

Engineering Change Notice (NMEA Sentence Output)

M10478-A3
M10578-A3



The NMEA Sentence Output had an implemented engineering change due to chip supplier upgrade. This change of release has no effect on any hardware design. No hardware changes have been made to the module.

Firmware Revision:	AN-10-0017-A
Description of change:	MT3333 FW update to modify Talker ID for NMEA sentences for –GGA; --GSA; --VTG; --RMC. Additional function for elevation mask
Change Effective by:	December 2016

MediaTek Upgrade Description

Update to Firmware code.

Changes
Default NMEA Identifier Sentence Output
Enables Elevation mask filter to be used (PMTK_API_SET_ELEV_MASK)

Description of Changes

The 2-digit Talker ID is shown below as a reference. Please see the *MTK NMEA Sentence Output* document for the detailed definition and full list of explanation to the identifier.

Default Talker ID update table

	FW: AN-10-0016-A	FW: AN-10-0017-A
NMEA Sentence	Previous Talker ID	Updated Talker ID
--GGA	GP	GN
--GSA	GP; GN	GP; GL
--VTG	GP	GN
--RMC	GP; GN	GN

Description of Effects

No hardware or performance changes were made to the module. The effects will only be limited to the compatibility of software, only if the methodology of parsing NMEA sentence is not fully developed enough. If the algorithm did not include all the circumstances of different identifiers instructed within document "**M10478 & M10578 Modules MTK NMEA Sentence output**" then software changes will be required.

Part identification

Modules with the updated FW version are identified on the packaging label with the new FW code AN-10-0017-A shown below:

