

NO.WR24PCF002-1

Product Carbon Footprint Verification Statement

Electric tuning antenna 4+4+4+8 ports

Name of Applicant: Zhongtian Communication Technology Co., Ltd
Address of Applicant: No. 86 Qixin Road, Development Zone, Nantong City, Jiangsu Province
Address of Factory: No.1 Zhongtian Road, Hekou Town, Rudong County, Nantong City, Jiangsu Province
Product Description: A device that can emit or receive electromagnetic waves, which can convert the energy of high-frequency currents or guided waves into electromagnetic waves for radiation, or convert electromagnetic waves in space into high-frequency currents for electroni
Model&Type: BZV4448W651417- I
Name of Product: Electric tuning antenna 4+4+4+8 ports
Product Functional Unit: 1 BZV4448W651417- I electric tuning antenna 4+4+4+8 ports

Greenhouse gas emissions CFP from cradle to tomb:

287.66 kgCO₂ e

The product carbon footprint calculation and report provided by the company have been verified to meet the:

ISO 14040:2006 Environmental management-Life cycle assessment-Principles and framework

ISO 14044:2006 Life Cycle Assessment-



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Key Information

Product Description: A device that can emit or receive electromagnetic waves, which can convert the energy of high-frequency currents or guided waves into electromagnetic waves for radiation, or convert electromagnetic waves in space into high-frequency currents for electronics

Photographing Place: No.1 Zhongtian Road, Hekou Town, Rudong County, Nantong City, Jiangsu Province

Photo Description: 1. Front; 2. Nameplate

Photographing Time: 3/4/2024

Photos:



Data Sources: The primary data comes from the basic data for product carbon footprint calculation in 2023, which is verified by the company

System Boundary: The carbon footprint calculation results of cradle-to-tomb are shown in this summary, The calculation has been verified as in accordance with Life Cycle Assessment principles

Greenhouse Gas Calculated: Carbon dioxide equivalent value on the basis of their per unit radiative forcing using 100-year global warming potentials defined by the Intergovernmental Panel on Climate Change, Green House Gas is listed in IPCC 2006 Guidelines for National Greenhouse Gas Inventories, 2019 edition, Volume III

Contribution Value:

<u>Total From cradle to tomb</u>	<u>287.66</u>	Unit: kgCO₂ e
<i>Raw material acquisition stage</i>	264.39	
<i>Raw material transportation process</i>	1.93	
<i>Product production stage</i>	7.80	
<i>Product transportation stage</i>	12.57	
<i>Product usage stage</i>	0.00	
<i>Disposal stage at the end of product life</i>	0.97	