

Behnam Ghaffari

Subject: FCC FILE NO 0048-EX-PL-2007

From: Hunter, Daryl [mailto:daryl.hunter@viasat.com]
Sent: Thursday, March 15, 2007 12:28 PM
To: Behnam Ghaffari
Subject: RE: FCC FILE NO 0048-EX-PL-2007

That sounds fine. Yes I agree.

Daryl

Mr. Hunter,

If you agree let's delete "CONUS and nearby waters" form your application and I will find out how far off the coast you can conduct your experiment.
Though I will put a special condition for offshore demonstration and limitation on your application.

Ben Ghaffari
Office of Engineering and Technology
Federal Communications Commission
Experimental Licensing Branch

From: Hunter, Daryl [mailto:daryl.hunter@viasat.com]
Sent: Thursday, March 15, 2007 11:56 AM
To: Behnam Ghaffari
Subject: RE: FCC FILE NO 0048-EX-PL-2007

Yes, that's correct,

Daryl

From: Behnam Ghaffari [mailto:Behnam.Ghaffari@fcc.gov]
Sent: Thursday, March 15, 2007 8:52 AM
To: Hunter, Daryl
Subject: RE: FCC FILE NO 0048-EX-PL-2007
Importance: High

All offshore antennas will be aboard U.S. registered aircraft/vessels?

3/15/2007

From: Hunter, Daryl [mailto:daryl.hunter@viasat.com]
Sent: Thursday, March 15, 2007 11:43 AM
To: Behnam Ghaffari
Subject: RE: FCC FILE NO 0048-EX-PL-2007

I would expect that the vast majority of testing would occur within 20 miles of the coast.

No testing is currently planned for Alaska, Hawaii or any of the US possessions.

Regards,

Daryl

From: Behnam Ghaffari [mailto:Behnam.Ghaffari@fcc.gov]
Sent: Thursday, March 15, 2007 5:28 AM
To: Hunter, Daryl
Subject: RE: FCC FILE NO 0048-EX-PL-2007
Importance: High

Mr. Hunter,

How far off the coasts (west and east) are you planning on performing your experiment/demonstration?
Will you conduct any tests near Hawaii, Alaska and US possessions in the Pacific Ocean, Puerto Rico and other US territories in Atlantic Ocean?

Ben Ghaffari
Office of Engineering and Technology
Federal Communications Commission
Experimental Licensing Branch

From: Hunter, Daryl [mailto:daryl.hunter@viasat.com]
Sent: Wednesday, March 14, 2007 2:04 PM
To: Behnam Ghaffari
Subject: RE: FCC FILE NO 0048-EX-PL-2007

Hi Ben,

The azimuth pointing angles for the cities are as per the table below for the AMC-6 and NSS-7 satellites:

Gathersburg, MD,	171.7 deg for AMC-6, NSS-7 has no coverage in this location and is not used
Duluth, GA,	159.0 deg for AMC-6, 106.5 for NSS-7
Carlsbad, CA,	118.4 deg for AMC-6, NSS-7 is below horizon and not used for this location
Miami, FL,	161.7 deg for AMC-6, 105.1 deg for NSS-7

Regards,

3/15/2007

Daryl

Daryl T. Hunter, P.E.
Senior Systems Engineer
ViaSat, Inc.

Email: daryl.hunter@viasat.com

Phone: 760-476-2583

Fax: 760-929-3934