



Receive Ant Gain	Ant Cable Insertion Loss	Repeater Amp Gain	Repeater Ant Gain Best Case	Range in Feet	Repeated Signal Power @ Range In dBm
35	-10	24.5	3	100	-143.59
GPS Carrier Frequency MHz		Total System Gain		Range in Miles	Total Signal Power @ Range in Watts
1575		52.5		0.02	4.4E-18
Avg Receive Power L1 dBm North America				Range in Meters	Radiated Power dBm
-130				30.48	-77.5
Free Space loss with Isotropic Antennas				Range in Kilometers	Transmitted Power (W)
-66.09				0.03	8.9E-12
					Effective Radiated Power (W)
					17.8E-12
					Effective Radiated Power (dBW)
					-107.5

