

Modular Approval Request Letter

Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

May 10, 2022

Dear Application Examiner,

ST Electronics (Satcom & Sensor Systems) Pte Ltd., Long Range K-band Microwave Sensor, FCC ID: VECDF8 would like to have your authorization as a modular approval specific to the mobile RF exposure condition.

The requirements of KDB996369 have been met and shown on the following statements.

1. "The modular transmitter must have its own RF shielding." The radio portion of this module has been shielded, please see exhibition External Photo.
2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs, it is integrated in chip DF800.
3. "The modular transmitter must have its own power supply regulation." The part number of this regulator is LP2985-33DBVRE4.
4. "The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C)." The EUT meets the FCC antenna requirements. The module uses a permanently attached integrated antenna.
5. "The modular transmitter must be tested in a stand-alone configuration" The EUT was tested in a stand-alone configuration via a USB extender. Please see section Photographs of Test Configuration in the test report, the EUT was plugged in this extender.
6. "The modular transmitter must be labeled with its own FCC ID number." Please see exhibition Label Sample for the FCC ID of this module. And also in the exhibition Users Manual, there are instructions give to the OEM on how to label the end product.

7. "The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements." The EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the Users Manual.
8. "The modular transmitter must comply with any applicable RF exposure requirements." The EUT is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the RF exposure exhibition.

Please contact me if you have any further questions. Thanks for your attention.

Best Regards,



Andrea Hsia
Supervisor
Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch