
PCN : Firmware Change Notification New FW AXN 5.19

GNS701

confidential information notification

INTRODUCTION

AIROHA (formerly MEDIATEK) recommends to update the firmware of the GNSS modules regularly. The firmware updates serve on the one hand to improve performance and on the other hand to eliminate minor errors.

TECHNICAL BACKGROUND

Compared to the current firmware AXN 5.18 the following changes are commented:

- *Modify the mechanism of the four-year interval number (i.e., N4) when the current calendar number of day (i.e., NT) is rolled over. It will make sure that the GLO SVs are used for positioning without affected by the rollover event.*
- The GNSS reception is extended uniformly for all customers to the simultaneous reception of GPS + GLONASS + GALILEO. For customers who still need **only GPS + GLONASS** receivers, a customized firmware can be provided on request.

COMPATIBILITY

The new firmware is fully compatible with the firmware used so far, there are no functional restrictions. Any existing customer-specific options are considered.

TIME SCHEDULE

The new firmware AXN 5.19 will be used since Jan 23rd, 2020.

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