



Federative Republic of Brazil
Telecommunications National Agency

Certificate of Equipment Authorization

(Not Transferable)

Nº **06104-24-16700**
Expires: **Indeterminada**
Date of Certificate: **28/08/2024**

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 04.065/2024.5, 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 840

Basic technical characteristics:

Potência Máxima de Saída (W)	Tipo de Modulação	Faixa de Frequências Tx (MHz)	Tecnologias
0,139	DBPSK, DQPSK e CCK	2.400,0 a 2.483,5	SEQUÊNCIA DIRETA
0,1691	BPSK, QPSK, 16 QAM, 64 QAM	2.400,0 a 2.483,5	OFDM
0,1815	BPSK, QPSK, 16 QAM, 64 QAM	2.400,0 a 2.483,5	OFDM
0,1897	BPSK, QPSK, 16 QAM, 64 QAM	2.400,0 a 2.483,5	OFDM
0,1909	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	2.400,0 a 2.483,5	OFDMA
0,1956	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	2.400,0 a 2.483,5	OFDMA
0,1332	BPSK, QPSK, 16 QAM, 64 QAM	5.725,0 a 5.850,0	OFDM
0,1203	BPSK, QPSK, 16 QAM, 64 QAM	5.725,0 a 5.850,0	OFDM
0,1079	BPSK, QPSK, 16 QAM, 64 QAM	5.725,0 a 5.850,0	OFDM
0,1289	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.725,0 a 5.850,0	OFDM
0,1222	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.725,0 a 5.850,0	OFDM
0,0977	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.725,0 a 5.850,0	OFDM
0,1176	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.725,0 a 5.850,0	OFDMA
0,111	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.725,0 a 5.850,0	OFDMA
0,1016	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.725,0 a 5.850,0	OFDMA
0,4578	BPSK, QPSK, 16 QAM, 64 QAM	5.150,0 a 5.350,0	OFDM
0,528	BPSK, QPSK, 16 QAM, 64 QAM	5.150,0 a 5.350,0	OFDM
0,7624	BPSK, QPSK, 16 QAM, 64 QAM	5.150,0 a 5.350,0	OFDM
0,4483	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.150,0 a 5.350,0	OFDM
0,3248	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.150,0 a 5.350,0	OFDM
0,2524	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.150,0 a 5.350,0	OFDM
0,4223	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.150,0 a 5.350,0	OFDMA
0,3402	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.150,0 a 5.350,0	OFDMA
0,272	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.150,0 a 5.350,0	OFDMA
0,401	BPSK, QPSK, 16 QAM, 64 QAM	5.470,0 a 5.725,0	OFDM
0,454	BPSK, QPSK, 16 QAM, 64 QAM	5.470,0 a 5.725,0	OFDM
0,695	BPSK, QPSK, 16 QAM, 64 QAM	5.470,0 a 5.725,0	OFDM
0,528	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.470,0 a 5.725,0	OFDM
0,773	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.470,0 a 5.725,0	OFDM
0,76	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM	5.470,0 a 5.725,0	OFDM
0,263	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.470,0 a 5.725,0	OFDMA
0,289	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.470,0 a 5.725,0	OFDMA
0,332	BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM, 1024QAM	5.470,0 a 5.725,0	OFDMA

Ensaio de SAR não aplicável.

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

Este produto destina-se ao uso profissional, manuseado por pessoal devidamente qualificado, não sendo destinado ao uso do público em geral para acesso a serviço de telecomunicações de interesse coletivo.
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

