

From: Mike Kuo
Sent: Wednesday, April 23, 2003 6:53 PM
To: Scott Wang
Subject: FW: D-Link Corporation, FCC ID:KA22002080002-2, AN03T2809 (DTS)

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

From: Mike Kuo
Sent: Wednesday, April 23, 2003 5:23 PM
To: Mike Kuo; Shirley Kang; 'vs@cclab.com.tw'; 'james_lee@cclab.com.tw';
'ting@cclab.com.tw'
Cc: Lucy (E-mail)
Subject: RE: D-Link Corporation, FCC ID:KA22002080002-2, AN03T2809 (DTS)

Question #12: Please provide a photo to show where the internal antenna is mounted during the tests.

Question #13: Please provide antenna connector specification to address integral antenna requirement.

Best Regards

Mike Kuo

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

From: Mike Kuo
Sent: Wednesday, April 23, 2003 2:19 PM
To: Shirley Kang; 'vs@cclab.com.tw'; 'james_lee@cclab.com.tw';
'ting@cclab.com.tw'
Cc: Lucy (E-mail)
Subject: FW: D-Link Corporation, FCC ID:KA22002080002-2, AN03T2809 (DTS)

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

From: CERTADM
Sent: Wednesday, April 23, 2003 12:25 PM
To: 'mkuo@ccsemc.com'
Subject: D-Link Corporation, FCC ID:KA22002080002-2, AN03T2809

Notice_content

Question #1: Antenna specification PDF file is damaged and can not be opened. Please submit antenna specification file again.

Question #2: In the user manual, it refer to " Quick Install Guide " for installation instruction. Please provide Quick Install Guide.

Question #3: The user manual only indicate the device is using with external antenna. There is no place mentioned internal antenna as shown in the internal photos. Please provide a complete user manual to include all functions of the device.

Question #4: Please provide detail information on how the external antenna and internal antenna will be connected to the PCI card and address the internal antenna requirement as stated in 15.407(d) of FCC rules.

Question #5: Since this PCI is operating in two different rule parts. 2.4GHz band and 5.8GHz will be operated in the 15.247 as digital transmission system (DTS) and 5.15-5.35GHz band as UNII device under 15.407 of FCC rules. A composite device filing is required. The test report will be written in such way to address DTS and UNII requirement separately. Do not combine 15.247 and 15.407 test report into one test report. All required attachments will be submitted individually under each rule part. For this application, assessment no:AN03T2809 is used for DTS application and AN03T2808 is used for UNII application.

Question #6: The cover page of test report indicates Industry Canada RSS210 as technical standard. The report is submitted for FCC certification. Please make necessary changes.

DTS portion of Test report

Question #7: Page 48 of test report, at 9748MHz/H, the peak and average limited used is not according to 15.209 general requirement due to the spurious emission(9748MHz) is not within restricted band per 15.205 table. Per 15.247(c) requirement, for those spurious emissions not within the restricted band, the limits are 20dB down of fundamental frequency, there is not fundamental field strength measurement to support the limits of 84.8dBuV/m (peak) and 78.6dBuV/m(average). Please provide fundamental field strength of Antenna A (Middle channel)/802.11b. Please review the radiated spurious emission test data and provide fundamental field strength for each channel to justify the technical limits used.

Question #8: Page 58 of test report, at 802.11a /high channel, the fundamental frequency for high channel is 5825MHz. The field strength reported at 5825MHz is lower than the spurious emission. Please address this non-compliance issue.

Question #9: Peak output power : Page 95 and 96 of test report: the bottom of test report indicates the average output power is reported in the test report. This statement does not agree with peak output measurement as stated. Please explain.

Question #10: Please provide cable loss information for peak power measurement.

Question #11: Please delete all UNII portion of test data from the test report and submit revised test report per 15.247 requirements only.

Best Regards

Mike Kuo

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.

