From: <labo@smee.fr>
To: "Curtis-Straus Certification Dept." <certification@curtis-straus.com>
Cc: "Actions Mesures Labo" <Labo@smee.fr>
Sent: Thursday, January 16, 2003 9:33 AM
Attach: Oper_Descr__aeroli_Ver3.PDF; Test_Report_aeroli_verA1.PDF; Installation_AEROLI.PDF
Subject: Re: Tagsys FCC ID: QHK100AEROLI

Hi Barry

Q:On page 16 of the test report you report a frequency at 50C which is outside the required band and which fails the frequency stability requirements. Please explain.
1- Sorry for this error, the exact frequency with 50°C is 13.560015MHz (keying error, see the news values page 18 of test report), I validated this result with a second test performed today. It's OK.

Q:The conducted emissions data presented show failures at the fundamental frequency of the radiator. Please demonstrate that these emissions are not conducted down the power cord and onto the AC mains.
2- Page 13 and 14 of the test report, shown the conducted emission with a dummy load (50W) set on output connector of the MEDIO L100, I performed an another test with a dummy load set at end of Coaxial cable with ferrites provided with AEROLI (see page 15 and 16 the new test report file).

Q: Please confirm that the loop antenna position was rotated to locate the orientation that maximized emission reception during testing.
3- The loop antenna position was rotated during the test. (see test report VerA1 §4 page17 and §2.3.1 page 6)

Q: Please confirm that the product's fundamental amplitude did not vary significantly during voltage variation testing per 15.31 (e).
4- No significantly variation of the fundamental amplitude during voltage variation testing per 15.31(e) (see test report VerA1 §4 page17)

Q: Please supply a justification for professional installation as the antenna connector is not unique.
5- See the antenna requirement in the "user manual aeroli.pdf" .
- See Note §1.1 in the "Oper_Desc_aeroli_ver3" file. The equipment is professionally installed, and the operator can't access to the MEDIO L100. a
- See file "installatio_aeroli.pdf"

Best regards

Jacques LORQUIN

> ----- Original Message -----
> **From:** Curtis-Straus Certification Dept.
> **To:** labo@smee.fr
> **Sent:** Thursday, January 16, 2003 12:44 AM
> **Subject:** Tagsys FCC ID: QHK100AEROLI
>
> Hi Jacques,
>
> Our reviewers have identified the following issues:
>
> 1. On page 16 of the test report you report a frequency at 50C which is outside the required band and which fails the frequency stability requirements. Please explain.
>
> 2. The conducted emissions data presented show failures at the fundamental frequency of the radiator. Please demonstrate that these emissions are not conducted down the power cord and onto the AC mains.
>
> 3. Please confirm that the loop antenna position was rotated to locate the orientation that maximized emission reception during testing.
>
> 4. Please confirm that the product's fundamental amplitude did not vary significantly during voltage variation testing per

15.31(e).

5. Please supply a justification for professional installation as the antenna connector is not unique.

Best regards

Barry C. Quinlan
Certification Manager
Curtis-Straus TCB