Helen Zhao

Subject: FW: Cisco Systems, Inc., FCC ID.: LDK102055, Assessment NO.: AN05T4872, Notice#1

From: Danielle Zhan
Sent: Monday, June 27, 2005 2:04 PM
To: Helen Zhao
Cc: Barbara Judge; Michael Heckrotte; Mike Kuo
Subject: FW: Cisco Systems, Inc., FCC ID.: LDK102055, Assessment NO.: AN05T4872, Notice#1

Dear Helen,

Please find responses to your comments from client below.

Let me know if you have any further comment.
Danielle

Question #1: Both Hardware installation manual and test report specify that 9 antennas will be used for 2.4GHz radio and 5 antennas for 5GHz radios. But the data sheet of "CISCO AIRONET 2.4 GHZ AND 5 GHZ ANTENNAS AND ACCESSORIES" provided in the filing lists 8 antennas for 2.4GHz radio***[JN]*** I'm missing the AIR-ANT2506, attached here (AIR-ANT2506.pdf), and 3 antennas for 5GHz radio only***[JN]*** I'm missing AIR-ANT5170P-R and AIR-ANT5195P-R attached here (AIR-ANT5170 Patterns.xls and AIR-ANT5195 Patterns.xls); No specification of 10dBi Yagi antenna and 9 dBi Patch antenna are provided***[JN]*** Please refer to the Antenna data sheet;

Question #2: The hardware installation manual - Appendix D indicates that "Indicates the power level settings shipped from the factory. You might need to reset the maximum power levels used with your external antenna". Please explain how the users reset the maximum power level, and how you prevent the users from setting the level exceeding the approved maximum power level. ***[JN]*** The maximum power level at which the product will ship supports all antenna gains, so no user adjustments are necessary.

Question #3: The hardware installation manual - Appendix D lists the maximum power output level at 5470 to 5725 MHz band in US domain, however there is no test data in the band provided, please explain whether this device enables 5.5GHz operation. If not, please remove 5.5 band from the user manual. ***[JN]*** An updated manual is attached (AIR-AP1242AG Hardware Installation Guide2.pdf).

Question #4: The hardware installation manual is marked "confidential", however, this document will be provided to the end users. Please remove confidential mark from the manual.***[JN]*** Corrected in the attached manual (AIR-AP1242AG Hardware Installation Guide2.pdf).

Question #5: FCC ID label format shows an FCC ID (LDK102056) which is different from that listed on the other exhibits (LDK102055). It does not show FCC 15.19 Compliance statement either, since the device is not palm size, much larger than 8x10cm, please add the statement on the label too. Please submit a revised FCC ID label format.***[JN]*** I've updated the FCC ID number (AIR-AP1242AG-A-K9 102055 Label.jpg).

Please refer to the revised FCC ID label format.

Question #6: Request for Confidentiality Letter indicates a short term confidentiality is requested, until 08/01/2005. However Form 731 indicates that a request of defer grant is also request, with defer grant date: 08/01/2005. In that case, no need to request short term confidentiality. Please revise the confidentialilty letter.***[JN]*** A revised letter is attached (LDK102055 Confidentiality Request.pdf).

Question #7: Form 731 indicates CCS is the agent. Please submit an Agent Authorization Letter. ***[JN]*** Attached (Authorization Letter.pdf).

Question #8: Please provide more external photos to show 2.4GHz radio end view and 5GHz radio end view. ***[JN]*** Attached (Front Assembly.pdf and Back Assembly.pdf)

Question #9: Please provide more internal photos to show internal construction, if there are any parts other than the PCB board, please show them as well. ***[JN]*** Attached (Internal Assembly.pdf). There are no parts other than the housing, the PCB board, and

the antenna cables shown in the photo.

Question #10: Please provide information of RBW and VBW setting when you did radiated ***[JN]*** (RBW 120kHz, VBW 300kHz)and conducted spurious ***[JN]*** (RBW 9kHz, VBW 30kHz , and bandedge testing***[JN]*** (Peak:RBW 1MHz, VBW 1MHz; Average RBW 1MHz, VBW 10Hz).

Question #11: The 5GHz radio can use up to 9.5 dBi Antenna, but the limit of peak transmit power and PPSD is not calculated accordingly, thus is listed incorrectly. Please update the test report.***[JN] Attached (Revised Test report.pdf)***
The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 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.