

Date: November 24, 2014

Federal Communications Commission  
 Equipment Authorization Branch  
 7435 Oakland Mills Road  
 Columbia, MD 21046

To Whom It May Concern:

We, Johnson Outdoors Marine, request modular approval certification for module name, ASRC. Our equipment, designated with the FCC ID 2AAHS-ASRC, meets the requirements as demonstrated in the following table.

Modular approval requirement	Yes	No
(i) The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.		No. Explanation below
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.		No. Explanation below
(iii) The modular transmitter must have its own power supply regulation.	Yes.	
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c). The antenna must either be permanently attached or employ a "unique" antenna coupler (at all connections between the module and the antenna, including the cable).	Yes.	
(v) The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with part 15 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in § 15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see § 15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is	Yes.	

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unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see § 15.31(i)).		
(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	Yes.	
(vii) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.	Yes.	
(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Yes	

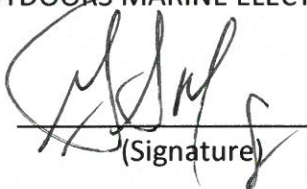
(i) The module does not have a shield, but has been tested in all current hosts. The hosts still pass all certifications. Any new devices will be checked against these original devices to ensure that they test as good or better. Only Johnson Outdoors Inc will be using this module. This module is not for sale as a module, but only integrated into a host device.

(ii) All modulation inputs are internal to the module.

Thank you,

JOHNSON OUTDOORS MARINE ELECTRONICS, INC.

By:

  
 (Signature)

GREG S. MASSEY  
 (Print name)

Title: Director of Engineering

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