

Modular approval Declaration letter

We, Connect One Ltd. apply limited modular approval for

Product: Nano wiReach 2nd Generation 802.11b/g/n (BRD-SMG2N1)

Model: iW-SMG2N1

FCC ID XM5-SMG2N1

According to KDB 996369 D01 Module Equip Auth Guide v01r04 and part 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.

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 unique antenna with reversed connector.

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

Answer: Yes. Refer to test report.

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 labelled to display the FCC ID of the module 'Contains FCC ID: XM5-SMG2N1'

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 Part 1.1307. Refer to MPE Reports and Refer to modular installation manual. The modular comply with RF exposure requirement for mobile and fix use configuration, with the separation distance between the user and the device's radiating element must be greater than 20 cm.

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Connect One Ltd.	
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Dated this	2014-8-29
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By:	Avi Provizor
	
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