

Single Modular approval Declaration letter

We, apply Single modular approval for

Product Name: ADA789

Model: ADA789

FCC ID: 2AOM8-ADA789

According to 996369 D01 Module Equip Auth Guide v02and 15.212 requirements:

- 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 are processed as data by the on-board microcontroller. The outside host has no direct control of transmit modulation.

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

Answer : Yes ; the operating rang of the module is 3.0V ~ 3.6VDC. The output power and the frequency are relatively invariant to supply voltage. This is implemented by internal DC-DC converter and brownout detector.

- 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.

- (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: 2AOM8-ADA789

- (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

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