

From: Timothy Minnix

To: John Kennedy

Date: April 04, 2003

Subject:

FCC File #: 0061-EX-PL-2003

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Message:

Dear Mr. Kennedy:

Pursuant to our telephone conversation on April 4, 2003, on behalf of Boeing I verify that transmissions from the T&C earth station at Canoga Park, California (lat 34 13 53 N, long 118 35 7 W) will be made to the following satellites:

NASA ACTS, 0 NLat, 105.3 WLong;  
ECHOSTAR 9, 0 NLat, 121 WLong;  
ANIK F2, 0 NLat, 111.1 WLong;

Also, below is provided, per your request, the following antenna information for the transmissions to the satellites above:

Width of beam in degrees at the half-power point:  
0.045 deg. @ 29.5 GHz (13-meter reflector)  
0.074 deg. @ 29.5 GHz (8-meter reflector)

Orientation in horizontal plane:  
to NASA ACTS: 157.2 deg.  
to ECHOSTAR 9: 184.3 deg.  
to ANIK F2: 166.9 deg.

Orientation in vertical plane:  
to NASA ACTS: 47.7 deg.  
to ECHOSTAR 9: 50.1 deg.  
to ANIK F2: 49.4 deg.

Overall height above ground to tip of antenna in meters:  
20.7 meters (13-meter reflector) AGL  
8.5 meters (8-meter reflector) AGL

Distance to nearest aircraft landing area in kilometers:  
greater than 8 kilometers

Elevation of ground at antenna site above mean sea level in meters:  
264.0 meters AMSL

If you need any additional information regarding this T&C earth station, please do not hesitate to let me know, and thank you for your assistance.

Best Regards,

Tim Minnix  
BSS Spectrum Management