

## UK Declaration of Conformity

 19<sup>th</sup> of May, 2023

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
	8	880-915
LTE-FDD	1	1920-1980
	3	1710-1785
	7	2500-2570
	8	880-915
	20	832-862
LTE-TDD	28	703-733
	38	2570-2620
	40	2300-2400
	42	3400-3600
5G NR (SA)	43	3600-3800
	n1	1920-1980
	n3	1710-1785
	n8	880-915
	n20	832-862
	n38	2570-2620
5G NR (SA, NSA)	n41	2496-2690
	n7	2500-2570
	n28	703-733
	n40	2300-2400
	n77	3300-4200
	n78	3300-3800

TELTONIKA NETWORKS UAB  
 K. Barsausko st. 66, LT-51436  
 Kaunas, Lithuania

Registration code 305579419  
 VAT number LT100013223510

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

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<b>GNSS</b>	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)
<b>Wi-Fi 2.4GHz</b>	1-13	2412-2472
<b>Wi-Fi 5GHz</b>	U-NII-1	5180-5240
	U-NII-2A	5260-5320
	U-NII-2C	5500-5700
	U-NII-3	5745-5825

Transmit Power:

- Wi-Fi 2.4GHz: 18.55 dBm (EIRP)
- Wi-Fi 5GHz: 16.64 dBm (EIRP)
- Wi-Fi 5.8GHz: 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 SZCR220900328210
EN 55032:2015 + A11:2021 + 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 V2.1.1 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	SZCR220900328201 SZCR220900328202
EN 300 328 V2.2.2 EN 300 440 V2.2.1 EN 301 893 V2.1.1 EN 301 908-1 V13.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.1.1 EN 301 908-25 V15.1.1_15.0.6 EN 303 413 V1.2.1	6(2) Radio Spectrum	SZCR220900328203 SZCR220900328204 SZCR220900328205 SZCR220900328206 SZCR220900328207 SZCR220900328208 SZCR220900328209

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  is placed on the product.

EU Type Examination Certificate No. **AB2906.2023.000049**

Head of Technical Support Division

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