

PCTEST TCB

From: Phil Inglis [jinglis@erols.com]
Sent: Monday, December 04, 2006 4:36 PM
To: PCTEST TCB
Cc: PCTEST - Al Cirwithian; PCTEST - Andrea Zaworski; PCTEST - Courtenay Geraghty; PCTEST - Gregory Czumak; PCTEST - Randy Ortanez
Subject: Re: Questions Regarding FCC ID: MHATML1
Attachments: SCREN235.GIF



SCREN235.GIF (16 KB)

Dear Mr. Czumak / PCTest TCB

In regard to your questions as follows:

1. This correspondence is to verify that the loop antenna has been confirmed to have been rotated 360 degrees on its vertical axis and also placed horizontally in an effort to maximize the emissions.
2. This is to also verify that the EUT was tested in 3 orthogonal planes.
3. Please find the attached plot showing there are no modulation products at or above the restricted band edge starting at 8.291 MHz from the product and compliance with the FCC rules is shown. It is noted that Industry Canada has a requirement to list the emission designator on their grant. For Industry Canada it is acceptable to use 250KA1D as the emission designator.

Phil

PCTEST TCB wrote:

- > To: Mr. Phil Inglis / TRPFrom: Mr. Gregory Czumak / PCTEST
- > TCBRE: FCC ID: MHATML1
- >
- > Applicant: Data Sciences International
- >
- > Correspondence Reference Number: MHA0771 Confirmation Number: 11270771
- > Date of Original Email: December 01, 2006
- > Subject: Request for additional information<?xml:namespace prefix = o
- > ns = "urn:schemas-microsoft-com:office:office" />In regards to your
- > recent TCB application referenced above, we kindly request that you
- > provide the following additional information.
- >
- > 1. Please verify that the loop antenna was rotated 360 degrees on its
- > vertical axis, and also placed horizontally, in an effort to maximize
- > the emissions.
- >
- > 2. Please verify that the EUT was tested in 3 orthogonal planes.
- >
- > 3. There is a Restricted Band (per Section 15.205) at 8.291 –
- > 8.294 MHz. The occupied bandwidth plot submitted in the test report
- > appears to show that a portion of the fundamental emission may fall in
- > this band. Please remeasure using a narrower RBW (still greater than
- > 1% of the occupied bandwidth), and show its relation to the referenced
- > Restricted Band, and submit the new plot.

>
> The items indicated above must be submitted before processing can
> continue on the above referenced application.
>
> Sincerely,
>
> Gregory Czumak
> Quality Manager
> Senior Certification Engineer
>
> PCTEST Engineering Laboratory, Inc.
> <?xml:namespace prefix = st1 ns =
> "urn:schemas-microsoft-com:office:smarts" />6660-B Dobbin Road
> Columbia, MD21045
> 410-290-6652
> 410-290-6654 (Fax)
> gregory@pctestlab.com
>
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>

Mkr1 8.2910 MHz
-88.32 dBm

Ref 0 dBm

Atten 30 dB

Peak
Log
10
dB/

Sweep Time
1.288 s

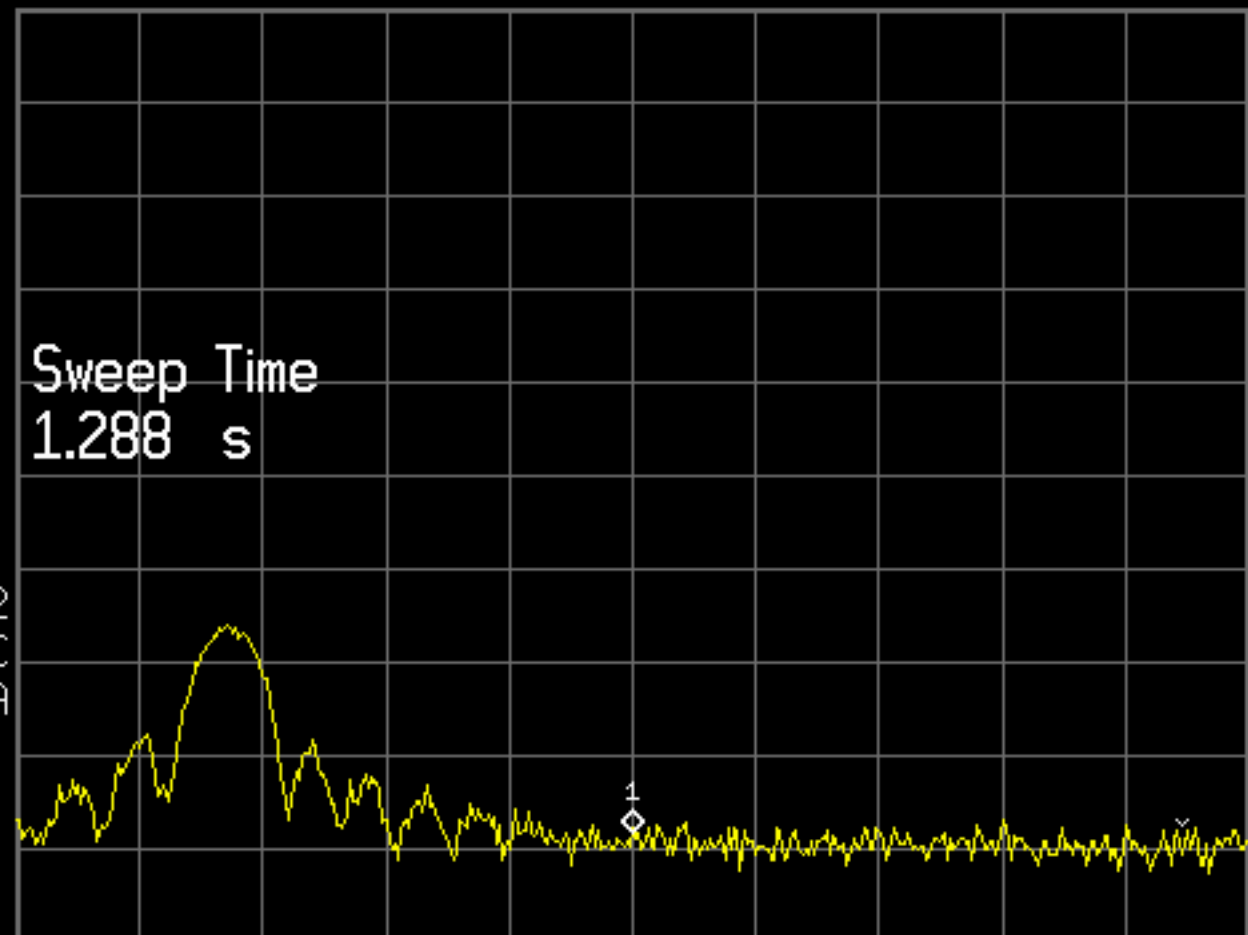
W1 S2
S3 FC
AA

PA

Center 8.291 MHz
#Res BW 1 kHz

#VBW 1 kHz

Span 1 MHz
Sweep 1.288 s (401 pts)



Sweep

Sweep Time

1.288 s

Auto

Man

Sweep

Single

Cont

Auto Sweep

Coupling

SR

SA

Points

401

Segmented