

From: Jeff Liew [jeffl@proxim.com]
Sent: Thursday, July 19, 2001 11:18 AM
To: 'Mike Kuo'
Subject: RE: PROXIM, INC. FCC ID:IMK-HRFUSB2, AN01T1408

Hi Mike,

Attached are the plots you have requested for FCC ID:IMK-HRFUSB2, AN01T1408.

<<lowchbw.bmp>> <<midchbw.bmp>> <<highchbw.bmp>> <<hrfhopchannel.bmp>>
<<openairhopchannel.bmp>> <<timeofoccupancy.bmp>>

I also made conducted peak power measurements for the low, mid, and high channels. The readings are 86.7mW (19.38dBm), 85.8mW (19.33dBm), and 86.8mW (19.39dBm) respectively.

Please let me if you have any further questions. Assuming there are no other issues, we obviously would like to receive the grant as soon as possible. Your assistance in this manner is greatly appreciated.

Best regards,

Jeff Liew
RF Design Engineer
Proxim, Inc.
510 DeGuigne Drive
Sunnyvale, CA 94085
voice: 408-731-2734
fax: 408-731-3672
mailto:jeffl@proxim.com
http://www.proxim.com/

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

From: Mike Kuo [mailto:MikeKuo@CCSEMC.com]
Sent: Wednesday, July 18, 2001 5:24 PM
To: Steve Cheng; 'Jeff Liew'
Subject: FW: PROXIM, INC. FCC ID:IMK-HRFUSB2, AN01T1408

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

From: CERTADM
Sent: Wednesday, July 18, 2001 5:22 PM
To: Steve Cheng
Cc: Mike Kuo
Subject: PROXIM, INC. FCC ID:IMK

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 4.86MHz, the RBW shall not be less than 48.6KHz. However, RBW of 30kHz was used. Please submit new test data for low channel with high data rate, high channel with high data rate and Mid-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 (4.86MHz). 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.