



MULTIPLEX Modellsport GmbH & Co.KG • Westliche Gewerbestr.1 • D-75015 Bretten

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To whom it may concern,

RE: Request for modular approval

Model: WSRX2.4GHz

FCC ID: 2APABWSRX

We formerly request modular approval on the above reference device pursuant to the requirements of FCC publication 996369 D01 for modular approval of Part 15 devices.

Modular approval requirement	Yes	No	Comment*
(a) The radio elements of the radio frequency circuitry must be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The radio elements are shielded by PCB ground plane. No external capacitors are used.
(b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable FCC rule part under conditions of excessive data rates or over-modulation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
(c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Input Voltage is 5V, there is a LDO regulator to 3.3V on the module.
(d) The module must be certified with specific antennas and these antennas must be contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Lambda/4 wire antenna is connected with a U.FL antenna connector. There is no possibility to unplug the antenna.
(e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device <i>during testing</i> .	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
(f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Label with FCC ID: 2APABWSRX Model: WSRX2.4GHz



(g) The module shall comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions provided by the grantee.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The modular transmitter meets the requirements when integrated into host configuration.
(h) The module must comply with RF exposure requirements	<input type="checkbox"/>	<input checked="" type="checkbox"/>	During normal operation, user extremities never come within 20cm of the WSRX RF-Module. Our analysis shows that the evaluated device qualifies for exemption from SAR testing

\* Please provide a detailed explanation for each item

The module is only used in the UAV Trinity. The modem is also manufactured by Multiplex. The Module will never used in other appliances.

Based on the above information this request is for:

LIMITED  SINGLE modular approval.

Sincerely,

Tobias Lauber  
10/5/2020

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