

Chris Harvey

From: W Li [weili@ac-lab.com]
Sent: Monday, June 23, 2008 10:34 AM
To: Chris Harvey
Subject: RE: Avante International Technology, Inc., FCC ID: QJZPAVSTAG, Assessment NO.: AN08T8002, Notice#1
Attachments: Tag_side1.JPG; Tag_side2.JPG; Tag_inside1.JPG; Tag_inside2.JPG

Hi, Chris.

Attached are the clear Photos (with larger file size).

For such a short pulse, it should be OK for either 1s or 10s transmission interval, right? ($0.0005 \times 3600/1 = 1.8s$).

Regards,

Wei

Chris Harvey <charvey@ieee.org> wrote:

Wei, the plot in the test report shows continuous pulses without any description. Do you have plots of a full pulse train and a single 0.5msec pulse? I think the Technical Description (requested below) should help clarify this application.

Thanks,
Chris

From: W Li [mailto:weili@ac-lab.com]
Sent: Tuesday, June 17, 2008 9:09 PM
To: charvey-tcb@ccsemc.com
Subject: Re: Avante International Technology, Inc., FCC ID: QJZPAVSTAG, Assessment NO.: AN08T8002, Notice#1

Dear Chris,

Since this TX only sends less than 0.5ms pulse at no less than 10s interval, the total sending time is less than 2s in one hour duration. Therefore there could be less restricted requirement for this TX. Can we use more proper sec. of FCC requirement to simplify this application?

Regards,

Wei

charvey-tcb@ccsemc.com wrote:

Dear Wei Li,

You are listed as the Technical Contact for the above referenced TCB application. The following item(s) need(s) to be resolved before the review can be continued:

1. I see from the files that were uploaded that there is a file with a "2BA2C06F.tmp" name, which is not a valid file type. Please send me a replacement file for the application.
2. The external and internal photographs are not clear. Please update the photos with clear images.
3. The Operation Manual references an FCC ID number that includes a '-' which is not part of the FCC ID number as referenced in the rest of the application. Please confirm the FCC ID and update exhibits as needed.
4. Please submit a technical Operational Description exhibit required by the FCC Rules and referenced in the Confidentiality letter. The operational description should contain technical details of the modulation and pulses and transmission duration and repetition.
5. The block diagram indicates that the tag transmits at most every 10 seconds, but the Manual states that the tag is designed to transmit every second. The test report seems to indicate that this device is being submitted for approval in accordance with FCC 15.231(e), however no data showing compliance with the timing requirements of 15.231(e) have been provided. Please provide this data as required by FCC 15.231(e).
6. There is a plot labeled as Pulse train, but it shows 20ms of 28 pulses, each of approximately 0.5msec in duration. with no measurements of the actual duration of the transmissions from the first pulse to the last. This shows only the length of one pulse, not the pulse train. The 46dB correction factor is not justified by the data presented.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Best regards,

Chris Harvey
Charvey-tcb@ccsemc.com