Federative Republic of Brazil
Telecommunications National Agency

Certificate of Equipment Authorization

(Not Transferable)

Nº **15473-20-04002**

Expires: **Indeterminada**

Date of Certificate: **06/01/2023**

Applicant:
CNPJ: 25.081.009/0001-03
E3TECH ENGENHARIA E REPRESENTACOES LTDA

Manufacturer:
EDIMAX TECHNOLOGY CO. LTD.
NO.278 , XINHU 1ST RD. , NEIHU DIST. , TAIPEI CITY
Nº

TAIWAN

This document approves, in accordance with the Telecommunication Rules and Regulations, the Certificate of Conformity number 7937, issued by **FUNDACAO CENTRO DE PESQUISA E DESENVOLVIMENTO DE TELECOMUNICACOES- CPQD.**. This approval is issued on behalf of the applicant here identified and is valid only for the product described below for use under the Anatels Rules and Regulations.

Type - Category:
Transceptor de Radiação Restrita - II

Model - Comercial Name (s)
EW-7822ULC

Basic technical characteristics:

Designação de Emissões	Tecnologias	SAR (W/kg) Corpo	Faixa de Frequências Tx (MHz)	Potência Máxima de Saída (W)	Tipo de Modulação
9M86G7W	SEQÜÊNCIA DIRETA	0,12	2.400,0 a 2.483,5	0,032	DBPSK - DQPSK - CCK
16M4D7W	OFDM	0,11	2.400,0 a 2.483,5	0,0169	BPSK – QPSK – 16QAM – 64QAM
17M6D7W	OFDM	0,18	2.400,0 a 2.483,5	0,0603	BPSK – QPSK – 16QAM – 64QAM
36M4D7W	OFDM	0,12	2.400,0 a 2.483,5	0,0243	BPSK – QPSK – 16QAM – 64QAM
16M4D7W	SEQÜÊNCIA DIRETA	-	5.725,0 a 5.850,0	0,0089	BPSK – QPSK – 16QAM – 64QAM
17M5D7W	OFDM	-	5.725,0 a 5.850,0	0,0411	BPSK – QPSK – 16QAM – 64QAM
36M4D7W	OFDM	-	5.725,0 a 5.850,0	0,0184	BPSK – QPSK – 16QAM – 64QAM
75M2D7W	OFDM	-	5.725,0 a 5.850,0	0,0061	BPSK – QPSK – 16QAM – 64QAM - 256QAM
-	OFDM	-	5.150,0 a 5.350,0	0,199	BPSK – QPSK – 16QAM – 64QAM
-	OFDM	-	5.150,0 a 5.350,0	0,1474	BPSK – QPSK – 16QAM – 64QAM
-	OFDM	0,21	5.150,0 a 5.350,0	0,0384	BPSK – QPSK – 16QAM – 64QAM
-	OFDM	-	5.150,0 a 5.350,0	0,027	BPSK – QPSK – 16QAM – 64QAM - 256QAM

Designação de Emissões	Tecnologias	SAR (W/kg) Corpo	Faixa de Frequências Tx (MHz)	Potência Máxima de Saída (W)	Tipo de Modulação
-	OFDM	0,17	5.470,0 a 5.725,0	0,008	BPSK – QPSK – 16QAM – 64QAM
-	OFDM	-	5.470,0 a 5.725,0	0,0969	BPSK – QPSK – 16QAM – 64QAM
-	OFDM	0,29	5.470,0 a 5.725,0	0,0787	BPSK – QPSK – 16QAM – 64QAM
-	OFDM	-	5.470,0 a 5.725,0	0,0648	BPSK – QPSK – 16QAM – 64QAM – 256QAM

Os valores de potências indicados nas faixas de 5150-5350 MHz e 5470-5725 MHz referem-se à potência média em E.I.R.P.

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 15/12/2020

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