

AGC Performance of the RF Amplifier

Below we show that the output power of the amplifier is independent of the input signal up to 8 dB of attenuation at the input. This demonstrates that when using the AGC amplifier the system is cable length independent up to 100 ft. in length.



Figure 1. Diagram of Test Setup

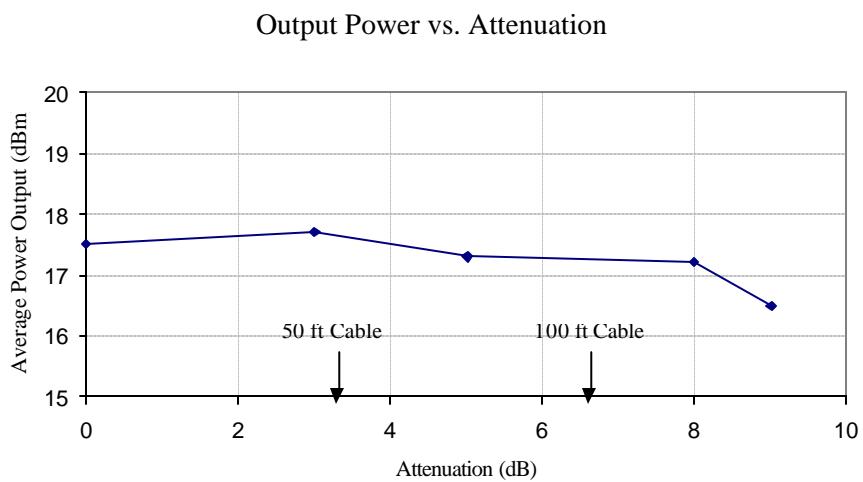


Figure 2. Plot of Output Power vs. Input Signal Attenuation