

Thomas N. Cokenias *EMC/RFI Specialist*
Test & Consulting Services for Commercial, Military, International Compliance
P.O. Box 1086
El Granada, CA 94018
tom@tncokenias.org

FCC Laboratory
7435 Oakland Mills Road
Columbia MD 21046
Attention: Andrew Leimer

24 February 2005

Applicant: Airgo Networks Inc.
Description of Product: 802.11 abg MIMO Access Point

Product Model No.: AGN1201AP
New Product FCC ID: SA3-AGN1201AP0000

Dear Andy,

The current filing for the new model AGN1201AP, FCC ID: SA3-AGN1201AP0000, is a one radio version of the previously certified FCC ID: SA3-AGN1201AP0000 which had two radios in the AP cabinet.

The new single radio product has the same minipci radio card used in the original product. The 3 antennas used with the new single radio version of the AP are identical to those used in the original product. The identical AP motherboard, case, and power supply used with the original dual radio product are used for the new single radio product.

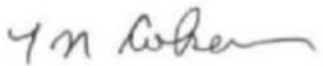
The only differences between the two products are that one radio card is not loaded into the AP, and three antennas are not mounted onto the outside of the AP case. Otherwise, the two products are identical electrically and mechanically.

As such, the test report for the previous two radio product is representative of and applicable to the present one radio product in almost every way:

- Antenna port conducted measurements are all applicable, as identical radio module is being used,
- Harmonic and spurious radiated emissions are applicable as original testing was performed for one radio at a time except for co-transmission intermod test, not applicable to a single radio unit.

The previous test report has been uploaded to the web site for your reference. Line conducted and radiated harmonic emissions testing was performed for the single radio AP product and has been uploaded to the web site as well. I believe this additional testing addresses the different emissions scenarios presented by a single radio AP, namely a different load on the power supply for AC line conducted emissions, and the absence of a second set of antennas that may have acted as passive reflectors or directors in the two radio version. If you have questions, please don't hesitate to contact me.

Sincerely,



T.N. Cokenias
Agent for Airgo Networks