Eqn Distance = R[0]

Distance
40.0

Eqn EIRP = spec_power(dBm(fs(TX_out[0,::,1],,,,,"Kaiser")),-4e5,4e5) - WindowGain

EIRP
9.982

MaxTxPSD
freq=-57.kHz
dBm(fs(TX_out[0,::,1],,,,,"Kaiser")) - WindowGain=-1.1E1
Max

Low pass filtered bitstream

Radiated spectrum

Received RF spectrum

Baseband bitstream detection

Eqn PowertoPA=spec_power(dBm(fs(BefPA[0,::,1],,,,,"Kaiser")),-4e5,4e5) - WindowGain

Eqn SecondArmonicPower=spec_power(dBm(fs(TX_out[0,::,2],,,,,"Kaiser")),-4e5,4e5) - WindowGain

Eqn BS =spec_power(dBm(fs(BitStream[0,::,0],,,,,"Kaiser")),0,2.13e5) - WindowGain

Eqn FilteredBS=spec_power(dBm(fs(RaisedCosFiltered[0,::,0],,,,,"Kaiser")),0,3.14e4) - WindowGain

...rmonicPower	PowertoPA	BS	FilteredBS
-108.805	-10.000	6.752	7.153