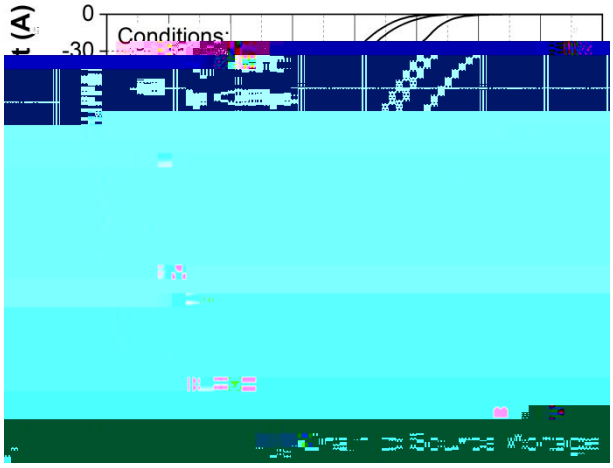


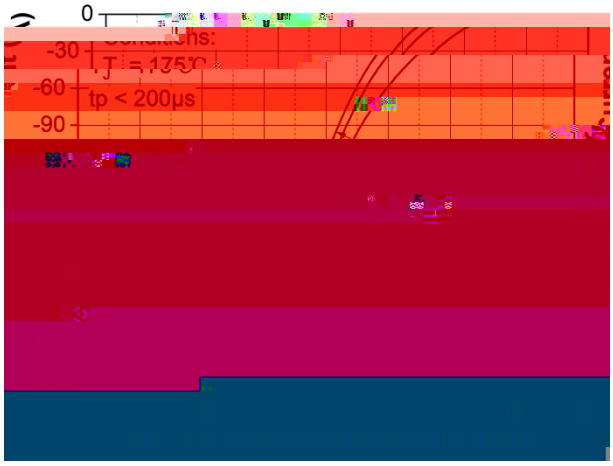
XL

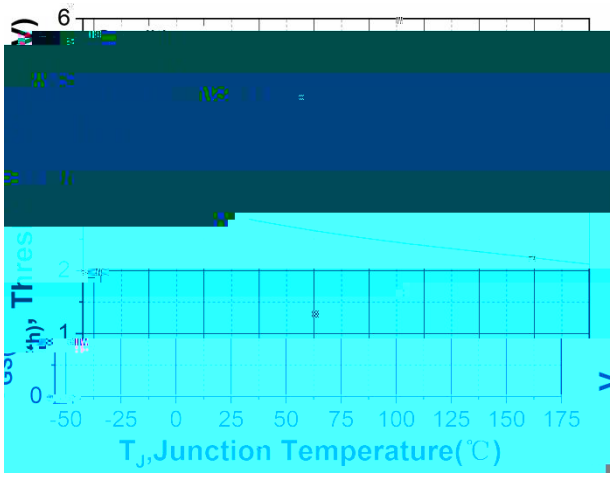
X

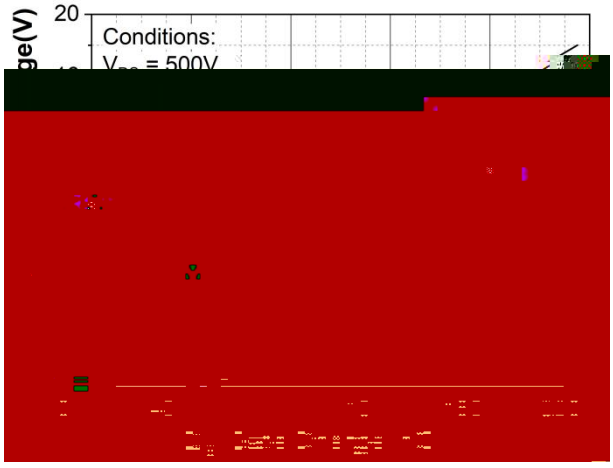

200

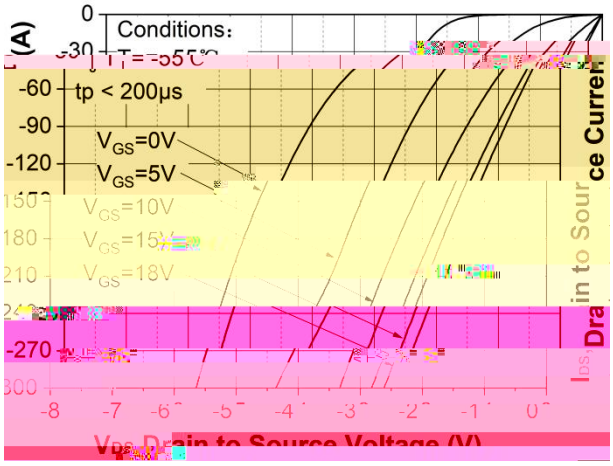

0
-30
Conditions:

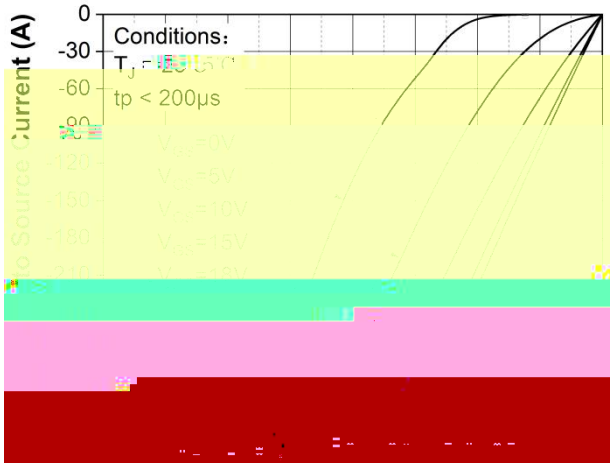

0

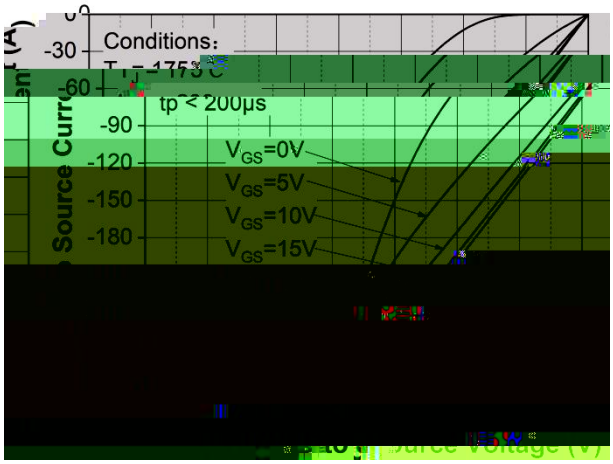

0
-30
-60
-90
tp < 200μs

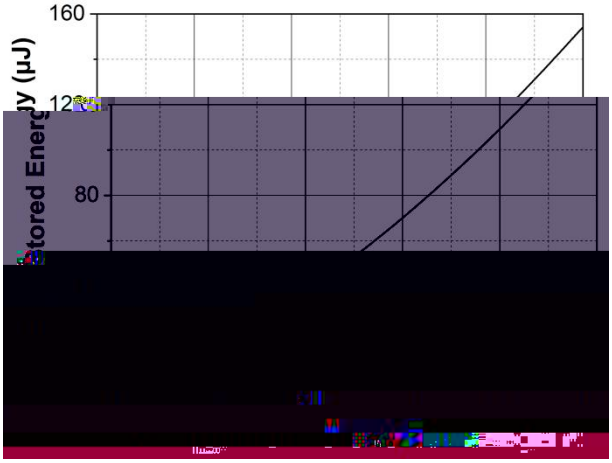

6
2
1
0
-50 -25 0 25 50 75 100 125 150 175
TJ,Junction Temperature(℃)

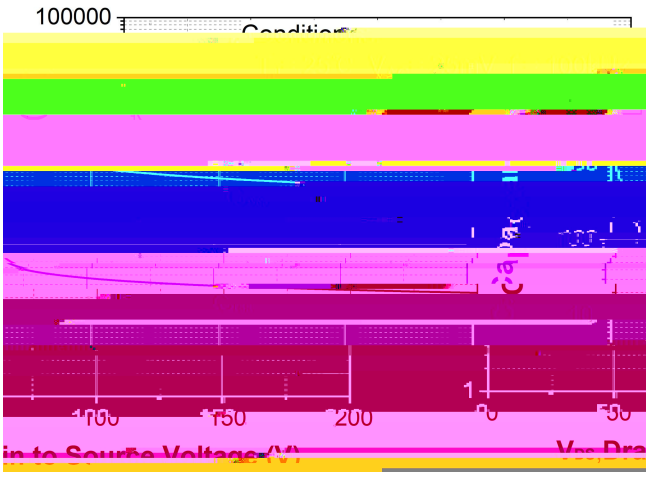

20
Conditions:

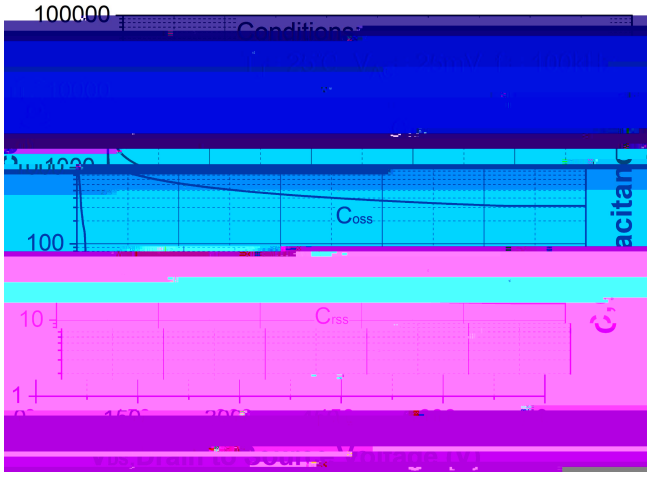

Conditions:
tp < 200μs
VGS=0V
VGS=5V
VGS=10V
VGS=15V
VGS=18V
-270
-8
-7
-5
-4
-2
-1

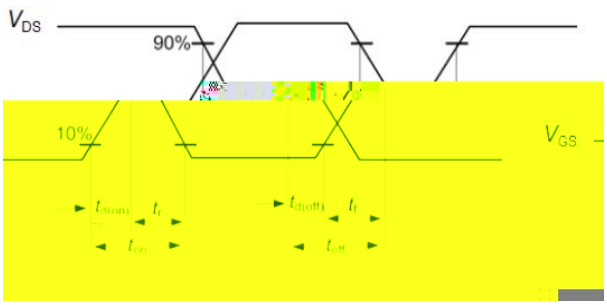

Conditions:
tp < 200μs
-30
-60
-90
-120
-150
-180

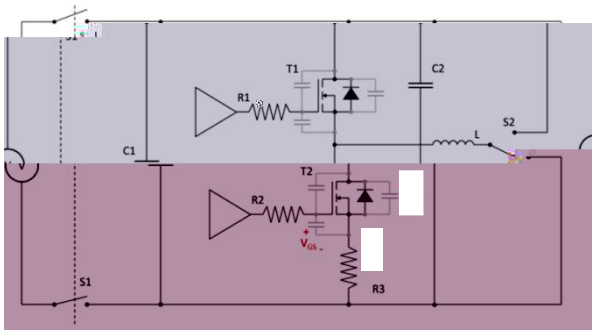

Conditions:
tp < 200μs
VGS=0V
VGS=5V
VGS=10V
VGS=15V
-30
-60
-90
-120
-150
-180


160
120
80


100000
100
150
200
1


100000
Coss
100
Crss
10
1


V_{DS}
90%
10%
V_{GS}
$t_{d(on)}$
t_r
t_{on}
$t_{d(off)}$
t_f
t_{off}


T1
C2
R1
S2
L
C1
T2
R2
V_{GS}
S1
R3