

L40SE2-R98D

MPE Calculations(Bluetooth)

- Frequency range : 2402 MHz ~ 2480 MHz
- Measured RF output power 0.2 dBm
- Target Power & Tolerance : 2.50 dBm $\pm$ 1.5 dB (Max. 4 dBm & Min. 1 dBm)
- Maximum antenna peak gain : 3.50 dBi
- **Maximum output power for the calculation 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

The MPE calculation for this exposure is shown below.

▪ EIRP = P + G = 4.00 dBm + 3.50 dBi = 7.50 dBm = 5.624 mW	- Note - P = Power input to the antenna(dBm) - G = Power gain of the antenna(dBi)
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- Power density at the specific separation

▪ S = EIRP / (4 R² π) = 5.624 / (4 X 20² X π) = 0.001119 mW/cm²	- Note - S = Maximum power density(mW/cm²) - EIRP = Equivalent Isotropic Radiated Power(mW) - R = Distance to the center of the radiation of the antenna(20cm)
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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.

L40SK2-R98N

MPE Calculations(Bluetooth)

- Frequency range : 2402 MHz ~ 2480 MHz
- Measured RF output power 1.61 dBm
- Target Power & Tolerance : 2.50 dBm $\pm$ 1.5 dB (Max. 4 dBm & Min. 1 dBm)
- Maximum antenna peak gain : 3.50 dBi
- **Maximum output power for the calculation 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

The MPE calculation for this exposure is shown below.

▪ EIRP = P + G = 4.00 dBm + 3.50 dBi = 7.50 dBm = 5.624 mW	- Note - P = Power input to the antenna(dBm) - G = Power gain of the antenna(dBi)
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- Power density at the specific separation

▪ S = EIRP / (4 R² π) = 5.624 / (4 X 20² X π) = <u>0.001119</u> mW/cm²	- Note - S = Maximum power density(mW/cm²) - EIRP = Equivalent Isotropic Radiated Power(mW) - R = Distance to the center of the radiation of the antenna(20cm)
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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.

L40VW2-C97R

MPE Calculations(Bluetooth)

- Frequency range : 2402 MHz ~ 2480 MHz
- Measured RF output power -0.48 dBm
- Target Power & Tolerance : 2.50 dBm $\pm$ 1.5 dB (Max. 4 dBm & Min. 1 dBm)
- Maximum antenna peak gain : 3.50 dBi
- **Maximum output power for the calculation 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

The MPE calculation for this exposure is shown below.

▪ EIRP = P + G = 4.00 dBm + 3.50 dBi = 7.50 dBm = 5.624 mW	- Note - P = Power input to the antenna(dBm) - G = Power gain of the antenna(dBi)
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- Power density at the specific separation

▪ S = EIRP / (4 R² π) = 5.624 / (4 X 20² X π) = <u>0.001119</u> mW/cm²	- Note - S = Maximum power density(mW/cm²) - EIRP = Equivalent Isotropic Radiated Power(mW) - R = Distance to the center of the radiation of the antenna(20cm)
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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.

L41VW2-C98R

MPE Calculations(Bluetooth)

- Frequency range : 2402 MHz ~ 2480 MHz
- Measured RF output power -0.79 dBm
- Target Power & Tolerance : 2.50 dBm $\pm$ 1.5 dB (Max. 4 dBm & Min. 1 dBm)
- Maximum antenna peak gain : 3.50 dBi
- **Maximum output power for the calculation 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

The MPE calculation for this exposure is shown below.

▪ EIRP = P + G = 4.00 dBm + 3.50 dBi = 7.50 dBm = 5.624 mW	- Note - P = Power input to the antenna(dBm) - G = Power gain of the antenna(dBi)
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- Power density at the specific separation

▪ S = EIRP / (4 R² π) = 5.624 / (4 X 20² X π) = <u>0.001119</u> mW/cm²	- Note - S = Maximum power density(mW/cm²) - EIRP = Equivalent Isotropic Radiated Power(mW) - R = Distance to the center of the radiation of the antenna(20cm)
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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.

L41SK2-R98N

MPE Calculations(Bluetooth)

- Frequency range : 2402 MHz ~ 2480 MHz
- Measured RF output power 1.99 dBm
- Target Power & Tolerance : 2.50 dBm $\pm$ 1.5 dB (Max. 4 dBm & Min. 1 dBm)
- Maximum antenna peak gain : 3.50 dBi
- **Maximum output power for the calculation 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

The MPE calculation for this exposure is shown below.

▪ EIRP = P + G = 4.00 dBm + 3.50 dBi = 7.50 dBm = 5.624 mW	- Note - P = Power input to the antenna(dBm) - G = Power gain of the antenna(dBi)
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- Power density at the specific separation

▪ S = EIRP / (4 R² π) = 5.624 / (4 X 20² X π) = 0.001119 mW/cm²	- Note - S = Maximum power density(mW/cm²) - EIRP = Equivalent Isotropic Radiated Power(mW) - R = Distance to the center of the radiation of the antenna(20cm)
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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.

L42VW2-R77N

MPE Calculations(Bluetooth)

- Frequency range : 2402 MHz ~ 2480 MHz
- Measured RF output power 1.66 dBm
- Target Power & Tolerance : 2.50 dBm $\pm$ 1.5 dB (Max. 4 dBm & Min. 1 dBm)
- Maximum antenna peak gain : 3.50 dBi
- **Maximum output power for the calculation 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

The MPE calculation for this exposure is shown below.

▪ EIRP = P + G = 4.00 dBm + 3.50 dBi = 7.50 dBm = 5.624 mW	- Note - P = Power input to the antenna(dBm) - G = Power gain of the antenna(dBi)
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- Power density at the specific separation

▪ S = EIRP / (4 R² π) = 5.624 / (4 X 20² X π) = <u>0.001119</u> mW/cm²	- Note - S = Maximum power density(mW/cm²) - EIRP = Equivalent Isotropic Radiated Power(mW) - R = Distance to the center of the radiation of the antenna(20cm)
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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.

L52SK2-R98N

MPE Calculations(Bluetooth)

- Frequency range : 2402 MHz ~ 2480 MHz
- Measured RF output power -5.48 dBm
- Target Power & Tolerance : 2.50 dBm $\pm$ 1.5 dB (Max. 4 dBm & Min. 1 dBm)
- Maximum antenna peak gain : 3.50 dBi
- **Maximum output power for the calculation 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

The MPE calculation for this exposure is shown below.

▪ EIRP = P + G = 4.00 dBm + 3.50 dBi = 7.50 dBm = 5.624 mW	- Note - P = Power input to the antenna(dBm) - G = Power gain of the antenna(dBi)
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- Power density at the specific separation

▪ S = EIRP / (4 R² π) = 5.624 / (4 X 20² X π) = 0.001119 mW/cm²	- Note - S = Maximum power density(mW/cm²) - EIRP = Equivalent Isotropic Radiated Power(mW) - R = Distance to the center of the radiation of the antenna(20cm)
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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.

L53VW2-C98R

MPE Calculations(Bluetooth)

- Frequency range : 2402 MHz ~ 2480 MHz
- Measured RF output power -3.51 dBm
- Target Power & Tolerance : 2.50 dBm $\pm$ 1.5 dB (Max. 4 dBm & Min. 1 dBm)
- Maximum antenna peak gain : 3.50 dBi
- **Maximum output power for the calculation 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

The MPE calculation for this exposure is shown below.

▪ EIRP = P + G = 4.00 dBm + 3.50 dBi = 7.50 dBm = 5.624 mW	- Note - P = Power input to the antenna(dBm) - G = Power gain of the antenna(dBi)
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- Power density at the specific separation

▪ S = EIRP / (4 R² π) = 5.624 / (4 X 20² X π) = <u>0.001119</u> mW/cm²	- Note - S = Maximum power density(mW/cm²) - EIRP = Equivalent Isotropic Radiated Power(mW) - R = Distance to the center of the radiation of the antenna(20cm)
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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.