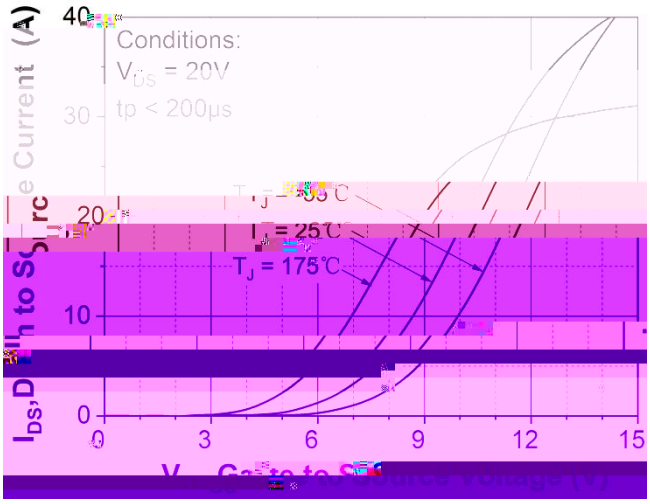
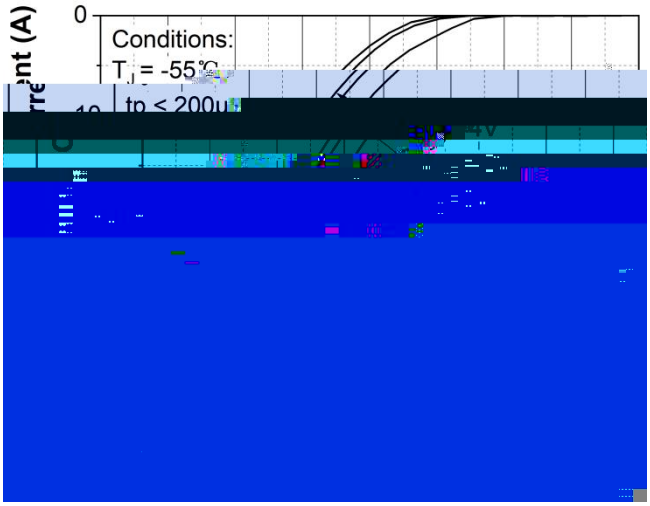
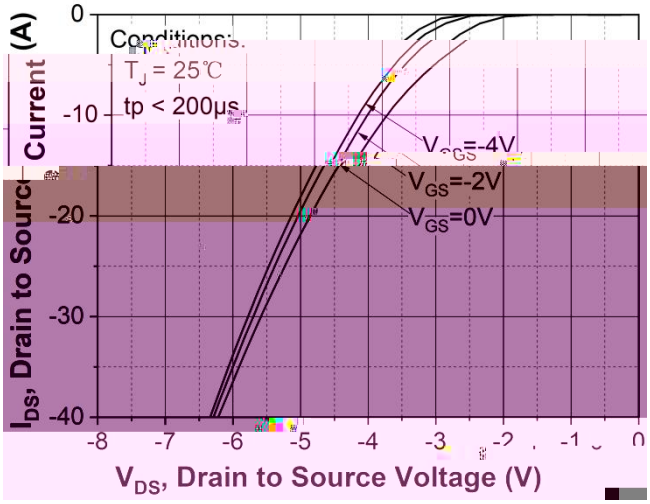
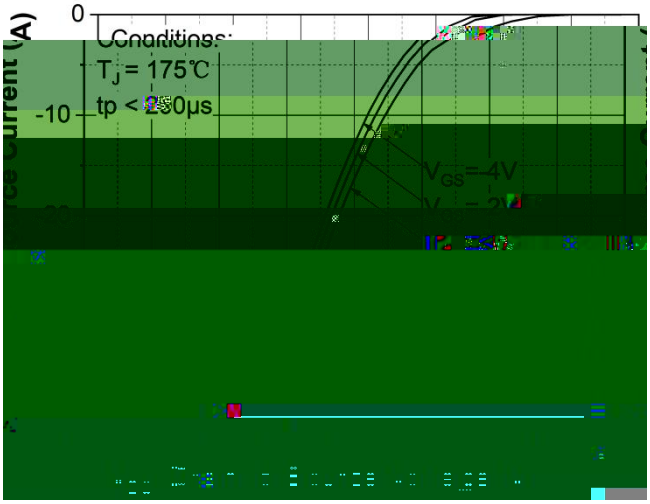
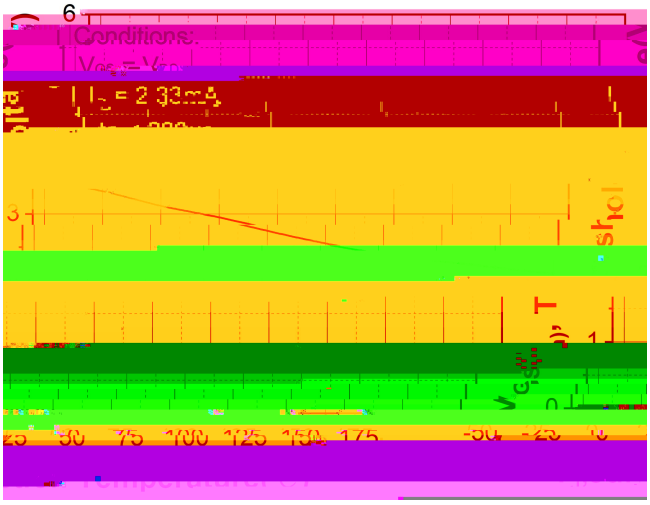
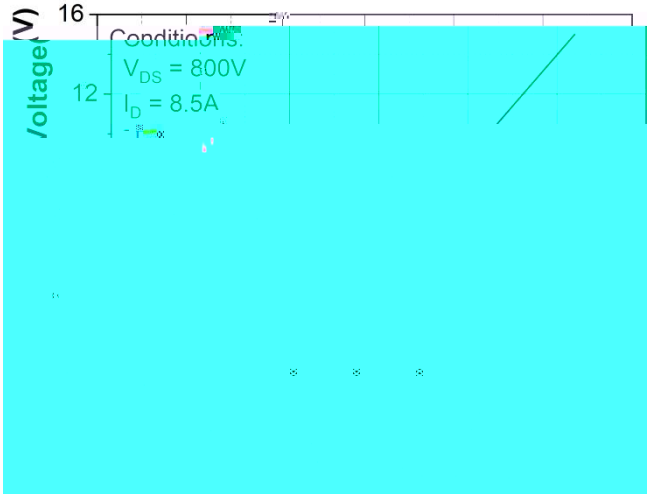


Conditions:
V_{DS} = 20V
tp < 200µs
T_J = 25℃
T_J = 175℃
I_{DS}, Drain to Source Current (A)

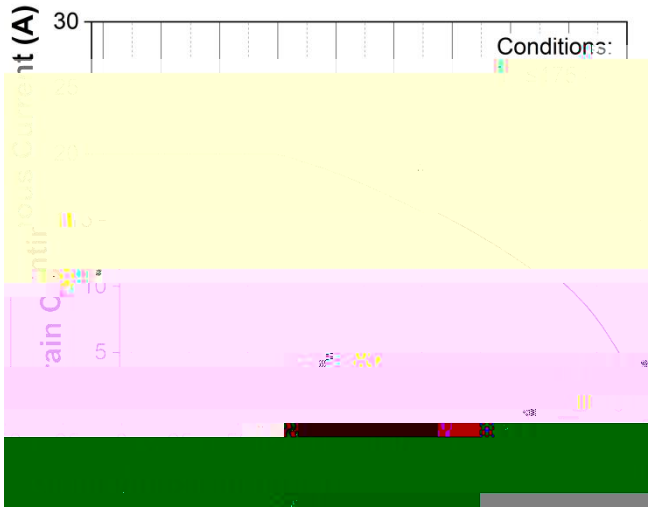

Conditions:
tp < 200µs

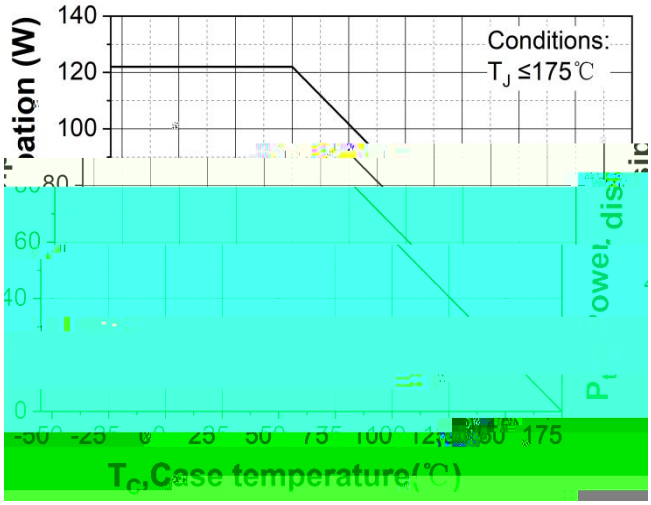

Conditions:
T_J = 25℃
tp < 200µs
V_{GS}=-4V
V_{GS}=-2V
V_{GS}=0V
I_{DS}, Drain to Source Current (A)
V_{DS}, Drain to Source Voltage (V)

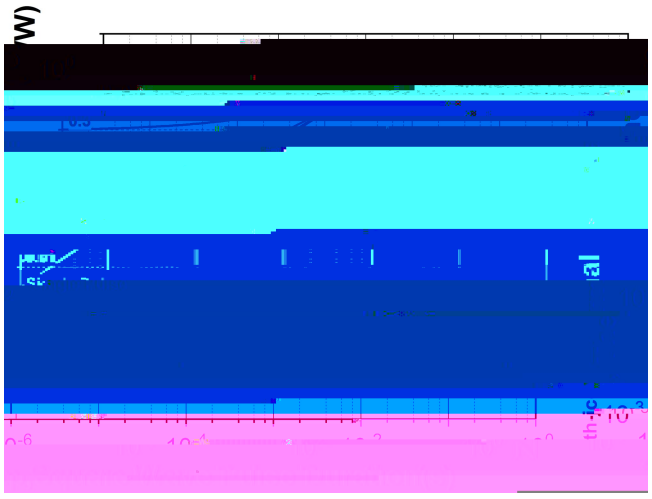

Conditions:
T_J = 175℃
tp < 200µs
V_{GS}=-4V

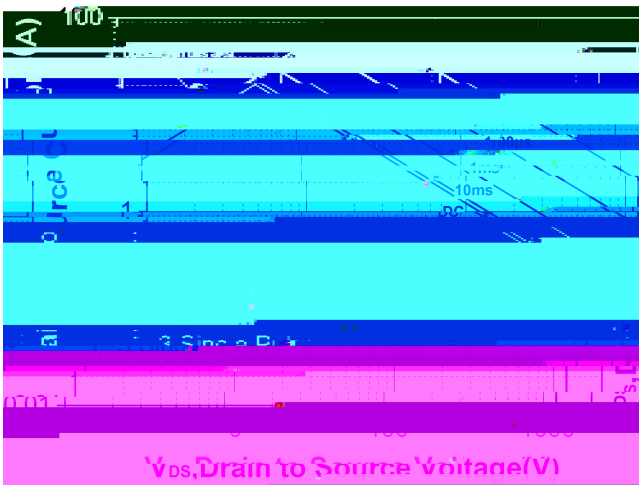


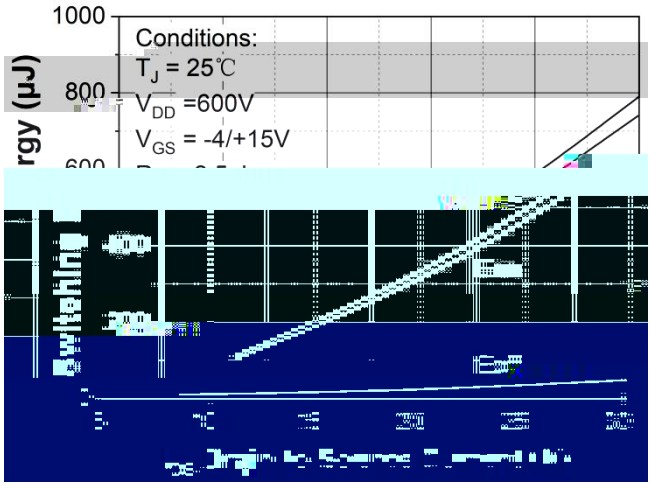

Conditions:
V_{DS} = 800V
I_D = 8.5A

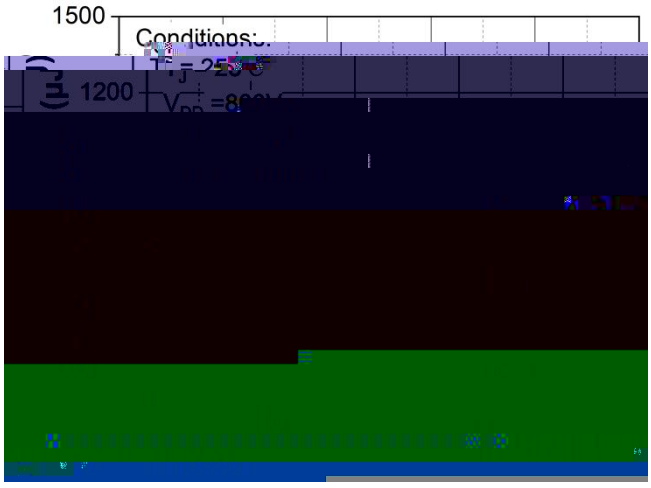

30
Conditions:

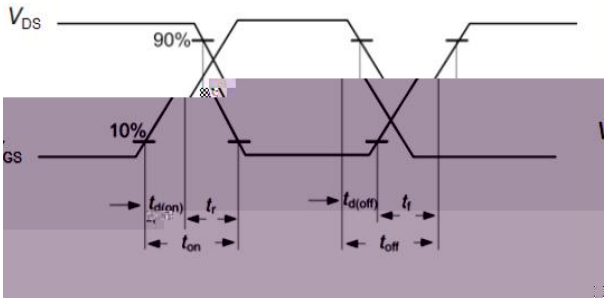

140
120
100
80
60
40
0
Conditions:
T_J ≤175℃
T_C,Case temperature(℃)

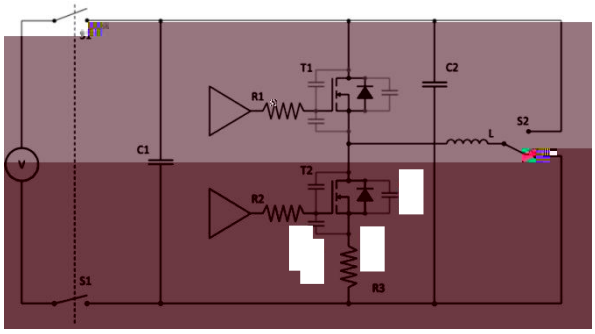


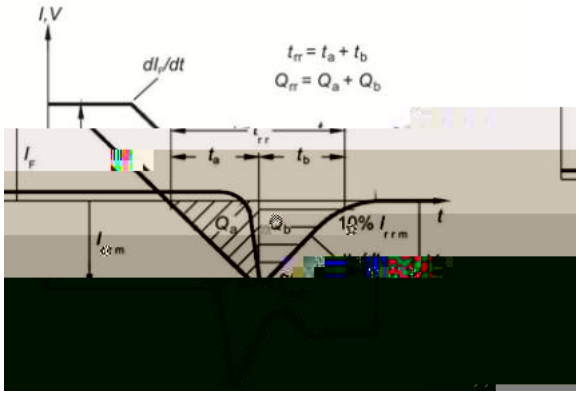

100
10ms
V_{DS},Drain to Source Voltage(V)


1000
800
Conditions:
T_J = 25℃
V_{DD} =600V
V_{GS} = -4/+15V


1500
1200
Conditions:


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


T1
C2
R1
S2
L
C1
T2
R2
R3
S1


I,V
dI_F/dt
$t_{rr} = t_a + t_b$
$Q_{rr} = Q_a + Q_b$
I_F
t_a
t_b
Q_a
Q_b
10% I_{rrm}
t

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		——	——
		——	——
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PFOHVU