UAB TELTONIKA NETWORKS
K. Baršausko st. 66, LT-51436, Kaunas, Lithuania
Tel. +370 37 21 6110
info@teltonika.lt

UK Declaration of Conformity

17th of January, 2025

Kaunas

Declaring Organization:	TELTONIKA NETWORKS, UAB
Product Name:	5G Router
Product Model Name:	RUTM54

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	703-748	758-803
LTE-TDD	34	2010-2025	
	38	2570-2620	
	40	2300-2400	
	41	2496-2690	
	42	3400-3600	
	43	3600-3800	

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Bands		UL f, MHz	DL f, MHz
5G NR (SA, NSA)	n1	1920-1980	2110-2170
	n3	1710-1785	1805-1880
	n7	2500-2570	2620-2690
	n8	880-915	925-960
	n20	832-862	791-821
	n28	703-748	758-803
	n38	2570-2620	
	n40	2300-2400	
	n41	2496-2690	
	n77	3300-4200	
	n78	3300-3800	
GNSS	GPS L1 C/A	1575.42	
	Galileo E1	1575.42	
	BDS B1l, B1C	1561.098, 1575.42	
	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: 17.98 dBm (EIRP)
- Wi-Fi 5 GHz: 16.97 dBm (EIRP)
- Wi-Fi 5.8 GHz: 13.95 dBm (EIRP)
- WCDMA Band 1/8: 24 dBm
- LTE Band 1/3/7/8/20/28/34/38/40/42/43: 24 dBm
- LTE Band 41: 27 dBm
- 5G NR Band n1/n3/n7/n8/n20/n28/n38/n40: 24 dBm
- 5G NR Band n41/n77/n78: 27 dBm

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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 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (S.I. 2012/3032) and The Ecodesign for Energy-Related Products and Energy Information Regulations 2021 (S.I. 2021/745).

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

UK Regulation	Designated standard reference	Test report No.
Radio Equipment Regulations 2017 (S.I. 2017/1206)	EN IEC 62311:2020 EN IEC 62368-1:2020 + A11:2020 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 V3.3.1 EN 301 489-19 V2.2.1 EN 301 489-52 V1.2.1 EN 300 328 V2.2.2, EN 303 413 V1.2.1 EN 301 893 V2.1.1, EN 300 440 V2.2.1 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	SZES241100819501 SZCR241000377901 SZCR241000377902 SZCR241000377903 SZCR241000377904 SZCR241000377905 SZCR241000377906 SZCR241000377907 SZCR241000377908 SZCR241000377909 SZCR241000377910
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (S.I. 2012/3032)	EN IEC 63000:2018	-
The Ecodesign for Energy-Related Products and Energy Information Regulations 2021 (S.I. 2021/745)	-	-

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 UKCA is placed on the product.

UK Type Examination Certificate No. **AB2906.2025.000003**

Head of Technical Support Division Vilmantas Simpukas