



June 8, 2005

To: Timothy Johnson
American Telecommunications Certification Body Inc.

From : Leon Kogan
JMR Electronics Inc.

Applicant : Strix Systems Inc.
FCC ID: RFM-ACCESS-ONE-IE

Dear Mr. Johnson:

Below you will find the information that was requested in your letter on February 10, 2005. All items concur with the numbered questions in your letter.

1. Two corrected 731 Forms are uploaded to ATCB website
2. The transmitter mini-PCI board is an OEM part manufactured by Arcadyan. The complete schematics for this device have been provided to you directly from Arcadyan. Additionally, schematics for the main board and a block diagram showing all oscillators have been uploaded to the ATCB website.
3. Photos with shields removed, have been uploaded to the ATCB website.
4. The 802.11 transmitter modules WM11Ae and WM11Ge that this application addresses are electrically identical. Software configuration during the manufacturing process determines whether the device is an 802.11a device (WM11Ae) or an 802.11b/g device (WM11Ge).
5. The forms 731 has been updated to include the missing dash.
6. The label on the antenna module has been corrected. Only the 802.11 transceiver modules, which this application addresses, show the FCC label with FCC ID.
7. The part 2 statement has been included on the label. New label photos have been uploaded to the ATCB website.
8. Labeled photos of the antenna module have been uploaded.
9. The manual has been corrected to show 2.412GHz as the start of the 802.11b/g band.
10. Inclusion of information regarding the AMEA module was an error on the part of Strix Systems. The AMEA module is no longer offered by Strix Systems.
11. The WM11Ae and WM11Ge 802.11 radio modules utilize reverse polarized SMA connectors to ensure compatibility only with antennas offered by Strix Systems that comply with FCC guidelines.
12. Both the WM11Ae and WM11Ge are electrically identical. Software configuration during the manufacturing process, determines whether the device is 802.11a or 802.11b/g.
13. Photos of the test configuration have been uploaded to the ATCB website.
14. The transmitter mini-PCI board is an OEM part manufactured by Arcadyan. The complete schematics for this device have been provided to you directly from Arcadyan.
15. Antenna elements are never shared in the Strix Systems AM11AABG antenna module. As shown in the Antenna Use Diagram, uploaded separately, the antenna module contains both a single band and a dual band element. The elements are omnidirectional and exhibit greater than 20dB of isolation. Through the use of a pass-through passive RF port on the radio module, the signal from the next module down in the stack is redirected to the unused antenna element.
16. The Strix Systems IWS, WM11Ae and WM11Ge that this applications covers are not PC peripherals. The Test Report has been updated appropriately.

17. Please refer to the revised test report. Both peak and QP data have now been included.
18. The referenced test data has been retaken using the correct RBW. Please refer to the updated test report for the corrected data.
19. Please refer to the IWS_Antennas document which details the cable length for the external antennas.
20. The Radiated Emissions data in the table below 1 GHz was taken after emission maximization at exacting frequency. The plot of these measurements from 30MHz to 1 GHz was not so precision maximized.
21. The radiated test data has been retaken using the correct test methods. Please refer to the updated test report for the correct test data.
22. Please refer to the updated test report.
23. Please refer to the updated test report
24. Please refer to the revised test report.
25. Please refer to the updated test report. PSD data has been included for low, mid and high 2.4 GHz channels.
26. Please refer to the revised and corrected test report
27. Please refer to the updated test report. Strix Systems currently offers only the dual-band omnidirectional antenna module and a dual-band external omnidirectional antenna. The external omnidirectional antenna has the highest gain in both the 2.4 and 5 GHz bands and was used for all the radiated tests.
28. Please refer to the revised and corrected test report
29. Please refer to the updated test report. Low, mid and high channels have been tested for both the 5.15 to 5.25 and the 5.25 to 5.35GHz bands. Method #1 in the UNII testing guidance was followed.
30. Please refer to the updated test report.
31. Please refer to the revised and corrected test report
32. Please refer to the updated test report. Method#1 was used for the channel power measurement. Since the method calls for power averaging over 100 sweeps, the spectrum analyzer average detector was utilized during RF power triggered sweeps with max hold. This produces the highest power averaged over the sweep period from 100 sweeps. For the peak trace, the peak detector was utilized (Peak Measurements Method#1 of the UNII document) with the same settings discussed previously. Both traces utilize 1MHz RBW and 3MHz VBW.
33. Please refer to the updated test report.
34. Please refer to the updated test report.
35. The device covered under this application and all supporting hardware have been tested to comply with FCC Class B emissions. The corrected user manual reflects this.
36. The Country Code cannot be changed by the end user. The original Strix Systems configuration software provided to customers with the EUT forced users to select the Country Code that their device had been configured for from the factory. This allowed the software and the EUT to work correctly together. At no time could the customer actually change the Country Code within the device or access channels for which the device should not operate.
37. A Bluetooth module is no longer offered by Strix Systems.
38. Strix Systems no longer offers Bluetooth devices. The only antenna module offered is a dual element 802.11a and 802.11a/b/g module, model number WM11AABG.
39. Only a single 802.11a, single 802.11b/g or 802.11a/b/g combinations are supported by Strix Systems. Please refer to the updated AccessOne Network User Guide page 51 which discusses the supported combinations.
40. Only a single 802.11a, single 802.11b/g or 802.11a/b/g combinations are supported by Strix Systems. Please refer to the updated AccessOne Network User Guide page 51 which discusses the supported combinations.

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41. The user only has access to the channels allowed on the device based on the country code assigned to the device at the factory. The user does not have the ability to change the country code nor access channels outside of those allowed by the country code.

We appreciate how thorough your comments were on this submission. We apologize for the prior errors, but feel the updated documents provided address these issues.

Sincerely,



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