

Necessary Bandwidth Description

The spreading of the baseband signal with the 11-bit PN code results in a bandwidth need of 22MHz at the 11Mcps chipping rate. First sidelobe shall be suppressed at -30dB (we expect -33) and further emissions are suppressed at -50dB (we expect -52). Expectations are based upon test data from the reference radio from RF Microdevices of Greensboro, NC.