



財團法人全國認證基金會  
Taiwan Accreditation Foundation

**Certification Accreditation**  
(Certificate No : L3519-211215)

**TENMARS Electronics Co., Ltd.**  
**Calibration Laboratory**

6F, NO.2, LANE 258, RUI GUANG ROAD, NEIHU, TAIPEI, TAIWAN

**is accredited in respect of laboratory**

**Accreditation Criteria** : ISO/IEC 17025:2017 ; CNS 17025:2018

**Accreditation Number** : 3519

**Originally Accredited** : December 12, 2018

**Effective Period** : December 12, 2021 to December 11, 2024

**Accredited Scope** : Calibration Field, see described in the Appendix



Scan to verify

*Ching-Chang Lien*

Ching-Chang Lien  
President, Taiwan Accreditation Foundation  
December 15, 2021

Accreditation Number : 3519

Laboratory Head : LIN, Chih-Chang

## Vibration &amp; Acoustics

| calibration items  | working standard           | calibration method   | measurand level or range |                                   |               |                                   | measurement conditions /independent variable | smallest uncertainty |                                   |
|--|----------------------------|--|--------------------------|-----------------------------------|---------------|-----------------------------------|--|----------------------|-----------------------------------|
|  | brand/model                | document name /no.   | minimum value            | units                             | maximum value | units                             | explanation                                  | value                | units                             |
| KB2004<br>Sound Level<br>Meter   | Microphone<br>B&K<br>/4191 | Calibration<br>Procedure for Sound<br>Level Meter<br>(Document No.:<br>LP40) | 94                       | dB<br>(reference:<br>20 $\mu$ Pa) | 94            | dB<br>(reference:<br>20 $\mu$ Pa) | Frequency<br>/25 Hz to 200 Hz                | 0.6                  | dB<br>(reference:<br>20 $\mu$ Pa) |
|  |                            |  | 80                       | dB<br>(reference:<br>20 $\mu$ Pa) | 80            | dB<br>(reference:<br>20 $\mu$ Pa) | Frequency<br>/250 Hz to 4000 Hz              | 0.6                  | dB<br>(reference:<br>20 $\mu$ Pa) |
|  |                            |  | 80                       | dB<br>(reference:<br>20 $\mu$ Pa) | 80            | dB<br>(reference:<br>20 $\mu$ Pa) | Frequency<br>/>4000 Hz to 8000 Hz            | 0.7                  | dB<br>(reference:<br>20 $\mu$ Pa) |
|  |                            |  | 80                       | dB<br>(reference:<br>20 $\mu$ Pa) | 80            | dB<br>(reference:<br>20 $\mu$ Pa) | Frequency<br>/>8000 Hz to 20000 Hz           | 1.0                  | dB<br>(reference:<br>20 $\mu$ Pa) |
| Approval Signatory: LIN, Chih-Chang; HUA, Ching-Shuo; CHEN, Ming-Chueh |                            |  |                          |                                   |               |                                   |  |                      |                                   |



## Electromagnetics

| calibration items  | working standard                        | calibration method   | measurand level or range |       |               |       | measurement conditions /independent variable | smallest uncertainty |       |
|--|---|--|--------------------------|-------|---------------|-------|--|----------------------|-------|
|  | brand/model                             | document name /no.   | minimum value            | units | maximum value | units | explanation                                  | value                | units |
| KG3001 Illuminance Meter   | V ( $\lambda$ ) Detector GAMMA /UDT-263 | Calibration Procedure for Illuminance Meter (Document No.: LP41) | 50                       | lx    | 1500          | lx    |  | 2.0                  | %     |
| Approval Signatory: LIN, Chih-Chang; LIN, Hsien-Vun; HUA, Ching-Shuo |   |  |                          |       |               |       |  |                      |       |

Note : Smallest uncertainty represents an expanded uncertainty using a coverage factor approximately 95 % level of confidence.  
(Null Below)

