

From: etcemi [etcemi@ms29.hinet.net]
Sent: Tuesday, August 21, 2001 10:55 PM
To: Mike Kuo
Cc: Mr. Mike Kuo
Subject: Re: A FOUNDRY TECHNOLOGY CO., LTD., FCC ID:PQKAFM10010010,
AN01T1401

Dear Mike,

Attached please find the re-tested data for above application.
If you have any further questions, please let me know.

And, I am still waiting for your reply to my last e-mail. For your
convenience I also attached, please kindly check it.

Regards,

K. C. Chen
ETC/EMC Department II

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

From: "Mike Kuo" <MikeKuo@CCSEMC.com>
To: "'etcemi'" <etcemi@ms29.hinet.net>
Sent: Wednesday, August 15, 2001 3:14 PM
Subject: RE: A FOUNDRY TECHNOLOGY CO., LTD., FCC ID:PQKAFM10010010,
AN01T1401

> Dear K.C.:

>

> As a test lab, CCS has same questions before. At the time, I asked same
> questions. I have a biconical antenna which has antenna factor from 20 -
> 250Hz, I should be able to use it for below 30MHz measurements. At that
> time, FCC (Joe Dichoso and Katie Hawkins) both rejected for using
> biconical antenna for below 30MHz.

>

> As TCB, during FCC training , FCC has mentioned loop antenna has to be
used

> for measuring fundamental frequency below 30MHz. In ANSI C63.4 mentioned
> rod antenna to be used for below 30MHz, it is mistake. Never use Rod
> antenna for below 30MHz measurement.

>

> I know there are some applications were granted by FCC before. You may
find

> out some of applications were using biconical antenna for below 30MHz
> measurement. If I mentioned FCC ID numbers for these applications, FCC
will

> request additional technical data for these Granted applications. I done
it

> before, Grantee is not very happy.

>

> As result, please use loop antenna for fundamental frequency below 30MHz.

>

> Best Regards

>

> Mike Kuo
>
> -----Original Message-----
> From: etcemi [mailto:etcemi@ms29.hinet.net]
> Sent: Tuesday, August 14, 2001 11:11 PM
> To: Mike Kuo
> Subject: Re: A FOUNDRY TECHNOLOGY CO., LTD., FCC ID:PQKAFM10010010,
> AN01T1401
>
>
> Dear Mike,
>
> Thanks for your reviewing on above application.
> Regarding the measurement on radiated emissions below 30 MHz, according to
> ANSI C63.4 section 4.1.5 there are two kinds of measurement, one is
magnetic
> filed and the other is electric field, however only magnetic filed
> measurement is specifying the loop antenna. For the limit specified in FCC
> 15.227 is electric field, so we used the biconical antenna, EMC0 3104, to
> perform the measurement, which the measurement range is from 20 MHz to 200
> MHz. I believe it shall be able to measure the radiated emission of 27
MHz,
> because FCC had granted many our applications same as this one in the
past.
>
> Would you please check if our measured antenna is accepted? We certainly
can
> do the measurement with a loop antenna provided the original measurement
is
> not accepted.
>
> Looking forward to your reply and regards,
>
> K. C. Chen
> ETC/EMC Department II
>
> ----- Original Message -----
> From: "Mike Kuo" <MikeKuo@CCSEMC.com>
> To: <etcemi@ms29.hinet.net>
> Sent: Wednesday, August 15, 2001 3:45 AM
> Subject: RE: A FOUNDRY TECHNOLOGY CO., LTD., FCC ID:PQKAFM10010010,
> AN01T1401
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>
> >
> >
> > -----Original Message-----
> > From: CERTADM
> > Sent: Tuesday, August 14, 2001 12:45 PM
> > To: 'etcemi@ms29.hinet.net'
> > Cc: Mike Kuo
> > Subject: A FOUNDRY TECHNOLOGY CO., LTD., FCC ID:PQKAFM10010010,
> > AN01T1401
> >
> >
> > Notice_content
> > -----

> > Question #1: When doing Radiated emission measurement below 30MHz,
active
> > loop antenna should be used. As indicated from the test report, there
is
> no
> > indication that such antenna was used to measure the fundamental
> frequency.
> > Please redo the fundamental emission tests and make sure the loop
antenna
> > was rotated about the horizontal and vertical axis. After the tests,
> please
> > provide radiated emission data, antenna information and setup photos.
> >
> > 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.