UAB TELTONIKA NETWORKS
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EU Declaration of Conformity

28th of May, 2025

Kaunas

Declaring Organization: TELTONIKA NETWORKS, UAB

Product Name: 5G Router

Product Model Name: RUTX50

Used frequency range of built-in RF module:

Bands		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	

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5G NR (SA, NSA)	n7	2500-2570	2620-2690
	n28	703-733	758-788
	n40	2300-2400	
	n77	3300-4200	
	n78	3300-3800	
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: 23 dBm
- LTE Band 7: 24 dBm
- LTE Band 42/43: 26 dBm
- 5G NR Band 1/3/7/8/20/28/38/40: 23 dBm
- 5G NR Band 41/77/78: 26 dBm

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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), Directive 2011/65/EU with amendment (EU) 2015/863 (RoHS), and Directive 2009/125/EC (Ecodesign).

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

EU Directive		**Harmonized standard reference**	**Test report No.**
2014/53/EU (RED)	Health and safety – Article 3.1(a)	EN IEC 62368-1:2020 + A11:2020 EN IEC 62311:2020	SZES220900574901 SZCR231200396510
	Electromagnetic compatibility – Article 3.1(b)	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	SZCR231200396501 SZCR231200396502
	Efficient use of radio spectrum – Article 3.2	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	SZCR231200396503 SZCR231200396504 SZCR231200396505 SZCR231200396506 SZCR231200396507 SZCR231200396508 SZCR231200396509
	Cybersecurity requirements – Articles 3(3)(d), (e)	EN 18031-1:2024 EN 18031-2:2024	GZCS241000019801 GZCS241000019802
2011/65/EU with amendment (EU) 2015/863 (RoHS)		EN IEC 63000:2018	-
2009/125/EC (Ecodesign)		-	-

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The conformity assessment procedure referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU Articles **3.1(a); 3.1(b); 3.2** 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**.

Directive 2014/53/EU Articles **3(3)(d), (e)** has been followed with the involvement of the following Notified Body: SGS Fimko Oy., Takomotie 8 FI-00380 Helsinki, Finland. Notified Body No.: **NB0598.**

Therefore CE is placed on the product.

EU Type Examination Certificate (Articles **3.1(a); 3.1(b); 3.2**) No. **NB2906.2023.000113-01**

EU Type Examination Certificate (Articles **3(3)(d), (e)**) No. **RED-3465**

Head of Technical Support Division Vilmantas Simpukas