ENCINITAS LABORATORIES, INC.

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RE: Request for modular approval
Model: 9271
FCC ID: 2ALVR9271

To whom it may concern,
We formally request modular approval on the above reference device pursuant to the requirements of FCC Part 15.212.

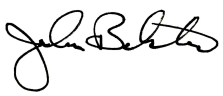
Modular approval requirement	Yes	No	Comment*
(a) The radio elements of the radio frequency circuitry must be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.	☒	☐	Our request is for a PCBA that includes the RF circuitry in addition to the computer processor circuitry. The RF circuitry of the PCBA is shielded.
(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.	☒	☐	Refer to Theory of Operation document.
(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.	☒	☐	Refer to the Power Management (PMIC) of the schematic diagram.
(d) The module must 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).	☒	☐	RSP-9003 uses an integrated antenna. RSP-9800 uses external antennas with a Reverse Polarity (R-SMA) connector.
(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 during testing.	☐	☒	The RF circuitry is an integrated portion of the PCBA, restricted to the RSP-9003 and RSP-9800 assemblies only (as shown in the test reports).
(f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display.	☒	☐	Refer to label artwork.
(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.	☒	☐	Refer to Installation & User Guide.
(h) The module must comply with RF exposure requirements	☒	☐	Refer to the RF exposure test report.

** Please provide a detailed explanation for each item*

(e) The module is not designed to operate as a stand-alone unit without the end-product (RSP-9003 or RSP-9800), which provides the physical enclosure, network/power connections (both RSP-9003 and RSP-9800) and internal antenna (RSP-9003). The end-product does not provide additional electrical/electronic components or software; as a result, full compliance of the module and end-product is not impacted.

Based on the above information this request is for: ☒LIMITED ☐SINGLE modular approval.

Sincerely,



John Belstner
7/6/2017