



Date: 22/05/2013

Date:

Ref: Modular Approval (MA) Compliance Letter (FCC ID: Q3HTAG1200)

To: Federal Communications Commission

Subject: TAG1200 FCC ID: Q3HTAG1200 - MA compliance letter

This letter introduces AeroScout Ltd.'s request to approve its TAG1200 according to FCC Modular Approval procedure, and to demonstrate the means to control the module as required by the MA procedure.

The TAG1200 is specialty designed to monitor mobile assets tracking, and can be installed to a variety of equipment, such as medical devices, containers, manufacturing equipment and vehicles. This enables tagged items to be accurately located in real-time and in any environment – from tight indoor locations such as hospital floors to open outdoor spaces such as parking lots. The tag transmits a message to AeroScout Location Receivers or compatible Access Points in range. This provides instant acknowledgment that a tagged asset was moved. The AeroScout Visibility System can detect record and report the moving and actual location of the assets in medical environment.

The TAG1200 as a module is not sold separately.

The module incorporates an integral antenna its EIRP does not change between the hosts other than changes created by the host units shape influence.

Due to all the above mentioned, AeroScout Ltd feels that the testing conducted by ITL to the various hosts, with the fact that AeroScout Ltd. markets the TAG1200 for use only in the hosts submitted in this application and the host manufacturer has been instructed (in the user manual) not to insert the TAG1200 in any host not included in this application, assure complete compliance with FCC MA procedure.

As per § 15.212 Modular transmitters: Single modular transmitters must meet the following requirements to obtain a modular transmitter approval.		
Requirement	Not Maintained	Maintained
(1) 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
(2) 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
(3) The modular transmitter must have its own power supply regulation.		Yes
(4) The modular transmitter must comply with the antenna and transmission system requirements of §§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.		Yes

As per § 15.212 Modular transmitters:

Single modular transmitters must meet the following requirements to obtain a modular transmitter approval.

Requirement	Not Maintained	Maintained
<p>(5) The modular transmitter must be tested in a stand-alone configuration, <i>i.e.</i> , the module must not be inside another device during testing for compliance with part 15 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in §15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see §15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see §15.31(i)).</p>		Yes
<p>(6) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.</p>		Yes

Thank you,



Signature:

Printed Name: Reuven Amsalem

VP HW R&D
AeroScout Ltd.