

ORS-3 TM EIRP Results for Each Telemetry Link:

Required Mission Time Performance	Vehicle Telemetry - 2288.5 MHz								
	XMTR PWR	XMTR PWR	TX NETWORK LOSSES	95% ANTENNA GAIN	EIRP USING 95% ANTENNA GAIN	50% ANTENNA GAIN	EIRP USING 50% ANTENNA GAIN	MAX ANTENNA GAIN	EIRP USING MAX ANTENNA GAIN
(sec)	(W)	(dBW)	(dB)	(dBic)	(dBW)	(dBic)	(dBW)	(dBic)	(dBW)
T = 0 - 147.7 Stage 3	5.0	7.0	3.69	-15.4	-12.09	-1.3	2.01	3.67	6.98
T = 147.7 - 950.0 Stage 4	5.0	7.0	2.35	-13.4	-8.75	-1.5	3.15	3.96	7.8
Required Mission Time Performance	GPB Telemetry - 2241.5 MHz								
	XMTR PWR	XMTR PWR	TX NETWORK LOSSES	95% ANTENNA GAIN	EIRP USING 95% ANTENNA GAIN	50% ANTENNA GAIN	EIRP USING 50% ANTENNA GAIN	MAX ANTENNA GAIN	EIRP USING MAX ANTENNA GAIN
(sec)	(W)	(dBW)	(dB)	(dBic)	(dBW)	(dBic)	(dBW)	(dBic)	(dBW)
T = 0 - 546.62	5.0	7.0	3.68	-15.4	-12.09	-1.3	2.01	3.67	6.98