UAB TELTONIKA NETWORKS
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EU Declaration of Conformity

30th of July, 2025

Kaunas

Declaring Organization: TELTONIKA NETWORKS, UAB

Product Name: 5G Ethernet Gateway

Product Model Name: TRB500

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	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	703-748	758-803
	38	2570-2620	2570-2620
	40	2300-2400	2300-2400
	42	3400-3600	3400-3600
	43	3600-3800	3600-3800
NR	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	703-748	758-803
	38	2570-2620	2570-2620
	40	2300-2400	2300-2400
	41	2496-2690	2496-2690
	77	3400-4200	3400-4200
	78	3400-3800	3400-3800

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Transmit Power:

- 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
- NR Band 1/3/7/8/20/28/38/40: 23dBm
- NR Band 41/77/78: 26dBm

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)	Article 3.1(a) (Health and Safety)	EN IEC 62311:2020 EN IEC 62368-1:2020+A11:2020	SZCR221000353306 SZES221000617201
	Article 3.1(b) (Electromagnetic Compatibility)	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 301 489-52 V1.2.1	SZCR221000353301 SZCR221000353302
	Article 3.2 (Efficient Use of Radio Spectrum)	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	SZCR221000353303 SZCR221000353304 SZCR221000353305
	Article 3.3(d), (e) (Cybersecurity Requirements)	EN 18031-1:2024 EN 18031-2:2024	GZCS250500028701 GZCS250500028702
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)**, and **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**.

Therefore CE is placed on the product.

EU Type Examination Certificate (**Articles 3.1(a)**, **3.1(b)**, and **3.2**) No. **NB2906.2022.000299**

Head of Technical Support Division Vilmantas Simpukas

UAB TELTONIKA NETWORKS DOKUMENTAI DOCUMENTS Nr. 9 KAUNAS