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August 5, 2015 FCC ID: TMAELK-ALRT MODULAR APPROVAL LETTER Limited Modular Request

Modular Approval Requirement	Yes	No
(i) The radio elements of the modular transmitter must		
have their own shielding. The physical crystal and		Х
tuning capacitors may be located external to the		
shielded radio elements.		
Module does not have top side shielding=>Limited		
(ii) The modular transmitter must have buffered		
modulation/data inputs (if such inputs are provided) to	Х	
ensure that the module will comply with part		
15 requirements under conditions of excessive data		
rates or over-modulation.		
Contact closure inputs to microprocessor which then		
transmits the complete data packet.		
(iii)The modular transmitter must have its own power	Х	
supply regulation.		
Transmitter regulated to 3.3 volts.		
(iv) The modular transmitter must comply with the		
antenna and transmission system requirements of §§	Х	
15.203, 15.204(b) and 15.204(c). The antenna must		
either be permanently attached or employ a "unique"		
antenna coupler (at all connections between the		
module and the antenna, including the cable). The		
"professional installation" provision of § 15.203 is not		
applicable to modules but can apply to limited modular		
approvals under paragraph (b) of this section.		
Ceramic antenna PCB mounted on module.		
(v) The modular transmitter must be tested in a stand-	Х	
alone configuration.		
The module can operate standalone.		
(vi) The modular transmitter must be equipped with	Х	
either a permanently affixed label or must be capable		
of electronically displaying its FCC identification		
number.		
Permanently affixed label.		
(vii) The modular transmitter must comply with any		
specific rules or operating requirements that ordinarily		
apply to a complete transmitter and the manufacturer	Х	
must provide adequate instructions along with the		

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module to explain any such requirements. A copy of			
these instructions must be included in the application			
for equipment authorization.			
Installation instruction manual.			
(viii) The modular transmitter must comply with any			
applicable RF exposure requirements in its final	X		
configuration.			

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