

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

November 12, 2010

Mario A. Rivas President and Chief Executive Officer Anadigics, Inc. 141 Mt. Bethel Road Warren, NJ 07059

Re: Anadigics, Inc.

Form 10-K for the fiscal year ended December 31, 2009

Filed March 12, 2010 File No. 000-25662

Dear Mr. Rivas:

We have completed our limited review of your filing and do not have any further comments at this time.

Sincerely,

Russell Mancuso Branch Chief

cc (via fax): Stephen A. Greene, Esq.

Cahill Gordon & Reindel LLP