

From: Eva Kao [eva_kao@cclab.com.tw]
Sent: Monday, November 18, 2002 10:55 PM
To: Mike Kuo
Cc: Scott Wang; ??? ??; Vincent
Subject: Re: Senao International Co., Ltd., FCC ID:NI3-EP-236, AN02T2274

Hi Mike,

I am not sure whether you received our reply of SENA0 as below. Could you please inform me how about the current situation of this project.

Thank you very much.

Eva

> ----- Original Message -----
> From: "Eva Kao" <eva_kao@cclab.com.tw>
> To: "Mike Kuo" <MKUO@CCSEMC.com>
> Sent: Friday, November 15, 2002 3:35 PM
> Subject: Re: Senao International Co., Ltd., FCC ID:NI3-EP-236, AN02T2274
>
>
> > Hi Mike,
> >
> > Please find the attachment are Revised user manual, Antenna install
> > procedure and Revised antenna spec. for refer the question as below.
> >
> > Best Regards,
> > Eva
> >
> > ----- Original Message -----
> > From: "Mike Kuo" <MKUO@CCSEMC.com>
> > To: "'Eva Kao'" <eva_kao@cclab.com.tw>; "Mike Kuo" <MKUO@CCSEMC.com>
> > Cc: "Sunny Shih" <SShih@CCSEMC.com>; "CLIENT ADVOCATES" <CA@CCSEMC.com>
> > Sent: Thursday, November 07, 2002 2:38 PM
> > Subject: RE: Senao International Co., Ltd., FCC ID:NI3-EP-236, AN02T2274
> >
> >
> > > Hi Eva:
> > >
> > > The antenna specification sheet provided do not comply with unique
> antenna
> > > connector requirements.
> > >
> > > Item #1: O.K.
> > > Item #2: N type reversed direction, O.K. but adapter provided which
> change
> > > from unique connector to standard connector . Does not comply.
> > > Item # 3,4, 5 : same reason as item #2 . Do not comply unique
> connector
> > > requirement.
> > >
> > > Please understand the reason to require unique antenna connector for
> > unlicensed transmitter. Unique connector is to prevent the end user
> to
> > > connect any other antenna to the device.
> > >

> > > Please discuss with Steven about this case, help the applicant to
> > understand
> > > the rules. The antenna gain for base station is very high, the EIRP
is
> > very
> > > close to the limits. If the applicant can not provide a clear
> instruction
> > > on the installation procedures, I will keep on asking the questions.
> > >
> > > Question #6 : Please provide installation procedures to install the
> > external
> > > antenna.
> > >
> > > Question #7 : In the revised user manual, you use the cable length as
> the
> > > separation distance that the end user should maintain. It is not
> > > acceptable. With 1.4 meter cable length, the separation distance may
be
> > > less than 1.4 meter after the installation. The separation distance
> > should
> > > be very clear to the end user. Please consider the MPE estimate in
> > > determine the separation distance requirement.
> > >
> > > Best Regards
> > >
> > > Mike Kuo
> > >
> > > -----Original Message-----
> > > From: Eva Kao [mailto:eva_kao@cclab.com.tw]
> > > Sent: Wednesday, November 06, 2002 1:49 AM
> > > To: Mike Kuo
> > > Cc: Sunny Shih; CLIENT ADVOCATES
> > > Subject: Re: Senao International Co., Ltd., FCC ID:NI3-EP-236,
AN02T2274
> > >
> > >
> > > Hi Mike,
> > >
> > > Answer 1# The Antenna Connectors are considered as unique antenna
> > connector,
> > > All the connector are revised, please see the Antenna spec list which
> was
> > > revised and attached again. So the user can not change the antenna and
> the
> > > cable by themself.
> > >
> > > Answer 2# Avove description shall be changed as '' switch the output
> power
> > > to external antenna port''. Due to the RF power was default to
transfer
> to
> > > internal antenna port.
> > > By the way, the output power level can't be changed.
> > >
> > > Answer 3-4# Please find the attached is revise user manual.
> > >
> > > Answer 5# We had confirmed with client, it was an error, This product

> > > doesn't provid this function. we had revised.
> > >
> > > Answer6# The duty cycle = 0.720/10.14 = 7.1%. Please find the
attached
> is
> > > duty cycle plot.
> > >
> > > Thanks!
> > > Eva
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: "Mike Kuo" <MKUO@CCSEMC.com>
> > > To: "Eva Kao (E-mail)" <eva_kao@cclab.com.tw>
> > > Cc: "Sunny Shih" <SShih@CCSEMC.com>; "CLIENT ADVOCATES"
<CA@CCSEMC.com>
> > > Sent: Tuesday, November 05, 2002 3:59 AM
> > > Subject: FW: Senao International Co., Ltd., FCC ID:NI3-EP-236,
AN02T2274
> > >
> > >
> > > >
> > > >
> > > > -----Original Message-----
> > > > From: CERTADM
> > > > Sent: Monday, November 04, 2002 10:54 AM
> > > > To: 'mkuo@ccsemc.com'
> > > > Subject: Senao International Co., Ltd., FCC ID:NI3-EP-236, AN02T2274
> > > >
> > > >
> > > > Notice_content
> > > > -----
> > > > Second Notices:
> > > >
> > > > Question #1: The antenna specification submitted for this
application
> > > listed
> > > > several external antennas that will be used for the base station.
All
> > > > external antenna connectors are either SMA or N type connectors
which
> > are
> > > > considered as standard antenna connectors. Per section 15.203 of
FCC
> > > rules,
> > > unlicensed transmitter has to equipped with unique antenna
connectors.
> > In
> > > addition, in accordance with user manual, this device will be
marketed
> > to
> > > > home / office which do not qualify for professional installation as
> > well.
> > > Please address this non-compliance issues.
> > > >
> > > > Question #2: Installation procedures mentioned in the antenna

> > > specification:
> > > The installation procedures call out the procedure to set the output
> > power
> > > to external antenna. There is no detail instruction given on how to
> set
> > > the
> > > output power in the user manual or in all other submitted
attachments.
> > > Please explain and provide the meaning of set the output power to
the
> > > > external antenna.
> > >
> > > Question #3: Page 44 of revised user manual. The non co-location
> > > requirement and operating conjunction with other transmitter are the
> > > conditions for the handset as well as to the base station. Please
> > revise
> > > the RF exposure statement item #1.
> > >
> > > Question #4: Page 44 of revised user manual. RF Exposure statement
> item
> > > #2:
> > > The separation distance requirement is from the antenna to the body
of
> > end
> > > user. It is not from the antenna to the base station. Please
revise
> > your
> > > item #2 statement.
> > >
> > > Question #5: Page 44 of revised user manual. Technical
specification:
> > The
> > > handset transmitting power can be controlled from 100-708mW. Please
> > explain
> > > how the transmitting power can be controlled for the handset.
> > >
> > > Question #6: Revised SAR test report: The crest factor used is 13
with
> > 8%
> > > duty cycle. Please provide spectrum plot to demonstrate the duty
cycle
> > that
> > > was used during the tests.
> > >
> > > Best Regards
> > >
> > > Mike Kuo / TCB Certifier
> > > The items indicated above must be submitted before processing can
> > continue
> > > on the above referenced application. Failure to provide the
requested
> > > information within 60 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.
> >
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