



Date: Feb 02, 2017

**TUV SUD BABT TCB**

Octagon House,  
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PO15 5RL

**Modular Approval Request  
FCC ID: T9JLG9271**

Modular approval requirement	Yes (provide brief statement)	No *
a) 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.	Yes, Physical metal shield on top of board; Internal ground plane provides bottom shield	
(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	Yes, No modulation inputs. Data inputs are over buffered SPI interface to the on board PIC24FJ128GB204 Microcontroller.	
c) The module must contain power supply regulation on the module	Yes, This module includes a supply voltage regulator part number MCP1727-18	
(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)	Yes, Module complies. Information on unique antenna connectors and antenna photo are shown in the test report.	
e) The module must demonstrate compliance in a stand-alone configuration	Yes, Compliance tested in standalone configuration. For testing, module was installed in carrier PCB to provide communication and control.	
(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)	Yes, Module complies. See photo in test report	



# MICROCHIP

(g) The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements	Yes, Module complies. See Module Datasheet.	
(h) The module must comply with RF exposure requirements	Yes, Module complies. Refer test report.	

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

If a module(s) does NOT meet one or more of the above requirements, the applicant may request Limited Modular Approval (LMA). For LMA, provide details regarding 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

Yours sincerely,

Steve Caldwell  
Vice President  
Wireless Solutions Group,  
Microchip Technology Inc.