

Statement and explanations

The host Cube GPS (FCC ID: **2AP3S-CUBEGPS**) is a new product with one certified module nRF9160 (Module ID: 2ANPO00NRF9160 ,Grant Date:06/06/2019) integrated. The referenced module report number is : NIE: 58741RRF.003

This module is a single modular and it was integrated into the host.

Module supports LTE Cat-M1 Band2/4/5/12/13/14/17/25/26/66 and Cat-NB1 Band2/4/5/12/13/17/25/26/66. But the host with the intergrated module nRF9160 only supports LTE Cat-M1 Band4/13, it disable other bands by software. And Host supports WiFi RX only. It doesn't transmit any data and collects surrounding wifi hotspot information.

nRF9160 module comes without antenna. It got certified with an external cellular antenna. But that antenna is a reference design only and cannot be used for all applications. The user manual lists requirements about antenna for manufacturer (section 2.3 on P5 and section 7.2 on P22). The antenna gain of EUT is compliance with module requirements.

Bureau Veritas 7Layers Communications Technology (Shenzhen) Co. Ltd have performed SAR for the host and the ERP/EIRP and RSE re-tested. Please refer to the lab test results accordingly.

Should you have any question or comment regarding this matter, please have my best attention.

Sincerely yours,



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