

Table 3. Downlink Parameter Examples.

	1	2	3	4	5	6	7	8	9	10
Location	LA	NY	Miami	SF	DC	Tampa	Chic.	Fargo	Dallas	Hous.
Pwr Into Antenna, dBW	4.65	8.55	12.0	5.2	8.5	11.07	7.75	6.55	7.42	8.6
Loss, dB	-205.7	-206.1	-205.9	-205.8	-206.1	-205.9	-206.0	-206.0	-205.8	-205.7
Pwr Density dBW/Hz	-69.2	-65.3	-61.8	-68.6	-65.3	-62.7	-66.1	-67.3	-66.4	-65.2
Pk Eirp, dBW	54.1	58.0	61.4	54.6	57.9	60.5	57.2	56.0	56.8	58.0
Eirp Density, dBW/Hz	-19.8	-15.9	-12.4	-19.2	-15.9	-13.3	-16.7	-17.9	-17.0	-15.8
Gamma, dB	-18.9	-17.4	-16.4	-18.6	-17.3	-16.5	-17.6	-18.1	-17.6	-17.2
Equiv Link Temp, K	192.8	274.7	341.9	203.8	274.5	327.6	259.3	230.9	257.1	283.8
PFD, dBW/MHz/m ²	-126.1	-122.6	-118.9	-125.6	-122.6	-119.8	-123.3	-124.5	-123.4	-122.2
Transp Gain, dB	155.0	158.9	162.4	155.6	158.9	161.5	158.1	156.9	157.8	159.0