From: etcemi [etcemi@ms29.hinet.net]
Sent: Tuesday, March 26, 2002 9:58 PM
To: Mike Kuo
Subject: Re: AboveCable, Inc., FCC ID:P8S-ACPC2000, AN02T1882

Hello! Mike,

Sorry for the delay. Please find our reply below:

For question #1: Sorry for our omission. Attached please find the re-tested result.
We use a HP 8564E SA with channel power function to measure the power, this is accepted by FCC in our past applications and you can confirm this with Mr. Joe Dichoso.

For question #2: Attached please find the page added into User Manual.

For question #3: The main emissions of highest channel (center at 2462MHz) are totally within the premisive operation band. Please check the band-edge plot or find below for strength of highest emission:

Frequency (MHz)	H(dBuV/m)	V(dBuV/m)
2483.8402	46.8(peak)/36.4(Ave.)	49.0(peak)/40.5(Ave.)

For question #4: Attached please find the operational description for DSSS technology.

If you have any further questions, please kindly let me know as soon as possible.

Best regards,

K. C. Chen
ETC/EMC Department II

----- Original Message -----
From: Mike Kuo
To: K. C. (E-mail)
Sent: Saturday, March 16, 2002 8:06 AM
Subject: FW: AboveCable, Inc., FCC ID:P8S-ACPC2000, AN02T1882

-----Original Message-----
From: CERTADM
Sent: Friday, March 15, 2002 4:05 PM
To: 'mkuo@ccsemc.com'
Subject: AboveCable, Inc., FCC ID:P8S-ACPC2000, AN02T1882

Notice_content

Question #1: Conducted output power: The rated output power is 13dBm, the measured output power is 10.8dBm with 3MHz/RBW. In accordance with FCC published Guidance on measurement for Direct Sequence Spread Spectrum

system, when measuring conducted output power, the RBW >6dB bandwidth. The measured 6dB bandwidth is 11.08MHz so measuring output power with specturm analyer with 3MHz is not allowed. If the limitation of sprecturm analyer are preventing you to use the RBW beyond 3MHz, you may use specturm analyer with RBW=1MHz, VBW=30kHz then you can use a bandwidth correction factor of 10log (emission bandwidth)/1MHz with the 1MHz capturing the peak of the emission. Please provide additional conducted output power to comply this requirement. After obtaining the correct output power, please correct the output power on all related document.

Question #2: User Manual does not contain RF Exposure warning information and the information required under section 15.21 and 15.105(b) of FCC rules. Please provide revised user manual.

Question #3: Please provide radiated emission data to demonstrate the device when turned to highest channel (2462MHz) the it complies with the field strength requirements in the restricted band of 2483.5-2500MHz.

Question #4: Please provide detail operational description (thory of operation) to justify that this device meets the definitio of a direct sequence spread spectrum (section 2.1 of FCC rules).

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.