



E20141

Revised Edition V2 / November 2022

IN SEARCH OF INCREDIBLE

User Guide

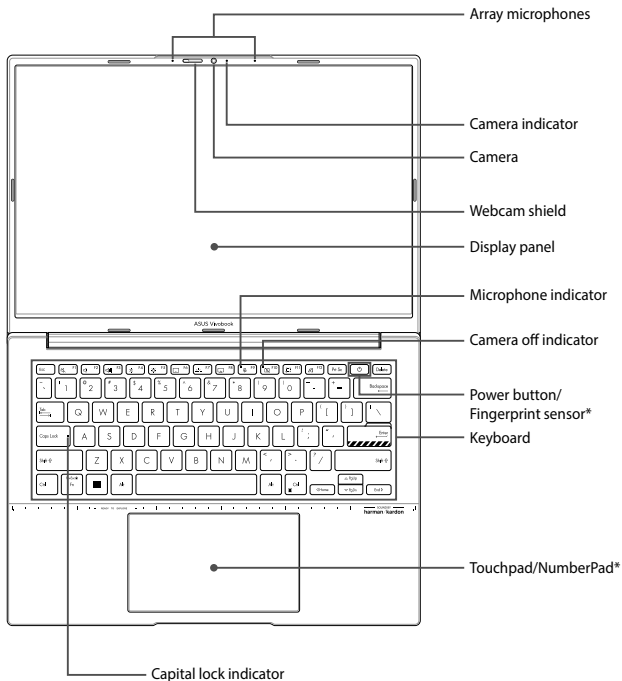
MyASUS FAQ



Top View

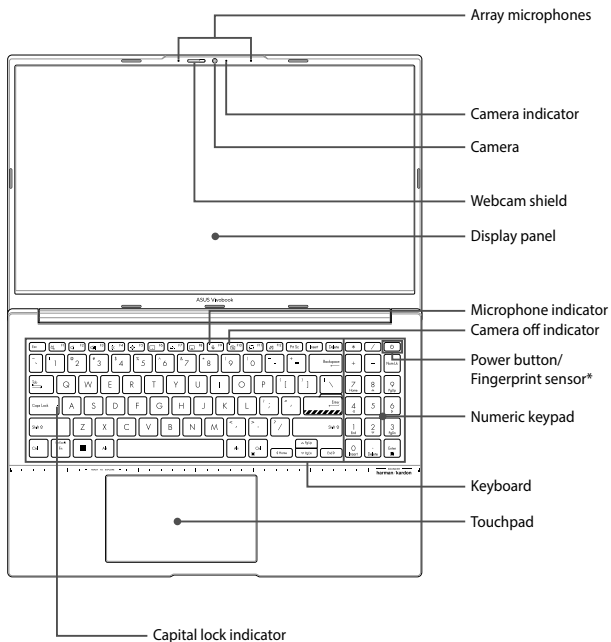
NOTE: The keyboard's layout may vary per region or country. The top view may also vary in appearance depending on the Notebook PC model.

14" model



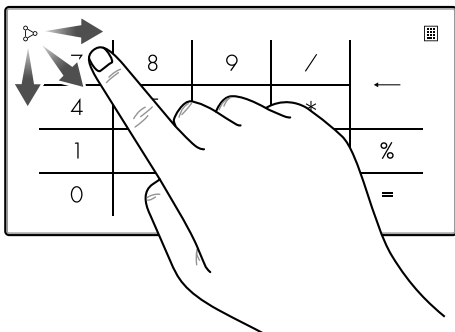
** On selected models*

15.6" model



** On selected models*

Using the NumberPad (on selected models)

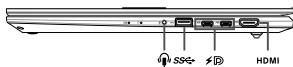


- Press and hold  for a second to toggle between number keys or touchpad.
- Tap  to adjust brightness for the NumberPad.
- Press and hold  then slide anywhere on the NumberPad to launch Windows Calculator.

IMPORTANT! Please note that all versions of NumberPad are only supported on the latest Microsoft Windows operating system.

NOTE: To use the % and = function, set the input language to English.

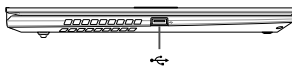
I/O ports and slots



 Headphone/Headset/Microphone jack

 USB 3.2 Gen 1 port

 USB 3.2 Gen 2 Type-C®/DisplayPort/
Power Delivery combo port



HDMI HDMI output port

 USB 2.0 port

Getting started

IMPORTANT!

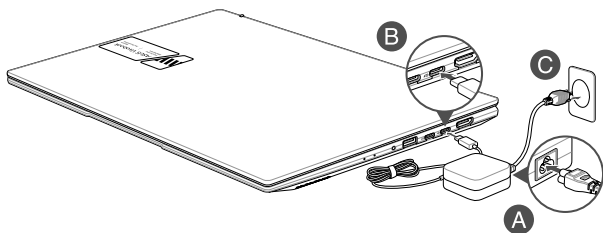
Do not use this Notebook PC for cryptocurrency mining (consuming a vast amount of electricity and time to gain convertible virtual currency) and/or related activities.

1. Charge your Notebook PC

- A. Connect the AC power cord to the AC/DC adapter.
- B. Connect the DC power connector into your Notebook PC's power (DC) input port.
- C. Plug the AC power adapter into a 100V~240V power source.

IMPORTANT! Use only the bundled power adapter to charge the battery pack and supply power to your Notebook PC.

NOTE: The power adapter may vary in appearance, depending on models and your region.



2. Lift to open the display panel

3. Press the power button



Charge the Notebook PC for **3 hours** before using it in battery mode for the first time.

Safety notices for your Notebook PC

WARNING!

Your Notebook PC can get warm to hot while in use or while charging the battery pack. Do not leave your Notebook PC on your lap or near any part of your body to prevent injury from heat. When working on your Notebook PC, do not place it on surfaces that can block the vents.

CAUTION!

- This Notebook PC should only be used in environments with ambient temperatures between 5°C (41°F) and 35°C (95°F).
- Refer to the rating label on the bottom of your Notebook PC and ensure that your power adapter complies with this rating.
- The power adapter may become warm to hot while in use. Do not cover the adapter and keep it away from your body while it is connected to a power source.

IMPORTANT!

- Ensure that your Notebook PC is connected to the power adapter before turning it on for the first time. Always plug the power cord into a wall socket without using any extension cords. For your safety, connect this device to a properly grounded electrical outlet only.
- When using your Notebook PC on power adapter mode, the socket outlet must be near to the unit and easily accessible.
- Locate the input/output rating label on your Notebook PC and ensure that it matches the input/output rating information on your power adapter. Some Notebook PC models may have multiple rating output currents based on the available SKU.
- Power adapter information:
 - Input voltage: 100-240Vac
 - Input frequency: 50-60Hz
 - Rating output current: 4.5A (90W)
 - Rating output voltage: 20V (90W)

WARNING!

Read the following precautions for your Notebook PC's battery:

- Only ASUS-authorized technicians should remove the battery inside the device (for non-removable battery only).
- The battery used in this device may present a risk of fire or chemical burn if removed or disassembled.
- Follow the warning labels for your personal safety.
- Risk of explosion if battery is replaced by an incorrect type.
- Do not dispose of in fire.
- Never attempt to short-circuit your Notebook PC's battery.
- Never attempt to disassemble and reassemble the battery (for non-removable battery only).
- Discontinue usage if leakage is found.
- This battery and its components must be recycled or disposed of properly.
- Keep the battery and other small components away from children.

Avis concernant les batteries remplaçables

- La batterie de l'appareil peut présenter un risque d'incendie ou de brûlure si celle-ci est retirée ou désassemblée.
- La batterie et ses composants doivent être recyclés de façon appropriée.

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Limitation of Liability

Circumstances may arise where because of a default on ASUS' part or other liability, you are entitled to recover damages from ASUS. In each such instance, regardless of the basis on which you are entitled to claim damages from ASUS, ASUS is liable for no more than damages for bodily injury (including death) and damage to real property and tangible personal property; or any other actual and direct damages resulted from omission or failure of performing legal duties under this Warranty Statement, up to the listed contract price of each product.

ASUS will only be responsible for or indemnify you for loss, damages or claims based in contract, tort or infringement under this Warranty Statement.

This limit also applies to ASUS' suppliers and its reseller. It is the maximum for which ASUS, its suppliers, and your reseller are collectively responsible.

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Service and Support

For complete E-Manual version, refer to our multi-language website at:
<https://www.asus.com/support/>

If you have any problems with your Notebook PC, please scan the QR code to visit our website for troubleshooting.



MyASUS offers a variety of support features including troubleshooting, products performance optimization, ASUS software integration, and helps you to organize personal desktop and increase storage space. For more details, please visit <https://www.asus.com/support/FAQ/1038301/>.

FCC Radio Frequency (RF) Exposure Caution Statement

WARNING! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

UL Safety Notices

- DO NOT use the Notebook PC near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- DO NOT use the Notebook PC during an electrical storm. There may be a remote risk of electric shock from lightning.
- DO NOT use the Notebook PC in the vicinity of a gas leak.
- DO NOT dispose the Notebook PC battery pack in a fire, as they may explode. Check with local codes for possible special disposal instructions to reduce the risk of injury to persons due to fire or explosion.
- DO NOT use power adapters or batteries from other devices to reduce the risk of injury to persons due to fire or explosion. Use only UL certified power adapters or batteries supplied by the manufacturer or authorized retailers.

Coating Notice

IMPORTANT! To provide electrical insulation and maintain electrical safety, a coating is applied to insulate the device except on the areas where the I/O ports are located.

Prevention of Hearing Loss

To prevent possible hearing damage, do not listen at high volume levels for long periods.



Power Safety Requirement

Products with electrical current ratings up to 6A and weighing more than 3Kg must use approved power cords greater than or equal to: H05VV-F, 3G, 0.75mm² or H05VV-F, 2G, 0.75mm².

Declaration of Compliance for Product Environmental Regulation

ASUS follows the green design concept to design and manufacture our products, and makes sure that each stage of the product life cycle of ASUS product is in line with global environmental regulations. In addition, ASUS disclose the relevant information based on regulation requirements. Please refer to <http://csr.asus.com/Compliance.htm> for information disclosure based on regulation requirements ASUS is complied with.

EU REACH and Article 33

Complying with the REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulatory framework, we publish the chemical substances in our products at ASUS REACH website at <http://csr.asus.com/english/REACH.htm>.

EU RoHS

This product complies with the EU RoHS Directive. For more details, see <http://csr.asus.com/english/article.aspx?id=35>.

Japan JIS-C-0950 Material Declarations

Information on Japan RoHS (JIS-C-0950) chemical disclosures is available on <http://csr.asus.com/english/article.aspx?id=19>.

India RoHS

This product complies with the “India E-Waste (Management) Rules, 2016” and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in concentrations exceeding 0.1% by weight in homogenous materials and 0.01% by weight in homogenous materials for cadmium, except for the exemptions listed in Schedule II of the Rule.

Vietnam RoHS

ASUS products sold in Vietnam, on or after September 23, 2011, meet the requirements of the Vietnam Circular 30/2011/TT-BCT.

Các sản phẩm ASUS bán tại Việt Nam, vào ngày 23 tháng 9 năm 2011 trở về sau, đều phải đáp ứng các yêu cầu của Thông tư 30/2011/TT-BCT của Việt Nam.

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components as well as the packaging materials. Please go to <http://csr.asus.com/english/Takeback.htm> for detailed recycling information in different regions.

Ecodesign Directive

European Union announced a framework for the setting of eco-design requirements for energy-related products (2009/125/EC). Specific Implementing Measures are aimed at improving environmental performance of specific products or across multiple product types. ASUS provides product information on the CSR website. Further information could be found at <https://csr.asus.com/english/article.aspx?id=1555>.

EPEAT Registered Products

The public disclosure of key environmental information for ASUS EPEAT (Electronic Product Environmental Assessment Tool) registered products is available at <https://csr.asus.com/english/article.aspx?id=41>. More information about EPEAT program and purchase guidance can be found at www.epeat.net.

Regional notice for Singapore

Complies with IMDA Standards DB103778

This ASUS product complies with IMDA Standards.

FCC RF Exposure Information

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the EUT transmitting at the specified power level in different channels. The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid.

Compliance Statement of Innovation, Science and Economic Development Canada (ISED)

This device complies with *Innovation, Science and Economic Development Canada* license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

CAN ICES-003(B)/NMB-003(B)

Déclaration de conformité de Innovation, Sciences et Développement économique Canada (ISED)

Le présent appareil est conforme aux CNR d'*Innovation, Sciences et Développement économique Canada* applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La bande 5150-5250 MHz est réservée uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

CAN ICES-003(B)/NMB-003(B)

ISED SAR Information

This EUT is compliant with SAR for general population/uncontrolled exposure limits in IC RSS-102. This equipment should be installed and operated with a minimum distance of 0 cm between the radiator & your body. This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. The end user must follow the specific operating instructions to satisfy RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.

Cet EUT est la conforme avec SAR pour la population generale / les limites d'exposition incontrolées dans IC RSS-102. Cet équipement doit être installé et utilisé à une distance minimale de 0 cm entre le radiateur et votre corps. Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions spécifiques pour satisfaire les normes. Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur.

Simplified EU Declaration of Conformity

ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. Full text of EU declaration of conformity is available at <https://www.asus.com/support/>.

The WiFi operating in the band 5150-5350 MHz shall be restricted to indoor use for countries listed in the table below:

AT	BE	BG	CZ	DK	EE	FR
DE	IS	IE	IT	EL	ES	CY
LV	LI	LT	LU	HU	MT	NL
NO	PL	PT	RO	SI	SK	TR
FI	SE	CH	HR	UK(NI)		



a. Low Power Indoor (LPI) Wi-Fi 6E devices:

The device is restricted to indoor use only when operating in the 5945 to 6425 MHz frequency range in Belgium (BE), Bulgaria (BG), Cyprus (CY), Czech Republic (CZ), Estonia (EE), France (FR), Iceland (IS), Ireland (IE), Lithuania (LT), Germany (DE), Netherlands (NL), Spain (ES).

b. Very Low Power (VLP) Wi-Fi 6E devices (portable devices):

The device is not permitted to be used on Unmanned Aircraft Systems (UAS) when operating in the 5945 to 6425 MHz frequency range in Belgium (BE), Bulgaria (BG), Cyprus (CY), Czech Republic (CZ), Estonia (EE), France (FR), Iceland (IS), Ireland (IE), Lithuania (LT), Germany (DE), Netherlands (NL), Spain (ES).

Simplified UKCA Declaration of Conformity

ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of The Radio Equipment Regulations 2017 (S.I. 2017/1206). Full text of UKCA declaration of conformity is available at <https://www.asus.com/support/>.

The WiFi operating in the band 5150-5350 MHz shall be restricted to indoor use for the country listed below:

UK

a. Low Power Indoor (LPI) Wi-Fi 6E devices:

The device is restricted to indoor use only when operating in the 5925 to 6425 MHz frequency range in UK.

b. Very Low Power (VLP) Wi-Fi 6E devices (portable devices):

The device is not permitted to be used on Unmanned Aircraft Systems (UAS) when operating in the 5925 to 6425 MHz frequency range in UK.

Wi-Fi Network Notice

IMPORTANT! Wi-Fi 6E network card is available on selected models. The connectivity of Wi-Fi 6E band may vary according to the regulation and certification of each country/region.

Federal Communications Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC COMPLIANCE INFORMATION

Per FCC Part 2 Section 2.1077



Responsible Party: Asus Computer International
Address: 48720 Kato Rd., Fremont, CA 94538
Phone/Fax No: (510)739-3777/(510)608-4555

hereby declares that the product

Product Name : Vivobook/ASUS Laptop
Model Number : M3402R, D3402R, Y3402CR

compliance statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ver. 180125

FCC COMPLIANCE INFORMATION

Per FCC Part 2 Section 2.1077



Responsible Party: Asus Computer International
Address: 48720 Kato Rd., Fremont, CA 94538
Phone/Fax No: (510)739-3777/(510)608-4555

hereby declares that the product

Product Name : Vivobook/ASUS Laptop
Model Number : M3502R, D3502R, Y3502CR

compliance statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ver. 180125

CE RED RF Output table (Directive 2014/53/EU)

M3402R/D3402R/Y3402CR

RTL8822CE

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	21 dBm
	5470 - 5725 MHz	22 dBm
Bluetooth	2402 - 2480 MHz	9 dBm

* Receiver category 1

MT7921

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	18 dBm
	5470 - 5725 MHz	19 dBm
	5725 - 5850 MHz	13.97 dBm
Bluetooth	2402 - 2480 MHz	16 dBm

* Receiver category 1

MT7922A22M

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	22 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
	5945 - 6425 MHz	23 dBm
Bluetooth	2402 - 2480 MHz	15 dBm

* Receiver category 1

RTL8852BE

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	21 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
Bluetooth	2402 - 2480 MHz	8 dBm

* Receiver category 1

M3502R/D3502R/Y3502CR**RTL8822CE**

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	22 dBm
	5470 - 5725 MHz	22 dBm
Bluetooth	2402 - 2480 MHz	8 dBm

* Receiver category 1

MT7921

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	19 dBm
	5470 - 5725 MHz	20 dBm
	5725 - 5850 MHz	13.97 dBm
Bluetooth	2402 - 2480 MHz	15 dBm

* Receiver category 1

MT7922A22M

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	22 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
	5945 - 6425 MHz	23 dBm
Bluetooth	2402 - 2480 MHz	14 dBm

* Receiver category 1

RTL8852BE

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	22 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
Bluetooth	2402 - 2480 MHz	7 dBm

* Receiver category 1

UKCA RF Output table (The Radio Equipment Regulations 2017)

M3402R/D3402R/Y3402CR

RTL8822CE

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	21 dBm
	5470 - 5725 MHz	22 dBm
Bluetooth	2402 - 2480 MHz	9 dBm

* Receiver category 1

MT7921

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	18 dBm
	5470 - 5725 MHz	19 dBm
	5725 - 5850 MHz	13.97 dBm
Bluetooth	2402 - 2480 MHz	16 dBm

* Receiver category 1

MT7922A22M

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	22 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
	5945 - 6425 MHz	23 dBm
Bluetooth	2402 - 2480 MHz	15 dBm

* Receiver category 1

RTL8852BE

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	21 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
Bluetooth	2402 - 2480 MHz	8 dBm

* Receiver category 1

M3502R/D3502R/Y3502CR**RTL8822CE**

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	22 dBm
	5470 - 5725 MHz	22 dBm
Bluetooth	2402 - 2480 MHz	8 dBm

* Receiver category 1

MT7921

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	19 dBm
	5470 - 5725 MHz	20 dBm
	5725 - 5850 MHz	13.97 dBm
Bluetooth	2402 - 2480 MHz	15 dBm

* Receiver category 1

MT7922A22M

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	22 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
	5945 - 6425 MHz	23 dBm
Bluetooth	2402 - 2480 MHz	14 dBm

* Receiver category 1

RTL8852BE

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5250 MHz	22 dBm
	5250 - 5350 MHz	22 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
Bluetooth	2402 - 2480 MHz	7 dBm

* Receiver category 1

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.