#### **Changing the Battery**



 $\square$  Ensure that the tablet is turned off.

1.	Push the six locking mechanisms of the cover to the unlock position.		
2.	Remove the cover of the battery compartment.		
3.	Push the two locking levers and the locking mechanism of the bat- tery to the unlock position.		
4.	Remove the battery.		
5.	To insert the battery, attach the connector side of the battery into the compartment at an angle and then lower the other side to engage the connector.		
6.	Push the two locking levers and the locking mechanism of the bat- tery to the lock position.		
7.	To reattach the cover of the battery compartment, insert the side with the latches first.		
8.	Push the six locking mechanisms of the cover to the lock position. The IP rating is only ensured if the battery compartment is attached correctly!		
9.	Turn on the tablet.		

#### 6.2.2

#### **Charging the Battery**



6.3	Power Functions		
Turning the tablet on and off	1.	To turn on the device, firmly press and hold the top right power key until the boot screen appears.	
	2.	To turn off the device. Tap and hold the power key. Select the Power off option to shutdown.	
	3.	With the device turned on, press the power key to turn off the screen and go into sleep mode. Press the power key again to wake the device. Swipe upwards on the screen to unlock.	
	- A	If the device has been idle for a period of time, the screen will automatically turn off and go into sleep mode.	
6.4	Working with the Memory Device		
6.4.1	Working with the microSD Card and Nano SIM Card		
	<ul> <li>Keep the card dry.</li> <li>Use it only within the specified temperature range.</li> <li>Do not bend the card.</li> <li>Protect the card from direct impacts.</li> </ul>		
	Failure to follow these instructions could result in data loss and/or permanent damage to the card.		

6.2.3

Insert and remove the microSD card and Nano SIM card stepby-step



Inserting/removing a card while the CSX8 is turned on can result in permanent damage to the card. Only insert/remove a card when the CSX8 is switched off.

- And	Switch off the tablet.		
1.	Open the protection cap of the card compartment.		
2.	Remove the SIM and microSD card holder.		
3.	Place the cards into the card holder, the chips facing downwards.		
4.	Insert the card holder to the card compartment.		
5.	Close the protection cap of the card compartment.		
	The IP rating is only ensured if all protection caps on the device are properly closed.		

No water proofing and dust proofing can be guaranteed if the protection caps are not properly closed.

#### Working with a USB Memory Stick

Insert a USB stick step-by-step

6.4.2



The USB stick can be inserted into a slot on the right small side of P the tablet. Refer to 3.4 CSX8 Components.

	1. Ope	en the protection cap of the card compartment.			
	2. Inse	2. Insert the USB stick into the slot.			
	3. Afte	er working with the USB stick, remove the USB stick.			
	4. Clos	se the protection cap of the card compartment.			
	The IP rating is only ensured if all protection caps on the device are properly closed. No water proofing and dust proofing can be guaranteed if the protection caps are not properly closed.				
6.5	Working u	under different environmental conditions			
Working under dif- ferent environmental conditions	The device However, it tee optimal	is capable to work under extreme environmental conditions. might be necessary to fine-tune the touch behavior to guaran- working conditions.			
	To adjust tł <b>Settings</b> -	ne touch screen sensitivity go to Accessibility - Touch mode options.			
	Touch mod options are	e Normal mode: Maximum 10 point touch support : Glove mode: Maximum 5 point touch support			

Under severe conditions where the touch technology will simply reach the end of its limits, it is possible to lock the touch-panel completely by pressing the LOCK button on the bottom left corner and use an USI 2.0 compatible active stylus which is active under all 3 modes. (Stylus not provided with the unit)

Rain mode: Maximum 2 point touch support

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by shock aging or		
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plete r its equi-		
When transporting or shipping batteries, the person responsible for the product must ensure that the applicable national and international rules and regulations are observed. Before transportation or shipping, contact your local passenger or freight transport company.		
arly in a for		
ng s must be F in a dry e battery aining a storage		
noisten ese may		
ccessories hove the everything		

Cables and plugs	Keep plugs clean and dry. Blow away any dirt lodged in the plugs of the connecting cables.
Connectors with dust caps	Wet connectors must be dry before attaching the dust cap.
Battery charger	Use only a clean, soft, lint-free cloth for cleaning.
Keypad, touch screen and labels	To clean ink marks from the keypad, touch screen or from labels, use isopro- pyl alcohol.

8	Technical Data			
8.1	CSX8			
Control unit	Туре	Description		
	Operating system	Android 12		
	Processor Qualcomm SM4350-AC			
	Graphics	Qualcomm Adreno 619 GPU		
	Display	8" IPS screen WUXGA 1200 × 1920 sunlight readable screen 500 nits brightness		
	Touch technology	Multi capacitive screen Supported operations Finger USI 2.0 active stylus		
	Sound	Integrated sealed speaker with dual noise reducing microphones		
	Camera			
	Rear	32 MP, auto focus lens with dual LED flash light		
	Front	8 MP, fixed focus lens		
	RAM	8 GB LPDDR4X		
	Internal storage	256 GB Flash UFS 2.2		
	External storage			
	MicroSD	Maximum 256 GB		
	USB Type-C	USB3.1, Charging, OTG		
	USB Type-A	USB2.0 Host		
	GNSS	Dual Frequency receiver supporting Beidou Galileo		

GLONASS NavIC GPS QZSS

5G

FDD

TDD

3G

B38/39/40/41

B1/B2/B5/B8

802.11 a/b/g/n/ac (2.4 & 5GHz) BT5.1 BLE with enhanced filtering

FR1 N1/3/20/28/41/77/78/79

B1/2/3/4/5/7/8/12/13/17/20/25/28

WLAN

Bluetooth Cellular Dimensions

CSX8

	4	250 mm		19.5 mm	
	25439.001		156 mm		
Weight	Туре		Weight [kg]		
	CSX8 tablet		0.730		
Memory devices	Data can be st	ored on the m	icroSD card, USB s	tick or on the internal m	emory.
Power	Туре	Consump- tion [A]	External sup	oly voltage	
	CSX8	0.7	Input: 100-24 Output: 5.0V/ 1.5A	0 V~50/60Hz 3.0A or 9.0V/2.0A or 12.0	DV/
Internal battery	Туре	Battery	Voltage Capac	ity Operating tim typical*	ie,
	GEB256	Li-Ion	3.8 V 8200	mAh > 8 h (using a new ba	attery)
	* Operating tin use and bright	ne depends on ness, processo	n use of wireless o or drain and ambie	ommunication devices, d nt temperature.	isplay
Interfaces	Туре	USB Host	Bluetooth	RF antenna WiFi pass- through	
	CSX8	<ul> <li>USB Typ A (v2.0)</li> <li>USB Typ C (v3.1)</li> </ul>	e • Class 1 BT V5.1 e	WWAN     80     GNSS     a/b     WLAN     c     (2.     5 0	2.11 b/g/n/a 4 & GHz)

8.2	Conformity to Na	itional Regula	ations
Labelling CSX8	FCC ID: RFD-CSX8 / IC: 3177A-CSX8		CSX8 (EU) Art.No.: 971100 Model: LGT-08QA-2301 Marufactured: 20YY, Made in China Poert: 5/V ==::34/ 9.0V==:24/ 12V==:15A Net: 5/V ==::34/ 9.0V==:24/ 12V==:15A Net: 5/V==::34/ 9.0V==:24/ 12V==:15A SH2WLAN restriction to indoor use only.
Labelling GEB256	<image/> <text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text>		<image/>
Antennas	Туре	Antenna	Gain [dBi]
	WLAN	Flexible Plai F Antenna (	nar Inverted 2 FlexPIFA)
	Bluetooth	Flexible Plai F Antenna (	nar Inverted 2 FlexPIFA)
Product characterist-	Hardware version	Software ver	sion
ics	PCB V1.02	RLC00.50.B8.0	)1
Power range	Restriction: V	VLAN 5150 MHz	– 5250 MHz, only for indoor use.
	Non-Europea by the equipr in <i>italic</i> .	n radio frequenc nent were not pa	y bands and/or technologies supported art of the assessment and are marked
UMTS / LTE part	Mode		Characteristics
	Frequency band(s)	WCDMA	(FDD I, <i>II</i> , <i>XIX</i> )
		LTE	(FDD 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 20, 25, 28) (TDD 38, 39, 40, 41)

	Mode		Characteristics	
	Power class	WCDMA LTE	3	
Frequency bands, output power	Туре	Frequency band [MHz]	Output power <sup>1)</sup> [dBm]	Country restrictions
	Bluetooth	2402-2480	5.90	
	Bluetooth LE	2402-2480	4.74	
	WLAN 2.4 GHz	2412-2472	16.23	
	WLAN 5.2 GHz	5180-5240	18.00	See Japan
	SRD 5.8 GHz	5745-5825	13.74	See Japan
	WCDMA Band I	1920-1980	23.03	
	WCDMA Band III	1710-1785	24.77	
	WCDMA Band VIII	880-915	23.17	
	LTE Band 1	1920-1980	23.15	
	LTE Band 3	1710-1785	23.01	
	LTE Band 7	2500-2570	23.29	
	LTE Band 8	880-915	23.04	
	LTE Band 20	832-862	23.66	
	LTE Band 28	703–748	23.66	
	LTE Band 32 (download only)	1452-1496	n/a <sup>2)</sup>	
	LTE Band 38	2570-2620	23.16	
	LTE Band 40	2300-2400	22.71	
	GPS L1	1575.42	n/a <sup>2)</sup>	
	GPS L2	1227.6	n/a²)	
	GLONASS L1	1598.0625 - 1605.3750	n/a²)	
	GLONASS L2	1242.9375 - 1248.6250	n/a²)	
	Galileo E1	1575.42	n/a²)	
	Galileo E5a	1176.45	n/a <sup>2)</sup>	
	BeiDou B1	1575.42	n/a <sup>2)</sup>	
	BeiDou B2	1176.45	n/a²)	
	NavIC L5	1176.45	n/a <sup>2)</sup>	
	QZSS L1	1575.42	n/a²)	
	QZSS L1	1575.42	n/a²)	

#### SAR limits EU

The maximum results of Specific Absorption Rate (SAR) have found during testing are as follows:

1) Conducted power for mobile technologies and EIRP for other technologies.

<sup>2)</sup> Not applicable

Frequency band	Body (0mm Gap)	SAR <sub>10g</sub> Limit [W/kg]	
	Maximum SAR <sub>10g</sub> [W/kg]		
GSM	0.721	2.0	
WCDMA	0.915	2.0	
LTE	0.880	2.0	
NR	0.088	2.0	
EN-DC	0.560	2.0	
WLAN (2.4GHz)	0.160	2.0	
WLAN (5GHz)	0.317	2.0	
Bluetooth	0.057	2.0	
Simultaneous Transmis- sion	1.372	2.0	

#### **SAR limits USA**

The maximum results of Specific Absorption Rate (SAR) have found during testing are as follows:

Frequency band	Body (0mm Gap)	SAR <sub>1g</sub> Limit [W/kg]	
	Maximum SAR <sub>1g</sub> [W/kg]		
GSM	0.747	1.6	
WCDMA	0.723	1.6	
LTE	0.783	1.6	
5G NR	0.094	1.6	
5G NR EN-DC	0.673	1.6	
WLAN (5GHz)	0.392	1.6	
WLAN (2.4GHz)	0.160	1.6	
Bluetooth	0.054	1.6	
Simultaneous Transmis- sion	1.528	1.6	

EU

Hereby, Leica Geosystems AG declares that the radio equipment type CSX8 is in compliance with Directive 2014/53/EU and other applicable European Directives. The full text of the EU declaration of conformity is avail-

able at the following Internet address: http://www.leica-geosystems.com/ce.

The low band 5.15-5.35 GHz is for indoor use only.

()

AT, BE, BG, CH, CY, CZ, DE, DK, EE, EL, ES, FI, FR, HR, HU, IE, CE

IS, IT, LI, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, TR, UK

#### 

This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.

USA FCC ID: RFD-CSX8 Part 15 B/C/E, 22, 24, 27 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 This device must accept any interference received, including interference 2. that may cause undesired operation. 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, it may cause harmful interference to radio communications. However, there is no guarantee that interference does 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 the 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. Changes or modifications not expressly approved by Leica Geosystems for compliance could void the user's authority to operate the equipment. Canada CAN ICES-003 B/NMB-003 B IC: 3177A-CSX8 **Canada Compliance Statement** This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licenceexempt RSS(s). Operation is subject to the following two conditions: 1. This device may not cause interference This device must accept any interference, including interference that 2. may cause undesired operation of the device

Туре	Operating temperature [°C]	Storage temperature [°C]
CSX8	-20 to +60	-40 to +70

#### Protection against water, dust and sand

Туре	Protection
CSX8	IP66 & IP68 (IEC 60529)
	CSX8 is in compliance with IP68 only when protec- tion caps and battery cover are closed.
	IP6x: Dust tight. IPx6: Water projected in powerful jets. IPx8: Protected against continuous immersion in water. Tested for 1 hour in 1.50 m depth.
1 B	The IP rating is only ensured if all protection caps on the device are properly closed. No water proofing and dust proofing can be guaranteed if the protection caps are not properly closed.

#### Pollution degree

Туре	Pollution degree
CSX8	4 Flastrical equipment for indeer and outdoor use
	Electrical equipment for indoor and outdoor use.

# Humidity

Туре	Protection
CSX8	0 - 95% RH, non-condensing

#### Altitude

Туре	Usage	Range (abo	Range (above sea level)	
		[m]	[ft]	
CSX8	Operation	-1000 to 8848	-3280 to 29028	
	Storage	-1000 to 16000	-3280 to 52493	
Sound level				
Туре	Value			
CSX8	< 70 db(A)			

9	Software Licence Agreement/Warranty
Software Licence Agreement	This product contains software that is preinstalled on the product, or that is supplied to you on a data carrier medium, or that can be downloaded by you online according to prior authorisation from Leica Geosystems. Such software is protected by copyright and other laws and its use is defined and regulated by the Leica Geosystems Software Licence Agreement, which covers aspects such as, but not limited to, Scope of the Licence, Warranty, Intellectual Property Rights, Limitation of Liability, Exclusion of other Assurances, Govern- ing Law and Place of Jurisdiction. Please make sure, that at any time you fully comply with the terms and conditions of the Leica Geosystems Software Licence Agreement.
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	opensource@leica-geosystems.com in case you need additional information.

Appendix A	Appendix		
A.1	Appendix A: Operating Frequencies EU (CE)		
2G (EU)	Description	Туре	Details
	Supported Networks	GSM GPRS EDGE	
	Supported Bands Frequency range [MHz]	GSM900 Transmit Receive DCS1800 Transmit Receive	880 - 915 925 - 960 1710 - 1785 1805 - 1880
	Nominal conducted power [dBm]	GSM900 GSM1800 EDGE900 EDGE1800	33 29 26 26
	Modulation type	GMSK 8PSK	
	Antenna type	FPC	
	GPRS/EDGE Class	12	
3G (EU)	Description	Туре	Details
	Supported Networks	WCDMA HSDPA HSUPA	
	Supported Bands Frequency range [MHz]	Band 1 Transmit Receive Band 8 Transmit Receive	1920 - 1980 2110 - 2170 880 - 915 925 - 960
	Nominal conducted power [dBm]	Band 1 Band 8	24 25
	Modulation type	BPSK QPSK 16QAM	
	Antenna type	FPC	
			- / !!
40 (20)	Description	Type	Details
	Supported Bands	E-UIKA Band	FDD Band 1 FDD Band 3 FDD Band 7 FDD Band 8 FDD Band 20 FDD Band 28 TDD Band 38 TDD Band 40

Description	Туре	Details
	E-UTRA CA Band	TDD Band 38 TDD Band 40
Frequency range [MHz]	FDD-LTE Band 1 Transmit Receive	1920 - 1980 2110 - 2170
	FDD-LTE Band 3 Transmit Receive	1710 - 1785 1805 - 1880
	FDD-LTE Band 7 Transmit Receive	2500 - 2570 2620 - 2690
	FDD-LTE Band 8 Transmit Receive	880 - 915 925 - 960
	FDD-LTE Band 20 Transmit Receive	832 - 862 791 - 821
	FDD-LTE Band 28 Transmit Receive	703 - 748 758 - 803
	TDD-LTE Band 38 Transmit Receive	2570 - 2620 2570 - 2620
	TDD-LTE Band 40 Transmit Receive	2300 - 2400 2300 - 2400
	TDD-LTE CA Band 38 Transmit Receive	2570 - 2620 2570 - 2620
	TDD-LTE CA Band 40 Transmit Receive	2300 - 2400 2300 - 2400
Nominal conducted power [dBm]	FDD-LTE Band 1 FDD-LTE Band 3 FDD-LTE Band 7 FDD-LTE Band 8 FDD-LTE Band 20 FDD-LTE Band 28 TDD-LTE Band 38 TDD-LTE Band 40 TDD-LTE CA Band 38 TDD-LTE CA Band 40	23 23 24 24 24 23 23 23 24 22 24
Modulation type	QPSK 16QAM	
Antenna type	FPC	

Description	Туре	Details
Supported Bands	SA Band	N1 N3 N20 N28 N41 N77 N78
	NSA Band	DC_1A_N28A DC_1A_N77A DC_1A_N78A DC_3A-N28A DC_3A-N77A DC_7A_N28A DC_8A_N77A DC-28A_N78A DC_3A-N1A DC_3A-N1A DC_1A-N3A DC_1A-N3A DC_20A-N3A DC_20A-N3A DC_1A-N41A DC_3A-N41A DC_3A-N41A DC_40A_N78A
Frequency range [MHz]	N1 Transmit Receive	1920 - 1980 2110 - 2170
	N3 Transmit Receive	1710 - 1785 1805 - 1880
	N20 Transmit Receive	832 - 862 791 - 821
	N28 Transmit Receive	703 - 748 758 - 803
	N41 Transmit Receive	2496 - 2690 2496 - 2690
	N77 Transmit Receive	3300 - 4200 3300 - 4200
	N78 Transmit Receive	3300 - 3800 3300 - 3800

	Description	Туре	Details
	Description Nominal conducted power [dBm]	Type           N1           N3           N20           N28           N41           N77           N78           1A_N28A           1A_N77A           1A_N78A           3A_N28A	<b>Details</b> 24 24 24 24 23 28 27 27 27 23 25 25 25
		3A_N77A 7A_N28A 8A_N77A 28A_N78A	24 24 24 24
	Modulation type	UL & DL up to 256QAN	1
	Antenna type	FPC	
Bluetooth®	Description	Туре	
(EU)	Radio Technology	Bluetooth V5.1	
	Frequency range [MHz]	2402 - 2480	
	Nominal conducted power [dBm]	7	
	Modulation type	GFSK π/4-DQPSK 8DPSK	
	Antenna type	FPC	
WiFi 2.4 GHz	Description	Туре	Details
(EU)	Supported Standards	802.11b/g/n (HT20) 802.11n (HT40)	
	Frequency range [MHz]	802.11b/g/n (HT20) 802.11n (HT40)	2412 - 2472 2422 - 2462
	Nominal conducted power [dBm]	13	
	Modulation type	CCK OFDM QPSK BPSK 16QAM 64QAM	
	Antenna type	FPC	
WiFi 5 GHz	Description	Туре	
(EU)	Supported Standards	802.11a 802.11n (HT20/40) 802.11ac-VHT80	

# Bluetooth®

Description	Туре
Frequency range [MHz]	5745 - 5825
Nominal conducted power [dBm]	12
Modulation type	QPSK BPSK 16QAM 64QAM 256QAM
Antenna type	FPC

# A.2

# Appendix B: Operating Frequencies US/CAN

2G (US/CAN)

Description	Туре	Details
Supported Networks	GSM GPRS EDGE	
Supported Bands Frequency range [MHz]	GSM/GPRS/EDGE 850 Transmit Receive GSM/GPRS/EDGE 1900 Transmit Receive	824 - 849 869 - 894 1850 - 1910 1930 - 1990
Nominal conducted power [dBm]	GSM850 GSM1900 EDGE850 EDGE1900	34 31 28 27
Modulation type	GMSK 8PSK	
Antenna type	FPC	
GPRS/EDGE Class	12	

### 3G (US/CAN)

Description	Туре	Details
Supported Networks	WCDMA	
	HSDPA	
	HSUPA	
Supported Bands	WCDMA Band 2	
Frequency range [MHz]	Transmit	1850 - 1910
	Receive	1930 - 1990
	WCDMA Band 5	
	Transmit	824 - 849
	Receive	869 - 894
Nominal conducted power	Band 1	24
[dBm]	Band 8	25
Modulation type	BPSK	
	QPSK	
	16QAM	

	Description	Туре	Details
	Antenna type	FPC	
4G (US/CAN)	Description	Туре	Details
	Supported Bands	FDD-LTE	Band 2 Band 4 Band 5 Band 7 Band 12 Band 13 Band 17 Band 25
		TDD-LTE	Band 38 Band 40 Band 41
	Frequency range [MHz]	FDD-LTE Band 2 Transmit Receive	1850 - 1910 1930 - 1990
		FDD-LTE Band 4 Transmit Receive	1710 - 1755 2110 - 2155
		FDD-LTE Band 5 Transmit Receive	824 - 849 869 - 894
		FDD-LTE Band 7 Transmit Receive	2500 - 2570 2620 - 2690
		FDD-LTE Band 12 Transmit Receive	699 - 716 729 - 746
		FDD-LTE Band 13 Transmit Receive	777 - 787 746 - 756
		FDD-LTE Band 17 Transmit Receive	704 - 716 734 - 746
		FDD-LTE Band 25 Transmit Receive	1850 - 1915 1930 - 1995
		TDD-LTE Band 38 Transmit Receive	2570 - 2620 2570 - 2620
		TDD-LTE CA Band 38 Transmit Receive	2570 - 2620 2570 - 2620
		TDD-LTE Band 40 Transmit Receive	2305 - 2315 2305 - 2315

Description	Туре	Details
	TDD-LTE CA Band 40 Transmit Receive	2350 - 2360 2350 - 2360
	TDD-LTE Band 41 Transmit Receive	2496 - 2690 2496 - 2690
	TDD-LTE CA Band 41 Transmit Receive	2496 - 2690 2496 - 2690
Nominal conducted power [dBm]	FDD-LTE Band 2 FDD-LTE Band 4 FDD-LTE Band 5 FDD-LTE Band 7 FDD-LTE Band 12 FDD-LTE Band 13 FDD-LTE Band 17 FDD-LTE Band 25 TDD-LTE Band 38 TDD-LTE CA Band 38 TDD-LTE CA Band 40 TDD-LTE CA Band 41 TDD-LTE CA Band 41	24 24 24 24 23 24 24 24 24 23 22 25 24 23 23
Modulation type	QPSK 16QAM	
Antenna type	FPC	

# 5G (US/CAN)

Description	Туре	Details
Supported Bands	SA Band	N41
		N77
		N78
Frequency range [MHz]	N41	
	Transmit	2496 - 2690
	Receive	2496 - 2690
	N77	
	Transmit	3450 - 3550
	Receive	3450 - 3550
	N77	
	Transmit	3700 - 3980
	Receive	3700 - 3980
	N78	
	Transmit	3450 - 3550
	Receive	3450 - 3550
	N 78	
	Transmit	3650 - 3700
	Receive	3650 - 3700
	N78	
	Transmit	3700 - 3800
	Receive	3700 - 3800

	Description	Туре	Details
	Nominal conducted power [dBm]	N41 N77_3450 - 3550 MHz N77_3700 - 3980 MHz N78_3450 - 3550 MHz N78_3650 - 3700 MHz N78_3700 - 3800 MHz	25 24 25 23 24
	Modulation type	DFT-s-OFDM	PI/2 BPSK QPSK 16QAM 64QAM 256QAM
		CP-OFDM	QPSK 16QAM 64QAM 256QAM
	Antenna type	FPC	
Bluetooth® (US)	Description	Туре	
	Radio Technology	Bluetooth V5.0 (BLE mode)	
	Frequency range [MHz]	2402 - 2480	
	Nominal conducted power [dBm]	6	
	Modulation type	GFSK	
	Antenna type	FPC	
Bluetooth®	Description	Туре	Description
(CAN)	Radio Technology	Bluetooth V5.0 (BLE mode)	Bluetooth V5.0 (BR/EDR mode)
	Frequency range [MHz]	2402 - 2480	2402 - 2480
	Nominal conducted power [dBm]	6	9
	Modulation type	GFSK	GFSK π/4-DQPSK 8DPSK
	Antenna type	FPC	FPC
WiFi 2.4 GHz	Description	Туре	Details
(US/CAN)	Supported Standards	802.11b/g/n (HT20) 802.11n (HT40)	
	Frequency range [MHz]	802.11b/g/n (HT20) 802.11n (HT40)	2412 - 2462 2422 - 2452

Description	Туре	Details
Nominal conducted power [dBm]	16	
Modulation type	CCK OFDM QPSK BPSK 16QAM 64QAM	
Antenna type	FPC	
Description	Туре	Details
Supported Standards	802.11a 802.11n (HT20/40) 802.11ac-VHT80	
Frequency range [MHz]	802.11a 802.11n (HT20) 802.11n (HT40) 802.11ac-VHT80	5150 - 5250 5250 - 5350 5470 - 5725 5725 - 5850
Nominal conducted power [dBm]	15	
Modulation type	QPSK 16QAM 64QAM 256QAM	
Antenna type	FPC	

#### WiFi 5 GHz (US/CAN)

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