

## EU Declaration of Conformity

30<sup>th</sup> of July, 2024

Kaunas

**Declaring Organization:** TELTONIKA NETWORKS, UAB  
**Product Name:** 5G Router  
**Product Model Name:** RUTM51

Used frequency range of built-in RF module:

Bands		UL f, MHz	DL f, MHz
WCDMA	1	1920-1980	2110-2170
	5 <sup>1</sup>	824-849	869-894
	8	880-915	925-960
LTE-FDD	1	1920-1980	2110-2170
	3	1710-1785	1805-1880
	5 <sup>1</sup>	824-849	869-894
	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	
5G NR (SA, NSA)	n1	1920-1980	2110-2170
	n3	1710-1785	1805-1880
	n5 <sup>1</sup>	824-849	869-894
	n7	2500-2570	2620-2690
	n8	880-915	925-960
	n20	832-862	791-821
	n28	703-733	758-788
	n38	2570-2620	
	n40	2300-2400	
	n41	2496-2690	
	n77	3300-4200	
n78	3300-3800		
Wi-Fi 2.4 GHz	1-13	2412-2472	

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.



Bands	UL f, MHz	DL f, MHz
Wi-Fi 5 GHz	U-NII-1	5180-5240
	U-NII-2A	5260-5320
	U-NII-2C	5500-5700
	U-NII-3	5745-5825

<sup>1</sup> – Not supported in Europe region.

**Transmit Power:**

- Wi-Fi 2.4 GHz: 17.98 dBm (EIRP)
- Wi-Fi 5 GHz: 16.97 dBm (EIRP)
- Wi-Fi 5.8 GHz: 13.95 dBm (EIRP)
- WCDMA Band 1/5/8: 25 dBm
- LTE Band 1/3/5/7/8/20/28/38/40: 25 dBm
- 5G NR Band 1/3/5/7/8/20/28/38/40: 25 dBm
- 5G NR Band 41/77/78: 28 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).

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)	SZES240200126401 SZCR240200057509
EN 55032:2015 + A11:2020 + A1:2020 EN 55035:2017 + A11:2020 EN 61000-3-3:2013 + A1:2019 + A2:2021 EN IEC 61000-3-2:2019 + A1:2021 EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2 EN 301 489-17 V3.2.4 EN 301 489-52 V1.2.1	Electromagnetic compatibility – Article 3.1(b)	SZCR240200057501 SZCR240200057502
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 Draft EN 301 908-25 V15.1.1 0.0.21	Efficient use of radio spectrum – Article 3.2	SZCR240200057503 SZCR240200057504 SZCR240200057505 SZCR240200057506 SZCR240200057507 SZCR240200057508

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. **NB2906.2024.000270**

Head of Technical Support Division

  
Vilimantas Simpukas

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