MPE Calculations: (WLAN: 802.11b)

- Frequency range : 2412 MHz 2462 MHz - Measured RF output power 14.41 dBm Target Power & Tolerance: 14.00 dBm 15 13 dB (Max. dBm & Min. dBm) Maximum antenna peak gain : 3.91 dBi

- Maximum output power for the calculation: 15.00 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: (WLAN: 802.11g)

- Frequency range : 2412 MHz 2462 MHz - Measured RF output power 13.22 dBm Target Power & Tolerance: 13.00 dBm 12 dB (Max. 14 dBm & Min. dBm) Maximum antenna peak gain : 3.91 dBi

- Maximum output power for the calculation: 14.00 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: (WLAN: 802.11n HT20)

- Frequency range : 2412 MHz ~ 2462 MHz - Measured RF output power 11.47 dBm Target Power & Tolerance: 12 10 11.00 dBm dB (Max. dBm & Min. dBm) Maximum antenna peak gain : 3.91 dBi

- Maximum output power for the calculation: 12.00 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 : -7.19 dBm

- Target Power & Tolerance : -7.00 dBm ± 1 dB (Max. -6 dBm & Min. -8 dBm)

- Maximum antenna peak gain : -0.22 dBi

- Maximum output power for the calculation: -6.00 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.

RF Exposure Compliance for simultaneous operations

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

Result

RF function	802.11b	802.11g	802.11n (HT20)	ВТ	Total Power
MODE	2.4GHz	2.4GHz	2.4GHz	2.4GHz	Density
Power Density (mW/cm²)	0.015479	0.012296	0.007758	0.000048	(mW/cm ²)
Configuration 1	O 0.015479			O 0.000048	0.015527

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