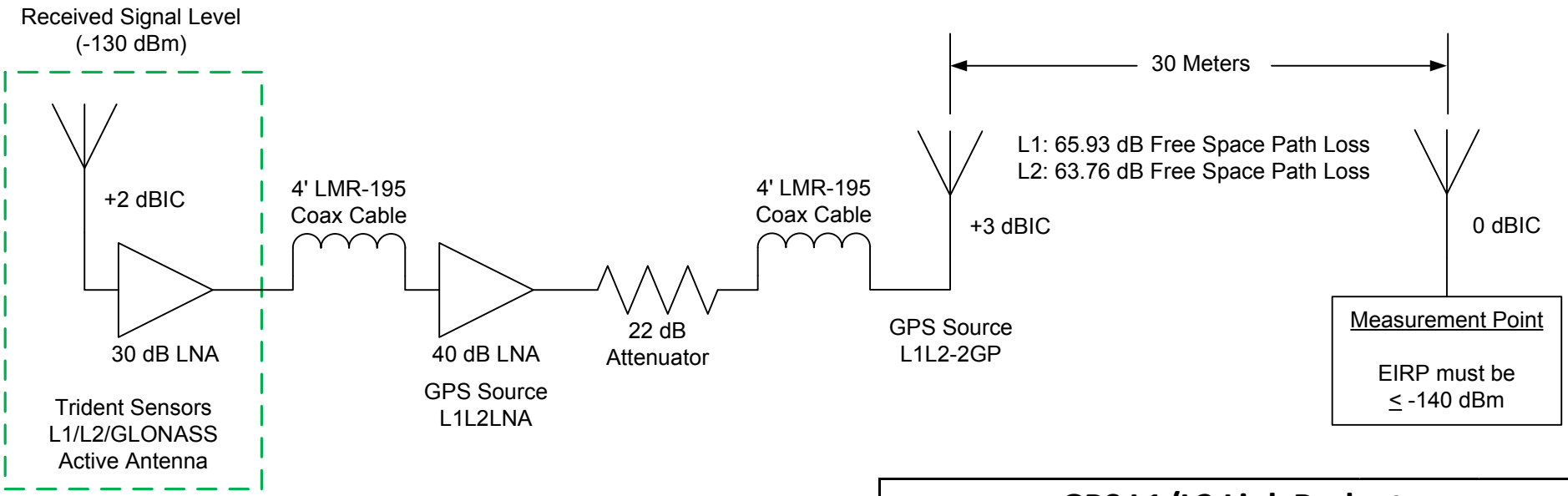
GPS L1/L2 Re-Radiator
01/20/2015



GPS L1/L2 Link Budgets		
Parameters	**Frequencies**	
	L1 1575.42 MHz	**L2 1227.6 MHz**
Receive Signal Level (dBm)	-130	-130
Antenna (dBIC)	2	2
LNA (dB)	30	30
4" LMR-195 Coax Cable (dB)	-0.7	-0.6
LNA (dB)	40	40
Fixed Attenuator (dB)	-22	-22
4" LMR-195 Coax Cable (dB)	-0.7	-0.6
Antenna (dBIC)	3	3
Re-Radiated Power (dBm)	-78.4	-78.2
30 Meter Free Space Path Loss (dB)	-65.93	-63.76
EIRP at Measurement Point (dBm)	-144.33	-141.96

LMR-195 Coax Cable Loss