

|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                                             |                                                                                                                                |                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------|--|
| <b>Prüfbericht-Nr.:</b><br><i>Test Report No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                         | <b>10060182 001</b>        | <b>Auftrags-Nr.:</b><br><i>Order No.:</i>   | <b>114060568</b>                                                                                                               | Seite 1 von 4<br>Page 1 of 4 |  |
| <b>Kunden-Referenz-Nr.:</b><br><i>Client Reference No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                | N/A                        | <b>Auftragsdatum:</b><br><i>Order date:</i> | 4-Jan-2017                                                                                                                     |                              |  |
| <b>Auftraggeber:</b><br><i>Client:</i>                                                                                                                                                                                                                                                                                                                                                                                                                     | Sunrex Technology Corp     |                                             |                                                                                                                                |                              |  |
| <b>Prüfgegenstand:</b><br><i>Test item:</i>                                                                                                                                                                                                                                                                                                                                                                                                                | Wireless Keyboard          |                                             |                                                                                                                                |                              |  |
| <b>Bezeichnung / Typ-Nr.:</b><br><i>Identification / Type No.:</i>                                                                                                                                                                                                                                                                                                                                                                                         | HSA-S001K, HSA-S003K       |                                             |                                                                                                                                |                              |  |
| <b>Auftrags-Inhalt:</b><br><i>Order content:</i>                                                                                                                                                                                                                                                                                                                                                                                                           | Exposure Assessment Report |                                             |                                                                                                                                |                              |  |
| <b>Prüfgrundlage:</b><br><i>Test specification:</i>                                                                                                                                                                                                                                                                                                                                                                                                        | EN 62479:2010              |                                             |                                                                                                                                |                              |  |
| <b>Wareneingangsdatum:</b><br><i>Date of receipt:</i>                                                                                                                                                                                                                                                                                                                                                                                                      | 7-Mar-2017                 |                                             |                                                                                                                                |                              |  |
| <b>Prüfmuster-Nr.:</b><br><i>Test sample No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                          | A000493380-001             |                                             |                                                                                                                                |                              |  |
| <b>Prüfzeitraum:</b><br><i>Testing period:</i>                                                                                                                                                                                                                                                                                                                                                                                                             | 7-Mar-2017                 |                                             |                                                                                                                                |                              |  |
| <b>Ort der Prüfung:</b><br><i>Place of testing:</i>                                                                                                                                                                                                                                                                                                                                                                                                        | EMC Laboratory Taipei      |                                             |                                                                                                                                |                              |  |
| <b>Prüflaboratorium:</b><br><i>Testing laboratory:</i>                                                                                                                                                                                                                                                                                                                                                                                                     | TUV Rheinland Taiwan Ltd.  |                                             |                                                                                                                                |                              |  |
| <b>Prüfergebnis*:</b><br><i>Test result*:</i>                                                                                                                                                                                                                                                                                                                                                                                                              | Pass                       |                                             |                                                                                                                                |                              |  |
| <b>geprüft von / tested by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                                             | <b>kontrolliert von / reviewed by:</b>                                                                                         |                              |  |
| 7-Apr-2017 SamC.J. Kuo / Engineer<br><i>Datum Name / Stellung Unterschrift</i><br><i>Date Name / Position Signature</i>                                                                                                                                                                                                                                                                                                                                    |                            |                                             | 7-Apr-2017 Arvin Ho / Department Manager<br><i>Datum Name / Stellung Unterschrift</i><br><i>Date Name / Position Signature</i> |                              |  |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |                                             |                                                                                                                                |                              |  |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br><i>Condition of the test item at delivery:</i>                                                                                                                                                                                                                                                                                                                                                     |                            |                                             | Prüfmuster vollständig und unbeschädigt<br><i>Test item complete and undamaged</i>                                             |                              |  |
| * Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft<br>P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet<br>Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor<br>P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested                          |                            |                                             |                                                                                                                                |                              |  |
| <b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b><br><i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i> |                            |                                             |                                                                                                                                |                              |  |

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## 1. General Remarks

### 1.1 Complementary Materials

Test Specifications  
The following standards were applied.

**Table 1: Applied Standard and Test Levels**

| Radio         |
|---------------|
| EN 62479:2010 |

## 2. General Product Information

### 2.1 Product Function and Intended Use

The EUT is a Wireless Keyboard, it contains a Wireless compatible module enabling the user to communicate data through a Wireless interface.  
For details refer to the User Guide, Data Sheet and Circuit Diagram.

### 2.2 System Details

**Table 2: Technical Specification of EUT**

| Technical Specification | Value                                       |
|-------------------------|---------------------------------------------|
| Kind of Equipment       | Wireless Keyboard                           |
| Type Designation        | HSA-S001K, HSA-S003K                        |
| Operating Frequency     | 2406~2475MHz                                |
| Channel Spacing         | 1 MHz                                       |
| Channel number          | 70                                          |
| Operation Voltage       | DC3.7 V (Via Battery) DC5V (Via USB Charge) |
| Modulation              | GFSK                                        |
| Antenna gain            | -3.02 dBi                                   |

## 3. RF EXPOSURE ASSESSMENT

### 3.1 Introduction

The International Standard used for the assessment of this device provides a simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF).

### 3.2 Compliance Criteria

Refer to EN 62479:2010, A.3.

### 3.3 EUT Operating Condition

Software used for testing: Test program installed in EUT is used for enabling EUT RF function under continues transmitting and choosing channel.

### 3.4 Assessment Results

#### Maximum available Power

| Max Power (dBm) found in EN-ETSI RF Test Report | Power (mW) | Head and Body Power Limit in (mW) | Pass/Fail |
|-------------------------------------------------|------------|-----------------------------------|-----------|
| -12.07                                          | 0.06       | 20                                | PASS      |

---End---