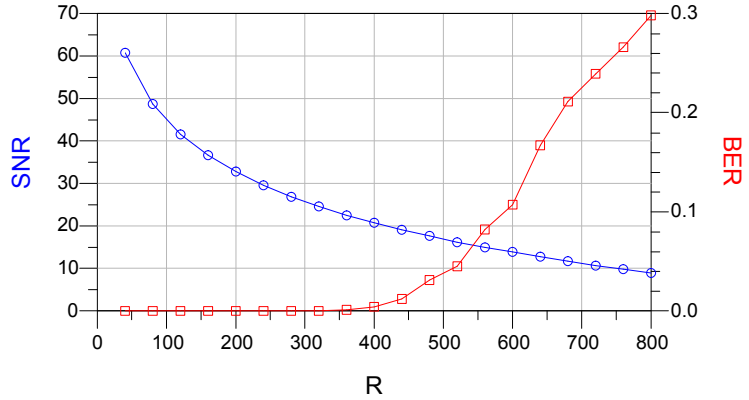
Eqn KaiserNENBW = 1.653 Eqn WindowGain = 10*log10(KaiserNENBW)

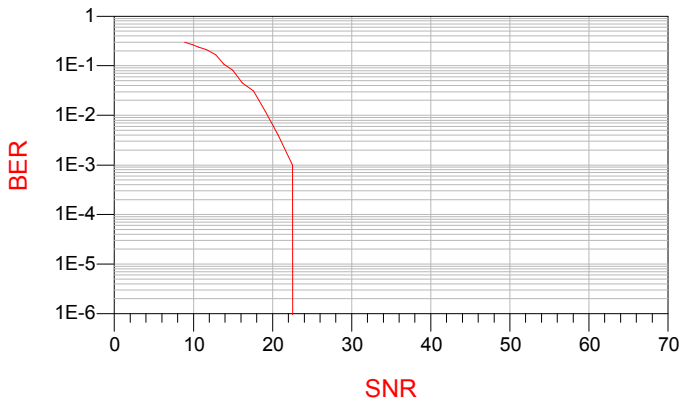
Eqn Ps = spec_power(dBm(fs(SignalPower[::,::,1],,,,,"Kaiser")),-4e5,4e5) - WindowGain - 3.01

Eqn Pn = spec_power(dBm(fs(NoisePower[::,::,1],,,,,"Kaiser")),-4e5,4e5) - WindowGain - 3.01

Eqn SNR = Ps - Pn

Eqn BER = real(max(var("Count-")[::,::,0])+max(var("Count+")[::,::,0])) / Bits[0,0]





R	BER	Pn	Ps	SNR
40.000	0.000	-114.804	-54.100	60.703
80.000	0.000	-114.813	-66.142	48.671
120.000	0.000	-114.730	-73.185	41.545
160.000	0.000	-114.771	-78.183	36.589
200.000	0.000	-114.859	-82.059	32.800
240.000	0.000	-114.793	-85.226	29.567
280.000	0.000	-114.736	-87.901	26.835
320.000	0.000	-114.783	-90.220	24.564
360.000	0.001	-114.763	-92.259	22.505
400.000	0.004	-114.785	-94.080	20.705
440.000	0.012	-114.819	-95.729	19.090
480.000	0.031	-114.842	-97.232	17.610
520.000	0.045	-114.771	-98.603	16.168
560.000	0.082	-114.828	-99.868	14.960
600.000	0.107	-114.887	-101.038	13.848
640.000	0.167	-114.912	-102.121	12.791
680.000	0.211	-114.813	-103.164	11.649
720.000	0.239	-114.743	-104.128	10.616
760.000	0.266	-114.817	-105.007	9.810
800.000	0.298	-114.749	-105.868	8.881