

Chris Harvey

From: Patty Huang [mltlab@seed.net.tw]
Sent: Tuesday, April 20, 2004 11:02 AM
To: Chris Harvey
Cc: Country Huang
Subject: Fw: Additional Information needed AN04T3802 FCC ID: REUWI011RE

Importance: High



manualr2.pdf (356 KB)

Chris,

As attachment please find as you request. I hope it is as you wish. Let us know if you have any questions. Have a good day.

Patty

> ----- Original Message -----
> From: <mltlab@seed.net.tw>
> To: "Chris Harvey" <Chrisharveyemc@comcast.net>
> Cc: "'Country Huang'" <tech@mlt.com.tw>; "'Chris Harvey'"
> <charvey-tcb@CCSEMC.com>; <patty@mltlab.com.tw>
> Sent: Monday, April 19, 2004 11:31 PM
> Subject: RE: Additional Information needed AN04T3802 FCC ID: REUWI011RE
>
>
> >
> > Dear Chris,
> >
> > Noted. I will ask our people to replace the following text as you
> suggested on
> > page 4 of 20 in pdf user manual and hope it will be done. Will send
> > the
> user
> > manual with your suggustion A.S.A.P.
> >
> > Federal Communications Commission (FCC) RF Exposure Requirements
> > This equipment complies with FCC radiation exposure limits set forth
> > for
> an
> > uncontrolled environment. This device is provided with an external
antenna
> > and minimum 20 cm spacing must be maintained between this PC
Card/antenna
> > and all person's body (excluding extremities of hands, wrist and
> > feet) during wireless mode of operation. Further, this transmitter
> > must not be co-located or operated in conjunction with any other
> > antenna or
> transmitter.
> >

> > Please let us know if you still have any further questions. Thanks

> > a

lot.

> >

> > With Best Regards,

> > Patty Huang

> >

> >

> >

> > ?? Chris Harvey <Chrisharveyemc@comcast.net>:

> >

> > > Patty, it looks like you removed too much information from the original

> > > manual. I would like to suggest the following text in order to be

> consistent

> > > with the rest of the application, although you can change this

> information if

> > > you wish.

> > >

> > >

> > >

> > > Federal Communications Commission (FCC) RF Exposure Requirements

> > >

> > > This equipment complies with FCC radiation exposure limits set

> > > forth

for

> an

> > >

> > > uncontrolled environment. This device is provided with an external

> antenna

> > >

> > > and minimum 20 cm spacing must be maintained between this PC

> Card/antenna

> > >

> > > and all person's body (excluding extremities of hands, wrist and

> > > feet)

> > >

> > > during wireless mode of operation. Further, this transmitter must

> > > not

be

> > > co-located

> > >

> > > or operated in conjunction with any other antenna or transmitter.

> > >

> > >

> > >

> > > Please replace the current text on the top of page 4 of 20 in the

> > > pdf manual.

> > >

> > >

> > >

> > > Best regards,

> > >

> > >

> > >

> > > Chris Harvey

> > >

> > >

> > >

> > > -----Original Message-----
> > > From: Patty Huang [mailto:mltlab@seed.net.tw]
> > > Sent: Friday, April 16, 2004 7:36 PM
> > > To: Chris Harvey
> > > Cc: Country Huang
> > > Subject: Fw: Additional Information needed AN04T3802 FCC ID:
REUWI011RE
> > > Importance: High
> > >
> > >
> > >
> > > Dear Chris,
> > >
> > >
> > >
> > > As attachment reviewed user manual as your request please find.
Thanks.
> > >
> > >
> > >
> > > Please let us know if it is accepted . Thanks for
> > >
> > > your attention.
> > >
> > >
> > >
> > > Have a good weekend.
> > >
> > >
> > >
> > > Regards,
> > >
> > > Patty Huang
> > >
> > > ----- Original Message -----
> > >
> > > From: Patty Huang <mailto:mltlab@seed.net.tw>
> > >
> > > To: Chris <mailto:Chrisharveyemc@comcast.net> Harvey
> > >
> > > Cc: 'Country Huang' <mailto:tech@mlt.com.tw> ; 'Chris
> > > <mailto:charvey-tcb@CCSEMC.com> Harvey'
> > >
> > > Sent: Friday, April 16, 2004 12:00 AM
> > >
> > > Subject: Re: Additional Information needed AN04T3802 FCC ID:
REUWI011RE
> > >
> > >
> > >
> > > Dear Chris,
> > >
> > >
> > >
> > > Thanks for your reply. For user manual revise as you request, will
keep
> you
> > > informed once it is available.
> > >

> > >
> > >
> > > Patty
> > >
> > > ----- Original Message -----
> > >
> > > From: Chris <mailto:Chrisharveyemc@comcast.net> Harvey
> > >
> > > To: 'Patty Huang' <mailto:mltlab@seed.net.tw>
> > >
> > > Cc: 'Country Huang' <mailto:tech@mlt.com.tw> ; 'Chris
> > > <mailto:charvey-tcb@CCSEMC.com> Harvey'
> > >
> > > Sent: Wednesday, April 14, 2004 11:28 PM
> > >
> > > Subject: Fw: Additional Information needed AN04T3802 FCC ID:
REUWI011RE
> > >
> > >
> > >
> > > Patty, I have reviewed the test report and can now accept that
document.
> > >
> > >
> > >
> > > However the Users Manual statements still have the same problem
> > > from
the
> > > original Request which I have copied below. Both conflicting RF
Safety
> > > statements are still in the new Manual (pages 3 and 4) and the
> description of
> > > Internal Antenna is still in the 2nd statement. Please correct
> > > this
by
> > > removing the 1st statement and remove the statement about internal
> antenna,
> > > since this has an external antenna.
> > >
> > >
> > >
> > >
> > >
> > > Original Request:
> > >
> > > 1. There are 2 conflicting statements for RF exposure in the Users
> Manual.
> > > The first statement implies that
> > >
> > > this device can be operated at a separation distance to the body
> > > of
2.5
> cm,
> > > which would put this into the
> > >
> > > Portable category for FCC RF Exposure compliance (and then SAR
> > > would
be
> > > required). Since this device is

> > >
 > > > not likely to be used at less than 20 cm separation to the body,
 > > > the
 > second
 > > > statement is more appropriate (and
 > > >
 > > > the MPE calculation shows compliance as a Mobile category device).
 > > > If
 > you
 > > > keep the second statement,
 > > >
 > > > please remove the reference to an 'internal antenna' as this
 > > > device
 has
 > an
 > > > antenna that is located external to the
 > > >
 > > > PC enclosure. I have copied the 2 statements here for your
 > > > reference:
 > > >
 > > > 1st statement:
 > > >
 > > > Federal Communications Commission (FCC) Radiation Exposure
 > > > Statement
 > > >
 > > > This equipment complies with FCC radiation exposure set forth for
 > > > an
 > > >
 > > > uncontrolled environment. In order to avoid the possibility of
 exceeding
 > the
 > > >
 > > > FCC radio frequency exposure limits, human proximity to the
 > > > antenna
 > shall
 > > >
 > > > not be less than 2.5cm (1 inch) during normal operation.
 > > >
 > > > 2nd statement:
 > > >
 > > > Federal Communications Commission (FCC) RF Exposure Requirements
 > > >
 > > > This equipment complies with FCC radiation exposure limits set
 > > > forth
 for
 > an
 > > >
 > > > uncontrolled environment. This device is provided with an internal
 > antenna
 > > >
 > > > and minimum 20 cm spacing must be maintained between this PC Card
 > > >
 > > > and all person's body (excluding extremities of hands, wrist and
 > > > feet)
 > > >
 > > > during wireless mode of operation. Further, this transmitter must
 > > > not
 be
 > > > colocated

> > >
> > > or operated in conjunction with any other antenna or transmitter.
> > >
> > >
> > >
> > >
> > >
> > > Best regards,
> > >
> > >
> > >
> > > Chris Harvey
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: Patty Huang [mailto:mltlab@seed.net.tw]
> > > Sent: Thursday, April 08, 2004 9:52 PM
> > > To: Chris Harvey
> > > Cc: Country Huang
> > > Subject: Fw: ????: Fw: Additional Information needed AN04T3802 FCC
ID:
> > > REUWI011RE
> > > Importance: High
> > >
> > >
> > >
> > > Dear Chris,
> > >
> > >
> > >
> > > As you request, please find our answer as following. Thanks.
> > >
> > >
> > >
> > > Q #1:
> > >
> > > The revised statements in page 4 of user's manual.
> > >
> > >
> > >
> > > Q #2:
> > >
> > > For test equipment as you request, it was already recorded on
> > > report
> > >
> > > previously only
> > >
> > > marked unclearly. Whatever we modified the report and please find
> > > it
on
> page
> > >
> > > 20 of report.
> > >
> > >
> > >
> > > We also modified the test frequency range on Page 18-20 and 26-31
> > > of
> report
> > >

>>> please find.
>>>
>>>
>>>
>>>
>>>
>>> Q #3:
>>>
>>> Please find Page 34-36 of report was revised.
>>>
>>>
>>>
>>> Q #5:
>>>
>>> The detail at the band edge was provided on Page 15 of report
>>> please
> find.
>>>
>>>
>>>
>>> Q#6:
>>>
>>> Modified. please refer on page 18-20 and 26-31 of report.
>>>
>>>
>>>
>>> Please feel free to contact with us if you have any questions.
>>> Thanks.
>>>
>>> At the meantime, please also let us know if it is accepted.
>>> Thanks.
>>>
>>>
>>>
>>> With Best Regards,
>>>
>>> Patty Huang
>>>
>>>
>>>
>>>
>>>
>>> ----- Original Message -----
>>>
>>> From: "Country Huang" <tech@mlt.com.tw>
>>>
>>> To: <mltlab@seed.net.tw>
>>>
>>> Sent: Thursday, April 08, 2004 9:13 PM
>>>
>>> Subject: Re: ????: Fw: Additional Information needed AN04T3802 FCC
ID:
>>>
>>> REUWI011RE
>>>
>>>
>>>
>>>
>>>
>>>>> ??? Chris Harvey <Chrisharveyemc@comcast.net>:
>>>
>>>>>

> > >
 > > > > > Country, I will try to respond by the question numbers from
 > > > > > the
 > > >
 > > > original
 > > >
 > > > > > request of 3/28/2004:
 > > >
 > > > > >
 > > >
 > > > > > 1) I will wait for the revised user's manual statements to
 > > > > > be
 > > >
 > > > submitted
 > > >
 > > > > by
 > > >
 > > > > > your client.\n
 > > >
 > > > >
 > > >
 > > >
 > > >
 > > >
 > > >
 > > > > > 2) Since your test report needs to be revised anyway, please
 > include
 > > >
 > > > the
 > > >
 > > > > > revised statements as requested. For the Test Equipment
 > > > > > list,
 > the
 > > >
 > > > > antennas
 > > >
 > > > > > listed appear not to be capable of measuring to 25GHz. Were
 other
 > > >
 > > > > antennas
 > > >
 > > > > > used? Was other equipment, such as high frequency
 pre-amplifiers
 > > >
 > > > used?
 > > >
 > > > >
 > > >
 > > >
 > > >
 > > > > > 3) The Power Integration method is good. Can you include
 > > > > > this
 > > >
 > > > > information in
 > > >
 > > > > > the revised report?
 > > >
 > > > >
 > > >

> > >
> > >
> > > > > 5) The plots do not show the detail at the band edge. The
> > > > > plot
> on
> > >
> > > page
> > >
> > > > 50
> > >
> > > > > displays 1-2.4GHz, which is 140MHz per division. Please
> > > > > provide
a
> > >
> > > plot
> > >
> > > > of
> > >
> > > > > the lower band edge (2382-2402MHz would be good) while
> transmitting at
> > >
> > > > the
> > >
> > > > > low channel. This would show the details needed to show
> compliance
> > >
> > > with
> > >
> > > > the
> > >
> > > > > requirements.
> > >
> > > >
> > >
> > > >
> > >
> > > > > 6) the tables on pages 26-31 show a limit of 74dBuV/m. The
15.209
> > >
> > > > Average
> > >
> > > > > Limit is 54dBuV/m @ 3meters. Please revise the report to
clearly
> > >
> > > state
> > >
> > > > the
> > >
> > > > > measurement distance, the detector used, the average and
> > > > > Peak
> limits
> > >
> > > and
> > >
> > > > > which emissions are in the restricted bands of 15.205.
> > >
> > > > >
> > >
> > >

>>>
>>>
>>>
>>>>> Best regards,
>>>
>>>>>>
>>>
>>>>>> Chris Harvey
>>>
>>>>>>
>>>
>>>>>>
>>>
>>>>>>
>>>
>>>>>>
>>>
>>>>>> -----Original Message-----
>>>
>>>>>> From: mltlab@seed.net.tw [mailto:mltlab@seed.net.tw]
>>>
>>>>>> Sent: Friday, April 02, 2004 11:08 AM
>>>
>>>>>> To: Charvey-tcb@ccsemc.com
>>>
>>>>>> Cc: tech@mlt.com.tw
>>>
>>>>>> Subject: ?????: Fw: Additional Information needed AN04T3802
>>>>>> FCC
> ID:
>>>
>>>>>> REUWI011RE
>>>
>>>>>>
>>>
>>>>>>
>>>
>>>>>>
>>>
>>>>>> Dear Chris,
>>>
>>>>>>
>>>
>>>>>> Please kindly find as attachment for our reply in red
>>>>>> letter.
>>>
>>>>>> Please let us know if you have any questions.
>>>
>>>>>>
>>>
>>>>>> With Best Regards,
>>>
>>>>>> Patty Huang
>>>
>>>>>>
>>>
>>>>>>
>>>
>>>>>> -----
>>>
>>>>>> This mail sent through Seednet Webmail

```
> > >
> > > > > http://webmail.seed.net.tw
```

[illegible]

> > >
> > > > This mail sent through Seednet Webmail

```
> > >
> > > > http://webmail.seed.net.tw
```

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> > >
> > > > >
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> >
> >
> >
> >
> > -----

```

> > This mail sent through Seednet Webmail <http://webmail.seed.net.tw>
>