



# Product Change Notice

**Huawei PCN ALD-20190006**

**AQU4518R8v06 Antenna EOM**

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## Release History

| Version             | Revision History        | Release Date      |
|---------------------|-------------------------|-------------------|
| <i>Draft 1.0</i>    | <i>Draft Release</i>    | <i>2019-05-27</i> |
| <i>Official 1.0</i> | <i>Official Release</i> | <i>2019-05-31</i> |

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# Product Change Notice

## 1. Key Terms

| Terminology | Description                    | Definition  |
|-------------|--------------------------------|---|
| EOM         | End of Marketing               | The date after which orders for products, boards, components or software are no longer accepted<br>📖 <b>NOTE</b><br>This applies to new deployments and capacity expansions. For boards and components, it also applies to spare parts. |
| LODSP       | Last Order Date of Spare Parts | The date after which orders for spare parts of a product are no longer accepted   |
| PCN         | Product Change Notice          | Describes changes to a product.   |

## 2. Abstract

Marketing of the following Huawei's antenna products will be discontinued on May.31, 2020. After this date, orders for this antenna will no longer be accepted.

| Model        | BOM          | Description   |
|--------------|--------------|---|
| AQU4518R8v06 | 27011444-001 | DXXXX-1710-2170/1710-2170/2490-2690/2490-2690-65/65/65/65-18i/18i/18i/18i-M/M/M/M-R |

This change notice is for customers who use Huawei antenna.

### 3. PCN Information

|                             |                     |  |                               |
|-----------------------------|---------------------|--|-------------------------------|
| <b>PCN Number</b>           |                     |  | ALD-20190006                  |
| <b>Supplier Information</b> |                     |  | Huawei Technologies Co., Ltd. |
| <b>PCN Classification</b>   |                     |  | DN                            |
| <b>Milestone</b>            | Implementation date | The start date when new boards or components or new changes are available. | <b>2019/11/1</b>              |
|                             | EOM                 | The date when orders for old components are no longer accepted.            | 2020/5/31                     |
|                             | EOS                 | Date after which Huawei no longer provides services for old hardware       | NA                            |

### 4. Reason for Change

The antenna AQU4518R8v06 reached the product lifecycle and will be replaced by AQU4518R8v07. The AQU4518R8v07 provides the following changes:

1. AQU4518R8v07 adopts EasyRET2.0 platform, the replaced antenna adopts EasyRET1.0 platform.
2. The antenna AQU4518R8v07 is mainly used for one operator, so the AISG interface is changed from two pairs to one pair.

### 5. Systems and Products Affected

| System                  | Subsystem | Hardware | Software |
|-------------------------|-----------|----------|----------|
| Antenna Feeder Products | Antenna   | Yes      | NA       |

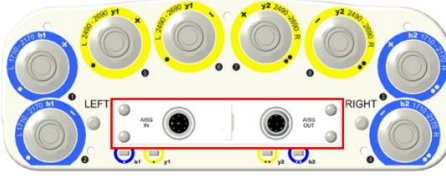
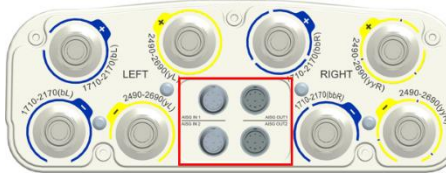
## 6. BOM Code Affected

| New Board/Component |               |   | Old Board/Component |              |   | Complete Replacement |
|---------------------|---------------|---|---------------------|--------------|---|----------------------|
| BOM Code            | Model         | Description   | BOM Code            | Model        | Description   |                      |
| 27011444-002        | AQU4518 R8v07 | DXXXX-1710-2170/1710-2170/2490-2690/2490-2690-65/65/65/65-18i/18i/18i/18i-M/M/M/M-R | 27011444-001        | AQU4518R8v06 | DXXXX-1710-2170/1710-2170/2490-2690/2490-2690-65/65/65/65-18i/18i/18i/18i-M/M/M/M-R | Yes                  |

## 7. Change Description

### 7.1 Changes in Specifications

Change in the appearance of AQU4518R8v07 described as follow:

| Item               | New Board or Component  | Old Board or Component   |
|--------------------|---|--|
| Antenna Model      | AQU4518R8v07  | AQU4518R8v06   |
| Antenna Bottom Cap |  |  |

### 7.2 Changes in Appearance

None

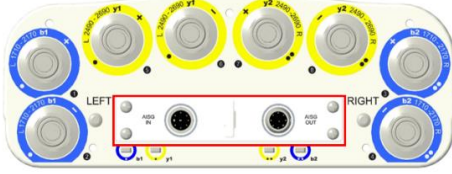
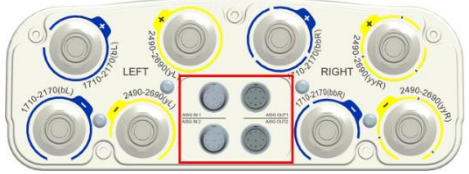
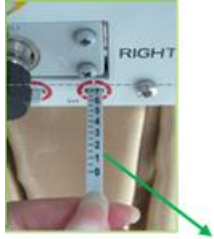
### 7.3 Changes in Dimensions and Weight

Changes of AQU4518R8v07 described as follow:

| Item                        | New Board or Component | Old Board or Component |
|-----------------------------|------------------------|------------------------|
| Model                       | AQU4518R8v07           | AQU4518R8v06           |
| Antenna weight (kg)         | 19                     | 18.1                   |
| Antenna packing weight (kg) | 26.2                   | 25.3                   |

## 7.4 Changes in the External Ports of a Module

AQU4518R8v07 adopts EasyRET2.0 platform, the EasyRET 2.0 platform and EasyRET 1.0 platform are compared as follows:

| Item                                 | New Board or Component   | Old Board or Component   |
|--------------------------------------|--|--|
| <b>Antenna Model</b>                 | AQU4518R8v07   | AQU4518R8v06   |
| <b>Antenna Bottom Cap</b>            |   |        |
| <b>AISG Interface</b>                | One pair of AISG interfaces supports RET management  | Two pairs of AISG interfaces support RET management and sharing scenario for 2 operators |
| <b>Electrical downtilt indicator</b> | <p>1. Electrical downtilt value can be read on both sides of indicator.</p> <p>2. Indicators are retractable on antenna panel. Pull out the indicator perpendicular to the antenna panel manually for angle confirmation.</p>  <p style="text-align: center;">Indicator</p> | No   |
| <b>RET Module</b>                    | Replaceable  | Not replaceable  |

## 7.5 Changes in the Installation Method

None

## 8. Compatibility

None

## 9. Change Impact

|                     |    |
|---------------------|----|
| <b>Safety Risks</b> | NA |
| <b>Fire Risks</b>   | NA |

|                                       |                      |
|---------------------------------------|----------------------|
| <b>Services</b>                       | NA                   |
| <b>Communications</b>                 | NA                   |
| <b>Maintenance</b>                    | NA                   |
| <b>Reliability</b>                    | Enhanced reliability |
| <b>Power System/Power Consumption</b> | NA                   |
| <b>Traffic</b>                        | NA                   |

## 10. Changes in the Documentation

Antenna&AF products datasheet

## 11. Other Changes

None

## 12. Suggestions for Operators

None

## 13. Attachments

None

## 14. Remarks

If you have any questions about this PCN, contact your local Huawei sales representative or Huawei technical support.