



May 6, 2010

ATCB
Applications Examiner

**RE: Cirronet, Inc. , FCC ID: HSW-WSN802G, IC: 4492A-WSN802G
ATCB008999 Response to May 04, 2010 Comments Letter**

1) Kindly provide the comparison photographs mentioned in the KDB inquiry comparing the old/new.

[Photographs have been uploaded.](#)

2) The KDB mentions 802.11 vs. 802.11b. However the test report suggests 802.11g and compatibility with b/g. This does not appear to be the case. If so, there are additional modulations to test. Please review.

[The unit is not and never was compatible with 802.11g. The original report mistakenly described the product as compatible with 802.11g, but this was not the case and no additional bandwidth was added to the unit. The product description in the report has been revised.](#)

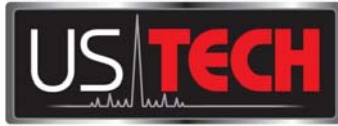
3) Why is DA 00-705 listed? This is a frequency hopping test procedure. This device is not a frequency hopper.

[The Marker-Delta Method which is mentioned in DA 00-705 was used to measure the upper bandwidth. The configuration of tested system has been revised.](#)

4) It is uncertain how 160 mW for a limit was calculated. $30 \text{ dBm} - 6 \text{ dB gain above } 6 \text{ dBi} = 24 \text{ dBm}$. Is there another gain antenna not listed?

[There is no additional antenna. The limit has been revised.](#)

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5) Was power measured and rechecked to be equivalent to previously approved value? This is always of prime importance to show equivalence and no change.

The radiated power high channel (2462.0 MHz) using the patch antenna at 3 meters (page 15) was compared to the original report power high channel (2462.0 MHz) using the patch antenna at 3 meters (page 17, original report). The new measurement is 107.86 dBuV/m compare to 107.49 dBuV/m original data. We have noted measuring conducted power for future reports.

If you have any other questions, or need additional information, please let me know.

Best Regards,

A handwritten signature in cursive script that reads "Sandi McEnergy".

Sandi McEnergy
Manager

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