

## LIMIT Modular approval Declaration letter

We , apply limited modular approval for

Product Name: RF Module

Model: RF8920N-M

FCC ID: 2AR7I-RF8920N-M

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 : No, the module have not any shield.*

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 ; The module a permanently attached antenna.(PCB antenna)*

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

*Answer : NO, distance between modular and all AEs are shorter 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 Users Manual;The host device must be labelled to display the FCC ID of the module Contains FCC ID: 2AR7I-RF8920N-M.*

(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 RF Exposure Letter and Refer to modular installation manual*

**AFX Inc.**

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*Greg Weisse*

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