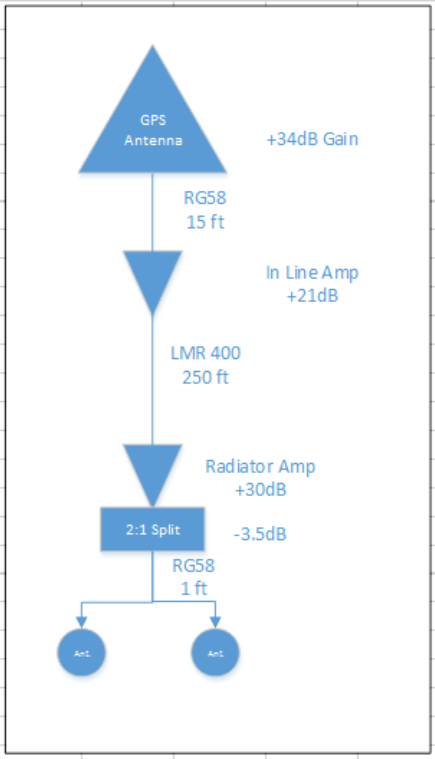
We Solve Great Challenges.

			Link Budget		
	Distance (ft)	Gain/Loss dB	dBW	dBm	
Received Signal Level			-157	-127	
Antenna Gain		34	-123	-93	
RG58 Cable	15	-3.034443	-126.03	-96.034	
In Line Amp A		21	-105.03	-75.034	
LMR 400 Cable	250	-12.75	-117.78	-87.784	
Radiator Amplifier		30	-87.784	-57.784	
RG58 Cable	1	-0.2022962	-87.987	-57.987	
2:1 Splitter		-3.5	-91.487	-61.487	Radiated Power Level
Free Space Loss	100	-66.07601	-157.56	-127.56	Received Power @ Unit Under Test
Speed of light	299792458	m/s			
GPS Frequency	1575420000	Hz			
Wavelength	0.190293673	meters			
meters/foot	0.3048