

OCT 15, 1999

Ms. Anne E. Linton
Washington Federal Strategies
4601 North Park Avenue, Suite 710
Chevy Chase, MD 20815

Dear Ms. Linton:

The Federal Aviation Administration (FAA) has reviewed your IntegriNautics license request dated April 1, to develop pseudolite technologies requiring transmissions on the Global Positioning Satellite (GPS) L1 signal frequency 1575.42 MHz $\pm$ 12 MHz (per May 4, and July 7, letters). The FAA concurs with the proposed transmissions provided the following conditions are met and included in the Federal Communications Commission's license.

1. Max EIRP is 2 watts.
2. Test period is October 1999 - October 2000.
3. Test locations are:
 - a. Palo Alto, CA (within 1.5km of 372545N/1220839W).
 - b. Nashville, TN (within 1.5km of 360940N/086465OW).
 - c. Fremont, CA (within 1.5km of 373048N/1220311W).
4. GPS monitors (received signal level -65 dBm) located within 1 km of the test site. Any anomalous GPS behavior will require immediate termination of the test. Testing will not be resumed until the source has been identified and corrected.
5. Aggregate duty cycle for all transmitters at any test site is not to exceed 15%.
6. Continuous wave transmissions are limited to 1 microwatt and must be coordinated with the FAA Office of Spectrum Policy and Management, at (202) 267-9738, at least 72 hours prior.

Any changes from the described test will require coordination with the FAA. If you have any questions, please contact Mr. Jim Avrit, Spectrum Assignment and Engineering, at (202) 267-8584.

Sincerely,

ORIGINAL SIGNED

Gerald J. Markey
Program Director for Spectrum
Policy and Management

File: 6052-29
WP: 0:\USERS\SHARE\ASR\LINTON.LTR.doc
ASR-100:J.Avrit:ts:267-8584:10/14/1999

From: "Robert Frazier" <Robert.Frazier@faa.gov>
To: <gcrandall@ntia.doc.gov>
Date: Tue, Oct 19, 1999 5:25 PM
Subject: Re: Intergrinautics

Gordon,

The FAA does not object to the Intergrinautics experimental license, as long as the restrictions and stipulations contained in the attached letter are placed in their FCC license.

bob.frazier

CC: <cedrocella@ntia.doc.gov_at_Internet@faa.gov>, <Ger...