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To whom it may concern,

Hereby we, SIMCom Wireless Solutions, inform that SIM868 and SIM868E products are developed on MT2503 MediaTek chipset, which is solution combining 2 independent core cellular MT6261 Mediatek and GNSS MT3333 Mediatek at one crystal. Solutions MT6261 are using by SIMCom and stand-alone SIM800x series cellular modules, and MT3333 are widely using by SIMCom at stand-alone GNSS modules SIM68x and SIM33ELA series. It means chipsets and it's core firmware in such solutions are the same.

From SIM868/SIM868E module side:

1. Power supply of GSM and GNSS parts are independent and works independently
2. AT commands for SIM800x series and SIM868/SIM868E are the same and listed in one common document: «SIM800 Series_ AT Command Manual»
3. All secondary Applications notes for SIM800x series and SIM868/SIM868E are released in same documents (over 22 specific App Notes).

It shows, that from core engine combo-solutions SIM868/SIM868E are same as combination of SIM800x + SIM68x and from modules software side are same and follow same documentation.

Besides it SIM868/SIM868E brings advantages as less PCB size due to compact platform size: 15.7 x 17.6 mm, already matched circuit between MT6261 and MT3333 inside module, flexible operation with GNSS part: independent or through GSM part via UART, BLE 4.0 support in SIM868E, and all needed interfaces and software features like TCP/UDP/FTP/HTTP/MMS/DTMF/LBS/EAT, UART/USB/SD/ADC/GPIO/Analog audio interface and etc.

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