

From: Timothy Minnix

To: John Kennedy

Date: April 04, 2003

Subject:

FCC File #: 0062-EX-PL-2003

Message:

Dear Mr. Kennedy:

Pursuant to our telephone conversation on April 4, 2003, on behalf of Boeing I verify that transmissions will be made from the T&C earth station at Littleton, Colorado (lat 39 30 52 N, long 105 1 30 W) 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:
0.074 deg. @ 29.5 GHz (8-meter reflector)

Orientation in horizontal plane:
to NASA ACTS: 180.4 deg.
to ECHOSTAR 9: 204.2 deg.
to ANIK F2: 189.5 deg.

Orientation in vertical plane:
to NASA ACTS: 44.3 deg.
to ECHOSTAR 9: 41.4 deg.
to ANIK F2: 43.8 deg.

Overall height above ground to tip of antenna in meters:
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:
1688.4 meters AMSL

If you need any other information regarding this T&C earth station, please do not hesitate to contact me, and thank you for your assistance on this matter.

Best Regards,

Tim Minnix
BSS Spectrum Management