

Exhibit: Emission Registration Bandwidth
Necessary Bandwidth Description

As a result of our BPSK modulation technique and 5kbts data rate, our transmitted signal has the form of $g(t) = d(t)\sin(2\pi f_c t)$ where $d(t) = A$ or $-A$. The power spectrum of the signal $G_{BPSK}(f) = A^2 T_b \text{sinc}(T_b(f - f_c))$ where $T_b = 1 / \text{data rate (5kbts)}$, = 99% power of the bandwidth $B_{99\%} \cong 8/T_b = 40\text{Khz}$.