

From: OET Generic account [oetech@fccsun34w.fcc.gov]
Sent: Friday, September 03, 2004 5:43 AM
To: hotline@americantcb.com
Subject: audit

To: William Graff
From: Tim Harrington Tim.Harrington@fcc.gov
FCC Equipment Authorization Branch

Re: FCC ID: GU6WJSX2000A

Applicant: Paxar Americas, Inc.
Correspondence Reference Number: 13742
731 Confirmation Number: TC818430
Date of Original Email: 09/03/2004
Subject: audit

For MPE exhibit, how is antenna gain of -15.1 dBi determined?

Response: The gain was determined using the conducted value 29.5 dBm and radiated field strength value of 99.6 dBuV/m (converted to 4.4 dBm).

The value 29.5 dBm minus the 9 dB in-line attenuator, and the 1 dB cable loss to the antenna, yields 19.5 dBm, minus the 4.4 dBm value from the field strength conversion, resulting in a net loss of 15.1 dB for the antenna.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal pursuant to Section 2.917(c). DO NOT Reply to this email by using the Reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet at www.fcc.gov, E- Filing, OET TCB Electronic Filing, TCB Login. If the response is submitted through Add Attachments, a message which informs the processing staff that a new exhibit has been submitted must also be submitted via Submit Correspondence. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.