

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WC9XVO

(Call Sign)

XD MO

(Class of Station)

0090-EX-ST-2007

(File Number)

NAME ViaSat, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Testing mobile earth station antenna that will be installed on U.S. Army helicopters deployed to the Middle East region.

Station Locations

- (1) MOBILE: San Diego, CA, at a maximum altitude of 1550 meters, within 80.5 km, centered around NL 33-07-35; WL 117-16-30
- (2) MOBILE: Miami, FL, at a maximum altitude of 1550 meters, within 80.5 km, centered around NL 25-55-02; WL 80-13-30
- (3) MOBILE: Arlington, VA, at a maximum altitude of 1550 meters, within 80.5 km, centered around NL 38-56-00; WL 77-03-00
- (4) MOBILE: Fort Eustis, VA, at a maximum altitude of 1550 meters, within 80.5 km, centered around NL 37-02-00; WL 76-04-00
- (5) MOBILE: Tampa, FL, at a maximum altitude of 1550 meters, within 160 km, centered around NL 27-51-14; WL 82-30-18

Frequency Information

MOBILE: San Diego, CA, at a maximum altitude of 1550 meters, within 80.5 km, centered around NL 33-07-35; WL 117-16-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	36M0G7D	6 MW (ERP)	

This authorization effective March 09, 2007 and
will expire 3:00 A.M. EST August 28, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Miami, FL, at a maximum altitude of 1550 meters, within 80.5 km, centered around NL 25-55-02; WL 80-13-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	36M0G7D	6 MW (ERP)	

MOBILE: Arlington, VA, at a maximum altitude of 1550 meters, within 80.5 km, centered around NL 38-56-00; WL 77-03-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	36M0G7D	35 kW (ERP)	

MOBILE: Fort Eustis, VA, at a maximum altitude of 1550 meters, within 80.5 km, centered around NL 37-02-00; WL 76-04-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	36M0G7D	35 kW (ERP)	

MOBILE: Tampa, FL, at a maximum altitude of 1550 meters, within 160 km, centered around NL 27-51-14; WL 82-30-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	36M0G7D	35 kW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) POINTS OF COMMUNICATION: SES Americom AMC-6 and SES New Skies NSS-7 Satellites.

Special Conditions:

- (3) Prior to commencement of operations with SES Americom AMC-6 and SES New Skies NSS-7, pursuant to this experimental license, ViaSat Inc. shall obtain a certification from SES Americom and SES New Skies that SES Americom and SES New Skies have notified all satellite operators with co-frequency operations within 6 degrees longitude of each of SES Americom AMC-6 and SES New Skies NSS-7, generally describing the experimental operations authorized herein, including the term thereof, and providing a point of contact for the purpose of resolving any complaints of interference. ViaSat Inc. shall obtain a similar certification from SES Americom and SES New Skies if, during the term of this experimental license, SES Americom AMC-6 or SES New Skies NSS-7 move orbit locations, or if a satellite operator commences co-frequency operations within 6 degrees longitude of SES Americom AMC-6 and SES New Skies NSS-7. If the point of contact receives a complaint of harmful interference, the party receiving the complaint (if not ViaSat Inc.) will notify ViaSat Inc., and ViaSat Inc. shall immediately cease such operations or adjust such operations to avoid harmful interference. ViaSat Inc. will submit a copy of SES Americom's and SES New Skies' certification(s) to the Commission for incorporation into the record of this file.
- (4) In accordance with Article 4.4 of the ITU Radio Regulations, the operations authorized herein shall not cause harmful interference to, and shall not claim protection from harmful interference caused by, a station operating in accordance with the provisions of the ITU Constitution, the ITU Convention, and the ITU Radio Regulations.
- (5) Operation is limited to 2 units per event and 12 units at any given time.
- (6) ViaSat Incorporated must coordinate use with the DoD Western Area Frequency Coordinator, China Lake, CA., (760) 939-6948 prior to commencing testing in the San Diego area.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Daryl Hunter at (888) 272-7232.