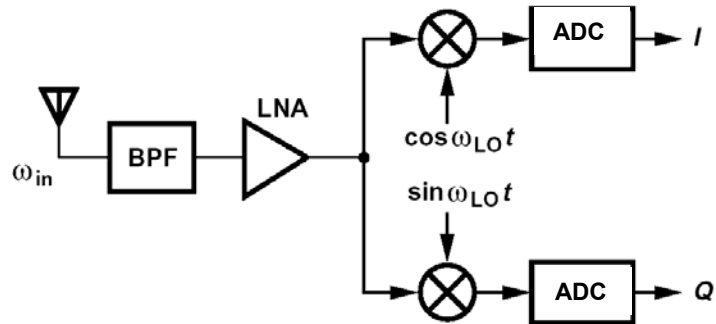


# Computation of Required ADC Performance

## Example: Bluetooth Receiver



(0 dBm = 632 mVpp across 50 ohms)

At antenna:

With 40 dB of gain:

1. ADC quantization noise:

2. Maximum Input Swing: