



Certificate of Equipment Authorization

(Not Transferable)

Nº **02610-26-18453**

Expires: **Indeterminada**
Date of Certificate: **10/04/2026**

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

Manufacturer: **ARDUINO S.R.L.**
VIA ANDREA APPIANI, Nº 25
Nº
20900
ITALIA

This document approves, in accordance with the Telecommunication Rules and Regulations, the Certificate of Conformity number BRA26/00604, issued by **Sgs do Brasil Ltda.** 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:
Transceptor de Radiação Restrita - II

Model - Commercial Name (s)
ABX00162 /ABX00173

Basic technical characteristics:

Faixa de Frequências Tx (MHz)	Potência Máxima de Saída (W)	Tecnologias	Designação de Emissões	Tipo de Modulação
2.400,0 a 2.483,5	0,0016	SALTO EM FREQUÊNCIA	1M12FD	GFSK
2.400,0 a 2.483,5	0,0013	SALTO EM FREQUÊNCIA	1M40G7D	pi/4DQPSK e 8DPSK
2.400,0 a 2.483,5	0,0017	SEQUÊNCIA DIRETA	690KF7D	GFSK
2.400,0 a 2.483,5	0,001	SEQUÊNCIA DIRETA	1M18F7D	GFSK
2.400,0 a 2.483,5	0,0506	SEQUÊNCIA DIRETA	7M68X9D	DBPSK, DQPSK, CCK
2.400,0 a 2.483,5	0,0272	OFDM	15M4X9D	BPSK, QPSK, 16QAM, 64QAM
2.400,0 a 2.483,5	0,0279	OFDM	15M3X9D	BPSK, QPSK, 16QAM, 64QAM
2.400,0 a 2.483,5	0,0188	OFDM	35M8X9D	BPSK, QPSK, 16QAM, 64QAM
5.725,0 a 5.850,0	0,0203	OFDM	15M7X9D	BPSK, QPSK, 16QAM, 64QAM
5.725,0 a 5.850,0	0,0192	OFDM	17M8X9D	BPSK, QPSK, 16QAM, 64QAM
5.725,0 a 5.850,0	0,0194	OFDM	36M3X9D	BPSK, QPSK, 16QAM, 64QAM
5.725,0 a 5.850,0	0,0194	OFDM	17M5X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM
5.725,0 a 5.850,0	0,02	OFDM	36M8X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM
5.725,0 a 5.850,0	0,0185	OFDM	76M0X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM
5.150,0 a 5.350,0	0,0183	OFDM	16M3X9D	BPSK, QPSK, 16QAM, 64QAM
5.150,0 a 5.350,0	0,0177	OFDM	17M5X9D	BPSK, QPSK, 16QAM, 64QAM
5.150,0 a 5.350,0	0,0179	OFDM	36M2X9D	BPSK, QPSK, 16QAM, 64QAM
5.150,0 a 5.350,0	0,0167	OFDM	17M5X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM
5.150,0 a 5.350,0	0,0169	OFDM	36M2X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM
5.150,0 a 5.350,0	0,0141	OFDM	76M2X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM
5.470,0 a 5.725,0	0,0193	OFDM	16M3X9D	BPSK, QPSK, 16QAM, 64QAM
5.470,0 a 5.725,0	0,0426	OFDM	17M4X9D	BPSK, QPSK, 16QAM, 64QAM
5.470,0 a 5.725,0	0,0411	OFDM	36M3X9D	BPSK, QPSK, 16QAM, 64QAM
5.470,0 a 5.725,0	0,0224	OFDM	17M5X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM
5.470,0 a 5.725,0	0,0224	OFDM	36M3X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM
5.470,0 a 5.725,0	0,0171	OFDM	76M2X9D	BPSK, QPSK, 16QAM, 64QAM, 256QAM

- Possui antenna integrada.

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

Comments

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

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).

