



Certificate of Equipment Authorization

(Not Transferable)

Nº **15831-20-05739**

Expires: **Indeterminada**
Date of Certificate: **16/09/2024**

Applicant: **CNPJ: 03.800.074/0002-81
ADVANTECH BRASIL S/A**

Manufacturer: **ADVANTECH B+B SMARTWORX S.R.O
SOKOLSKA 71 562 04 USTI NAD ORLICI III
Nº**

REPÚBLICA CHECA

This document approves, in accordance with the Telecommunication Rules and Regulations, the Certificate of Conformity number MT-5836/2022, issued by **MASTER ASSOCIACAO DE AVALIACAO DE CONFORMIDADE TELECOM**. 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

Model - Commercial Name (s)
ICR-3232 /ICR-3232W

Basic technical characteristics:

Potência Máxima de Saída (W)	Tecnologia	Designação de Emissões	Tipo de Modulação	Faixa de Frequências Tx (MHz)
1,5595	GSM/GPRS/EDGE	200KG7W	GMSK/8PSK	824,0 a 849,0
1,7538	GSM/GPRS/EDGE	200KG7W	GMSK/8PSK	898,5 a 901,0
1,7538	GSM/GPRS/EDGE	200KG7W	GMSK/8PSK	907,5 a 915,0
1,1857	GSM/GPRS/EDGE	200KG7W	GMSK/8PSK	1.710,0 a 1.785,0
1,0471	GSM/GPRS/EDGE	200KG7W	GMSK/8PSK	1.895,0 a 1.900,0
0,2152	WCDMA/HSDPA/HSUPA	5M00G7W	QPSK/16QAM	824,0 a 849,0
0,2118	WCDMA/HSDPA/HSUPA	5M00G7W	QPSK/16QAM	898,5 a 901,0
0,2118	WCDMA/HSDPA/HSUPA	5M00G7W	QPSK/16QAM	907,5 a 915,0
0,228	WCDMA/HSDPA/HSUPA	5M00G7W	QPSK/16QAM	1.895,0 a 1.900,0
0,2177	WCDMA/HSDPA/HSUPA	5M00G7W	QPSK/16QAM	1.920,0 a 1.980,0
0,2223	LTE	3M00G7W/5M00G7W/10M0G7W/15M0G7W/20M0G7W	QPSK/16QAM	703,0 a 748,0
0,2188	LTE	1M40G7W/3M00G7W/5M00G7W/10M0G7W	QPSK/16QAM	824,0 a 849,0
0,2138	LTE	1M40G7W/3M00G7W/5M00G7W	QPSK/16QAM	898,5 a 901,0
0,2138	LTE	1M40G7W/3M00G7W/5M00G7W	QPSK/16QAM	907,5 a 915,0
0,2415	LTE	1M40G7W/3M00G7W/5M00G7W/10M0G7W/15M0G7W/20M0G7W	QPSK/16QAM	1.710,0 a 1.785,0
0,2075	LTE	5M00G7W/10M0G7W/15M0G7W/20M0G7W	QPSK/16QAM	1.920,0 a 1.980,0
0,2148	LTE	5M00G7W/10M0G7W/15M0G7W/20M0G7W	QPSK/16QAM	2.500,0 a 2.570,0

Incorpora transceptor de radiação restrita:

Tipo de Modulação	Designação de Emissões	Tecnologias	Potência Máxima de Saída (W)	Faixa de Frequências Tx (MHz)
CCK/DQPSK/DBPSK	10M2X9D	SEQUÊNCIA DIRETA	0,16734	2.400,0 a 2.483,5
BPSK/QPSK/16-64QAM	16M4X9D	OFDM	0,39184	2.400,0 a 2.483,5
BPSK/QPSK/16-64QAM	17M6X9D	OFDM	0,41975	2.400,0 a 2.483,5
BPSK/QPSK/16-64QAM	35M9X9D	OFDM	0,26958	2.400,0 a 2.483,5
BPSK/QPSK/16-64QAM		OFDM	0,09983	5.150,0 a 5.250,0
BPSK/QPSK/16-64QAM		OFDM	0,09485	5.150,0 a 5.250,0
BPSK/QPSK/16-64QAM		OFDM	0,1145	5.150,0 a 5.250,0
BPSK/QPSK/16-64-256QAM		OFDM	0,16353	5.150,0 a 5.250,0
BPSK/QPSK/16-64QAM	16M4X9D	OFDM	0,21054	5.725,0 a 5.850,0
BPSK/QPSK/16-64QAM	17M6X9D	OFDM	0,22288	5.725,0 a 5.850,0
BPSK/QPSK/16-64QAM	35M8X9D	OFDM	0,15116	5.725,0 a 5.850,0
BPSK/QPSK/16-64-256QAM	75M9X9D	OFDM	0,1073	5.725,0 a 5.850,0

Roteadores sem fio operando nas tecnologias GSM, GPRS, EDGE, WCDMA, HSDPA, HSUPA e LTE, e tecnologias 802.11a/b/g/n/ac.

Os produtos ICR-3232 e ICR-3232W utilizam o módulo da Quectel modelo EC25-AU (Estação terminal de acesso), já homologado com Certificado de Homologação nº 06239-18-07968, cuja homologação encontra-se válida.

Taxa Máxima de Transmissão (Mbps): 300.

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

Alimentação: 9 a 36 Vcc (adaptador AC/DC não fornecido com o produto).

O produto implementa o protocolo IPv6.

O equipamento opera com HSPA+ apenas no sentido de downlink.

Equipamento operando nas faixa 5.150-5.350 MHz deve ser utilizado somente em ambiente internos das edificações (indoor).

Comments

Na instalação do produto, devem ser observadas as condições de uso conforme estabelecido no Regulamento sobre Equipamentos de Radiocomunicação de Radiação Restrita.

This certificate replaces the certificate of the same number issued in 13/09/2022.

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).

