

Helen Zhao

Subject: SAMSUNG ELECTRONICS CO., LTD., FCC ID: A3LSMTR2000 , Assessment NO.: AN06T5400, Notice#1

From: Kwon, James

Sent: Friday, January 06, 2006 12:47 AM

To: Helen Zhao

Subject: RE: FCC submission, 2.4/5 GHz Access point without DFS (Sam Sung)

Hi Helen, Pls find my reply at below.

Thanks and have a nice day.
James Kwon

2) UNII (Assessment No: AN06T5400).

Question #1: The user manual does not contain RF exposure statement as specified in 15.407(e).

Below is an example:

This device is restricted to indoor use only within the 5.15-5.25 GHz band to reduce any potential for harmful interference to co-channel MSS operations.

[James] Added to user manual.

Question #2: The report indicates the radiated emission test was done with a 4dBi@5G dipole antenna. Please provide antenna specification.

[James] Samsung uses 2 antennas. Attached pls find two Antenna spec.

Question #3: The user manual indicates the device uses Atheros' chipsets thus has 802.11g turbo and 802.11a turbo functions. But the test report does not show turbo mode has ever been investigated. Please provide additional test data with 802.11a turbo at 5210MHz, 5250MHz and 5290MHz.

[James] Samsung does not use Turbo mode. 1st User manual is incorrect one. Attached please find correct user manual.

Question #4: The test report shows spurious emission test in 5.2GHz band was tested upto 26.5GHz. Based on 15.33(a) (1), it should be upto to 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. Please provide additional test data from 26.5GHz to 40GHz.

[James] Re-tested and inserted test data to test report.

Question #5: Page 17 of UNII test report - Please explain where the limit of 88.3(peak)/68.3(Avg) dBuV/m come from. Please provide fundamental field strength plots.

[James] We revised the test report and show fundamental field strength values in the report.

Question #6: Page 27 of the test report shows 5dBi antenna gain, which does not agree with page 37 in the same test report. Please update the test report.

[James] Amended.

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.