

Single Modular approval Declaration letter

We , [Grid Connect Inc.](#) apply Single modular approval for

Product Name: [GC-WIFI300-SMT-01](#)

Model: [GC-WIFI300-SMT-01](#)

FCC ID: [2AFC3WIFI300SMT01](#)

According to 996369 D01 Module Equip Auth Guide v01r04 and 15.212 requirement:

1) The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;

[Answer : Yes, both side shielded](#)

2) The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;

[Answer : Yes ; All inputs to the modules are buffered through logic or microprocessor inputs.](#)

3)The modular transmitter must have its own power supply regulation.

[Answer : Yes ; A low drop out regulator is used for modular power supply regulation.](#)

4) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);

[Answer : Yes ; Device is equipped with PCB antenna, integral antenna and external antenna port with reversed polarity non standard antenna port.](#)

(5) The module must demonstrate compliance in a stand-alone configuration;

[Answer : Yes , distance between modular and all AEs are longer than 10cm , refer to setup photo.](#)

(6) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements);

[Answer : Yes ; The modular has a permanent fixed label, and below statement was listed in the User Manual;The host device must be labeled to display the FCC ID of the module Contains FCC ID: 2AFC3WIFI300SMT01](#)

(7) The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;

[Answer : Yes ; The module comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee, Refer to test report and user manual .](#)

(8) The module must comply with RF exposure requirements

Answer : Yes ; Transmitter meets MPE calculation of 47 CFR 1.1307 . Refer to MPE Reports and Refer to modular installation manual

Yours sincerely,

Signatory



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