



Dear Industry Canada / FCB and FCC / TCB representative,

We request “**Modular Approval**” (MA) for our RES-2100-SGM30XA module. This is in accordance with RSS-GEN section 7.1.2 and FCC Part 15, Subpart C, Section 15.212.

This device is a complete RF transmitter, i.e., it has its own reference oscillator (e.g., VCO), antenna, etc. The only connectors to the module, are power supply and modulation/data inputs.

Conditional Compliance with Industry Canada Safety Code 6 RF Exposure requirements and FCC Maximum permissible exposure and is passing and is calculated in accordance with the test report. OEM integrators are advised in the provided module documentation of the documentation requirements they must incorporate to satisfy RF exposure requirements.

We are aware that the end device into which an authorized module is installed is may not be required to obtain a new authorization for the module, however this does not preclude the possibility that some other form of authorization or testing may be required for the device (e.g., a WLAN into which an authorized module is installed must still be authorized as a PC peripheral, subject to the appropriate equipment authorization).

The modular transmitter has its own RF shielding for the radio portions of the device.

The modular transmitter has buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with RSS-210 requirements under conditions of excessive data rates or over-modulation

The modular transmitter must has its own power supply regulation. This is intended to ensure that the module will comply with Part 15 requirements regardless of the design of the power supplying circuitry in the device into which the module is installed.

The modular transmitter complies with the antenna requirements of RSS-210 and FCC part 15. The antenna used is a PCB trace antenna with no provisions for field replacement.. The antenna to be used with the module is included with the test report. Any additional antennas will result in a Class II permissive change or another certification.

The modular transmitter was tested separately and was also tested in a typical host unit, as documented in the accompanying test reports. The tests in the typical host unit shows the module is capable of meeting the RSS-210 and Part 15 emissions limits for power line conducted emissions, although the unit relies on DC power from the host.

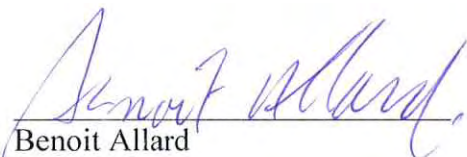
The modular transmitter will be labeled with its own IC/FCC ID number, and, if the IC/FCC ID number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed will also display a label referring to the enclosed module. This exterior label of such products will use wording such as the following: “Contains Transmitter Module IC: 6028A-G30SGM30XA” and “FCC ID: TMB-G30SGM30XA”. Included in our application is an example of this label.



Documentation regarding the use of this module explains this requirement.

The modular transmitter complies with any applicable RF exposure requirements, as per the test report. The end device manual will provide specific installation and operating instructions for users, installers and other interested parties to ensure compliance, such as that 'a minimum distance of 20 cm between the antenna and any person is to maintained during operation'.

I the undersigned attest that I am an authorized representative of Manufacturer and attest to the above.


Benoit Allard