

Exhibit 12: Operational Description**§ 15.203 Antenna Requirements**

The SN992CSEO uses two Dipole antennas that connect to the main board via coax cable using special connectors. The same type as specified by the manufacturer can only replace these antennas; therefore, it meets the requirements of this section.

The ZT contains two antennas for diversity purposes, only one antenna transmits during normal operation.

§ 15.307 Coordination with fixed microwave service

Enclosed on the following page is the UTAM affidavit stating compliance to this section.

UTAM Affidavit



Communication Certification Laboratory

October 8, 1999

NEC America, Inc.
Mr. Paul Weismantel
1555 West Walnut Hill Lane
Irving, Texas 75038

Dear Paul:

On behalf of UTAM, Inc., Communication Certification Laboratory, has certified that the equipment identified below, meets the disablement and location verification process (LVP) requirements of FCC Rule 15.307, and qualifies as a UTAM approved coordinatable device.

Applicant: NEC
UTAM Member Number: NECAMER
UTAM Certification ID: AY5CCLUM00019
FCC ID Number(s):
Fixed: AY5SN992CSEO

Model number(s):
System: NEAX2400IMS, NEAX2400IMS, NEAX2400IMS,
NEAX2000IVS, NEAX1000IVS, NEAX2000IVS²
Fixed: SN992CSEO

Any changes to the (LVP) or disablement mechanism and procedure or any changes to the FCC Certification may require recertification by UTAM, Inc. Please document and forward the details of any changes to Communication Certification Laboratory.

Communication Certification Laboratory will continue to maintain strict confidentiality regarding the engineering and functionality of your product, including the disablement and location verification mechanism.

A copy of this affidavit shall be included with your application for certification by the FCC, in accordance with FCC Part 15, Subpart D.

Sincerely yours,

Richard D. Foster
Certifying Engineer
UTAM Certification Laboratory

Corporate Office and Laboratory
1940 West Alexander Street Salt Lake City, Utah 84119-2039
Tel (801) 972-6146 Fax (801) 972-8432

www.cclab.com

EMC Open Area Test Site
500 West Wanship Road Wanship, Utah 84017-9760
Tel (435) 336-5868 Fax (435) 336-2785