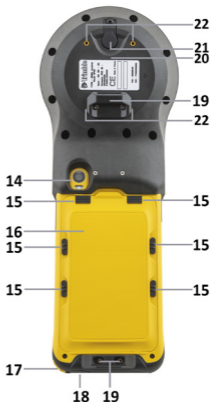
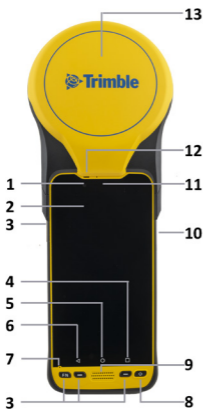


Trimble TDC650

GNSS HANDHELD



- 1 Camera (front)
- 2 Touchscreen
- 3 Programmable buttons (x4)
- 4 All open applications
- 5 Android Home button
- 6 Android Back button
- 7 Microphone
- 8 Power button
- 9 Speaker (phone)
- 10 Volume control buttons (right side of device)
- 11 Light sensor
- 12 Earpiece
- 13 GNSS antenna and receiver

- 14 Camera (rear) + LED flash
- 15 Battery cover locks
- 16 Battery cover
- 17 Lanyard / stylus attachment point *
- 18 USB-C /charging port
- 19 Handstrap attachment points
- 20 GNSS antenna and receiver
- 21 External GNSS antenna port
- 22 Monopole adaptor attachment points

*Note - The device does not have a stylus accessory, but a capacitive stylus can be used with the device and tethered to the device here.

What's in the box

- TDC650 GNSS handheld
- Battery
- USB cable
- International power adapter
- Monopole adapter
- Screwdriver
- Quick Start Guide
- 1 screen protector
- Handstrap
- Battery door opener tool
- Pouch

1. Unlock and remove the battery door.

Slide the locks to unlock then use the battery door opener tool to open the door.

FR- Déverrouiller puis retirer la trappe batterie à l'aide de l'outil fourni.

ES- Desbloquee y extraiga la tapa de la batería utilizando la herramienta.

DE- Akkufach mit dem Werkzeug öffnen; Klappe entfernen.

BR- Destranque e remova a porta da bateria usando o abridor.



2. Remove the battery. Insert the micro SD card (optional) and the SIM card.

FR- Retirez la batterie. Insérer la carte micro SD (si vous en utilisez une) et la carte SIM.

ES- Quitar la batería. Inserte la tarjeta micro SD (dado el caso) y la tarjeta SIM.

DE- Akku entfernen. Micro-SD-Karte (sofern verwendet) und SIM einsetzen.

BR- Remova a bateria. Insira o cartão micro SD (se estiver usando um) e o cartão SIM.



3. Replace the battery, right side first.

Then push the battery lock right to the locked position, replace the battery cover and lock it into place.

FR- Insérer la batterie, côté droit en premier. Puis poussez le verrou de la batterie jusqu'en position verrouillée, remettre la trappe batterie puis la verrouiller.

ES- Inserte la batería, el lado derecho primero. Luego empuje el bloqueo de la batería hasta la posición de bloqueo, vuelva a colocar la tapa y bloquéela.

DE- Akku einsetzen, rechten Seite zuerst. Schieben Sie dann die Batteriesperre nach rechts in die verriegelte Position, und Akkufachklappe einsetzen und verriegeln.

BR- Insira a bateria primeiro o lado direito. Empurre a trava da bateria para a direita para a posição travada, reposicione a porta da bateria e tranque-a.



4. Connect the power adapter and charge the battery for about 4 hours.

FR- Connecter le chargeur secteur et attendre 4 heures environ.

ES- Enchufe el adaptador de alimentación y deje que la batería se cargue durante unas 4 horas.

DE- Netzteil anschließen und Akku etwa 4 Stunden laden.

BR- Coloque o adaptador de energia na tomada e deixe a bateria carregar por cerca de 4 horas.

5. Attach the handstrap and—optionally—the monopole adapter.

FR- Fixer la lanière, et éventuellement l'adaptateur demi-canne si nécessaire.

ES- Fije la correa de mano y, dado el caso, el adaptador de medio poste.

DE- Handriemen und bei Bedarf den Halbstabadapter anbringen.

BR- Coloque a correia manual, e possivelmente o adaptador de meia-vara, se necessário.



6. Make sure you have a wireless connection to the Internet.

FR- S'assurer qu'une connexion sans fil à Internet est possible là où vous êtes.

ES- Asegúrese de que sea posible una conexión inalámbrica a internet desde donde se encuentre.

DE- Sicherstellen, dass ein drahtloses Internetzugang verfügbar ist.

BR- Tenha certeza de que há uma conexão sem fio à internet possível onde você está.

7. Press and hold the Power button ([8]) until the TDC650 GNSS handheld vibrates.

FR- Maintenir le bouton ([8]) appuyé jusqu'à ce que le TDC650 vibre.

ES- Mantenga presionado el botón de encendido ([8]) hasta que el TDC650 vibre.

DE- Die Einschalttaste ([8]) gedrückt halten, bis der TDC650 vibriert.

BR- Mantenha o botão Energia pressionado ([8]) até que o TDC650 vibre.



8. Log in to (or create) your Google account.

FR- Se connecter à (ou créer) votre compte Google.

ES- Inicie sesión (o cree una cuenta) en Google.

DE- Bei Ihrem Google-Konto anmelden (oder eines erstellen).

BR- Entre na sua conta do Google (ou crie uma).

9. Install Accuracy configuration.

Start Trimble Installation Manager and select **Download license**.

FR- Installer la configuration de précision. Démarrez Trimble Installation Manager et sélectionnez Télécharger la licence.

ES- Instalar la configuración de precisión. Inicie Trimble Installation Manager y seleccione Descargar licencia.

DE- Genauigkeitskonfiguration installieren. Trimble Installation Manager starten und Lizenz herunterladen wählen.

BR- Instale a configuração de precisão. Inicie o Trimble Installation Manager e selecione Baixar licença.

10. Enable Mock Locations.

Activate Developer mode: in Settings / About phone, tap 7 times on **Build number**.

Activate Mock Locations: in Settings / System / Advanced / Developer options / DEBUGGING, select the **Mock location** app.

FR- Activer position fictive. Activer le mode développeur : dans Paramètres / À propos du téléphone, appuyez 7 fois sur le numéro de build.

Activer la position fictive : dans Paramètres/Système/Préférences avancées/Options pour les développeurs, sélectionner l'application de position fictive.

ES- Habilitar ubicación simulada. Activar el modo de desarrollador: en Configuración / Acerca del dispositivo, toque 7 veces en el número de compilación. Activar ubicaciones simuladas: en Configuración / Sistema / Avanzado / Opciones de desarrollador / DEPURACIÓN, seleccione la aplicación Ubicación simulada.

DE- Mock-Standort aktivieren. Entwicklermodus aktivieren: Tippen Sie in Einstellungen / Über das Gerät 7 Mal auf die Build-Nummer.

Mock-Standorte aktivieren: Wählen Sie unter Einstellungen / System / Erweitert / Entwickleroptionen / DEBUGGING die Mock-Standort-App aus.

BR- Habilitar localização simulada. Ative o modo Desenvolvedor: em Configurações / Sobre o dispositivo, toque 7 vezes no número da compilação. Ative os locais de simulação: em Configurações / Sistema / Avançado / Opções do desenvolvedor / DEPURAÇÃO, selecione o aplicativo de localização Mock.

11. Install then run your application.

FR- Installer puis lancer votre application.

ES- Instale y ejecute su aplicación.

DE- Ihre App installieren und starten.

BR- Instale e rode a sua aplicação.

For more information, read the full Trimble TDC650 GNSS Handheld User Guide.

Notices

1. Some places such as airports, hospitals, gas stations and other locations, do not allow the use of electronic equipment. You must comply with the rules and not use this product in these places.
2. For your safety and the safety of others, do not use this product while driving a vehicle.
3. To avoid potential safety problems, do not put this product near the vehicle's airbag.
4. For your safety, do not use this product during thunderstorms.
5. Although this product is waterproof, do not leave this product for long periods of time in areas with water or moisture.
6. This product has an operating temperature range of -20°C to $+55^{\circ}\text{C}$ (-4°F to $+131^{\circ}\text{F}$) and a storage temperature range of -40°C to $+70^{\circ}\text{C}$ (-40°F to $+158^{\circ}\text{F}$). Extreme temperatures can affect the device's performance and service life.
7. Use an original rechargeable lithium battery. Low-quality batteries will affect the performance and service life of the device, and may present the danger of explosion.
8. Although the product has been tested to withstand harsh operating environments, do use the product in an improper manner.
9. Do not disassemble this product. In case of failure, send to an authorized service centre to proceed with repairs.
10. When the device has reached the end of its service life, discard in a proper way to avoid environmental pollution.
11. When replacing the battery or when using an external power supply, shut down the device completely before removing the battery or disconnecting the external power supply to prevent damage.
12. This product is a Class B product, which may cause radio interference. You may be required to take necessary preventive measures.

Battery Instructions

1. This product uses a rechargeable lithium battery as a power source. When the power is low, charge the battery. To maintain battery life, it is recommended to deplete the battery's power before charging.
2. When the battery charger is not in use, remove it from the power supply. Do not connect the charger to the battery for more than one week. Excessive charging will shorten the battery life.
3. Temperature affects the battery charging limit; the battery may need to be cooled or warmed up before charging.
4. Use the battery for its original intended purpose to prevent short-circuiting the battery. A short circuit will occur when a conductive material connects the battery's positive and negative terminals.
5. Do not use a battery that is damaged.
6. Placing the battery in extremely cold or hot places will lead to shortened battery life. Exposing the battery to extreme temperatures may cause the device to malfunction, even if the battery is fully charged.
7. Do not put the battery in a fire. Discard the battery in a proper manner or take the battery to a battery recycling station. Dispose waste batteries in accordance with local laws and regulations.

Notice

The device, when wireless is operated in United Kingdom (UK) and Europe Community, is usable outdoors in the 5 GHz band, except when using the frequency in 5150 Mhz - 5250 Mhz where it shall be restricted to indoor use to reduce the potential for interference. Restriction in Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE) and United Kingdom (Northern Ireland) (UK(NI)).

	BE	BG	CZ	DK	DE	EE	SK	
	IE	EL	ES	FR	HR	IT	FI	
	CY	LV	LT	LU	HU	MT	SE	
	NL	AT	PL	PT	RO	SI	UK(NI)	UK

Notice

Device type TDC650 after the laboratory measurements the Max. SAR values for this device is: Limb: 3.358 W/kg, when the device used 0 cm from your body. The SAR limit of France is 4.0 W/kg. Limb: 1.476 W/kg, when the device used at 5 cm from your body. The SAR limit of Europe is 2.0 W/kg. This device was tested for typical body - worn operations with the back of the handset kept 0 cm from the body. To maintain compliance with RF exposure requirements, use accessories that maintain a 0 cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

Working Temperature: -20°C to +55°C (-4°F to +131°F)

Storage Temperature: -40°C to +70°C (-40°F to +158°F)

Charging mode: operate indoors, and pay attention to the environment temperature -0°C to +40°C (32°F to +104°F).

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

Hereby, Trimble Inc. declares that the radio equipment type [TDC650] is in compliance with Directive 2014 / 53 / EU.

This device complies with Part 22 & 24 and Part 27 of the FCC Rules.

SAR INFORMATION

The SAR limit of FCC and ISED is 1.6 W/kg averaged over one gram of tissue. Device type TDC650 has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.555 W/kg and when properly worn on the body is 1.494 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1 cm from the body.

To maintain compliance with FCC and ISED RF exposure requirements, use accessories that maintain a 1 cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC and ISED RF exposure requirements, and should be avoided.

Notice

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

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.

Le présent appareil est conforme aux CNR d'Industrie 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.

Notice

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.

Notice

This Class [B] digital apparatus complies with Canadian ICES -003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB - 003 du Canada.

RF mode and power tune-up refer to appendix A

Appendix A for EU

Normal Mode RF Power Range (GSM, WCDMA)

Mode	Range(dBm)
GSM900	33.00-35.00
GPRS900(1 Slot)	29.00-30.00
GPRS900(2 Slots)	29.00-30.00
GPRS900(3 Slots)	29.00-30.00
GPRS900(4 Slots)	29.00-30.00
EGPRS (8PSK, 1-Slot)	21.50-22.50
EGPRS (BPSK, 2-Slots)	21.50-22.50
EGPRS (BPSK, 3-Slots)	21.50-22.50
EGPRS (BPSK, 4-Slots)	21.50-22.50
GSM1800	30.50-31.50
GPRS1800(1 Slot)	27.00-28.50
GPRS1800(2 Slots)	27.00-28.00
GPRS1800(3 Slots)	26.80-28.00
GPRS1800(4 Slots)	26.80-28.00
EGPRS (8PSK, 1-Slot)	19.00-20.00
EGPRS (BPSK, 2-Slots)	19.00-20.00
EGPRS (BPSK, 3-Slots)	19.00-20.00
EGPRS (BPSK, 4-Slots)	19.00-20.00
WCDMA Band 1 RMC	22.00-23.30
WCDMA Band 1 HSDPA	20.50-22.00
WCDMA Band 1 HSUPA	19.00-21.50
WCDMA Band 8 RMC	23.00-24.00
WCDMA Band 8 HSDPA	22.00-23.00
WCDMA Band 8 HSUPA	20.50-23.00

Normal Mode RF Power Range (LTE)

Mode	Bandwidth	RB	Modulation	Range (dBm)
LTE Band 1	20 MHz	1	QPSK	22.00-23.20
		50		21.00-22.00
		100		21.00-22.00
		1	16QAM	20.50-22.00
		50		20.00-21.00
		100		20.00-21.00
	15 MHz	1	QPSK	22.00-23.00
		36		21.00-22.00
		75		21.00-22.00
		1	16QAM	20.50-23.00
		36		20.00-21.00
		75		20.00-21.20
	10 MHz	1	QPSK	22.00-23.50
		25		21.00-22.20
		50		21.00-22.20
		1	16QAM	21.00-22.00
		25		20.00-21.00
		50		20.00-21.00
	5 MHz	1	QPSK	22.00-23.00
		12		21.00-22.00
		25		21.00-22.00
		1	16QAM	20.50-22.00
		12		20.00-21.00
		25		20.00-21.00

Mode	Bandwidth	RB	Modulation	Range (dBm)
LTE Band 3	20 MHz	1	QPSK	23.50-24.50
		50		22.50-23.50
		100		22.50-23.80
		1	16QAM	22.00-23.80
		50		21.50-22.50
		100		21.50-22.50
	15 MHz	1	QPSK	23.00-24.30
		36		22.50-23.30
		75		22.50-23.30
		1	16QAM	21.50-23.80
		36		21.30-22.50
		75		21.50-22.50
	10 MHz	1	QPSK	23.50-24.30
		25		22.50-23.30
		50		22.50-23.30
		1	16QAM	22.00-23.80
		25		22.00-22.50
		50		21.50-22.50
	5 MHz	1	QPSK	23.00-24.30
		12		22.00-23.50
		25		22.00-23.80
		1	16QAM	22.00-23.00
		12		21.00-22.00
		25		21.00-22.20
	3 MHz	1	QPSK	23.00-24.30
		8		22.50-23.50
		15		22.50-23.50
		1	16QAM	22.00-23.50
		8		21.50-22.50
		15		21.00-22.00
	1.4 MHz	1	QPSK	23.00-24.30
		3		23.00-24.30
		6		22.00-23.00
		1	16QAM	22.00-23.00
		3		22.00-23.00
		6		21.00-22.00

Mode	Bandwidth	RB	Modulation	Range (dBm)
LTE Band 7	20 MHz	1	QPSK	20.50-22.80
		50		20.00-21.50
		100		20.00-21.50
		1	16QAM	19.50-21.50
		50		19.00-20.50
		100		19.00-20.50
	15 MHz	1	QPSK	21.00-22.50
		36		19.80-21.50
		75		19.80-21.30
		1	16QAM	19.50-22.00
		36		19.00-20.50
		75		19.00-20.50
	10 MHz	1	QPSK	21.00-22.60
		25		19.50-21.50
		50		19.50-21.30
		1	16QAM	19.50-21.50
		25		19.00-20.80
		50		19.00-20.50
	5 MHz	1	QPSK	20.50-22.50
		12		19.50-21.50
		25		19.80-21.50
		1	16QAM	19.00-21.50
		12		18.50-20.50
		25		19.00-20.50

Mode	Bandwidth	RB	Modulation	Range (dBm)
LTE Band 8	10 MHz	1	QPSK	23.00-24.00
		25		22.50-23.00
		50		22.50-23.00
		1	16QAM	22.00-23.00
		25		21.50-22.00
		50		21.50-22.00
	5 MHz	1	QPSK	23.00-24.20
		12		22.00-23.00
		25		22.00-23.00
		1	16QAM	21.50-23.00
		12		21.00-22.00
		25		21.00-22.00
	3MHz	1	QPSK	23.00-24.00
		8		22.50-23.00
		15		22.50-23.00
		1	16QAM	22.00-23.20
		8		21.00-22.00
		15		21.00-22.00
	1.4 MHz	1	QPSK	23.00-24.20
		3		23.00-24.00
		6		22.00-23.00
		1	16QAM	22.00-23.00
		3		22.30-23.00
		6		21.00-22.00

Mode	Bandwidth	RB	Modulation	Range (dBm)
LTE Band 20	20 MHz	1	QPSK	23.00-24.50
		50		22.50-23.30
		100		22.50-23.30
		1	16QAM	22.00-23.50
		50		21.00-22.50
		100		21.00-22.00
	15 MHz	1	QPSK	23.00-24.20
		36		22.50-23.50
		75		22.50-23.50
		1	16QAM	22.50-23.70
		36		21.50-22.50
		75		21.50-22.00
	10 MHz	1	QPSK	23.50-24.40
		25		22.50-23.50
		50		22.50-23.50
		1	16QAM	22.50-23.50
		25		21.50-22.50
		50		21.50-22.00
	5 MHz	1	QPSK	23.00-24.20
		12		22.50-23.20
		25		22.50-23.20
		1	16QAM	21.50-23.00
		12		21.00-22.20
		25		21.50-22.20

Mode	Bandwidth	RB	Modulation	Range (dBm)
LTE Band 28	20 MHz	1	QPSK	22.00-23.00
		50		21.00-22.00
		100		21.00-22.00
		1	16QAM	20.50-22.00
		50		20.20-21.00
		100		20.00-21.00
	15 MHz	1	QPSK	22.00-23.00
		36		21.00-22.00
		75		21.00-22.00
		1	16QAM	21.00-23.00
		36		20.00-21.00
		75		20.00-21.00
	10 MHz	1	QPSK	22.00-23.00
		25		21.00-22.00
		50		21.00-22.00
		1	16QAM	21.00-22.00
		25		20.00-21.00
		50		20.00-21.00
	5 MHz	1	QPSK	22.00-23.00
		12		21.00-22.00
		25		21.00-22.00
		1	16QAM	20.50-21.70
		12		20.00-21.00
		25		20.00-21.00
	3 MHz	1	QPSK	22.00-23.00
		8		21.00-22.00
		15		21.00-22.00
		1	16QAM	20.80-21.80
		8		20.00-21.20
		15		20.00-21.00

Mode	Bandwidth	RB	Modulation	Range (dBm)
LTE Band 38	20 MHz	1	QPSK	22.00-23.80
		50		21.00-22.50
		100		21.50-22.50
		1	16QAM	20.50-22.80
		50		20.50-21.50
		100		20.50-21.50
	15 MHz	1	QPSK	22.00-23.60
		36		21.50-22.50
		75		21.50-22.50
		1	16QAM	21.00-22.50
		36		20.00-21.50
		75		20.50-21.50
	10 MHz	1	QPSK	22.20-23.60
		25		21.50-22.50
		50		21.50-22.50
		1	16QAM	21.00-23.50
		25		20.50-21.50
		50		20.50-21.50
	5 MHz	1	QPSK	22.00-23.50
		12		21.00-22.50
		25		21.00-22.50
		1	16QAM	20.50-22.20
		12		20.50-21.50
		25		20.00-21.50

Mode	Bandwidth	RB	Modulation	Range (dBm)
LTE Band 40	20 MHz	1	QPSK	21.20-23.80
		50		20.20-22.50
		100		20.20-22.50
		1	16QAM	20.20-22.20
		50		19.50-21.50
		100		19.50-21.50
	15 MHz	1	QPSK	21.00-23.50
		36		20.20-22.50
		75		20.20-22.50
		1	16QAM	20.00-22.80
		36		19.00-21.50
		75		19.30-21.50
	10 MHz	1	QPSK	21.00-23.50
		25		20.20-22.50
		50		20.20-22.50
		1	16QAM	20.50-23.00
		25		19.00-21.50
		50		19.00-21.50
	5 MHz	1	QPSK	21.00-23.20
		12		20.20-22.50
		25		20.20-22.50
		1	16QAM	19.50-22.20
		12		19.00-21.50
		25		19.50-21.30

Normal Mode RF Power Range (WLAN/Bluetooth)

Band (GHz)	Mode	Range (dBm)
Wi-Fi 2.4 G (2.4-2.4835)	802.11b	12.00-12.70
	802.11g	8.30-11.00
	802.11n(HT20)	8.00-10.50
	802.11n(HT40)	9.00-10.50
Wi-Fi 5.2 G (5.15-5.25)	802.11a	10.00-11.00
	802.11n(HT20)	8.80-10.50
	802.11ac(VHT20)	9.50-11.30
	802.11n(HT40)	8.50-9.50
	802.11ac(VHT40)	8.50-9.50
	802.11ac(VHT80)	7.00-8.00
Wi-Fi 5.8 G (5.725-5.850)	802.11a	7.50-10.00
	802.11n(HT20)	7.50-9.50
	802.11ac(VHT20)	7.50-10.00
	802.11n(HT40)	8.00-9.00
	802.11ac(VHT40)	7.50-9.00
	802.11ac(VHT80)	7.00-8.00
Bluetooth	GFSK	4.50-6.00
	$\pi/4$ -DQPSK	3.00-4.50
	8-DPSK	3.00-4.50
	BLE	(-0.5)-1.50

Antenna Type

PIFA Antenna

Power class :

GPRS/EGPRS: class12

GSM/GPRS 900: 4

GSM/GPRS 1800: 1

EGPRS 900/1800: E2

WCDMA/HSDPA/HSUPA Band 1: 3

WCDMA/HSDPA/HSUPA Band 8: 3

LTE FDD Band 1: 3

LTE FDD Band 3: 3

LTE FDD Band 7: 3

LTE FDD Band 8: 3 LTE FDD Band 20: 3 LTE FDD Band 28: 3 LTE TDD Band 38: 3

LTE TDD Band 40: 3

GSM Release 99 ;WCDMA Release 6 ; LTE Release 8

NFC: 13.56MHz/ Power class 4 / Modulation type: ASK

GPS/GLONASS/BDS/Galileo 1559MHz-1610MHz

GSM900 (880.2MHz---914.8MHz)

DCS1800 (1710.2MHz---1784.8MHz)

WCDMA band 1 (1922.4MHz---1977.6MHz)

WCDMA band 8 (1712.4MHz---1782.6MHz)

LTE BAND 1 (1922.5---1977.S)MHz

LTE BAND 3 (1710.7---1784.3)MHz

LTE BAND 7 (2502.5---2567.S)MHz

LTE BAND 8 (880.7---914.3)MHz

LTE BAND 20 (834.5---859.S)MHz

LTE BAND 28 (704.5---746.S)MHz

LTE BAND 38 (2572.5---2617.S)MHz

LTE BAND 40 (2302.5---2397.S)MHz

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Trimble Inc., 10368 Westmoor Drive, Westminster CO 80021, USA.

