UAB TELTONIKA NETWORKS
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EU Declaration of Conformity

14th of May, 2026

Kaunas

Declaring Organization: TELTONIKA NETWORKS, UAB

Product Name: PI-Compatible 5G Modem

Product Model Name: Calyx 5G / EBD050

Used frequency range of built-in RF module:

Bands		UL f, MHz	DL f, MHz
WCDMA	1	1920-1980	2110-2170
	5	824-849	869-894
	8	880-915	925-960
LTE	1	1920-1980	2110-2170
	3	1710-1785	1805-1880
	5	824-849	869-894
	7	2500-2570	2620-2690
	8	880-915	925-960
	20	832-862	791-821
	28	703-748	758-803
	32	N/A	1452-1496
	38	2570-2620	
	40	2300-2400	
	41	2496-2690	
	42	3400-3600	
	43	3600-3800	
NR	n1	1920-1980	2110-2170
	n3	1710-1785	1805-1880
	n5	824-849	869-894
	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	
	n75	N/A	1432-1517
	n76	N/A	1427-1432
	n77	3400-4200	

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	n78	3400-3800

Transmit Power:

- WCDMA Band 1/5/8: 25dBm
- LTE Band 1/3/5/7/8/20/28/40: 25dBm
- LTE Band 38/41/42/43: 28dBm
- 5G NR Band 1/3/5/7/8/20/28/40: 25dBm
- 5G NR Band 38/41/77/78: 28dBm

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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)	Article 3.1(a) (Health and Safety)	EN IEC 62311:2020 EN IEC 62368-1:2020 + A11:2020	SZCR260200057206 SZES260200129201
	Article 3.1(b) (Electromagnetic Compatibility)	EN 55032:2015 + A11:2020 + A1:2020 EN 55035:2017 + A11:2020 EN 301 489-1 V2.2.3 EN 301 489-52 V1.3.1	SZCR260200057201 SZCR260200057202
	Article 3.2 (Efficient Use of Radio Spectrum)	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	SZCR260200057203 SZCR260200057204 SZCR260200057205
2011/65/EU with amendment (EU) 2015/863 (RoHS)		EN IEC 63000:2018	-
2009/125/EC (Ecodesign)		-	-

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. **NB2906.2026.000282**

Head of Technical Support Division Vilmantas Simpukas

