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

R	Ps	PsRect	Pn	PnRect
40.000 80.000 120.000 160.000 200.000 240.000 280.000 320.000	-54.111 -66.152 -73.194 -78.192 -82.065 -85.235 -87.897 -90.222	-54.112 -66.154 -73.195 -78.194 -82.068 -85.237 -87.912 -90.229	-117.053 -117.618 -118.032 -117.703 -118.042 -117.828 -117.819 -117.693	-109.334 -116.264 -117.463 -117.586 -117.881 -117.783 -117.732

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.