

# Product Life Cycle Assessment Report

(Product Model: T807W)

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Company: Huizhou TCL Mobile communication Co., Ltd.

Date of Report: 2025-11-30

## Company Information

General Information	Company Name	Huizhou TCL Mobile communication Co., Ltd.
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	Official Website	
	Date of this Document	2025-12-02
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Product Information	Product Name	Swing TMO
	Product Model	T807W
	Memory Capacity	128GB ROM+8GB RAM

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# 1. Study Subject and Scope

## 1.1 Subject definition

### 1.1.1 Product Description

Smartphone

### 1.1.2 Product Information

The study subject of this report is: T807W

Specific information is as following:

Product Model: T807W

Shape and State: Piece

Product Size (Width x Height x Thickness in mm): 169.4\*80.05\*7.98 mm

Product Net Weight (kg): 0.237

Product Gross Weight (kg): 0.241

### 1.1.3 Functional Unit and Reference Flow

This report uses one piece of Cu Reference as the functional unit.

### 1.1.4 Date Representativeness

The report represents the enterprise's LCA details and covers the following aspects at both the enterprise and supply chain levels using actual production data:

(1) Time Representativeness: 2025-06-01-2025-11-30

(2) Geographic Representativeness: china

(3) Technological Representativeness, including the following aspects:

- Huizhou TCL Mobile communication Co., Ltd. are primarily manufactured using processes such as injection molding, spraying, drying, screen

printing, placement, assembly, and assembly.

- Main Materials: Plastics, metals, etc.
- Main Energy Consumption: Electricity

## 1.2 Scope Definition

### 1.2.1 System Boundary

The system boundary of this study encompasses the entire Product life cycle, from resource extraction to product disposal. It primarily includes the following stages: resource acquisition, raw material production, transportation, component production, component assembly, final assembly, distribution, use, and end-of-liferecycling, as illustrated in the diagram below:

MANUFACTURING STAGE		DISTRIBUTION STAGE	INST
UPSTREAM MODULE	CORE MODULE	DO	
extraction of raw materials, including waste recycling processes and the production of semi-finished and ancillary	manufacturing of the product constituents, including all the stages		

Figure 1-1: Cu Reference Product Life Cycle System Boundary Diagram

### 1.2.2 Inclusion and Exclusion

The inclusion and exclusion rules applied in this study are based on the weight percentage of each material input in relation to the total product weight

or total process input. The specific rules are as follows:

- All inputs of energy are included.
- All inputs of major raw materials are included.
- Inputs of auxiliary materials with a mass less than 0.3% of the total raw material consumption can be omitted.
- Emissions to the atmosphere and water are included.
- General solid waste with a total emission less than 1% of the total solid waste emissions can be omitted.
- Consumptions and emissions associated with infrastructure, equipment for various processes, and the consumption and facilities for on-site personnel and living quarters, such as roads and buildings, are omitted.
- Any toxic or hazardous materials and substances must be included in the inventory and cannot be omitted.

### 1.2.3 Types of Environmental Impact

In this study, 13 environmental impact indicators were selected for calculation, including: Global Warming Potential,GWP-total、 Global Warming Potential,GWP-fossil、 Global Warming Potential,GWP-biogenic、 Global Warming Potential,GWP-land use and land use change 、Acidification Potential, AP、 Eutrophication Potential in Freshwater,EP aquatic freshwater、 Eutrophication Potential in Marine Ecosystems,EP aquatic marine、 Eutrophication Potential on Land,EP terrestrial、 Photochemical ozone creation potential,POCP、 Ozone depletion potential,ODP、 Abiotic Depletion Potential for Mineral Metals,ADP minerals and metals、 Abiotic Depletion Potential for Fossil Resources,ADP fossil resources、 Water deprivation potential,WDP

Table 1-1 Environmental Impact Indicator Table

<b>Environmental Impact Indicator</b>	<b>Units of Environmental Impact Indicators</b>	<b>Main Inventory Materials</b>
Global Warming Potential,GWP-total	kg CO2 eq.	CO2,CH4,N2O...
Global Warming Potential,GWP-fossil	kg CO2 eq.	CO2,CH4,N2O...

Global Warming Potential,GWP-biogenic	kg CO2 eq.	CO2,CH4,N2O...
Global Warming Potential,GWP-land use and land use change	kg CO2 eq.	CO2,CH4,N2O...
Acidification Potential, AP	Mol H+ eq.	NH3,SOx,NOx...
Eutrophication Potential in Freshwater,EP aquatic freshwater	kg P eq.	Phosphorus,Phosphate...
Eutrophication Potential in Marine Ecosystems,EP aquatic marine	kg N eq.	NOx,NH3,Nitrate...
Eutrophication Potential on Land,EP terrestrial	Mol N eq.	NOx,NH3,Nitrate...
Photochemical ozone creation potential,POCP	Kg NMVOC eq.	NOx,SO2,CO...
Ozone depletion potential,ODP	kg CFC 11 eq.	HCFCs,Halon,CFCs...
Abiotic Depletion Potential for Mineral Metals,ADP minerals and metals	kg Sb eq.	Coal,Gas,Oil...
Abiotic Depletion Potential for Fossil Resources,ADP fossil resources	MJ.	Ni,Cu,Fe...
Water deprivation potential,WDP	M3.	H2O

Note: "eq" is an abbreviation for "equivalent,"which means equivalence. For example, in the case of the climate change indicator, CO2 is the reference substance, and various greenhouse gases have their own CO2 equivalent factors based on their greenhouse effect. Therefore, the emissions of various greenhouse gases throughout the product's life cycle can be multiplied by their respective equivalent factors(GWP) and summed to obtain the total climate change indicator (commonly referred to as the Product Carbon Footprint, PCF), which is expressed in units of kg CO2 eq.

#### 1.2.4 Data Quality Requirements

Data quality represents the difference between the representativeness of LCA study objectives and the actual representativeness of data. The data quality assessment method used in this report is the CLCD method.

The CLCD method assesses consumption and emission inventory data in the model at four aspects: (1) data source and algorithms, (2) time representativeness, (3) geographic representativeness, and (4) technological representativeness. It also assesses the uncertainty of associated background database consumption matching with upstream background processes. After completing the inventory uncertainty assessment, uncertainty propagation and accumulation are calculated using analytical formulas to obtain the uncertainty of LCA results.

The purpose of data quality assessment is to determine the credibility of LCA results and conclusions and to identify key factors for improving data quality. Data quality in this study can be managed and evaluated from four aspects: representativeness, completeness, reliability, and consistency.

1) Representativeness: Includes geographic representativeness, temporal representativeness, and technological representativeness.

- Geographic Representativeness: Indicates the countries or specific regions represented by the data, which is closely related to the applicability of research findings.
- Temporal Representativeness: Data from enterprises, literature, and background databases that are close to the reference year should be prioritized.
- Technological Representativeness: The actual representativeness of production technology should be described.

2) Completeness of Data: Includes the completeness of the product model and database.

- Model Completeness: The product life cycle model should include all major processes based on the definition of the system boundary and data inclusion/exclusion criteria. The product life cycle model should reflect the actual production of the product as much as possible. For significant raw materials (materials that contribute to an environmental impact indicator by more than 5%), efforts should be made to investigate their production

processes. If actual production process data cannot be obtained, background data may be used, but a detailed explanation of the source and basis of the background data should be provided. Uninvestigated significant raw materials should be explained and justified in the report.

- **Background Database Completeness:** Background databases generally contain hundreds of key energy, basic raw material, and chemical production and transportation processes for at least one country or region to ensure the completeness of the background database itself.

3) **Reliability:** Includes the reliability of real-world data, background data, and the database.

- **Reliability of Real-World Data:** For significant consumption of primary materials, energy, and transportation data, actual production records from the enterprise should be used whenever possible, and environmental emissions data should primarily come from environmental monitoring reports. All data should be thoroughly documented, including their sources and data processing algorithms. Data obtained through empirical estimation or literature research should be explained and justified in the report.
- **Reliability of Background Data:** For upstream production process data on important materials and energy, publicly available basic databases representing the country of origin and using the same production technology should be prioritized. Recent data should be preferred. In cases where suitable background data is not available, data representing other countries or other technologies can be chosen as substitutes, and this should be explained and justified in the report.
- **Database Reliability:** Background databases should use statistical data, survey data, and literature sources from the country or region of interest to reflect the energy structure, production system characteristics, and average production technology level of that country or region.

4) **Consistency:**

All real-world data (including consumption and emission data for each process) should follow consistent statistical standards, based on the same product output, the same process boundary, and the same data collection period. In cases of inconsistency, it should be explained and justified in the report.

### 1.2.5 Software and Databases

In this study, the TCL-LCA system was used to create the Cu Reference life cycle model and calculate the LCA results. The LCA system is an online LCA analysis software developed by 惠州 TCL 移动通信公司。Huizhou TCL Mobile communication Co., Ltd., which supports full life cycle process analysis. It comes with built-in Chinese Life Cycle Database (CLCD), the European ELCD database, and the Swiss Ecoinvent database, with LCIA methods including EN 15804 + A2 Method and AWARE. The databases include inventory datasets for major energy sources, transportation, and basic raw materials, both domestically and internationally.

The background data(Emission Factor) sources used for the life cycle processes in the LCA model created in the GPM software are as follows:

[Include the table or list of background data sources if available]

Table 1-2 Background Data(Emission Factor) Sources Table

Type	Inventory Name	Background Data Source	Database Entry
Materials	recovered pulp printing and writing paper	ecoinvent 3.8	market for paper, woodcontaining, lightweight coated   paper, woodcontaining, lightweight coated   Cutoff, S - ROW
Materials	poly(ethylene terephthalate) (PET), including copolymers	ecoinvent 3.8	market for polyethylene terephthalate, granulate, amorphous   polyethylene

			terephthalate, granulate, amorphous   Cutoff, S - GLO
Materials	copper, not alloyed	ecoinvent 3.8	market for wire drawing, copper   wire drawing, copper   Cutoff, S - GLO
Materials	aluminium, not alloyed	ecoinvent 3.8	market for aluminium, primary, ingot   aluminium, primary, ingot   Cutoff, S - ROW
Materials	polyvinylchloride (PVC), hard	ecoinvent 3.8	market for polyvinylchloride, bulk polymerised   polyvinylchloride, bulk polymerised   Cutoff, S - GLO
Materials	other ferro-alloy, except steel	ecoinvent 3.8	market for cast iron   cast iron   Cutoff, S - GLO
Materials	precious-metal (and alloys of)	ecoinvent 3.7.1	market for precious metal for jewellery   precious metal for jewellery   Cutoff, S - GLO
Materials	stainless steel	ecoinvent 3.8	market for steel, chromium steel 18/8   steel, chromium steel 18/8   Cutoff, S - GLO
Materials	phenolic resins (PF)	ecoinvent 3.8	market for phenolic resin   phenolic resin   Cutoff, S - ROW
Materials	other synthetic fibres	ecoinvent 3.8	market for fibre, polyester   fibre, polyester   Cutoff, S - GLO
Materials	resistor	ecoinvent 3.8	market for resistor, surface-mounted   resistor, surface-mounted   Cutoff, S - GLO

Materials	polypropylene (PP)	ecoinvent 3.8	market for polypropylene, granulate   polypropylene, granulate   Cutoff, S - GLO
Materials	glass fibre (textile fibre)	ecoinvent 3.8	market for fibre, polyester   fibre, polyester   Cutoff, S - GLO
Materials	polycarbonates (PCS), including copolymers	ecoinvent 3.8	market for polycarbonate   polycarbonate   Cutoff, S - GLO
Materials	zinc alloy, except brass	ecoinvent 3.8	market for zinc   zinc   Cutoff, S - GLO
Materials	virgin pulp printing and writing paper	ecoinvent 3.8	market for paper, woodcontaining, lightweight coated   paper, woodcontaining, lightweight coated   Cutoff, S - ROW
Materials	capacitor	ecoinvent 3.8	market for capacitor, for surface-mounting   capacitor, for surface-mounting   Cutoff, S - GLO
Materials	diode	ecoinvent 3.8	market for liquid crystal display, unmounted   liquid crystal display, unmounted   Cutoff, S - GLO
Materials	other copper-alloy, except bronze and brass	ecoinvent 3.8	market for copper-rich materials   copper-rich materials   Cutoff, S - GLO
Materials	IC	ecoinvent 3.8	market for integrated circuit, logic type   integrated circuit, logic type   Cutoff, S

			- GLO
Materials	other active electronic components	ecoinvent 3.8	market for electronic component, active, unspecified   electronic component, active, unspecified   Cutoff, S - GLO
Materials	carbon steel (non-alloy steel)	ecoinvent 3.8	market for steel, unalloyed   steel, unalloyed   Cutoff, S - GLO
Materials	inductor	ecoinvent 3.8	market for transistor, surface-mounted   transistor, surface-mounted   Cutoff, S - GLO
Materials	silicone rubber	ecoinvent 3.8	market for polydimethylsiloxane   polydimethylsiloxane   Cutoff, S - GLO
Materials	tin, not alloyed	ecoinvent 3.8	market for tin   tin   Cutoff, S - GLO
Materials	copolymers of ethylene-vinyl acetate (EVA)	ecoinvent 3.8	market for ethylene vinyl acetate copolymer   ethylene vinyl acetate copolymer   Cutoff, S - ROW
Materials	soda-lime glass	ecoinvent 3.8	market for flat glass, uncoated   flat glass, uncoated   Cutoff, S - ROW
Materials	epoxide resins (EP)	ecoinvent 3.8	market for bisphenol A epoxy based vinyl ester resin   bisphenol A epoxy based vinyl ester resin   Cutoff, S - GLO
Materials	other special glass	ecoinvent 3.8	market for flat glass, uncoated   flat glass, uncoated   Cutoff, S

			- ROW
Materials	iron, not alloyed	ecoinvent 3.8	market for cast iron   cast iron   Cutoff, S - GLO
Materials	polyimides (PI)	ecoinvent 3.8	market for thermoforming of plastic sheets   thermoforming of plastic sheets   Cutoff, S - GLO
Materials	poly(methyl methacrylate) (PMMA)	ecoinvent 3.8	market for polymethyl methacrylate, beads   polymethyl methacrylate, beads   Cutoff, S - GLO
Materials	ethylene-propylene-non-conjugated diene rubber (EPDM)	ecoinvent 3.8	market for synthetic rubber   synthetic rubber   Cutoff, S - GLO
Materials	polymers and copolymers of styrene and its derivatives, not elsewhere specified	ecoinvent 3.8	market for polystyrene, general purpose   polystyrene, general purpose   Cutoff, S - GLO
Materials	other aluminium alloy	ecoinvent 3.8	market for aluminium alloy, AlMg3   aluminium alloy, AlMg3   Cutoff, S - GLO
Materials	polyurethanes (PU)	ecoinvent 3.8	market for polyurethane, rigid foam   polyurethane, rigid foam   Cutoff, S - ROW
Materials	acrylic	ecoinvent 3.8	market for fibre, polyester   fibre, polyester   Cutoff, S - GLO
Materials	polyvinyl acetate (PVAc)	ecoinvent 3.8	market for ethylene vinyl acetate copolymer   ethylene vinyl acetate

			copolymer   Cutoff, S - ROW
Materials	styrene-butadiene rubber (SBR)	ecoinvent 3.8	market for synthetic rubber   synthetic rubber   Cutoff, S - GLO
Materials	urethane rubber (PUR)	ecoinvent 3.8	market for polyurethane, flexible foam   polyurethane, flexible foam   Cutoff, S - ROW
Materials	alloy steel (except stainless steel)	ecoinvent 3.8	market for steel, low-alloyed   steel, low-alloyed   Cutoff, S - GLO
Materials	polyacetals (POM), including copolymers	ecoinvent 3.8	market for thermoforming of plastic sheets   thermoforming of plastic sheets   Cutoff, S - GLO
Materials	polystyrene, expansible (EPS)	ecoinvent 3.8	market for polystyrene, expandable   polystyrene, expandable   Cutoff, S - GLO
Materials	mineral agglomerates, grains, and particles	ecoinvent 3.8	market for stone meal   stone meal   Cutoff, S - GLO
Materials	polyethylene, high density (HDPE)	ecoinvent 3.8	market for polyethylene, high density, granulate   polyethylene, high density, granulate   Cutoff, S - GLO
Materials	natural rubber (NR)	ecoinvent 3.8	market for latex   latex   Cutoff, S - ROW
Materials	nickel alloy	ecoinvent 3.8	market for nickel-rich materials   nickel-rich materials   Cutoff, S - GLO

Materials	carbon fibres	ecoinvent 3.8	market for graphite   graphite   Cutoff, S - GLO
Materials	zinc, not alloyed	ecoinvent 3.8	market for zinc   zinc   Cutoff, S - GLO
Materials	transistor	ecoinvent 3.8	market for transistor, surface-mounted   transistor, surface-mounted   Cutoff, S - GLO
Materials	other	ecoinvent 3.8	market for liquid crystal display, minor components, auxilliaris and assembly effort   liquid crystal display, minor components, auxilliaris and assembly effort   Cutoff, S - GLO
Materials	tantalum (and alloys of)	ecoinvent 3.8	market for tantalum powder, capacitor-grade   tantalum powder, capacitor-grade   Cutoff, S - GLO
Materials	refractory	ecoinvent 3.8	market for refractory, basic, packed   refractory, basic, packed   Cutoff, S - GLO
Materials	precious-metal (and alloys of)	ecoinvent 3.7.1	market for precious metal for jewellery   precious metal for jewellery   Cutoff, S - GLO
Materials	antimony (and alloys of)	ecoinvent 3.8	market for antimony   antimony   Cutoff, S - GLO
Materials	cobalt (and alloys of)	ecoinvent 3.8	market for cobalt   cobalt   Cutoff, S - GLO
Materials	nickel, not alloyed	ecoinvent 3.8	market for nickel, class 1   nickel, class

			1   Cutoff, S - GLO
Materials	other polyesters	ecoinvent 3.8	market for polyester resin, unsaturated   polyester resin, unsaturated   Cutoff, S - ROW
Materials	other copolymers of vinyl chloride	ecoinvent 3.8	market for polyvinylchloride, bulk polymerised   polyvinylchloride, bulk polymerised   Cutoff, S - GLO
Materials	other bronze	ecoinvent 3.8	market for bronze   bronze   Cutoff, S - GLO
Materials	other brass	ecoinvent 3.8	market for brass   brass   Cutoff, S - ROW
Materials	titanium (and alloys of)	ecoinvent 3.8	market for titanium   titanium   Cutoff, S - GLO
Materials	other polyethers, including copolymers	ecoinvent 3.8	market for polyol   polyol   Cutoff, S - ROW
Materials	copolymers of propylene	ecoinvent 3.8	market for polypropylene, granulate   polypropylene, granulate   Cutoff, S - GLO
Materials	polyamides (PA), including copolymers	ecoinvent 3.8	market for nylon 6   nylon 6   Cutoff, S - ROW
Materials	polyacrylamides, including copolymers (PAM)	ecoinvent 3.8	market for polyacrylamide   polyacrylamide   Cutoff, S - GLO
Transportation	Transport, freight, light commercial vehicle	ecoinvent 3.8	market for transport, freight, light commercial vehicle   transport, freight, light commercial vehicle   Cutoff, S - RoW

Transportation	Transport, freight, lorry 3.5-7.5 metric ton, EUROIII	ecoinvent 3.8	market for transport, freight, lorry 3.5-7.5 metric ton, EURO3   transport, freight, lorry 3.5-7.5 metric ton, EURO3   Cutoff, S - RoW
Transportation	Transport, freight, lorry 7.5-16 metric ton, EUROIII	ecoinvent 3.8	market for transport, freight, lorry 7.5-16 metric ton, EURO3   transport, freight, lorry 7.5-16 metric ton, EURO3   Cutoff, S - RoW
Transportation	Transport, freight, lorry 16-32 metric ton, EUROIII	ecoinvent 3.8	market for transport, freight, lorry 16-32 metric ton, EURO3   transport, freight, lorry 16-32 metric ton, EURO3   Cutoff, S - RoW
Transportation	Transport, freight, lorry 16-32 metric ton, EUROVI	ecoinvent 3.8	market for transport, freight, lorry 16-32 metric ton, EURO6   transport, freight, lorry 16-32 metric ton, EURO6   Cutoff, S - RoW
Transportation	Transport, freight, lorry 7.5-16 metric ton, EUROVI	ecoinvent 3.8	market for transport, freight, lorry 7.5-16 metric ton, EURO6   transport, freight, lorry 7.5-16 metric ton, EURO6   Cutoff, S - RoW
Transportation	Transport, freight, aircraft, unspecified - GLO	ecoinvent 3.8	market for transport, freight, aircraft, unspecified   transport, freight, aircraft, unspecified   Cutoff, S - GLO
Transportation	Transport, freight, lorry 3.5-7.5 metric ton, EUROV	ecoinvent 3.8	market for transport, freight, lorry 3.5-7.5 metric ton, EURO5

			transport, freight, lorry 3.5-7.5 metric ton, EURO5   Cutoff, S - RoW
Electricity	Electricity, low voltage - CN	ecoinvent 3.8	market group for electricity, low voltage   electricity, low voltage   Cutoff, S - CN
Energy	Tap water - GLO	ecoinvent 3.8	market group for tap water   tap water   Cutoff, S - GLO
Electricity	Electricity, low voltage - IT	ecoinvent 3.8	market for electricity, low voltage   electricity, low voltage   Cutoff, S - IT
Recycling	Recycled Steels	ecoinvent 3.8	market for iron scrap, unsorted   iron scrap, unsorted   Cutoff, S - GLO
Recycling	Recycled Other ferrous metals	ecoinvent 3.8	market for ferrous metal, in mixed metal scrap   ferrous metal, in mixed metal scrap   Cutoff, S - ROW
Recycling	Recycled PP	ecoinvent 3.8	market for waste plastic, consumer electronics, sorted   waste plastic, consumer electronics, sorted   Cutoff, S - GLO
Recycling	Recycled Other plastics	ecoinvent 3.8	market for waste plastic, consumer electronics, sorted   waste plastic, consumer electronics, sorted   Cutoff, S - GLO
Recycling	Recycled Glass	ecoinvent 3.8	market for glass cullet, sorted   glass cullet, sorted

			Cutoff, S - ROW
Recycling	Recycled PCBs(support)	ecoinvent 3.8	market for waste electric and electronic equipment   waste electric and electronic equipment   Cutoff, S - GLO
Recycling	Recycled PCBs(metals)	ecoinvent 3.8	market for waste electric and electronic equipment   waste electric and electronic equipment   Cutoff, S - GLO
Incineration	Steels Incineration	ecoinvent 3.8	treatment of scrap steel, municipal incineration   scrap steel   Cutoff, S - ROW
Incineration	Other ferrous metals Incineration	ecoinvent 3.8	treatment of municipal solid waste, incineration   municipal solid waste   Cutoff, S - ROW
Incineration	PP Incineration	ecoinvent 3.8	treatment of waste polypropylene, municipal incineration   waste polypropylene   Cutoff, S - ROW
Incineration	Other plastics Incineration	ecoinvent 3.8	treatment of waste plastic, mixture, municipal incineration   waste plastic, mixture   Cutoff, S - ROW
Incineration	Glass Incineration	ecoinvent 3.8	treatment of waste glass, municipal incineration   waste glass   Cutoff, S - ROW
Incineration	PCBs(support) Incineration	ecoinvent 3.8	treatment of waste plastic, consumer electronics,

			municipal incineration   waste plastic, consumer electronics   Cutoff, S - ROW
Incineration	PCBs(metals) Incineration	ecoinvent 3.8	treatment of municipal solid waste, incineration   municipal solid waste   Cutoff, S - ROW
Landfill	Steels Landfill	ecoinvent 3.8	treatment of scrap steel, inert material landfill   scrap steel   Cutoff, S - ROW
Landfill	Other ferrous metals Landfill	ecoinvent 3.8	treatment of scrap steel, inert material landfill   scrap steel   Cutoff, S - ROW
Landfill	PP Landfill	ecoinvent 3.8	treatment of waste polypropylene, sanitary landfill   waste polypropylene   Cutoff, S - ROW
Landfill	Other plastics Landfill	ecoinvent 3.8	treatment of waste plastic, mixture, sanitary landfill   waste plastic, mixture   Cutoff, S
Landfill	Glass Landfill	ecoinvent 3.8	treatment of waste glass, sanitary landfill   waste glass   Cutoff, S - GLO
Landfill	PCBs(support) Landfill	ecoinvent 3.8	treatment of waste plastic, consumer electronics, sanitary landfill, wet infiltration class (500mm)   waste plastic, consumer electronics   Cutoff, S - GLO
Landfill	PCBs(metals) Landfill	ecoinvent 3.8	treatment of copper slag, residual

			material landfill   copper slag   Cutoff, S - GLO
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## 2. Data Collection

### 2.1 Cu Reference Product Manufacturing

#### (1) Basic Process Information

Process Name: Cu Reference Product Manufacturing

Process Boundary: Includes manufacturing energy consumption, transportation, and raw materials for Cu Reference components.

#### (2) Data Representativeness

Primary Data Source: Represents actual data from the enterprise and its supply chain.

Company Name: 惠州 TCL 移动通信公司。Huizhou TCL Mobile communication Co., Ltd.

Location: 中国

Reference Year: 2025-01-01-2025-06-30

Table 2-1 Component Manufacturing Energy Consumption Table

Type	Component Name	Component Quantity	Value	Unit	Inventory Name	Process Data Source
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Table 2-2 Component Manufacturing Raw Material Consumption Table

Type	Material Name	Inventory Name	Weight	Unit	Process Data Source
Raw material	纸	recovered pulp printing and writing paper	0.38	g	Self-survey data
Raw material	纸	recovered pulp printing and writing paper	0.1	g	Self-survey data
Raw material	塑料	poly(ethylene terephthalate) (PET), including copolymers	0.5	g	Self-survey data
Raw material	线材-镀锡铜线	copper, not alloyed	3.4	g	Self-survey data

al					
Raw material	线材-铝箔	aluminium, not alloyed	0.48	g	Self-survey data
Raw material	线材-PVC	polyvinylchloride (PVC), hard	3.5	g	Self-survey data
Raw material	A 公-SPCC	other ferro-alloy, except steel	3	g	Self-survey data
Raw material	A 公-C2680	copper, not alloyed	0.1	g	Self-survey data
Raw material	A 公-PBT	poly(ethylene terephthalate) (PET), including copolymers	0.64	g	Self-survey data
Raw material	TYPE C- LCP	poly(ethylene terephthalate) (PET), including copolymers	0.2	g	Self-survey data
Raw material	TYPE C- C7025	copper, not alloyed	0.08	g	Self-survey data
Raw material	TYPE C- 镀金	precious-metal (and alloys of)	0.001	g	Self-survey data
Raw material	TYPE C- SUS201	stainless steel	0.38	g	Self-survey data
Raw material	TYPE C- SUS301	stainless steel	0.18	g	Self-survey data
Raw material	TYPE C- PCB	phenolic resins (PF)	0.05	g	Self-survey data
Raw material	TYPE C- PCB	other synthetic fibres	0.06	g	Self-survey data
Raw material	TYPE C- 电阻	resistor	0.012	g	Self-survey data
Raw material	屏蔽壳-SUS201	stainless steel	0.45	g	Self-survey data
Raw	内膜胶料-透明	polypropylene (PP)	1.12	g	Self-survey

materi al	PP				y data
Raw materi al	内膜胶料-PVC	polyvinylchloride (PVC), hard	4.8	g	Self-surve y data
Raw materi al	A 公-PBT	glass fibre (textile fibre)	0.047	g	Self-surve y data
Raw materi al	外壳	polycarbonates (PCS), including copolymers	13.91	g	Self-surve y data
Raw materi al	插脚	copper, not alloyed	2.3	g	Self-surve y data
Raw materi al	插脚	zinc alloy, except brass	1.36	g	Self-surve y data
Raw materi al	PCB 板	phenolic resins (PF)	2.05	g	Self-surve y data
Raw materi al	PCB 板	virgin pulp printing and writing paper	2.05	g	Self-surve y data
Raw materi al	电解电容	capacitor	2.42	g	Self-surve y data
Raw materi al	二极管	diode	0.016	g	Self-surve y data
Raw materi al	整流桥	other copper-alloy, except bronze and brass	0.08	g	Self-surve y data
Raw materi al	集成 IC	IC	0.16	g	Self-surve y data
Raw materi al	贴片电阻	resistor	0.333	g	Self-surve y data
Raw materi al	变压器	other active electronic components	8.12	g	Self-surve y data
Raw materi al	USB 母座	carbon steel (non-alloy steel)	1.12	g	Self-surve y data

Raw material	贴片磁珠	other active electronic components	0.148	g	Self-survey data
Raw material	色环电感	inductor	0.41	g	Self-survey data
Raw material	硅胶	silicone rubber	5.38	g	Self-survey data
Raw material	绝缘隔离片	polycarbonates (PCS), including copolymers	3.5	g	Self-survey data
Raw material	锡	tin, not alloyed	1.2	g	Self-survey data
Raw material	弹片	stainless steel	0.53	g	Self-survey data
Raw material	PC	polycarbonates (PCS), including copolymers	0.12	g	Self-survey data
Raw material	不锈钢	stainless steel	0.08	g	Self-survey data
Raw material	不锈钢	stainless steel	0.22	g	Self-survey data
Raw material	环烯烃聚合物树脂	copolymers of ethylene-vinyl acetate (EVA)	0.2	g	Self-survey data
Raw material	IR 组件	soda-lime glass	0.08	g	Self-survey data
Raw material	芯片	IC	0.00002	g	Self-survey data
Raw material	电容	capacitor	0.0004	g	Self-survey data
Raw material	基板	stainless steel	0.1	g	Self-survey data
Raw material	塑料	epoxide resins (EP)	0.2	g	Self-survey data

al					
Raw material	IR 组件	soda-lime glass	0.08	g	Self-survey data
Raw material	芯片	IC	0.00002	g	Self-survey data
Raw material	电容	capacitor	0.0004	g	Self-survey data
Raw material	基板	stainless steel	0.1	g	Self-survey data
Raw material	塑料	epoxide resins (EP)	0.0459	g	Self-survey data
Raw material	IR 组件	soda-lime glass	0.1	g	Self-survey data
Raw material	芯片	IC	0.00002	g	Self-survey data
Raw material	电容	capacitor	0.0004	g	Self-survey data
Raw material	基板	stainless steel	0.3	g	Self-survey data
Raw material	后摄镜片	other special glass	2.7	g	Self-survey data
Raw material	塑料	epoxide resins (EP)	0.2	g	Self-survey data
Raw material	IR 组件	soda-lime glass	0.08	g	Self-survey data
Raw material	芯片	IC	0.00002	g	Self-survey data
Raw material	电容	capacitor	0.0004	g	Self-survey data
Raw	基板	stainless steel	0.1	g	Self-survey

materi al					y data
Raw materi al	磁铁	iron, not alloyed	0.0151	g	Self-surve y data
Raw materi al	轴	other ferro-alloy, except steel	0.0183	g	Self-surve y data
Raw materi al	Flat case	other ferro-alloy, except steel	0.24	g	Self-surve y data
Raw materi al	Slide piece	polyimides (PI)	0.04	g	Self-surve y data
Raw materi al	Solder Paste	tin, not alloyed	0.01	g	Self-surve y data
Raw materi al	Methacrylate	poly(methyl methacrylate) (PMMA)	0.04	g	Self-surve y data
Raw materi al	Double-sided Adhesive tape	ethylene-propylene-non-conjuga ted diene rubber (EPDM)	0.0249	g	Self-surve y data
Raw materi al	Soft printed Circuit Board	other copper-alloy, except bronze and brass	0.005	g	Self-surve y data
Raw materi al	合成碳化水油	copolymers of ethylene-vinyl acetate (EVA)	0.06	g	Self-surve y data
Raw materi al	Lubricating oil	polymers and copolymers of styrene and its derivatives, not elsewhere specified	0.0567	g	Self-surve y data
Raw materi al	Phenol	polymers and copolymers of styrene and its derivatives, not elsewhere specified	0.04	g	Self-surve y data
Raw materi al	Stainless steel	stainless steel	0.2	g	Self-surve y data
Raw materi al	芯片	IC	0.001	g	Self-surve y data
Raw materi al	铝合金	other aluminium alloy	3.02	g	Self-surve y data

Raw material	PMMA	poly(methyl methacrylate) (PMMA)	2.9	g	Self-survey data
Raw material	镜片	other special glass	3.02	g	Self-survey data
Raw material	TPU	polyurethanes (PU)	0.1	g	Self-survey data
Raw material	氧化铝	other aluminium alloy	0.13	g	Self-survey data
Raw material	TPU	polyurethanes (PU)	0.15	g	Self-survey data
Raw material	氧化铝	aluminium, not alloyed	0.15	g	Self-survey data
Raw material	铜	other copper-alloy, except bronze and brass	0.056	g	Self-survey data
Raw material	涤纶纤维	acrylic	0.05	g	Self-survey data
Raw material	铜箔	other copper-alloy, except bronze and brass	0.056	g	Self-survey data
Raw material	涤纶纤维	acrylic	0.05	g	Self-survey data
Raw material	导电胶	acrylic	0.039	g	Self-survey data
Raw material	海绵	polyvinyl acetate (PVAc)	0.1	g	Self-survey data
Raw material	碳钢素	carbon steel (non-alloy steel)	3	g	Self-survey data
Raw material	碳钢素	carbon steel (non-alloy steel)	1.5	g	Self-survey data
Raw material	碳钢	carbon steel (non-alloy steel)	0.0488	g	Self-survey data

al					
Raw material	碳钢	carbon steel (non-alloy steel)	0.0488	g	Self-survey data
Raw material	C7025-NIPDAU	copper, not alloyed	0.001342	g	Self-survey data
Raw material	塑封料	polycarbonates (PCS), including copolymers	0.00475	g	Self-survey data
Raw material	chip	IC	0.000008	g	Self-survey data
Raw material	PET 膜	poly(ethylene terephthalate) (PET), including copolymers	0.29	g	Self-survey data
Raw material	硅胶	silicone rubber	0.083	g	Self-survey data
Raw material	TPU	polyurethanes (PU)	0.25	g	Self-survey data
Raw material	Rubber	styrene-butadiene rubber (SBR)	0.1	g	Self-survey data
Raw material	背胶	urethane rubber (PUR)	0.1	g	Self-survey data
Raw material	PT-9115	aluminium, not alloyed	0.1	g	Self-survey data
Raw material	B35B8SP-100	alloy steel (except stainless steel)	0.1	g	Self-survey data
Raw material	PC	polycarbonates (PCS), including copolymers	0.2	g	Self-survey data
Raw material	GF	other special glass	0.15	g	Self-survey data
Raw material	PC	polycarbonates (PCS), including copolymers	0.5	g	Self-survey data
Raw	POM	polyacetals (POM), including	0.6	g	Self-survey

material		copolymers			y data
Raw material	泡棉	polystyrene, expansible (EPS)	0.085	g	Self-survey data
Raw material	泡棉	polystyrene, expansible (EPS)	0.1	g	Self-survey data
Raw material	泡棉	polystyrene, expansible (EPS)	0.089	g	Self-survey data
Raw material	石墨	mineral agglomerates, grains, and particles	15.711	g	Self-survey data
Raw material	铜箔	other copper-alloy, except bronze and brass	4.2	g	Self-survey data
Raw material	铝箔	other aluminium alloy	5.2	g	Self-survey data
Raw material	高温胶带	polyethylene, high density (HDPE)	0.01	g	Self-survey data
Raw material	锡膏	tin, not alloyed	0.1	g	Self-survey data
Raw material	电子料	other active electronic components	0.043	g	Self-survey data
Raw material	填充胶	natural rubber (NR)	0.0037	g	Self-survey data
Raw material	IC	IC	0.007	g	Self-survey data
Raw material	PCB 板材	polyethylene, high density (HDPE)	0.4	g	Self-survey data
Raw material	FPC	polyethylene, high density (HDPE)	0.1	g	Self-survey data
Raw material	电解液	other active electronic components	7	g	Self-survey data

Raw material	镍极耳	nickel alloy	0.34	g	Self-survey data
Raw material	铝极耳	other aluminium alloy	0.12	g	Self-survey data
Raw material	贝岭 IC DAF	other active electronic components	0.006109	g	Self-survey data
Raw material	FPC 黑油	carbon fibres	0.00318	g	Self-survey data
Raw material	隔膜	polypropylene (PP)	1.053	g	Self-survey data
Raw material	纸	recovered pulp printing and writing paper	0.1	g	Self-survey data
Raw material	碳钢	carbon steel (non-alloy steel)	0.0488	g	Self-survey data
Raw material	FPC	polyimides (PI)	0.352	g	Self-survey data
Raw material	FPC	polyimides (PI)	0.0651	g	Self-survey data
Raw material	FPC	polyimides (PI)	0.184	g	Self-survey data
Raw material	PC	polycarbonates (PCS), including copolymers	8.31	g	Self-survey data
Raw material	PC	polycarbonates (PCS), including copolymers	8.3	g	Self-survey data
Raw material	PC	polycarbonates (PCS), including copolymers	12.5	g	Self-survey data
Raw material	GF	other special glass	1.6	g	Self-survey data
Raw material	铝	aluminium, not alloyed	1.9	g	Self-survey data

al					
Raw material	PC	polyethylene, high density (HDPE)	4.89	g	Self-survey data
Raw material	泡棉	poly(ethylene terephthalate) (PET), including copolymers	0.15	g	Self-survey data
Raw material	纸	recovered pulp printing and writing paper	0.1	g	Self-survey data
Raw material	泡棉	poly(ethylene terephthalate) (PET), including copolymers	0.1	g	Self-survey data
Raw material	铁	iron, not alloyed	0.00077	g	Self-survey data
Raw material	锌	zinc, not alloyed	0.000315	g	Self-survey data
Raw material	银	precious-metal (and alloys of)	0.000315	g	Self-survey data
Raw material	Fe2O3	iron, not alloyed	0.0014	g	Self-survey data
Raw material	Fe2O3	other ferro-alloy, except steel	0.0014	g	Self-survey data
Raw material	Fe2O3	iron, not alloyed	0.0014	g	Self-survey data
Raw material	铌酸锂	transistor	0.0015	g	Self-survey data
Raw material	铜	other copper-alloy, except bronze and brass	0.001	g	Self-survey data
Raw material	铌酸锂	transistor	0.00187	g	Self-survey data
Raw material	铜	other active electronic components	0.00124	g	Self-survey data
Raw	铌酸锂	transistor	0.00187	g	Self-survey

materi al					y data
Raw materi al	铜	other active electronic components	0.00124	g	Self-surve y data
Raw materi al	铌酸锂	transistor	0.00187	g	Self-surve y data
Raw materi al	铜	other active electronic components	0.00124	g	Self-surve y data
Raw materi al	铌酸锂	transistor	0.00168	g	Self-surve y data
Raw materi al	铜	other active electronic components	0.00110 6	g	Self-surve y data
Raw materi al	PCB 基板	other	0.00206 2	g	Self-surve y data
Raw materi al	铌酸锂	transistor	0.0009	g	Self-surve y data
Raw materi al	铜	other active electronic components	0.0006	g	Self-surve y data
Raw materi al	铌酸锂	transistor	0.0009	g	Self-surve y data
Raw materi al	铜	other active electronic components	0.0006	g	Self-surve y data
Raw materi al	铌酸锂	transistor	0.0015	g	Self-surve y data
Raw materi al	Lithium tantalate	tantalum (and alloys of)	0.006	g	Self-surve y data
Raw materi al	钽酸锂	transistor	0.002	g	Self-surve y data
Raw materi al	氧化铝	other active electronic components	0.002	g	Self-surve y data

Raw material	Tungsten(W)	other active electronic components	0.002	g	Self-survey data
Raw material	钽酸锂	transistor	0.002	g	Self-survey data
Raw material	氧化铝	other active electronic components	0.002	g	Self-survey data
Raw material	Tungsten(W)	other active electronic components	0.002	g	Self-survey data
Raw material	钽酸锂	transistor	0.002	g	Self-survey data
Raw material	氧化铝	other active electronic components	0.00101	g	Self-survey data
Raw material	Tungsten(W)	other active electronic components	0.0001	g	Self-survey data
Raw material	钽酸锂	transistor	0.002	g	Self-survey data
Raw material	氧化铝	other active electronic components	0.00101	g	Self-survey data
Raw material	Tungsten(W)	other active electronic components	0.0001	g	Self-survey data
Raw material	Tungsten(W)	other active electronic components	0.002	g	Self-survey data
Raw material	氧化铝	other active electronic components	0.002	g	Self-survey data
Raw material	钽酸锂	transistor	0.002	g	Self-survey data
Raw material	氧化铝	other active electronic components	0.001	g	Self-survey data
Raw material	Tungsten(W)	other active electronic components	0.002	g	Self-survey data

al					
Raw material	钽酸锂	transistor	0.002	g	Self-survey data
Raw material	氧化铝	other active electronic components	0.00101	g	Self-survey data
Raw material	Tungsten(W)	other active electronic components	0.0001	g	Self-survey data
Raw material	铌酸锂	transistor	0.0009	g	Self-survey data
Raw material	铜	other active electronic components	0.0006	g	Self-survey data
Raw material	铌酸锂	transistor	0.001	g	Self-survey data
Raw material	铜	other active electronic components	0.0005	g	Self-survey data
Raw material	Silica	other	0.000952	g	Self-survey data
Raw material	Wafer Si	other	0.00062	g	Self-survey data
Raw material	BT Panel H	other	0.001728	g	Self-survey data
Raw material	陶瓷	refractory	0.00183	g	Self-survey data
Raw material	银浆	precious-metal (and alloys of)	0.00056	g	Self-survey data
Raw material	Frit	stainless steel	0.00026	g	Self-survey data
Raw material	Aluminum Oxide	antimony (and alloys of)	0.0002	g	Self-survey data
Raw	Titanium	tantalum (and alloys of)	0.0015	g	Self-survey

materi al	Dioxide				y data
Raw materi al	Cobalt aluminate spinel blue CI Pigment Blue 28	cobalt (and alloys of)	0.0001	g	Self-surve y data
Raw materi al	Silver	precious-metal (and alloys of)	0.0007	g	Self-surve y data
Raw materi al	Copper	copper, not alloyed	0.0007	g	Self-surve y data
Raw materi al	Nickel	nickel, not alloyed	0.0006	g	Self-surve y data
Raw materi al	Tin	tin, not alloyed	0.0023	g	Self-surve y data
Raw materi al	铜	copper, not alloyed	0.01016	g	Self-surve y data
Raw materi al	Aromatic Polyester Resin	other polyesters	0.02	g	Self-surve y data
Raw materi al	Aromatic Polyester Resin	other polyesters	0.02	g	Self-surve y data
Raw materi al	铜	copper, not alloyed	0.01016	g	Self-surve y data
Raw materi al	Aromatic Polyester Resin	other polyesters	0.0096	g	Self-surve y data
Raw materi al	铜	copper, not alloyed	0.0052	g	Self-surve y data
Raw materi al	LCP E4711	other copolymers of vinyl chloride	0.28	g	Self-surve y data
Raw materi al	磷青铜 C5240	other bronze	0.023	g	Self-surve y data
Raw	不 锈 钢	stainless steel	0.7872	g	Self-surve

materi al	SUS304				y data
Raw materi al	C2680	other copper-alloy, except bronze and brass	0.044	g	Self-surve y data
Raw materi al	C5191	other bronze	0.056	g	Self-surve y data
Raw materi al	电子料	other active electronic components	0.0016	g	Self-surve y data
Raw materi al	磷铜	other brass	0.038	g	Self-surve y data
Raw materi al	线材	polyvinylchloride (PVC), hard	0.213	g	Self-surve y data
Raw materi al	不 锈 钢 SUS301-H	stainless steel	0.0513	g	Self-surve y data
Raw materi al	镍镀层	nickel alloy	0.0057	g	Self-surve y data
Raw materi al	0.0068 钛 铜 合 金 YCUT-FX-EH	titanium (and alloys of)	0.0068	g	Self-surve y data
Raw materi al	不 锈 钢 SUS301-H	stainless steel	0.0513	g	Self-surve y data
Raw materi al	镍镀层	precious-metal (and alloys of)	0.0057	g	Self-surve y data
Raw materi al	SUS301	stainless steel	0.0078	g	Self-surve y data
Raw materi al	不锈钢	stainless steel	0.3	g	Self-surve y data
Raw materi al	C7025-NIPDA U	other active electronic components	0.00057 9	g	Self-surve y data
Raw materi al	塑封料	polypropylene (PP)	0.00135 1	g	Self-surve y data

Raw material	C7025-NIPDA U	other copper-alloy, except bronze and brass	0.0006	g	Self-survey data
Raw material	塑封料	other polyethers, including copolymers	0.0055	g	Self-survey data
Raw material	C7025-NIPDA U	other copper-alloy, except bronze and brass	0.0006	g	Self-survey data
Raw material	塑封料	copolymers of propylene	0.0055	g	Self-survey data
Raw material	C7025-NIPDA U	other copper-alloy, except bronze and brass	0.0006	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	1.04	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	2.59	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.3	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.14	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.29	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.86	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.31	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.32	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.73	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.28	g	Self-survey data

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Raw material	洋白铜	other copper-alloy, except bronze and brass	0.25	g	Self-survey data
Raw material	洋白铜	other copper-alloy, except bronze and brass	0.08	g	Self-survey data
Raw material	铜	other copper-alloy, except bronze and brass	0.08	g	Self-survey data
Raw material	纸	recovered pulp printing and writing paper	0.1	g	Self-survey data
Raw material	三氧化二铁	iron, not alloyed	0.025296	g	Self-survey data
Raw material	镍	nickel, not alloyed	0.005	g	Self-survey data
Raw material	氧化锌	zinc, not alloyed	0.00816	g	Self-survey data
Raw material	银	precious-metal (and alloys of)	0.00624	g	Self-survey data
Raw material	氧化铜	copper, not alloyed	0.002856	g	Self-survey data
Raw material	Aromatic Polyester Resin	other polyesters	0.0096	g	Self-survey data
Raw material	铜	copper, not alloyed	0.0052	g	Self-survey data
Raw material	不锈钢	stainless steel	0.28	g	Self-survey data
Raw material	不锈钢	stainless steel	0.28	g	Self-survey data
Raw material	C2680	other copper-alloy, except bronze and brass	0.044	g	Self-survey data
Raw	C5191	other bronze	0.056	g	Self-survey

material					y data
Raw material	磷铜	other brass	0.038	g	Self-survey data
Raw material	线材	polyvinylchloride (PVC), hard	0.213	g	Self-survey data
Raw material	0.0068 钛铜合金 YCUT-FX-EH	titanium (and alloys of)	0.0068	g	Self-survey data
Raw material	SUS301	stainless steel	0.0078	g	Self-survey data
Raw material	不锈钢	stainless steel	0.0078	g	Self-survey data
Raw material	不锈钢	stainless steel	0.3	g	Self-survey data
Raw material	洋白铜	copper, not alloyed	0.09	g	Self-survey data
Raw material	纸	recovered pulp printing and writing paper	0.1	g	Self-survey data
Raw material	C2680	other copper-alloy, except bronze and brass	0.044	g	Self-survey data
Raw material	C5191	other bronze	0.056	g	Self-survey data
Raw material	SUS301	stainless steel	0.0078	g	Self-survey data
Raw material	铜版纸	recovered pulp printing and writing paper	20	g	Self-survey data
Raw material	铜版纸	recovered pulp printing and writing paper	193	g	Self-survey data
Raw material	磁钢-基材	iron, not alloyed	0.5	g	Self-survey data

Raw material	磁钢-镀层	zinc alloy, except brass	0.001	g	Self-survey data
Raw material	磁罩-基材	iron, not alloyed	0.3	g	Self-survey data
Raw material	磁罩-镀层	nickel alloy	0.2	g	Self-survey data
Raw material	极片 1-基材	iron, not alloyed	0.25	g	Self-survey data
Raw material	球顶-基材	aluminium, not alloyed	0.1	g	Self-survey data
Raw material	音圈-胶层	copper, not alloyed	0.15	g	Self-survey data
Raw material	不锈钢片 1-SUS304	stainless steel	0.025	g	Self-survey data
Raw material	垫圈 1-泡棉 UFT-34BPT	polyamides (PA), including copolymers	0.15	g	Self-survey data
Raw material	锡	tin, not alloyed	0.95	g	Self-survey data
Raw material	尼龙 6T 树脂	epoxide resins (EP)	0.32	g	Self-survey data
Raw material	玻璃纤维	other synthetic fibres	0.2304	g	Self-survey data
Raw material	膜片 1-TPEE	poly(ethylene terephthalate) (PET), including copolymers	0.074	g	Self-survey data
Raw material	磁钢-基材	iron, not alloyed	0.5	g	Self-survey data
Raw material	磁钢-镀层	zinc, not alloyed	0.001	g	Self-survey data
Raw material	磁罩-基材	iron, not alloyed	0.3	g	Self-survey data

al					
Raw material	磁罩-镀层	nickel alloy	0.3	g	Self-survey data
Raw material	极片 1-基材	iron, not alloyed	0.25	g	Self-survey data
Raw material	球顶-基材	other aluminium alloy	0.1	g	Self-survey data
Raw material	音圈-胶层	other copper-alloy, except bronze and brass	0.2	g	Self-survey data
Raw material	不锈钢片 1-SUS304	stainless steel	0.04	g	Self-survey data
Raw material	垫圈 1-泡棉 UFT-34BPT	polyacrylamides, including copolymers (PAM)	0.16	g	Self-survey data
Raw material	尼龙 6T 树脂	epoxide resins (EP)	0.45	g	Self-survey data
Raw material	玻璃纤维	other synthetic fibres	0.36	g	Self-survey data
Raw material	膜片 1-TPEE	poly(ethylene terephthalate) (PET), including copolymers	0.169	g	Self-survey data

Table 2-3 Component Transportation Table

Component Name	Gross Weight (g)	Origin	Destination	Transportation Distance (km)	Transport Quantity	Inventory Name	Process Data Source
CU Label	0.38	惠州	惠州	3	100.00000000	Transport, freight, light commercial vehicle	Self-survey data
Blank Label	0.1	惠州	惠州	52	100.00000000	Transport,	Self-survey

						freight, lorry 3.5-7.5 metric ton, EUROI II	data
Plastic Bag	0.2	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Data Cable	18.5	东莞	惠州	45	100.00000000 0000000	Transp ort, freight, light comm ercial vehicle	Self-su rvey data
Normal Charger	45.087	惠州	惠州	52	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Dual SIM card Tray	0.2	东莞	惠州	96	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
SIM PIN	0.22	东莞	惠州	70	100.00000000 0000000	Transp ort, freight,	Self-su rvey data

						lorry 3.5-7.5 metric ton, EUROI II	
Camera	0.38042	泸州	惠州	1456	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Camera	0.38042	重庆	惠州	1400	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Camera	0.60042	重庆	惠州	1400	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Camera	0.38042	威海	惠州	2069	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Coin linear Vibrator	0.61	温州	惠州	1100	100.00000000 0000000	Transp ort,	Self-su rvey

		市				freight, lorry 7.5-16 metric ton, EUROI II	data
Waterproof Fingerprint Module	0.301	湖北	惠州	762	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Camera DECO2	3.02	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Furnished Camera DECO1	2.9	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Camera Lens	3.02	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Volume Key	0.23	东	惠州	60	100.00000000	Transp	Self-su

		莞			0000000	ort, freight, lorry 3.5-7.5 metric ton, EUROI II	rvey data
Furnished NXPAPER Key	0.3	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Front Camera Copper	0.056	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
50M Conductive Adhesive	0.05	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Periscope Camera Copper	0.056	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data

8M Conductive Adhesive	0.05	东莞	惠州	60	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
FP FPC Conductive Adhesive	0.039	东莞	惠州	60	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Flash PCB Conductive Foam	0.1	东莞	惠州	60	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Shielding Heat Sink	3	东莞	惠州	60	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Top Support Heat Sink	1.5	东莞	惠州	60	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data

						II	
Screw	0.0488	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
Screw	0.0488	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
RF Cable C	0.0061	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
Battery Package Film	0.29	东莞	惠州	60	100.00000000 0000000	Transport, freight, lorry 16-32 metric ton, EUROI II	Self-survey data
8M Rubber	0.083	东莞	惠州	60	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton,	Self-survey data

						EUROI II	
Power Key Rubber	0.25	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Bottom Box Rubber	0.1	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Camera Lens Adhesive	0.1	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Cable Mylar	0.1	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Side Cable Mylar	0.1	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric	Self-su rvey data

						ton, EUROI II	
Side key Support	0.35	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Furnished Antenna Support	0.5	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Next Key Contact Support	1.5	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Furnished NXTPAPER Key Support	0.6	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Periscope Camera Foam	0.085	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5	Self-su rvey data

						metric ton, EUROII	
Battery Bot Foam	0.085	东莞	惠州	60	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Side Key FPC Waterproof Foam	0.089	东莞	惠州	60	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
8M Protect Foam	0.1	东莞	惠州	60	100.0000000000000000	Transport, freight, lorry 16-32 metric ton, EUROII	Self-survey data
LI-Polymer Battery	62.796989	惠州	惠州	60	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
PCBA LABEL	0.1	惠州	惠州	4	100.0000000000000000	Transport, freight, light	Self-survey data

						commercial vehicle	
Screw	0.0488	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
main-sub-Furnished FPC	0.44	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Type C-Furnished FPC	0.093	深圳	惠州	65	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Main Slide Key Furnished FPC	0.23	深圳	惠州	65	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Furnished Battery Cover	8.31	东莞	惠州	70	100.00000000 0000000	Transport, freight, lorry 3.5-7.5	Self-survey data



						ton, EUROI II	
Resistor	0.000033 33333	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Resistor	0.00016	北京	惠州	1800	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Resistor	0.1	广东省肇庆市风华路18号风华电子工业园	TMC	263	100.00000000 0000000	Transp ort, freight, lorry 16-32 metric ton, EURO VI	Self-su rvey data
Resistor	0.00016	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5	Self-su rvey data

						metric ton, EURO II	
Resistor	0.00016	北京	惠州	1800	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Resistor	0.00016	上海	惠州	1400	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Resistor	0.00016	深圳	惠州	90	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Capacitor	0.1	东莞市凤岗镇	TMC	58	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data
Capacitor	0.1	东莞市凤岗镇	TMC	58	100.0000000000000000	Transport, freight, light commercial	Self-survey data

						vehicle	
Capacitor	0.00022	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Capacitor	0.00022	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Capacitor	0.00022	云浮	惠州	280	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
(no purchase)Capacitor	0.1	广东省东莞市凤岗镇东深路凤岗段107	TCL 惠州工厂	54	100.00000000 0000000	Transport, freight, light commercial vehicle	Self-survey data

		号					
Capacitor	0.0003	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
Capacitor	0.0003	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
Capacitor	0.0003	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
Capacitor	0.0003	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
Capacitor	0.0003	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton,	Self-survey data

						EURO II	
Capacitor	0.0003	云浮	惠州	280	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Capacitor	0.1	广东省东莞市凤岗镇东深路凤岗段107号	TMC	54	100.00000000 0000000	Transport, freight, light commercial vehicle	Self-survey data
Capacitor	0.0003	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Capacitor	0.0003	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton,	Self-survey data

						EUROI II	
Capacitor	0.0003	云 浮	惠州	280	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.0003	深 圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.0003	深 圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.000033	深 圳	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.000033	云 浮	惠州	280	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric	Self-su rvey data

						ton, EUROI II	
Capacitor	0.000033	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.000033	香港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.000033	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.000033	香港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.000033	云浮	惠州	280	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5	Self-su rvey data

						metric ton, EURO II	
Capacitor	1.0005	东莞市凤岗镇	TMC	58	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data
Capacitor	0.1	香港九龍官塘海濱道173號申新	tcl 香港仓	20	100.0000000000000000	Transport, freight, lorry 7.5-16 metric ton, EURO VI	Self-survey data
Capacitor	0.000033	深圳	惠州	90	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Capacitor	0.000033	深圳	惠州	90	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Capacitor	0.000033	云浮	惠州	280	100.0000000000000000	Transport,	Self-survey

						freight, lorry 3.5-7.5 metric ton, EURO II	data
Capacitor	1.00025	东莞市凤岗镇	TMC	58	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data
Inductor	0.1	深圳市龙华区观澜街道观光路大富苑工业区顺	TCL 惠州工厂	100	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data
Inductor	0.1	深圳市龙华区观澜街道	TCL 惠州工厂	100	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data

		观光路大富苑工业区顺					
Inductor	0.1	深圳市龙华区观澜街道观光路大富苑工业区顺	TCL 惠州工厂	100	100.00000000 0000000	Transport, freight, light commercial vehicle	Self-survey data
Inductor	0.1	深圳市龙华区观澜街道观光路大	TMC	100	100.00000000 0000000	Transport, freight, lorry 16-32 metric ton, EURO VI	Self-survey data

		富苑工业 区顺					
Inductor	0.1	深圳市 龙华区 观澜街 道观光 路大富 苑工业 区顺	TCL 惠 州工厂	100	100.00000000 0000000	Transp ort, freight, light comm ercial vehicle	Self-su rvey data
Inductor	0.00022	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Chip Ferrite Beads	0.0014	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data

Multi-layer Chip Ferrite Beads	0.0014	深圳	惠州	90	100.00000000 0000000	Transport, freight, light commercial vehicle	Self-survey data
Chip Ferrite Bead	0.0014	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Chip Ferrite Beads	0.0014	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Saw Filter	0.0015	上海	惠州	1400	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Saw Filter	0.00311	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
Saw Filter	0.00311	上	惠州	1400	100.00000000	Transport	Self-su

		海			0000000	ort, freight, light comm ercial vehicle	rvey data
Saw Filter	0.00311	无 锡	惠州	1106	100.00000000 0000000	Transp ort, freight, light comm ercial vehicle	Self-su rvey data
Saw Filter	0.00311	上 海	惠州	1400	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Saw Filter	0.002786	香 港	惠州	90	100.00000000 0000000	Transp ort, freight, light comm ercial vehicle	Self-su rvey data
Saw Filter	1.002606 2	浙 江 省 嘉 兴 市 海 宁 市 海 昌 街 道 谷 水	TMC	1220	100.00000000 0000000	Transp ort, freight, light comm ercial vehicle	Self-su rvey data

		路 306 号					
Saw Filter	0.0015	深圳	惠州	90	100.00000000 0000000	Transport, freight, light commercial vehicle	Self-survey data
Saw Filter	0.0015	浙江	惠州	1100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
diplexer	0.0015	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
SAW Duplexer	0.006	上海	惠州	1400	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
SAW Duplexer	1.0026	无锡市 滨湖经济	TMC	1100	100.00000000 0000000	Transport, freight, aircraft , unspecified -	Self-survey data

		技术开发区高运路115号				GLO	
SAW Duplexer	0.006	上海	惠州	1400	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
SAW Duplexer	0.006	无锡	惠州	1100	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data
SAW Duplexer	0.00311	无锡	惠州	1100	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data
SAW Duplexer	0.00311	上海	惠州	1400	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
SAW Duplexer	0.006	浙江	惠州	1200	100.0000000000000000	Transport,	Self-survey

						freight, lorry 3.5-7.5 metric ton, EUROII	data
SAW Duplexer	0.005	香港	惠州	100	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Diplexer	0.00311	香港	惠州	90	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data
Low Pass LC Filter	0.0015	深圳	惠州	90	100.0000000000000000	Transport, freight, light commercial vehicle	Self-survey data
Low Pass Filter	0.0015	香港	惠州	100	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
SAW Quadplexer	1.0033	火炭禾盛街	TMC	18	100.0000000000000000	Transport, freight, light comm	Self-survey data

		10-16号海辉工业中心12楼				ercial vehicle	
Coupler	0.00224	深圳	惠州	90	100.0000000000000000	Transport, freight, lorry 16-32 metric ton, EURO II	Self-survey data
Triplexer	0.00636	香港	惠州	100	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data
MOSFET	1.004878	香港新界荃灣橫龍街78-84號正好工	TMC	3	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EURO II	Self-survey data

		業大					
Hall IC	0.001175	香港	惠州	100	100.00000000 0000000	Transport, freight, light commercial vehicle	Self-survey data
BTB Connector( Socket)	0.03016	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
BTB Connector( Socket)	0.03016	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
BTB Connector( Socket)	0.0148	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Battery Connector ( Socket)	1.0902	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data

						II	
RF Connector	0.235	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
RF Switch	0.0016	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
RF cable clip	0.251	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
Antenna Spring	0.057	香港	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-survey data
Antenna Spring	0.0068	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton,	Self-survey data

						EUROI II	
Antenna Spring	0.057	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Antenna Spring	0.0078	香港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
MIC	0.3	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Antenna tuning,RF switch	0.1	香港 新界 荃 湾 横 龙 街 78- 84 号 正好 工	TCL 香 港仓	3	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EURO V	Self-su rvey data

		业大					
SPDT Switch	0.00193	香港	惠州	90	100.00000000 0000000	Transport, freight, light commercial vehicle	Self-survey data
RF switch	0.002581	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
SPDT switch	0.0061	香港	惠州	100	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Antenna tuning,RF switch	0.0061	深圳	惠州	90	100.00000000 0000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
RF Shielding	1.04	江西	惠州	430	100.00000000 0000000	Transport, freight, lorry 7.5-16 metric ton, EUROII	Self-survey data

						II	
BB Shielding	2.59	江西	惠州	430	100.00000000 0000000	Transport, freight, lorry 7.5-16 metric ton, EUROI II	Self-survey data
5G PA Shielding	0.3	江西	惠州	430	100.00000000 0000000	Transport, freight, lorry 7.5-16 metric ton, EUROI II	Self-survey data
Audio Shielding	0.14	江西	惠州	430	100.00000000 0000000	Transport, freight, lorry 7.5-16 metric ton, EUROI II	Self-survey data
5V DC Shielding	0.29	江西	惠州	430	100.00000000 0000000	Transport, freight, lorry 7.5-16 metric ton, EUROI II	Self-survey data
NFC&WIFI Shielding	0.86	江西	惠州	430	100.00000000 0000000	Transport, freight, lorry 7.5-16 metric ton,	Self-survey data

						EUROI II	
MAGIC PEN Shielding	0.31	江西	惠州	430	100.00000000 0000000	Transp ort, freight, lorry 7.5-16 metric ton, EUROI II	Self-su rvey data
4G PA Shielding	0.32	江西	惠州	430	100.00000000 0000000	Transp ort, freight, lorry 7.5-16 metric ton, EUROI II	Self-su rvey data
PMU Shielding	0.73	江西	惠州	430	100.00000000 0000000	Transp ort, freight, lorry 7.5-16 metric ton, EUROI II	Self-su rvey data
DRX TOP Shielding	0.28	江西	惠州	430	100.00000000 0000000	Transp ort, freight, lorry 7.5-16 metric ton, EUROI II	Self-su rvey data
LDO Shielding	0.25	江西	惠州	430	100.00000000 0000000	Transp ort, freight, lorry 7.5-16 metric	Self-su rvey data

						ton, EUROI II	
4G PA_B Shielding	0.08	江西	惠州	430	100.00000000 0000000	Transp ort, freight, lorry 7.5-16 metric ton, EUROI II	Self-su rvey data
Shielding Copper	0.08	东莞	惠州	60	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
PCBA LABLE	0.1	惠州	惠州	4	100.00000000 0000000	Transp ort, freight, light comm ercial vehicle	Self-su rvey data
Main PCB	5	吉安市	惠州	428	100.00000000 0000000	Transp ort, freight, lorry 7.5-16 metric ton, EUROI II	Self-su rvey data
Flash LED sub PCB	0.3	吉安市	惠州	428	100.00000000 0000000	Transp ort, freight, lorry 7.5-16 metric ton,	Self-su rvey data

						EUROI II	
Capacitor	0.0003	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.0003	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.0003	深圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.0003	香港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.0003	香港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric	Self-su rvey data

						ton, EUROI II	
Capacitor	0.0003	云 浮	惠州	280	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.1	广 东 省 东 莞 市 凤 岗 镇 东 深 路 凤 岗 段 107 号	TCL 惠 州工厂	54	100.00000000 0000000	Transp ort, freight, light comm ercial vehicle	Self-su rvey data
Capacitor	0.000033	深 圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Capacitor	0.000033	深 圳	惠州	90	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric	Self-su rvey data

						ton, EUROI II	
Capacitor	0.000033	云 浮	惠州	280	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Chip Ferrite Beads	0.047552	香 港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
BTB Connector( Socket)	0.0148	香 港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
SIM Card Connector	0.28	香 港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
SIM Card Connector	0.28	香 港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5	Self-su rvey data

						metric ton, EUROII	
RF Connector	0.235	香港	惠州	100	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
RF cable clip	0.251	香港	惠州	100	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Antenna Spring	0.0068	深圳	惠州	90	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Antenna Spring	0.0078	香港	惠州	100	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Antenna Spring	0.0078	香港	惠州	100	100.0000000000000000	Transport, freight, lorry	Self-survey data

						3.5-7.5 metric ton, EUROII	
MIC	0.3	深圳	惠州	90	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Antenna tuning,RF switch	0.1	香港新界荃湾横龙街78-84号正好工业大	TCL 香港仓	3	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROV	Self-survey data
Antenna tuning,RF switch	0.002	香港	惠州	100	100.0000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
SUB PCB steel	0.09	江西	惠州	430	100.0000000000000000	Transport, freight, lorry	Self-survey data

						7.5-16 metric ton, EUROI II	
PCBA LABLE	0.1	惠州	惠州	4	100.00000000 0000000	Transp ort, freight, light comm ercial vehicle	Self-su rvey data
RF Connector	0.235	香港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Antenna Spring	0.0078	香港	惠州	100	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
Sub PCB	6.95	江西 吉 安市	惠州	450	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5 metric ton, EUROI II	Self-su rvey data
用户手册,	20	肇 庆	惠州	380	100.00000000 0000000	Transp ort, freight, lorry 3.5-7.5	Self-su rvey data

						metric ton, EUROII	
彩盒(充电器款)	193	东莞	惠州	60	100.0000000000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Top Speaker BOX	3.2504	嘉兴市	惠州	1270	100.0000000000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data
Bottom Speaker BOX	4.03	嘉兴市	惠州	1270	100.0000000000000000000000	Transport, freight, lorry 3.5-7.5 metric ton, EUROII	Self-survey data

## 2.2 Cu Reference Product Manufacturing

### (1) Basic Process Information

Process Name: Cu Reference Product Manufacturing

Process Boundary: Includes energy consumption and pollutant emissions from the manufacturing of the complete Cu Reference device. The loss of products during the production process is less than 1% and is not included in the accounting scope.

### (2) Data Representativeness

Primary Data Source: Represents actual data from the enterprise and supply chain.

Company Name: 惠州 TCL 移动通信公司。Huizhou TCL Mobile communication Co., Ltd.

Location: 中国

Reference Year: 2025-01-01-2025-06-30

Table 2-4 Product Manufacturing Table

Type	Process Name	Value	Unit	Process Data Source
Electricity, low voltage - CN	Whole machine manufacturing	1.100992350682382	KWh	Self-survey data

## 2.3 Cu Reference Product Distribution

### (1) Basic Process Information

Process Name: Cu Reference Product Distribution

Process Boundary: Includes transportation consumption for the distribution of Cu Reference.

### (2) Data Representativeness

Primary Data Source: Represents actual data from the enterprise and its supply chain.

Company Name: 惠州 TCL 移动通信公司。Huizhou TCL Mobile communication Co., Ltd.

Location: 中国

Reference Year: 2025-01-01-2025-06-30

Table 2-5 Cu Reference Distribution Transportation Table

Route	Origin	Destination	Transportation Distance (km)	Inventory Name	Process Data Source
1	huizhou	HK Airport	92	Transport, freight, lorry 16-32 metric ton, EUROIII	Self-survey data
1	HK	Italy Airport	9300	Transport,	Self-survey data

	Airport			freight, aircraft, unspecified - GLO	
1	Italy Airport	Italy Warehouse	100	Transport, freight, lorry 16-32 metric ton, EUROIII	Self-survey data

## 2.4 Cu Reference Use Phase

### (1) Basic Process Information

Process Name: Cu Reference Use Phase

Process Boundary: Energy consumption for the 3-year use of Cu Reference.

### (2) Data Representativeness

Primary Data Source: Represents actual data from the enterprise and supply chain.

Company Name: 惠州 TCL 移动通信公司。Huizhou TCL Mobile communication Co., Ltd.

Location: 中国

Reference Year: 2025-01-01-2025-06-30

Table 2-6 Use Phase Inventory Data Table

Type	Region	Transport Mode Share(%)	Inventory Name	Process Data Source
Electricity	Italy	100%	Electricity, low voltage - IT	Self-survey data

## 2.5 Cu Reference End-of-Life Treatment

### (1) Basic Process Information:

Process Name: Cu Reference End-of-Life Treatment

Process Boundary: Energy consumption for the end-of-life treatment of Cu Reference. Material recovery rate and Energy recovery rate are set according

to EN 50693-2019. See the figure below for details:

Parameter in EoL Formula		Material recycled content (R <sub>1</sub> )	Material recovery rate (R <sub>2</sub> )
<b>Metals</b>	Steel	0 %	80 %
	Other ferrous metals	0 %	80 %
	Aluminium	0 %	70 %
	Copper	0 %	60 %
	Other non-ferrous metals	0 %	60 %
<b>Plastics</b>	PP	0 %	20 %
	PS-HIPS	0 %	20 %
	ABS	0 %	20 %
	PU foam	0 %	0 %
	Rubber	0 %	0 %
	Other plastics or elastomers containing	0 %	

(2) Data Representativeness:

Primary Data Source: Represents actual data from the enterprise and supply chain.

Company Name: 惠州 TCL 移动通信公司。Huizhou TCL Mobile communication Co., Ltd.

Location: 中国

Reference Year: 2025-01-01-2025-06-30

Based on the energy consumption for the disassembly of Cu Reference after disposal, as well as the generation of final waste and disposal methods, the calculations are detailed in the table below:

Table 2-7 End-of-Life Process Inventory Data Table

Type	Value	Unit	Inventory Name	Process Data Source
Waste electricity	2.420812193772808	kwh	Electricity, low voltage - CN	Self-survey data
Waste energy	0	立方米 (m3)	Tap water - GLO	Self-survey data
Waste transportation	40	km	Transport, freight, lorry 3.5-7.5 metric ton, EUROIII	Self-survey data
Recycling	3.9432	g	Recycled Steels	Self-survey data
Recycling	1.2342	g	Recycled Other ferrous metals	Self-survey data
Recycling	6.7704	g	Recycled PP	Self-survey data
Recycling	10.4256	g	Recycled Other plastics	Self-survey data
Recycling	9.7173	g	Recycled Glass	Self-survey data
Recycling	0.6674	g	Recycled PCBs(support)	Self-survey data
Recycling	2.6572	g	Recycled PCBs(metals)	Self-survey data
Incineration	0	g	Recycled Steels	Self-survey data
Incineration	0	g	Recycled Other ferrous metals	Self-survey data
Incineration	0	g	Recycled PP	Self-survey data
Incineration	0	g	Recycled Other plastics	Self-survey data
Incineration	0	g	Recycled Glass	Self-survey data
Incineration	0	g	Recycled PCBs(support)	Self-survey data
Incineration	0	g	Recycled PCBs(metals)	Self-survey data
Landfill	3.9432	g	Recycled Steels	Self-survey data
Landfill	1.2342	g	Recycled Other ferrous metals	Self-survey data

Landfill	6.7704	g	Recycled PP	Self-survey data
Landfill	10.4256	g	Recycled Other plastics	Self-survey data
Landfill	9.7173	g	Recycled Glass	Self-survey data
Landfill	0.6674	g	Recycled PCBs(support)	Self-survey data
Landfill	2.6572	g	Recycled PCBs(metals)	Self-survey data

### 3. Life Cycle Impact Analysis

#### 3.1 LCA Results

The LCA results for (Model: T807W) were calculated by using the GPM system. The calculated indicators include Global Warming Potential,GWP-total、 Global Warming Potential,GWP-fossil、 Global Warming Potential,GWP-biogenic、 Global Warming Potential,GWP-land use and land use change 、 Acidification Potential, AP 、 Eutrophication Potential in Freshwater,EP aquatic freshwater 、 Eutrophication Potential in Marine Ecosystems,EP aquatic marine 、 Eutrophication Potential on Land,EP terrestrial、 Photochemical ozone creation potential,POCP、 Ozone depletion potential,ODP、 Abiotic Depletion Potential for Mineral Metals,ADP minerals and metals、 Abiotic Depletion Potential for Fossil Resources,ADP fossil resources、 Water deprivation potential,WDP.

Table 3-1 Model: T807W LCA Results

<b>Environmental Impact Indicator</b>	<b>Units of Environmental Impact Indicators</b>	<b>Main Inventory Materials</b>
Global Warming Potential,GWP-total	kg CO2 eq.	49.340
Global Warming Potential,GWP-fossil	kg CO2 eq.	47.802
Global Warming Potential,GWP-biogenic	kg CO2 eq.	1.494
Global Warming Potential,GWP-land use and land use change	kg CO2 eq.	0.045
Acidification Potential, AP	Mol H+ eq.	0.292
Eutrophication Potential in	kg P eq.	0.045

Freshwater,EP aquatic freshwater		
Eutrophication Potential in Marine Ecosystems,EP aquatic marine	kg N eq.	0.056
Eutrophication Potential on Land,EP terrestrial	Mol N eq.	0.608
Photochemical ozone creation potential,POCP	Kg NMVOC eq.	0.160
Ozone depletion potential,ODP	kg CFC 11 eq.	0.000
Abiotic Depletion Potential for Mineral Metals,ADP minerals and metals	kg Sb eq.	0.011
Abiotic Depletion Potential for Fossil Resources,ADP fossil resources	MJ.	646.545
Water deprivation potential,WDP	M3.	25.166

### 3.2 Process Cumulative Contribution Analysis

Process cumulative contribution refers to the cumulative value of contributions from the process itself and all its upstream processes (i.e., the contributions from raw material consumption). Since processes typically involve multiple inventory data, process contribution analysis is essentially the accumulation of sensitivities from multiple inventory data.

Table 3-2 Model: T807W LCA Cumulative Contribution Results

Component Name	Component Manufacturing	Product Manufacturing	Product Distribution	Use Phase	End-of-Life Treatment	Total
GWP(kg CO2 eq)	2.40555E1	1.20726E0	1.71611E0	2.00687E1	2.29277E0	4.93404E1
GWP-fossil (kg CO2 eq)	2.41345E1	1.21408E0	1.71545E0	1.84322E1	2.30552E0	4.78017E1

GWP-biogenic( kg CO2 eq)	-1.19721E-1	-6.96928E- 3	5.64952E -4	1.6330 7E0	-1.3052E- 2	1.49 389E 0
GWP-land use and land use change(kg CO2 eq)	4.09893E-2	1.54139E-4	1.00846E -4	3.2533 1E-3	3.004E-4	4.47 98E- 2
AP (mol H+eq)	1.74694E-1	6.39677E-3	8.88532E -3	9.0294 6E-2	1.21446E- 2	2.92 416E -1
EP aquatic freshwater (kg P eq)	3.7535E-2	2.31208E-4	2.26246E -5	4.7422 5E-3	2.85609E- 3	4.53 871E -2
EP aquatic marine (kg N eq)	3.52986E-2	1.35422E-3	3.24829E -3	1.3107 3E-2	2.60498E- 3	5.56 134E -2
EP terrestrial ( Mol N eq)	3.82432E-1	1.439E-2	3.55963E -2	1.4854 9E-1	2.73901E- 2	6.08 358E -1
POCP (kg NMVOC eq)	9.80548E-2	3.73236E-3	9.22985E -3	4.2234 6E-2	7.10832E- 3	1.60 36E- 1
ODP (kg CFC 11 eq)	8.45472E-6	6.36199E-9	3.90173E -7	2.5265 6E-6	1.35462E- 8	1.13 914E -5
ADP minerals and metals (kg Sb eq)	1.12873E-2	3.65686E-6	4.66742E -7	1.8117 2E-4	6.97705E- 6	1.14 796E -2

ADP fossil resources (MJ)	3.10281E2	1.07152E1	2.40436E1	2.81132E2	2.03729E1	6.46545E2
WDP (m <sup>3</sup> )	1.024E1	1.31018E-1	3.03999E-2	1.45156E1	2.49111E-1	2.51661E1

Table 3-3 Model: T807W Component Manufacturing Detailed Emission Data

P r o c e s s N a m e	Q u a n t i t y	G W P (k g C O 2 e q)	G W P -f o s s i l (k g C O 2 e q)	G W P -b i o g e n i c (k g C O 2 e q)	G W P -I a n d u s e a n d l a n d u s e c h a n g e (k g C O 2 e q)	A P (m o l H + e q)	EP-fre shwat er (kg P eq)	EP-mari ne (kg P eq)	EP-ter restria l (kg P eq)	POC P (kg NMV OC eq)	O D P (k g C F C 11 e q)	A D P n o n f o s s i l (k g S b e q)	A P f o s s i l (M J)	WDP (m <sup>3</sup> )
C U L a b e l R a w M a t e r i a l	1	3.31523E-4	7.83017E-4	-4.52952E-4	1.4592E-6	4.484E-6	2.736E-7	1.0184E-6	1.03854E-5	2.793E-6	5.0415E-11	3.19313E-9	1.05449E-2	6.11948E-4
彩盒标签 C P	1	2.23011E-6	2.22527E-6	3.363E-9	1.482E-9	1.2357	3.306E-10	3.705E-9	4.07664E-8	1.32012E-8	4.341E-13	3.23725E-1	3.18367E-5	2.49136E-7

F 0 0 0 5 0 4 A C 0 T r a n s p o r t a t i o n E m i s s i o n s						6 E- 8								
Bl a n k L a b e l R a w M a t e r i a l	1	8. 72 43 E- 5	2.060 57E- 4	-1.19 198E -4	3.84E- 7	1. 1 8 E- 6	7.2E-8	2.68 E-7	2.733 E-6	7.35 E-7	1. 32 67 1E -1 1	8.40 297 E-1 0	2. 77 49 6E -3	1.61 039E -4



M a t e r i a l														
胶 袋  C N C 1 0 0 0 2 8 5 C 0 T r a n s p o r t a t i o n E m i s s i o n s	1	9. 84 49 2E -6	9.833 4E-6	5.58 E-9	5.94E- 9	6. 1 7 4 E- 8	9.8832 8E-10	2.23 2E-8	2.4336 E-7	6.71 4E-8	2. 01 96 E- 12	5.80 486 E-1 1	1. 41 59 8E -4	8.34 66E- 7
D a t a C a b l e	1	2. 42 37 6E -3	2.423 76E- 3	9.822 6E-5	3.706E -6	8. 2 4 1 6	6.528E -6	4.89 6E-6	6.3002 E-5	2.05 02E- 5	1. 21 93 1E -1	1.80 2E- 6	3. 02 93 5E -2	2.23 105E -3

R a w M a t e r i a l						E- 5					0			
D a t a C a b l e R a w M a t e r i a l	1	1. 07 95 E- 2	1.081 1E-2	-3.04 416E -5	1.44E- 5	6. 9 2 3 5 2 E- 5	3.2256 E-6	1.15 632E -5	1.2078 7E-4	3.46 8E-5	3. 18 79 3E -1 0	9.32 866 E-9	9. 72 22 3E -2	1.48 379E -3
D a t a C a b l e R a w M a t e r i a l	1	9. 23 91 2E -3	9.184 14E- 3	4.497 5E-5	1.0045 E-5	4. 3 7 1 5 E- 5	2.555E -6	8.82 E-6	9.0265 E-5	2.86 65E- 5	4. 08 42 2E -1 0	1.32 795 E-7	1. 94 15 8E -1	5.31 846E -3
D a t a C a b l	1	5. 42 16 6E	5.423 61E- 3	-6.39 E-6	4.41E- 6	2. 2 8 6	2.01E- 6	5.34 E-6	5.613 E-5	2.50 8E-5	2. 73 76 8E	9.90 693 E-9	5. 97 86 E-	1.09 623E -3

e R a w M a t e r i a l		-3				E- 5					-1 0		2	
D a t a C a b l e R a w M a t e r i a l	1	7. 12 87 E- 5	7.128 7E-5	2.889 E-6	1.09E- 7	2. 4 2 4 E- 6	1.92E- 7	1.44 E-7	1.853 E-6	6.03 E-7	3. 58 62 E- 12	5.3 E-8	8. 90 98 4E -4	6.56 19E- 5
D a t a C a b l e R a w M a t e r i a l	1	2. 05 76 8E -3	2.049 15E- 3	6.873 6E-6	1.6512 E-6	8. 9 6 6 4 E- 6	4.032E -7	1.70 24E- 6	1.7484 8E-5	6.38 72E- 6	9. 71 19 4E -9	2.33 987 E-8	4. 57 03 2E -2	1.06 065E -3
D a t a C a	1	6. 43 02	6.403 6E-4	2.148 E-6	5.16E- 7	2. 8 0	1.26E- 7	5.32 E-7	5.464 E-6	1.99 6E-6	3. 03 49	7.31 21E -9	1. 42 82	3.31 454E -4

bl e R a w M a t e r i a l		4E -4				2 E- 6					8E -9		3E -2	
D a t a C a b l e R a w M a t e r i a l	1	5. 70 29 6E -5	5.702 96E- 5	2.311 2E-6	8.72E- 8	1. 9 3 9 2 E- 6	1.536E -7	1.15 2E-7	1.4824 E-6	4.82 4E-7	2. 86 89 6E -1 2	4.24 E-8	7. 12 78 7E -4	5.24 952E -5
D a t a C a b l e R a w M a t e r i a l	1	4. 85 34 2E -2	4.820 66E- 2	2.369 58E- 4	9.0564 9E-5	4. 5 7 7 3 E- 4	1.7428 E-4	1.13 136E -4	1.3396 3E-3	3.08 84E- 4	2. 75 E- 9	6.49 37E -5	6. 33 88 E- 1	1.87 443E -2
D a t a C	1	1. 90 28	1.887 47E- 3	1.351 28E- 5	1.8658 E-6	1. 0 8	6.46E- 7	1.89 24E- 6	2.0204 6E-5	6.27 38E- 6	8. 57 58	5.32 E-8	2. 08 39	7.23 478E -4

a b l e R a w M a t e r i a l		5E -3				9 4 6 E- 5					E- 11		5E -2	
D a t a C a b l e R a w M a t e r i a l	1	9. 01 35 E- 4	8.940 65E- 4	6.400 8E-6	8.838E -7	5. 1 6 0 6 E- 6	3.06E- 7	8.96 4E-7	9.5706 E-6	2.97 18E- 6	4. 06 22 2E -1 1	2.52 E-8	9. 87 13 6E -3	3.42 7E-4
D a t a C a b l e R a w M a t e r i a l	1	1. 89 04 8E -4	1.887 12E- 4	1.845 E-7	1.52E- 7	8. 2 9 5 E- 7	4.5E-8	1.53 5E-7	1.624 E-6	7.9E -7	7. 66 17 5E -1 2	1.81 924 E-9	4. 36 79 1E -3	1.03 593E -4
D a t a	1	2. 57	2.564 14E- 6	1.218 6E-6	2.484E -7	1. 1	6.54E- 8	2.40 6E-7	2.1822 E-6	1.13 04E- 8	9. 28	2.32 631	5. 18	1.38 488E

Cable Raw Material		88 2E -4	4			1 7 8 E- 6				6	05 E- 10	E-9	26 E- 3	-4
Data Cable Raw Material	1	6. 66 44 9E -4	6.632 29E- 4	2.236 08E- 6	9.8352 E-7	5. 0 2 9 5 8 E- 5	6.3876 E-7	1.77 54E- 6	2.3710 6E-5	7.98 192 E-6	3. 28 49 6E -1 1	1.39 8E- 7	8. 97 88 1E -3	2.30 734E -4
Data Cable Raw Material	1	2. 25 33 8E -3	2.235 16E- 3	1.600 2E-5	2.2095 E-6	1. 2 9 0 1 5 E- 5	7.65E- 7	2.24 1E-6	2.3926 5E-5	7.42 95E- 6	1. 01 55 6E -1 0	6.3 E-8	2. 46 78 4E -2	8.56 75E- 4

D a t a C a b l e R a w M a t e r i a l	1	2. 66 56 4E -3	2.656 02E- 3	8.388 8E-6	1.232E -6	1. 0 6 6 2 4 E- 5	4.368E -7	2.00 48E- 6	2.128 E-5	8.69 12E- 6	5. 01 38 6E -1 1	1.57 042 E-8	8. 44 32 8E -2	9.97 595E -4
D a t a C a b l e R a w M a t e r i a l	1	1. 26 70 8E -2	1.259 54E- 2	6.168 E-5	1.3776 E-5	5. 9 9 5 2 E- 5	3.504E -6	1.20 96E- 5	1.2379 2E-4	3.93 12E- 5	5. 60 12 2E -1 0	1.82 119 E-7	2. 66 27 3E -1	7.29 389E -3
D a t a C a b l e R a w M a t e r i a l	1	2. 02 00 7E -4	2.008 58E- 4	9.545 7E-7	1.9458 E-7	8. 7 5 6 1 E- 7	5.123E -8	1.88 47E- 7	1.7093 9E-6	8.85 48E- 7	7. 26 97 2E -1 0	1.82 227 E-9	4. 05 97 E- 3	1.08 483E -4

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数据 线	1	1. 62 85 7E -3	1.625 03E- 3 6	2.455 88E- 6	1.0822 5E-6	9. 0 2 4 3 E- 6	2.4142 5E-7	2.70 562E -6	2.9770 2E-5	9.64 035 E-6	3. 17 23 3E -1 0	2.36 404 E-8	2. 32 49 1E -2	1.81 935E -4
C D A 0 0 0 0 2 0 5 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
N o r m a l C h a r g	1	1. 20 78 2E -1	1.205 43E- 1 4	2.325 75E- 4	6.2595 E-6	4. 1 9 2 4	3.0602 E-6	6.87 154E -5	7.4961 E-4	2.66 794 E-4	2. 76 09 4E -1	2.40 216 E-8	1. 38 65 2E 0	3.15 144E -2

er R a w M a t e r i a l						7 E- 4					0			
N o r m a l C h a r g e r R a w M a t e r i a l	1	1. 63 96 E- 3	1.639 6E-3	6.644 7E-5	2.507E -6	5. 5 7 5 2 E- 5	4.416E -6	3.31 2E-6	4.2619 E-5	1.38 69E- 5	8. 24 82 6E -1 1	1.21 9E- 6	2. 04 92 6E -2	1.50 924E -3
N o r m a l C h a r g e r R a w M a t e r i a l	1	3. 86 24 3E -3	3.686 62E- 3	1.620 17E- 4	1.3776 8E-5	3. 6 6 2 4 8 E- 5	4.5016 E-6	8.64 96E- 6	9.0725 6E-5	2.29 704 E-5	2. 50 5E -1 0	2.10 8E- 6	5. 41 10 9E -2	4.97 341E -3

Normal Charger Raw Material	1	7.75095E-3	7.73717E-3	7.5645E-6	6.232E-6	3.40095E-5	1.845E-6	6.2935E-6	6.6584E-5	3.239E-5	3.14132E-1	7.4589E-8	1.79084E-1	4.24731E-3
Normal Charger Raw Material	1	1.78848E-3	4.22417E-3	-2.44356E-3	7.872E-6	2.419E-5	1.476E-6	5.494E-6	5.60265E-5	1.50675E-5	2.7196E-1	1.72261E-8	5.868E-2	3.3013E-3
Normal Charger Raw	1	1.90823E-1	1.89592E-1	9.36709E-4	2.93619E-4	9.3062E-6	2.20704E-4	4.54694E-4	5.68836E-3	2.19271E-3	1.1043E-8	8.1312E-5	2.59790E-7	1.1072E-1

a w M a t e r i a l						3								
N o r m a l C h a r g e r R a w M a t e r i a l	1	1. 06 80 2E -3	1.065 42E- 3	1.107 68E- 6	1.4934 4E-6	7. 8 4 0 8 E- 6	8.3216 E-7	4.52 496E -6	1.7856 2E-5	4.16 768 E-6	6. 83 80 2E -1 1	1.80 16E -7	1. 24 17 E- 2	3.94 652E -4
N o r m a l C h a r g e r R a w M a t e r i a l	1	4. 10 30 2E -4	4.050 71E- 4	3.507 2E-6	1.724E -6	3. 2 1 9 1 2 E- 5	1.528E -6	1.27 04E- 6	1.6275 2E-5	5.08 08E- 6	3. 67 09 7E -1 1	8.78 4E- 7	6. 49 44 2E -3	2.41 758E -3
N o r m	1	2. 52	2.505 72E- 4	1.462 45E- 4	4.3099 4E-4	1. 6	3.8927 4E-4	3.60 626E	3.8698 E-3	9.69 68E- 4	2. 4E	1.14 362	3. 21	1.01 458E

al C h a r g e r R a w M a t e r i a l		46 5E -1	1	3		2 5 9 1 E- 3		-4		4	-8	E-4	28 2E 0	-1
N o r m a l C h a r g e r R a w M a t e r i a l	1	1. 84 93 9E -2	1.840 46E- 2	6.205 12E- 5	2.7292 7E-5	1. 3 9 5 7 1 E- 3	1.7725 6E-5	4.92 674E -5	6.5796 8E-4	2.21 498 E-4	9. 11 57 8E -1 0	3.87 945 E-6	2. 49 16 2E -1	6.40 288E -3
N o r m a l C h a r g e r R a w M a t e r i a l	1	1. 00 90 8E 1	1.001 4E1	5.971 59E- 2	1.7044 9E-2	6. 2 3 9 8 6 E- 2	1.2915 7E-2	1.32 549E -2	1.3906 1E-1	3.59 644 E-2	9. 74 4E -7	3.41 958 E-3	1. 28 04 4E 2	4.07 104E 0

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N o r m a l C h a r g e r R a w M a t e r i a l	1	2. 05 49 4E -3	2.058 22E- 3	-4.56 96E- 6	1.2992 E-6	7. 9 0 7 2 E- 6	9.072E -7	1.89 28E- 6	1.9902 4E-5	9.77 76E- 6	9. 37 36 4E -1 1	2.80 884 E-9	1. 99 92 8E -2	5.06 99E- 4
N o r m a l C h a r g e r R a w M a t e r i a l	1	1. 83 92 1E -1	1.825 22E- 1	1.088 42E- 3	3.1067 E-4	1. 1 3 7 3 1 E- 3	2.3540 9E-4	2.41 592E -4	2.5346 2E-3	6.55 508 E-4	1. 77 6E -8	6.23 272 E-5	2. 33 38 1E 0	7.42 012E -2
N o r m a l C h a r g e r R a w M a t e r i a l	1	7. 22 73 6E	7.163 64E- 2	5.091 22E- 4	1.2804 7E-4	8. 5 5 1	7.2131 3E-5	9.00 647E -5	9.9840 3E-4	4.29 774 E-4	2. 91 79 6E	1.67 895 E-5	9. 38 82 7E	4.19 988E -2

ar g er R a w M a t e r i a l		-2				3 3 E- 4					-9		-1	
N o r m a l C h a r g e r R a w M a t e r i a l	1	8. 95 59 5E -2	8.773 85E- 2	1.743 34E- 3	7.7579 6E-5	5. 2 0 0 8 5 E- 4	2.0928 2E-5	1.00 068E -4	1.0668 5E-3	3.22 477 E-4	6. 18 7E -6	5.91 8E- 7	1. 03 23 6E 0	2.77 05E- 2
N o r m a l C h a r g e r R a w M a t e r i a l	1	3. 03 90 8E -2	3.033 07E- 2	5.852 E-5	1.575E -6	1. 0 5 4 9 E- 4	7.7E-7	1.72 9E-5	1.8861 5E-4	6.71 3E-5	6. 94 70 1E -1 1	6.04 426 E-9	3. 48 87 4E -1	7.92 956E -3

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Normal Charger Raw Material	1	1.31202E-2	1.22852E-2	8.17836E-4	1.71E-5	1.5516E-4	3.0744E-5	3.5304E-5	4.76304E-4	1.04196E-4	8.27186E-1	3.2345E-5	1.57166E-1	1.2013E-2
Normal Charger Raw Material	1	2.65398E-3	2.63253E-3	1.88468E-5	2.6023E-6	1.51951E-5	9.01E-7	2.6394E-6	2.81801E-5	8.7503E-6	1.1961E-10	7.42E-8	2.90657E-2	1.00906E-3
普通充电器	1	1.28231E	1.28081E-3	7.26802E-7	7.73693E-7	8.041E-4	1.28731E-7	2.90721E-6	3.1698E-5	8.74507E-6	2.63056E	7.5609E-9	1.84433E	1.08716E-4

B A 0 1 1 8 B A 0 C 5 T r a n s p o r t a t i o n E m i s s i o n s		-3				7 2 E- 6					-1 0		-2	
D u a l S I M c a r d T r a y R a w M	1	1. 04 19 7E -3	1.039 91E- 3	2.006 4E-6	5.4E-8	3. 6 1 6 8 E- 6	2.64E- 8	5.92 8E-7	6.4668 E-6	2.30 16E- 6	2. 38 18 3E -1 2	2.07 232 E-1 0	1. 19 61 4E -2	2.71 871E -4

at er ia l														
D u a l S I M c a r d T r a y R a w M a t e r i a l	1	4. 00 6E -4	3.973 62E- 4	2.844 8E-6	3.928E -7	2. 2 9 3 6 E- 6	1.36E- 7	3.98 4E-7	4.2536 E-6	1.32 08E- 6	1. 80 54 3E -1 1	1.12 E-8	4. 38 72 7E -3	1.52 311E -4
双 卡 卡 托  B Q B 7 A 4 0 A 1 1 C 0 T r a n	1	1. 05 01 2E -5	1.048 9E-5	5.952 E-9	6.336E -9	6. 5 8 5 6 E- 8	1.0542 2E-9	2.38 08E- 8	2.5958 4E-7	7.16 16E- 8	2. 15 42 4E -1 2	6.19 185 E-1 1	1. 51 03 8E -4	8.90 304E -7

s p o r t a t i o n E m i s s i o n s														
S I M P I N R a w M a t e r i a l	1	1. 10 16 5E -3	1.092 75E- 3	7.823 2E-6	1.0802 E-6	6. 3 0 7 4 E- 6	3.74E- 7	1.09 56E- 6	1.1697 4E-5	3.63 22E- 6	4. 96 49 4E -1 1	3.08 E-8	1. 20 65 E- 2	4.18 856E -4
圓 形 卡 針  B M H 0 0 0 0 1 0 C	1	8. 42 28 8E -6	8.413 02E- 6	4.774 E-9	5.082E -9	5. 2 8 2 2 E- 8	8.4556 9E-10	1.90 96E- 8	2.0820 8E-7	5.74 42E- 8	1. 72 78 8E -1 2	4.96 638 E-1 1	1. 21 14 5E -4	7.14 098E -7

O T r a n s p o r t a t i o n E m i s s i o n s														
C a m e r a R a w M a t e r i a l	1	5. 00 46 4E -4	5.000 98E- 4	2.2E- 8	3.4E-7	2. 0 9 2 E- 6	9.4E-8	4.14 E-7	4.37E- 6	1.68 4E-6	2. 20 33 2E -1 1	3.90 79E -9	1. 46 36 E- 2	3.22 996E -4
C a m e r a R a w M a t e r i a l	1	8. 20 04 8E -5	8.117 84E- 5	7.728 E-7	5.44E- 8	8. 5 2 8 E- 7	8.8E-9	1.36 E-7	1.6496 E-6	4.02 4E-7	7. 55 37 4E -1 2	8.04 672 E-1 0	8. 45 49 E- 4	1.86 128E -5

C a m e r a R a w M a t e r i a l	1	3. 15 58 2E -5	3.132 15E- 5	1.828 06E- 7	5.3874 2E-8	2. 0 3 2 3 9 E- 7	4.8659 2E-8	4.50 782E -8	4.8372 5E-7	1.21 21E- 7	3E -1 2	1.42 952 E-8	4. 01 60 2E -4	1.26 823E -5
C a m e r a R a w M a t e r i a l	1	3. 15 40 9E -5	3.133 76E- 5	1.548 28E- 7	4.8532 E-8	1. 5 5 2 1 7 E- 6	3.648E -8	7.51 56E- 8	9.4022 4E-7	3.62 432 E-7	1. 82 52 9E -1 2	1.34 4E- 8	4. 29 41 7E -4	1.83 008E -5
C a m e r a R a w M a t e r i a l	1	5. 00 75 E- 4	4.967 03E- 4	3.556 E-6	4.91E- 7	2. 8 6 7 E- 6	1.7E-7	4.98 E-7	5.317 E-6	1.65 1E-6	2. 25 67 9E -1 1	1.4 E-8	5. 48 40 9E -3	1.90 389E -4
内 置 摄 像 头	1	3. 02 94	3.025 91E- 4	1.717 06E- 7	1.8278 4E-7	1. 8 9	3.0412 6E-8	6.86 825E -7	7.4886 1E-6	2.06 602 E-6	6. 21 46	1.78 626 E-9	4. 35 72	2.56 839E -5

A S A 3 2 0 0 0 0 4 C 1 T r a n s p o r t a t i o n E m i s s i o n s		5E -4				9 8 5 E- 6					6E -1 1		2E -3	
C a m e r a R a w M a t e r i a l	1	9. 59 32 4E -4	9.564 48E- 4	2.154 E-6	7.22E- 7	4. 7 3 E- 6	2.34E- 7	8.42 E-7	8.48E- 6	3.42 8E-6	8. 36 29 4E -1 1	1.28 295 E-8	1. 95 35 6E -2	5.02 568E -4

C a m e r a R a w M a t e r i a l	1	8. 20 04 8E -5	8.117 84E- 5	7.728 E-7	5.44E- 8	8. 5 2 8 E- 7	8.8E-9	1.36 E-7	1.6496 E-6	4.02 4E-7	7. 55 37 4E -1 2	8.04 672 E-1 0 E- 4	8. 45 49 E- 4	1.86 128E -5
C a m e r a R a w M a t e r i a l	1	3. 15 58 2E -5	3.132 15E- 5	1.828 06E- 7	5.3874 2E-8	2. 0 3 2 3 9 E- 7	4.8659 2E-8	4.50 782E -8	4.8372 5E-7	1.21 21E- 7	3E -1 2	1.42 952 E-8	4. 01 60 2E -4	1.26 823E -5
C a m e r a R a w M a t e r i a l	1	3. 15 40 9E -5	3.133 76E- 5	1.548 28E- 7	4.8532 E-8	1. 5 5 2 1 7 E- 6	3.648E -8	7.51 56E- 8	9.4022 4E-7	3.62 432 E-7	1. 82 52 9E -1 2	1.34 4E- 8	4. 29 41 7E -4	1.83 008E -5
C a m e r a	1	5. 00 75	4.967 03E- 4	3.556 E-6	4.91E- 7	2. 8 6	1.7E-7	4.98 E-7	5.317 E-6	1.65 1E-6	2. 25 67	1.4 E-8	5. 48 40	1.90 389E -4

R a w M a t e r i a l		E- 4				7 E- 6					9E -1 1		9E -3	
内 置 摄 像 头  A S A 5 0 0 0 2 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	2. 91 29 4E -4	2.909 53E- 4	1.651 02E- 7	1.7575 4E-7	1. 8 2 6 7 8 E- 6	2.9242 9E-8	6.60 409E -7	7.2005 9E-6	1.98 655 E-6	5. 97 56 4E -1 1	1.71 755 E-9	4. 18 96 3E -3	2.46 961E -5

C a m e r a R a w M a t e r i a l	1	2. 20 16 5E -4	2.195 05E- 4	4.943 43E- 7	1.6569 9E-7	1. 0 8 5 5 4 E- 6	5.3703 E-8	1.93 239E -7	1.9461 6E-6	7.86 726 E-7	1. 91 92 9E -1 1	2.94 437 E-9	4. 48 34 1E -3	1.15 339E -4
C a m e r a R a w M a t e r i a l	1	1. 02 50 6E -4	1.014 73E- 4	9.66 E-7	6.8E-8	1. 0 6 6 E- 6	1.1E-8	1.7E- 7	2.062 E-6	5.03 E-7	9. 44 21 7E -1 2	1.00 584 E-9	1. 05 68 6E -3	2.32 66E- 5
C a m e r a R a w M a t e r i a l	1	3. 15 58 2E -5	3.132 15E- 5	1.828 06E- 7	5.3874 2E-8	2. 0 3 2 3 9 E- 7	4.8659 2E-8	4.50 782E -8	4.8372 5E-7	1.21 21E- 7	3E -1 2	1.42 952 E-8	4. 01 60 2E -4	1.26 823E -5
C a m e r a	1	3. 15 40	3.133 76E- 5	1.548 28E- 7	4.8532 E-8	1. 5 5	3.648E -8	7.51 56E- 8	9.4022 4E-7	3.62 432 E-7	1. 82 52	1.34 4E- 8	4. 29 41	1.83 008E -5

R a w M a t e r i a l		9E -5				2 1 7 E- 6					9E -1 2		7E -4	
C a m e r a R a w M a t e r i a l	1	1. 50 22 5E -3	1.490 11E- 3	1.066 8E-5	1.473E -6	8. 6 0 1 E- 6	5.1E-7	1.49 4E-6	1.5951 E-5	4.95 3E-6	6. 77 03 7E -1 1	4.2 E-8	1. 64 52 3E -2	5.71 167E -4
C a m e r a R a w M a t e r i a l	1	2. 76 76 6E -3	2.739 77E- 3	2.608 2E-5	1.836E -6	2. 8 7 8 2 E- 5	2.97E- 7	4.59 E-6	5.5674 E-5	1.35 81E- 5	2. 54 93 9E -1 0	2.71 577 E-8	2. 85 35 3E -2	6.28 182E -4
内 置 摄 像 头  A S A 5	1	4. 59 75 1E -4	4.592 13E- 4	2.605 82E- 7	2.7739 4E-7	2. 8 8 3 2 2 E-	4.6154 2E-8	1.04 233E -6	1.1364 7E-5	3.13 539 E-6	9. 43 14 E- 11	2.71 083 E-9	6. 61 25 3E -3	3.89 781E -5

0 0 0 0 2 1 C 1 T r a n s p o r t a t i o n E m i s s i o n s						6								
C a m e r a R a w M a t e r i a l	1	9. 59 32 4E -4	9.564 48E- 4	2.154 E-6	7.22E- 7	4. 7 3 E- 6	2.34E- 7	8.42 E-7	8.48E- 6	3.42 8E-6	8. 36 29 4E -1 1	1.28 295 E-8	1. 95 35 6E -2	5.02 568E -4
C a m e r a R	1	8. 20 04 8E	8.117 84E- 5	7.728 E-7	5.44E- 8	8. 5 2 8	8.8E-9	1.36 E-7	1.6496 E-6	4.02 4E-7	7. 55 37 4E	8.04 672 E-1 0	8. 45 49 E-	1.86 128E -5

a w M a t e r i a l		-5				E- 7					-1 2		4	
C a m e r a R a w M a t e r i a l	1	3. 15 58 2E -5	3.132 15E- 5	1.828 06E- 7	5.3874 2E-8	2. 0 3 2 3 9 E- 7	4.8659 2E-8	4.50 782E -8	4.8372 5E-7	1.21 21E- 7	3E -1 2	1.42 952 E-8	4. 01 60 2E -4	1.26 823E -5
C a m e r a R a w M a t e r i a l	1	3. 15 40 9E -5	3.133 76E- 5	1.548 28E- 7	4.8532 E-8	1. 5 5 2 1 7 E- 6	3.648E -8	7.51 56E- 8	9.4022 4E-7	3.62 432 E-7	1. 82 52 9E -1 2	1.34 4E- 8	4. 29 41 7E -4	1.83 008E -5
C a m e r a R a w M a t e r i a l	1	5. 00 75 E- 4	4.967 03E- 4	3.556 E-6	4.91E- 7	2. 8 6 7 E- 6	1.7E-7	4.98 E-7	5.317 E-6	1.65 1E-6	2. 25 67 9E -1 1	1.4 E-8	5. 48 40 9E -3	1.90 389E -4

ia														
内 置 摄 像 头	1	4. 30 49 E- 4	4.299 87E- 4	2.439 98E- 7	2.5973 9E-7	2. 6 9 9 7 2 E- 6	4.3216 8E-8	9.75 99E- 7	1.0641 4E-5	2.93 584 E-6	8. 83 11 4E -1 1	2.53 83E -9	6. 19 16 7E -3	3.64 973E -5
A S A 8 0 0 1 1 8 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
C o i n l i n e	1	2. 72 89 E-	2.729 88E- 5	-3.21 63E- 8	2.2197 E-8	1. 1 5 0	1.0117 E-8	2.68 78E- 8	2.8252 1E-7	1.26 236 E-7	1. 37 79 6E	4.98 649 E-1 1	3. 00 92 3E	5.51 769E -6

ar Vi br at or R a w M at er ia l		5				6 2 E- 7					-1 2		-4	
C oi n li n e ar Vi br at or R a w M at er ia l	1	3. 30 72 1E -5	3.308 4E-5	-3.89 79E- 8	2.6901 E-8	1. 3 9 4 4 6 E- 7	1.2261 E-8	3.25 74E- 8	3.4239 3E-7	1.52 988 E-7	1. 66 99 8E -1 2	6.04 323 E-1 1	3. 64 69 4E -4	6.68 7E-6
C oi n li n e ar Vi br at or R	1	4. 33 73 3E -4	4.338 89E- 4	-5.11 2E-7	3.528E -7	1. 8 2 8 8 E- 6	1.608E -7	4.27 2E-7	4.4904 E-6	2.00 64E- 6	2. 19 01 4E -1 1	7.92 554 E-1 0	4. 78 28 8E -3	8.76 984E -5

a w M a t e r i a l														
C o i n l i n e a r V i b r a t o r R a w M a t e r i a l	1	2. 35 93 6E -5	2.343 04E- 5	1.232 E-7	4E-8	1. 1 1 6 E- 7	1E-8	2.44 E-8	2.2E-7	6.36 E-8	7. 83 72 E- 13	4.40 514 E-1 1	2. 85 85 E- 4	6.71 96E- 6
C o i n l i n e a r V i b r a t o r R a w M a t e r i a l	1	1. 09 33 5E -4	1.023 77E- 4	6.815 3E-6	1.425E -7	1. 2 9 3 E- 6	2.562E -7	2.94 2E-7	3.9692 E-6	8.68 3E-7	6. 89 32 2E -1 2	2.69 5E- 7	1. 30 97 2E -3	1.00 108E -4

I														
Coinline ar Vibrator Raw Material	1	3.11736E-4	3.10478E-4	1.2408E-6	1.8E-8	1.98104E-6	1.92E-8	2.38E-7	2.2156E-6	1.206E-6	9.25524E-3	2.72287E-1	4.78736E-3	4.85532E-5
Coinline ar Vibrator Raw Material	1	6.84728E-5	6.90602E-5	-6.58107E-7	7.0467E-8	3.89181E-7	1.9671E-8	6.4989E-8	6.88983E-7	3.1374E-7	1.64532E-1	1.22817E-9	1.95298E-3	4.90109E-5
Coin	1	2.56	2.5317E-5	2.192E-7	1.0775E-7	2.08	9.55E-8	7.94E-8	1.0172E-6	3.1755E-5	2.29	5.49E-8	4.05	1.51099E

li n e a r V i b r a t o r R a w M a t e r i a l		43 9E -5				1 1 9 5 E- 6				7	43 6E -1 2		90 1E -4	-4
C o i n l i n e a r V i b r a t o r R a w M a t e r i a l	1	1. 50 13 9E -4	1.500 29E- 4	6.6E- 9	1.02E- 7	6. 2 7 6 E- 7	2.82E- 8	1.24 2E-7	1.311 E-6	5.05 2E-7	6. 60 99 6E -1 2	1.17 237 E-9	4. 39 07 9E -3	9.68 988E -5
C o i n l i n e a r V i b r	1	2. 25 63 1E -4	2.234 23E- 4	2.182 95E- 6	2.4948 E-8	8. 0 5 7 0 7	2.8116 E-9	1.321 11E- 7	1.4254 4E-6	5.82 876 E-7	1. 03 57 4E -1 2	3.98 867 E-1 1	4. 67 77 2E -3	1.27 922E -4

at or R a w M a t e r i a l						E- 7								
C o i n l i n e a r V i b r a t o r R a w M a t e r i a l	1	1. 59 17 5E -4	1.576 18E- 4	1.54 E-6	1.76E- 8	5. 6 8 4 E- 7	1.9834 9E-9	9.32 E-8	1.0056 E-6	4.11 2E-7	7. 30 68 4E -1 3	2.81 388 E-1 1	3. 29 99 8E -3	9.02 448E -5
扁 平 线 性 马 达  A V B 0 8 3 2 F	1	1. 51 97 5E -4	1.518 14E- 4	8.723 E-8	7.381E -8	9. 8 6 3 7 E- 7	1.2898 E-8	3.69 05E- 7	4.026 E-6	1.10 715 E-6	3. 26 27 7E -1 1	6.69 267 E-1 0	2. 22 00 3E -3	1.14 607E -5

0 5 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
W a t e r p r o o f F i n g e r p r i n t M o d u l e R a w M a t	1	1. 00 15 E- 3	9.934 06E- 4	7.112 E-6	9.82E- 7	5. 7 3 4 E- 6	3.4E-7	9.96 E-7	1.0634 E-5	3.30 2E-6	4. 51 35 8E -1 1	2.8 E-8	1. 09 68 2E -2	3.80 778E -4

er ia l														
W a t e r p r o o f F i n g e r p r i n t M o d u l e R a w M a t e r i a l	1	1. 57 79 1E -3	1.566 07E- 3	9.140 29E- 6	2.6937 1E-6	1. 0 1 6 2 E- 5	2.4329 6E-6	2.25 391E -6	2.4186 3E-5	6.06 05E- 6	1. 5E -1 0	7.14 76E -7	2. 00 80 1E -2	6.34 114E -4
防 水 指 纹 识 别 模 组  A Y B 0 0 0	1	1. 25 44 7E -4	1.253 E-4	7.110 22E- 8	7.5689 5E-8	7. 8 6 7 1 2 E- 7	1.2593 6E-8	2.84 409E -7	3.1009 7E-6	8.55 52E- 7	2. 57 34 4E -1 1	7.39 674 E-1 0	1. 80 42 9E -3	1.06 355E -5

0 2 8 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
C a m e r a D E C O 2 R a w M a t e r i a l	1	2. 33 06 2E -2	2.321 73E- 2	3.379 38E- 5	5.5054 6E-5	1. 4 0 2 1 9 E- 4	8.3352 E-6	2.47 64E- 5	2.5763 6E-4	7.88 824 E-5	9. 39 19 6E -1 0	2.83 808 E-7	2. 43 49 3E -1	7.49 945E -3
摄 像 头	1	9. 91	9.898 96E- 2E-8	5.617 2E-8	5.9796 E-8	6. 2	9.9491 7E-9	2.24 688E	2.4498 2E-6	6.75 876	2. 03	5.84 356	1. 42	8.40 224E



a D E C O 1 R a w M a t e r i a l						4								
摄 像 头 装 饰 件 1 组 件  B D A 7 A 4 0 A 1 2 C O T r a n s p o r t a t i	1	9. 51 67 6E -5	9.505 62E- 5	5.394 E-8	5.742E -8	5. 9 6 8 2 E- 7	9.5538 4E-9	2.15 76E- 7	2.3524 8E-6	6.49 02E- 7	1. 95 22 8E -1 1	5.61 136 E-1 0	1. 36 87 8E -3	8.06 838E -6

o n E m i s s i o n s														
C a m e r a L e n s R a w M a t e r i a l	1	3. 09 56 8E -3	3.064 48E- 3	2.917 32E- 5	2.0536 E-6	3. 2 1 9 3 2 E- 5	3.322E -7	5.13 4E-6	6.2272 4E-5	1.51 906 E-5	2. 85 15 4E -1 0	3.03 764 E-8	3. 19 17 3E -2	7.02 633E -4
摄 像 头 镜 片  B E B 7 A 4 0 A 1 0 C 0	1	9. 91 05 5E -5	9.898 96E- 5	5.617 2E-8	5.9796 E-8	6. 2 1 5 1 6 E- 7	9.9491 7E-9	2.24 688E -7	2.4498 2E-6	6.75 876 E-7	2. 03 30 6E -1 1	5.84 356 E-1 0	1. 42 54 2E -3	8.40 224E -6

T r a n s p o r t a t i o n E m i s s i o n s														
V o l u m e K e y R a w M a t e r i a l	1	6. 63 45 5E -4	6.563 82E- 4	6.489 E-6	5.84E- 7	3. 6 9 1 E- 6	1.79E- 7	1.04 5E-6	7.229 E-6	2.68 4E-6	8. 38 63 7E -1 1	1.2 E-8	1. 13 48 8E -2	4.98 676E -4
V o l u m e K e y R a w	1	1. 00 32 5E -3	9.994 22E- 4	1.454 7E-6	2.3699 E-6	6. 0 3 5 9 E- 6	3.588E -7	1.06 6E-6	1.1090 3E-5	3.39 56E- 6	4. 04 29 E- 11	1.22 169 E-8	1. 04 81 5E -2	3.22 824E -4

M a t e r i a l														
音 量 键	1	7. 54 77	7.538 94E- 6	4.278 E-9	4.554E -9	4. 7	7.5771 8E-10	1.711 2E-8	1.8657 6E-7	5.14 74E- 8	1. 54 83	4.45 039 E-1	1. 08 55	6.39 906E -7
B F C 7 A 4 0 A 1 0 C 0 T r a n s p o r t a t i o n E m i s s i o n s		7E -6				3 3 4 E- 8					6E -1 2	1 8E -4		
F u r n i s h e	1	9. 95 18 2E	9.845 73E- 4	9.733 5E-6	8.76E- 7	5. 5 3 6	2.685E -7	1.56 75E- 6	1.0843 5E-5	4.02 6E-6	1. 25 79 6E	1.8 E-8	1. 70 23 2E	7.48 014E -4

d N X T P A P E R K e y R a w M a t e r i a l		-4				5 E- 6					-1 0		-2	
F u r n i s h e d N X T P A P E R K e y R a w M a t e r i a l	1	3. 37 34 3E -3	3.378 44E- 3	-9.51 3E-6	4.5E-6	2. 1 6 3 6 E- 5	1.008E -6	3.61 35E- 6	3.7746 E-5	1.08 375 E-5	9. 96 22 8E -1 1	2.91 52E -9	3. 03 82 E- 2	4.63 684E -4

ial														
侧 拨 键 组 件  B F C 7 A 4 0 A 1 2 C 0 T r a n s p o r t a t i o n E m i s s i o n s	1	9. 84 49 2E -6	9.833 4E-6	5.58 E-9	5.94E- 9	6. 1 7 4 E- 8	9.8832 8E-10	2.23 2E-8	2.4336 E-7	6.71 4E-8	2. 01 96 E- 12	5.80 486 E-1 1 -4	1. 41 59 8E -4	8.34 66E- 7
F r o n t C a m	1	2. 87 21 2E	2.835 5E-4	2.455 04E- 6	1.2068 E-6	2. 2 5 3	1.0696 E-6	8.89 28E- 7	1.1392 6E-5	3.55 656 E-6	2. 56 96 8E	6.14 88E -7	4. 54 60 9E	1.69 23E- 3

er a C o p p e r R a w M a t e r i a l		-4				3 8 E- 5					-1 1		-3	
前 摄 铜 箔  B L A 7 A 4 0 0 0 8 C O T r a n s p o r t a t i o n E m	1	1. 83 77 2E -6	1.835 57E- 6	1.041 6E-9	1.1088 E-9	1. 1 5 2 4 8 E- 8	1.8448 8E-10	4.16 64E- 9	4.5427 2E-8	1.25 328 E-8	3. 76 99 2E -1 3	1.08 357 E-1 1	2. 64 31 6E -5	1.55 803E -7

is si o n s														
5 0 M C o n d u c t i v e A d h e s i v e R a w M a t e r i a l	1	2. 14 90 2E -4	2.136 78E- 4	1.015 5E-6	2.07E- 7	9. 3 1 5 E- 7	5.45E- 8	2.00 5E-7	1.8185 E-6	9.42 E-7	7. 73 37 5E -1 0	1.93 859 E-9	4. 31 88 3E -3	1.15 407E -4
5 0 M 导 电 胶 B L A 7 A 4	1	1. 64 08 2E -6	1.638 9E-6	9.3E- 10	9.9E-1 0	1. 0 2 9 E- 8	1.6472 1E-10	3.72 E-9	4.056 E-8	1.11 9E-8	3. 36 6E -1 3	9.67 476 E-1 2	2. 35 99 6E -5	1.39 11E- 7

0 0 0 9 C O T ra n s p or ta ti o n E m is si o n s														
P er is c o p e C a m er a C o p p er R a w M	1	2. 87 21 2E -4	2.835 5E-4	2.455 04E- 6	1.2068 E-6	2. 2 5 3 3 8 E- 5	1.0696 E-6	8.89 28E- 7	1.1392 6E-5	3.55 656 E-6	2. 56 96 8E -1 1	6.14 88E -7	4. 54 60 9E -3	1.69 23E- 3

at er ia l														
浅 望 铜 箔	1	1. 83 77 2E -6	1.835 57E- 6	1.041 6E-9	1.1088 E-9	1. 1 5 2 4 8 E- 8	1.8448 8E-10	4.16 64E- 9	4.5427 2E-8	1.25 328 E-8	3. 76 99 2E -1 3	1.08 357 E-1 1	2. 64 31 6E -5	1.55 803E -7
B L A 7 A 4 0 0 1 0 C 0 T ra n s p or ta ti o n E m is si o n s														
8 M C o n d	1	2. 14 90 2E	2.136 78E- 4	1.015 5E-6	2.07E- 7	9. 3 1 5	5.45E- 8	2.00 5E-7	1.8185 E-6	9.42 E-7	7. 73 37 5E	1.93 859 E-9	4. 31 88 3E	1.15 407E -4

u c t i v e A d h e s i v e R a w M a t e r i a l		-4				E- 7					-1 0		-3	
8 M 导 电 胶  B L A 7 A 4 0 0 1 1 C O T r a n s p o r t a	1	1. 64 08 2E -6	1.638 9E-6	9.3E- 10	9.9E-1 0	1. 0 2 9 E- 8	1.6472 1E-10	3.72 E-9	4.056 E-8	1.11 9E-8	3. 36 6E -1 3	9.67 476 E-1 2	2. 35 99 6E -5	1.39 11E- 7

ti o n E m i s s i o n s														
F P F P C C o n d u c t i v e A d h e s i v e R a w M a t e r i a l	1	1. 67 62 3E -4	1.666 69E- 4	7.920 9E-7	1.6146 E-7	7. 2 6 5 7 E- 7	4.251E -8	1.56 39E- 7	1.4184 3E-6	7.34 76E- 7	6. 03 23 -9 2E -1 0	1.51 21E -9 86 -5 9E -3	3. 36 86 -5 9E -3	9.00 175E -5
指 纹 F P C 导	1	1. 27 98 4E	1.278 34E- 6	7.254 E-10	7.722E -10	8. 0 2 6	1.2848 3E-10	2.90 16E- 9	3.1636 8E-8	8.72 82E- 9	2. 62 54 8E	7.54 631 E-1 2	1. 84 07 7E	1.08 506E -7

电 胶		-6				2 E- 9					-1 3		-5	
B L A 7 A 4 0 0 1 2 C 0 T r a n s p o r t a t i o n E m i s s i o n s														
F l a s h P C B C o n d u	1	2. 50 23 E- 4	2.500 49E- 4	1.1E- 8	1.7E-7	1. 0 4 6 E- 6	4.7E-8	2.07 E-7	2.185 E-6	8.42 E-7	1. 10 16 6E -1 1	1.95 395 E-9	7. 31 79 9E -3	1.61 498E -4

ct iv e F o a m R a w M a t e r i a l														
闪光灯 PCB 导电海绵 BLA7A40013C0T ranspor	1	3. 28 16 4E -6	3.277 8E-6	1.86 E-9	1.98E- 9	2. 0 5 8 E- 8	3.2944 3E-10	7.44 E-9	8.112 E-8	2.23 8E-8	6. 73 2E -1 3	1.93 495 E-1 1	4. 71 99 3E -5	2.78 22E- 7

ta ti o n E m i s s i o n s														
S h i e l d i n g H e a t S i n k R a w M a t e r i a l	1	5. 50 43 1E -3	5.513 1E-3	-1.22 4E-5	3.48E- 6	2. 1 1 8 E- 5	2.43E- 6	5.07 E-6	5.331 E-5	2.61 9E-5	2. 51 08 E- 10	7.52 367 E-9	5. 35 52 E- 2	1.35 801E -3
屏 蔽 罩 散 热 片  B L J 7 A 4	1	9. 84 49 2E -5	9.833 4E-5	5.58 E-8	5.94E- 8	6. 1 7 4 E- 7	9.8832 8E-9	2.23 2E-7	2.4336 E-6	6.71 4E-7	2. 01 96 E- 11	5.80 486 E-1 0	1. 41 59 8E -3	8.34 66E- 6

0 0 0 3 C 0 T ra n s p or ta ti o n E m is si o n s														
T o p S u p p or t H e at Si n k R a w M at er	1	2. 75 21 6E -3	2.756 55E- 3	-6.12 E-6	1.74E- 6	1. 0 5 9 E- 5	1.215E -6	2.53 5E-6	2.6655 E-5	1.30 95E- 5	1. 25 54 E- 10	3.76 184 E-9	2. 67 76 E- 2	6.79 005E -4

ia														
上 支 架 散 热 片  B L J 7 A 4 0 0 0 4 C O T r a n s p o r t a t i o n E m i s s i o n s	1	4. 92 24 6E -5	4.916 7E-5	2.79 E-8	2.97E- 8	3. 0 8 7 E- 7	4.9416 4E-9	1.116 E-7	1.2168 E-6	3.35 7E-7	1. 00 98 E- 11	2.90 243 E-1 0 E-4	7. 07 99 E- 4	4.17 33E- 6
S c r e w R	1	8. 95 36	8.967 98E- 5	-1.99 104E -7	5.6608 E-8	3. 4 4	3.9528 E-8	8.24 72E- 8	8.6717 6E-7	4.26 024 E-7	4. 08 42	1.22 385 E-1	8. 71 11	2.20 903E -5

a w M a t e r i a l		8E -5				5 2 8 E- 7					3E -1 2	0	3E -4	
螺 钉  B M A 1 4 2 1 2 5 2 C 3 T r a n s p o r t a t i o n E m i s s i o n s	1	2. 40 21 6E -6	2.399 35E- 6	1.361 52E- 9	1.4493 6E-9	1. 5 0 6 4 6 E- 8	2.4115 2E-10	5.44 608E -9	5.9379 8E-8	1.63 822 E-8	4. 92 78 2E -1 3	1.41 638 E-1 1	3. 45 49 9E -5	2.03 657E -7
S c r e w R	18	1. 61 16	1.614 24E- 3	-3.58 387E -6	1.0189 4E-6	6. 2 0	7.1150 4E-7	1.48 45E- 6	1.5609 2E-5	7.66 843 E-6	7. 35 16	2.20 293 E-9	1. 56 8E	3.97 625E -4

a w M a t e r i a l		6E -3				1 5 E- 6					1E -1 1		-2	
螺 钉  B M A 1 4 3 0 2 6 5 C 3 T r a n s p o r t a t i o n E m i s s i o n s	18	4. 32 38 9E -5	4.318 83E- 5	2.450 74E- 8	2.6088 5E-8	2. 7 1 1 6 2 E- 7	4.3407 4E-9	9.80 294E -8	1.0688 4E-6	2.94 879 E-7	8. 87 00 8E -1 2	2.54 949 E-1 0	6. 21 89 8E -4	3.66 583E -6
R F C a b l	4	3. 82 66	3.826 69E- 6	1.550 82E- 7	5.8511 2E-9	1. 3 0	1.0306 6E-8	7.72 992E -9	9.9469 E-8	3.23 69E- 8	1. 92 50	2.84 504 E-9	4. 78 28	3.52 243E -6

e C R a w M a t e r i a l		9E -6				1 2 E- 7					7E -1 3		E- 5	
R F C a b l e C R a w M a t e r i a l	4	1. 64 97 9E -4	1.646 52E- 4	3.176 8E-7	8.55E- 9	5. 7 2 6 6 E- 7	4.18E- 9	9.38 6E-8	1.0239 1E-6	3.64 42E- 7	3. 77 12 3E -1 3	3.28 117 E-1 1	1. 89 38 9E -3	4.30 462E -5
R F C a b l e C R a w M a t e r i a l	4	5. 04 93 E- 5	5.011 44E- 5	2.924 89E- 7	8.6198 7E-8	3. 2 5 1 8 2 E- 7	7.7854 7E-8	7.21 251E -8	7.7396 E-7	1.93 936 E-7	4. 8E -1 2	2.28 723 E-8	6. 42 56 3E -4	2.02 917E -5
同 轴 线 C	4	1. 33 45	1.332 97E- 6	7.564 E-10	8.052E -10	8. 3 6	1.3397 3E-10	3.02 56E- 9	3.2988 8E-8	9.10 12E- 9	2. 73 76	7.86 88E -12	1. 91 94	1.13 143E -7

B M J 7 A 4 0 0 0 0 C O T r a n s p o r t a t i o n E m i s s i o n s		3E -6				9 2 E- 9					8E -1 3		4E -5	
B a t t e r y P a c k a g e F i l m R	1	9. 32 38 5E -4	9.285 22E- 4	3.114 6E-6	7.482E -7	4. 0 6 2 9 E- 6	1.827E -7	7.71 4E-7	7.9228 E-6	2.89 42E- 6	4. 40 07 2E -9	1.06 025 E-8	2. 07 09 3E -2	4.80 608E -4

a w M a t e r i a l														
电 池 包 裹 膜  B N H 7 A 4 0 0 0 1 C 0 T r a n s p o r t a t i o n E m i s s i o n s	1	3. 02 18 6E -6	3.018 9E-6	1.74 E-9	1.2211 2E-9	2. 0 5 3 2 E- 8	2.2773 8E-10	7.83 E-9	8.5956 E-8	2.36 64E- 8	6. 71 94 8E -1 3	1.03 002 E-1 1 -5	4. 48 95 5E -5	2.13 672E -7

8 M R u b b e r R a w M a t e r i a l	1	1. 38 16 8E -3	1.353 59E- 3	2.689 53E- 5	1.1968 6E-6	8. 0 2 3 6 1 E- 6	3.2287 E-7	1.54 38E- 6	1.6458 9E-5	4.97 502 E-6	9. 54 5E -8	9.13 E-9	1. 59 26 7E -2	4.27 419E -4
8 M 摄 像 头 胶 套  B N J 7 A 4 0 0 0 0 C O T r a n s p o r t a t i o	1	2. 72 37 6E -6	2.720 57E- 6	1.543 8E-9	1.6434 E-9	1. 7 0 8 1 4 E- 8	2.7343 7E-10	6.17 52E- 9	6.7329 6E-8	1.85 754 E-8	5. 58 75 6E -1 3	1.60 601 E-1 1	3. 91 75 4E -5	2.30 923E -7

n E m i s s i o n s														
P o w e r K e y R u b b e r R a w M a t e r i a l	1	1. 65 86 4E -3	1.640 96E- 3	1.622 25E- 5	1.46E- 6	9. 2 2 7 5 E- 6	4.475E -7	2.61 25E- 6	1.8072 5E-5	6.71 E-6	2. 09 65 9E -1 0	3E- 8	2. 83 72 E- 2	1.24 669E -3
开 机 键 R U B B E R B N J 7 A 4 0	1	8. 20 41 E- 6	8.194 5E-6	4.65 E-9	4.95E- 9	5. 1 4 5 E- 8	8.2360 6E-10	1.86 E-8	2.028 E-7	5.59 5E-8	1. 68 3E -1 2	4.83 738 E-1 1	1. 17 99 8E -4	6.95 55E- 7

0 0 1 C O T r a n s p o r t a t i o n E m i s s i o n s														
B o t t o m B o x R u b b e r R a w M a t e r i a l	1	2. 74 99 1E -4	2.773 5E-4	-2.64 3E-6	2.83E- 7	1. 5 6 3 E- 6	7.9E-8	2.61 E-7	2.767 E-6	1.26 E-6	6. 60 77 1E -1 1	4.93 239 E-9	7. 84 33 1E -3	1.96 831E -4

下 B O X 胶 套  B N J 7 A 4 0 0 0 2 C O T ra n s p o r t a t i o n E m i s s i o n s	1	3. 28 16 4E -6	3.277 8E-6	1.86 E-9	1.98E- 9	2. 0 5 8 E- 8	3.2944 3E-10	7.44 E-9	8.112 E-8	2.23 8E-8	6. 73 2E -1 3	1.93 495 E-1 1	4. 71 99 3E -5	2.78 22E- 7
C a m e r a L e n	1	5. 55 94 E- 4	5.437 78E- 4	1.195 9E-5	2.03E- 7	2. 6 7 3 E-	7.1E-8	6.78 E-7	5.063 E-6	1.81 1E-6	1. 46 01 8E -1	2.66 507 E-9	9. 61 62 8E -3	5.25 272E -4

s A d h e s i v e R a w M a t e r i a l						6					1			
摄 像 头 镜 片 背 胶  B P A 7 A 4 0 0 0 6 C 0 T r a n s p o r t a t i	1	3. 28 16 4E -6	3.277 8E-6	1.86 E-9	1.98E- 9	2. 0 5 8 E- 8	3.2944 3E-10	7.44 E-9	8.112 E-8	2.23 8E-8	6. 73 2E -1 3	1.93 495 E-1 1	4. 71 99 3E -5	2.78 22E- 7

o n E m i s s i o n s														
C a b l e M y l a r R a w M a t e r i a l	2	4. 49 79 1E -3	4.504 59E- 3	-1.26 84E- 5	6E-6	2. 8 8 4 8 E- 5	1.344E -6	4.81 8E-6	5.0328 E-5	1.44 5E-5	1. 32 83 E- 10	3.88 694 E-9	4. 05 09 3E -2	6.18 246E -4
同 轴 线 麦 拉 B P B 7 A 4 0 0 0 3 C 0 T ra	2	6. 56 32 8E -6	6.555 6E-6	3.72 E-9	3.96E- 9	4. 1 1 6 E- 8	6.5888 5E-10	1.48 8E-8	1.6224 E-7	4.47 6E-8	1. 34 64 E- 12	3.86 99E -11	9. 43 98 6E -5	5.56 44E- 7

n s p o r t a t i o n E m i s s i o n s														
Si d e C a b l e M y l a r R a w M a t e r i a l	1	1. 99 72 5E -4	1.991 62E- 4	4.09 E-7	1.55E- 7	8. 9 5 E- 7	9.3E-8	2.14 E-7	2.034 E-6	8.85 E-7	9. 66 01 2E -1 2	2.54 268 E-9	2. 07 36 9E -3	7.21 21E- 5
侧 边 同 轴 线 麦 拉 B P B	1	3. 28 16 4E -6	3.277 8E-6	1.86 E-9	1.98E- 9	2. 0 5 8 E- 8	3.2944 3E-10	7.44 E-9	8.112 E-8	2.23 8E-8	6. 73 2E -1 3	1.93 495 E-1 1	4. 71 99 3E -5	2.78 22E- 7

7 A 4 0 0 0 4 C 0 T ra n s p or ta ti o n E m is si o n s														
Si d e k e y S u p p or t R a w M at er	1	1. 73 66 2E -3	1.733 18E- 3	3.344 E-6	9E-8	6. 0 2 8 E- 6	4.4E-8	9.88 E-7	1.0778 E-5	3.83 6E-6	3. 96 97 2E -1 2	3.45 386 E-1 0	1. 99 35 7E -2	4.53 118E -4

ia l														
Si d e k e y S u p p o r t R a w M a t e r i a l	1	1. 53 75 9E -4	1.522 1E-4	1.449 E-6	1.02E- 7	1. 5 9 9 E- 6	1.65E- 8	2.55 E-7	3.093 E-6	7.54 5E-7	1. 41 63 3E -1 1	1.50 876 E-9	1. 58 52 9E -3	3.48 99E- 5
側 按 鍵 支 架  B Q A 7 A 4 0 A 1 1 C O T r a n	1	1. 14 85 7E -5	1.147 23E- 5	6.51 E-9	6.93E- 9	7. 2 0 3 E- 8	1.1530 5E-9	2.60 4E-8	2.8392 E-7	7.83 3E-8	2. 35 62 E- 12	6.77 233 E-1 1	1. 65 19 8E -4	9.73 77E- 7

s p o r t a t i o n E m i s s i o n s														
F u r n i s h e d A n t e n n a S u p p o r t R a w M a t e r i a l	1	4. 34 15 4E -3	4.332 96E- 3	8.36 E-6	2.25E- 7	1. 5 0 7 E- 5	1.1E-7	2.47 E-6	2.6945 E-5	9.59 E-6	9. 92 43 E- 12	8.63 465 E-1 0	4. 98 39 1E -2	1.13 28E- 3
天 线 支	1	2. 46	2.458 35E-	1.395 E-8	1.485E -8	1. 5	2.4708 2E-9	5.58 E-8	6.084 E-7	1.67 85E-	5. 04	1.45 121	3. 53	2.08 665E

架 组 件  B Q A 7 A 4 0 A 1 2 C 0 T r a n s p o r t a t i o n E m i s s i o n s		12 3E -5	5			4 3 5 E- 7				7	9E -1 2	E-1 0	99 5E -4	-6
侧 拨 键 触 点 支 架  B Q A	1	4. 92 24 6E -5	4.916 7E-5	2.79 E-8	2.97E- 8	3. 0 8 7 E- 7	4.9416 4E-9	1.116 E-7	1.2168 E-6	3.35 7E-7	1. 00 98 E- 11	2.90 243 E-1 0	7. 07 99 E- 4	4.17 33E- 6

7 A 4 0 B 1 1 C 0 T r a n s p o r t a t i o n E m i s s i o n s														
F u r n i s h e d N X T P A P E R K e y	1	3. 53 90 4E -4	3.514 56E- 4	1.848 E-6	6E-7	1. 6 7 4 E- 6	1.5E-7	3.66 E-7	3.3E-6	9.54 E-7	1. 17 55 8E -1 1	6.60 77E -10	4. 28 77 5E -3	1.00 794E -4

S u p p o r t R a w M a t e r i a l														
侧 拨 键 支 架 组 件  B Q A 7 A 4 0 B 1 3 C 0 T r a n s p o r t a t i o n	1	1. 96 89 8E -5	1.966 68E- 5	1.116 E-8	1.188E -8	1. 2 3 4 8 E- 7	1.9766 6E-9	4.46 4E-8	4.8672 E-7	1.34 28E- 7	4. 03 92 E- 12	1.16 097 E-1 0	2. 83 19 6E -4	1.66 932E -6

E m i s s i o n s														
P e r i s c o p e C a m e r a F o a m R a w M a t e r i a l	1	3. 27 85 1E -4	3.244 77E- 4	3.335 4E-6	3.74E- 8	1. 1 4 4 1 E- 6	1.02E- 8	1.83 6E-7	1.9669 E-6	1.00 555 E-6	4. 88 49 3E -1 2	5.65 703 E-1 1	7. 14 25 3E -3	2.37 207E -4
浅 望 泡 棉  B R A 7 A 4 0 0	1	2. 78 93 9E -6	2.786 13E- 6	1.581 E-9	1.683E -9	1. 7 4 9 3 E- 8	2.8002 6E-10	6.32 4E-9	6.8952 E-8	1.90 23E- 8	5. 72 22 E- 13	1.64 471 E-1 1	4. 01 19 4E -5	2.36 487E -7

0 2 C O T r a n s p o r t a t i o n E m i s s i o n s														
B a t t e r y B o t t o m R a w M a t e r i a l	1	3. 85 70 7E -4	3.817 38E- 4	3.924 E-6	4.4E-8	1. 3 4 6 E- 6	1.2E-8	2.16 E-7	2.314 E-6	1.18 3E-6	5. 74 69 8E -1 2	6.65 533 E-1 1	8. 40 29 8E -3	2.79 067E -4
电 池 底 部 泡	1	2. 78 93	2.786 13E- 6	1.581 E-9	1.683E -9	1. 7 4	2.8002 6E-10	6.32 4E-9	6.8952 E-8	1.90 23E- 8	5. 72 22	1.64 471 E-1	4. 01 19	2.36 487E -7



o f F o a m R a w M a t e r i a l														
侧 键 F P C 防 水 泡 棉  B R A 7 A 4 0 0 0 8 C O T r a n s p o r t a t i	3	8. 76 19 8E -6	8.751 73E- 6	4.966 2E-9	5.2866 E-9	5. 4 9 4 8 6 E- 8	8.7961 2E-10	1.98 648E -8	2.1659 E-7	5.97 546 E-8	1. 79 74 4E -1 2	5.16 632 E-1 1	1. 26 02 2E -4	7.42 847E -7

o n E m i s s i o n s														
8 M 保 护 泡 棉  B R A 7 A 4 0 0 0 9 C O T r a n s p o r t a t i o n E m i s s i o n	2	2. 08 40 4E -6	2.082 E-6	1.2E- 9	8.4215 4E-10	1. 4 1 6 E- 8	1.5706 1E-10	5.4E- 9	5.928 E-8	1.63 2E-8	4. 63 41 2E -1 3	7.10 357 E-1 2	3. 09 62 4E -5	1.47 36E- 7

s														
LI - Polymer Battery Raw Material	1	9.80209E-4	1.00001E-3	-2.15241E-5	1.72821E-6	1.1469E-5	9.64248E-7	1.30678E-6	1.50826E-5	4.24197E-6	5.42532E-1	1.94263E-7	1.21847E-2	4.82013E-4
LI - Polymer Battery Raw Material	1	2.15409E-2	2.12662E-2	1.84128E-4	9.051E-5	1.69004E-3	8.022E-5	6.6696E-5	8.54448E-4	2.66742E-4	1.92726E-9	4.6116E-5	3.957E-1	1.26923E-1
LI - Polymer Battery Raw Material	1	4.01	3.99769E-1	5.8188E-5	9.4796E-5	2.44	1.4352E-5	4.264E-5	4.43612E-4	1.35824	1.61	4.88676	4.19	1.2913E-

ol y m e r B a t t e r y R a w M a t e r i a l		29 9E -2	2			1 4 3 6 E- 4				E-4	71 6E -9	E-7	25 9E -1	2
LI - p o l y m e r B a t t e r y R a w M a t e r i a l	1	2. 40 22 7E -5	2.393 16E- 5	7.86 E-8	2.15E- 8	9. 7 E- 8	4.1E-9	1.87 E-8	1.983 E-7	8.31 E-8	5. 87 80 5E -1 3	1.43 501 E-1 0	7. 39 68 8E -4	1.02 521E -5
LI - p o l y m e r B a t t e r y R a w M a t e r i a l	1	1. 09 33 5E -3	1.023 77E- 3	6.815 3E-5	1.425E -6	1. 2 9 3 E- 5	2.562E -6	2.94 2E-6	3.9692 E-5	8.68 3E-6	6. 89 32 2E -1 1	2.69 5E- 6	1. 30 97 2E -2	1.00 108E -3

te ry R a w M a t e r i a l														
LI - P o l y m e r B a t t e r y R a w M a t e r i a l	1	5. 34 36 5E -2	5.303 E-2	3.162 3E-4	9.0262 2E-5	3. 3 0 4 3 6 E- 4	6.8395 8E-5	7.01 923E -5	7.3640 9E-4	1.90 452 E-4	5. 16 E- 9	1.81 086 E-5	6. 78 06 7E -1	2.15 585E -2
LI - P o l y m e r B a t t e r y R a w M a t e r i a l	1	1. 04 57 5E -5	1.038 14E- 5	7.433 3E-8	1.776E -9	6. 9 5 9 7 E- 8	1.6820 5E-10	1.58 73E- 8	1.6653 7E-7	5.35 39E- 8	5. 80 64 1E -1 2	3.01 127 E-1 2	3. 05 74 4E -4	9.99 388E -6

at er ia l														
LI - P ol y m er B at te ry R a w M at er ia l	1	1. 10 45 4E -2	1.096 25E- 2	6.398 2E-5	1.8856 E-5	7. 1 1 3 3 6 E- 5	1.7030 7E-5	1.57 774E -5	1.6930 4E-4	4.24 235 E-5	1. 05 E- 9	5.00 332 E-6	1. 40 56 1E -1	4.43 88E- 3
LI - P ol y m er B at te ry R a w M at er ia l	1	9. 60 90 8E -4	9.572 64E- 4	3.144 E-6	8.6E-7	3. 8 8 E- 6	1.64E- 7	7.48 E-7	7.932 E-6	3.32 4E-6	2. 35 12 2E -1 1	5.74 004 E-9	2. 95 87 5E -2	4.10 084E -4

Li - polymer Battery Raw Material	1	2.40227E-4	2.39316E-4	7.86E-7	2.15E-7	9.7E-7	4.1E-8	1.87E-7	1.983E-6	8.31E-7	5.87E-5	1.43E-9	7.39E-68	1.02521E-4
Li - polymer Battery Raw Material	1	8.69896E0	8.63279E0	5.14793E-2	1.46938E-2	5.7919E-2	1.11342E-2	1.14267E-2	1.19881E-1	3.10038E-2	8.4E-7	2.94E-3	1.1038E-2	3.50952E0
Li - polymer	1	1.33158E	1.32807E-3	-8.16E-8	3.5972E-6	1.025	3.4102E-6	3.4238E-6	3.38266E-5	9.2344E-6	1.764E-1	3.63E-7	1.60511E	2.72473E-3

er B at te ry R a w M at er ia l		-3				1 E- 5					0		-2	
LI - P ol y m er B at te ry R a w M at er ia l	1	9. 26 07 4E -4	9.225 43E- 4	1.342 8E-6	2.1876 E-6	5. 5 7 1 6 E- 6	3.312E -7	9.84 E-7	1.0237 2E-5	3.13 44E- 6	3. 73 19 E- 11	1.12 771 E-8	9. 67 52 2E -3	2.97 991E -4
LI - P ol y m er B at te ry R	1	7. 59 17 1E -3	7.533 96E- 3	4.492 67E- 5	1.2823 5E-5	4. 6 9 4 5 E- 5	9.7169 8E-6	9.97 221E -6	1.0462 2E-4	2.70 574 E-5	7. 33 08 E- 10	2.57 268 E-6	9. 63 32 8E -2	3.06 281E -3

a w M a t e r i a l														
LI - P o l y m e r B a t t e r y R a w M a t e r i a l	1	2. 21 77 3E -7	2.198 02E- 7	1.399 2E-9	5.724E -10	1. 7 4 9 E- 9	5.8369 5E-11	4.77 E-10	5.2152 E-9	1.39 92E- 9	2. 61 70 6E -1 4	9.63 772 E-1 3	2. 91 00 8E -6	4.20 714E -8
LI - P o l y m e r B a t t e r y R a w M a t e r i a l	1	2. 50 61 8E -3	2.497 14E- 3	7.886 97E- 6	1.1583 E-6	1. 0 0 2 4 6 E- 5	4.1067 E-7	1.88 487E -6	2.0007 E-5	8.17 128 E-6	4. 71 39 2E -1 1	1.47 647 E-8	7. 93 81 9E -2	9.37 918E -4

I														
可 充 式 锂 离 子 电 池 组  C A C 5 0 0 0 0 2 8 C 7 T r a n s p o r t a t i o n E m i s s i o n s	1	2. 06 07 7E -3	2.058 36E- 3	1.168 02E- 6	1.2433 8E-6	1. 2 3 6 E- 5	2.0688 E-7	4.67 21E- 6	5.0940 9E-5	1.40 54E- 5	4. 22 74 9E -1 0	1.21 509 E-8	2. 96 39 7E -2	1.74 714E -4

P C B A L A B L E R a w M a t e r i a l	1	8. 72 43 E- 5	2.060 57E- 4	-1.19 198E -4	3.84E- 7	1. 1 8 E- 6	7.2E-8	2.68 E-7	2.733 E-6	7.35 E-7	1. 32 67 1E -1 1	8.40 297 E-1 0 -3	2. 77 49 6E -3	1.61 039E -4
主 板 标 签 , P C B A L A B L E , R A V 4 C P G 0 0 0 0 0	1	7. 82 49 6E -7	7.807 96E- 7	1.18 E-9	5.2E-1 0	4. 3 3 6 E- 9	1.16E- 10	1.3E- 9	1.4304 E-8	4.63 2E-9	1. 52 42 4E -1 3	1.13 588 E-1 1 -5	1. 11 70 8E -5	8.74 16E- 8

4 8 C O T r a n s p o r t a t i o n E m i s s i o n s														
S c r e w R a w M a t e r i a l	1	8. 95 36 8E -5	8.967 98E- 5	-1.99 104E -7	5.6608 E-8	3. 4 4 5 2 8 E- 7	3.9528 E-8	8.24 72E- 8	8.6717 6E-7	4.26 024 E-7	4. 08 42 3E -1 2	1.22 385 E-1 0	8. 71 11 3E -4	2.20 903E -5
螺 钉  B M A 1 6 3 5 2	1	2. 40 21 6E -6	2.399 35E- 6	1.361 52E- 9	1.4493 6E-9	1. 5 0 6 4 6 E-	2.4115 2E-10	5.44 608E -9	5.9379 8E-8	1.63 822 E-8	4. 92 78 2E -1 3	1.41 638 E-1 1	3. 45 49 9E -5	2.03 657E -7

5 1 C 3 T ra n s p or ta ti o n E m is si o n s						8								
m ai n s u b F ur ni s h e d F P C R a w M at er ia	1	2. 07 62 4E -4	2.061 88E- 4	1.084 16E- 6	3.52E- 7	9. 8 2 0 8 E- 7	8.8E-8	2.14 72E- 7	1.936 E-6	5.59 68E- 7	6. 89 67 4E -1 2	3.87 652 E-1 0	2. 51 54 8E -3	5.91 325E -5



T y p e C - F u r n i s h e d F P C R a w M a t e r i a l	1	3. 83 98 6E -5	3.813 3E-5	2.005 08E- 7	6.51E- 8	1. 8 1 6 2 9 E- 7	1.6275 E-8	3.971 1E-8	3.5805 E-7	1.03 509 E-7	1. 27 55 E- 12	7.16 936 E-1 1 -4	4. 65 22 1E -4	1.09 361E -5
T Y P E C - 柔 性 线 路 板 组 件  S B F 7 A 4	1	3. 30 62 5E -6	3.302 38E- 6	1.873 95E- 9	1.9948 5E-9	2. 0 7 3 4 4 E- 8	3.3191 3E-10	7.49 58E- 9	8.1728 4E-8	2.25 478 E-8	6. 78 24 9E -1 3	1.94 946 E-1 1 -5	4. 75 53 3E -5	2.80 307E -7

0 0 0 0 1 B T ra n s p o r ta t i o n E m i s s i o n s														
M a i n S l i d e K e y F u r n i s h e d F P C R a	1	1. 08 53 1E -4	1.077 8E-4	5.667 2E-7	1.84E- 7	5. 1 3 3 6 E- 7	4.6E-8	1.12 24E- 7	1.012 E-6	2.92 56E- 7	3. 60 51 1E -1 2	2.02 636 E-1 0	1. 31 49 1E -3	3.09 102E -5



s														
F u r n i s h e d B a t t e r y C o v e r R a w M a t e r i a l	1	7. 21 56 5E -2	7.201 38E- 2 4 5E -2	1.389 43E- 4	3.7395 E-6	2. 5 0 4 6 3 E- 4	1.8282 E-6	4.10 514E -5	4.4782 6E-4	1.59 386 E-4	1. 64 94 2E -1 0	1.43 508 E-8	8. 28 32 6E -1	1.88 271E -2
F u r n i s h e d B a t t e r y C o v e r R a w	1	7. 20 69 6E -2	7.192 71E- 2 4 6E -2	1.387 76E- 4	3.735E -6	2. 5 0 1 6 2 E- 4	1.826E -6	4.10 02E- 5	4.4728 7E-4	1.59 194 E-4	1. 64 74 3E -1 0	1.43 335 E-8	8. 27 33 E- 1	1.88 044E -2

M a t e r i a l														
电 池 盖 组 件	1	3. 18 15 5E -4	3.177 83E- 4	1.803 27E- 7	1.9196 1E-7	1. 9 9 5 2 3 E- 6	3.1939 5E-8	7.21 308E -7	7.8645 8E-6	2.16 974 E-6	6. 52 66 7E -1 1	1.87 594 E-9	4. 57 59 7E -3	2.69 734E -5
B C J 7 A 4 0 A 1 1 C O T r a n s p o r t a t i o n E m i s s i o n s														
F u r n i s	1	1. 08 53	1.083 24E- 1	2.09 E-4	5.625E -6	3. 7 6	2.75E- 6	6.17 5E-5	6.7362 5E-4	2.39 75E- 4	2. 48 10	2.15 866 E-8	1. 24 59	2.83 199E -2

h e d M i d d l e C a s i n g R a w M a t e r i a l		9E -1				7 5 E- 4					8E -1 0		8E 0	
F u r n i s h e d M i d d l e C a s i n g R a w M a t e r i a l	1	1. 64 01 E- 3	1.623 57E- 3	1.545 6E-5	1.088E -6	1. 7 0 5 6 E- 5	1.76E- 7	2.72 E-6	3.2992 E-5	8.04 8E-6	1. 51 07 5E -1 0	1.60 934 E-8	1. 69 09 8E -2	3.72 256E -4

F u r n i s h e d M i d d l e C a s i n g R a w M a t e r i a l	1	4. 27 30 1E -2	4.279 36E- 2	-1.20 498E -4	5.7E-5	2. 7 4 0 5 6 E- 4	1.2768 E-5	4.57 71E- 5	4.7811 6E-4	1.37 275 E-4	1. 26 18 9E -9	3.69 259 E-8	3. 84 83 8E -1	5.87 334E -3
中 框 组 件  B C L 7 A 4 0 A 1 0 C 0 T r a n	1	5. 25 06 2E -4	5.244 48E- 4	2.976 E-7	3.168E -7	3. 2 9 2 8 E- 6	5.2710 8E-8	1.19 04E- 6	1.2979 2E-5	3.58 08E- 6	1. 07 71 2E -1 0	3.09 592 E-9	7. 55 18 9E -3	4.45 152E -5

s p o r t a t i o n E m i s s i o n s														
F r o n t C a m e r a S u p p o r t R a w M a t e r i a l	1	1. 17 47 1E -2	1.170 26E- 2	3.843 54E- 5	1.0513 5E-5	4. 7 4 3 3 E- 5	2.0049 E-6	9.14 43E- 6	9.6968 7E-5	4.06 359 E-5	2. 87 43 7E -1 0	7.01 72E -8	3. 61 70 7E -1	5.01 328E -3
前 摄 支 架  B Q A	1	1. 60 47 2E -4	1.602 84E- 4	9.095 4E-8	9.6822 E-8	1. 0 0 6 3	1.6109 7E-8	3.63 816E -7	3.9667 7E-6	1.09 438 E-6	3. 29 19 5E -1	9.46 192 E-1 0	2. 30 80 5E -3	1.36 05E- 5

7 A 4 0 B 1 2 C 0 T ra n s p or ta ti o n E m is si o n s						6 E- 6					1			
F ro nt C a m er a S u p p or t S e al F	1	4. 82 26 8E -4	4.802 7E-4	1.611 E-6	3.87E- 7	2. 1 0 1 5 E- 6	9.45E- 8	3.99 E-7	4.098 E-6	1.49 7E-6	2. 27 62 4E -9	5.48 408 E-9	1. 07 11 7E -2	2.48 59E- 4

o a m R a w M a t e r i a l														
前 摄 支 架 密 封 泡 棉  B R A 7 A 4 0 0 0 C O T r a n s p o r t a t i o n E m	1	4. 92 24 6E -6	4.916 7E-6	2.79 E-9	2.97E- 9	3. 0 8 7 E- 8	4.9416 4E-10	1.116 E-8	1.2168 E-7	3.35 7E-8	1. 00 98 E- 12	2.90 243 E-1 1	7. 07 99 E- 5	4.17 33E- 7

is si o n s														
P C B A L A B L E R a w M a t e r i a l	1	8. 72 43 E- 5	2.060 57E- 4	-1.19 198E -4	3.84E- 7	1. 1 8 E- 6	7.2E-8	2.68 E-7	2.733 E-6	7.35 E-7	1. 32 67 1E -1 1	8.40 297 E-1 0	2. 77 49 6E -3	1.61 039E -4
主 板 标 签 , P C B A L A B L E , R A V 4 C P G	1	7. 82 49 6E -7	7.807 96E- 7	1.18 E-9	5.2E-1 0	4. 3 3 6 E- 9	1.16E- 10	1.3E- 9	1.4304 E-8	4.63 2E-9	1. 52 42 4E -1 3	1.13 588 E-1 1	1. 11 70 8E -5	8.74 16E- 8



M a t e r i a l														
前 摄 密 封 泡 棉  B R A 7 A 4 0 0 0 7 C O T r a n s p o r t a t i o n E m i s s i o n s	1	3. 28 16 4E -6	3.277 8E-6	1.86 E-9	1.98E- 9	2. 0 5 8 E- 8	3.2944 3E-10	7.44 E-9	8.112 E-8	2.23 8E-8	6. 73 2E -1 3	1.93 495 E-1 1	4. 71 99 3E -5	2.78 22E- 7
电 阻	12 9	2. 11	2.114 18E-	1.199 7E-1	1.2771 E-10	1. 3	2.1249 E-11	4.79 88E-	5.2322 4E-9	1.44 351	4. 34	1.24 804	3. 04	1.79 452E

A A A 0 0 0 0 0 J A 0 C 1 T ra n s p or ta ti o n E m is si o n s		66 6E -7	7	0		2 7 4 1 E- 9		10		E-9	21 4E -1 4	E-1 2	43 5E -6	-8
电 阻  A A A 0 2 0 1 J A 0 C 2	3	4. 72 55 6E -7	4.720 03E- 7	2.678 4E-1 0	2.8512 E-10	2. 9 6 3 5 2 E- 9	4.7439 7E-11	1.07 136E -9	1.1681 3E-8	3.22 272 E-9	9. 69 40 8E -1 4	2.78 633 E-1 2	6. 79 67 E- 6	4.00 637E -8

T r a n s p o r t a t i o n E m i s s i o n s														
电 阻  A A A 0 2 2 0 F A 0 C 1 T r a n s p o r t a t i o n E m	1	4. 47 52 1E -6	4.470 74E- 6	2.63 E-9	1.8556 2E-9	1. 3 1 5 E- 8	3.3839 9E-10	2.63 E-9	2.9193 E-8	1.10 46E- 8	9. 65 10 7E -1 3	1.55 279 E-1 1 3E	6. 60 65 3E -5	3.28 75E- 7

is si o n s														
电 阻  A A A 0 3 0 3 F A 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	7. 87 59 4E -9	7.866 72E- 9	4.464 E-12	4.752E -12	4. 9 3 9 2 E- 1 1	7.9066 2E-13	1.78 56E- 11	1.9468 8E-10	5.37 12E- 11	1. 61 56 8E -1 5	4.64 388 E-1 4 -7	1. 13 27 8E -7	6.67 728E -10
电 阻  A A A 0	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

3 0 3 F A 0 C 2 T r a n s p o r t a t i o n E m i s s i o n s														
电 阻  A A 0 3 0 3 F A 0 C 3 T r a n s	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

p o r t a t i o n E m i s s i o n s														
普 通 电 阻  A A A 0 3 0 3 F A 8 C C T r a n s p o r t a t i o n E m i s s i	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

o n s														
普通电容 A B A 0 1 0 A J A C D D T ra n s p o r t a t i o n E m i s s i o n s	7	7. 94 23 3E -5	7.925 08E- 5	1.197 7E-7	5.278E -8	4. 4 0 1 0 4 E- 7	1.1774 E-8	1.31 95E- 7	1.4518 6E-6	4.70 148 E-7	1. 54 71 1E -1 1	1.15 291 E-9	1. 13 38 3E -3	8.87 272E -6
普通电容 A B	1	1. 13 46 2E	1.132 15E- 5	1.711 E-8	7.54E- 9	6. 2 8 7	1.682E -9	1.88 5E-8	2.0740 8E-7	6.71 64E- 8	2. 21 01 5E	1.64 702 E-1 0	1. 61 97 6E	1.26 753E -6

A 0 2 0 B J A C D D T r a n s p o r t a t i o n E m i s s i o n s		-5				2 E- 8					-1 2		-4	
普 通 电 容  A B A 1 0 2 J J A 0 C 2	4	4. 33 17 6E -8	4.326 7E-8	2.455 2E-1 1	2.6136 E-11	2. 7 1 6 5 6 E- 1 0	4.3486 4E-12	9.82 08E- 11	1.0707 8E-9	2.95 416 E-10	8. 88 62 4E -1 5	2.55 414 E-1 3	6. 23 03 1E -7	3.67 25E- 9

T r a n s p o r t a t i o n E m i s s i o n s														
普通 电 容  A B A 1 0 2 J J A W C 9 T r a n s p o r t a t i o n	4	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

E m i s s i o n s														
普 通 电 容	4	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0
A B A 1 0 2 J J A W C D T r a n s p o r t a t i o n E m i s s i o n s														
( 不 再	1	1. 05	1.054 07E-	1.593 E-8	7.02E- 9	5. 8	1.566E -9	1.75 5E-8	1.9310 4E-7	6.25 32E-	2. 05	1.53 343	1. 50	1.18 012E

采购) 电容 A B A 1 0 3 K D A 0 C 2 T r a n s p o r t a t i o n E m i s s i o n s		63 7E -5	5			5 3 6 E- 8				8	77 3E -1 2	E-1 0	80 5E -4	-6
普通 电容 A B A 1	89	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

0 4 K C A X C 4 T r a n s p o r t a t i o n E m i s s i o n s														
电 容  A B A 1 0 4 M C A 0 C 2 T r a n s	89	1. 31 43 E- 6	1.312 76E- 6	7.449 3E-1 0	7.9299 E-10	8. 2 4 2 2 9 E- 9	1.3194 2E-10	2.97 972E -9	3.2488 6E-8	8.96 319 E-9	2. 69 61 7E -1 3	7.74 948 E-1 2	1. 89 03 3E -5	1.11 427E -7

p o r t a t i o n E m i s s i o n s														
电 容  A B A 1 0 4 M C A 0 C 7 T r a n s p o r t a t i o n E m i s s i o n	89	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

s														
电 容  A B A 1 0 4 M C A 0 C 9 T ra n s p or ta ti o n E m is si o n s	89	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0
普 通 电 容  A B A 1	89	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

0 4 M C A X C 9 T r a n s p o r t a t i o n E m i s s i o n s														
普通电容 A B A 1 0 4 M C A X C D T r a	89	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

n s p o r t a t i o n E m i s s i o n s														
普通电容 A B A 1 0 4 M E A X C 2 T r a n s p o r t a t i o n E m	2	2. 11 27 4E -5	2.108 15E- 5	3.186 E-8	1.404E -8	1. 1 7 0 7 2 E- 7	3.132E -9	3.51 E-8	3.8620 8E-7	1.25 064 E-7	4. 11 54 6E -1 2	3.06 687 E-1 0	3. 01 61 1E -4	2.36 023E -6

is si o n s														
普通 电 容  A B A 1 0 5 K G B X C 6 T ra n s p or ta ti o n E m is si o n s	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0
普通 电 容	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

A B A 1 0 5 K G B X C 9 T r a n s p o r t a t i o n E m i s s i o n s														
普通电容 A B A 1 0 5 K G B X	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

C D T r a n s p o r t a t i o n E m i s s i o n s														
普通电容 A B A 1 0 5 K G B X D 2 T r a n s p o r t a t i	1	1. 47 67 4E -8	1.475 01E- 8	8.37 E-12	8.91E- 12	9. 2 6 1 E- 1 1	1.4824 9E-12	3.34 8E-1 1	3.6504 E-10	1.00 71E- 10	3. 02 94 E- 15	8.70 728 E-1 4	2. 12 39 7E -7	1.25 199E -9

o n E m i s s i o n s														
普通电容 A B A 1 0 5 K G B X F 9 T r a n s p o r t a t i o n E m i s s i o n s	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

电 容  A B A 1 0 5 M C A 0 C 0 T r a n s p o r t a t i o n E m i s s i o n s	16 7	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0
普 通 电 容  A B A 1 0 5 M	16 7	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

C A O C 2 T r a n s p o r t a t i o n E m i s s i o n s														
电 容  A B A 1 0 5 M C A 0 C 4 T r a n s p o r t a	16 7	2. 71 27 7E -7	2.709 59E- 7 10	1.537 57E- 10	1.6367 7E-10	1. 7 0 1 2 5 E- 9	2.7233 4E-11	6.15 028E -10	6.7057 8E-9	1.85 004 E-9	5. 56 50 1E -1 4	1.59 953 E-1 2	3. 90 17 3E -6	2.29 991E -8

ti o n E m i s s i o n s														
电 容  A B A 1 0 5 M C A 0 C 9 T r a n s p o r t a t i o n E m i s s i o n s	16 7	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0



5 M C A X C A T r a n s p o r t a t i o n E m i s s i o n s														
普通电容 A B A 1 0 5 M C A X C D T r a n	16 7	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

s p o r t a t i o n E m i s s i o n s														
普通电容 A B A 1 8 F B J A C E D T r a n s p o r t a t i o n E m i s	2	2. 27 03 7E -4	2.265 44E- 4	3.423 71E- 7	1.5087 5E-7	1. 2 5 8 0 7 E- 6	3.3656 8E-8	3.77 188E -7	4.1502 3E-6	1.34 395 E-6	4. 42 25 2E -1 1	3.29 569 E-9	3. 24 11 4E -3	2.53 633E -5

si o n s														
普通电容 A B A 2 2 5 M C A X C 6 T ra n s p o r t a t i o n E m i s s i o n s	20	8. 98 28 E- 6	8.973 2E-6	5.2E- 9	4.4E-9	2. 6 4 E- 8	7.6014 8E-10	5.2E- 9	5.68E- 8	2.12 E-8	1. 86 99 8E -1 2	3.98 42E -11	1. 30 30 2E -4	6.96 4E-7
普通电容 A	55	8. 93 42 6E	8.923 81E- 8	5.063 85E- 11	5.3905 5E-11	5. 6 0 2	8.9690 7E-12	2.02 554E -10	2.2084 9E-9	6.09 296 E-10	1. 83 27 9E	5.26 791 E-1 3	1. 28 5E -6	7.57 454E -9

B A 3 3 0 K J A C C 2 T r a n s p o r t a t i o n E m i s s i o n s		-8				9 1 E- 1 0					-1 4			
普通电容 A B A 3 3 0 K J A C C	55	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

7 T r a n s p o r t a t i o n E m i s s i o n s														
普通电容 A B A 3 3 0 K J A C C D T r a n s p o r t a t i o	55	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

n E m i s s i o n s														
普 通 电 容  A B A 8 2 F B J A C D D T r a n s p o r t a t i o n E m i s s i o n s	1	1. 13 49 E- 4	1.132 44E- 4	1.711 43E- 7	7.5418 8E-8	6. 2 8 8 7 7 E- 7	1.6824 2E-8	1.88 547E -7	2.0746 E-6	6.71 808 E-7	2. 21 07 1E -1 1	1.64 743 E-9	1. 62 01 7E -3	1.26 785E -5

电 感 A C A 1 2 T H A A 7 C 4 T r a n s p o r t a t i o n E m i s s i o n s	1	1. 95 62 4E -5	1.951 99E- 5	2.95 E-8	1.3E-8	1. 0 8 4 E- 7	2.9E-9	3.25 E-8	3.576 E-7	1.15 8E-7	3. 81 06 1E -1 2	2.83 969 E-1 0	2. 79 26 9E -4	2.18 54E- 6
电 感 A C A 1 5 T H A A	9	1. 76 06 2E -4	1.756 79E- 4	2.655 E-7	1.17E- 7	9. 7 5 6 E- 7	2.61E- 8	2.92 5E-7	3.2184 E-6	1.04 22E- 6	3. 42 95 5E -1 1	2.55 572 E-9	2. 51 34 2E -3	1.96 686E -5

1 C 4 T r a n s p o r t a t i o n E m i s s i o n s														
电 感 A C A 1 8 T H A A 8 C 4 T r a n s p o r t a t i o	10	1. 95 62 4E -4	1.951 99E- 4	2.95 E-7	1.3E-7	1. 0 8 4 E- 6	2.9E-8	3.25 E-7	3.576 E-6	1.15 8E-6	3. 81 06 1E -1 1	2.83 969 E-9	2. 79 26 9E -3	2.18 54E- 5

n E m i s s i o n s														
电 感  A C A 2 2 T J A A 5 C 4 T r a n s p o r t a t i o n E m i s s i o n s	5	8. 50 8E -6	8.499 5E-6	5E-9	3.5278 E-9	2. 5 E- 8	6.4334 5E-10	5E-9	5.55E- 8	2.1E -8	1. 83 48 E- 12	2.95 208 E-1 1	1. 25 6E -4	6.25 E-7
电 感  A	1	1. 95 62	1.951 99E- 5	2.95 E-8	1.3E-8	1. 0 8	2.9E-9	3.25 E-8	3.576 E-7	1.15 8E-7	3. 81 06	2.83 969 E-1	2. 79 26	2.18 54E- 6

C A 3 9 H B A A 6 C 4 T r a n s p o r t a t i o n E m i s s i o n s		4E -5				4 E- 7					1E -1 2	0	9E -4	
电 感 A C A 4 7 H B A C O C J T	3	3. 24 88 2E -8	3.245 02E- 8	1.841 4E-1 1	1.9602 E-11	2. 0 3 7 4 2 E- 1 0	3.2614 8E-12	7.36 56E- 11	8.0308 8E-10	2.21 562 E-10	6. 66 46 8E -1 5	1.91 56E -13	4. 67 27 3E -7	2.75 438E -9

ra n s p o r t a t i o n E m i s s i o n s														
C h i p F e r r i t e B e a d s R a w M a t e r i a l	2	2. 78 31 2E -6	2.784 12E- 6	-3.28 02E- 9	2.2638 E-9	1. 1 7 3 4 8 E- 8	1.0318 E-9	2.74 12E- 9	2.8813 4E-8	1.28 744 E-8	1. 40 53 4E -1 3	5.08 556 E-1 2	3. 06 90 1E -5	5.62 731E -7
C h i p F e r r i t e B	2	1. 78 92 1E -6	1.707 77E- 6	7.505 19E- 8	6.3819 E-9	1. 6 9 6 5	2.0853 E-9	4.00 68E- 9	4.2027 3E-8	1.06 407 E-8	1. 16 04 E- 13	9.76 5E- 10	2. 50 66 1E -5	2.30 386E -6

e a d s R a w M a t e r i a l						9 E- 8								
C h i p F e r r i t e B e a d s R a w M a t e r i a l	2	3. 05 76 5E -2	3.037 02E- 2 4	1.492 83E- 4	5.7055 9E-5	2. 8 8 3 7 E- 4	1.0979 7E-4	7.12 754E -5	8.4397 E-4	1.94 569 E-4	1. 73 25 E- 9	4.09 103 E-5	3. 99 34 4E -1	1.18 089E -2
磁 珠  A D A 2 2 1 0 0 2	2	1. 37 82 9E -7	1.376 68E- 7	7.812 E-11	8.316E -11	8. 6 4 3 6 E- 1 0	1.3836 6E-11	3.12 48E- 10	3.4070 4E-9	9.39 96E- 10	2. 82 74 4E -1 4	8.12 68E -13	1. 98 23 7E -6	1.16 852E -8

8 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
M u l t i l a y e r C h i p F e r r i t e B e a d s R a w M a t e r	1	2. 53 01 1E -6	2.531 02E- 6	-2.98 2E-9	2.058E -9	1. 0 6 6 8 E- 8	9.38E- 10	2.49 2E-9	2.6194 E-8	1.17 04E- 8	1. 27 75 8E -1 3	4.62 323 E-1 2	2. 79 00 1E -5	5.11 574E -7



a d R a w M a t e r i a l						8								
磁珠	7	4.	4.818	2.734	2.9106	3.	4.8428	1.09	1.1924	3.28	9.	2.84	6.	4.08
A D A 6 0 1 0 0 1 1 C 1 T r a n s p o r t a t i o n E m i s s i o n s		82	37E-	2E-1	E-10	0	1E-11	368E	6E-8	986	89	438	93	983E
		40	7	0		2		-9		E-9	60	E-1	83	-8
		1E				5					4E	2	E-	
		-7				2					-1		6	
						6					4			
						E-								
						9								

C h i p F e r r i t e B e a d s R a w M a t e r i a l	6	1. 51 80 6E -5	1.518 61E- 5	-1.78 92E- 8	1.2348 E-8	6. 4 0 0 8 E- 8	5.628E -9	1.49 52E- 8	1.5716 4E-7	7.02 24E- 8	7. 66 55 E- 13	2.77 394 E-1 1	1. 67 40 1E -4	3.06 944E -6
磁 珠  A D A 6 0 1 0 0 2 4 C 1 T r a n s p o r t a t i o	6	4. 13 48 7E -7	4.130 03E- 7	2.343 6E-1 0	2.4948 E-10	2. 5 9 3 0 8 E- 9	4.1509 8E-11	9.37 44E- 10	1.0221 1E-8	2.81 988 E-9	8. 48 23 2E -1 4	2.43 804 E-1 2	5. 94 71 1E -6	3.50 557E -8

n E m i s s i o n s														
S a w F i l t e r R a w M a t e r i a l	1	2. 64 41 6E -4	2.620 84E- 4	1.864 14E- 6	4.6846 5E-7	3. 1 2 8 5 4 E- 6	2.6389 5E-7	3.29 505E -7	3.6527 E-6	1.57 234 E-6	1. 06 75 4E -1 1	6.14 25E -8	3. 43 47 3E -3	1.53 654E -4
声 表 滤 波 器  A E A 0 0 0 1 9 0 0 C 1 T r a n s	1	1. 14 85 7E -6	1.147 23E- 6	6.51 E-10	6.93E- 10	7. 2 0 3 E- 9	1.1530 5E-10	2.60 4E-9	2.8392 E-8	7.83 3E-9	2. 35 62 E- 13	6.77 233 E-1 2	1. 65 19 8E -5	9.73 77E- 8

p o r t a t i o n E m i s s i o n s														
S a w F i l t e r R a w M a t e r i a l	1	5. 12 87 8E -6	5.063 39E- 6	4.384 E-8	2.155E -8	4. 0 2 3 9 E- 7	1.91E- 8	1.58 8E-8	2.0344 E-7	6.35 1E-8	4. 58 87 1E -1 3	1.09 8E- 8	8. 11 80 2E -5	3.02 197E -5
濾 波 器 A E A 0 0 0 1 9 2 1 C 1 T	1	1. 53 08 9E -7	1.529 09E- 7	8.676 9E-1 1	9.2367 E-11	9. 6 0 0 5 7 E- 1 0	1.5368 5E-11	3.47 076E -10	3.7842 5E-9	1.04 403 E-9	3. 14 04 8E -1 4	9.02 655 E-1 3	2. 20 18 5E -6	1.29 79E- 8

ra n s p o r t a t i o n E m i s s i o n s														
S a w F i l t e r R a w M a t e r i a l	1	3. 29 63 8E -4	3.267 32E- 4	2.323 96E- 6	5.8402 E-7	3. 9 0 0 2 4 E- 6	3.2898 9E-7	4.10 783E -7	4.5536 9E-6	1.96 019 E-6	1. 33 08 6E -1 1	7.65 765 E-8	4. 28 19 6E -3	1.91 556E -4
S a w F i l t e r R a w M a t e r i a l	1	1. 54 09 6E -3	1.529 24E- 3	9.119 18E- 6	2.6029 1E-6	9. 5 2 8 8 5 E- 6	1.9723 4E-6	2.02 415E -6	2.1236 E-5	5.49 21E- 6	1. 48 8E -1 0	5.22 201 E-7	1. 95 53 6E -2	6.21 686E -4



M a t e r i a l						5								
S a w F i l t e r R a w M a t e r i a l	4	6. 16 38 3E -3	6.116 95E- 3	3.647 67E- 5	1.0411 6E-5	3. 8 1 1 5 4 E- 5	7.8893 8E-6	8.09 66E- 6	8.4944 E-5	2.19 684 E-5	5. 95 2E -1 0	2.08 88E -6	7. 82 14 2E -2	2.48 674E -3
声 表 滤 波 器  A E A 0 0 0 1 9 8 3 C 1 T r a n s p o r t a	4	2. 69 15 2E -5	2.685 67E- 5	4.058 8E-8	1.7886 2E-8	1. 4 9 1 4 4 E- 7	3.9900 1E-9	4.47 156E -8	4.9200 9E-7	1.59 325 E-7	5. 24 28 8E -1 2	3.90 703 E-1 0	3. 84 23 6E -4	3.00 681E -6

ti o n E m i s s i o n s														
S a w F i l t e r R a w M a t e r i a l	1	3. 29 63 8E -4	3.267 32E- 4	2.323 96E- 6	5.8402 E-7	3. 9 0 0 2 4 E- 6	3.2898 9E-7	4.10 783E -7	4.5536 9E-6	1.96 019 E-6	1. 33 08 6E -1 1	7.65 765 E-8	4. 28 19 6E -3	1.91 556E -4
S a w F i l t e r R a w M a t e r i a l	1	1. 54 09 6E -3	1.529 24E- 3	9.119 18E- 6	2.6029 1E-6	9. 5 2 8 8 5 E- 6	1.9723 4E-6	2.02 415E -6	2.1236 E-5	5.49 21E- 6	1. 48 8E -1 0	5.22 201 E-7	1. 95 53 6E -2	6.21 686E -4
声 表 滤 波 器	1	2. 38 13 8E	2.378 59E- 6	1.349 74E- 9	1.4368 2E-9	1. 4 9 3	2.3906 6E-10	5.39 896E -9	5.8866 1E-8	1.62 404 E-8	4. 88 51 9E	1.40 413 E-1 1	3. 42 51 E-	2.01 895E -7

A E A 0 0 0 1 9 9 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s		-6				4 2 E- 8					-1 3		5	
S a w F i l t e r R a w M a t e r i a l	1	2. 96 14 5E -4	2.935 35E- 4	2.087 84E- 6	5.2468 1E-7	3. 5 0 3 9 6 E- 6	2.9556 2E-7	3.69 046E -7	4.0910 2E-6	1.76 103 E-6	1. 19 56 4E -1 1	6.87 96E -8	3. 84 69 E- 3	1.72 093E -4

S a w F i l t e r R a w M a t e r i a l	1	1. 37 44 4E -3	1.363 98E- 3	8.133 72E- 6	2.3216 3E-6	8. 4 9 9 1 2 E- 6	1.7592 E-6	1.80 541E -6	1.8941 1E-5	4.89 86E- 6	1. 32 72 E- 10	4.65 77E -7	1. 74 40 5E -2	5.54 504E -4
声 表 滤 波 器  A E A 0 0 0 1 9 9 9 C 1 T r a n s p o r t a t i o n E m	1	4. 90 50 8E -7	4.894 42E- 7	7.396 83E- 10	3.2596 2E-10	2. 7 1 8 0 2 E- 9	7.2714 6E-11	8.14 905E -10	8.9664 6E-9	2.90 357 E-9	9. 55 47 2E -1 4	7.12 024 E-1 2	7. 00 23 9E -6	5.47 967E -8

is si o n s														
S a w F i l t e r R a w M a t e r i a l	3	2. 23 64 3E -4	2.236 18E- 4	-2.72 308E -7	2.9655 7E-7	1. 6 7 6 2 2 E- 6	1.0423 4E-7	1.47 728E -6	3.9842 8E-6	8.16 428 E-7	1. 16 49 E- 11	9.52 644 E-9	2. 39 35 8E -3	7.94 292E -5
声 表 滤 波 器  A E A 0 0 0 2 0 1 3 C 1 T r a n s p o r t a	3	7. 17 85 E- 3	7.162 9E-3	1.082 51E- 5	4.7704 E-6	3. 9 7 7 7 8 E- 5	1.0641 7E-6	1.19 26E- 5	1.3122 3E-4	4.24 933 E-5	1. 39 83 2E -9	1.04 204 E-7	1. 02 47 9E -1	8.01 941E -4

ti o n E m i s s i o n s														
S a w F i l t e r R a w M a t e r i a l	5	7. 93 24 7E -4	7.862 53E- 4	5.592 42E- 6	1.4054 E-6	9. 3 8 5 6 E- 6	7.9168 5E-7	9.88 515E -7	1.0958 1E-5	4.71 704 E-6	3. 20 26 E- 11	1.84 275 E-7	1. 03 04 2E -2	4.60 962E -4
S a w F i l t e r R a w M a t e r i a l	5	3. 72 81 3E -3	3.699 77E- 3	2.206 25E- 5	6.2973 6E-6	2. 3 0 5 3 7 E- 5	4.7718 E-6	4.89 714E -6	5.1377 4E-5	1.32 873 E-5	3. 6E -1 0	1.26 339 E-6	4. 73 07 E- 2	1.50 408E -3
声 表 滤 波 器	5	1. 32 04 6E	1.317 59E- 6	1.991 25E- 9	8.775E -10	7. 3 1 7	1.9575 E-10	2.19 375E -9	2.4138 E-8	7.81 65E- 9	2. 57 21 6E	1.91 679 E-1 1	1. 88 50 7E	1.47 514E -7

A E A 0 0 0 2 0 7 2 C 1 T ra n s p or ta ti o n E m is si o n s		-6				E- 9					-1 3		-5	
S a w F i l t e r R a w M a t e r i a l	5	7. 93 24 7E -4	7.862 53E- 4	5.592 42E- 6	1.4054 E-6	9. 3 8 5 6 E- 6	7.9168 5E-7	9.88 515E -7	1.0958 1E-5	4.71 704 E-6	3. 20 26 E- 11	1.84 275 E-7	1. 03 04 2E -2	4.60 962E -4

S a w F i l t e r R a w M a t e r i a l	5	3. 72 81 3E -3	3.699 77E- 3	2.206 25E- 5	6.2973 6E-6	2. 3 0 5 3 7 E- 5	4.7718 E-6	4.89 714E -6	5.1377 4E-5	1.32 873 E-5	3. 6E -1 0	1.26 339 E-6	4. 73 07 E- 2	1.50 408E -3
声 表 滤 波 器  A E A 0 0 0 2 0 7 3 C 1 T r a n s p o r t a t i o n E m	5	4. 51 22 6E -6	4.506 98E- 6	2.557 5E-9	2.7225 E-9	2. 8 2 9 7 5 E- 8	4.5298 4E-10	1.02 3E-8	1.1154 E-7	3.07 725 E-8	9. 25 65 E- 13	2.66 056 E-1 1	6. 48 99 E- 5	3.82 552E -7

is si o n s														
di pl e x er R a w M at er ia l	1	2. 64 41 6E -4	2.620 84E- 4	1.864 14E- 6	4.6846 5E-7	3. 1 2 8 5 4 E- 6	2.6389 5E-7	3.29 505E -7	3.6527 E-6	1.57 234 E-6	1. 06 75 4E -1 1	6.14 25E -8	3. 43 47 3E -3	1.53 654E -4
分 频 器  A E B 0 0 0 1 6 5 8 C 1 T ra n s p or ta ti o n	1	8. 20 41 E- 8	8.194 5E-8	4.65 E-11	4.95E- 11	5. 1 4 5 E- 1 0	8.2360 6E-12	1.86 E-10	2.028 E-9	5.59 5E-1 0	1. 68 3E -1 4	4.83 738 E-1 3	1. 17 99 8E -6	6.95 55E- 9

E m i s s i o n s														
S A W  D u p l e x e r R a w M a t e r i a l	1	9. 86 93 4E -4	9.973 59E- 4	-1.14 008E -5	9.7656 E-7	1. 0 0 4 1 3 E- 5	4.401E -7	2.59 104E -6	2.6638 5E-5	7.46 106 E-6	1. 07 54 3E -1 0	5.97 6E- 8	1. 26 46 1E -2	9.13 868E -4
双 工 器  A E B 0 0 0 1 9 2 2 C 1 T r a n	1	4. 59 43 E- 6	4.588 92E- 6	2.604 E-9	2.772E -9	2. 8 8 1 2 E- 8	4.6122 E-10	1.04 16E- 8	1.1356 8E-7	3.13 32E- 8	9. 42 48 E- 13	2.70 893 E-1	6. 60 79 E- 5	3.89 508E -7

s p o r t a t i o n E m i s s i o n s														
双 工 器 A E B 0 0 0 1 9 2 3 C 1 T r a n s p o r t a t i o n E m i s s i	1	8. 40 47 9E -4	8.401 59E- 4	2.757 15E- 7	4.8024 6E-8	4. 3 4 5 2 7 E- 6	1.0834 7E-8	1.58 812E -6	1.7403 1E-5	4.51 07E- 6	1. 91 11 E- 10	2.16 188 E-1 0	1. 17 72 2E -2	1.46 791E -5

o n s														
S A W  D u p l e x e r R a w M a t e r i a l	1	3. 52 55 4E -4	3.494 46E- 4	2.485 52E- 6	6.2462 E-7	4. 1 7 1 3 8 E- 6	3.5186 E-7	4.39 34E- 7	4.8702 6E-6	2.09 646 E-6	1. 42 33 8E -1 1	8.19 E-8	4. 57 96 4E -3	2.04 872E -4
S A W  D u p l e x e r R a w M a t e r i a l	1	2. 48 54 2E -3	2.466 51E- 3	1.470 84E- 5	4.1982 4E-6	1. 5 3 6 9 1 E- 5	3.1812 E-6	3.26 476E -6	3.4251 6E-5	8.85 822 E-6	2. 4E -1 0	8.42 26E -7	3. 15 38 E- 2	1.00 272E -3
S A W  D	1	2. 48 54	2.466 51E- 3	1.470 84E- 5	4.1982 4E-6	1. 5 3	3.1812 E-6	3.26 476E -6	3.4251 6E-5	8.85 822 E-6	2. 4E -1 -7	8.42 26E	3. 15 38	1.00 272E -3

u p l e x e r R a w M a t e r i a l		2E -3				6 9 1 E- 5					0		E- 2	
双 工 器  A E B 0 0 0 1 9 7 3 C 1 T r a n s p o r t a t i o n E m i s s i o	1	4. 59 43 E- 6	4.588 92E- 6	2.604 E-9	2.772E -9	2. 8 8 1 2 E- 8	4.6122 E-10	1.04 16E- 8	1.1356 8E-7	3.13 32E- 8	9. 42 48 E- 13	2.70 893 E-1 1	6. 60 79 E- 5	3.89 508E -7



u p l e x e r R a w M a t e r i a l		2E -3				6 9 1 E- 5					0		E- 2	
双 工 器  A E B 0 0 0 1 9 7 4 C 1 T r a n s p o r t a t i o n E m i s s i o	1	1. 29 11 2E -5	1.288 31E- 5	1.947 E-8	8.58E- 9	7. 1 5 4 4 E- 8	1.914E -9	2.14 5E-8	2.3601 6E-7	7.64 28E- 8	2. 51 5E -1 2	1.87 42E -10	1. 84 31 8E -4	1.44 236E -6



u p l e x e r R a w M a t e r i a l		2E -4				6 9 1 E- 6					1		E- 3	
双 工 器  A E B 0 0 0 1 9 8 4 C 1 T r a n s p o r t a t i o n E m i s s i o	2	1. 33 84 6E -5	1.335 55E- 5	2.018 39E- 8	8.8946 E-9	7. 4 1 6 7 3 E- 8	1.9841 8E-9	2.22 365E -8	2.4467 E-7	7.92 304 E-8	2. 60 72 2E -1 2	1.94 292 E-1 0	1. 91 07 6E -4	1.49 525E -6



u p l e x e r R a w M a t e r i a l		1E -4				4 5 6 E- 7					1		E- 3	
双 工 器  A E B 0 0 0 1 9 9 0 C 1 T r a n s p o r t a t i o n E m i s s i o	1	2. 38 13 8E -6	2.378 59E- 6	1.349 74E- 9	1.4368 2E-9	1. 4 9 3 4 2 E- 8	2.3906 6E-10	5.39 896E -9	5.8866 1E-8	1.62 404 E-8	4. 88 51 9E -1 3	1.40 413 E-1 1	3. 42 51 E- 5	2.01 895E -7



u p l e x e r R a w M a t e r i a l		4E -4				1 3 8 E- 6					8E -1 1		4E -3	
双 工 器  A E B 0 0 0 2 0 2 7 C 1 T r a n s p o r t a t i o n E m i s s i o	1	3. 93 79 7E -6	3.933 36E- 6	2.232 E-9	2.376E -9	2. 4 6 9 6 E- 8	3.9533 1E-10	8.92 8E-9	9.7344 E-8	2.68 56E- 8	8. 07 84 E- 13	2.32 194 E-1 1	5. 66 39 2E -5	3.33 864E -7

n s														
S A W  D u p l e x e r R a w M a t e r i a l	2	2. 48 54 2E -3	2.466 51E- 3	1.470 84E- 5	4.1982 4E-6	1. 5 3 6 9 1 E- 5	3.1812 E-6	3.26 476E -6	3.4251 6E-5	8.85 822 E-6	2. 4E -1 0	8.42 26E -7	3. 15 38 E- 2	1.00 272E -3
S A W  D u p l e x e r R a w M a t e r i a l	2	4. 97 08 3E -3	4.933 02E- 3	2.941 67E- 5	8.3964 8E-6	3. 0 7 3 8 2 E- 5	6.3624 E-6	6.52 952E -6	6.8503 2E-5	1.77 164 E-5	4. 8E -1 0	1.68 452 E-6	6. 30 76 E- 2	2.00 544E -3
双 工 器  A	2	5. 46 94	5.463 E-7	3.1E- 10	3.3E-1 0	3. 4 3	5.4907 1E-11	1.24 E-9	1.352 E-8	3.73 E-9	1. 12 2E	3.22 492 E-1	7. 86 65	4.63 7E-8

E B 0 0 0 2 0 2 9 C 1 T r a n s p o r t a t i o n E m i s s i o n s		E- 7				E- 9					-1 3	2	5E -6	
D i p l e x e r R a w M a t e r i a l	4	1. 41 02 2E -3	1.397 78E- 3	9.942 08E- 6	2.4984 8E-6	1. 6 6 8 5 5 E- 5	1.4074 4E-6	1.75 736E -6	1.9481 E-5	8.38 584 E-6	5. 69 35 2E -1 1	3.27 6E- 7	1. 83 18 6E -2	8.19 489E -4
D i p l e	4	5. 02	4.982 35E-	2.971 09E-	8.4804 4E-6	3. 1	6.4260 2E-6	6.59 482E	6.9188 2E-5	1.78 936	4. 84	1.70 137	6. 37	2.02 549E

x er R a w M a t e r i a l		05 4E -3	3	5		0 4 5 6 E- 5		-6		E-5	8E -1 0	E-6	06 8E -2	-3
D i p l e x e r R a w M a t e r i a l	4	4. 97 08 3E -4	4.933 02E- 4	2.941 67E- 6	8.3964 8E-7	3. 0 7 3 8 2 E- 6	6.3624 E-7	6.52 952E -7	6.8503 2E-6	1.77 164 E-6	4. 8E -1 1	1.68 452 E-7	6. 30 76 E- 3	2.00 544E -4
分 频 器  A E D 0 0 0 0 1 8 3 C 1 T r a n s p	4	2. 19 02 1E -6	2.185 45E- 6	3.302 82E- 9	1.4554 8E-9	1. 2 1 3 6 5 E- 8	3.2468 4E-10	3.63 87E- 9	4.0036 9E-8	1.29 65E- 8	4. 26 63 6E -1 3	3.17 932 E-1 1	3. 12 67 E- 5	2.44 677E -7

or ta ti o n E m i s s i o n s														
L o w P a s s L C F i l t e r R a w M a t e r i a l	2	3. 17 29 9E -4	3.145 01E- 4	2.236 97E- 6	5.6215 8E-7	3. 7 5 4 2 4 E- 6	3.1667 4E-7	3.95 406E -7	4.3832 3E-6	1.88 681 E-6	1. 28 10 4E -1 1	7.37 1E- 8	4. 12 16 8E -3	1.84 385E -4
L o w P a s s L C F i l t e r	2	1. 49 12 5E -3	1.479 91E- 3	8.825 02E- 6	2.5189 4E-6	9. 2 2 1 4 7 E- 6	1.9087 2E-6	1.95 886E -6	2.0551 E-5	5.31 493 E-6	1. 44 E- 10	5.05 356 E-7	1. 89 22 8E -2	6.01 631E -4

R a w M a t e r i a l														
低 通 滤 波 器  A E D 0 0 0 0 6 1 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s	2	5. 28 18 5E -7	5.270 37E- 7	7.965 E-10	3.51E- 10	2. 9 2 6 8 E- 9	7.83E- 11	8.77 5E-1 0	9.6552 E-9	3.12 66E- 9	1. 02 88 6E -1 3	7.66 716 E-1 2	7. 54 02 6E -6	5.90 058E -8

L o w P a s s F i l t e r R a w M a t e r i a l	3	5. 28 83 1E -4	5.241 69E- 4	3.728 28E- 6	9.3693 E-7	6. 2 5 7 0 7 E- 6	5.2779 E-7	6.59 01E- 7	7.3053 9E-6	3.14 469 E-6	2. 13 50 7E -1 1	1.22 85E -7	6. 86 94 6E -3	3.07 308E -4
L o w P a s s F i l t e r R a w M a t e r i a l	3	1. 86 40 6E -3	1.849 88E- 3	1.103 13E- 5	3.1486 8E-6	1. 1 5 2 6 8 E- 5	2.3859 E-6	2.44 857E -6	2.5688 7E-5	6.64 366 E-6	1. 8E -1 0	6.31 695 E-7	2. 36 53 5E -2	7.52 039E -4
低 通 濾 波 器 A E	3	2. 46 12 3E -7	2.458 35E- 7	1.395 E-10	1.485E -10	1. 5 4 3 5	2.4708 2E-11	5.58 E-10	6.084 E-9	1.67 85E- 9	5. 04 9E -1 4	1.45 121 E-1 2	3. 53 99 5E -6	2.08 665E -8

D 0 0 0 1 6 8 5 C 1 T r a n s p o r t a t i o n E m i s s i o n s						E- 9								
S A W  Q u a d p l e x e r R a w M a t	1	3. 44 17 7E -5	3.441 39E- 5	-4.19 07E- 8	4.5638 9E-8	2. 5 7 9 6 3 E- 7	1.6041 2E-8	2.27 347E -7	6.1316 4E-7	1.25 645 E-7	1. 79 27 3E -1 2	1.46 608 E-9	3. 68 36 3E -4	1.22 238E -5

er ia l														
S A W  Q u a d p l e x e r R a w M a t e r i a l	1	2. 24 14 9E -5	2.241 24E- 5	-2.72 924E -8	2.9722 8E-8	1. 6 8 0 0 1 E- 7	1.0447 E-8	1.48 062E -7	3.9933 E-7	8.18 276 E-8	1. 16 75 3E -1 2	9.54 8E- 10	2. 39 9E -4	7.96 089E -6
S A W  Q u a d p l e x e r R a w M a t e r i a l	1	6. 24 72 4E -5	6.246 56E- 5	-7.60 666E -8	8.2840 3E-8	4. 6 8 2 3 6 E- 7	2.9116 8E-8	4.12 664E -7	1.1129 7E-6	2.28 061 E-7	3. 25 40 3E -1 2	2.66 112 E-9	6. 68 62 5E -4	2.21 878E -5

四 工 器  A E D 0 0 0 1 7 3 9 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	3. 53 28 5E -5	3.525 18E- 5	5.327 52E- 8	2.3477 2E-8	1. 9 5 7 6 4 E- 7	5.2372 3E-9	5.86 93E- 8	6.4580 4E-7	2.09 128 E-7	6. 88 17 3E -1 2	5.12 831 E-1 0 -4	5. 04 34 3E -4	3.94 67E- 6
C o u p l e r R a w M a t e r	6	2. 10 11 7E -5	2.092 05E- 5	8.015 4E-8	1.098E -8	6. 0 3 9 E- 8	1.647E -9	1.72 386E -8	1.9138 1E-7	5.58 882 E-8	1. 30 73 6E -1 2	1.76 101 E-1 0 -4	1. 61 45 3E -4	1.61 274E -6

ia l														
C o u p l e r R a w M a t e r i a l	6	1. 63 07 5E -1	1.619 74E- 1	7.961 77E- 4	3.0429 8E-4	1. 5 3 7 9 7 E- 3	5.8558 2E-4	3.80 136E -4	4.5011 7E-3	1.03 77E- 3	9. 24 E- 9	2.18 188 E-4	2. 12 98 4E 0	6.29 808E -2
耦 合 器  A E E 0 0 0 0 0 6 6 C 1 T r a n s p o r t a t i o n E m	6	2. 10 07 1E -7	2.098 66E- 7	1.209 6E-1 0	8.4889 1E-11	1. 4 2 7 3 3 E- 9	1.5831 7E-11	5.44 32E- 10	5.9754 2E-9	1.64 506 E-9	4. 67 12 E- 14	7.16 04E -13	3. 12 10 1E -6	1.48 539E -8

is si o n s														
T r i p l e x e r R a w M a t e r i a l	3	3. 90 58 5E -6	3.874 28E- 6	2.773 68E- 8	3.8298 E-9	2. 2 3 6 2 6 E- 8	1.326E -9	3.88 44E- 9	4.1472 6E-8	1.28 778 E-8	1. 76 03 E- 13	1.09 2E- 10	4. 27 75 9E -5	1.48 503E -6
T r i p l e x e r R a w M a t e r i a l	3	5. 14 35 1E -6	5.104 49E- 6	2.739 E-8	1.1622 E-8	1. 2 6 8 2 2 E- 7	6.8148 E-8	2.89 86E- 8	4.2663 6E-7	8.23 62E- 8	2. 87 72 7E -1 3	7.53 696 E-7	6. 52 49 3E -5	4.72 638E -6
T r i p l e x e r R a w M a t e r i a l	3	7. 40 20 1E -4	7.480 19E- 4	-8.55 063E -6	7.3242 E-7	7. 5 3 0 9 8 E-	3.3007 5E-7	1.94 328E -6	1.9978 9E-5	5.59 58E- 6	8. 06 57 1E -1 1	4.48 2E- 8	9. 48 45 9E -3	6.85 401E -4

er ia l						6								
T ri pl e x er R a w M a t e r i a l	3	1. 34 50 2E -5	1.303 91E- 5	3.288 42E- 7	8.2302 E-8	1. 5 0 5 8 8 E- 7	8.004E -9	2.32 2E-8	1.8969 3E-7	5.63 55E- 8	1. 60 2E -1 2	4.44 6E- 9	2. 63 11 E- 4	1.18 544E -4
T ri pl e x er R a w M a t e r i a l	3	1. 01 92 2E -1	1.012 34E- 1	4.976 11E- 4	1.9018 6E-4	9. 6 1 2 3 2 E- 4	3.6598 9E-4	2.37 585E -4	2.8132 3E-3	6.48 565 E-4	5. 77 5E -9	1.36 368 E-4	1. 33 11 5E 0	3.93 63E- 2
T ri pl e x er R a w M a t e r i a l	3	1. 49 70 3E -6	1.497 03E- 6	6.066 9E-8	2.289E -9	5. 0 9 0 4 E- 8	4.032E -9	3.02 4E-9	3.8913 E-8	1.26 63E- 8	7. 53 10 2E -1 4	1.11 3E- 9	1. 87 10 7E -5	1.37 8E-6

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T r i p l e x e r R a w M a t e r i a l	3	3. 25 01 7E -5	3.220 31E- 5	2.040 3E-7	9.4572 E-8	3. 6 0 8 2 4 E- 6	2.6712 E-8	6.56 28E- 8	6.6853 8E-7	4.14 54E- 7	2. 83 84 2E -1 2	4.06 8E- 9	4. 66 94 6E -4	1.33 127E -4
T r i p l e x e r R a w M a t e r i a l	3	7. 54 40 9E -5	7.064 01E- 5	4.702 56E- 6	9.8325 E-8	8. 9 2 1 7 E- 7	1.7677 8E-7	2.02 998E -7	2.7387 5E-6	5.99 127 E-7	4. 75 63 2E -1 2	1.85 955 E-7	9. 03 70 5E -4	6.90 746E -5
三 工 器 A E G 0 0 0 0 2	3	1. 04 35 6E -6	1.042 34E- 6	5.914 8E-1 0	6.2964 E-10	6. 5 4 4 4 E- 9	1.0476 3E-10	2.36 592E -9	2.5796 2E-8	7.11 684 E-9	2. 14 07 8E -1 3	6.15 315 E-1 2	1. 50 09 4E -5	8.84 74E- 8

9 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
场 效 应 管 A H A 0 0 0 0 2 4 6 C 1 T r a n s p o r t a	1	1. 64 88 2E -6	1.646 89E- 6	9.345 37E- 10	9.9482 9E-10	1. 0 3 4 0 2 E- 8	1.6552 5E-10	3.73 815E -9	4.0757 9E-8	1.12 446 E-8	3. 38 24 2E -1 3	9.72 195 E-1 2	2. 37 14 8E -5	1.39 789E -7

ti o n E m i s s i o n s														
霍 尔 芯 片  A M Y 0 0 0 2 4 7 2 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	2. 29 85 8E -7	2.293 59E- 7	3.466 25E- 10	1.5275 E-10	1. 2 7 3 7 E- 9	3.4075 E-11	3.81 875E -10	4.2018 E-9	1.36 065 E-9	4. 47 74 7E -1 4	3.33 664 E-1 2	3. 28 14 1E -6	2.56 784E -8



w M a t e r i a l														
板 对 板 连 接 器 ( 插 座 ) A R C 0 1 0 0 0 0 9 C 1 T r a n s p o r t a t i o n E m i s s i o n	2	3. 29 91 4E -6	3.295 28E- 6	1.869 92E- 9	1.9905 6E-9	2. 0 6 8 9 8 E- 8	3.312E -10	7.47 968E -9	8.1552 6E-8	2.24 994 E-8	6. 76 79 E- 13	1.94 527 E-1 1	4. 74 51 E- 5	2.79 704E -7

s														
B T B C o n n e c t o r ( S o c k e t ) R a w M a t e r i a l	2	1. 93 14 9E -4	1.882 64E- 4	-9.90 12E- 6	1.4786 8E-5	8. 4 3 6 E- 7	4.08E- 8	2.00 4E-7	1.6816 E-6	1.80 16E- 6	2. 32 21 5E -1 1	1.65 04E -9	3. 43 65 2E -3	1.18 573E -4
B T B C o n n e c t o r ( S o c k e t	2	1. 44 85 5E -5	1.448 55E- 5	5.870 45E- 7	2.2148 8E-8	4. 9 2 5 5 7 E- 7	3.9014 4E-8	2.92 608E -8	3.7653 E-7	1.22 53E- 7	7. 28 71 6E -1 3	1.07 696 E-8	1. 81 04 8E -4	1.33 338E -5

) R a w M a t e r i a l														
板 对 板 连 接 器 ( 插 座 ) A R C 0 3 0 0 0 1 2 C 1 T r a n s p o r t a t i o n E m i s	2	3. 29 91 4E -6	3.295 28E- 6	1.869 92E- 9	1.9905 6E-9	2. 0 6 8 9 8 E- 8	3.312E -10	7.47 968E -9	8.1552 6E-8	2.24 994 E-8	6. 76 79 E- 13	1.94 527 E-1 1 5	4. 74 51 E- 5	2.79 704E -7

si o n s														
B T B C o n n e c t o r ( S o c k e t ) R a w M a t e r i a l	5	2. 31 77 9E -4	2.259 16E- 4	-1.18 814E -5	1.7744 2E-5	1. 0 1 2 3 2 E- 6	4.896E -8	2.40 48E- 7	2.0179 2E-6	2.16 192 E-6	2. 78 65 8E -1 1	1.98 048 E-9	4. 12 38 2E -3	1.42 288E -4
B T B C o n n e c t o r ( S o c k e t )	5	1. 85 34 6E -5	1.853 46E- 5	7.511 4E-7	2.834E -8	6. 3 0 2 4 E- 7	4.992E -8	3.74 4E-8	4.8178 E-7	1.56 78E- 7	9. 32 41 2E -1 3	1.37 8E- 8	2. 31 65 6E -4	1.70 609E -5

et ) R a w M a t e r i a l														
板 对 板 连 接 器 ( 插 座 ) A R C 0 3 0 0 3 0 C 1 T r a n s p o r t a t i o n E m	5	4. 04 73 6E -6	4.042 62E- 6	2.294 E-9	2.442E -9	2. 5 3 8 2 E- 8	4.0631 3E-10	9.17 6E-9	1.0004 8E-7	2.76 02E- 8	8. 30 28 E- 13	2.38 644 E-1 1	5. 82 12 5E -5	3.43 138E -7

is si o n s														
B a t t e r y C o n n e c t o r ( S o c k e t ) R a w M a t e r i a l	1	7. 39 13 E- 4	7.347 31E- 4	3.598 E-6	8.036E -7	3. 4 9 7 2 E- 6	2.044E -7	7.05 6E-7	7.2212 E-6	2.29 32E- 6	3. 26 73 8E -1 1	1.06 236 E-8	1. 55 32 6E -2	4.25 477E -4
B a t t e r y C o n n e c t o r ( S	1	1. 62 74 6E -4	1.616 36E- 4	7.994 8E-7	3.1004 E-7	1. 2 4 4 6 2 E- 5	9.9682 E-7	6.22 38E- 7	8.7117 1E-6	2.38 142 E-6	9. 16 59 1E -1 2	3.28 21E -7	1. 96 27 7E -3	2.08 857E -4

o c k e t ) R a w M a t e r i a l														
B a t t e r y C o n n e c t o r ( S o c k e t ) R a w M a t e r i a l	1	3. 94 19 E- 3	3.910 05E- 3	2.799 28E- 5	3.8651 5E-6	2. 2 5 6 9 E- 5	1.3382 4E-6	3.92 026E -6	4.1855 4E-5	1.29 967 E-5	1. 77 65 5E -1 0	1.10 208 E-7	4. 31 70 7E -2	1.49 874E -3
电 池 连 接 器	1	5. 96 27	5.955 76E- 5	3.379 62E- 8	3.5976 6E-8	3. 7 3	5.9859 7E-9	1.35 185E -7	1.4739 5E-6	4.06 645 E-7	1. 22 32	3.51 581 E-1	8. 57 61	5.05 526E -6

(母座) AREO100005 C1 Tra ns p or ta ti o n E m is si o n s		4E -5				9 3 9 E- 7					E- 11	0	1E -4	
R F C o n n e c t o r R a	5	1. 12 83 3E -3	1.113 95E- 3	9.644 8E-6	4.741E -6	8. 8 5 2 5 8 E-	4.202E -6	3.49 36E- 6	4.4756 8E-5	1.39 722 E-5	1. 00 95 2E -1 0	2.41 56E -6	1. 78 59 6E -2	6.64 834E -3

w M a t e r i a l						5								
R F C o n n e c t o r R a w M a t e r i a l	5	1. 98 12 5E -3	1.967 74E- 3	9.732 8E-6	3.7744 E-6	1. 5 1 9 E- 4	1.2135 2E-5	7.57 68E- 6	1.0605 6E-4	2.89 912 E-5	1. 11 58 5E -1 0	3.99 56E -6	2. 38 94 6E -2	2.54 261E -3
R F 连 接 器  A R F 0 0 0 0 5 4 C 1 T r a n	5	6. 42 65 4E -5	6.419 02E- 5	3.642 5E-8	3.8775 E-8	4. 0 3 0 2 5 E- 7	6.4515 8E-9	1.45 7E-7	1.5886 E-6	4.38 275 E-7	1. 31 83 5E -1 1	3.78 928 E-1 0	9. 24 32 E- 4	5.44 848E -6

s p o r t a t i o n E m i s s i o n s														
R F S w i t c h R a w M a t e r i a l	7	1. 39 18 3E -2	1.381 25E- 2	8.236 68E- 5	2.3510 1E-5	8. 6 0 6 7 1 E- 5	1.7814 7E-5	1.82 827E -5	1.9180 9E-4	4.96 06E- 5	1. 34 4E -9	4.71 666 E-6	1. 76 61 3E -1	5.61 523E -3
R F 开 关  A R F 0 0 2 0 0 1 3	7	6. 12 57 3E -7	6.118 56E- 7	3.472 E-10	3.696E -10	3. 8 4 1 6 E- 9	6.1496 E-11	1.38 88E- 9	1.5142 4E-8	4.17 76E- 9	1. 25 66 4E -1 3	3.61 191 E-1 2	8. 81 05 4E -6	5.19 344E -8

C 1 T r a n s p o r t a t i o n E m i s s i o n s														
R F c a b l e c l i p R a w M a t e r i a l	4	8. 67 11 9E -4	8.596 38E- 4	5.564 72E- 6	1.9167 2E-6	6. 1 1 8 4 6 E- 5	4.8655 2E-6	3.16 768E -6	4.3374 7E-5	1.19 183 E-5	4. 98 65 6E -1 1	1.51 848 E-6	-4. 36 40 9E -3	1.12 992E -3
R F c a b l e c l i p R	4	2. 24 90 7E -3	2.235 68E- 3	1.094 82E- 5	2.4452 4E-6	1. 0 6 4 1 5	6.2196 E-7	2.14 704E -6	2.1973 1E-5	6.97 788 E-6	9. 94 21 6E -1 1	3.23 261 E-8	4. 72 63 5E -2	1.29 467E -3

a w M a t e r i a l						E- 5								
同 轴 线 夹  A R M 0 0 0 0 1 2 9 C 1 T r a n s p o r t a t i o n E m i s s i o n s	4	5. 49 12 8E -5	5.484 85E- 5	3.112 4E-8	3.3132 E-8	3. 4 4 3 7 2 E- 7	5.5126 7E-9	1.24 496E -7	1.3574 1E-6	3.74 492 E-7	1. 12 64 9E -1 1	3.23 782 E-1 0	7. 89 80 2E -4	4.65 555E -6
A n t e	15	3. 85	3.822 13E-	2.736 34E-	3.7782 4E-6	2. 2	1.3081 5E-6	3.83 211E	4.0914 3E-5	1.27 044	1. 73	1.07 73E	4. 22	1.46 504E

n n a S p r i n g R a w M a t e r i a l		32 7E -3	3	5		0 6 1 6 E- 5		-6		E-5	66 E- 10	-7	00 1E -2	-3
A n t e n n a S p r i n g R a w M a t e r i a l	15	3. 34 85 3E -4	3.339 7E-4	-2.05 2E-8	9.0459 E-7	2. 5 7 7 8 2 E- 6	8.5756 5E-7	8.60 985E -7	8.5064 E-6	2.32 218 E-6	4. 43 59 4E -1 1	9.14 85E -8	4. 03 63 9E -3	6.85 188E -4
弹 片  A R N 0 0 1 0 0	15	4. 20 87 E- 5	4.203 78E- 5	2.385 45E- 8	2.5393 5E-8	2. 6 3 9 3 8 E-	4.2251 E-9	9.54 18E- 8	1.0403 6E-6	2.87 024 E-7	8. 63 37 9E -1 2	2.48 158 E-1 0	6. 05 33 1E -4	3.56 817E -6

0 9 C 1 T r a n s p o r t a t i o n E m i s s i o n s						7								
A n t e n n a S p r i n g R a w M a t e r i a l	3	1. 00 64 E- 3	9.994 56E- 4	6.232 4E-6	7.1073 6E-7	6. 0 6 9 8 2 E- 6	4.9531 2E-7	1.01 286E -6	1.0548 4E-5	3.69 73E- 6	1. 22 98 5E -1 0	4.48 8E- 9	1. 06 12 8E -2	3.34 394E -4
彈 片 A R	3	1. 00 41	1.003 01E- 6	5.691 6E-1 0	6.0588 E-10	6. 2 9	1.0080 9E-10	2.27 664E -9	2.4822 7E-8	6.84 828 E-9	2. 05 99	5.92 095 E-1	1. 44 43	8.51 353E -8

N 0 0 1 0 0 1 4 C 1 T r a n s p o r t a t i o n E m i s s i o n s		8E -6				7 4 8 E- 9					9E -1 3	2	E- 5	
A n t e n n a S p r i n g R a w M a t e r i a	4	1. 02 75 4E -3	1.019 23E- 3	7.296 91E- 6	1.0075 3E-6	5. 8 8 3 0 8 E- 6	3.4884 E-7	1.02 19E- 6	1.0910 5E-5	3.38 785 E-6	4. 63 09 3E -1 1	2.87 28E -8	1. 12 53 4E -2	3.90 678E -4

I														
Antennaspring Raw Material	4	1.106580	1.09911E0	5.40263E-3	2.06488E-3	1.04362E-2	3.97359E-3	2.57949E-3	3.05437E-2	7.04156E-3	6.27056E-3	1.48056E-3	1.44525E-1	4.2737E-1
弹片 ARN0010015C1T ransportati	4	1.12232E-5	1.12101E-5	6.3612E-9	6.7716E-9	7.03836E-8	1.12669E-9	2.54448E-8	2.7743E-7	7.65396E-8	2.304E-1	6.61754E-1	1.6142E-4	9.51512E-7

o n E m i s s i o n s														
A n t e n n a S p r i n g R a w M a t e r i a l	5	1. 95 29 2E -4	1.937 14E- 4	1.386 84E- 6	1.9149 E-7	1. 1 1 8 1 3 E- 6	6.63E- 8	1.94 22E- 7	2.0736 3E-6	6.43 89E- 7	8. 80 14 8E -1 2	5.46 E-9	2. 13 87 9E -3	7.42 517E -5
弹 片  A R N 0 0 1 0 0 1 9 C 1 T ra	5	2. 13 30 7E -6	2.130 57E- 6	1.209 E-9	1.287E -9	1. 3 3 7 7 E- 8	2.1413 8E-10	4.83 6E-9	5.2728 E-8	1.45 47E- 8	4. 37 58 E- 13	1.25 772 E-1 1	3. 06 79 5E -5	1.80 843E -7

n s p o r t a t i o n E m i s s i o n s														
M I C R o a w M a t e r i a l	1	1. 50 22 5E -3	1.490 11E- 3	1.066 8E-5	1.473E -6	8. 6 0 1 E- 6	5.1E-7	1.49 4E-6	1.5951 E-5	4.95 3E-6	6. 77 03 7E -1 1	4.2 E-8	1. 64 52 3E -2	5.71 167E -4
麦 克 风  A W C 2 7 1 8 M 1 4 C 1 T ra	1	1. 47 67 4E -5	1.475 01E- 5	8.37 E-9	8.91E- 9	9. 2 6 1 E- 8	1.4824 9E-9	3.34 8E-8	3.6504 E-7	1.00 71E- 7	3. 02 94 E- 12	8.70 728 E-1 1	2. 12 39 7E -4	1.25 199E -6

n s p o r t a t i o n E m i s s i o n s														
天 线 ， 射 频 开 关 芯 片  A X A 0 0 0 1 8 8 6 C 1 T r a n s p o r t a	5	8. 16 34 5E -7	8.153 7E-7	4.65 E-10	4.95E- 10	3. 2 7 E- 9	8.2085 2E-11	8.7E- 10	9.51E- 9	2.94 E-9	1. 65 83 7E -1 3	4.83 48E -12	1. 16 48 4E -5	6.93 45E- 8

ti o n E m i s s i o n s														
S P D T S w i t c h R a w M a t e r i a l	1	7. 19 52 8E -4	7.140 55E- 4	4.258 07E- 6	1.2153 9E-6	4. 4 9 3 6 E- 6	9.2095 7E-7	9.45 148E -7	9.9158 4E-6	2.56 445 E-6	6. 94 8E -1 1	2.43 834 E-7	9. 13 02 5E -3	2.90 287E -4
S P D T S w i t c h R a w M a t e r i a l	1	3. 21 54 3E -6	3.203 83E- 6	1.011 9E-8	1.4861 E-9	1. 2 8 6 1 5 E- 8	5.2689 E-10	2.41 829E -9	2.5669 E-8	1.04 838 E-8	6. 04 79 7E -1 4	1.89 432 E-1 1	1. 01 84 7E -4	1.20 335E -6



M a t e r i a l						7								
射 频 开 关 芯 片  A X A 0 0 0 1 9 1 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	1. 41 16 5E -7	1.41 E-7	8.001 1E-1 1	8.5173 E-11	8. 8 5 2 8 3 E- 1 0	1.4171 5E-11	3.20 044E -10	3.4895 1E-9	9.62 713 E-10	2. 89 58 8E -1 4	8.32 352 E-1 3	2. 03 03 6E -6	1.19 681E -8
S P D	1	2. 31	2.221 59E-	8.907 8E-7	2.86E- 9	9. 7	3.19E- 9	2.46 4E-8	2.0196 E-7	6.95 2E-8	1. 80	6.95 651	4. 62	2.98 792E

T s w i t c h R a w M a t e r i a l		09 5E -5	5			6 2 5 E- 8					11 8E -1 3	E-1 2	06 2E -4	-5
S P D T s w i t c h R a w M a t e r i a l	1	3. 07 72 7E -6	3.038 03E- 6	2.630 4E-8	1.293E -8	2. 4 1 4 3 4 E- 7	1.146E -8	9.52 8E-9	1.2206 4E-7	3.81 06E- 8	2. 75 32 3E -1 3	6.58 8E- 9	4. 87 08 1E -5	1.81 318E -5
单 刀 双 掷 天 线 开 关 芯 片  A X	1	3. 33 63 3E -7	3.332 43E- 7	1.891 E-10	2.013E -10	2. 0 9 2 3 E- 9	3.3493 3E-11	7.56 4E-1 0	8.2472 E-9	2.27 53E- 9	6. 84 42 E- 14	1.96 72E -12	4. 79 86 E- 6	2.82 857E -8

A 0 0 0 1 9 1 5 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
A n t e n n a t u r a l R F S w i t c h	5	6. 54 51 1E -5	6.521 49E- 5	2.059 75E- 7	3.025E -8	2. 6 1 8 E- 7	1.0725 E-8	4.92 25E- 8	5.225 E-7	2.13 4E-7	1. 23 10 8E -1 2	3.85 594 E-1 0	2. 07 31 3E -3	2.44 945E -5

R a w M a t e r i a l														
A n t e n n a t u r i n g, R F s w i t c h R a w M a t e r i a l	5	1. 53 86 3E -5	1.519 02E- 5	1.315 2E-7	6.465E -8	1. 2 0 7 1 7 E- 6	5.73E- 8	4.76 4E-8	6.1032 E-7	1.90 53E- 7	1. 37 66 1E -1 2	3.29 4E- 8	2. 43 54 1E -4	9.06 592E -5
天 线 , 射 频 开 关 芯 片 A	5	1. 50 13 5E -6	1.499 59E- 6	8.509 5E-1 0	9.0585 E-10	9. 4 1 5 3 5 E-	1.5072 E-10	3.40 38E- 9	3.7112 4E-8	1.02 388 E-8	3. 07 98 9E -1 3	8.85 241 E-1 2	2. 15 93 7E -5	1.27 286E -7

X A 0 0 0 1 9 2 8 C 1 T r a n s p o r t a t i o n E m i s s i o n s						9								
R F S h i e l d i n g R a w M a t e r i a l	1	5. 33 39 3E -3	5.265 93E- 3	4.559 36E- 5	2.2412 E-5	4. 1 8 4 8 6 E- 4	1.9864 E-5	1.65 152E -5	2.1157 8E-4	6.60 504 E-5	4. 77 22 6E -1 0	1.14 192 E-5	8. 44 27 4E -2	3.14 285E -2

R F 屏 蔽 件	1	1. 01 28 6E -4	1.011 79E- 4	5.813 6E-8	4.9192 E-8	6. 5 7 3 8 4 E- 7	8.5960 8E-9	2.45 96E- 7	2.6832 E-6	7.37 88E- 7	2. 17 45 3E -1 1	4.46 045 E-1 0 -3	1. 47 95 8E -3	7.63 818E -6
B B S h i e l d i n g R	1	1. 32 83 5E -2	1.311 42E- 2	1.135 46E- 4	5.5814 5E-5	1. 0 4 2 1 9	4.9469 E-5	4.112 92E- 5	5.2691 E-4	1.64 491 E-4	1. 18 84 8E -9	2.84 382 E-5	2. 10 25 7E -1	7.82 691E -2

a w M a t e r i a l						E- 3								
B B 屏 蔽 件  B K B 7 A 4 0 0 0 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	2. 52 24 2E -4	2.519 75E- 4	1.447 81E- 7	1.2250 7E-7	1. 6 3 7 1 4 E- 6	2.1407 5E-8	6.12 535E -7	6.6822 E-6	1.83 76E- 6	5. 41 54 2E -1 1	1.11 082 E-9	3. 68 47 2E -3	1.90 22E- 5

5 G P A S h i e l d i n g R a w M a t e r i a l	1	1. 53 86 3E -3	1.519 02E- 3	1.315 2E-5	6.465E -6	1. 2 0 7 1 7 E- 4	5.73E- 6	4.76 4E-6	6.1032 E-5	1.90 53E- 5	1. 37 66 1E -1 0	3.29 4E- 6	2. 43 54 1E -2	9.06 592E -3
5 G P A 屏 蔽 件  B K C 7 A 4 0 0 0 0 C 1 T r a n s p o r	1	2. 92 17 2E -5	2.918 62E- 5	1.677 E-8	1.419E -8	1. 8 9 6 3 E- 7	2.4796 4E-9	7.09 5E-8	7.74E- 7	2.12 85E- 7	6. 27 26 9E -1 2	1.28 667 E-1 0	4. 26 80 2E -4	2.20 332E -6

ta ti o n E m i s s i o n s														
A u d i o S h i e l d i n g R a w M a t e r i a l	1	7. 18 02 9E -4	7.088 75E- 4	6.137 6E-6	3.017E -6	5. 6 3 3 4 6 E- 5	2.674E -6	2.22 32E- 6	2.8481 6E-5	8.89 14E- 6	6. 42 41 9E -1 1	1.53 72E -6	1. 13 65 2E -2	4.23 076E -3
A U D I O 屏 蔽 件  B K C 7 A 4	1	1. 36 34 7E -5	1.362 02E- 5	7.826 E-9	6.622E -9	8. 8 4 9 4 E- 8	1.1571 6E-9	3.311 E-8	3.612 E-7	9.93 3E-8	2. 92 72 6E -1 2	6.00 445 E-1 1	1. 99 17 4E -4	1.02 822E -6

0 0 0 1 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
5 V D C S h i e l d i n g R a w M a t e r i a l	1	1. 48 73 5E -3	1.468 38E- 3	1.271 36E- 5	6.2495 E-6	1. 1 6 6 9 3 E- 4	5.539E -6	4.60 52E- 6	5.8997 6E-5	1.84 179 E-5	1. 33 07 3E -1 0	3.18 42E -6	2. 35 42 3E -2	8.76 372E -3
5 V D	1	2. 82	2.821 34E-	1.621 1E-8	1.3717 E-8	1. 8	2.3969 8E-9	6.85 85E-	7.482 E-7	2.05 755	6. 06	1.24 378	4. 12	2.12 988E

C 屏 蔽 件		43 3E -5	5			3 3 0 9 E- 7		8		E-7	36 E- 12	E-1 0	57 5E -4	-6
B K C 7 A 4 0 0 0 2 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
N F C & W I F I S h i e l	1	4. 41 07 5E -3	4.354 52E- 3	3.770 24E- 5	1.8533 E-5	3. 4 6 0 5 5 E-	1.6426 E-5	1.36 568E -5	1.7495 8E-4	5.46 186 E-5	3. 94 62 9E -1 0	9.44 28E -6	6. 98 15 E- 2	2.59 89E- 2

ding Raw Material						4								
NFC & WiFi Screen BKC7A40003 C1 Transportation	1	8.3756E-5	8.36672E-5	4.8074E-8	4.0678E-8	5.43606E-7	7.1083E-9	2.0339E-7	2.2188E-6	6.1017E-7	1.7981E-1	3.68845E-0	1.2235E-3	6.31618E-6

E m i s s i o n s														
M A G I C P E N S h i e l d i n g R a w M a t e r i a l	1	1. 58 99 2E -3	1.569 65E- 3	1.359 04E- 5	6.6805 E-6	1. 2 4 7 4 1 E- 4	5.921E -6	4.92 28E- 6	6.3066 4E-5	1.96 881 E-5	1. 42 25 E- 10	3.40 38E -6	2. 51 65 9E -2	9.36 811E -3
M A G I C P E N 屏 蔽 件 B K C	1	3. 01 91 1E -5	3.015 91E- 5	1.732 9E-8	1.4663 E-8	1. 9 5 9 5 1 E- 7	2.5622 9E-9	7.33 15E- 8	7.998 E-7	2.19 945 E-7	6. 48 17 8E -1 2	1.32 956 E-1 0	4. 41 02 8E -4	2.27 676E -6

7 A 4 0 0 0 4 C 1 T ra n s p or ta ti o n E m is si o n s														
4 G P A S hi el di n g R a w M at er ia l	1	1. 64 12 1E -3	1.620 28E- 3	1.402 88E- 5	6.896E -6	1. 2 8 7 6 5 E- 4	6.112E -6	5.08 16E- 6	6.5100 8E-5	2.03 232 E-5	1. 46 83 9E -1 0	3.51 36E -6	2. 59 77 7E -2	9.67 031E -3

4 G P A 屏 蔽 件  B K C 7 A 4 0 0 0 5 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	3.	3.113	1.788	1.5136	2.	2.6449	7.56	8.256	2.27	6.	1.37	4.	2.35
		11	2E-5	8E-8	E-8	0	5E-9	8E-8	E-7	04E-	69	245	55	021E
		65				2				7	08	E-1	25	-6
		E-				2					7E	0	5E	
		5				7					-1		-4	
						2					2			
						E-								
						7								
	P M U S h i e l d i	1	3.	3.696	3.200	1.5731	2.	1.3943	1.15	1.4851	4.63	3.	8.01	5.
		74	27E-	32E-	5E-5	9	E-5	924E	1E-4	623	34	54E	92	604E
		40	3	5		3		-5		E-5	97	-6	61	-2
		1E				7					6E		5E	
		-3				4					-1		-2	

n g R a w M a t e r i a l						5 E- 4					0			
P M U 屏 蔽 件  B K C 7 A 4 0 0 0 6 C 1 T r a n s p o r t a t i o n E m i s s i o	1	7. 10 95 2E -5	7.101 99E- 5	4.080 7E-8	3.4529 E-8	4. 6 1 4 3 3 E- 7	6.0337 9E-9	1.72 645E -7	1.8834 E-6	5.17 935 E-7	1. 52 63 5E -1 1	3.13 089 E-1 0	1. 03 85 5E -3	5.36 141E -6

n s														
D R X T O P S h i e l d i n g R a w M a t e r i a l	1	1. 43 60 6E -3	1.417 75E- 3	1.227 52E- 5	6.034E -6	1. 1 2 6 6 9 E- 4	5.348E -6	4.44 64E- 6	5.6963 2E-5	1.77 828 E-5	1. 28 48 4E -1 0	3.07 44E -6	2. 27 30 5E -2	8.46 152E -3
D R X T O P 屏 蔽 件 B K C 7 A 4 0 0 0 8 C	1	2. 72 69 4E -5	2.724 05E- 5	1.565 2E-8	1.3244 E-8	1. 7 6 9 8 8 E- 7	2.3143 3E-9	6.62 2E-8	7.224 E-7	1.98 66E- 7	5. 85 45 1E -1 2	1.20 089 E-1 0	3. 98 34 8E -4	2.05 643E -6

1 T r a n s p o r t a t i o n E m i s s i o n s														
L D O S h i e l d i n g R a w M a t e r i a l	1	1. 28 22 E- 3	1.265 85E- 3	1.096 E-5	5.3875 E-6	1. 0 5 9 8 E- 4	4.775E -6	3.97 E-6	5.086 E-5	1.58 775 E-5	1. 14 71 8E -1 0	2.74 5E- 6	2. 02 95 E- 2	7.55 493E -3
L D O 屏 蔽 件 B K	1	2. 43 47 7E -5	2.432 19E- 5	1.397 5E-8	1.1825 E-8	1. 5 8 0 2 5	2.0663 6E-9	5.91 25E- 8	6.45E- 7	1.77 375 E-7	5. 22 72 4E -1 2	1.07 222 E-1 0 -4	3. 55 66 8E -4	1.83 61E- 6

C 7 A 4 0 0 0 9 C 1 T r a n s p o r t a t i o n E m i s s i o n s						E- 7								
4 G P A - B S h i e l d i n g R a w M a t	1	4. 10 30 2E -4	4.050 71E- 4	3.507 2E-6	1.724E -6	3. 2 1 9 1 2 E- 5	1.528E -6	1.27 04E- 6	1.6275 2E-5	5.08 08E- 6	3. 67 09 7E -1 1	8.78 4E- 7	6. 49 44 2E -3	2.41 758E -3

er ia l														
4 G P A 屏 蔽 件 B B K C 7 A 4 0 0 1 0 C 1 T ra n s p or ta ti o n E m is si o n s	1	7. 79 12 6E -6	7.783 E-6	4.472 E-9	3.784E -9	5. 0 5 6 8 E- 8	6.6123 7E-10	1.89 2E-8	2.064 E-7	5.67 6E-8	1. 67 27 2E -1 2	3.43 111 E-1 1	1. 13 81 4E -4	5.87 552E -7
S hi el di	1	4. 10	4.050 71E-	3.507 2E-6	1.724E -6	3. 2	1.528E -6	1.27 04E-	1.6275 2E-5	5.08 08E-	3. 67	8.78 4E-	6. 49	2.41 758E

n g C o p p e r R a w M a t e r i a l		30 2E -4	4			1 9 1 2 E- 5		6		6	09 7E -1 1	7	44 2E -3	-3
屏 蔽 罩 铜 箔  B L A 7 A 4 0 0 1 4 C O T r a n s p o r t a t i o n E	1	2. 62 53 1E -6	2.622 24E- 6	1.488 E-9	1.584E -9	1. 6 4 6 4 E- 8	2.6355 4E-10	5.95 2E-9	6.4896 E-8	1.79 04E- 8	5. 38 56 E- 13	1.54 796 E-1 1	3. 77 59 4E -5	2.22 576E -7

m i s s i o n s														
P C B A L A B L E R a w M a t e r i a l	1	8. 72 43 E- 5	2.060 57E- 4	-1.19 198E -4	3.84E- 7	1. 1 8 E- 6	7.2E-8	2.68 E-7	2.733 E-6	7.35 E-7	1. 32 67 1E -1 1	8.40 297 E-1 0	2. 77 49 6E -3	1.61 039E -4
主 板 标 签 , P C B A L A B L E , R A V 4 C P	1	7. 82 49 6E -7	7.807 96E- 7	1.18 E-9	5.2E-1 0	4. 3 3 6 E- 9	1.16E- 10	1.3E- 9	1.4304 E-8	4.63 2E-9	1. 52 42 4E -1 3	1.13 588 E-1 1	1. 11 70 8E -5	8.74 16E- 8

G 0 0 0 0 0 4 8 C 0 T r a n s p o r t a t i o n E m i s s i o n s														
主 印 刷 线 路 板  B A B 7 A 4 0 0 0 C	1	4. 84 68 9E -4	4.841 75E- 4	2.782 E-7	2.354E -7	3. 1 4 5 8 E- 6	4.1135 1E-8	1.17 7E-6	1.284 E-5	3.53 1E-6	1. 04 05 9E -1 0	2.13 447 E-9	7. 08 02 8E -3	3.65 512E -5

C 1 T r a n s p o r t a t i o n E m i s s i o n s														
闪 光 灯 板  B A H 7 A 4 0 0 0 C C 1 T r a n s p o r t a t i	1	2. 90 81 3E -5	2.905 05E- 5	1.669 2E-8	1.4124 E-8	1. 8 8 7 4 8 E- 7	2.4681 E-9	7.06 2E-8	7.704 E-7	2.11 86E- 7	6. 24 35 1E -1 2	1.28 068 E-1 0 -4	4. 24 81 7E -4	2.19 307E -6

o n E m i s s i o n s														
普通电容 A B A 1 0 4 K C A X C 4 T r a n s p o r t a t i o n E m i s s i o n s	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

电 容  A B A 1 0 4 M C A 0 C 2 T r a n s p o r t a t i o n E m i s s i o n s	1	1. 47 67 4E -8	1.475 01E- 8	8.37 E-12	8.91E- 12	9. 2 6 1 E- 1 1 1	1.4824 9E-12	3.34 8E-1 1	3.6504 E-10	1.00 71E- 10	3. 02 94 E- 15	8.70 728 E-1 4	2. 12 39 7E -7	1.25 199E -9
电 容  A B A 1 0 4 M C A	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

0 C 7 T r a n s p o r t a t i o n E m i s s i o n s														
电 容  A B A 1 0 4 M C A 0 C 9 T r a n s p o r t a t i o	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

n E m i s s i o n s														
普通电容 A B A 1 0 4 M C A X C 9 T r a n s p o r t a t i o n E m i s s i o n s	1	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0



J A O C 2 T r a n s p o r t a t i o n E m i s s i o n s														
普 通 电 容  A B A 3 3 0 K J A C C 2 T r a n s p	4	6. 49 76 5E -9	6.490 04E- 9	3.682 8E-1 2	3.9204 E-12	4. 0 7 4 8 4 E- 1 1	6.5229 6E-13	1.47 312E -11	1.6061 8E-10	4.43 124 E-11	1. 33 29 4E -1 5	3.83 12E -14	9. 34 54 6E -8	5.50 876E -10

or ta ti o n E m i s s i o n s														
普 通 电 容  A B A 3 3 0 K J A C C 7 T r a n s p o r t a t i o n E m i s s i o	4	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0

n s														
普通电容 A B A 3 3 0 K J A C C D T ra n s p or ta ti o n E m is si o n s	4	0E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0E 0	0E0	0E 0	0E0
C h i p F er rit e	6	2. 74 29 3E	2.743 91E- 4	-3.23 283E -7	2.2311 1E-7	1. 1 5 6	1.0169 E-7	2.70 161E -7	2.8397 3E-6	1.26 885 E-6	1. 38 50 5E	5.01 211 E-1 0	3. 02 46 9E	5.54 605E -5

B e a d s R a w M a t e r i a l		-4				5 3 E- 6					-1 1		-3	
C h i p F e r r i t e B e a d s R a w M a t e r i a l	6	5. 41 69 6E -4	5.367 19E- 4	3.400 5E-6	1.5762 E-6	6. 0 1 3 7 4 E- 5	4.452E -7	1.09 38E- 6	1.1142 3E-5	6.90 9E-6	4. 73 07 E- 11	6.78 E-8	7. 78 24 3E -3	2.21 878E -3
C h i p F e r r i t e B e a d	6	1. 39 04 7E -4	1.327 18E- 4	5.832 6E-6	4.9596 5E-7	1. 3 1 8 4 9 E-	1.6205 8E-7	3.113 86E- 7	3.2661 2E-6	8.26 934 E-7	9. 01 79 9E -1 2	7.58 88E -8	1. 94 79 9E -3	1.79 043E -4

s R a w M a t e r i a l						6								
C h i p F e r r i t e B e a d s R a w M a t e r i a l	6	1. 81 71 2E 0	1.804 86E0	8.871 69E- 3	3.3907 5E-3	1. 7 1 3 7 4 E- 2	6.5250 6E-3	4.23 58E- 3	5.0155 9E-2	1.15 63E- 2	1. 02 96 E- 7	2.43 124 E-3	2. 37 32 5E 1	7.01 787E -1
C h i p F e r r i t e B e a d s R a w	6	1. 22 15 7E -5	1.221 57E- 5	4.950 59E- 7	1.8678 2E-8	4. 1 5 3 7 7 E- 7	3.2901 1E-8	2.46 758E -8	3.1753 E-7	1.03 33E- 7	6. 14 53 1E -1 3	9.08 208 E-9	1. 52 67 9E -4	1.12 445E -5

M a t e r i a l														
磁 珠  A D A 6 0 0 0 0 2 C 1 T r a n s p o r t a t i o n E m i s s i o n s	6	1. 56 04 9E -5	1.558 66E- 5	8.844 67E- 9	9.4153 E-9	9. 7 8 6 2 E- 8	1.5665 7E-9	3.53 787E -8	3.8574 2E-7	1.06 421 E-7	3. 20 12 E- 12	9.20 108 E-1 1	2. 24 44 2E -4	1.32 299E -6
B T B C o n n	1	4. 63 55 8E -5	4.518 33E- 5	-2.37 629E -6	3.5488 3E-6	2. 0 2 4 6	9.792E -9	4.80 96E- 8	4.0358 4E-7	4.32 384 E-7	5. 57 31 6E -1	3.96 097 E-1 0	8. 24 76 4E -4	2.84 576E -5

e c t o r ( S o c k e t ) R a w M a t e r i a l						4 E- 7					2			
B T B C o n n e c t o r ( S o c k e t ) R a w M a t e r i a l	1	3. 70 69 2E -6	3.706 92E- 6	1.502 28E- 7	5.668E -9	1. 2 6 0 4 8 E- 7	9.984E -9	7.48 8E-9	9.6356 E-8	3.13 56E- 8	1. 86 48 2E -1 3	2.75 6E- 9	4. 63 31 2E -5	3.41 219E -6

板 对 板 连 接 器 ( 插 座 ) A R C 0 3 0 0 0 3 0 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	8. 09 47 1E -7	8.085 24E- 7	4.588 E-10	4.884E -10	5. 0 7 6 4 E- 9	8.1262 5E-11	1.83 52E- 9	2.0009 6E-8	5.52 04E- 9	1. 66 05 6E -1 3	4.77 288 E-1 2 -5	1. 16 42 5E -5	6.86 276E -8
S I M C a r	1	1. 40 21	1.390 77E- 3	9.956 8E-6	1.3748 E-6	8. 0 2	4.76E- 7	1.39 44E- 6	1.4887 6E-5	4.62 28E- 6	6. 31 90	3.92 E-8	1. 53 55	5.33 089E -4

d C o n n e c t o r R a w M a t e r i a l		E- 3				7 6 E- 6					1E -1 1		4E -2	
S I M 卡 卡 座  A R D 0 0 6 0 1 7 0 C 1 T r a n s p o r t a t i o	1	1. 53 14 3E -5	1.529 64E- 5	8.68 E-9	9.24E- 9	9. 6 0 4 E- 8	1.5374 E-9	3.47 2E-8	3.7856 E-7	1.04 44E- 7	3. 14 16 E- 12	9.02 978 E-1 1	2. 20 26 3E -4	1.29 836E -6

n E m i s s i o n s														
S I M C a r d C o n n e c t o r R a w M a t e r i a l	1	1. 40 21 E- 3	1.390 77E- 3	9.956 8E-6	1.3748 E-6	8. 0 2 7 6 E- 6	4.76E- 7	1.39 44E- 6	1.4887 6E-5	4.62 28E- 6	6. 31 90 1E -1 1	3.92 E-8	1. 53 55 4E -2	5.33 089E -4
S I M 卡 卡 座  A R D 0 0 6 0 1	1	1. 53 14 3E -5	1.529 64E- 5	8.68 E-9	9.24E- 9	9. 6 0 4 E- 8	1.5374 E-9	3.47 2E-8	3.7856 E-7	1.04 44E- 7	3. 14 16 E- 12	9.02 978 E-1 1	2. 20 26 3E -4	1.29 836E -6

7 1 C 1 T r a n s p o r t a t i o n E m i s s i o n s														
R F C o n n e c t o r R a w M a t e r i a l	2	4. 51 33 3E -4	4.455 78E- 4	3.857 92E- 6	1.8964 E-6	3. 5 4 1 0 3 E- 5	1.6808 E-6	1.39 744E -6	1.7902 7E-5	5.58 888 E-6	4. 03 80 6E -1 1	9.66 24E -7	7. 14 38 6E -3	2.65 934E -3
R F C o n n	2	7. 92 50 2E	7.870 98E- 4	3.893 12E- 6	1.5097 6E-6	6. 0 6 0	4.8540 8E-6	3.03 072E -6	4.2422 2E-5	1.15 965 E-5	4. 46 34 E-	1.59 824 E-6	9. 55 78 4E	1.01 705E -3

e c t o r R a w M a t e r i a l		-4				7 7 E- 5					11		-3	
R F 连 接 器  A R F 0 0 0 0 5 4 C 1 T r a n s p o r t a t i o n E m i s s i o	2	2. 57 06 2E -5	2.567 61E- 5	1.457 E-8	1.551E -8	1. 6 1 2 1 E- 7	2.5806 3E-9	5.82 8E-8	6.3544 E-7	1.75 31E- 7	5. 27 34 E- 12	1.51 571 E-1 0 8E	3. 69 72 -6 8E	2.17 939E

n s														
R F c a b l e c l i p R a w M a t e r i a l	1	2. 16 78 E- 4	2.149 09E- 4	1.391 18E- 6	4.7918 E-7	1. 5 2 9 6 1 E- 5	1.2163 8E-6	7.91 92E- 7	1.0843 7E-5	2.97 958 E-6	1. 24 66 4E -1 1	3.79 62E -7	-1. 09 10 2E -3	2.82 481E -4
R F c a b l e c l i p R a w M a t e r i a l	1	5. 62 26 7E -4	5.589 21E- 4	2.737 05E- 6	6.1131 E-7	2. 6 6 0 3 7 E- 6	1.5549 E-7	5.36 76E- 7	5.4932 7E-6	1.74 447 E-6	2. 48 55 4E -1 1	8.08 152 E-9	1. 18 15 9E -2	3.23 666E -4
同 轴 线 夹  A R M O	1	1. 37 28 2E -5	1.371 21E- 5	7.781 E-9	8.283E -9	8. 6 0 9 3 E-	1.3781 7E-9	3.112 4E-8	3.3935 2E-7	9.36 23E- 8	2. 81 62 2E -1 2	8.09 455 E-1 1	1. 97 45 E- 4	1.16 389E -6

0 0 0 1 2 9 C 1 T r a n s p o r t a t i o n E m i s s i o n s						8								
A n t e n n a S p r i n g R a w M a t e r i a l	4	1. 34 18 6E -3	1.332 61E- 3	8.309 87E- 6	9.4764 8E-7	8. 0 9 3 0 9 E- 6	6.6041 6E-7	1.35 048E -6	1.4064 6E-5	4.92 973 E-6	1. 63 98 E- 10	5.98 4E- 9	1. 41 50 4E -2	4.45 859E -4



w M a t e r i a l														
弹 片  A R N 0 0 1 0 0 1 9 C 1 T r a n s p o r t a t i o n E m i s s i o n s	2	8. 53 22 6E -7	8.522 28E- 7	4.836 E-10	5.148E -10	5. 3 5 0 8 E- 9	8.5655 1E-11	1.93 44E- 9	2.1091 2E-8	5.81 88E- 9	1. 75 03 2E -1 3	5.03 088 E-1 2	1. 22 71 8E -5	7.23 372E -8
A n t e n n a	10	3. 90 58 5E	3.874 28E- 4	2.773 68E- 6	3.8298 E-7	2. 2 3 6	1.326E -7	3.88 44E- 7	4.1472 6E-6	1.28 778 E-6	1. 76 03 E-	1.09 2E- 8	4. 27 75 9E	1.48 503E -4

S p r i n g R a w M a t e r i a l		-4				2 6 E- 6					11		-3	
天 线 弹 片  A R N 0 0 1 0 0 5 1 C 1 T r a n s p o r t a t i o n E m i s s i o	10	4. 26 61 3E -6	4.261 14E- 6	2.418 E-9	2.574E -9	2. 6 7 5 4 E- 8	4.2827 5E-10	9.67 2E-9	1.0545 6E-7	2.90 94E- 8	8. 75 16 E- 13	2.51 544 E-1 1	6. 13 59 1E -5	3.61 686E -7



o n s														
天 线 ， 射 频 开 关 芯 片  A X A 0 0 0 1 8 8 6 C 1 T r a n s p o r t a t i o n E m i s s i o n s	1	1. 63 26 9E -7	1.630 74E- 7	9.3E- 11	9.9E-1 1	6. 5 4 E- 1 0	1.6417 E-11	1.74 E-10	1.902 E-9	5.88 E-10	3. 31 67 4E -1 4	9.66 96E -13	2. 32 96 7E -6	1.38 69E- 8

天线，射频开关芯片	1	1.0926E-7	6.2E-11	6.6E-11	6.8E-10	1.09814E-11	2.48E-10	2.704E-9	7.46E-10	2.24E-14	6.44984E-13	1.5731E-6	9.274E-9
AXA0001888C1TransporationEmissionS	1	6.41583E-5	2.6001E-6	9.81E-8	2.18	1.728E-7	1.296E-7	1.6677E-6	5.427E-7	3.2275	4.77E-8	8.0188	5.90571E-5

B s t e l R a w M a t e r i a l		3E -5				1 6 E- 6					8E -1 2		6E -4	
小 板 补 强 片  B K C 7 A 4 0 0 0 7 C 1 T r a n s p o r t a t i o n E m i s s i	1	8. 76 51 6E -6	8.755 88E- 6	5.031 E-9	4.257E -9	5. 6 8 8 9 E- 8	7.4389 1E-10	2.12 85E- 8	2.322 E-7	6.38 55E- 8	1. 88 18 1E -1 2	3.86 E-1 1	1. 28 04 E- 4	6.60 996E -7

o n s														
P C B A L A B L E R a w M a t e r i a l	1	8. 72 43 E- 5	2.060 57E- 4	-1.19 198E -4	3.84E- 7	1. 1 8 E- 6	7.2E-8	2.68 E-7	2.733 E-6	7.35 E-7	1. 32 67 1E -1 1	8.40 297 E-1 0	2. 77 49 6E -3	1.61 039E -4
主 板 标 签 , P C B A L A B L E , R A V 4 C P G 0 0	1	7. 82 49 6E -7	7.807 96E- 7	1.18 E-9	5.2E-1 0	4. 3 3 6 E- 9	1.16E- 10	1.3E- 9	1.4304 E-8	4.63 2E-9	1. 52 42 4E -1 3	1.13 588 E-1 1	1. 11 70 8E -5	8.74 16E- 8

0 0 0 4 8 C 0 T ra n s p or ta ti o n E m is si o n s														
R F C o n n e c t o r R a w M a t e r i a l	1	2. 25 66 6E -4	2.227 89E- 4	1.928 96E- 6	9.482E -7	1. 7 7 0 5 2 E- 5	8.404E -7	6.98 72E- 7	8.9513 6E-6	2.79 444 E-6	2. 01 90 3E -1 1	4.83 12E -7	3. 57 19 3E -3	1.32 967E -3
R F C	1	3. 96	3.935 49E-	1.946 56E-	7.5488 E-7	3. 0	2.4270 4E-6	1.51 536E	2.1211 1E-5	5.79 824	2. 23	7.99 12E	4. 77	5.08 523E

o n n e c t o r R a w M a t e r i a l		25 1E -4	4	6		3 0 3 8 E- 5		-6		E-6	17 E- 11	-7	89 2E -3	-4
R F 连 接 器  A R F 0 0 0 0 5 4 C 1 T ra n s p o r t a t i o n E m	1	1. 28 53 1E -5	1.283 8E-5	7.285 E-9	7.755E -9	8. 0 6 0 5 E- 8	1.2903 2E-9	2.91 4E-8	3.1772 E-7	8.76 55E- 8	2. 63 67 E- 12	7.57 856 E-1 1	1. 84 86 4E -4	1.08 97E- 6

is si o n s														
A n t e n n a S p r i n g R a w M a t e r i a l	2	7. 81 17 E- 5	7.748 57E- 5	5.547 36E- 7	7.6596 E-8	4. 4 7 2 5 2 E- 7	2.652E -8	7.76 88E- 8	8.2945 2E-7	2.57 556 E-7	3. 52 05 9E -1 2	2.18 4E- 9	8. 55 51 8E -4	2.97 007E -5
弹 片  A R N 0 0 1 0 0 1 9 C 1 T r a n s p o r	2	8. 53 22 6E -7	8.522 28E- 7	4.836 E-10	5.148E -10	5. 3 5 0 8 E- 9	8.5655 1E-11	1.93 44E- 9	2.1091 2E-8	5.81 88E- 9	1. 75 03 2E -1 3	5.03 088 E-1 2	1. 22 71 8E -5	7.23 372E -8

ta ti o n E m i s s i o n s														
小 板 P C B B A H 7 A 4 0 0 2 C C 1 T r a n s p o r t a t i o n E m i s s i o n	1	1. 71 05 5E -3	1.708 55E- 3	9.695 25E- 7	1.0320 8E-6	1. 0 7 2 7 3 E- 5	1.7172 2E-7	3.87 81E- 6	4.2283 8E-5	1.16 656 E-5	3. 50 90 6E -1 0	1.00 859 E-8	2. 46 02 6E -2	1.45 022E -4

s														
用戶手冊，Raw Material	1	1.74486E-2	4.12114E-2	-2.38396E-2	7.68E-5	2.36E-4	1.44E-5	5.36E-5	5.466E-4	1.47E-4	2.65342E-9	1.68059E-7	5.54993E-1	3.22078E-2
用戶手冊，CJB7A4001AATransportationE	1	4.151674E-3	4.15188E-3	2.356E-6	2.508E-6	2.6068E-5	4.17294E-7	9.424E-6	1.02752E-4	2.8348E-5	8.5272E-10	2.45094E-8	5.9785E-2	3.52412E-4

m i s s i o n s														
彩盒 (充电器款) Raw Material	1	1. 68 37 9E -1	3.976 9E-1	-2.30 052E -1	7.4112 E-4	2. 2 7 7 4 E- 3	1.3896 E-4	5.17 24E- 4	5.2746 9E-3	1.41 855 E-3	2. 56 05 5E -8	1.62 177 E-6	5. 35 56 8E 0	3.10 805E -1
彩盒 (充电器款) CKA7A40003CATra	1	6. 33 35 7E -3	6.326 15E- 3	3.589 8E-6	3.8214 E-6	3. 9 7 1 9 4 E- 5	6.3582 4E-7	1.43 592E -5	1.5656 2E-4	4.31 934 E-5	1. 29 92 8E -9	3.73 446 E-8	9. 10 94 6E -2	5.36 965E -4

n s p o r t a t i o n E m i s s i o n s														
T o p S p e a k e r B O X R a w M a t e r i a l	1	9. 03 61 E- 4	9.039 35E- 4	-1.06 5E-6	7.35E- 7	3. 8 1 E- 6	3.35E- 7	8.9E- 7	9.355 E-6	4.18 E-6	4. 56 28 E- 11	1.65 116 E-9	9. 96 43 3E -3	1.82 705E -4
T o p S p e a k e r	1	2. 84 00 2E -6	2.710 75E- 6	1.191 3E-7	1.013E -8	2. 6 9 3 E- 8	3.31E- 9	6.36 E-9	6.671 E-8	1.68 9E-8	1. 84 19 1E -1 3	1.55 E-9	3. 97 87 4E -5	3.65 692E -6

B O X R a w M a t e r i a l														
T o p S p e a k e r B O X R a w M a t e r i a l	1	5. 42 16 6E -4	5.423 61E- 4	-6.39 E-7	4.41E- 7	2. 2 8 6 E- 6	2.01E- 7	5.34 E-7	5.613 E-6	2.50 8E-6	2. 73 76 8E -1 1	9.90 693 E-1 0	5. 97 86 E- 3	1.09 623E -4
T o p S p e a k e r B O X R	1	7. 83 28 2E -4	7.812 16E- 4	-4.8E -8	2.116E -6	6. 0 3 E- 6	2.006E -6	2.01 4E-6	1.9898 E-5	5.43 2E-6	1. 03 76 5E -1 0	2.14 E-7	9. 44 18 5E -3	1.60 278E -3

a w M a t e r i a l														
T o p S p e a k e r B O X R a w M a t e r i a l	1	4. 51 80 5E -4	4.519 68E- 4	-5.32 5E-7	3.675E -7	1. 9 0 5 E- 6	1.675E -7	4.45 E-7	4.6775 E-6	2.09 E-6	2. 28 14 E- 11	8.25 578 E-1 0	4. 98 21 6E -3	9.13 525E -5
T o p S p e a k e r B O X R a w M a t e r i a l	1	2. 24 89 5E -3	2.252 3E-3	-6.34 2E-6	3E-6	1. 4 4 2 4 E- 5	6.72E- 7	2.40 9E-6	2.5164 E-5	7.22 5E-6	6. 64 15 2E -1 1	1.94 347 E-9	2. 02 54 6E -2	3.09 123E -4

er ia l														
T o p S p e a k e r B O X R a w M a t e r i a l	1	1. 06 93 E- 4	1.069 3E-4	4.333 5E-6	1.635E -7	3. 6 3 6 E- 6	2.88E- 7	2.16 E-7	2.7795 E-6	9.04 5E-7	5. 37 93 E- 12	7.95 E-8	1. 33 64 8E -3	9.84 285E -5
T o p S p e a k e r B O X R a w M a t e r i a l	1	1. 25 18 8E -4	1.241 76E- 4	8.89 E-7	1.2275 E-7	7. 1 6 7 5 E- 7	4.25E- 8	1.24 5E-7	1.3292 5E-6	4.12 75E- 7	5. 64 19 8E -1 2	3.5 E-9	1. 37 10 2E -3	4.75 972E -5

T o p S p e a k e r B O X R a w M a t e r i a l	1	1. 48 96 5E -3	1.486 65E- 3	2.922 E-6	7.5E-8	5. 5 2 3 E- 6	3.3E-8	1.28 1E-6	1.2643 5E-5	4.33 95E- 6	3. 51 89 1E -1 2	9.83 318 E-9	1. 70 29 6E -2	4.45 233E -4
T o p S p e a k e r B O X R a w M a t e r i a l	1	1. 03 86 8E -2	9.725 82E- 3	6.474 54E- 4	1.3537 5E-5	1. 2 2 8 3 5 E- 4	2.4339 E-5	2.79 49E- 5	3.7707 4E-4	8.24 885 E-5	6. 54 85 6E -1 0	2.56 025 E-5	1. 24 42 3E -1	9.51 027E -3
T o p S	1	1. 53 49	1.530 32E- 3	3.446 4E-6	1.1552 E-6	7. 5 6	3.744E -7	1.34 72E- 6	1.3568 E-5	5.48 48E- 6	1. 33 80	2.05 272 E-8	3. 12 56	8.04 109E -4

p e a k e r B O X R a w M a t e r i a l		2E -3				8 E- 6					7E -1 0		9E -2	
T o p S p e a k e r B O X R a w M a t e r i a l	1	9. 90 26 6E -4	9.846 31E- 4	4.679 42E- 6	9.5385 6E-7	4. 2 9 2 3 5 E- 6	2.5113 6E-7	9.23 904E -7	8.3796 5E-6	4.34 074 E-6	3. 56 37 1E -9	8.93 302 E-9	1. 99 01 2E -2	5.31 795E -4
T o p S p e a k	1	2. 37 91 9E -4	2.369 33E- 4	7.947 6E-7	1.9092 E-7	1. 0 3 6 7	4.662E -8	1.96 84E- 7	2.0216 8E-6	7.38 52E- 7	1. 12 29 4E -9	2.70 548 E-9	5. 28 44 4E -3	1.22 638E -4

er B O X R a w M a t e r i a l						4 E- 6								
上 喇 叭 B O X B S A 7 A 4 0 0 0 0 C O T r a n s p o r t a t i o n E m i s s i	1	2. 25 77 7E -3	2.255 13E- 3	1.279 68E- 6	1.3622 4E-6	1. 4 1 5 9 1 E- 5	2.2665 7E-7	5.118 73E- 6	5.5810 7E-5	1.53 975 E-5	4. 63 16 2E -1 0	1.33 125 E-8	3. 24 73 2E -2	1.91 416E -4

o n s														
B o t t o m S p e a k e r B O X R a w M a t e r i a l	1	9. 03 61 E- 4	9.039 35E- 4	-1.06 5E-6	7.35E- 7	3. 8 1 E- 6	3.35E- 7	8.9E- 7	9.355 E-6	4.18 E-6	4. 56 28 E- 11	1.65 116 E-9	9. 96 43 3E -3	1.82 705E -4
B o t t o m S p e a k e r B O X R a w M a t e r i a l	1	2. 84 00 2E -6	2.710 75E- 6	1.191 3E-7	1.013E -8	2. 6 9 3 E- 8	3.31E- 9	6.36 E-9	6.671 E-8	1.68 9E-8	1. 84 19 1E -1 3	1.55 E-9	3. 97 87 4E -5	3.65 692E -6

I														
Bottom Speaker Box Raw Material	1	5.423 61E-4	-6.39 E-7	4.41E-7	2.2 8	2.01E-7	5.34 E-7	5.613 E-6	2.50 8E-6	2.73 76	9.90 E-1	5.97 86	1.09 -4	
Bottom Speaker Box Raw Material	1	1.171 82E-3	-7.2E-8	3.174E-6	9.0 4	3.009E-6	3.02 1E-6	2.9847 E-5	8.14 8E-6	1.55 64	3.21 E-7	1.41 62	2.40 -3	



I														
Bottom Speaker Box Raw Material	1	1.02576E-3	1.01268E-3	8.768E-6	4.31E-6	8.0478E-5	3.82E-6	3.176E-6	4.0688E-5	1.2702E-5	9.1742E-1	2.196E-6	1.6236E-2	6.04394E-3
Bottom Speaker Box Raw Material	1	2.003E-4	1.98681E-4	1.4224E-6	1.964E-7	1.4468E-6	6.8E-8	1.992E-7	2.1268E-6	6.604E-7	9.02716E-2	5.6E-9	2.19364E-3	7.61556E-5

I														
B o t t o m S p e a k e r B O X R a w M a t e r i a l	1	5. 38 62 4E -4	5.374 9E-4	9.104 E-7	2.256E -7	3. 1 8 8 8 E- 6	9.6E-8	1.63 68E- 6	9.0816 E-6	1.30 08E- 6	1. 87 42 1E -1 1	4.64 162 E-9	1. 05 61 9E -2	2.63 853E -4
B o t t o m S p e a k e r B O X R a w M a t e r i a l	1	2. 15 84 8E -3	2.152 01E- 3	4.846 5E-6	1.6245 E-6	1. 0 6 4 2 5 E- 5	5.265E -7	1.89 45E- 6	1.908 E-5	7.71 3E-6	1. 88 16 6E -1 0	2.88 664 E-8	4. 39 55 E- 2	1.13 078E -3

I														
Bottom Speaker Box Raw Material	1	1.54729E-3	1.53849E-3	7.3116E-6	1.4904E-6	6.7068E-6	3.924E-7	1.4436E-6	1.30932E-5	6.7824E-6	5.5683E-9	1.39578E-8	3.95956E-2	8.3093E-4
Bottom Speaker Box Raw Material	1	5.43355E-4	5.41104E-4	1.81506E-6	4.3602E-7	2.36769E-6	1.0647E-7	4.4957E-7	4.61708E-6	1.68662E-6	2.56456E-9	6.17872E-9	1.68685E-2	2.80079E-4

I														
下喇叭BOXBSA7A40001COTransportationEmissions	1	2.796 79 92 9E -3	1.586 02E- 3 6	1.6889 61E- 6	7E-6	1.28102 7 5 5 5 1 E- 5	6.34 E-7 -6	6.9196 7E-5	1.90 905 E-5	5. 74 25 1E -1 0	1.65 055 E-8	4. 02 61 8E -2	2.37 326E -4	

Table 3-4 Model: T807W Product Manufacturing Detailed Emission Data

P r o c e s s N a m e	Qu an t i t y	G W P (k g C O 2 e q )	GWP -foss il (kgC O2 e q)	GWP -biog enic (kgC O2 e q)	GWP-I and use and land use chang e (kgCO 2 e q)	A P ( m o l H + e q)	EP-fre shwat er (kg P e q)	EP-mari ne (kg P e q)	EP-ter restria l (kg P e q)	POC P (kg NMV OC e q)	O D P (k g C F C 11 e q )	AD P non foss il (kg Sb e q)	A D P foss il (M J)	WDP (m3)
E l e c t r i c i t y , l o w v o l t a g e - C N	1. 10 09 92 35 06 82 38 2	1. 2 0 7 2 6 E 0	1.21 408 E0	-6.9 692 8E-3	1.541 39E-4	6. 3 9 6 7 7 E - 3	2.312 08E-4	1.35 422 E-3	1.439 E-2	3.7 323 6E- 3	6. 3 6 1 9 9 E- 9	3.6 56 86 E-6	1. 0 7 1 5 2 E 1	1.31 018 E-1
T a p w a t e r - G L O	0	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0

Table 3-5 Model: T807W Product Distribution Detailed Emission Data

P r o c e s s N a m e	Qu a n t i t y	G W P (k g C O 2 e q )	GWP -fossil (kgC O2 eq)	GWP -biogenic (kgC O2 eq)	GWP-I and use and land use change (kgCO 2 eq)	A P ( m o l H + e q)	EP-freshwater (kg P eq)	EP-marine (kg P eq)	EP-terrestrial (kg P eq)	POC P (kg NMV OC eq)	O D P (k g C F C 11 eq )	A D P non fossil (kg Sb eq)	A D P fossil (M J)	WDP (m3)
T r a n s p o r t , f r e i g h t , l o r r y 1 6 - 3 2 m e t r i c t o n , E U R O I I I	10 0 %	3. 8 5 0 6 1 E- 3	3.84 684 E-3	2.21 72E- 6	1.556 02E-6	2. 6 1 6 3 E - 5	2.901 96E-7	9.97 74E -6	1.095 3E-4	3.0 153 9E- 5	8. 5 6 2 3 2 E- 1 0	1.3 12 5E- 8	5. 7 2 0 8 2 E- 2	2.72 272 E-4

T r a n s p o r t , f r e i g h t , a i r c r a f t, u n s p e c i f i e d - G L O	10 0 %	1. 7 0 8 0 7 E 0	1.70 742 E0	5.60 325 E-4	9.759 85E-5	8. 8 3 0 7 2 E - 3	2.201 9E-5	3.22 747 E-3	3.536 77E- 2	9.1 669 2E- 3	3. 8 8 6 E- 7	4.3 93 51 E-7	2. 3 9 2 4 2 E 1	2.98 317 E-2
T r a n s p o r t , f r e i g	10 0 %	4. 1 8 5 4 5 E- 3	4.18 135 E-3	2.41 E-6	1.691 33E-6	2. 8 4 3 8 E - 5	3.154 3E-7	1.08 45E -5	1.190 54E- 4	3.2 776 E-5	9. 3 0 6 8 7 E- 1	1.4 26 63 E-8	6. 2 1 8 2 8 E- 2	2.95 948 E-4

ht , lo rr y 1 6 - 3 2 m et ri c to n, E U R O III											0			
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Table 3-6 Model: T807W Use Phase Detailed Emission Data

P r o c e s s N a m e	Qu an t i t y	G W P (k g C O 2 e q )	GWP -foss il (kgC O2 e q)	GWP -biog enic (kgC O2 e q)	GWP-I and use and land use chang e (kgCO 2 e q)	A P ( m ol H + e q)	EP-fre shwat er (kg P e q)	EP- mari ne (kg P e q)	EP-ter restria l (kg P e q)	POC P (kg NMV OC e q)	O D P (k g C F C 11 e q )	AD P non foss il (kg Sb e q)	A D P foss il (M J)	WDP (m3)
E le ct ri ci ty , lo w v ol	10 0 %	2. 0 0 6 8 7 E	1.84 322 E1	1.63 307 E0	3.253 31E-3	9. 0 2 9 4 6 E	4.742 25E-3	1.31 073 E-2	1.485 49E- 1	4.2 234 6E- 2	2. 5 2 6 5 6 E-	1.8 117 2E- 4	2. 81 1 3 2 E 2	1.45 156 E1

ta g e - l i t	1				- 2					6			
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Table 3-7 Model: T807W End-of-Life Treatment Detailed Emission Data

P r o c e s s N a m e	Qu an t i t y	G W P (k g C O 2 e q )	GWP -foss il (kgC O2 e q)	GWP -foss il (kgC O2 e q)	GWP- bioge nic (kgCO 2 e q)	A P ( m o l H + e q)	EP-fre shwat er (kg P e q)	EP- mari ne (kg P e q)	EP-ter restria l (kg P e q)	POC P (kg NMV OC e q)	O D P (k g C F C 11 e q )	AD P non foss sil (kg Sb e q)	A D P foss il (M J)	WDP (m3)
Dis p o s a l t r a n s p o r t T r a n s p o r t , fr ei g h t	10 0 %	5. 1 8 4 9 9 E- 3	5.17 892 E-3	2.93 88E- 6	3.128 4E-6	3. 2 5 1 6 4 E - 5	5.205 19E-7	1.17 552 E-5	1.281 7E-4	3.5 360 4E- 5	1. 0 6 3 6 6 E- 9	3.0 57 22 E-8	7. 4 5 7 4 9 E- 2	4.39 588 E-4

, lo rr y 3. 5 - 7. 5 m e t r i c t o n, E U R O I I I														
	R e c y c l i n g R e c y c l e d S t e l s	1 1. 2 4 6 0 5 E- 5	1.23 816 E-5	3.17 399 E-8	7.233 72E-8	7. 7 1 5 9 7 E - 8	1.272 56E-9	2.80 916 E-8	3.032 93E- 7	8.6 134 1E- 8	2. 4 1 6 5 2 E- 1 2	4.4 17 25 E-1 1 7	1. 8 1 0 7 2 E- 4	1.26 182 E-6
R e c y c l i n	1 4. 2 8 2	4.24 812 E-5	1.04 418 E-7	2.468 4E-7	3. 3 3 2	4.166 91E-9	1.12 872 E-7	1.221 86E- 6	3.4 557 6E- 7	8. 1 9 7	1.4 39 97 E-1	6. 1 2 5	4.07 286 E-6	

g R e c y c l e d O t h e r f e r r o u s m e t a l s		6 7 E- 5				3 4 E - 7					8 6 E- 1 2	0	4 6 E- 4	
R e c y c l i n g R e c y c l e d P P	1	7. 6 4 7 1 7 E- 4	7.61 602 E-4	1.35 408 E-6	1.692 6E-6	4. 4 0 0 7 6 E - 6	1.575 89E-7	1.28 638 E-6	1.360 85E- 5	3.9 268 3E- 6	1. 2 2 1 9 4 E- 1 0	1.0 75 07 E-8	9. 3 9 71 1 E- 3	1.69 531 E-4
R e c y c l i n g	1	1. 1 7 7 5	1.17 278 E-3	2.08 512 E-6	2.606 4E-6	6. 7 7 6 6	2.426 68E-7	1.98 086 E-6	2.095 55E- 5	6.0 468 5E- 6	1. 8 8 1 6	1.6 55 48 E-8	1. 4 4 7 0	2.61 057 E-4

R e c y c l e d O t h e r p l a s t i c s		7 E- 3				4 E - 6					3 E- 1 0		4 E- 2	
R e c y c l i n g R e c y c l e d G l a s s	1	2. 5 1 6 7 8 E- 4	1.34 002 E-4	1.17 191 E-4	4.868 43E-7	7. 0 4 5 2 E - 7	2.201 6E-8	3.33 322 E-7	2.526 5E-6	8.5 200 9E- 7	1. 4 9 0 5 9 E- 1 1	4.4 45 65 E-1 0	1. 4 3 8 1 6 E- 3	5.77 208 E-5
R e c y c l i n g R e c y c l e d	1	3. 5 5 6 5 7 E-	3.54 59E- 5	1.70 455 E-8	7.341 4E-8	2. 0 0 2 2 E -	1.677 18E-8	3.77 218 E-8	4.071 14E- 7	1.0 678 4E- 7	1. 5 9 6 5 1 E-	5.2 35 77 E-1 0	4. 5 9 8 8 5 E-	1.08 653 E-5

Y c l e d P C B s ( s u p p o r t )		5				7					1 2		4	
R e c y c l i n g R e c y c l e d P C B s ( m e t a l s )	1	1. 4 1 6 0 2 E- 4	1.41 177 E-4	6.78 654 E-8	2.922 92E-7	7. 9 7 1 6 E - 7	6.677 57E-8	1.50 187 E-7	1.620 89E- 6	4.2 515 2E- 7	6. 3 5 6 3 9 E- 1 2	2.0 84 58 E-9	1. 8 3 1 E- 3	4.32 592 E-5
I n c i n e r a t i o	1	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0

n S t e l s I n c i n e r a t i o n														
In c i n e r a t i o n O t h e r f e r r o u s m e t a l s I n c i n e r a t i o n	1	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0

In ci n e r a t i o n P P I n c i n e r a t i o n	1	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0
In ci n e r a t i o n O t h e r p l a s t i c s I n c i n e r a t i o n	1	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0

In ci n e r a t i o n G l a s s I n c i n e r a t i o n	1	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0
In ci n e r a t i o n P C B s ( s u p p o r t ) I n c i n e r	1	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0

at ion														
In ci n e r a t i o n P C B s ( m e t a l s) I n c i n e r a t i o n	1	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0
L a n d f i l l i n g S t e e l s L a n d f i l l	1	2. 0 8 2 0 1 E- 5	2.07 807 E-5	2.25 35E- 8	1.912 29E-8	1. 9 5 2 7 5 E - 7	1.901 14E-9	6.78 838 E-8	7.492 08E- 7	2.1 623 2E- 7	8. 4 0 0 6 3 E- 1 2	4.7 36 49 E-1 1 4	5. 8 0 0 4 5 E- 4	2.66 955 E-5

L a n d f i l l i n g O t h e r f e r r o u s m e t a l s L a n d f i l l	1	6. 5 1 6 5 8 E- 6	6.50 423 E-6	7.05 333 E-9	5.985 38E-9	6. 1 1 9 9 E - 8	5.950 47E-1 0	2.12 472 E-8	2.344 98E- 7	6.7 679 6E- 8	2. 6 2 9 3 5 E- 1 2	1.4 82 5E- 11	1. 8 1 5 1 E- 4	8.35 553 E-6
L a n d f i l l i n g P P L a n d f i l l	1	8. 5 7 4 7 1 E- 4	8.56 659 E-4	7.44 744 E-7	7.384 54E-8	6. 1 5 8 2 5 E - 7	1.056 91E-8	2.77 586 E-6	2.301 94E- 6	8.1 244 8E- 7	2. 1 7 2 6 E- 1 1	2.3 87 62 E-1 0	1. 6 9 3 0 7 E- 3	7.64 378 E-5
L a n d f i l l	1	1. 2 2	1.22 084 E-3	8.04 24E- 7	1.229 14E-7	1. 0 0	1.836 96E-8	2.23 108 E-5	3.648 96E- 6	1.2 510 7E- 6	3. 3 6	3.8 83 24	2. 6 6	1.19 269 E-4

in g O th e r p l a s t i c s L a n d f i ll		1 7 8 E- 3				1 4 6 E - 6				6	0 7 2 E- 1 1	E-1 0	4 8 9 E- 3	
L a n d f i ll i n g G l a s s L a n d f i ll	1	9. 1 3 4 2 6 E- 5	9.03 709 E-5	8.99 702 E-7	8.207 51E-8	8. 1 2 9 0 7 E - 7	9.157 77E-9	2.87 618 E-7	3.109 54E- 6	9.0 276 E-7	3. 0 6 4 8 8 E- 1 1	2.9 42 87 E-1 0	2. 2 4 9 2 6 E- 3	1.05 238 E-4
L a n d f i ll i n g P C B s( s	1	9. 0 7 1 3 E- 5	9.06 196 E-5	8.67 62E- 8	7.505 25E-9	6. 3 0 2 4 E -	2.856 47E-8	3.03 667 E-6	2.335 9E-7	8.6 762 E-8	2. 1 4 0 6 1 E- 1	2.5 85 5E- 11	1. 6 6 4 1 E- 4	7.54 829 E-6

u p p o r t ) L a n d f i l l						8					2			
L a n d f i l l i n g P C B s( m e t a l s) L a n d f i l l	1	2. 1 8 1 5 6 E- 5	2.17 359 E-5	5.59 814 E-8	2.395 57E-8	1. 9 0 9 8 9 E - 7	2.417 79E-3	5.82 724 E-8	6.377 28E- 7	1.9 432 9E- 7	9. 4 4 9 0 3 E- 1 2	6.0 08 62 E-1 1 3 E- 4	6. 7 8 4 6 3 E- 4	3.39 324 E-5
E l e c t r i c i t y , l o w v o l t a g	1	2. 2 8 2 8 4 E 0	2.29 573 E0	-1.3 178 4E-2	2.914 66E-4	1. 2 0 9 5 8 E - 2	4.371 99E-4	2.56 074 E-3	2.721 04E- 2	7.0 576 4E- 3	1. 2 0 3 0 1 E- 8	6.9 14 86 E-6	2. 0 2 6 1 7 E 1	2.47 746 E-1

e - C N														
T a p w a t e r - G L O	1	0 E 0	0E0	0E0	0E0	0 E 0	0E0	0E0	0E0	0E0	0 E 0	0E 0	0 E 0	0E0

### 3.3 Inventory Data Sensitivity Analysis

Inventory data sensitivity refers to the rate of change in response indicators caused by a unit change in inventory data. By analyzing the sensitivity of inventory data to various indicators and assessing improvement potential, the most effective points of improvement can be identified.

The table lists inventory data with a sensitivity greater than 0.5% for GWP (kg CO<sub>2</sub>eq).

Table 3-8 Inventory Data Sensitivity Table

Belonging Process	Inventory Name	Data Type for this Process	Upstream Data Type	GWP Proportion
Component Manufacturing	Material Acquisition-Raw Material-Normal Charger	Actual Data Update	Background Application Data	22.46%
Component Manufacturing	Material Acquisition-Raw Material-LI-Polymer Battery	Actual Data Update	Background Application Data	17.92%
Component Manufacturing	Material Acquisition-Raw Material-Antenna Spring	Actual Data Update	Background Application Data	2.24%
Component Manufacturing	Material Acquisition-Raw Material-Chip Ferrite Beads	Actual Data Update	Background Application Data	3.68%
Complete	Product	Actual Data	Background	2.45%

Machine Manufacturing	Manufacturing-Electricity Consumption-Electricity, low voltage - CN	Update	Application Data	
Complete Machine Distribution	Product Distribution-HK Airport-Italy Airport	Actual Data Update	Background Application Data	3.46%
Use Stage	Use stage-Italy	Actual Data Update	Background Application Data	40.67%
Scrap Disposal	Scrap Disposal-Electricity Consumption-Electricity, low voltage - CN	Actual Data Update	Background Application Data	4.63%

### 3.4 Impact Assessment

#### 3.4.1 Impact Type

The Cu Reference Product LCA evaluation includes the calculation of 13 environmental impact type indicators, Global Warming Potential,GWP-total、Global Warming Potential,GWP-fossil、Global Warming Potential,GWP-biogenic、Global Warming Potential,GWP-land use and land use change、Acidification Potential, AP、Eutrophication Potential in Freshwater,EP aquatic freshwater、Eutrophication Potential in Marine Ecosystems,EP aquatic marine、Eutrophication Potential on Land,EP terrestrial、Photochemical ozone creation potential,POCP、Ozone depletion potential,ODP、Abiotic Depletion Potential for Mineral Metals,ADP minerals and metals、Abiotic Depletion Potential for Fossil Resources,ADP fossil resources、Water deprivation potential,WDP

#### 3.4.2 Inventory Factor Classification

Based on the physical and chemical properties of inventory factors, factors contributing to a certain impact type are grouped together. For example, inventory factors such as carbon dioxide, nitrous oxide, methane, and others that contribute to climate change are classified under the global warming impact type.

Table 3-9 Classification of Environmental Impact Type Indicators

<b>Environmental Impact Indicator</b>	<b>Units of Environmental Impact Indicators</b>	<b>Main Inventory Materials</b>
Global Warming Potential,GWP-total	kg CO2 eq.	CO2,CH4,N2O...
Global Warming Potential,GWP-fossil	kg CO2 eq.	CO2,CH4,N2O...
Global Warming Potential,GWP-biogenic	kg CO2 eq.	CO2,CH4,N2O...
Global Warming Potential,GWP-land use and land use change	kg CO2 eq.	CO2,CH4,N2O...
Acidification Potential, AP	Mol H+ eq.	NH3,SOx,NOx...
Eutrophication Potential in Freshwater,EP aquatic freshwater	kg P eq.	Phosphorus,Phosphate...
Eutrophication Potential in Marine Ecosystems,EP aquatic marine	kg N eq.	NOx,NH3,Nitrate...
Eutrophication Potential on Land,EP terrestrial	Mol N eq.	NOx,NH3,Nitrate...
Photochemical ozone creation potential,POCP	Kg NMVOC eq.	NOx,SO2,CO...
Ozone depletion potential,ODP	kg CFC 11 eq.	HCFCs,Halon,CFCs...
Abiotic Depletion Potential for Mineral Metals,ADP minerals and metals	kg Sb eq.	Coal,Gas,Oil...
Abiotic Depletion Potential for Fossil Resources,ADP fossil resources	MJ.	Ni,Cu,Fe...
Water deprivation potential,WDP	M3.	H2O

### 3.4.3 Categorized Evaluation

Climate Change Impact Assessment: Refer to the analysis report in the TCL-GPM system.

## 4. Lifecycle Explanation

### 4.1 Assumptions and Limitations Statement

The real-world process data in this LCA report are sourced from enterprise research data, while the background data is obtained from Chinese life cycle

data, the European ELCD database, and the Swiss Ecoinvent database.

This LCA assessment involved investigations into the production processes of primary suppliers for all components of the product, providing a reflection of the actual level of the supply chain and effectively improving data quality. However, due to limitations in supply chain control, deeper layers of the supply chain (e.g., secondary and tertiary suppliers) were not investigated, and background databases were used. As a result, there may be some discrepancies between the calculated results and the actual environmental performance of the supply chain. Where conditions allow, further research into production process data at all levels of the supply chain is recommended to enhance data quality and provide support for collaborative improvements throughout the supply chain.

## 4.2 Completeness Statement

### (1) Model Completeness

The product life cycle model in this report includes processes such as raw material consumption, component manufacturing, component transportation, Product manufacturing, Product distribution, Product use, and end-of-life treatment. This meets the definition of the system boundary for this study.

### (2) Background Database Completeness

The background databases used in this study include the Chinese life cycle data compiled by the research team, which contains inventory datasets for energy, transportation, and more, and is continuously updated for China. Additionally, the European ELCD database and the Swiss Ecoinvent database contain over 7,000 unit process datasets from various countries in Europe and the world, as well as corresponding aggregated process datasets for various products.

Both of the above background databases encompass major processes and meet the requirements for background database completeness.

### 4.3 Conclusion and Recommendations

Overall, the primary stages of environmental impact for Cu Reference are the Component Manufacturing, followed by the Use Stage, with the smallest impact occurring during the Complete Machine Manufacturing phase. The most significant environmental burden is attributed to electricity consumption, particularly in the originating process, which relies on the consumption of fossil fuels. Specific analysis of the evaluation results and improvement recommendations for Cu Reference are as follows:

- (1) The Component Manufacturing of Cu Reference dominates the environmental impact, contributing to approximately 48.75% of the total greenhouse gas emissions within the product's lifecycle.
- (2) Material Selection: To minimize the product's environmental impact, material selection should prioritize materials with lower environmental footprints while ensuring that they meet the product's performance requirements. It is essential to enhance structural design to improve material utilization and increase the use of recycled materials. Additionally, consider strategies for reusing waste materials.
- (3) Disassembly: The current disassembly and recycling rate for this product is already close to 80%. However, in the design improvement phase, there is room to enhance the disassembly of key components of the Cu Reference while maintaining their structural integrity, further increasing the recycling rate.
- (4) Supply Chain Investigation: This LCA evaluation included data from primary suppliers, providing an accurate representation of the supply chain's environmental performance and enhancing data quality. Nevertheless, due to limitations in supply chain control, deeper supply chain tiers (e.g., second or third-tier suppliers) were not directly surveyed. In these cases, background databases were used, which may introduce some discrepancies between calculated results and actual environmental performance along the supply chain. If possible, further research into production process data at all levels of

the supply chain is recommended. This can lead to improved data quality and support collaborative improvements across the supply chain.