Kymeta Corporation
Application for Experimental License

Supplemental Information
File No. 0084-EX-PL-2014
Correspondence Reference Number: 22731

February 20, 2014

Kymeta Corporation filed the above-referenced application for experimental authorization on January 29, 2014. That same day, the FCC asked Kymeta to file additional information.

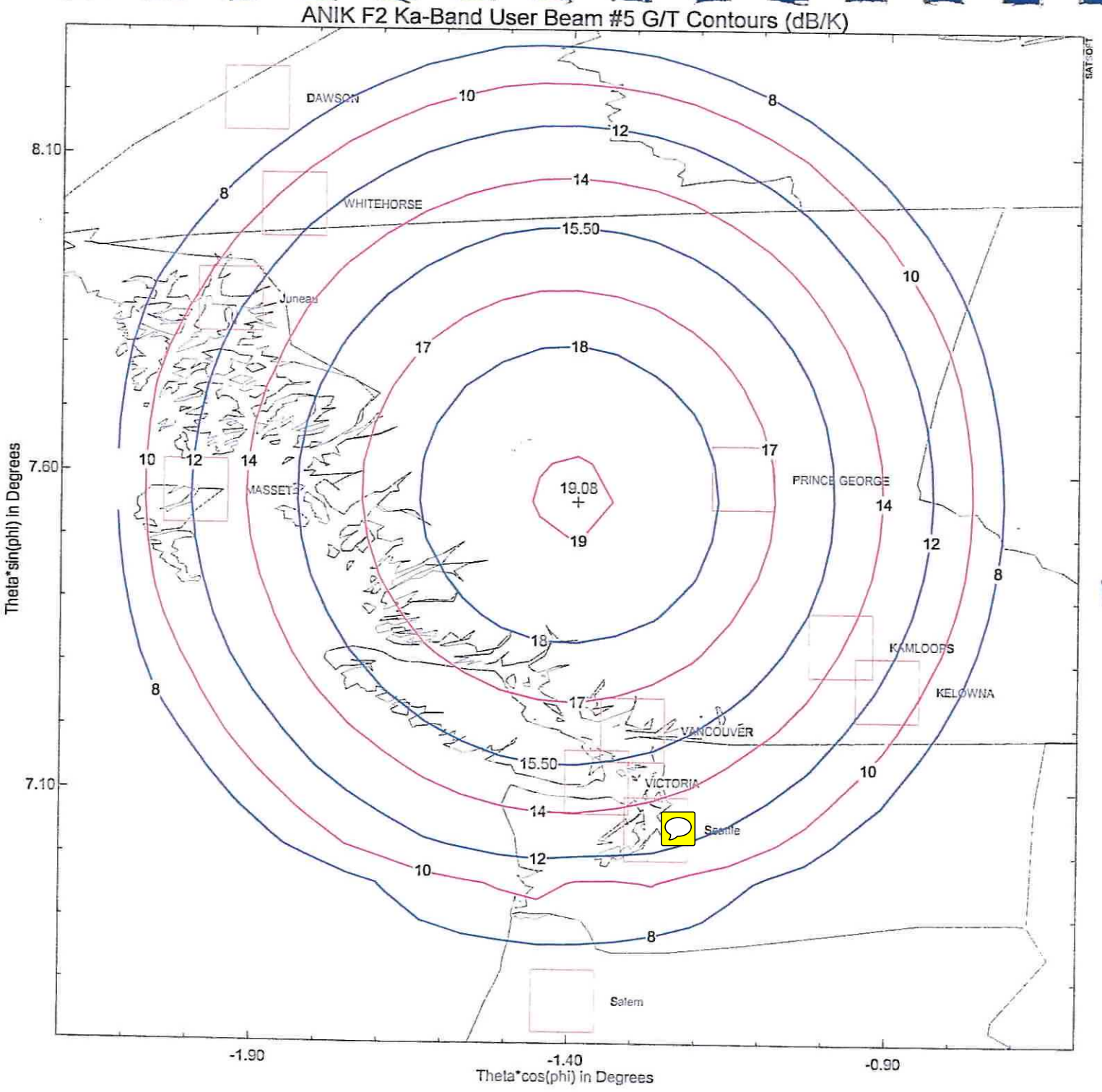
Kymeta provides the following additional information requested by the FCC:

Please provide the following information with respect to the satellite(s):

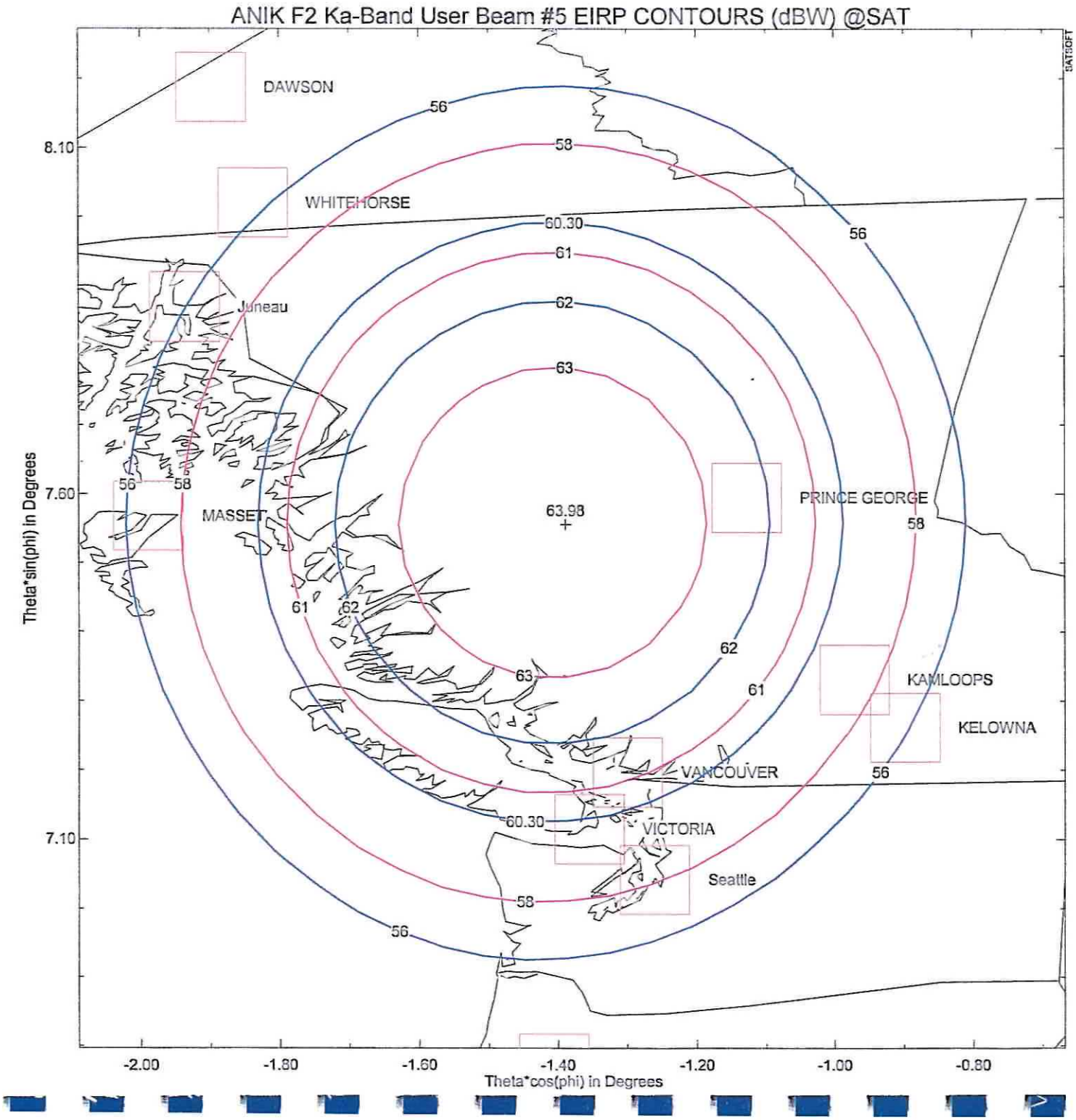
1. Satellite coverage (Narrow Beam (NB) or Earth Coverage (EC)): Attached is a contour map for Beam 5 of the ANIK F2 satellite, marked to indicate the location of the experimental antenna.
2. Receive antenna gain: 33 dBi.
3. Beam width of receive antenna (0-360 degrees): approximately 3 degrees.

Please provide the following information with respect the transceiver ground-station antenna(s):

1. Transmit antenna gain (dbi): 33.1 dBi
2. Beam width of transmit antenna at the half-power points (0-360 degrees): approximately 2 degrees
3. Transmit antenna azimuth (0-360 degrees): 148.8 degrees
4. Elevation of transmit antenna MSL (in meters): 50 meters in parking lot; 58.5 meters on rooftop.
5. Elevation of transmit antenna AGL (in meters): 1.5 meters in parking lot; 10 meters on rooftop.


ANIK F2 Ka-Band User Beam #5 G/T Contours (dB/K)
DAWSON
WHITEHORSE
Juneau
MASSET
PRINCE GEORGE
KAMLOOPS
KELOWNA
VANCOUVER
VICTORIA
Seattle
Salem
19.08
8
10
12
14
15.50
17
18
19
8.10
7.60
7.10
-1.90
-1.40
-0.90
Theta*sin(phi) in Degrees
Theta*cos(phi) in Degrees

10 dB = 1.1 deg



12.7.

10 dB = 1.3 deg