

SENOR TECH CO., LTD., FCC ID: OVS-APOS, Assessment NO.: AN07T6916, Notice#1 [Inbox](#)

★ from **"tim.dwyer@ccsemc.com"** <tim.dwyer@ccsemc.com> [hide details](#) Jun 19 (3 days ago) [Reply](#)

to application@tw.ccsemc.com
cc tim.dwyer@ccsemc.com
date Jun 19, 2007 9:26 PM
subject SENOR TECH CO., LTD., FCC ID: OVS-APOS, Assessment NO.: AN07T6916, Notice#1

Dear CCS TW,

The application review is complete. Please respond to the following 3 items so the application can be sent for certification. If you have questions, please ask.

Q1: User manual page 8. Please remove the statement referencing fixed point-to-point installation. This is not a fixed point to point device. Because this is a mobile device, please revise the manual to include: "The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

Q2: The measurement results on page 46 of the test report exceed the limits of FCC 15.209. If the emissions are associated with the wireless transmitter, then the results are non-compliant. The limits shown are those for a Class A digital device. If the emissions reported are from the digital device and not from the transmitter, then this is acceptable, but the test report should include an explanation about the emissions. All emissions related to the transmitter must comply with the 15.209 limits.

Q3: The label submitted with the FCC Logo is suitable only for Class B digital devices. If the emissions exceed the Class B limits, then the section of the label with the FCC Logo, "For home or office use" etc may not be used and must be removed. The other statement on the label with "This device complies with.." is the correct label for both the wireless device and for a Class A digital device and should remain.

Best regards,

Tim Dwyer
CCS TCB Reviewer

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.

[Reply](#) [Reply to all](#) [Forward](#) [Invite tim.dwyer@ccsemc.com to Gmail](#)

★ from **"gina.lo"** <gina.lo@tw.ccsemc.com> [hide details](#) 1:08 am (19 hours ago) [Reply](#)

to tim.dwyer@ccsemc.com
date Jun 22, 2007 1:08 AM
subject Re:SENOR TECH CO., LTD., FCC ID: OVS-APOS, Assessment NO.: AN07T6916, Notice#1

Dear Sir,

Please see my reply, thank you.

Best Regards,

Gina

[<tim.dwyer@ccsemc.com>](mailto:tim.dwyer@ccsemc.com)

收件人 : [<application@tw.ccsemc.com>](mailto:application@tw.ccsemc.com)

副本抄送 : [<tim.dwyer@ccsemc.com>](mailto:tim.dwyer@ccsemc.com)

2007/06/20 09:26 AM

主旨 : SENOR TECH CO., LTD., FCC ID: OVS-APOS, Assessment NO.: AN07T6916, Notice#1

Dear CCS TW,

The application review is complete. Please respond to the following 3 items so the application can be sent for certification. If you have questions, please ask.

Q1: User manual page 8. Please remove the statement referencing fixed point-to-point installation. This is not a fixed point to point device. Because this is a mobile device, please revise the manual to include: "The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

Ans: Please see page 9 of the revised User manual.

Q2: The measurement results on page 46 of the test report exceed the limits of FCC 15.209. If the emissions are associated with the wireless transmitter, then the results are non-compliant. The limits shown are those for a Class A digital device. If the emissions reported are from the digital device and not from the transmitter, then this is acceptable, but the test report should include an explanation about the emissions. All emissions related to the transmitter must comply with the 15.209 limits.

Ans:

Regarding to the RF module built in the EUT which used in a Class A environment, we have performed some test to confirm the emission source of EUT. Two type of test was performed as below:

1. Turn on the EUT with RF function, emission measurement from 30MHz to 1GHz was measured in vertical and horizontal polarization as attached result.

2. Turn off the RF function, however, the EUT still work in typical operation. The spurious emission were measured again as above. The data were also attached.

To compare the data between EUT with and without RF function, we can verify the emission are dominate by digital devices not the RF block.

Hope this information can identify the source of emission. It will be appreciated to have your opinion to clarify this issue.

Q3: The label submitted with the FCC Logo is suitable only for Class B digital devices. If the emissions exceed the Class B limits, then the section of the label with the FCC Logo, "For home or office use" etc may not be used and must be removed. The other statement on the label with "This device complies with.." is the correct label for both the wireless device and for a Class A digital device and should remain.

Ans: Please see page 9 of the revised label.

- Show quoted text -

6 attachments — [Download all attachments](#)



APOS XXX Label Sample & Location revised 0620.pdf

124K [View as HTML](#) [Download](#)



APOS XXX User manual revised 0620.pdf

1022K [View as HTML](#) [Download](#)



Test Data --- normal_30M_1G_Ver (no RF).pdf

141K [View as HTML](#) [Download](#)



Test Data --- normal_30M_1G_Hor.pdf

139K [View as HTML](#) [Download](#)



Test Data --- normal_30M_1G_Hor (no RF).pdf

141K [View as HTML](#) [Download](#)



Test Data --- normal_30M_1G_Ver.pdf

139K [View as HTML](#) [Download](#)

[Reply](#) [Reply to all](#) [Forward](#) [Invite gina.lo to Gmail](#)



from **Tim Dwyer** <Timothy_Dwyer@ieee.org>

[hide details](#) 8:17 pm (1 minute ago)

[Reply](#)

to "gina. lo" <gina.lo@tw.ccsemc.com>

cc "Timothy M. Dwyer" <tim.dwyer@ccsemc.com>

date Jun 22, 2007 8:17 PM

subject Re: SENOR TECH CO., LTD., FCC ID: OVS-APOS, Assessment NO.: AN07T6916, Notice#1

mailed-by gmail.com

Dear Gina,

The additional test results submitted are adequate to support your conclusion that the emissions are from the digital device portion of the product. The other issues have also been addressed adequately. This application will be submitted shortly for final certification review.

Best regards,

Tim Dwyer
CCS Technical Reviewer