



ATCB
Attn: Mr. Tim Johnson
RE: Cirronet
FCC ID: HSW-2410M

Tim,

Below is our response to your comments.

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) Please update the test configuration photograph exhibits (separate exhibit from test report) for the additional tested configurations.

Photos have been uploaded.

- 2) The margins for table 4s and 5s do not appear correct. Please review.

The limits listed were incorrect. The fundamental frequency measured has been added to the table, and the limits have been corrected and uploaded as part of the revised report.

- 3) Please explain the derivation of the odd limit in tables 4v, 4y and 5y or correct as necessary.

These limits were based upon the fundamental. The value measured for the fundamental has been added to the table to illustrate the limits.

- 4) There is a concern that all the highest emissions on the additional antennas tested appear at the 3rd harmonic while none of the previous antennas show any data from the 3rd harmonic. There is concern that the previous antennas may not have been adequately examined at the 3rd harmonic.

Please comment and/or address as necessary.

The last 3 antennas of the report were tested at 1 meter and derived to 3m for limit comparison. All other antennas were tested at 3 meters to FCC limits. In order to confirm that the data was acceptable, we conducted 3rd Harmonic testing at low, mid and High channel on the Omni antenna, which is the worst case gain for the types of antennas not represented by the patch, gold whip and stub antennas tested at 1 meter. All three channels yielded a 4.2 dB minimum margin to forbidden band limits (5000 uV/m), which are stricter than the actual limits required. A copy of the data and plots have been uploaded.

- 5) The last paragraph of the RF exposure appears to mention a 26 cm distance. It appears this should be 20 cm. Please review.

The 20 cm distance refers to the mobile installation data, which resulted in 0.1 mw/cm².

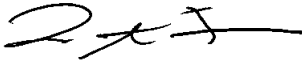
The 26 cm minimum distance references the fixed data results, which was 1.6 mw/ cm². Cirronet will instruct a minimum safe distance of 26cm up to 2m for fixed installations.

6) For radiated bandedge, what are the final radiated results (peak & average) for these measurements. Note you need only present worse case from the data provided.

Worst case is figure 6d, Parabolic Dish, low channel, at -36.22 dBm, with a limit of -30 dBm. No averaging data was provided due to the averaging factor was greater than 20 dB.

Thank you for your excellent service and response time.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. Feudi', with a stylized flourish at the end.

Louis A. Feudi
Operations Manager