

SUN2000-50K-MC0 SUN2000-40K-MC0 SUN2000-30K-MC0
Regulatory Compliance Statement

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About This Document

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 DANGER	Indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.
 NOTICE	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results. NOTICE is used to address practices not related to personal injury.
 NOTE	Supplements the important information in the main text. NOTE is used to address information not related to personal injury, equipment damage, and environment deterioration.

Change History

Issue	Date	Description
01	2025-09-04	This issue is the first official release.

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1 European Regulatory Compliance

1.1 RED

In accordance with Article 10.2 in Directive 2014/53/EU (RED), this device can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.

FREQUENCY BANDS AND MAXIMUM RF POWER

In accordance with Article 10.8 in Directive 2014/53/EU (RED),

• WLAN 2.4 GHz:	< 20 dBm EIRP	
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RF EXPOSURE (HEALTH)

This device complies with relevant RF radiation exposure limits set forth for a public/uncontrolled environment. This equipment should be installed and/or operated with a minimum distance as below between the radiator and your body:

- Council Recommendation 1999/519/EC: 0.2 meters
- Directive 2013/35/EU: 0.2 meters

1.2 EMC

WARNING

This is a Class A equipment. Operation of this equipment in a residential environment could cause radio interference, in which case the user may be required to take adequate measures.

Electrostatic Discharge

CAUTION

ESD Protection

Always wear ESD gloves or an ESD wrist strap prior to contact with the equipment or before handling devices, boards, or IC chips to prevent damage to sensitive components due to electrostatic discharge from the human body. Ensure that the ESD wrist strap is properly grounded.

For information about how to wear an ESD wrist strap, see Figure below.

Figure 1-1 Wearing an ESD wrist strap

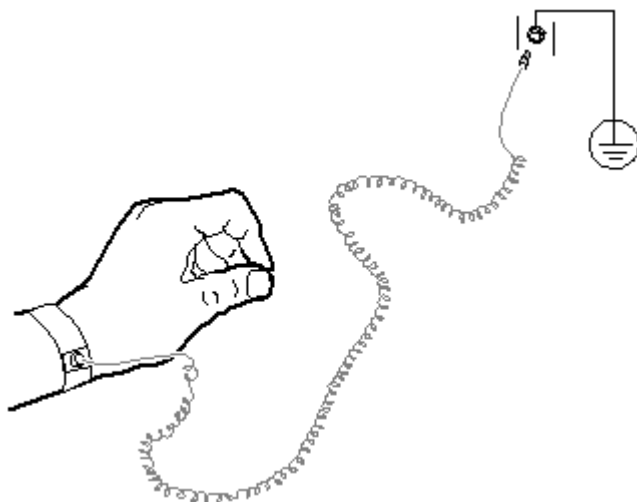
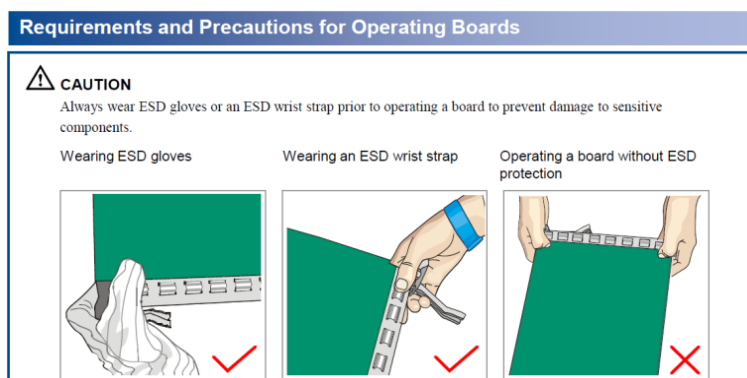


Figure 1-2 Requirements and precautions for operating boards



Cables and Shielding

EMC performance is dependent upon the use of correct cables of good quality for all external connections when installing this equipment. Ensure compliance with cable/connector specifications and associated installation instructions given elsewhere in the product manual.

Where shielded cables are required and there are no specific requirements in the product manual then the following good practices shall be implemented:

- Multi-conductor cables should be of double-braided shielded type and have conductive connector bodies and backshells with cable clamps that are conductively bonded to the backshell and capable of making 360 degree connection to the cable shielding.
- Ethernet cables should be of the double-shielded type.
- Coaxial cables should be of the double-braided shielded type.
- The shielded cables should be grounded at both ends.

2 Great Britain Regulatory Compliance

2.1 Radio Equipment Regulations 2017

In accordance with Regulation 8 in Radio Equipment Regulations 2017, this device can be operated in at least one Member State without causing an infringement of the applicable requirements on the use of the radio spectrum in the relevant Member State or Member States.

FREQUENCY BANDS AND MAXIMUM RF POWER

In accordance with Article 10.8 in Directive 2014/53/EU (RED),

• WLAN 2.4 GHz:	< 20 dBm EIRP	
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RF EXPOSURE (HEALTH)

This device complies with relevant RF radiation exposure limits set forth for a public/uncontrolled environment. This equipment should be installed and/or operated with a minimum distance as below between the radiator and your body:

- Council Recommendation 1999/519/EC: 0.2 meters
- Directive 2013/35/EU: 0.2 meters

2.2 Electromagnetic Compatibility Regulations 2016

⚠ WARNING

This is a Class A equipment. Operation of this equipment in a residential environment could cause radio interference, in which case the user may be required to take adequate measures.

Electrostatic Discharge

⚠ CAUTION**ESD Protection**

Always wear ESD gloves or an ESD wrist strap prior to contact with the equipment or before handling devices, boards, or IC chips to prevent damage to sensitive components due to electrostatic discharge from the human body. Ensure that the ESD wrist strap is properly grounded.

For information about how to wear an ESD wrist strap, see Figure below.

Figure 2-1 Wearing an ESD wrist strap

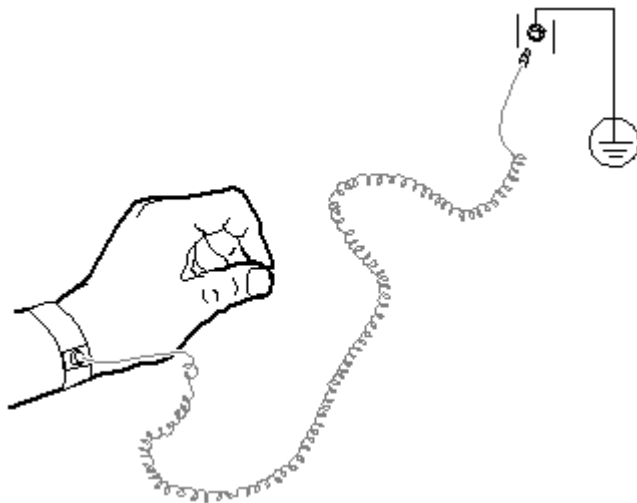
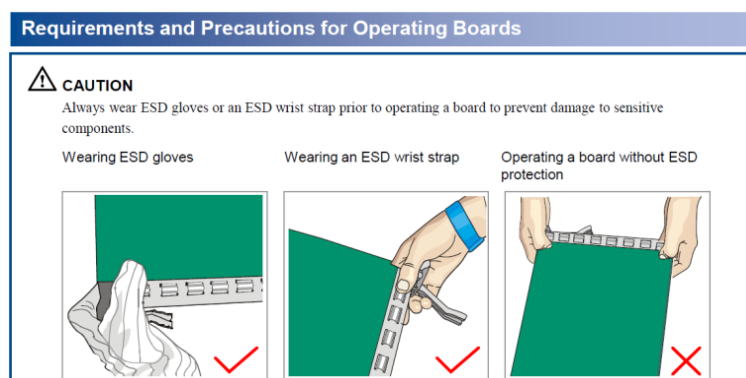


Figure 2-2 Requirements and precautions for operating boards

Cables and Shielding

EMC performance is dependent upon the use of correct cables of good quality for all external connections when installing this equipment. Ensure compliance with cable/connector specifications and associated installation instructions given elsewhere in the product manual.

Where shielded cables are required and there are no specific requirements in the product manual then the following good practices shall be implemented:

- Multi-conductor cables should be of double-braided shielded type and have conductive connector bodies and backshells with cable clamps that are conductively bonded to the backshell and capable of making 360 degree connection to the cable shielding.
- Ethernet cables should be of the double-shielded type.
- Coaxial cables should be of the double-braided shielded type.
- The shielded cables should be grounded at both end

3 China Regulatory Compliance

3.1 China RoHS Hazardous Substance Table

SUN2000-50K-MC0 SUN2000-40K-MC0 SUN2000-30K-MC0 满足中国RoHS的要求:

SUN2000-50K-MC0 SUN2000-40K-MC0 SUN2000-30K-MC0 complies with RoHS requirements of China:

产品中有害物质的名称及含有的信息表					
有害物质	部件名称				
	印制电路板组件	电缆	金属部件	聚合物部件	电池
镉 Cd	○	○	○	○	○
铅 Pb	×	×	×	○	×
汞 Hg	○	○	○	○	○
六价铬 Cr(VI)	○	○	○	○	○
多溴联苯 PBBs	○	○	○	○	○
多溴二苯醚 PBDEs	○	○	○	○	○
邻苯二甲酸二正丁酯 DBP	○	○	○	○	○
邻苯二甲酸二异丁酯 DIBP	○	○	○	○	○
邻苯二甲酸丁苄酯 BBP	○	○	○	○	○
邻苯二甲酸二(2-乙基) 己酯 DEHP	○	○	○	○	○
<p>注1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。</p> <p>×: 表示该有害物质至少在该部件的某一均质材料中含量超出电器电子产品有害物质限制使用国家标准要求。</p> <p>注2: 以上未列出的部件, 表明其有害物质含量均不超过电器电子产品有害物质限制使用国家标准要求。</p>					

4 Other Markets

For relevant compliance information/documentation for markets not mentioned above, please contact Huawei representative.