

8PSK Rate 2/3

Budgets

	1	2	3	4	5	
	13 meter Feeder Link E/S Nominal Feeder Link Site	13 meter Feeder Link E/S Nominal Feeder Link Site	13 meter Feeder Link E/S Nominal Feeder Link Site	13 meter Feeder Link E/S Nominal Feeder Link Site	13 meter Feeder Link E/S Nominal Feeder Link Site	13 m Nor
	to	to	to	to	to	
	45 cm Receive-Only	45 cm Receive-Only	45 cm Receive-Only	75 cm Receive-Only	60 cm Receive-Only	7
(kbps)	41,200	41,200	41,200	41,200	41,200	
	2/3	2/3	2/3	2/3	2/3	
(%)	56.5%	56.5%	56.5%	56.5%	56.5%	
	8PSK	8PSK	8PSK	8PSK	8PSK	
(%)	20	20	20	20	20	
(°East)	-118.9	-118.9	-118.9	-118.9	-118.9	
(name)	Gilbert	Gilbert	Gilbert	Gilbert	Gilbert	
(°East)	-111.8	-111.8	-111.8	-111.8	-111.8	
(°North)	33.4	33.4	33.4	33.4	33.4	
(Km)	37,050	37,050	37,050	37,050	37,050	
(°)	50.4	50.4	50.4	50.4	50.4	
(m)	300.0	300.0	300.0	300.0	300.0	
	Florida	New York	California	Alaska	Hawaii	
(°East)	-80.3	-74.0	-118.2	-149.8	-157.8	
(°North)	25.9	40.8	34.0	61.2	21.3	
(km)	37,954	39,114	37,049	39,950	37,799	
(°)	37.8	24.5	50.5	16.1	39.8	
(m)	1.0	15.0	33.0	80.0	0.0	
(MHz)	17,550	17,550	17,550	17,550	17,550	
(W)	12.0	12.0	12.0	12.0	12.0	
(dBW)	10.8	10.8	10.8	10.8	10.8	
(dB)	1.0	1.0	1.0	1.0	1.0	
(dBW)	9.8	9.8	9.8	9.8	9.8	
(m)	13.0	13.0	13.0	13.0	13.0	
(%)	65	65	65	65	65	
(dB)	65.7	65.7	65.7	65.7	65.7	
(dBW)	75.5	75.5	75.5	75.5	75.5	
(dB)	0.1	0.1	0.1	0.1	0.1	
(dB)	0.31	0.31	0.31	0.31	0.31	
(%)	99.9	99.9	99.9	99.9	99.9	
(dB)	2.7	2.7	2.7	2.7	2.7	
(dB)	208.7	208.7	208.7	208.7	208.7	
(dBW/m ²)	-90.0	-90.0	-90.0	-90.0	-90.0	
(dB)	5	5	5	5	5	
(dB/K)	11.6	11.6	11.6	11.6	11.6	
(dB)	52.0	52.0	52.0	52.0	52.0	