

MessageFrom: Sochurek, Jan E. [jan.sochurek@ngc.com]
Sent: Thursday, August 18, 2005 3:38 PM
To: John Kennedy
Cc: vanceschuemann@paulhastings.com
Subject: RE: 0446-EX-ST-2005

John,

I am sorry, you are correct. I looked at the paperwork that was provided to me by the engineers and I simply used 15dB. I just double checked it and it is 15dBi. At a quick glance I just picked out the number, not dBi. Hence you first number of 57.85 is correct, without rounding it would be 57.84651.

Thanks for keeping me straight.

Regards,

Jan

From: John Kennedy [mailto:John.Kennedy@fcc.gov]
Sent: Thursday, August 18, 2005 3:21 PM
To: Sochurek, Jan E.
Subject: RE: 0446-EX-ST-2005

Using 15 dBi which was reported in the attached exhibit gives 57.85 W Peak ERP (using 15 dBd gives the 94.864 W Peak ERP).

-----Original Message-----
From: Sochurek, Jan E. [mailto:jan.sochurek@ngc.com]
Sent: Thursday, August 18, 2005 3:04 PM
To: John Kennedy
Cc: vanceschuemann@paulhastings.com
Subject: Re: 0446-EX-ST-2005

John,

By my calculations using the 3 watts of power and an antenna gain of 15 dB, Peak ERP will be 94.8 Watts. This program is simply using a signal generator with a linear horn antenna. This equipment is being used to develop some direction finding algorithms.

Thanks,

JAN SOCHUREK - Spectrum Licensing
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