MPE Calculations(WLAN: 802.11b)

- Frequency range : 2412 MHz ~ 2462 MHz

- Maximum RF output power 17.83 dBm

- Maximum antenna peak gain : 2.10 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 25.22 dBm

- Maximum antenna peak gain : 2.1 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 27.85 dBm - aggregared

Max. antenna 0 peak gain : 2.10 dBi
Max antenna 1 peak gain : 1.73 dBi
Aggregate antenna peak gain : 4.93 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 26.87 dBm - aggregared

Max. antenna 0 peak gain : 2.10 dBi
Max. antenna 1 peak gain : 1.73 dBi
Aggregate antenna peak gain : 4.93 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: 802.11a)

- Frequency range : 5745 MHz ~ 5825 MHz

- Maximum RF output power 24.31 dBm

- Maximum antenna peak gain : 2.36 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 : **5745** MHz ~ **5825** MHz

- Maximum RF output power 27.23 dBm - aggregared

Max. antenna 0 peak gain : 2.67 dBi
Max. antenna 1 peak gain : 2.36 dBi
Aggregate antenna peak gain : 5.53 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 : **5755** MHz ~ **5795** MHz

- Maximum RF output power 27.03 dBm - aggregared

Max. antenna 0 peak gain : 2.67 dBi
Max. antenna 1 peak gain : 2.36 dBi
Aggregate antenna peak gain : 5.53 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: 802.11a)

- Frequency range : 5180 MHz ~ 5240 MHz

- Maximum RF output power 12.08 dBm

- Maximum antenna peak gain : 4.14 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)

5240 - Frequency range: 5180 MHz ~ MHz - Maximum RF output power **13.01** dBm - aggregared - Max. antenna 0 peak gain : 3.32 dBi - Max antenna 1 peak gain : 4.14 dBi - Aggregate antenna peak gain : 6.76 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: 5190 MHz ~ 5230 MHz - Maximum RF output power 14.98 dBm - aggregared - Max. antenna 0 peak gain : 3.32 dBi - Max. antenna 1 peak gain: 4.14 dBi - Aggregate antenna peak gain : 6.76 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.