

HEMINGFORD CO-OPERATIVE TELEPHONE CO.



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Norberto Esteves
Chairman, Technical Standards
Committee "A" (Telecommunications)
1400 Independence Ave. SW
RM 2866-S, STOP 1598
Washington, DC 20250-1598

Dear Mr. Esteves,

We are happy to provide testimony of our experience deploying Airspan's 700 MHz wireless broadband equipment, the ASWipLL 700™. We understand this information will be used by the Rural Utility Service department of the USDA to evaluate the ASWipLL 700™ product and to verify it performs effectively and to specification. Overall we are please with the product's performance, plan on purchasing more and would recommend it to others with appropriate spectrum. Answers corresponding to the Rural Utility Service Field Trial Testimony questions follow:

In September '04 Hemingford Co-operative installed four ASWipLL 700™ base stations with a total capacity of 504 Customer Premise Equipment (CPE) units (126 CPEs per base station). The system is allocated to handle 500 kbps of data per customer both ways (up and down stream). We deployed the product for the purpose of transmitting data and phone service to six rural communities of which four have populations under one thousand people. In September '04 we deployed 15 CPEs in a trial which have been in service ever since. Those 15 trials have since been converted to customers.

The equipment has preformed very well. There has been no evidence of multipath issues and we have transmitted as far as 26 miles away. On average we transmit 8 to 10 miles. We have found the product performs as promised. Upgrades have been user friendly -- a great benefit compared to some of our legacy equipment and the system management software gets high marks for ease-of-use and reliability.

Our installation, trial and going live experience was smooth with two exceptions. First when we were initially installing the product we experienced a problem with a third party (Nortel) component we were using to link the Airspan equipment to our network. It wasn't Airspan's issue, and we got it resolved by working with Nortel, and we were up.

and running. The next issue was with a base station failure. After being live for a couple of weeks one of our four base stations went down. Airspan responded immediately by swapping it out with a new base station. They overnighted the replacement and we hooked it up with no problems at all. Even during the swap out the three other base stations kept working without a problem. I was very pleased with Airspan's response time, their solution and the robust nature of the system that it could handle the failure and replacement with no disruption to the rest of the network.

The system has been working great ever since and we are very pleased. We look forward to expanding our server to include video and will be buying more Airspan equipment (base stations and CPEs). I would strongly recommend the product to others interested in rural broadband deployments.

If you have any questions or comments I can be reached by the means below.

Sincerely,



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