

## UK Declaration of Conformity

16<sup>th</sup> of January, 2024

Kaunas

**Declaring Organization:** TELTONIKA NETWORKS UAB  
**Product Name:** 5G Router  
**Product Model Name:** RUTX50

Used frequency range of built-in RF module:

Band		UL f, MHz	DL f, MHz
WCDMA	1	1920-1980	2110-2170
	8	880-915	925-960
LTE-FDD	1	1920-1980	2110-2170
	3	1710-1785	1805-1880
	7	2500-2570	2620-2690
	8	880-915	925-960
	20	832-862	791-821
	28	703-733	758-788
LTE-TDD	38	2570-2620	
	40	2300-2400	
	42	3400-3600	
	43	3600-3800	
5G NR (SA)	n1	1920-1980	2110-2170
	n3	1710-1785	1805-1880
	n8	880-915	925-960
	n20	832-862	791-821
	n38	2570-2620	
	n41	2496-2690	
5G NR (SA, NSA)	n7	2500-2570	2620-2690
	n28	703-733	758-788
	n40	2300-2400	
	n77	3300-4200	
	n78	3300-3800	

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Kaunas, Lithuania

Registration code 305579419  
VAT number LT100013223510

Swedbank AB  
LT78 7300 0101 6274 0111  
S.W.I.F.T. HABALT22

Data on the company is collected and stored in the Register of Legal Entities of the Republic of Lithuania.



Band		UL f, MHz	DL f, MHz
GNSS	GPS L1, L5	1575.42, 1176.45	
	Galileo E1, E5	1575.42, 1176.45	
	BDS B11	1561.098	
	GLONASS G1	1602 + n*0.5625 (n is a satellite's frequency channel number from -7 ~ 6)	
Wi-Fi 2.4 GHz	1-13	2412-2472	
Wi-Fi 5 GHz	U-NII-1	5180-5240	
	U-NII-2A	5260-5320	
	U-NII-2C	5500-5700	
	U-NII-3	5745-5825	

Transmit Power:

- Wi-Fi 2.4 GHz: 18.55 dBm (EIRP)
- Wi-Fi 5 GHz: 16.64 dBm (EIRP)
- Wi-Fi 5.8 GHz: 13.97 dBm (EIRP)
- WCDMA Band 1/8: 24 dBm
- LTE Band 1/3/8/20/28/38/40: 23dBm
- LTE Band 7: 24dBm
- LTE Band 42/43: 26dBm
- 5G NR Band 1/3/7/8/20/28/38/40: 23dBm
- 5G NR Band 41/77/78: 26dBm

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TELTONIKA NETWORKS UAB, hereby declare under our sole responsibility that the above-described product is in conformity with the following UK Statutory Instruments as amended: SI 2017 No. 1206 (Radio Equipment Regulations 2017).

The conformity with the essential requirements has been demonstrated against the following designated standards:

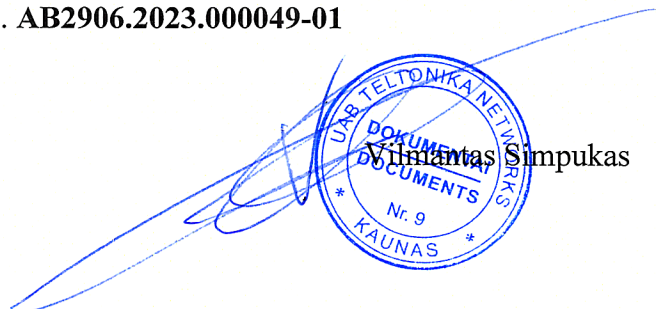
Designated standard reference	Chapter of Radio Equipment Regulations 2017	Test report No.
EN IEC 62368-1:2020 + A11:2020 EN IEC 62311:2020	6(1)(a) Health and safety	SZES220900574901 SZCR231200396510
EN 55032:2015 + A11:2020 + A1:2020 EN 55035:2017 + A11:2020 EN IEC 61000-3-2:2019 + A1:2021 EN 61000-3-3:2013 + A1:2019 + A2:2021 EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2 EN 301 489-17 V3.2.4 EN 301 489-19 V2.2.1 EN 301 489-52 V1.2.1	6(1)(b) Electromagnetic Compatibility	SZCR231200396501 SZCR231200396502
EN 300 328 V2.2.2 EN 300 440 V2.2.1 EN 301 893 V2.1.1 EN 301 908-1 V15.2.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.2.1 EN 301 908-25 V15.1.1_15.0.6 EN 303 413 V1.2.1	6(2) Radio Spectrum	SZCR231200396503 SZCR231200396504 SZCR231200396505 SZCR231200396506 SZCR231200396507 SZCR231200396508 SZCR231200396509

The conformity assessment has been followed with the involvement of a UK BEIS Approved Body: SGS North America, Inc., 620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, United States. Approved Body No.: **AB2906**.

Therefore **UK CA** is placed on the product.

UK Type Examination Certificate No. **AB2906.2023.000049-01**

Head of Technical Support Division

  
Vilimantas Simpukas



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