Introduction

Payload filter is used as filter to keep specified beacons by using payload matching.

Assume your beacon has below report:

$GPRP,0007802DDB1E,C946A6500A33,-43,0201061AFF660200215BC6010015000000F00000000

If your beacons has a fixed field "6602" in above report, you can set

Payload Pattern: 0201061AFF6602
Payload Mask: 0000000000FFFF

Then the gateway will only forward the report when "pattern & mask" matches 6602.

Ex.

To match iBeacon:

Payload Pattern: 0201061AFF4C00
Payload Mask: FFFFFFFFFFFFFFFF

To match Eddystone:

Payload Pattern: 0201060303AAFE
Payload Mask: FFFFFFFFFFFFFFFF

To match iBS01 series beacon:

Payload Pattern: 02010612FF590080BC
Payload Mask: FFFFFFF00FFFFFF00FF

To match iBS01/iBS02/iBS03/iBS04 series beacon:

Payload Pattern: 02010612FF0D0080BC
Payload Mask: FFFFFFF00FF00FFF0FF
## Revision History

<table>
<thead>
<tr>
<th>DATE</th>
<th>REVISION</th>
<th>CHANGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb 1, 2017</td>
<td>1</td>
<td>Initial release</td>
</tr>
<tr>
<td>May 11, 2017</td>
<td>2</td>
<td>Add example for iBeacon, Eddystone and iBS01</td>
</tr>
<tr>
<td>Aug 7, 2019</td>
<td>3</td>
<td>Add example for iBS02/iBS03/iBS04</td>
</tr>
</tbody>
</table>