

<b>Receive Ant Gain</b>	<b>Ant Cable Insertion Loss</b>	<b>Repeater Amp Gain</b>	<b>Repeater Ant Gain Best Case</b>	<b>Range in Feet</b>	<b>Repeated Signal Power @ Range In dBm</b>
40	-5	15	3	100	-143.09
GPS Carrier Frequency MHz			Total System Gain	Range in Miles	Total Signal Power @ Range in Watts
1575			53	0.02	4.9E-18
Avg Receive Power L1 dBm North America				Range in Meters	Radiated Power dBm
-130				31.17	-77
Free Space loss with Isotropic Antennas				Range in Kilometers	Transmitted Power (pW)
-66.09				0.03	9.6
					Effective Radiated Power (pW)
					19.2
					Effective Isotropic Radiated Power (pW)
					31.5
					Effective Radiated Power (dBW)
					-107

