
Attn: Reviewing Engineer
Federal communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

July 21, 2020

RE: PART 15 UNLICENSED SINGLE MODULAR TRANSMITTER APPROVAL

To whom It May Concern:

We, PIXXGEN Corporation., Hereby requests a Modular Approval of our Wireless Module, described as follows:

Model name: PG11

FCC ID: 2AWVMPG11

In FCC Public Notice DA 00-1407 released June 26, 2000 there are eight numbered requirements that our Wireless module complies with.

- 1. The modular transmitter must have an own shielding :** The radio portion of this module has been shielded by shieldcan.
- 2. The modular transmitter must have buffered modulation/data inputs. :** This module has a Realtek (RTL8812BU-CG) and it controls transmitters (WLAN/BT, SWB-B80 and Zigbee, EM3587)
- 3. The modular transmitter must have its own power supply regulation. :** The PMIC (APW7101BI) Contain an own voltage regulation. In case of changes in the supply voltage MAIN_BAT (for example caused by temperature changes or other effects), the internal voltage will be stabilized.
- 4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c:** This module is equipped with a Dipole Antenna. For further details please refer to the antenna data sheet included in the filing.
- 5. The modular transmitter must be tested in a stand-alone configuration:** This module was tested in a stand-alone configuration.
- 6. The modular transmitter must be labeled with its own FCC ID number:** This module is labeled with its own FCC ID number, Please see product label design and the external photograph of the device

with this label submitted with the application.

7. The modular transmitter must comply with any specific rule of operation requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements: This module 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: This module is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the test report.

Sincerely,



Name: Jong myung, Shin

Title: RA Manager

Company: PIXXGEN Corporation.
