

## Link Budget Request Form

	Carrier 1 One Way or Simplex Data	Carrier 2 2 <sup>nd</sup> Carrier, Return or Duplex Data
Customer Name		
Service Start Date		
Satellite Preference (if any)		
Required Band (C-Band or Ku-Band)		
Restrictions: (if any)		
<b>TRANSMIT (Uplink)</b>	<i>If a region or country is selected, Engineering will assume the worst case site for that region, unless specified otherwise.</i>	
City / State / Province/Region		
Country (or Latitude and Longitude Coordinates)		
Antenna Size (meters)		
Antenna Efficiency		
Data Rate (Mbps)		
FEC [1/2; 2/3; 3/4; 5/6; 7/8]		
Modulation [BPSK; QPSK; 8PSK; 16QAM; other (specify)]		
Reed Solomon Outercode [Yes or No]		
Reed Solomon Outercode [if Yes, specific rate]		
Polarization / Frequency Restrictions		
Polarization / Frequency Preferences		
Co-polarization [Nonw; Copol; Xpol; 4 Port]		
Uplink Power Control (dB) [None or 1, 2, 3, 4, 5, 6]		
Maximum Available HPA Power (W)		
Number of Channels per HPA		
Modem (Make & Model)		
Type of Service [i.e. Digital TV, VSAT, HD; Internet Data]		
<b>RECEIVE (Downlink)</b>	<i>If a region or country is selected, Engineering will assume the worst case site for that region, unless specified otherwise.</i>	
City / State / Province/Region		
Country (or Latitude and Longitude Coordinates)		
Antenna Size (meters)		
Antenna Efficiency		
Polarization / Frequency Restrictions		
Polarization / Frequency Preferences		
Co-polarization [Nonw; Copol; Xpol; 4 Port]		
Eb/No Threshold (dB)		
Overall Link Availability (%)		
Receive G/T (dB/°K)		
LNB Noise Temperature (°K)		
Modem (Make & Model)		