

Dated May 19, 2005

Federal Communications Commissions

Subject: Cover letter of Request for Modular Approval – MedNet Wireless Module for PlumA+ Infuser Models 20679, 11971-04 and 12391-04 (FCC ID STJ-20677)

Dear Application Examiner,

The Hospira, Inc. MedNet Wireless module for PlumA+ Infuser is seeking FCC authorization as a part 15 unlicensed modular transmitter approval. The requirements of the FCC public notice DA 00-1407 are met.

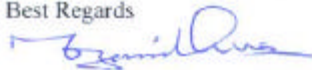
The following requirements are fulfilled.

1. **The modular transmitter must have its own RF shielding.**  
The radio portion of the module is contained in its own RF shielding. See photos in exhibit A.
2. **The modular transmitter must have buffered modulation/data inputs**  
The module has a memory management unit inside of the IC. It buffers the data inputs from USB.
3. **The modular transmitter must have its own power supply regulation**  
The IC contains an own voltage regulation. In case of changes in the supply voltage VCC (for example caused by temperature changes or other effects), the internal voltage will be stabilized.
4. **The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c)**  
The transmitter shall only be used with the tested integral antenna ...
5. **The modular transmitter must be tested in a stand-alone configuration**  
The EUT was tested in a stand-alone configuration, separated from the host by at least 10 cm. The module was set in a continuous transmit mode. See also the test report and test setup photos for more details.
6. **The modular transmitter must be labeled with its own FCC ID number**  
The EUT will be labeled with its own FCC ID number STJ-20677. The label is specified in the exhibit B. The label will be visible when the module is applied to the end product.
7. **The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements**  
The EUT is compliant with all applicable FCC rules. The module is professionally installed. Installation Instructions for the module are contained in the Exhibit attached as file No. 425-95537-002 titled Installing the Hospira Plug 'n Play Module List 20677) and the Technical Service Manual (extracts of relevant sections of Technical Service Manual are attached in file No sec 07.)
8. **The modular transmitter must comply with any applicable RF exposure requirements.**  
The maximum measured power output is 91 mW, the maximum antenna gain is -2.9dBi.

The Module has been test with Model No 20679 of the PlumA+ host device (See Exhibit Dosimetric Assessment Test Report). As a follow-up, SAR test will also be performed with the module integrated with model no 11971-04 and model no 12391-04 of the PlumA+ host device.

If you have any further questions please feel free to contact us.

Best Regards



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