



SMARTWARE
Le Carthagène
11, Avenue des Andes
91940 LES ULIS
FRANCE

To: Curtis-Straus LLC
Certification Department
527 Great Road
Littleton, MA 01460

Modular approval letter

Dear application examiner,

SMARTWARE, would like to have your authorization as a modular approval on the USN3e and MX3e-3I3P modules, with FCC ID: RPM-USN3D201 and IC: 4783A-USN3D201. The requirements of CFR 47 part 15.212 and RSS-Gen part 7.1.1 & 7.1.2 have been checked and shown in the following statement,

Modular transmitter requirement	Yes	No	Comment
(i) The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.	Yes		
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation.	Yes		
(iii) The modular transmitter must have its own power supply regulation.	Yes		
(iv) The modular transmitter must comply with the antenna and transmission system requirements of Sections 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 Section 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	Yes		
(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 requirements....	Yes		
(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. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: RPM-USN3D201 " or "Contains FCC ID: RPM-USN3D201 ." The exact wording is not specified in our Rules (since modules are not specifically addressed), so you may use similar wording which expresses the same meaning.	Yes		
(vii) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete	Yes		

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.			
(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Yes		

Additionally, SMARTWARE ask for that the following instruction should appear as a note on the final FCC Grant:

- In the final equipment, the maximum collocated transmitter modules should not be over 48.

Best regards,



Stéphane MEDIONI
Managing Direction
3-dec-2013