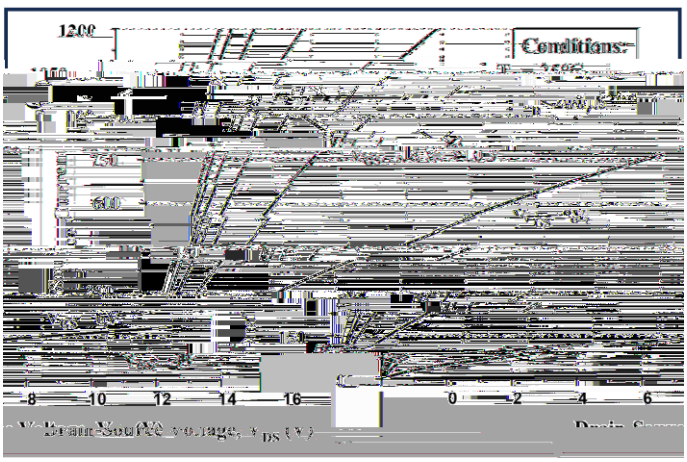
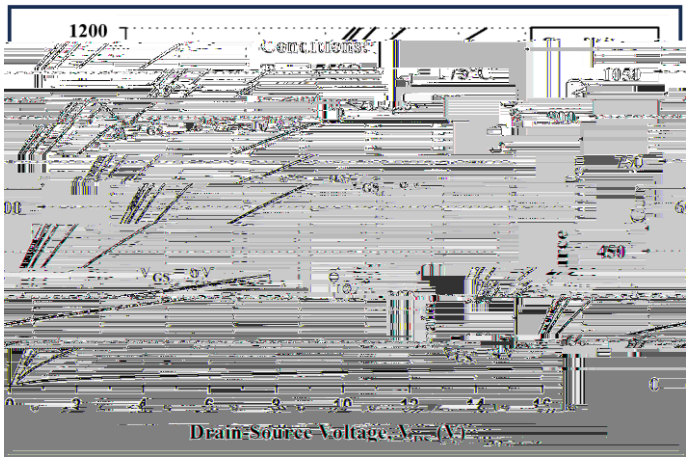

℃


1050
Drain-Source Voltage, V_{DS} (V)


1200
Conditions:
Drain-Source Voltage, V_{DS} (V)

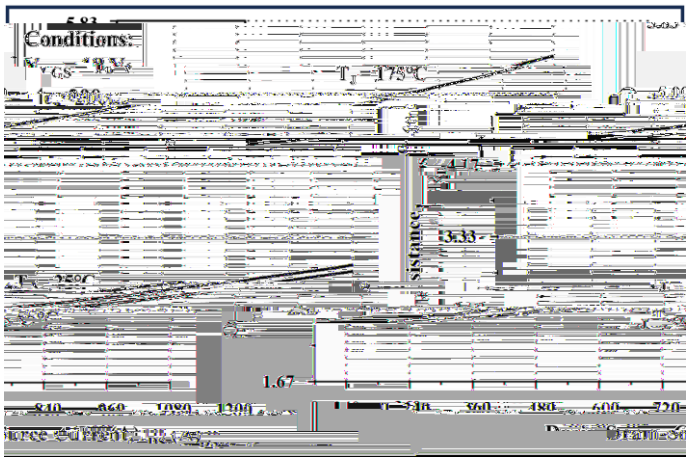
℃

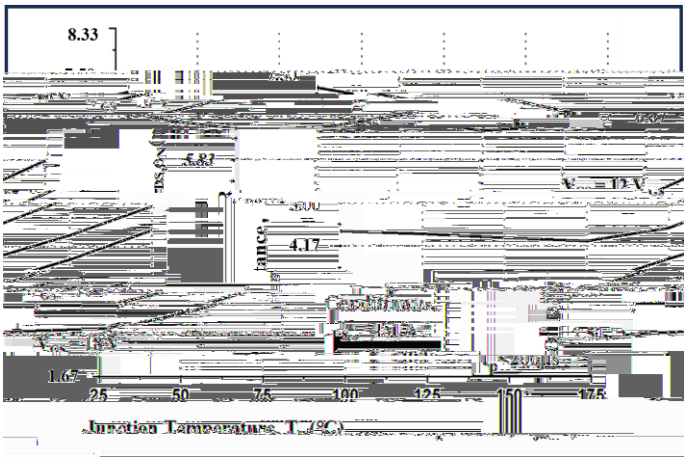
℃

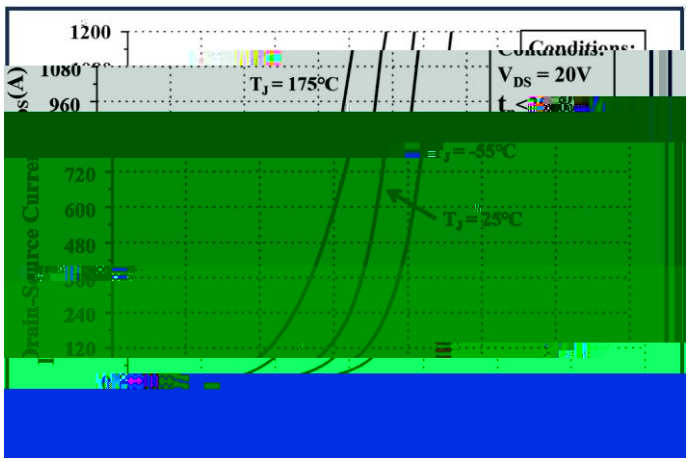

1200
Conditions:
1050
450
Drain-Source Voltage, V_{DS} (V)



℃

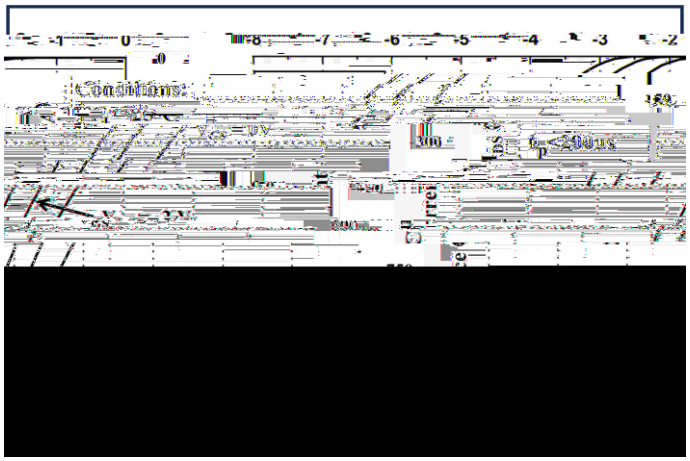

Conditions:
T_J = 175°C
3.33
1.67


8.33
5.83
4.17
1.67
Junction Temperature, T_J (°C)

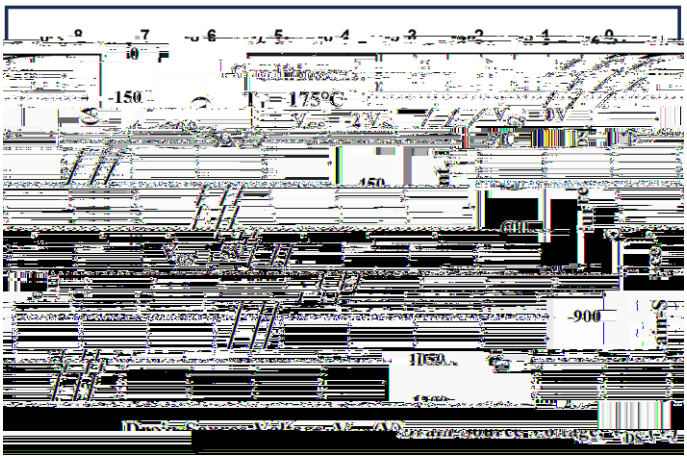

1200
1080
960
720
600
480
240
120
Conditions:
V_{DS} = 20V
T_J = 175°C
T_J = -55°C
T_J = 25°C



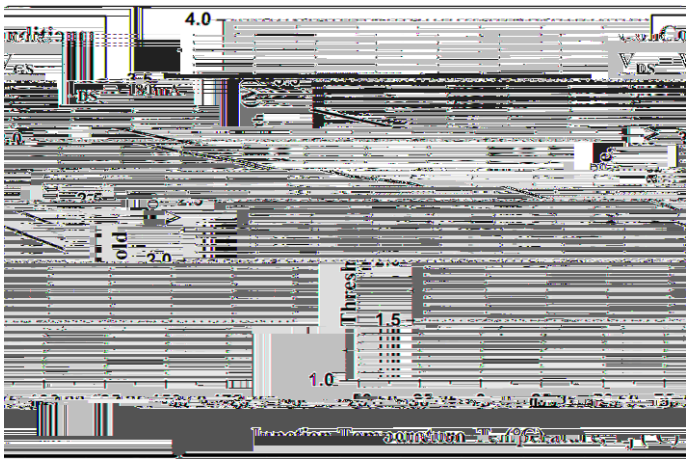
℃

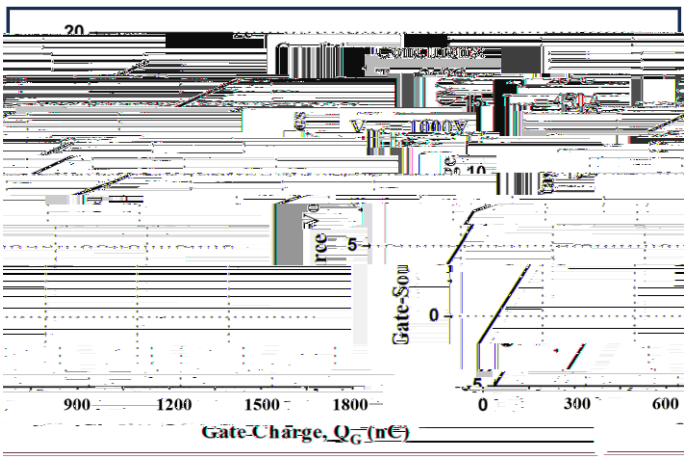

Conditions:

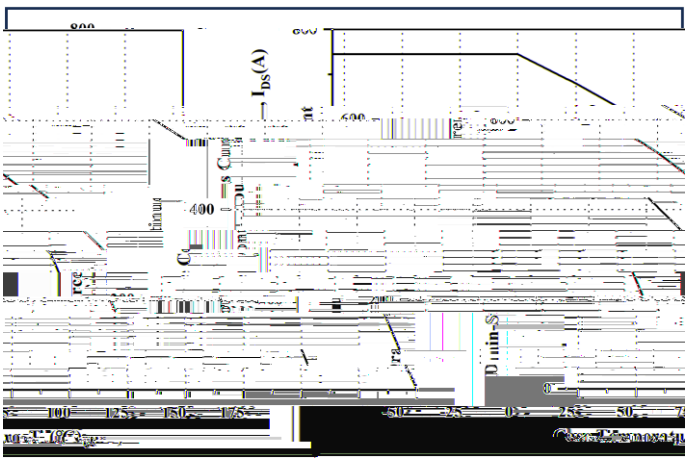
℃

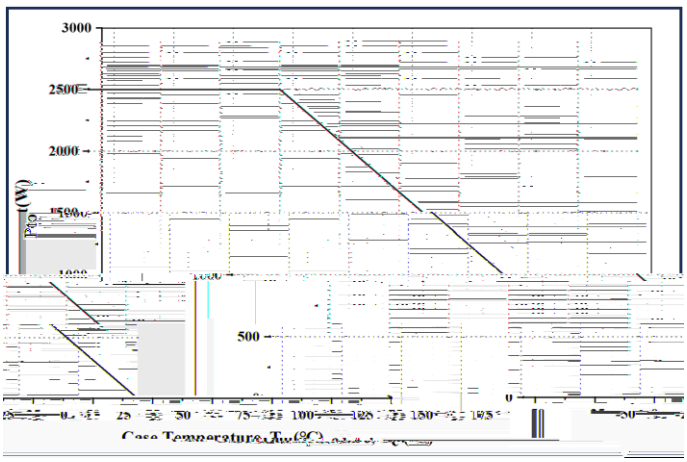

-150
-900

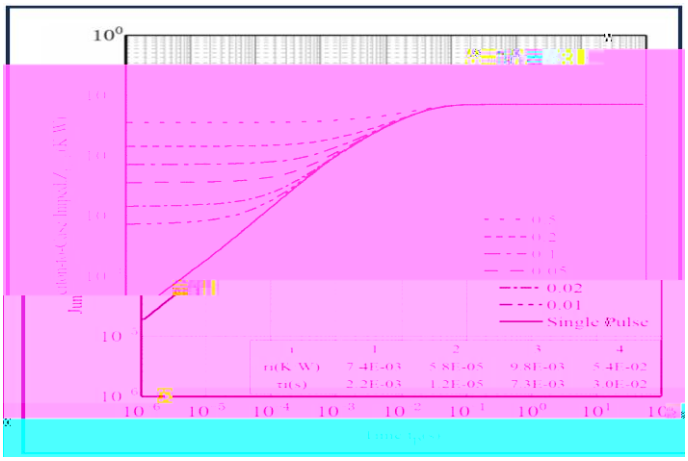
℃

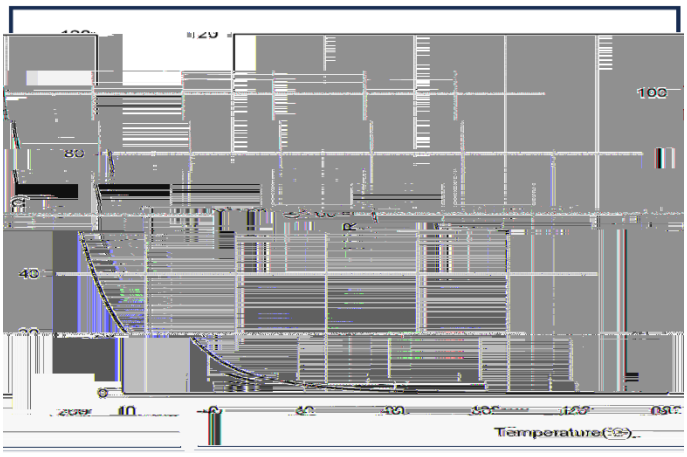

4.0
1.5
1.0

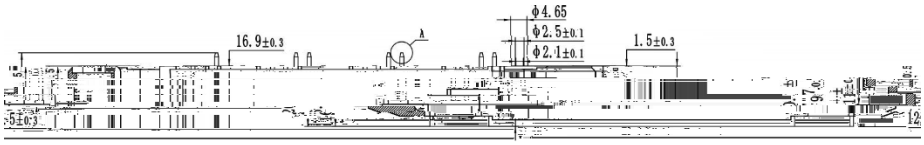

20
5
0
-5
900
1200
1500
1800
0
300
600
Gate-Charge, Q_G (nC)


I_{DS}(A)
400
Drain-Source

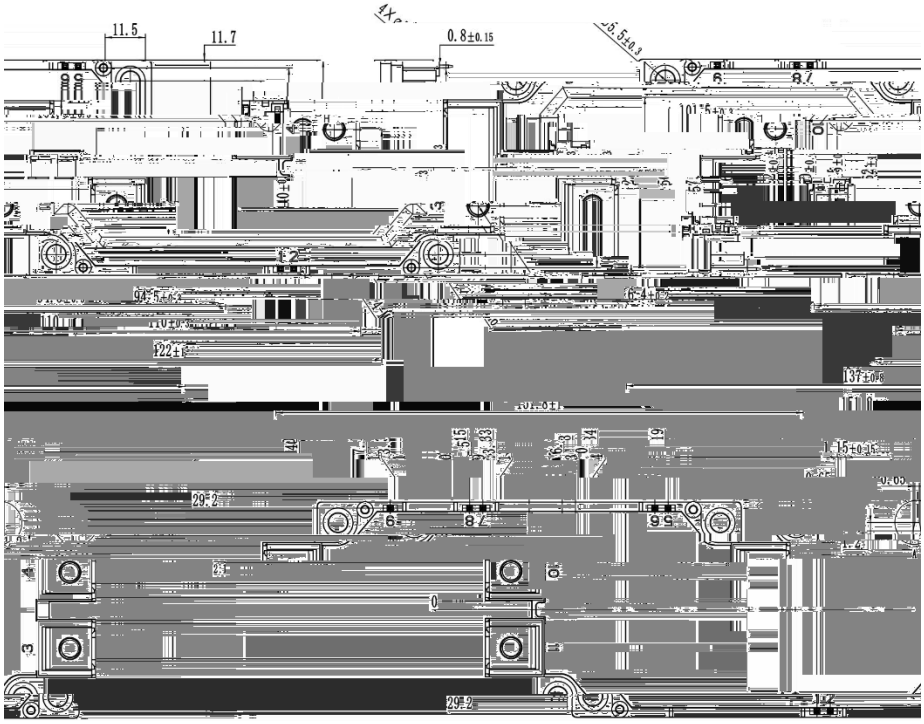

3000
2500
2000
500
0
Case Temperature,Tw(℃)


10^0
0.02
0.01
Single Pulse

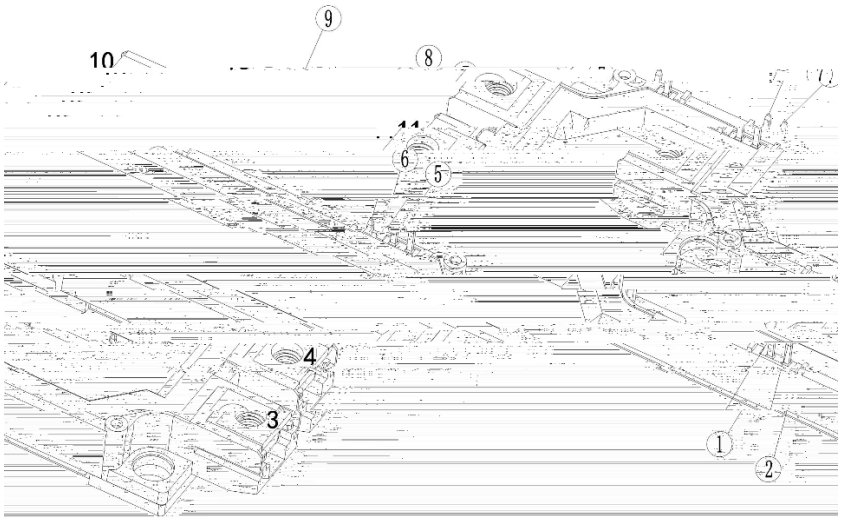

100
80
40
Temperature(℃)



ϕ4.65
ϕ2.5±0.1
ϕ2.1±0.1
16.9±0.3
1.5±0.3



11.5
11.7
0.8±0.15



9
10
8
6
5
4
3
1
2