

## DECLARATION OF PERFORMANCE

According to Construction Products Regulation (EU) No 305/2011  
and Amended by Regulation (EU) No 574/2014

Document No. ...0786-CPR-21393...

1. Unique identification code of the product-type:

**Type 4620 Addressable Base Station for Wireless Units**

2. Intended Use:

**Fire detection and fire alarm systems installed in and around buildings**

3. Manufacturer:

**Panasonic Corporation Tsu Factory**

**1668, Fujikata, Tsu-shi, Mie-ken, 514-8555, JAPAN**

4. Authorised representative:

**Niels Erdmann**

**Panasonic Testing Centre**

**Panasonic Marketing Europe GmbH**

**Winsbergring 15, 22525 Hamburg, Germany**

5. System/s of AVCP:

**System 1**

6a. Harmonised standard:

**EN54-17:2005**

**EN54-18:2005**

**EN54-25:2008**

Notified body/ies:

**VdS Schadenverhütung GmbH      Accreditation No. 0786**

**Certificate of constancy of performance: 0786-CPR-21393**

6b. European Assessment Document: **N/A**

European Technical Assessment: **N/A**

Technical Assessment Body: **N/A**

Notified Body: **N/A**

# Panasonic

7. Declared performance:

**EN54-17:2005**

| Essential characteristics  | Performance | Harmonized technical specification |
|--|-------------|------------------------------------|
|  |             | EN54-17:2005                       |
| Performance under fire conditions  | Passed      | 5.2 <sup>a</sup>                   |
| Operational reliability  | Passed      | 4                                  |
| Durability of operational reliability;<br>temperature resistance   | Passed      | 5.4, 5.5                           |
| Durability of operational reliability;<br>vibration resistance   | Passed      | 5.9 to 5.12                        |
| Durability of operational reliability;<br>humidity resistance  | Passed      | 5.6, 5.7                           |
| Durability of operational reliability;<br>corrosion resistance   | Passed      | 5.8                                |
| Durability of operational reliability;<br>electrical stability   | Passed      | 5.3, 5.13                          |
| <p>a This is assuming that the effect of the fire is to cause short circuit in the transmission path that is protected by these devices.</p> |             |                                    |

**EN54-18:2005**

| Essential characteristics  | Performance | Harmonized technical specification |
|--|-------------|------------------------------------|
|  |             | EN54-18:2005                       |
| Response delay(response time)  | Passed      | 5.2 <sup>a</sup>                   |
| Performance under fire conditions  | Passed      | 5.1.4                              |
| Operational reliability  | Passed      | 5.1.4                              |
| Durability of operational reliability;<br>temperature resistance   | Passed      | 5.3, 5.4                           |
| Durability of operational reliability;<br>vibration resistance   | Passed      | 5.8 to 5.11                        |
| Durability of operational reliability;<br>humidity resistance  | Passed      | 5.5, 5.6                           |
| Durability of operational reliability;<br>corrosion resistance   | Passed      | 5.7                                |
| Durability of operational reliability;<br>electrical stability   | Passed      | 5.2, 5.12                          |
| <p>a Response delays may not be a function of the input/output device, in which case no assessment is made as part of this standard.</p> |             |                                    |


## EN54-25:2008

| Essential characteristics   | Performance | Harmonized technical specification  |
|---|-------------|---|
| Performance parameters under fire conditions <sup>a</sup>   | Passed      | 4.1, 4.2.2, 5.2, 8.3.7  |
| Response delay (response time to fire) <sup>a</sup>   | Passed      | 8.2.3, 8.2.6  |
| Operational reliability   | Passed      | 4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8 <sup>b</sup> , 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6 |
| Durability of operational reliability, Temperature resistance   | Passed      | 8.3.9 <sup>c</sup> , 8.3.10 <sup>c</sup> , 8.3.11   |
| Durability of operational reliability, Vibration resistance   | Passed      | 8.3.16 <sup>e</sup> , 8.3.17 to 8.3.19  |
| Durability of operational reliability, Humidity resistance  | Passed      | 8.3.12 <sup>d</sup> , 8.3.13 <sup>e</sup> , 8.3.14  |
| Durability of operational reliability, Corrosion resistance   | Passed      | 8.3.15 <sup>c</sup>   |
| Durability of operational reliability, Electrical stability   | Passed      | 8.3.20  |
| <p>a The products covered by this standard are assumed to enter the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</p> <p>b Only applicable to components required to indicate loss of communication or to transmit this information to the CIE.</p> <p>c Not applicable for CIE.</p> <p>d Not applicable for CIE and smoke detectors.</p> <p>e Only applicable for CIE and smoke detectors.</p> |             |   |


### 8. Appropriate Technical Documentation and/or Specific Technical Documentation: N/A

The performance of the product identified is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above:

Signed for and on behalf of the manufacturer by:

(Signature):   
 (Printed name): Hisashi Taniguchi  
 (Title): Director  
 Place and date of issue  
Japan, 22, Nov. 2019

Authorised Representative in EU:

(Signature):   
 (Printed Name): Wolfram Kühn  
 (Date): 27 Nov. 2019  
 Panasonic Testing Centre  
 Panasonic Marketing Europe GmbH  
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