

From: Jeff Liew [jeffl@proxim.com]
Sent: Wednesday, July 18, 2001 5:58 PM
To: 'Mike Kuo'
Subject: RE: PROXIM, INC., FCC ID:IMK-HRFPC2, Assessment no:AN01T1407

Hi Mike,

The peak output power readings for low, mid, and high channel are 72.4mW (18.60dBm), 73.3mW (18.65dBm), and 72.3mW (18.59dBm) respectively.

Attached are the plots you have requested for questions 1, 3, 4, and 5.

<<timeofoccupancy.bmp>> <<openairhopchannel.bmp>>
<<homerfhopchannel.bmp>> <<lowchbw.bmp>> <<highchbw.bmp>>

Thanks you for your patience. Please don't hesitate to contact me if you have any further questions.

Best regards,

Jeff Liew
RF Design Engineer
Proxim, Inc.
510 DeGuigne Drive
Sunnyvale, CA 94085
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-----Original Message-----

From: Mike Kuo [mailto:MikeKuo@CCSEMC.com]
Sent: Wednesday, July 18, 2001 6:18 PM
To: 'Jeff Liew'
Subject: RE: PROXIM, INC., FCC ID:IMK-HRFPC2, Assessment no:AN01T1407

Dear Jeff:

Please provide three peak output readings. Low, middle and high channel.

Best Regards

Mike Kuo

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

From: Jeff Liew [mailto:jeffl@proxim.com]
Sent: Wednesday, July 18, 2001 5:32 PM
To: 'Mike Kuo'
Subject: RE: PROXIM, INC., FCC ID:IMK-HRFPC2, Assessment no:AN01T1407

Hi Mike,

I just finished making the plots for FCC ID:IMK-HRFPC2, Assessment no: AN01T1407. I will be scanning them into jpeg files and emailing them to you in a moment. As we discussed earlier regarding question 2 (conducted peak output power), I made a peak power measurement with our HP Peak Power Meter

(HP 8900D) with the UUT in hopping mode and recorded 73.3mW peak power or 18.6dBm. This compares very well with the lab data we got at your facility, which was also 18.6dBm.

Please let me know if you have any further questions regarding this submittal. I will be working on FCC ID:IMK-HRFUSB2 next.

Best regards,

Jeff Liew
RF Design Engineer
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-----Original Message-----

From: Mike Kuo [mailto:MikeKuo@CCSEMC.com]
Sent: Wednesday, July 18, 2001 1:40 PM
To: 'Jeff Liew'
Cc: Chuck Cowden; Steve Cheng
Subject: FW: PROXIM, INC., FCC ID:IMK-HRFPC2, Assessment no:AN01T1407

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

From: CERTADM
Sent: Wednesday, July 18, 2001 1:37 PM
To: Steve Cheng
Cc: Mike Kuo
Subject: PROXIM, INC., FCC ID:IMK-HRFPC2, Assessment no:AN01T1407

Notice_content

Question #1: 20dB bandwidth : In accordance to FCC public notice DA-00-705, when measuring 20dB bandwidth, RBW shall use 1% of 20dB bandwidth. The 20dB bandwidth with high data rate is 4.68MHz, the RBW shall not be less than 46.8KHz. However, RBW of 30kHz was used. Please submit new test data for low channel with high data rate, high channel with high data rate.

Question #2: Conducted peak output power: In accordance to FCC public notice DA-00-705, RBW shall be greater than 20dB bandwidth of emission being measured. The 3MHz RBW was used to measure the conducted peak output power which is less than 20dB BW (4.68MHz). In addition, the span shall be approx. 5 times of 20dB BW. 5MHz span was used which is less than 5 times of 20dB BW. When redo the tests, please make sure the hopping is enable.

Question #3: Time of Occupancy (Dwell Time): In FCC public notice, 1 MHz RBW shall be used. However, 300kHz was used during the tests. Please submit new measurement data to comply such requirements.

Question #4: There are two modes of operation: Open-air and Home-RF modes.

The number of hopping frequencies during these two modes are different. Only 75 hopping frequencies spectrum plot was submitted, please submit spectrum plot to demonstrate number of hopping channels for Home-RF mode.

Question #5: Number of hopping frequencies: In accordance to FCC public notice, the span shall be the frequency band of operation, RBW shall not be less than 1% of the span. RBW 100kHz was used with 100MHz span. Please submit new spectrum plot to comply this requirement.

Best Regards

Mike Kuo / TCB Certifier

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.