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Receive Ant Gain	Ant Cable Insertion Loss	Repeater Amp Gain	Repeater Ant Gain Best Case	Range in Feet	Repeated Signal Power @ Range In dBm
33	-12	29	3	125	-145.03
GPS Carrier Frequency MHz			Total System Gain	Range in Miles	Total Signal Power @ Range in Watts
1575			53	0.02	3.1E-18
Avg Receive Power L1 dBm North America				Range in Meters	Radiated Power dBm
-130				38.96	-77
Free Space loss with Isotropic Antennas				Range in Kilometers	Transmitted Power (pW)
-68.03				0.04	9.6
					Effective Radiated Power (pW)
					19.2
					Effective Isotropic Radiated Power (pW)
					31.5
					Effective Radiated Power (dBW)
					-107



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