

## Evaluation Report

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>Product</b>                                                                                                                                                                                                                                                                                                    | UPCS Wireless Relay Station                                                                                                                                                                                                                                                                                                           |  |  |
| <b>Name and address of the applicant</b>                                                                                                                                                                                                                                                                          | Panasonic Corporation of North America                                                                                                                                                                                                                                                                                                |  |  |
| <b>Name and address of the manufacturer</b>                                                                                                                                                                                                                                                                       | Panasonic System Networks Co., Ltd.<br>1-62, 4-chome, Minoshima, Hakata-ku<br>Fukuoka 812-8531, Japan                                                                                                                                                                                                                                 |  |  |
| <b>Model</b>                                                                                                                                                                                                                                                                                                      | WX-CR470                                                                                                                                                                                                                                                                                                                              |  |  |
| <b>Rating</b>                                                                                                                                                                                                                                                                                                     | 120 V AC (Mains Powered)                                                                                                                                                                                                                                                                                                              |  |  |
| <b>Trademark</b>                                                                                                                                                                                                                                                                                                  | Panasonic                                                                                                                                                                                                                                                                                                                             |  |  |
| <b>Serial number</b>                                                                                                                                                                                                                                                                                              | /                                                                                                                                                                                                                                                                                                                                     |  |  |
| <b>Additional information</b>                                                                                                                                                                                                                                                                                     | /                                                                                                                                                                                                                                                                                                                                     |  |  |
| <b>Tested according to</b>                                                                                                                                                                                                                                                                                        | <b>FCC Part 15, subpart D</b><br>Isochronous UPCS Device, 1920 – 1930 MHz<br><b>Industry Canada RSS 213, Issue 2</b><br>2 GHz License-exempt Personal Communications Service Devices (LE-PCS)                                                                                                                                         |  |  |
| <b>Order number</b>                                                                                                                                                                                                                                                                                               | 245599                                                                                                                                                                                                                                                                                                                                |  |  |
| <b>Tested in period</b>                                                                                                                                                                                                                                                                                           | N/A                                                                                                                                                                                                                                                                                                                                   |  |  |
| <b>Issue date</b>                                                                                                                                                                                                                                                                                                 | 2013.11.15                                                                                                                                                                                                                                                                                                                            |  |  |
| <b>Name and address of the testing laboratory</b>                                                                                                                                                                                                                                                                 | <div style="display: flex; align-items: center;">  <div> <p>FCC No: 994405<br/>IC OATS: 2040D-1</p> <p>TEL: (+47) 22 96 03 30<br/>FAX: (+47) 22 96 05 50</p> </div> </div> <p>Instituttveien 6<br/>Kjeller, Norway</p> |  |  |
| <br>Approved by [Frode Sveinsen]                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                       |  |  |
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## 1 INFORMATION

### 1.1 Evaluated Item

|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Name :                              | Panasonic                                     |
| Model name :                        | WX-CR470                                      |
| FCC ID :                            | ACJ9TAWX-CR470                                |
| Industry Canada ID :                | 216A-WXCR470                                  |
| Serial number :                     | /                                             |
| Hardware identity and/or version:   | PNLB1754ZA                                    |
| Software identity and/or version :  | 4.11                                          |
| Tested to IC Radio Standard (RSS) : | RSS-213 Issue 2, RSS-GEN Issue 3              |
| Test Site IC Reg. Number :          | IC 2040D-1                                    |
| Frequency Range :                   | 1921.536 – 1928.448 MHz                       |
| Number of Channels :                | 5 RF Channels, 5x12 = 60 TDMA Duplex Channels |
| Type of Modulation :                | Digital (Gaussian Frequency Shift Keying)     |

### 1.2 Validity of test reports

The evaluated item is a DECT Wireless Relay Station, i.e. a repeater. A DECT repeater works by retransmitting the received signal on a different timeslot and is therefore certified as a UPCS Base Station.

Nemko test reports no. 137945-5 and 150865-3 are still valid and based on information in Description of Differences Document for KX-A405 versus WX-CR470 these reports also covers the new model WX-CR470.