

MessageFrom: Desmond, John [desmondj@nextnetwireless.com]
Sent: Monday, May 09, 2005 2:41 PM
To: John Kennedy; Nadja Sodos-Wallace
Cc: Golant, Ben; Grindahl, Merv
Subject: RE: FCC File # 0125-EX-PL-2005

John and Nadja,

These numbers are actually both mean and peak powers by my way of looking at it. The nature of the transmission is a flat broadband TDD signal, with a duty cycle adjustable from 43% to 74% depending on the TDD downstream/upstream ratio selected. While the transmitter is actually transmitting, it always has a power output of 2W, and an ERP of 80W, within 1dB.

For purposes of RF absorption, for example, I would factor in the duty cycle, so that mean power is lower than peak, but for this license, where the issue is interference, I am more conservative, and peg the mean power at the peak. All of the different transmitters in the bands for which we have applied produce the same output power.

Regards,

John Desmond

Product Manager

NextNet Wireless

Tel: 952-967-1125

Mobile: 612-804-7524

Email: desmondj@nextnetwireless.com

From: John Kennedy [mailto:John.Kennedy@fcc.gov]
Sent: Monday, May 09, 2005 1:05 PM
To: Nadja Sodos-Wallace; Desmond, John
Cc: Golant, Ben; Grindahl, Merv
Subject: RE: FCC File # 0125-EX-PL-2005

Nadja Sodos-Wallace,

What are the PEAK effective radiated powers for applications 0125-EX-PL-2005, 0126-EX-PL-2005 and 0127-EX-PL-2005 as opposed to the 80 watts MEAN effective radiated powers which have been reported?

John W. Kennedy
Federal Communications Commission
Office of Engineering and Technology
Experimental Licensing Branch
(202) 418-2484

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

From: Nadja Sodos-Wallace [mailto:Nadja.SodosWallace@clearwire.com]
Sent: Wednesday, May 04, 2005 10:54 AM
To: John Kennedy; Desmond, John
Cc: Golant, Ben; Grindahl, Merv
Subject: RE: FCC File # 0125-EX-PL-2005

This is the application for the 3.4-3.6 band. My understanding from John Desmond is that you are correct as to the emission designators. John-can you confirm?

CONFIDENTIAL ATTORNEY/CLIENT PRIVILEGED INFORMATION

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Clearwire Corporation
2000 Pennsylvania Avenue, NW
Suite 4400
Washington, DC 20006
(202) 330-4011
(301) 748-6637 (mobile)
(202) 330-4008 (fax)

From: John Kennedy [mailto:John.Kennedy@fcc.gov]
Sent: Wednesday, May 04, 2005 8:32 AM
To: Nadja Sodos-Wallace; Desmond, John

Cc: Golant, Ben; Grindahl, Merv
Subject: FCC File # 0125-EX-PL-2005

Mr. Nadja Sodos-Wallace,

Are all of the emission designators 7M00XXD for the Waseca, MN antenna under application 0125-EX-PL-2005?

John W. Kennedy
Federal Communications Commission
Office of Engineering and Technology
Experimental Licensing Branch
(202) 418-2484

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

From: Nadja Sodos-Wallace [mailto:Nadja.SodosWallace@clearwire.com]
Sent: Tuesday, May 03, 2005 5:57 PM
To: Desmond, John; John Kennedy
Cc: Golant, Ben; Grindahl, Merv
Subject: RE:

I have corrected the application file number 0125-ex-pl-2005 to include the missing emission information. I have deleted the missing frequency bands and tolerances-those were included incorrectly. There are only four frequency bands to be included in that application.

CONFIDENTIAL ATTORNEY/CLIENT PRIVILEGED INFORMATION

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From: Desmond, John [mailto:desmondj@nextnetwireless.com]
Sent: Tuesday, May 03, 2005 5:41 PM
To: John.Kennedy@fcc.gov
Cc: Nadja Sodos-Wallace; Golant, Ben; Grindahl, Merv
Subject:

John,

As we discussed during our phone call, there is no requirement for movement of the base station antenna, and the radius of operation should therefore be reduced to zero for the following applications:

- a.. 0125-EX-PL-2005
- b.. 0126-EX-PL-2005
- c.. 0127-EX-PL-2005
- d.. 0128-EX-PL-2005
- e.. 0129-EX-PL-2005

John,

I have researched the UHF TV licensees in the vicinity of the Waseca and Bloomington sites, using the page we were looking at.

At the Bloomington site, there is a close interferer occupying channels 62 and 67. We will therefore need to amend our application for frequencies in the upper 700 MHz band to the frequency blocks 747-758 MHz and 777-788 MHz for the Bloomington site. Is this something you can amend, John, or will Nadja need to resubmit the application for this band?

There are no close interferers in the lower 700 band for the Bloomington site, or for either upper or lower bands for the Waseca sites. I have identified licensees approximately 100 km from Waseca, but they should be well out of our range of operations. Thanks very much for your help in identifying this, John. Except for your help, I would have never known that these licenses can't be found in ULS.

Nadja,

John has indicated that there were some missing fields in application number 125-EX-PL-2005, for tolerances and a few other things. Please review your submission for the 3.5 GHz frequencies, and call me if there is any information you are missing.

Thanks,

John Desmond

Product Manager

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