

Raveon Technologies Corporation
2320 Cousteau Ct
Vista, CA 92081 - USA

Date (5/02/16)
TUV SUD BABT TCB
Octagon House,
Segensworth Road,
Fareham,
Hampshire,
PO15 5RL

Modular Approval Request

FCC ID: SRS-M80-EA2

The following attestation addresses the requirements to support modular approval:

Modular approval requirement	Yes (provide brief statement)	No *
(a) 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	All radio elements are protected by the primary shield, as seen in the photographs of the unit.	
(b) 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	All I/Os are buffered and are routed to the CPU. The CPU controls all transmissions, including verifying that channel dwell time and duty cycle requirements are respected.	
(c) The module must contain power supply regulation on the module	Power supply is regulated, as shown in the block diagram.	
(d) 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)	The antenna connector is unique, an MMCX edge mount.	
(e) The module must demonstrate compliance in a stand-alone configuration	The test fixture used provides only the minimum connection capability needed for testing and does not perform any power filtering or add any additional shielding. The compliance tested was performed in a stand-alone configuration.	
(f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	A permanent label displays the FCC ID.	
(g) The module must comply with all specific rules applicable to the	The transmitter is compliant with all possible settings. The manual explains the compliance details	

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transmitter. The grantee must provide comprehensive instructions to explain compliance requirements	for settings, and the firmware notifies the user and falls back to a failsafe if any noncompliant settings are entered.	
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Modular approval requirement	Yes (provide brief statement)	No *
(h) The module must comply with RF exposure requirements	The module complies with RF exposure requirements.	

* Please provide a detailed explanation if the answer is "No."

Yours sincerely,

Adam Hickerson
 VP of Engineering
 Raveon Technologies Corporation
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