



Bay Area Compliance Laboratories Corp.
1274 Anvilwood Avenue
Sunnyvale, CA 94089 USA
Phone: (408)-732-9162
Fax: (408)-732-9164
www.baclcorp.com

2008-01-17

Federal Communications Commission

Office of Engineering and Technology
7435 Oakland Mills Rd.
Columbia, MD 21046
Phone: 301-362-3000
Fax: 301-362-3290

To Whom It May Concern:

BACL in cooperation with Ixia has compiled the following responses to FCC correspondence: 47774 regarding FCC ID: RCXEE11ABG5. Following is the original FCC Correspondence with responses featured in red. The necessary clarifications, revisions, and upload of requested documentation has been completed. If there are any other concerns or questions regarding this submission please contact us at bacl.regulatory@baclcorp.com. Thank you.

A handwritten signature in black ink, appearing to read "Douglas Méndez".

Douglas Méndez
Document Control Supervisor
Bay Area Compliance Laboratories Corp.
Phone: (408)732-9162
Fax: (408)732-9164

From: Richard Tseng
Richard.Tseng@fcc.gov
FCC Equipment Authorization Branch
Re: FCC ID: RCXEE11ABG5
Applicant: Ixia
Correspondence Reference Number: 47774
Date of Original Email: 2008-01-17

FCC Correspondence: Is there any correlation between the number of simulated virtual stations vs. the output power of the device? How many virtual stations were created during test? Please let us know. Thanks!

Response: There is no correlation between the number of simulated virtual stations (vSTAs) vs. the output power of the device.

In compliance with the media access rules, each radio can only transmit one frame at a time. The number of vSTAs per radio does not alter the one frame at a time transmission rate of the radios, only the content of the transmitted frame.

The number of vSTA's used during testing is not known, however regardless the number of vSTA's the device was tested at maximum output power. The user cannot affect the power output by varying the vSTA configuration/number.