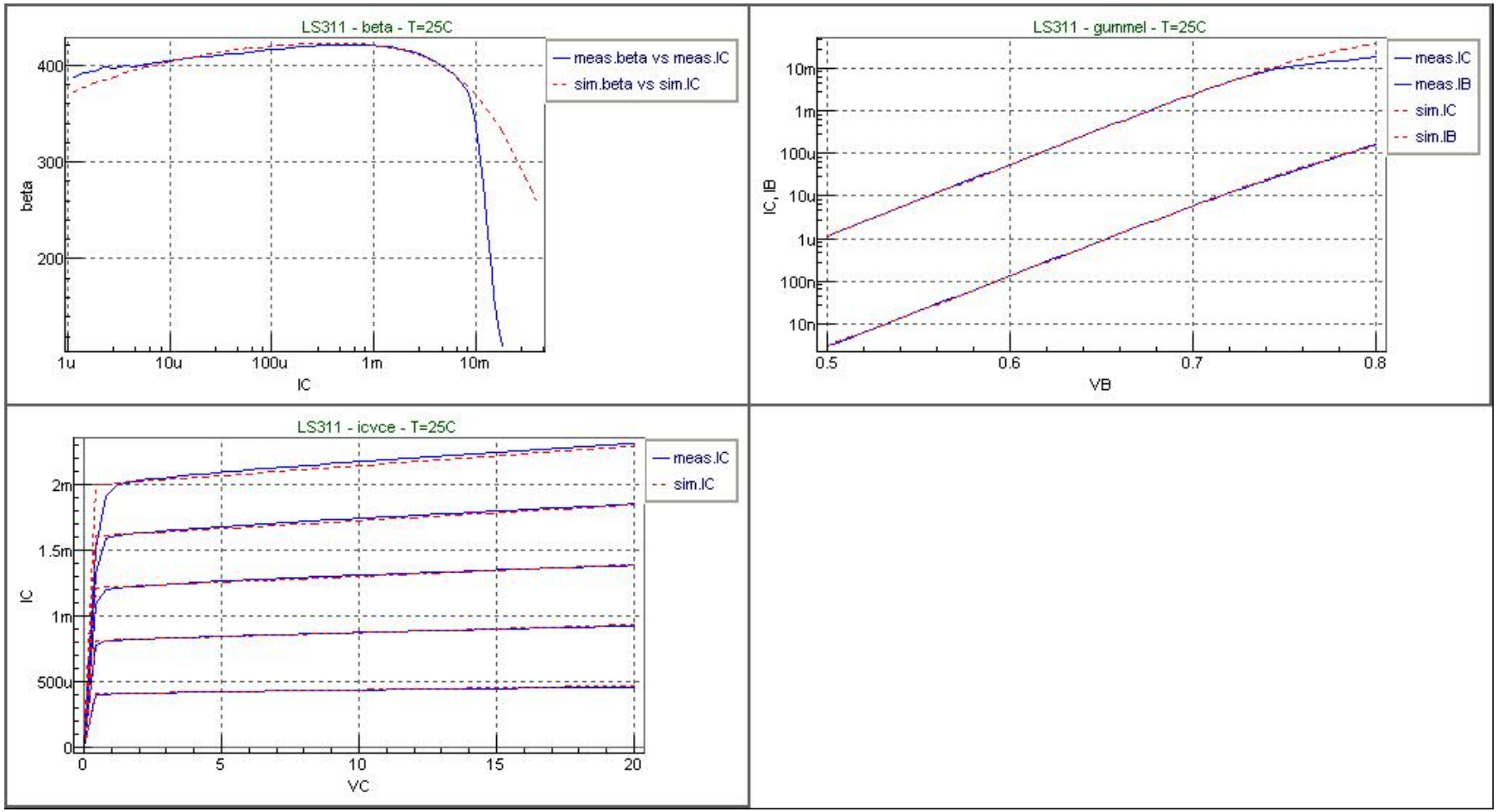
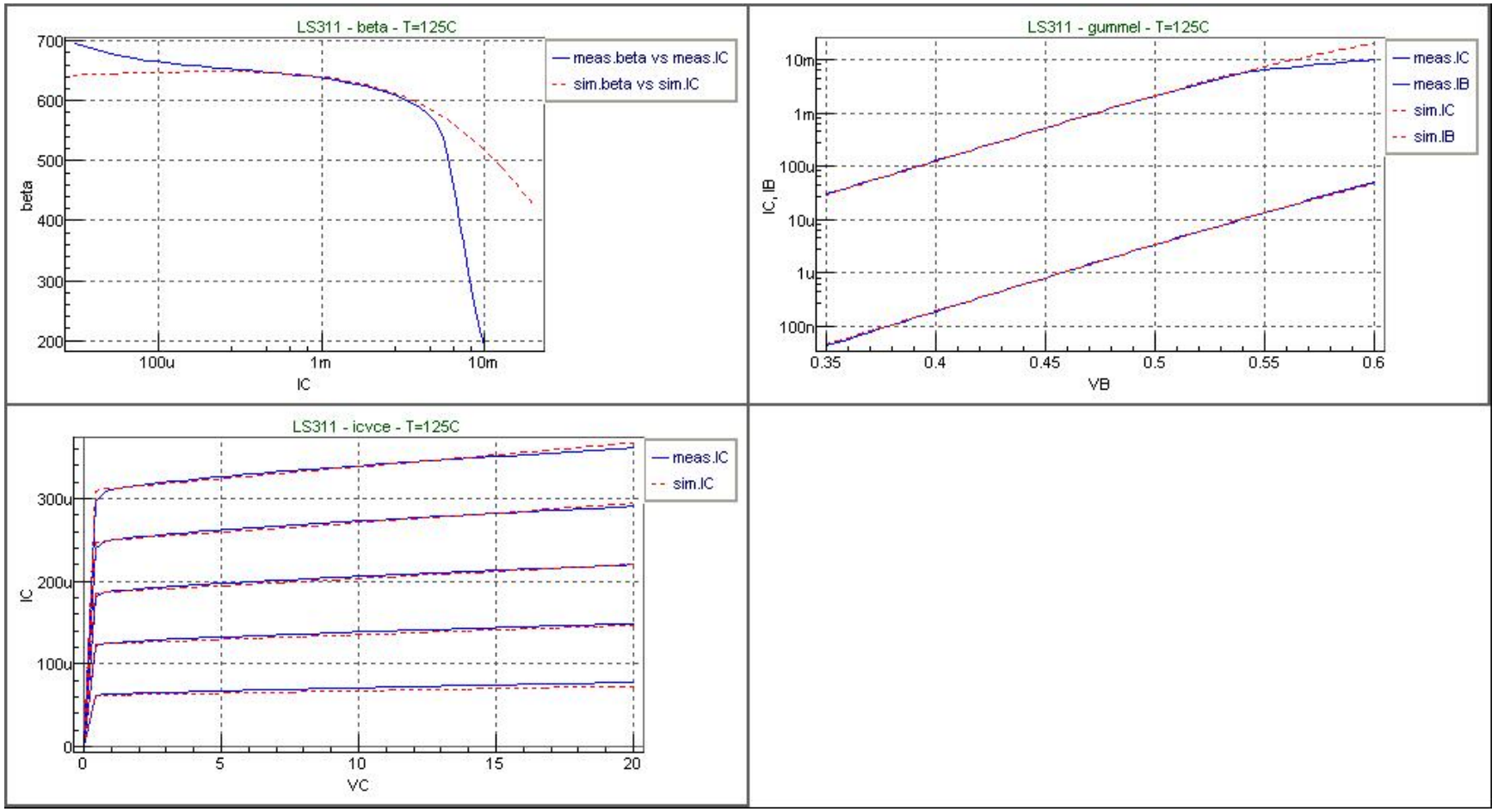
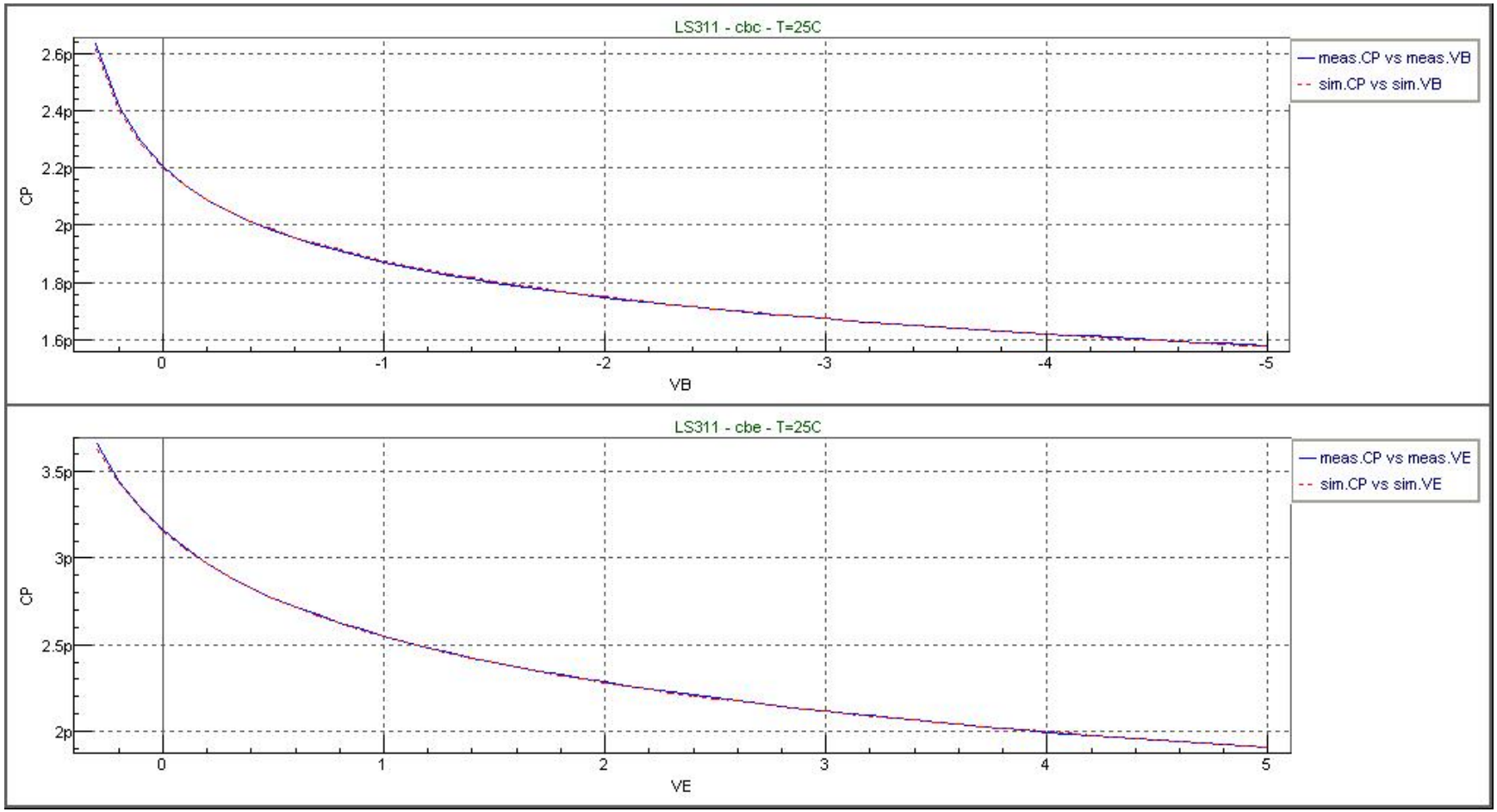
LS311


LS311 - beta - T=25C
meas.beta vs meas.IC
sim.beta vs sim.IC
beta
IC
400
300
200
1u
10u
100u
1m
10m
LS311 - gummel - T=25C
meas.IC
meas.IB
sim.IC
sim.IB
IC, IB
VB
10m
1m
100u
10u
1u
100n
10n
0.5
0.6
0.7
0.8
LS311 - icvce - T=25C
meas.IC
sim.IC
IC
VC
2m
1.5m
1m
500u
0
0
5
10
15
20

LS311

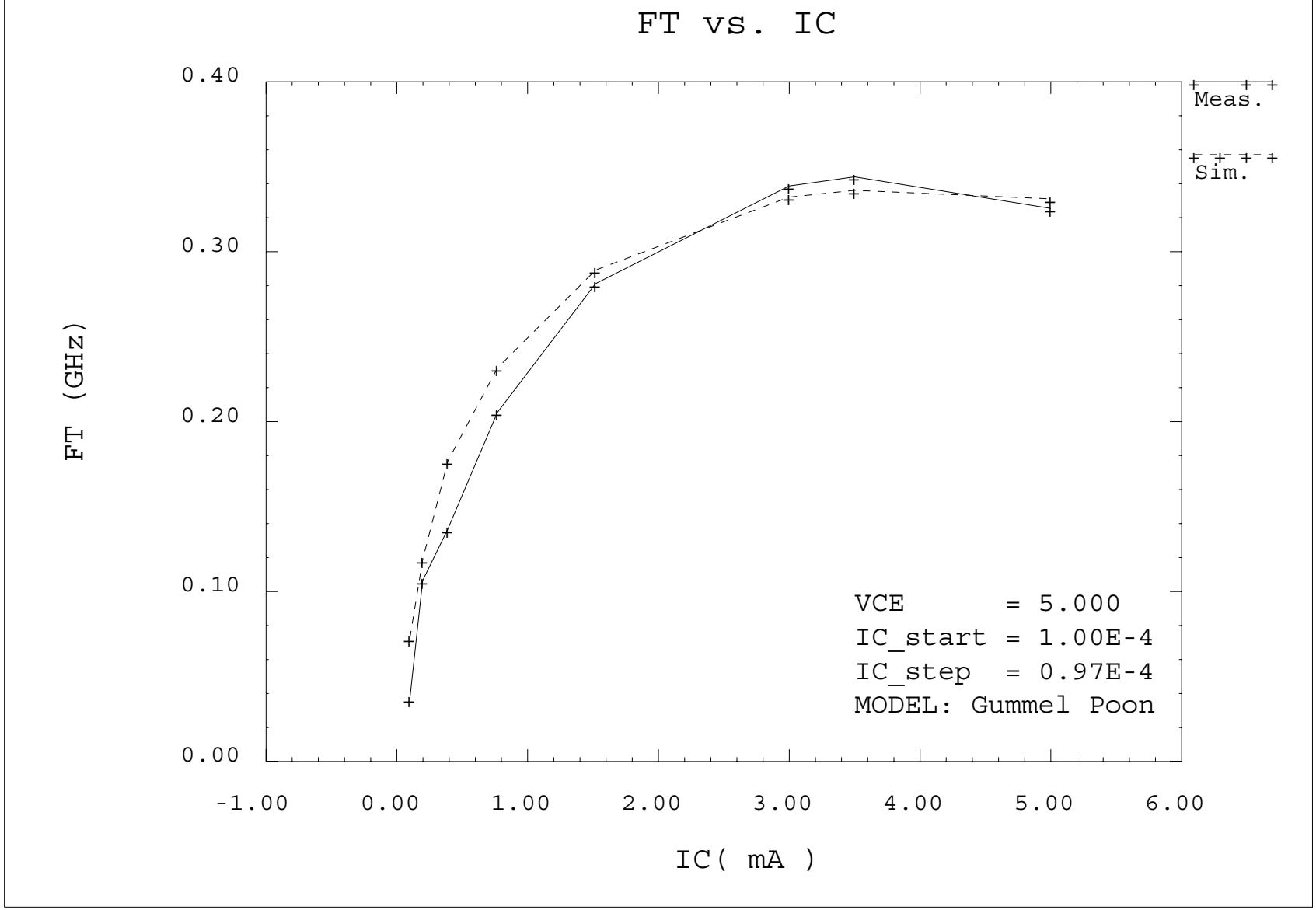

LS311 - beta - T=125C
meas.beta vs meas.IC
sim.beta vs sim.IC
beta
IC
700
600
500
400
300
200
100u
1m
10m
LS311 - gummel - T=125C
meas.IC
meas.IB
sim.IC
sim.IB
IC, IB
VB
10m
1m
100u
10u
1u
100n
0.35
0.4
0.45
0.5
0.55
0.6
LS311 - icvce - T=125C
meas.IC
sim.IC
IC
VC
300u
200u
100u
0
0
5
10
15
20

LS311


LS311 - cbc - T=25C
meas.CP vs meas.VB
sim.CP vs sim.VB
CP
2.6p
2.4p
2.2p
2p
1.8p
1.6p
0
-1
-2
-3
-4
-5
VB
LS311 - cbe - T=25C
meas.CP vs meas.VE
sim.CP vs sim.VE
CP
3.5p
3p
2.5p
2p
0
1
2
3
4
5
VE

Process:Linear Systems Dev: LS311

Temp. :25



File: LS311_fT.ps