



Federative Republic of Brazil
Telecommunications National Agency

Certificate of Equipment Authorization

(Not Transferable)

Nº **06103-24-16700**

Expires: **Indeterminada**

Date of Certificate: **16/07/2024**

Applicant:

CNPJ: **25.081.009/0001-03**

E3TECH ENGENHARIA E REPRESENTACOES LTDA

Manufacturer:

SOPHOS LTD.

THE PENTAGON, ABINGDON SCIENCE PARK

Nº

REINO UNIDO DE GRÃ-BRETANHA E IRLANDA DO NORTE

This document approves, in accordance with the Telecommunication Rules and Regulations, the Certificate of Conformity number ICC 04.065/2024.3, issued by **ICC Instituto de Certificações e Conformidades 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)

AP6 420X

Basic technical characteristics:

Tipo de Modulação	Faixa de Frequências Tx (MHz)	Potência Máxima de Saída (W)	Tecnologias
DBPSK, DQPSK e CCK	2.400,0 a 2.483,5	0,0671	SEQUÊNCIA DIRETA
BPSK, QPSK, 16 QAM, 64 QAM	2.400,0 a 2.483,5	0,0649	OFDM
BPSK, QPSK, 16 QAM, 64 QAM	2.400,0 a 2.483,5	0,0205	OFDM
BPSK, QPSK, 16 QAM, 64 QAM	2.400,0 a 2.483,5	0,071	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	2.400,0 a 2.483,5	0,0645	OFDMA
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	2.400,0 a 2.483,5	0,0665	OFDMA
BPSK, QPSK, 16 QAM, 64 QAM	5.725,0 a 5.850,0	0,1446	OFDM
BPSK, QPSK, 16 QAM, 64 QAM	5.725,0 a 5.850,0	0,1352	OFDM
BPSK, QPSK, 16 QAM, 64 QAM	5.725,0 a 5.850,0	0,1393	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.725,0 a 5.850,0	0,1385	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.725,0 a 5.850,0	0,138	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.725,0 a 5.850,0	0,1015	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.725,0 a 5.850,0	0,1353	OFDMA
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.725,0 a 5.850,0	0,1262	OFDMA
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.725,0 a 5.850,0	0,104	OFDMA
BPSK, QPSK, 16 QAM, 64 QAM	5.470,0 a 5.725,0	0,274	OFDM
BPSK, QPSK, 16 QAM, 64 QAM	5.470,0 a 5.725,0	0,321	OFDM
BPSK, QPSK, 16 QAM, 64 QAM	5.470,0 a 5.725,0	0,363	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.470,0 a 5.725,0	0,328	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.470,0 a 5.725,0	0,383	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.470,0 a 5.725,0	0,288	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.470,0 a 5.725,0	0,205	OFDM
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.470,0 a 5.725,0	0,316	OFDMA
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.470,0 a 5.725,0	0,341	OFDMA
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.470,0 a 5.725,0	0,291	OFDMA
BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.470,0 a 5.725,0	0,248	OFDMA

Ensaio de SAR não aplicável.

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).

Davison Gonzaga da Silva

Gerente de Certificação e Numeração