

From: Jason Centers ES-LEX
Sent: Thursday, March 29, 2007 7:31 PM
To: Roland Gubisch ES-BOX
Cc: Bryan Taylor ES-LEX; Terre Wolak ES-ATL
Subject: RE: TCB certification review of Midmark FCC ID: U399A408F, H and T

Attachments: 9A408H Hand Remote FCC Part 15 IC report.pdf; 9A408F Wireless Foot Controller FCC Part 15 IC report.pdf; 9A408F Procedure Table FCC Part 15 IC report.pdf; U399A408T-Confidentiality.pdf; U399A408H-Confidentiality.pdf; U399A408F-Confidentiality.pdf

Hi Roland,

I have attached updated confidentiality requests to address administrative points 1 & 2.

I have also included updated reports to correct Technical points 1 & 2. I have updated the Spurious emissions test results and test procedure sections to include Band-Edge plots & procedures. A sample calculation is included in the spurious emissions and receiver emissions sections.

For **FCC ID: U399A408H**, the test was performed with the device oriented in 3 orthogonal axes. Only the results for the worst case axes is reported. This was stated the test results section. I have also included it in the test procedure section.

If there are any further issues, let me know.

Regards,
Jason

From: Roland Gubisch ES-BOX
Sent: Tuesday, March 27, 2007 4:17 PM
To: Bryan Taylor ES-LEX
Cc: Jason Centers ES-LEX; Terre Wolak ES-ATL
Subject: TCB certification review of Midmark FCC ID: U399A408F, H and T

Bryan,

Review of these applications is complete and the following points common to all three applications are noted:

ADMINISTRATIVE

(1) The request for confidentiality specifies the internal photos. The FCC only allows internal photos to be kept confidential if a) the device is potted or otherwise permanently sealed, so that attempting to open it would destroy it, or b) the device is installed and serviced by professionals under the control of the vendor, and cannot be opened by others. The client should delete internal photos from the confidentiality request, or ask for short-term (45-day) confidentiality.

(2) Request for confidentiality, last paragraph: any listing or mention of fees should be deleted.

TECHNICAL

(1) Separate plots are needed to confirm band-edge compliance at the lowest and highest channels. The bandwidth of the device is claimed to be 5 MHz, and it is not clear that the 20 dB bandwidth remains within the permitted band. The plots should also show compliance in the nearby restricted bands of 2310-2390 MHz and 2483.5-2500 MHz

(2) The test reports should include a sample calculation in accordance with 2.1033(b)(6).

In addition, this comment applies to a specific application:

FCC ID: U399A408H

This appears to be a hand-held device, but there is no indication in the test report that the EUT was rotated in 3 axes during testing to maximize emissions, in accordance with ANSI C63.4-2003 clause 13.1.4.1(c). Please clarify.

Certification can proceed as soon as these points are addressed.

Thank you,
Roland