

		NOMINAL POWER CONFIGURATION					MAXIMUM POWER CONFIGURATION				
	No. Units Per Board	Total No. Units (Nom)	Nom. Current per unit	3.3V Current (Nom)	28 V Current (Nom)	Nominal Power	Total Number Units (Max)	Max Current per unit	3.3V Current (Max)	28 V Current (Max)	Max Power
Bus Voltage				3.30	28.00				3.60	29.00	
GAFE	18	216	0.0022	0.475	0.000	1.57	216	0.0022	0.475	0.000	1.57
ADC MAX145	18	216	0.0012	0.259	0.000	0.86	216	0.0012	0.259	0.000	0.93
GARC	1	12	0.0146	0.175	0.000	0.58	12	0.0146	0.175	0.000	0.63
LVDS Driver	20	240	0.0035	0.840	0.000	2.77	480	0.0035	1.680	0.000	6.05
LVDS Rcvr	6	72	0.001	0.072	0.000	0.24	72	0.001	0.072	0.000	0.26
HVBS (PMT Power)	1	12	0.0095	0.000	0.114	3.19	12	0.011	0.000	0.132	3.83
Cable Loss 2%				0.036	0.002	0.18			0.053	0.003	0.27
Power Totals						9.39					13.54