



4/21/2006

Mr. Doug Noble
ATCB

RE: Cirronet

FCC ID: HSW-2410G

Below is my response for your comments on this Application.

1.) Please upload External Photos with shields on for this application.

Uploaded

2.) Please upload Schematics for this application.

Schematics were uploaded, they were located with the block diagram section. They have been removed and moved to their own section and uploaded.

3.) Please revise RF Exposure Information to include calculations for the mobile antennas and upload to ATCB.

RF exposure section contains both mobile and fixed RF exposure calculations.

4.) Please upload SAR attestation for Industry Canada. See RSS-102 November 2005 last two pages.

Uploaded.

5.) It appears that a modular approval is desired for this device. When modular approval is requested, a cover letter addressing each of the modular issues in the FCC guidance document must be provided. Please provide a cover letter addressing each of the modular requirements.

Uploaded.

6.) Spectrum Analyzer and LISN are out of calibration in test report.

At the time of testing, both the Spectrum Analyzer and the LISN were in calibration. The 8448 has been removed, since it was not used. The LISN Cal dates have been updated. The corrected report has been uploaded.

7.) The RF exposure exhibit lists frequencies from 2400.9 – 2476.2. However the 731 form lists 2401.69 – 2469.89, the test report lists 2400.15 – 2469.81, and the theory of operation cites 2401.6896 – 2469.888. What are the lowest and highest channels? All exhibits should be consistent. Please correct as necessary.

The correct frequencies are 2401.6896-2469.888. Output Power was corrected to reflect the maximum power output frequency, but due to the short pulsing of the signal to simulate a constant output, the spectrum analyzer recorded spikes slightly lower than the actual lower frequency, but representative of the maximum power output. Form 731 has been corrected.

8.) The manual appears to be missing information of 15.21. Please update. If I have missed this please accept my apologies and tell me where it is.

Manual updated and uploaded.

9.) Please provide information concerning “the system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals”. Please provide information for this.

Uploaded.

10.) ID label info in the manual states "Contains TX FCC ID: HSW-2410. On the 731 it is HSW-2410G which is correct? With or without the “G”?

With the “G”. Manual corrected.

11.) A peak plot is missing on page 119 of the test report please retest or find this plot and put it in the revised test report .

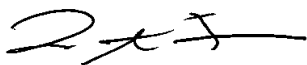
Retested, added, and report modified.

12.) Please upload Block Diagram for this application.

Already uploaded. Re-sent. Into Block Diagram file.

Please contact me with any further questions.

Sincerely,



Louis A. Feudi
Vice President of Operations and Engineering