



FAX COVER SHEET

FAX TO:

Name: Mr. Carl Huie
Company: FCC
Phone: 202 418 2430
FAX #: 202 418 1918
Mail Stop: _____

FROM:

W. G. (Bill) Gjertson
BCSC, Sea Launch Program
Phone: (425) 393-2557
Fax: (425) 477-5777
Mail Stop: 6E-62

Date: February 15, 2000**Number of Pages**
including Cover Sheet 1

Good Afternoon Mr. Carl Huie,

Please accept this data as supplemental to Boeing letters--2-L200-AS00-074, 075, 076 & 077.

1. The RF attenuation of the building was determined to be a minimum of 30 dB at frequencies from 1- 18 GHz. Specifically, Extrapolation of measured data shows attenuation (Shielding Effectiveness) as follows:

TRANSMITTER FREQUENCY	Shielding Effectiveness (S.E.) Attenuation
3.612 GHz	26.4 dB
3.614 GHz	26.4 dB
6.476 GHz	27.3 dB
11.7005 GHz	28.1 dB
11.702 GHz	28.1 dB
14.495 GHz	28.9 dB

2. The computed ERP for each of the transmitters with antennas is as follows:

FREQUENCY of Transmitter-GHz	ERP (Effective Radiated Power)	
	Inside PPF-----	Outside between LV/LP-ACS @ (195 deg.T)
3.612 GHz	11 dBw ERP	57 dBm ERP
3.614 GHz	11 dBw ERP	57 dBw ERP <i>m</i>
6.476 GHz	11 dBw ERP	41 dBw ERP
11.7005 GHz	11 dBw ERP	57 dBm ERP
11.702 GHz	11dBw ERP	57 dBm ERP (500mW)
14.495 GHz	11dBw ERP	41 dBw ERP (12.6kW)

LV==Launch Vehicle;LP==Launch Platform;ACS==Assembly Command Ship
 PPF==Payload Processing Facility

Bill Gjertson 2/15/00
 Bill Gjertson
 Sea Launch EMC/Frequency Coordinator
 425-393-2557