

## Chris Harvey EMC

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**From:** CHarvey@metlabs.com  
**Sent:** Monday, November 10, 2003 8:54 AM  
**To:** emc@itl.co.il  
**Cc:** charvey@ieee.org  
**Subject:** RE: FCC ID Application AeroScout Tag-Bluesoft MT#14648

Shaike, the following items are resolved:

- 1) the Label is legible and removes the ambiguous FCC compliance statement.
- 2) the explanation of the placement of the 15.19 mstatement in the users manual is acceptable.
- 3) the revised manual with teh 15.19 statement is acceptable.

However your response regarding the Power Spectral Density is not clear. I have copied the section of the DTS Measurement Guide here fr reference:

"Section 15.247(d): Power spectral density. Locate and zoom in on emission peak(s) within the passband. Set RBW = 3 kHz, VBW > RBW, sweep= (SPAN/3 kHz) e.g., for a span of 1.5 MHz, the sweep should be  $1.5 \times 10^6 / 3 \times 10^3 = 500$  seconds. The peak level measured must be no greater than + 8 dBm. If external attenuation is used, don't forget to add this value to the reading. Use the following guidelines for modifying the power spectral density measurement procedure when necessary."

I can not see from the documentation how you have complied with this requirement. The measurement in the original report has a span of 20MHz and a sweep of 6.67 seconds.

Please provide a detailed procedure as to how this requirement was met.

I will await the response to this request as well as the re-send of the 'orientation' document and clarification that the orientation information is provided to teh users/installers.

Please contact me if there are further questions.

Best regards,

Chris Harvey

charvey@ieee.org

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David, a small issue has already arisen. The FCC ID for this device will be FCC ID: Q3HBS2030 -0. The Label could be a bit better in legibility of the FCC ID, but especially the FCC required text per FCC 15.19(a)(3). The Statement required by 15.19(a)(3) is not complete on the label. Since this device is fairly small, you can request that the statement required on the device per FCC 15.19 be placed in the Users Manual in accordance with 15.19(a)(5). Please either revise the label to have the legible and complete 15.19(a)(3)

statement, or submit a request to include this statement in teh Manual along with the revision to the Users Manual. -----Original Message-----

From: EMC

To: Chris Harvey (E-mail)

Sent: 11/10/2003 4:23 AM

Subject: RE: FCC ID Application AeroScout Tag-Bluesoft

Hi Chris,

In response to your various questions/comments regarding the subject application (emails from 06 November 2003). <<New Label.jpg>>

1. Attached is a new label (same size as the previous one ) with the FCC ID # printed larger.
2. Attached is a letter requesting the use of the statement per FCC 15.19 in the user manual. <<TAGFCCStatment.pdf>>
3. Attached is a revised user manual with the above statement included. <<AeroScout Tag UM v2 new.pdf>>
4. Concerning the E.U.T. orientation, according to the manufacturer, the product should be mounted only in the orientation shown in Figures 5 and 6 of the test report. Attached is the customer's email concerning this information. <<RE: FCC ID Application AeroScout Tag-Bluesoft>>

5. Concerning the Power density test:

5.1. In Figure 63, the "Reading" column relates to the spectrum analyzer Peak reading as given in Figures 60, 61, and 62 of the test report.

The "Final result" column includes the sum of "Reading + "Cable Attenuation" columns. "Cable Attenuation" relates to the loss of the coaxial cable connecting the E.U.T. to the spectrum analyzer.

5.2. The IF RBW was decreased below 3kHz and individual spectral lines spaced 8kHz were observed. (See attached plot <<G10.BMP>> ). Therefore use of RBW of 3kHz should be OK.

6. Thank you for your quick response.

Regards

Shaike Raz

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