

Subject: Re: DV8HLX561A
Date: Fri, 4 Oct 2002 18:54:20 +0900
From: yitoh@a-pex.co.jp
To: dward@americantcb.com

Dear Dennis,

I checked with our engineer who is in charge of this product.
We believe that the difference of 2.6dB between conducted and radiated measurements is considered within a margin of error. The actual antenna gain is 0.4dBi and the value of conducted power is 0.85mW.
We hope that the above explanation is acceptable for you to issue the grant.

Best regards,

Yukari

Her is my problem. you measured 91.9dBuV at 3 meters. You have a .4dBi
> antenna gain. The power delivered to the transmitter antenna should be
around .424 watts. If the actual measured value at the transmit antenna
terminal is
> 0.85mW the the gain of the antenna would be about -2.6 not .4. Are you
sure the gain of the antenna is .4. If the actual measured value is .85mW
that is fine, all I need is the recorded conducted information and I can issue
the grant and forget about ERP/EIRP and all those other acronyms:) Sorry to
be such a pest about this, but I don't want the FCC to come back with
questions on the power of this device.

> thanks

> Dennis

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> yitoh@a-pex.co.jp wrote:

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> > Dear Dennis,

> >

> > Thank you very much for your e-mail regarding the above application.

> > The correct power is 0.85mW. We put the wrong power on the 731 form.

> > We will revise and upload it to your website later.

> >

> > Best regards,

> >

> > Yukari Ito

> >

> > > Hi Yukari

> > > I am about ready to issue the grant but I have a small problem. The
731

> > states the power

> > > is 0.644mW. However, this is simply the value of converted field

> > strength at 3 meters to

> > > dBm. Licensed devices generally have power in either erp eirp or

> > conducted antenna

> > > terminal power. You state the antenna gain is 0.4dBi. this means
that

> > the power being

> > > delivered to the antenna is actually about 11.6mW even though the
field

> > strength of the

> > > emission is only 106.28dBuV/m. So that I put the correct power on
the

> > grant, please

> > > verify the power. IF this can be done tonight, I can issue the grant

> > first thing in the

> > > AM.

> > > Thanks

> > > Dennis

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> > > yitoh@a-pex.co.jp wrote:

> > >

> > > > Hi Dennis,

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> > > > Thank you very much for your advice.

> > > > We will pay attention to Bill's concern.

> > > > I would like to know if any additional application documents are

> > required

> > > > for FCC Part 90 application other than those required under FCC

Part

> > 15C.

> > > > Please kindly advise.

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> > > > Best regards,

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> > > > Yukari Ito

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> > > >

> > > > > Hi Yukari

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> > > > > be sure to read Bills concerns about these types devices. Part

90 is

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> > > > very restrictive in

> > > >

> > > > > many aspects.

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> > > > Thanks

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> > > > Dennis

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> > > > yitoh@a-pex.co.jp wrote:

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> > > > > Dear Dennis,

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> > > > > Thank you very much for your following.

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> > > > > In addition, thank you for your answers to my inquiry about FCC

> > part

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> > > > 90.

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> > > > > I will let our colleagues know who attends the meeting with our

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> > > > customer.

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> > > > > > Best regards,

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> > > > > > Yukari Ito

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> > > > > > > HI Yukari

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> > > > > > > I got the documents and will be reviewing them shortly. If
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> > > > > > > issue the grant by tomorrow.

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> > > > > > > Dennis

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> > > > > > > yitoh@a-pex.co.jp wrote:

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> > > > > > > Dear Dennis,

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> > > > > > > > I have just uploaded our reply to your comments and several

> > revised

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> > > > > > > > documents.

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> > > > > > > > Please confirm them.

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> > > > > > > > We hope the grant will be issued soon.

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> > > > > > > > Yukari Ito

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> > > > > > > > Please see attached request

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> > > > > > > > yitoh@a-pex.co.jp wrote:

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> > sorry...)

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> > > > > > > > > We hope that FCC grant will be issued soon.

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