Product Change Notification

PCN No.	Quectel_PCN_2021102006	Date of Issue (DD/MM/YYYY)	20/10/2021

1. General Information

Type of Change	Firmware upgrade
Description of Change	For LC79D module: Quectel will release an upgraded firmware version (LC79DANR01A06S). This version contains few bug fixes for the previous production firmware, and as well a bug fix for the GPS week rollover problem. Please refer to the release note for more details.
Reason for Change	The existing (LC79DANR01A05S) and older firmware versions have GPS Week Rollover issue. This event that will occur on 22th August, 2022 will lead into a problem with the UTC info reported by the module (it be unavailable). This issue has been fixed in the upgraded version (LC79DANR01A06S), extending the GPS Week Rollover date to 11th August, 2035. Besides for bug fixes, the overall performance has been optimized. Therefore, Quectel will switch to LC79DANR01A06S and later versions to ensure supply chain stability and meeting the market demand.

2. Products Affected

Model	Ordering Code
LC79D	LC79DAMD

Sample Release Date:

Samples of Post-Change Products will be available as of 01/11/2021 (DD/MM/YYYY).

Proposed First Shipment Date:

The shipment of Post-Change Products will start on 01/12/2021 (DD/MM/YYYY) unless Quectel receives a prior notice of refusal.

3. Customer Impact and Recommended Action

If customers do not switch the firmware version, the following problems will show up when the GPS week rollover problem occurs:

1. UTC Date Error: Date will be 2003/1/5 after 2022/8/21.
2. As Beidou and Galileo can't participate in positioning, the performance will be degraded.
3. AGNSS functions cannot be used.

Therefore, in order to ensure the normal operation of existing equipment, including those already in field, customers are required to upgrade the firmware version to LC79DANR01A06S.

4. Customer Acknowledgement of Receipt

Please acknowledge the receipt of this PCN and submit your acknowledgement response by sending an email to info_PCN@quectel.com by the Proposed First Shipment Date.

Lack of acknowledgement of the PCN and/or the acknowledgement response within the said time limit constitutes tacit acceptance; thus, Quectel shall implement the change as indicated above.

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