

From: Jordan Thomas

To: John Kennedy

Date: February 25, 2008

Subject: FCC File # 0554-EX-PL-2007

Message:

Per the three sections John called out to you, here are my responses. Let me know
RAD Calculations for Satellite (based on 9.8.2.38d) - I don't have access to the gain information for the
satellites, these satellites have already been licensed for commercial use by Americom

R az for the Satellite (based on 9.8.2.36e 1 or 2) - NB - All Satellites are Narrowband

X az for the Earth Station (based on 9.8.2.27d) V22 - Look angles vary by satellite and location, the
minimum look angle of 22.7deg from horizon occurs at Sunnyvale, CA on AMC-6 (72W). I have attached
a table that indicates the elevation look angle for each of the requested satellites at each of the locations.