

## Change Statement

Name of manufacturer: Murata Manufacturing Co., Ltd.

Address: 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555, Japan

Product Name: LoRa+Wi-Fi+GNSS Module

Model Number: LBAA0XV2DT

Trademark: Murata

This update is based on the original FCC ID and IC:

Original Name of manufacturer: Murata Manufacturing Co., Ltd.

Original Address: 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555, Japan

Original Product Name: LoRa+Wi-Fi+GNSS Module

Original Model Number: LBAA0XV2DT

Original Trademark: Murata

Original FCC ID: VPYLB2DT issuing date:2023.11.6

Original IC: 772C-LB2DT issuing date:2023.11.15

Only two modes were added through software. Add two new modes as listed below. There are no changes to the product. Everything else has remained unchanged

The LoRa radio can also operate as Sidewalk definitions as below.

| Modulation      | Channel | Frequency | Signal Bandwidth | SF | Duty cycle |
|-----------------|---------|-----------|------------------|----|------------|
| CSS             | #       | MHz       | kHz              |    |            |
| SubG-CSS 2 kbps | 1       | 902.5     | 500              | 11 | NA         |
|                 | ...     | ...       |                  |    |            |
|                 | 31      | 926.5     |                  |    |            |

Table 5.4 SubG-CSS Channel allocation for Region 2

NOTE 1: Channel spacing for SubG-CSS is 800 kHz.

NOTE 2: Channel 26 is the default working channel.

| Modulation   | Channel | Frequency | Frequency Deviation | Modulation index | BT |
|--------------|---------|-----------|---------------------|------------------|----|
| FSK          | #       | MHz       | kHz                 | #                | #  |
| GFSK 50 kbps | 1       | 902.2     | 25                  | 1                | 1  |
|              | ...     | ...       |                     |                  |    |
|              | 129     | 927.8     |                     |                  |    |

Table 5.5 FSK Channel allocation for Region 2.

NOTE: Channel spacing for SubG-FSK is 200 kHz. Sixty-nine channels are used in Amazon Sidewalk.

|               |                        |
|---------------|------------------------|
| N/A           | <i>K. Hayashikoshi</i> |
| Title         | Signature              |
| 2024/4/3      | KENJI HAYASHIKOSHI     |
| Date of issue | Full Printed Name      |