
From: Claire Hoque
Sent: Friday, February 18, 2005 11:07 AM
To: Helen Zhao
Cc: Thu Chan
Subject: answer: Ubiquiti Networks, Inc., FCC ID: SWX-AP1R2 , Assessment NO.: AN05T4567



AP1_User_Guide(revised).pdf

Hi Helen,

Here are the answers.

1) Please take a look the output power measurement, have they consider cable loss during peak output power measurement. The spectrum plots does not indicate cable loss offset and the tabular data does not indicate the cable loss.

<Ubiquiti>Power was measured directly out of the antenna port.

In other words, the cable/port (of the product) was directly into the Spectrum Analyzer.

2) RF conducted spurious emission only investigated upto 26GHz for 5.8GHz band. The upper frequency range to be investigated should be 40GHz.

<Ubiquiti>26-40 GHz radiated data is already included in CCS report.

3) The user guide only contain minimum information, do they have complete user manual ?

By the way, please ask the client to revise the manual to include the RF exposure statement such "The antenna(s) used for this device must be installed to provide a separation distance of at least 40cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. "

<Ubiquiti>pls see revised user's manual.

4) In Radiated emission test report, there is no description on the operating condition of 2.4GHz and 5GHz transmitters. What are the operation mode for each transmitter ?

<Claire>pls see revised CCS test report(Thu will provide this afternoon).

Thanks,

Claire

From: Claire Hoque
Sent: Friday, February 11, 2005 10:32 AM
To: Helen Zhao
Subject: RE: Ubiquiti Networks, Inc., FCC ID: SWX-AP1R2 , Assessment NO.: AN05T4567, Notice#1



UBI_CONDUCTED_
DATA(revised).pd...

Hi Helen,

Here is revised report.

Question #1: The test report named UBI_CONDUCTED_DATA is labeled as "Confidential". Please note test report is not allowed to keep confidential. Please remove it.

Question #2: Page 10 of the test report (UBI_CONDUCTED_DATA) shows wrong plots for 802.11b low channel and middle channel. Please swap the plots.

Question #3: The MPE calculation in the test report of UBI_CONDUCTED_DATA uses 29.04dBm as the max. power output for 802.11a, but the test results show the max. power is 29.12dBm, please update the test report.

Thanks,

Claire