

From: ext Dennis Ward [mailto:dennis@yosemite.net]
Sent: Tuesday, September 24, 2002 5:19 PM
To: Sd Certification (RES/SanDiego); Bill Graff
Cc: Ho Albert (NMP/SanDiego); dward@americantcb.com; Kettunen Klaus (NMP/SanDiego); Washington Mary (NMP/SanDiego)
Subject: Re: GMLNPD1GW request for info

HI Mary

I got the response to the ATCB request for information, however, it does not solve the problem. The FCC has stated that the power level between the SAR report and the EMC report must be within 5% and if there is a difference the higher power must be in the SAR.

The EMC report from PCTest is an ERP measurement. They did not make conducted power measurements. The power in the SAR is conducted measurements. They did not make ERP measurements.

There must be a correlation of some kind between the reports. This can be by either ERP to ERP or conducted power to conducted power, but there must be a correlation none the less.

The options are that Nokia can either have PCTest do a conducted power measurement and provide the results for comparison with the SAR report, or the SAR report can provide the results of an ERP measurement. Either way, correlation between like power measurements between SAR and EMC must be within 5% of each other. I will even accept an ERP calculation if it is within 5% of PC Tests ERP. But in order to do that you have to know the precise gain of the antenna used on the product as referenced to a dipole and hope that PC Tests dipole substitution measurement was truly accurate (i.e. measurement uncertainties).

The FCC is very adamant about the issue of SAR power and EMC power being close.

Sorry.

I have however, reviewed the application and I am ready to issue the grant as soon as I get some kind of power correlation between EMC and SAR reports.

Thanks
Dennis

sdcertification@nokia.com wrote:

> Hi Dennis,
> We have the user guide ready for upload to American TCB website. But, we are still working on Item 1 (power levels). We will upload our responses to your request when we have an answer for item 1.
>
> Best Regards,
> Mary Washington
>
> -----Original Message-----
> From: Ho Albert (NMP/SanDiego)
> Sent: Wednesday, September 04, 2002 1:26 PM
> To: 'dward@americantcb.com'

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> Cc: Kettunen Klaus (NMP/SanDiego); Washington Mary (NMP/SanDiego)
> Subject: RE: GMLNPD1GW request for info
>
> Hi Dennis,
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> We are working on your request and will response soon.
>
> Regards,  Albert
>
> -----Original Message-----
> From: ext Dennis Ward [mailto:dennis@yosemite.net]
> Sent: Wednesday, September 04, 2002 1:07 PM
> To: Ho Albert (NMP/SanDiego)
> Subject: Re: GMLNPD1GW request for info
>
> HI Albert
> Have you been able to address the requests for information yet?
> thanks
> Dennis
>
> Dennis Ward wrote:
>
> > oooooooooppppppppssssss
> > my mistake
> > the ID is GMLNPD1GW
> > please see attached request.
> >
> > Dennis Ward wrote:
> >
> > > Hi Albert
> > > attached is a request for information on the above application.
> > >
> > > Thanks
> > > Dennis Ward
> > > dward@americantcb.com
> > >
> > > -----
> > >                                     Name: 8-28-02 GMLNPW-1PA
request for info.PDF
> > >      8-28-02 GMLNPW-1PA request for info.PDF      Type: Acrobat
(application/pdf)
> > >                                     Encoding: base64
> > >
> > > -----
> > >                                     Name: 8-28-02 GMLNPD1GW request
for info.PDF
> > >      8-28-02 GMLNPD1GW request for info.PDF      Type: Acrobat (application/pdf)
> > >                                     Encoding: base64
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