

UK Declaration of Conformity

15th 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:

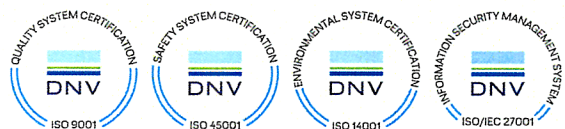
Band	UL f, MHz	DL f, MHz
WCDMA	1	1920-1980
	8	880-915
LTE-FDD	1	1920-1980
	3	1710-1785
	7	2500-2570
	8	880-915
	20	832-862
	28	703-733
LTE-TDD	38	2570-2620
	40	2300-2400
	42	3400-3600
	43	3600-3800
5G NR (SA)	n1	1920-1980
	n3	1710-1785
	n8	880-915
	n20	832-862
	n38	2570-2620
	n41	2496-2690
5G NR (SA,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

TELTONIKA NETWORKS UAB
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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 2.4GHz	1-13	2412-2472
Wi-Fi 5GHz	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 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	SZCR231200396501 SZCR231200396502 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  is placed on the product.

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

Head of Technical Support Division

 **Wilmantas Simpukas**



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