



## VERIFICATION STATEMENT GREENHOUSE GAS EMISSIONS

This is to verify that

# CHROMA ATE INC.

NO.66, HUAYA 1ST RD., GUISHAN DIST., TAOYUAN CITY, TAIWAN

Holds Statement No: TWN4194357GT/E Rev.1

Bureau Veritas Certification (Taiwan) Co., Ltd. was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions reported by CHROMA ATE INC. for the period stated below. This Verification Statement applies to the related information included within the scope of work described below.

The determination of the GHG emissions is the sole responsibility of CHROMA ATE INC. BVC's sole responsibility was to provide independent verification on the accuracy of the GHG emissions reported, and on the underlying systems and processes used to collect, analyze and review the information.

#### Boundaries of the reporting company GHG emissions covered by the verification:

- CHROMA ATE INC. sites:
  - HEADQUARTER: 66 and 68 Huaya 1st Road, Guishan, Taoyuan., Taoyuan, Taiwan (Rent to Dynapack International Technology Corp., DynaScan Technology Corp., and Testar Electronics Corp. are excluded)
  - HSINCHU FACTORY: 6F, No. 5, Technology Rd., Science Park., Hsinchu City, Taiwan (Rent to Testar Electronics Corp. is excluded)
  - KAOHSIUNG FACTORY: No.1, Beineihuan E. Rd., Nanzi Dist., Kaohsiung City, Taiwan
- Operational Control
- Period covered by GHG emissions verification: January 1, 2018 to December 31, 2018

#### Emissions data verified:

- Total emission: 11,096.987 metric tons of CO<sub>2</sub> equivalent
- Scope 1: 612.4692 metric tons of CO<sub>2</sub> equivalent
- Scope 2: 10,484.5180 metric tons of CO<sub>2</sub> equivalent

#### Level of Assurance and Qualifications:

- Reasonable assurance
- This verification used a materiality threshold of 5% for aggregate errors in sampled data for each of the above indicators
- GWP: IPCC 2013 (AR5)

#### Assurance Opinion:

Based on the process and procedures conducted, we conclude that the Scope 1 and 2 GHG emissions assertion shown above:

- is materially correct;
- is a fair representation of the GHG emissions data and information; and
- is prepared in accordance with the ISO 14064-1:2006.

It is our opinion that CHROMA ATE INC. has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of these GHG emissions for the stated period and boundaries.

Limitation: N.A.

Andrew Lee, Lead Verifier

Originally Issue: 18/4/2019

Chris Liu, Technical Reviewer

Latest Issue: 18/4/2019



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**Greenhouse Gas Assertion**

Site name and contacts	Emissions data verified	
<b>HEADQUARTER</b> 66 & 68 Huaya 1st Road, Guishan, Taoyuan., Taoyuan, Taiwan 03-3279999	<b>Total greenhouse emissions</b>	<b>9,370.9353 tCO<sub>2</sub>e</b>
	Direct greenhouse emissions (Scope 1)	547.3813 tCO <sub>2</sub> e
	Energy indirect greenhouse emissions (Scope 2)	8,823.5540 tCO <sub>2</sub> e
<b>HSINCHU BRANCH OFFICE</b> 6F, No. 5, Technology Rd., Science Park., Hsinchu City, Taiwan 03-5635788	<b>Total greenhouse emissions</b>	<b>480.2248 tCO<sub>2</sub>e</b>
	Direct greenhouse emissions (Scope 1)	16.1228 tCO <sub>2</sub> e
	Energy indirect greenhouse emissions (Scope 2)	464.1020 tCO <sub>2</sub> e
<b>KAOSHIUNG BRANCH OFFICE</b> No.1, Beineihuan E. Rd., Nanzi Dist., Kaohsiung City, Taiwan 07-3656188	<b>Total greenhouse emissions</b>	<b>1,245.8271 tCO<sub>2</sub>e</b>
	Direct greenhouse emissions (Scope 1)	48.9651 tCO <sub>2</sub> e
	Energy indirect greenhouse emissions (Scope 2)	1,196.8620 tCO <sub>2</sub> e

**GHG Verification Protocols used to conduct the verification:**

- ISO 14064-3: Greenhouse gases – Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

**GHG Verification Methodology:**

- Interviews with relevant personnel of CHROMA ATE INC.;
- Review of documentary evidence produced by CHROMA ATE INC.;
- Review of CHROMA ATE INC. data and information systems and methodology for collection, aggregation, analysis and review of information used to determine GHG emissions at CHROMA ATE INC. Headquarter; and
- Audit of sample of data used by CHROMA ATE INC. to determine GHG emissions.

**Statement of independence, impartiality and competence**

The Bureau Veritas Group is an independent professional services company that specializes in Quality, Health, Safety, Social and Environmental management with over 180 years history in providing independent assurance services.

No member of the verification team has a business relationship with CHROMA ATE INC., its Directors or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

The Bureau Veritas Group has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.

The verification team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of The Bureau Veritas Group standard methodology for the verification of greenhouse gas emissions data.

*This verification statement, including the opinion expressed herein, is provided to CHROMA ATE INC. and is solely for the benefit of CHROMA ATE INC. in accordance with the terms of our agreement. We consent to the release of this statement by you to others interest party in order to satisfy the terms of disclosure requirements but without accepting or assuming any responsibility or liability on our part to any other party who may have access to this statement.*