Subject: RE: PY20229HP
Date: Thu, 12 Sep 2002 10:02:15 -0500
From: tom.tidwell@nemkona.com
To: dward@americantcb.com

Dennis,

The MPE only lists the maximum gain for reference. The only antenna to be used with the radio is the "rubber ducky" antenna is used. The manufacturer lists the antenna gain as 0 dBi. The antenna connector and the TX port connector are unique connectors so no other unauthorized antenna could be used.

Tom

-----Original Message-----
From: Dennis Ward [mailto:dennis@yosemite.net]
Sent: Wednesday, September 11, 2002 3:28 PM
To: Tom Tidwell
Subject: Re: PY20229HP

HI Tom
The antenna gain used in the MPE report was 0dBi. However, the max antenna gain
in the MPE report states 18dBi. Please remember that unless that antenna has
been tested and shown to comply with the radiated spurious emissions, it will
not be on the grant. THe EMC report was not specific on which antenna was used,
however, from the data it appears that a 1.4 dipole was used. This would not be
a 0dBi antenna since it is a dipole and has directionality over isotropic.
Please specify what the gain of the antenna used during radiated spurious
emissions was. Remember, only those antennae tested will be allowed for this
device. If the manufacturer has a high gain antenna for this device, it should
be tested for compliance now so it can be included in the application.

I will issue the grant after you have provided the gain of the antenna used during testing.
Thanks
Dennis

Thanks
Dennis

tom.tidwell@nemkona.com wrote:

> Just the schematics is fine.
>
> Tom
>
> -----Original Message-----
> From: Dennis Ward [mailto:dennis@yosemite.net]
> Sent: Wednesday, September 11, 2002 11:31 AM

> To: Tom Tidwell
> Subject: Re: PY20229HP
>
> Hi Tom
> The schematics are the only thing listed as confidential. If you want the
> technical description and the block diagram as confidential, please revise
> the
> confidentialailty request to include these.
> Thanks
> Dennis
>
> tom.tidwell@nemkona.com wrote:
>
> > Dennis,
> >
> > I have uploaded the external photos exhibit.
> >
> > The master does not set the frequency of the slave. The radios do not
hop
> > frequency either.
> >
> > Could you please verify for me that I marked the schematics as
> confidential.
> > I am not sure that I did.
> >
> > Thanks,
> >
> > Tom
> >
> > -----Original Message-----
> > From: Dennis Ward [mailto:dennis@yosemite.net]
> > Sent: Tuesday, September 10, 2002 8:14 PM
> > To: Tom Tidwell
> > Subject: Re: PY20229HP
> >
> > Hi Tom
> > I will be doing this. I noticed however, that you did not provide
> external
> > photos for the application. Please provide these external ohotos. I
think
> > once I get them, I can isue the grant failry quickly.
> >
> > I do have one question after a cursory looksee. The application speaks
of
> a
> > master slave relationship between transmitters. Does the master
determine
> > the
> > frequency the slave is to operate on? This may be a problem since DSSS
> must
> > be psudorandom and having another device predetermine a frequency is not
> > good. I will reivew the app in more detail, but if youahve a quick
> answer,
> > that might help.
> >
> > thanks
> > Dennis

> >
> > tom.tidwell@nemkona.com wrote:
> >
> > > Dennis,
> > >
> > > Do you know the status of this one? It is for Graviton. I am not
sure
> if
> > > you have this one or not but it was uploaded 8/29.
> > >
> > > Tom