



Federative Republic of Brazil  
Telecommunications National Agency

## Certificate of Equipment Authorization

(Not Transferable)

Nº **00967-20-08591**

Expires: **Indeterminada**

Date of Certificate: **06/05/2022**

Applicant:

**CNPJ: 35.752.182/0001-31**

**TELTONIKA DO BRASIL DISTRIBUIDORA DE EQUIPAMENTOS TELTONIKA EMS UAB  
ELETRÔNICOS E DE TELECOMUNICAÇÕES LTDA**

Manufacturer:

**LIEPKALNIO ST. 132A**

Nº

**LT-02121**

**LITUÂNIA**

This document approves, in accordance with the Telecommunication Rules and Regulations, the Certificate of Conformity number 00119218, issued by **Instituto Brasileiro de Certificação para produtos de Telecomunicações**. This approval is issued on behalf of the applicant here identified and is valid only for the product described below for use under the Anatel's Rules and Regulations.

Type - Category:

**Estação Terminal de Acesso - I**

Model - Comercial Name (s)

**TRB140 /TRB141 /TRB142 /TRB145**

Basic technical characteristics:

Potência Máxima de Saída (W)	Faixa de Frequências Tx (MHz)	Tipo de Modulação	Designação de Emissões	Tecnologia
0,2223	703,0 a 748,0	QPSK, 16QAM	3M00G7W, 5M00G7W, 10M0G7W	LTE
0,2223	703,0 a 748,0	QPSK, 16QAM	15M0G7W, 20M0G7W	LTE
1,5595	824,0 a 849,0	-	200KG7W	GSM/GPRS/EDGE
0,2152	824,0 a 849,0	-	5M00G7W	WCDMA/HSDPA/HSUPA
0,2188	824,0 a 849,0	QPSK, 16QAM	1M40G7W, 3M00G7W, 5M00G7W	LTE
0,2188	824,0 a 849,0	QPSK, 16QAM	10M0G7W	LTE
1,7538	898,5 a 901,0	-	200KG7W	GSM/GPRS/EDGE
0,2118	898,5 a 901,0	-	5M00G7W	WCDMA/HSDPA/HSUPA
0,2138	898,5 a 901,0	QPSK, 16QAM	1M40G7W, 3M00G7W, 5M00G7W	LTE
1,7538	907,5 a 915,0	-	200KG7W	GSM/GPRS/EDGE
0,2118	907,5 a 915,0	-	5M00G7W	WCDMA/HSDPA/HSUPA
0,2138	907,5 a 915,0	QPSK, 16QAM	1M40G7W, 3M00G7W, 5M00G7W	LTE
1,1857	1.710,0 a 1.785,0	-	200KG7W	GSM/GPRS/EDGE
0,228	1.710,0 a 1.785,0	-	5M00G7W	WCDMA/HSDPA/HSUPA
0,2415	1.710,0 a 1.785,0	QPSK, 16QAM	1M40G7W, 3M00G7W, 5M00G7W	LTE
0,2415	1.710,0 a 1.785,0	QPSK, 16QAM	10M0G7W, 15M0G7W, 20M0G7W	LTE
1,0471	1.895,0 a 1.900,0	-	200KG7W	GSM/GPRS/EDGE
0,2177	1.920,0 a 1.980,0	-	5M00G7W	WCDMA/HSDPA/HSUPA
0,2075	1.920,0 a 1.980,0	QPSK, 16QAM	5M00G7W, 10M0G7W, 15M0G7W	LTE
0,2075	1.920,0 a 1.980,0	QPSK, 16QAM	20M0G7W	LTE
0,2148	2.500,0 a 2.570,0	QPSK, 16QAM	5M00G7W, 10M0G7W, 15M0G7W	LTE
0,2148	2.500,0 a 2.570,0	QPSK, 16QAM	20M0G7W	LTE

Ensaio de SAR não aplicável.

Implementa protocolo IPv6.

Comments

A validade deste certificado está vinculada à vigência da homologação ANATEL 06239-18-07968, relativa ao módulo incorporado ao produto.

Na sua utilização o produto deve estar ajustado na(s) potência(s) e frequência(s) autorizadas pelo órgão técnico competente da Agência Nacional de Telecomunicações – Anatel.

This certificate replaces the certificate of the same number issued in 25/01/2021

Constitutes an obligation of the manufacturer or supplier of the product in Brazil to identify all approved products with Anatel's mark before its distribution to the market, as well as observe and maintain the technical characteristics which motivated the original certification.

The information in this Approval Certificate can be confirmed in the Certification and Approval Management System - SCH, available on Anatel's website. ([www.anatel.gov.br](http://www.anatel.gov.br)).

Davison Gonzaga da Silva  
Gerente de Certificação e Numeração