# MPE Calculations(WLAN: 802.11n HT20)

- Frequency range : 2412 MHz ~ 2462 MHz

Maximum RF output power: 7.170 dBmMaximum antenna peak gain: 3.658 dBi

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and 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: N/A (The EIRP is below the limit.)

# MPE Calculations(WLAN: 802.11n HT20)

- Frequency range : 5180 MHz ~ 5240 MHz

Maximum RF output power: 9.200 dBmMaximum antenna peak gain: 1.527 dBi

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and 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: 9.530 dBmMaximum antenna peak gain: 1.527 dBi

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and 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: 9.720 dBmMaximum antenna peak gain: 3.542 dBi

The EUT will only be used with a separation of 20 centimeters or greater between the antenna and 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: 10.660 dBmMaximum antenna peak gain: 3.542 dBi

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