Power density at the specific separation

$$\begin{array}{lll} \bullet & \textbf{S} &=& \text{EIRP} \, / \, (\, 4 \, \text{R}^2 \pi \,) \\ &=& \textbf{9.863} \quad / \, (\, 4 \, \text{X} \, 20^2 \, \text{X} \, \pi \,) \\ &=& \textbf{0.001963} \quad \text{mW/cm}^2 \\ \end{array} \begin{array}{lll} \bullet & \textbf{Note} \\ & S &=& \text{Maximum power dencity(mW/cm}^2) \\ & EIRP &=& \text{Equivalent Isotropic Radiated Power(mW)} \\ & R &=& \text{Distance to the center of the radiation of the antenna(20cm)} \\ \end{array}$$

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

MPE Calculations: (WLAN: 802.11n HT20)

- Frequency range : 2412 MHz ~ 2462 MHz

- Measured RF output power 7.06 dBm

- Target Power & Tolerance : 6.50 dBm ± 1 dB (Max. 7.5 dBm & Min. 5.5 dBm)

- Maximum antenna peak gain : 2.44 dBi

- Maximum output power for the calculatio 7.50 dBm

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.

- Power density at the specific separation

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

MPE Calculations: (5.1GHz WLAN: 802.11a)

- Frequency range: 5180 MHz ~ 5240 MHz

- Measured RF output power 3.56 dBm

- Target Power & Tolerance : 3.00 dBm ± 1 dB (Max. 4 dBm & Min. 2 dBm)

- Maximum antenna peak gain : 3.22 dBi

- Maximum output power for the calculatio 4.00 dBm

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.

- Power density at the specific separation

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

MPE Calculations: (5.7GHz WLAN: 802.11a)

- Frequency range : 5745 MHz ~ 5825 MHz

- Measured RF output power 4.21 dBm

- Target Power & Tolerance : 3.50 dBm ± 1 dB (Max. 4.5 dBm & Min. 2.5 dBm)

- Maximum antenna peak gain : 4.30 dBi

- Maximum output power for the calculatio 4.50 dBm

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.

- Power density at the specific separation

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