BitStream   RaisedCosFiltered   BefPA   TX_out

VCO
out

LPF_RaisedCos
LPF3
Alpha=0.35
SymbolRate=2*Sample_Rate
DelaySymbols=0
Exponent=0.5
DutyCycle=100
SincE=no

VCO
VCO3
Kv=Kv
Freq=RF_Freq
P=dbmtow(-10)
Rout=50 Ohm
Delay=TStep
Harmonics=list(-0.01, 0.002)

Amplifier2
AMP3
S21=dbpolar(PA_Gain,0)
S11=polar(0,0)
S22=polar(0,180)
S12=0

BPF_Chebyshev
BPF2
Fcenter=RF_Freq
BWpass=RF_Freq/100
Ripple=1 dB
BWstop=RF_Freq/5
Astop=60 dB

VtLFSR_DT
SRC5
Vlow=VL
Vhigh=VH
Rate=Sample_Rate
Delay=0 nsec
Taps=bin("10000000000000100")
Seed=bin("10101010101010101")
Rout=1 Ohm