

### Necessary Bandwidth Description:

Since we will only be broadcasting a carrier signal, the only source of band widening will be from electronics noise. With the current laboratory grade signal generator we have in mind (HP 8642B) or some other laboratory or custom built signal generator, the tolerances are very tight. The bandwidth value I entered in the application form, 10 kHz, is probably an order of magnitude greater than the bandwidth that will actually be occupied by our transmission.