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Modular Approval Declaration Letter

Reason for Amendment (current / obsolete)	Revision History		Approved Date
	From	To	
Initial Release (Obsolete)	1.0	1.0	Dec-04-2006
Added IC Modular Letter (Obsolete)	1.0	2.0	Feb 16 2009
Add LMA and MA option (Obsolete)	2.0	3.0	April 14 2010
Revised per RSS Gen issue 3.0 (Obsolete)	3.0	4.0	Jan 12 2011
Removed Foot(2) (obsolete)	4.0	5.0	July 19 2011
Adding New note per KDB996369 D01 V01R03 (obsolete)	5.0	6.0	August 29 2011
Updated company template & Added text box (obsolete)	6.0	7.0	Jan-31-2012
Updated modular requirement (obsolete)	7.0	8.0	Sept 05 2014
Updated template to meet RSP 100 issue 10 (obsolete)	8.0	9.0	Nov 20 2014
Updated template to meet RSP 100 issue 11 (obsolete)	9.0	10.0	March 19 2015
Revised the Modular Requirement statements (obsolete)	10.0	11.0	July 28, 2016
Updated template with BV logo (current)	11.0	12.0	June 26, 2019

(Company Letter head)

Phorus, Inc.
5220 Las Virgenes Road,
Calabasas, California 91302, United States

Date: 2019-12-17

(Wireless module) FCC ID : 2AAWQ-CAPRICA5

is seeking FCC Authorization as a **Single Modular Transmitter** / **Single Limited Modular Transmitter** (Please check one)
The EUT meets the requirements for **Single Modular Approval** / **Single Limited Modular Approval** (Please check one)
as detailed in KDB 996369. Compliance to each of the requirements is described below:

Item	Modular requirement	Yes	No	Please provide a detailed explanation if the answer is "No."
1	Have its own RF shielding	√		
2	Have buffered modulation/data inputs (if such inputs are provided)	√		
3	The modular transmitter must have its own power supply regulation.	√		
4	Meet the antenna requirements of section 15.203	√		
5	Be tested in a stand-alone configuration, i.e., the antenna, AC or DC power and data input/output lines must be connected to the module but, the module must not be inside another case during testing.	√		
6	Be labeled with its own FCC ID number, and 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.	√		
7	The modular transmitter is manufactured so that the user can not influence the operation of the transmitter that will operate outside of the scope of the regulations.	√		
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093.	√		

Note:

- (1) LMA may be granted when one or more of the requirements in the table above cannot be demonstrated. LMA will also be issued in those instances where applicants can demonstrate that they will retain control over the final installation of the device, such that compliance of the end product is assured. In such cases, an operating condition on the LMA for the module must state that the module is only approved for use when installed in devices produced by a specific manufacturer. When LMA is sought, the application for equipment certification must specifically state how control of the end product into which the module will be installed, and will be maintained, such that full compliance of the end product is always ensured.
- (2) Please provide Clear and specific instructions describing the conditions, limitations and procedures for third-parties to use and/or integrate the module into a host device.
- (3) For non-Software Defined Radio transmitter modules where software is used to ensure compliance of the device, technical description of how such control is implemented to ensure prevention of third party modification must be provided (see KDB 594280).

Note 1: Compliance of a module in its final configuration is the responsibility of the applicant. A host device will not be considered certified if the instructions regarding antenna configuration provided in the original description, of one or more separately certified modules it contains, were not followed.

Example: A separately certified low-power transceiver module using Bluetooth technology which is housed in a desktop computer, laptop or peripheral does not require the overall system to be recertified, if the desktop computer, laptop or peripheral, as a stand-alone unit, complies with all applicable technical standards.

Client's signature :



Client's name / title : Matt Carroll / VP

Contact information / address : Tel: 8184361463; E-mail: matt@phorus.com / Phorus, Inc. 5220 Las Virgenes Road,
Calabasas, California 91302, United States

12/16/2019

(Product name) IC : 11138A-CAPRICA5

is seeking IC Authorization as a **Modular Transmitter** / **Limited Modular Transmitter** (Please check one).
The EUT meets the requirements for **Modular Approval** / **Limited Modular Approval** (Please check one)
as detailed in RSS GEN. Compliance to each of the requirements is described below:


Product Information			
PMN:	Caprica5	FVIN:	6.0.0.089 (To be upgrade-able)
HMN:	NA	IC Company Number:	11138A
HVIN:	Caprica5	UPN Number:	CAPRICA5

Modular Checklist/Information

For Modular Approval, the module shall meet all the requirements listed below. Please check () if the module complies with the stated requirement.

- The radio elements shall have the radio frequency circuitry shielded. Physical / discrete and tuning capacitors may be located external to the shield, but must be on the module assembly;
- 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 RSS standard under conditions of excessive data rates or over-modulation.
- 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 product which houses the module.
- The module shall comply with the provisions for external power amplifiers and antennas detailed in the applicable RSS standard. The equipment certification submission shall contain a detailed description of the configuration of highest antenna gain for each type of antenna.
- 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 product during testing.
- The module complies or will comply with applicable RSS-102 exposure requirements, in its intended configuration/integration in a host.

If a module(s) does NOT meet one or more of the above listed requirements, the applicant may request Limited Modular Approval (LMA). For LMA, please state details about why the above requirement(s) could not be met; and state how control of the end product, into which the module will be installed, will be maintained by the applicant / manufacturer, such that full compliance of the end product is always ensured:

Applicant/Agent Name:	Matt Carroll	Applicant/Agent Title:	VP
Applicant/Agent Signature:		Signature Date:	12-16-2019

Note:
(1) LMA may be granted when one or more of the requirements in the table above cannot be demonstrated. LMA will also be issued in those instances where applicants can demonstrate that they will retain control over the final installation of the device, such that compliance of the end product is assured. In such cases, an operating condition on the LMA for the module must state that the module is only approved for use when installed in devices produced by a specific manufacturer. When LMA is sought, the application for equipment certification must specifically state how control of the end product into which the module will be installed, and will be maintained, such that full compliance of the end product is always ensured.

Note 1: Compliance of a module in its final configuration is the responsibility of the applicant. A host device will not be considered certified if the instructions regarding antenna configuration provided in the original description, of one or more separately certified modules it contains, were not followed.

Example: A separately certified low-power transceiver module using Bluetooth technology which is housed in a desktop computer, laptop or peripheral does not require the overall system to be recertified, if the desktop computer, laptop or peripheral, as a stand-alone unit, complies with all applicable technical standards.