

## Helen Zhao

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**Subject:** FW: Revised! RE: S1 Corporation, FCC ID: Q54CDR0193X, Assessment NO.: AN04T4276, Notice#2



User\_s OP By USA Lab.pdf Q54CDR0193X\_REPCDR-0193X\_CONFI  
anual(CDR-0193X).d ORT.doc DENTIAL LETTER....

-----Original Message-----

From: Y. G. Gwon  
Sent: Tuesday, October 26, 2004 8:00 PM  
To: Helen Zhao  
Subject: Re: Revised! RE: S1 Corporation, FCC ID: Q54CDR0193X,  
Assessment NO.: AN04T4276, Notice#2

Dear Helen,

Thank you for your kind information.

Enclosed please find a revised our test report, confidential letter, manual, and operational description.

If you have any comments regarding this project, please inform me that.

Best Regards,  
Y.G. Gwon  
ONETECH Testing & Eval. Lab.

> -----Original Message-----

> From: Y. G. Gwon  
> Sent: Monday, October 25, 2004 6:55 PM  
> To: Helen Zhao  
> Subject: Re: Revised! RE: S1 Corporation, FCC ID: Q54CDR0193X,  
> Assessment NO.: AN04T4276, Notice#2

>

>

> Dear Helen,

>

> Thank you for your quick response.

> Regarding your questions for this project, I would like to answer those at  
> the bottom of your original text.

> If you need more information, please inform me that in detail.

>

> Have a great week!

>

> Best Regards,  
> Y.G. Gwon  
> ONETECH Testing & Eval. Lab.

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> >

> > -----Original Message-----

> > From: Compliance Certification Services [mailto:hzhao@ccsemc.com]

> > Sent: Monday, October 25, 2004 3:16 PM

> > To: Helen Zhao

> > Subject: S1 Corporation, FCC ID: Q54CDR0193X, Assessment NO.: AN04T4276,  
> > Notice#1  
> >  
> >  
> > Question #1: Based upon FCC15.31(a), radiated emission measurements below  
> > 30  
> > MHz should be made by a loop antenna. But loop antenna was not on the test  
> > equipment list. Please explain.  
> ==> I am sorry that. I revised our test report. Enclosed please find that.  
>  
> > Question #2: The block diagram and test report indicates that the rated  
> > supply voltage of the EUT is DC12/24V, but only one set of power line  
> > conducted emission test data was provided in the report. Please provide  
> > additional test data and indicate clearly the rated voltage the test data  
> > are associated with.  
> ==> We compared difference of test data between 12Vdc and 24Vdc, but we  
> observed a little difference. So we provided a little worse test data in our  
> report.  
> For your reference, the power of the EUT will be supplied by the output of  
> PBX or UPS, but the section 15.207 requires test data. So we tested the EUT  
> at each voltage.  
>  
> > Question #3: The user manual does not provide any information as what kind  
> > power source the EUT will come with. Is AC/DC adapter be provided to the  
> > user? If the AC/DC adapter will be provided to the user, please explain  
> > why DC power supply, instead of a AC/DC adapter, was used during the test.  
> ==> I request your requirement to our client. After getting that I will send  
> that to you again.  
>  
> > Question #4: Please provide a bandwidth plot to show bandedge compliance.  
> > ==> I cannot find the bandwidth requirement in the section 15.225. Could  
> > you please inform me why do you need this test data.  
> (Answer) Based upon 15.215(c), "Intentional radiators operating under the  
> alternative provisions to the general emission limits, as contained in §§  
> 15.217 through 15.257 and in Subpart E of this part, must be designed to  
> ensure that  
> the 20 dB bandwidth of the emission is contained within the frequency band  
> designated in the rule section under which the equipment is operated." For  
> your information, this is one of the requirements listed on FCC check list.  
>  
> > Question #5: Except the functional block diagram, the Operational  
> > Description contains nothing but the incomplete information that was  
> > extracted from the user manual. Please provide information based on the  
> > functional block diagram to explain how the device works.  
> ==> I will request the document to our client. After getting that, I will  
> send that to you again.  
>  
> > Question #6: This is for your information only. The correct "Equipment of  
> > Class" should be "DXX". Please also fill in frequency range in unit MHz  
> > (from 13.56 to 13.56) on the FCC form 731. In future please do not leave  
> > it blank.  
> > ==> O. K. I will inform that to our colleague. Thanks a lot.  
>  
>  
> > Best regards,  
> > Helen Zhao  
> >  
> >  
> > 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.  
> >  
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