

**BOSCH****Automotive Service Solutions**

18 September 2019

Application examiner

Bosch Automotive Service
Solutions Inc.
655 Eisenhower Drive
Owatonna, MN 55060
USA
Telephone +1 507 455 7000
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Applicant: Bosch Automotive Service Solutions Inc.**FCC ID: 2AHLA-SP01500243**

To Whom It May Concern,

We are hereby applying for full modular approval of the above referenced
FCC ID, based on compliance with all of the criteria detailed below.

Yours sincerely

Eric Vande Zande
Senior Electrical Engineer

**Part 15 Unlicensed Single Modular Transmitter Approval Justification
per 15.212**

Requirement per 15.212	reference
(i) The radio elements of the modular transmitter must have their own RF shielding.	Yes Complies. Shielding is provided by a metal cover over the circuitry.
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	Yes Complies. The transmitter modulation/data inputs are not provided out of the module.
(iii) The modular transmitter must have its own power supply regulation.	Yes Complies. Power supply regulation is provided by circuitry on the module circuit board.



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(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	Yes Complies. The antenna is detachable from the module and employs a U.FL compatible connector. This application is intended for professional installation only.
(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 parameters.	Yes Complies. Testing was performed with the module extended outside of the host, as shown in the test setup photos.
(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. If the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	Yes Complies. A sample of the host label is provided as an exhibit, showing the FCC identifier of the module.
(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. The module complies fully with the operating requirements of FCC Part 15 Subpart C and E as demonstrated in the test report exhibit.



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(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Yes. This module operates under FCC Part 15 Subpart C and E and it meets the RF exposure requirements for mobile usage.
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