Dan,

We did not use/need a high pass filter for blocking the fundamental because we used the high gain horn antennas. The roll off in frequency response of these antennas effectively blocked the fundamental and prevented saturation. Use of these antennas accomplishes the same thing as the use of a high pass filter.

As you surmised, the statements contained within the report regarding no emissions observed within 20dB of the limit were not accurate due to noise floor limitations. At the tenth harmonic our measurement system noise floor is only 10dB below the general limits. We have revised the test report to reflect this (see attached). Sorry for the oversight.

Regards,

Scott Wentworth
Branch Manager
RETLIF TESTING LABORATORIES

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From: Daniel E. Crowder [mailto:decrowder@elitetest.com]
Sent: Thursday, November 10, 2005 9:47 AM
To: 'Scott Wentworth'
Cc: 'Richard King'
Subject: RE: Fitsense Cert. Application

Scott,

A couple of questions were asked about the testing. Can you verify that your ambient level is greater than 20 dB below the general limits at the 10th harmonic? And, do you use any type of high-pass filter for blocking the fundamental? If not, how do you check and prevent the pre-amp for saturation?

Regards,

Dan Crowder
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