



Federative Republic of Brazil
Telecommunications National Agency

Certificate of Equipment Authorization

(Not Transferable)

Nº **00967-20-08591**

Expires: **Indeterminada**

Date of Certificate: **27/02/2020**

Applicant:

CNPJ: 35.752.182/0001-31

TELTONIKA DO BRASIL DISTRIBUIDORA DE EQUIPAMENTOS UAB TELTONIKA

ELETRÔNICOS E DE TELECOMUNICAÇÕES LTDA

Manufacturer:

SALTONISKIU ST. 9B-1, LT-08105

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:

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

Ensaio de SAR não aplicável: o equipamento não é terminal portátil.

A norma de telecom (da tecnologia celular) não está sendo referenciada pelo fato do equipamento utilizar internamente os módulos EC25-AU e EC21-AU, fabricante: Quectel Wireless Solutions Co., Ltd., homologados sob o N.º. 06239-18-07968, sendo esta certificação vinculada à vigência da referida

homologação.

Possui antena não integrada.

Possui protocolo IPv6.

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).

Davison Gonzaga da Silva
Gerente de Certificação e Numeração