40.000 -54.111 -54.112 -117.053 -109.334 80.000 -66.152 -66.154 -117.618 -116.264 120.000 -117.463 -73.194 -73.195 -118.032 160.000 -78.192 -117.586 -78.194 -117.703 200.000 -82.065 -82.068 -118.042 -117.881

-117.828

-117.819

-117.693

Pn

Eqn PnRect = wtodbm( dbmtow(spec\_power(dBm(fs(RX\_in[::,::,1])),-4e5,-3e5)) + dbmtow(spec\_power(dBm(fs(RX\_in[::,::,1])),3e5,4e5)))

PnRect

-117.860

-117.783

-117.732

Eqn PsRect = spec\_power(dBm(fs(RX\_in[::,::,1])),-1e5,1e5)

Ps

-85.235

-87.897

-90.222

**PsRect** 

-85.237

-87.912

-90.229

R

240.000

280.000

320.000

Kaiser windowing rises the spec\_power() returned value of about 2.18dB, which has to be substracted to achieve the correct power value. Note that Kaiser window averages the noise power.