

I defined the Ricean pdf in the file `ricean.m` as:

```
function p = ricean(r,s,a)
p=(r/s^2).*exp(-1*(r.^2+a^2)/(2*s^2)).*besseli(0,(a*r)/(s^2));
```

The following Matlab commands:

```
>> x=0:0.01:10;

>> y=ricean(x,1,sqrt(4));
>> loglog(x,cumsum(y)*.01)
>> print -deps fig1

>> y=ricean(x,1,sqrt(20));
>> loglog(x,cumsum(y)*.01)
>> print -deps fig2
```

created the following graphs (note that they are *not* normalized to the median signal level):



