MPE Calculations: (WLAN: 802.11b)

- Frequency range : 2412 MHz 2462 MHz - Measured RF output power 18.03 dBm Target Power & Tolerance: 17.50 18.5 dBm dB (Max. dBm & Min. 16.5 dBm) Maximum antenna peak gain : 2.46 dBi

- Maximum output power for the calculation: 18.50 dBm

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

The maximum permissible exposure(MPE) of the general population/Uncontrolled for this device is 1.0 mW/cm².

MPE Calculations: (WLAN: 802.11g)

- Frequency range : 2412 MHz ~ 2462 MHz

- Measured RF output power 22.02 dBm

- Target Power & Tolerance : 21.50 dBm ± 1 dB (Max. 22.5 dBm & Min. 20.5 dBm)

- Maximum antenna peak gain : 2.46 dBi

- Maximum output power for the calculation: 22.50 dBm

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

The maximum permissible exposure(MPE) of the general population/Uncontrolled for this device is 1.0 mW/cm².

MPE Calculations: (WLAN: 802.11n HT20)

- Frequency range : 2412 MHz 2462 MHz - Measured RF output power 21.94 dBm Target Power & Tolerance: 21.00 dBm 22 20 dB (Max. dBm & Min. dBm) Maximum antenna peak gain : 2.46 dBi

- Maximum output power for the calculation: 22.00 dBm

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

The maximum permissible exposure(MPE) of the general population/Uncontrolled for this device is 1.0 mW/cm².

MPE Calculations: (Bluetooth)

- Frequency range : 2402 MHz 2480 MHz - Measured RF output power 2.19 dBm Target Power & Tolerance: 3.00 1.5 4.5 dBm dB (Max. dBm & Min. 1.5 dBm) Maximum antenna peak gain : 0.77 dBi

- Maximum output power for the calculation: 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 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.

The maximum permissible exposure(MPE) of the general population/Uncontrolled for this device is 1.0 mW/cm².

RF Exposure Compliance for simultaneous operations

- Configurations for simultaneous operations
 - Configuration 1:2.4GHz WLAN + Bluetooth

Result

RF function MODE Power Density (mW/cm²)	802.11b 2.4GHz 0.024817	802.11g 2.4GHz 0.062335	(HT20) 2.4GHz 0.055557	2.4GHz 0.00067	Total Power Density (mW/cm ²)
Configuration 1		O 0.062335		O 0.00067	0.063005

Note 1: The maximum power density in each RF function was used for above table.