

EU 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	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	

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

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

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

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



TELTONIKA NETWORKS UAB, hereby declare under our sole responsibility that the above-described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED).

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

Harmonized standard reference	Article of Directive 2014/53/EU	Test report No.
EN IEC 62368-1:2020 + A11:2020 EN IEC 62311:2020	Health and safety – Article 3.1(a)	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	Electromagnetic compatibility – Article 3.1(b)	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	Efficient use of radio spectrum – Article 3.2	SZCR231200396501 SZCR231200396502 SZCR231200396503 SZCR231200396504 SZCR231200396505 SZCR231200396506 SZCR231200396507 SZCR231200396508 SZCR231200396509

The conformity assessment procedure referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body: SGS North America, Inc., 620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, United States. Notified Body No.: **NB2906**.

Therefore **CE** is placed on the product.

EU Type Examination Certificate No. **NB2906.2023.000113-01**

Head of Technical Support Division

Vilmantas Simpukas

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

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

