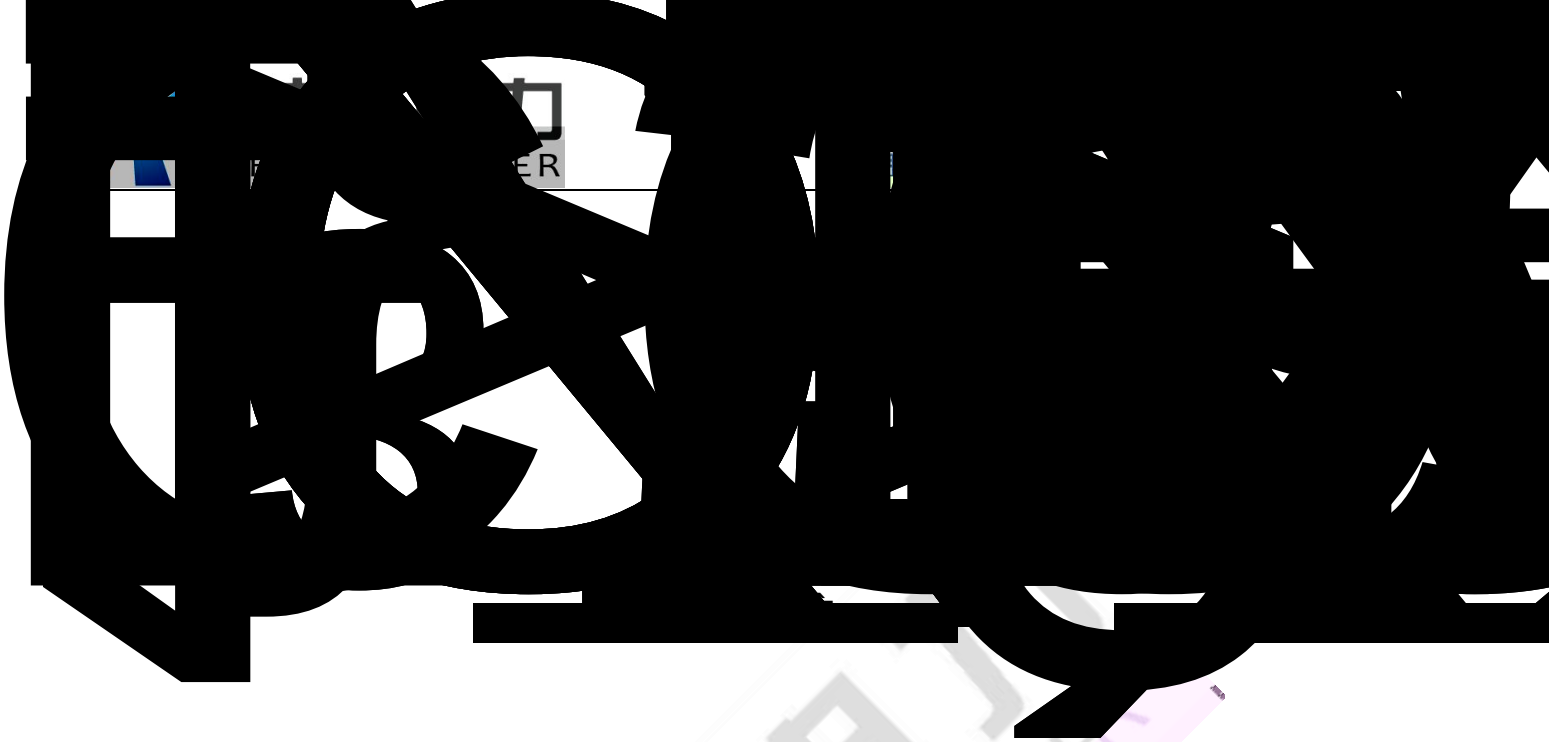




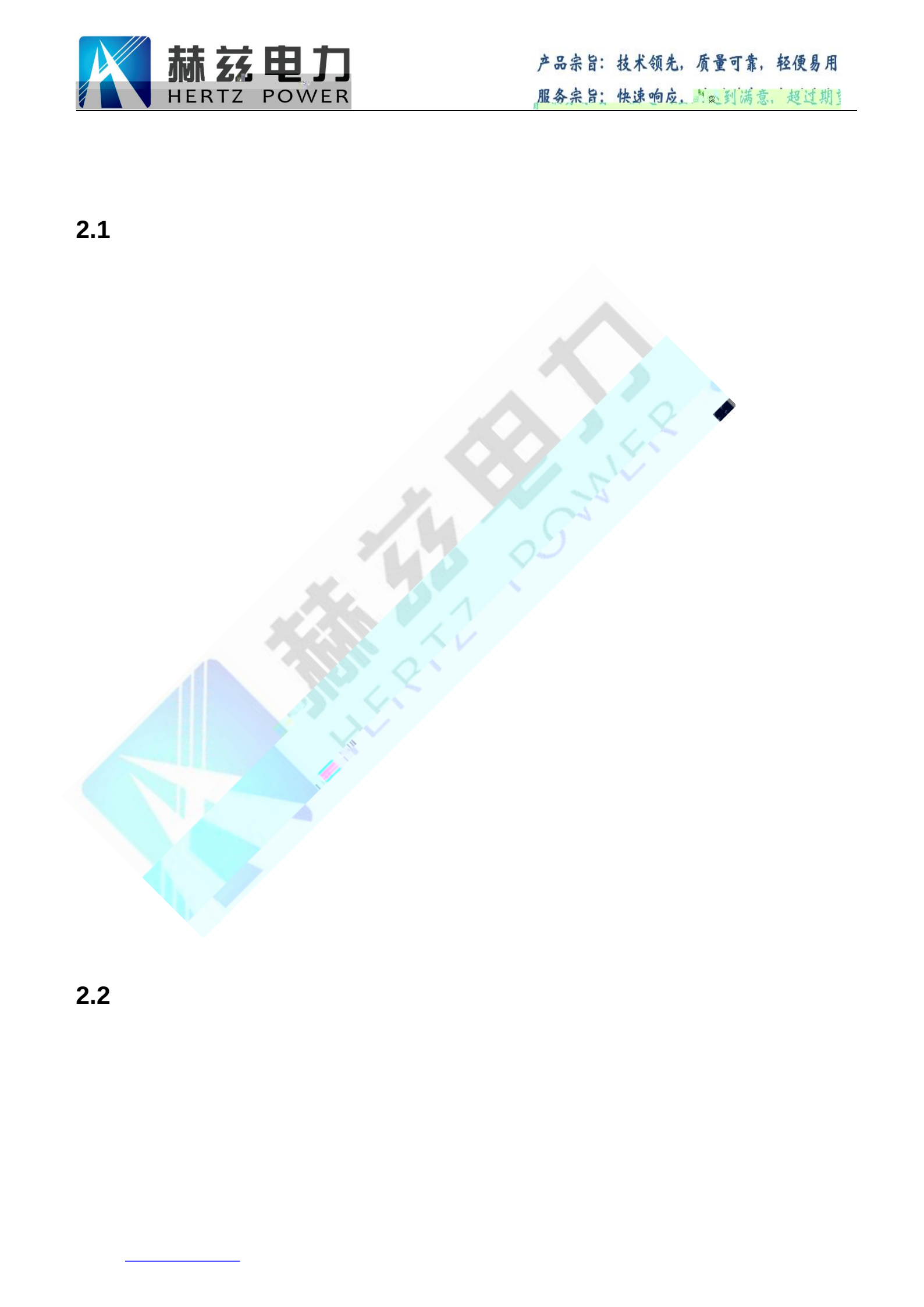




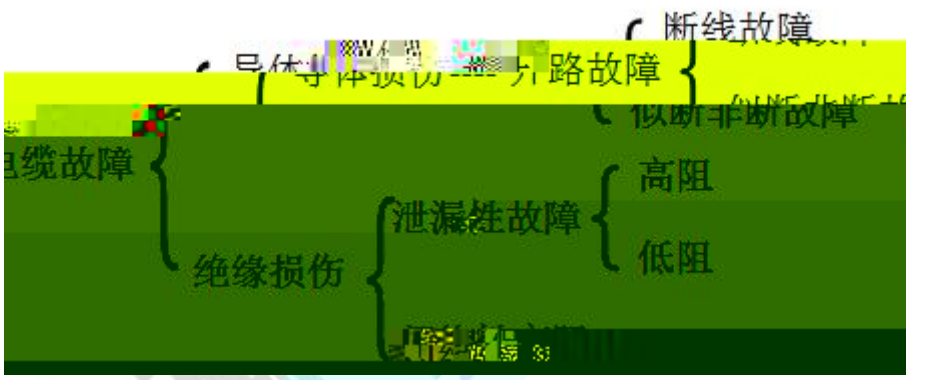




2.1



2.2


断线故障
导体损伤——开路故障
似断非断故障
电缆故障
高阻
泄漏性故障
绝缘损伤
低阻

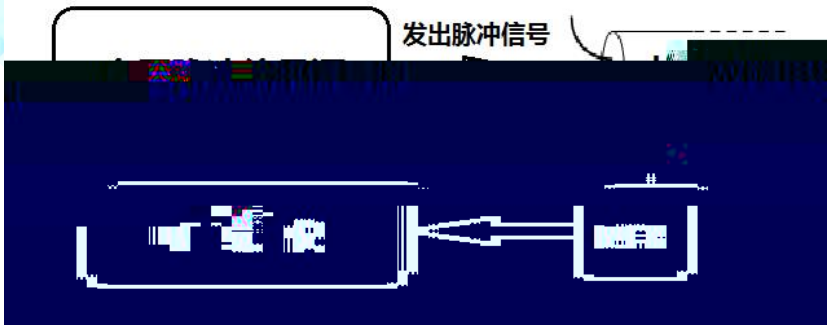




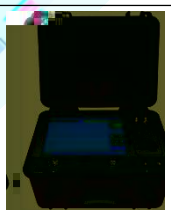
5.1



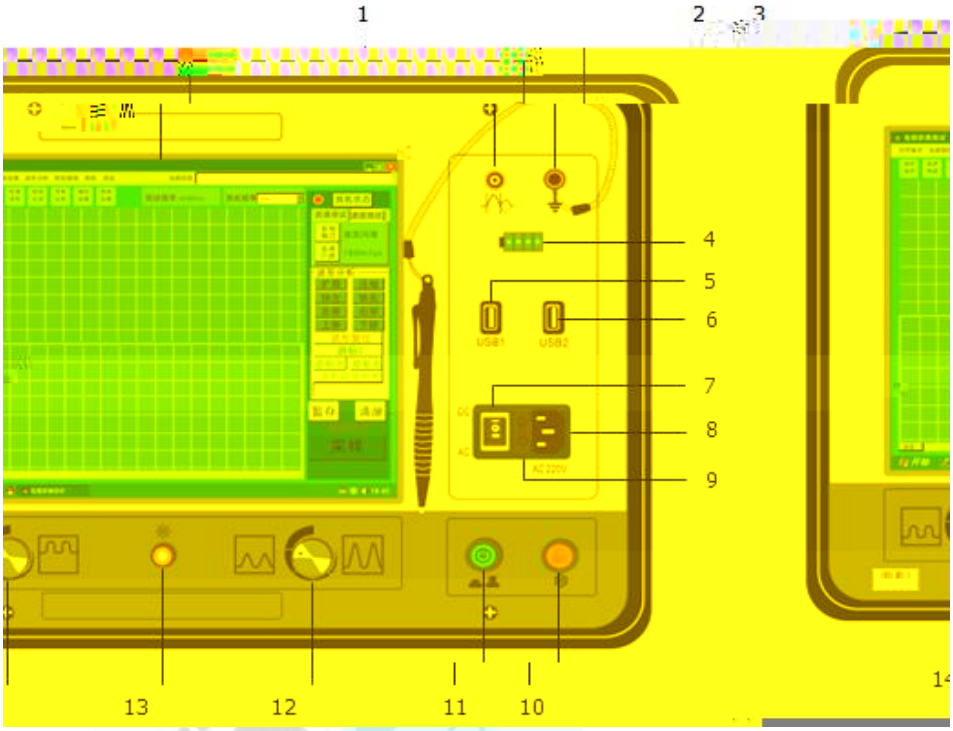
5.2



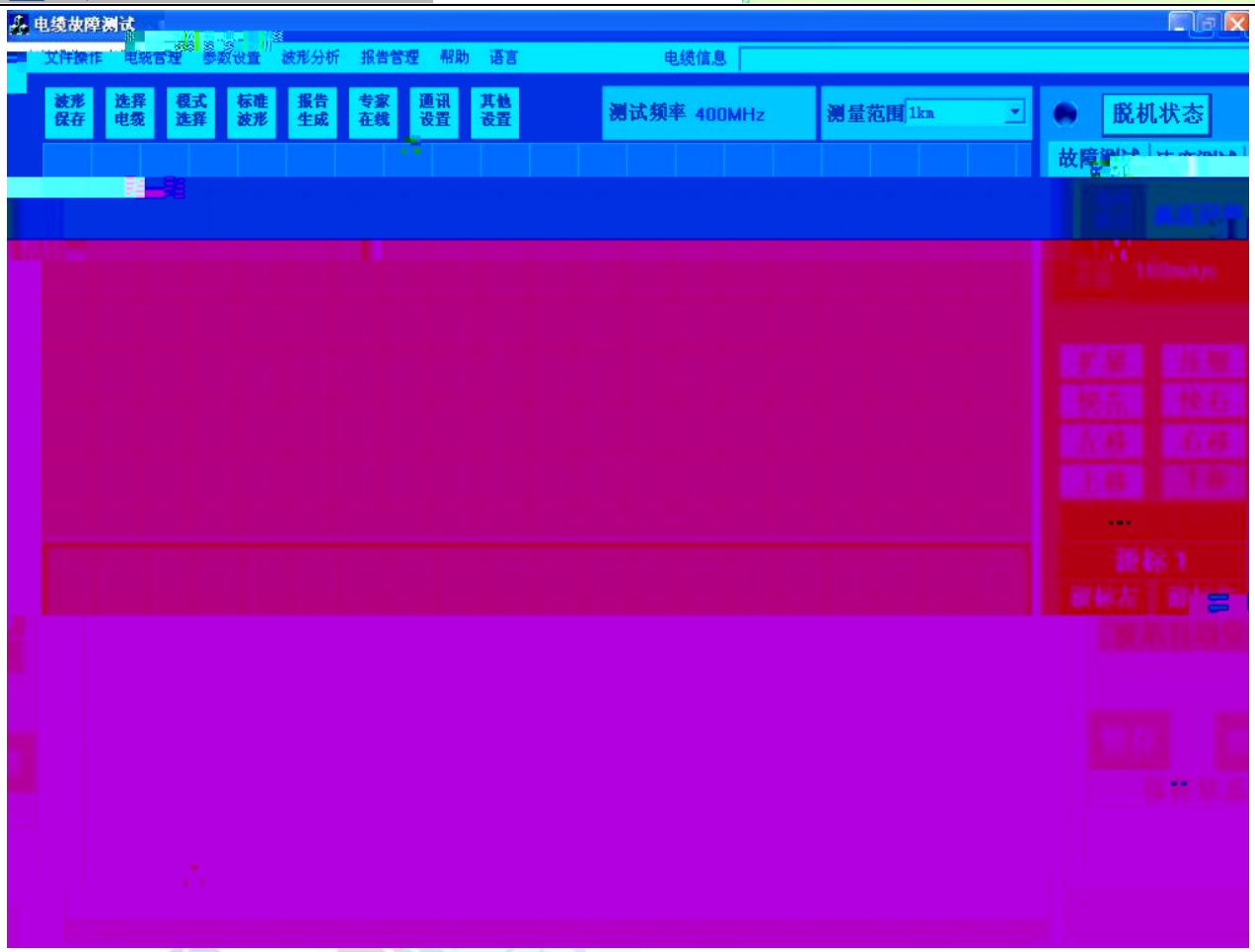
6.1

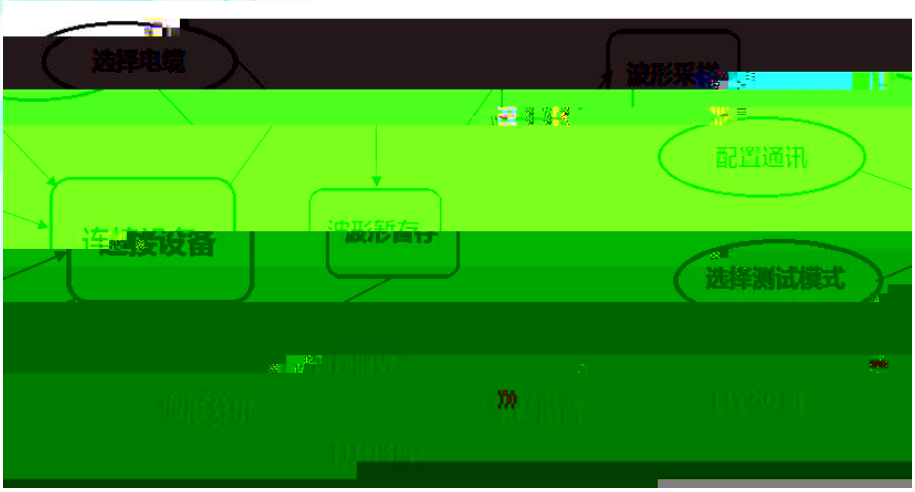
6.2






电缆故障测试
文件操作
电缆管理
参数设置
波形分析
报告管理
帮助
语言
电缆信息
波形保存
选择电缆
模式选择
标准波形
报告生成
专家在线
通讯设置
其他设置
测试频率 400MHz
测量范围 1km
脱机状态
故障测试
游标 1

6.4

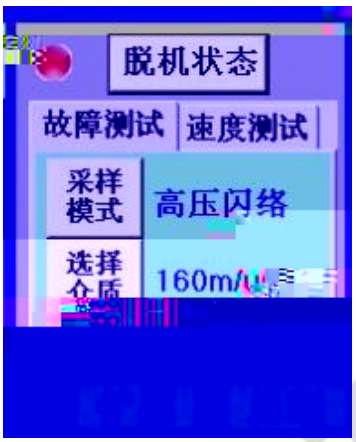

选择电缆
配置通讯
选择测试模式

6.5

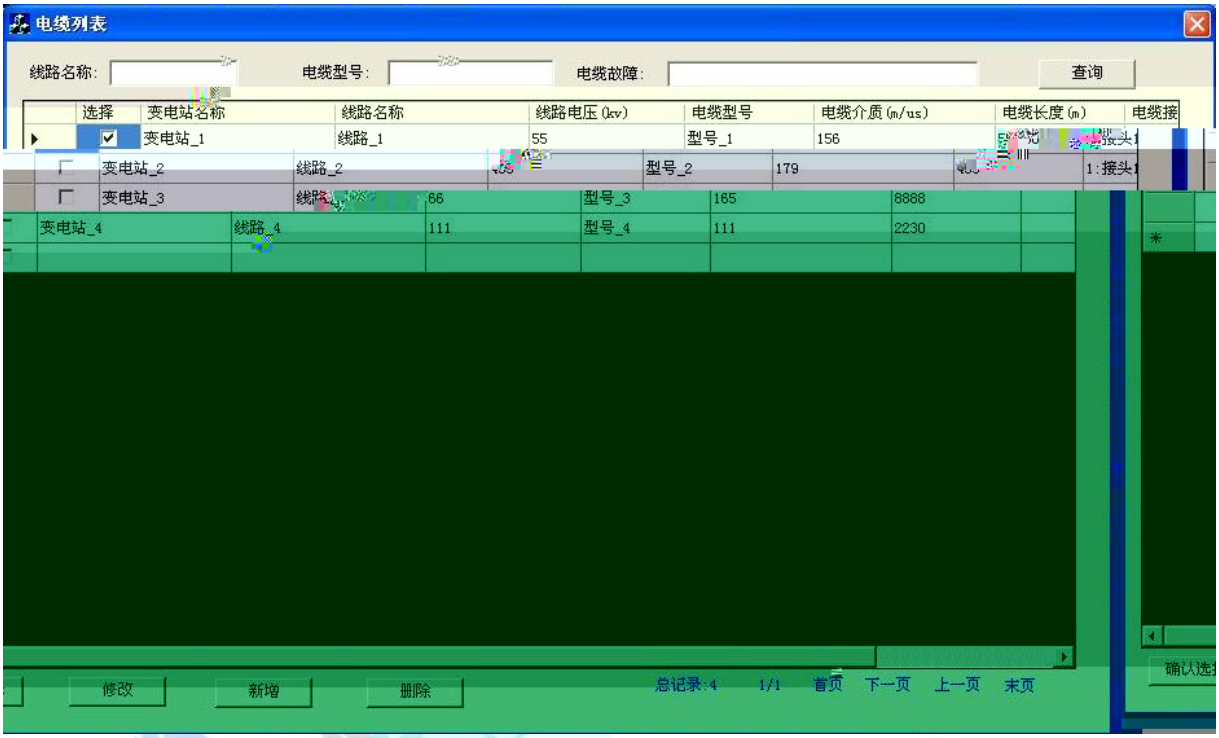


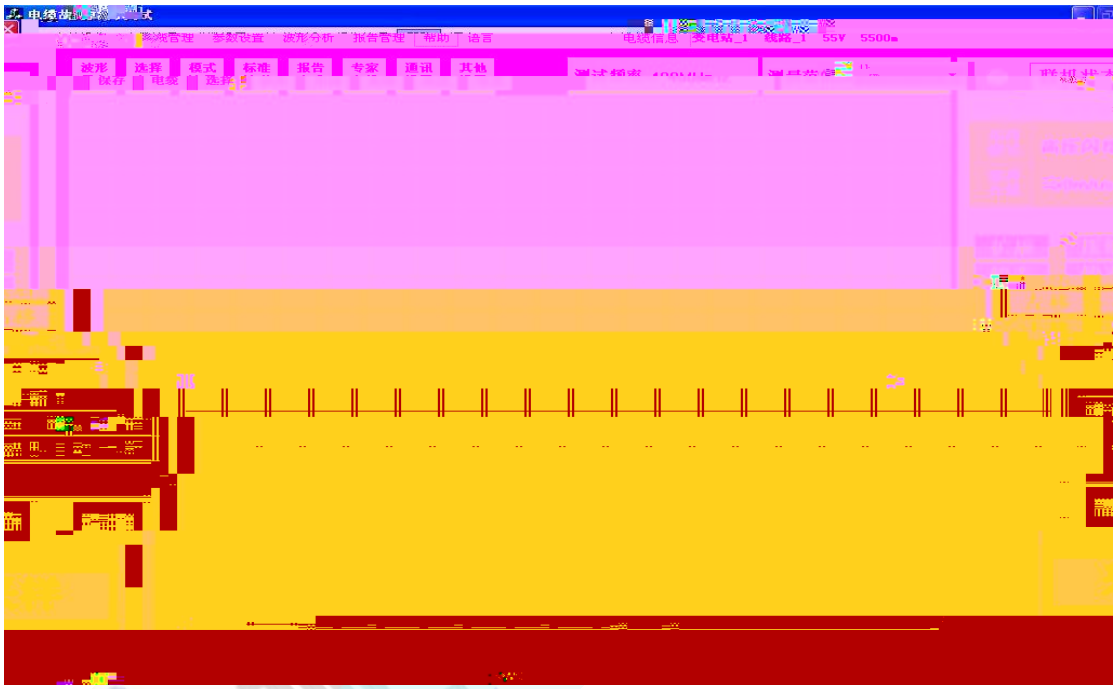


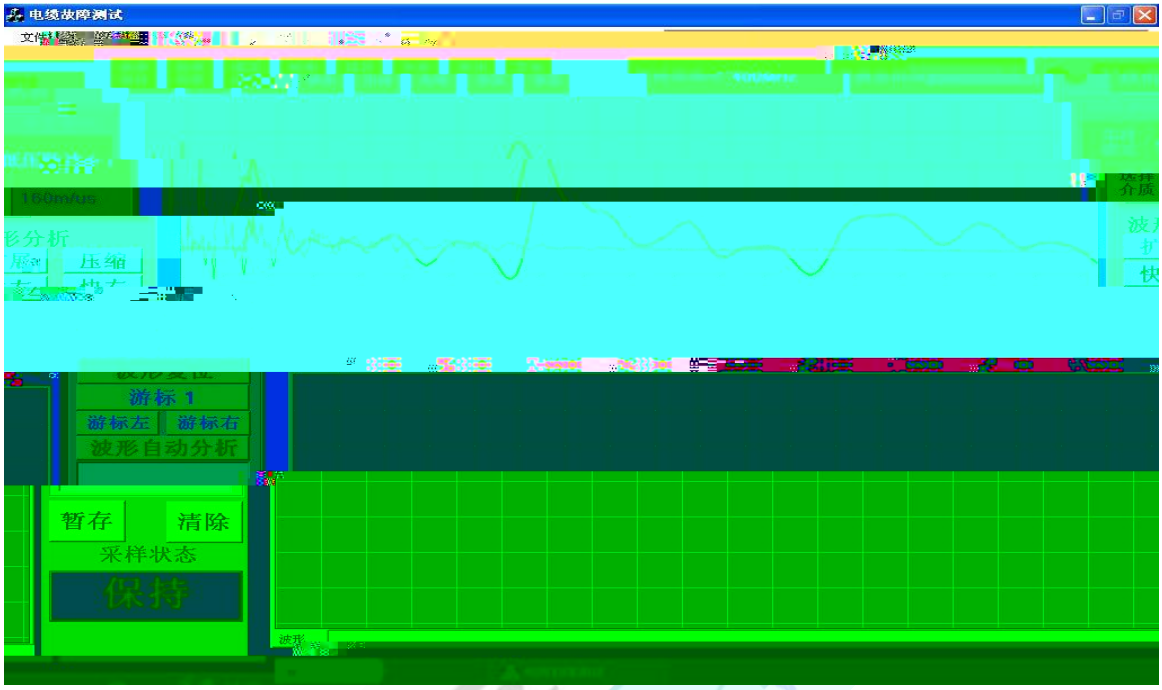

串口设置
COM1
保存
刷新
当前选择串口：
COM1
波特率：
115


脱机状态
故障测试
速度测试
采样模式
高压闪络
选择介质
160m/

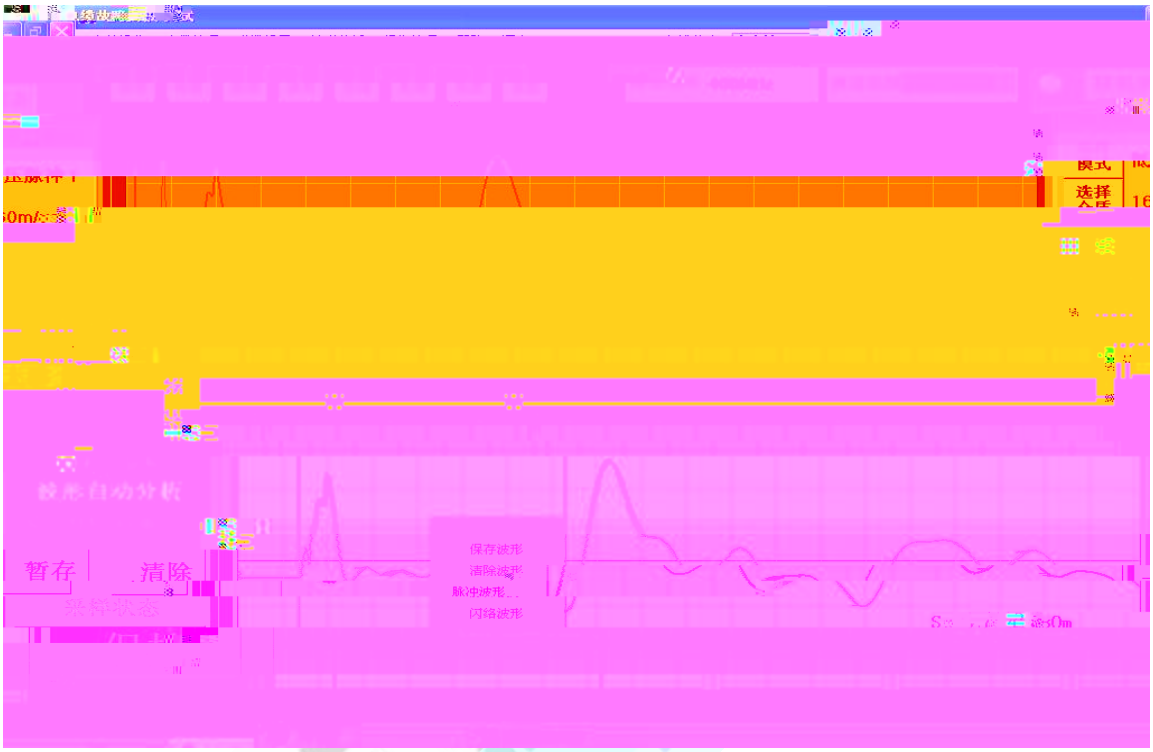

其他设置
测试人员：
测试
监控人员：
监控
温度设置：
50
℃
天气设置：
晴
确认


电缆列表
线路名称:
电缆型号:
电缆故障:
查询
选择
变电站名称
线路名称
线路电压(kv)
电缆型号
电缆介质(m/us)
电缆长度(m)
电缆接
变电站_1
线路_1
55
型号_1
156
变电站_2
线路_2
型号_2
179
1:接头
变电站_3
66
型号_3
165
8888
变电站_4
线路_4
111
型号_4
111
2230
修改
新增
删除
总记录:4
1/1
首页
下一页
上一页
末页

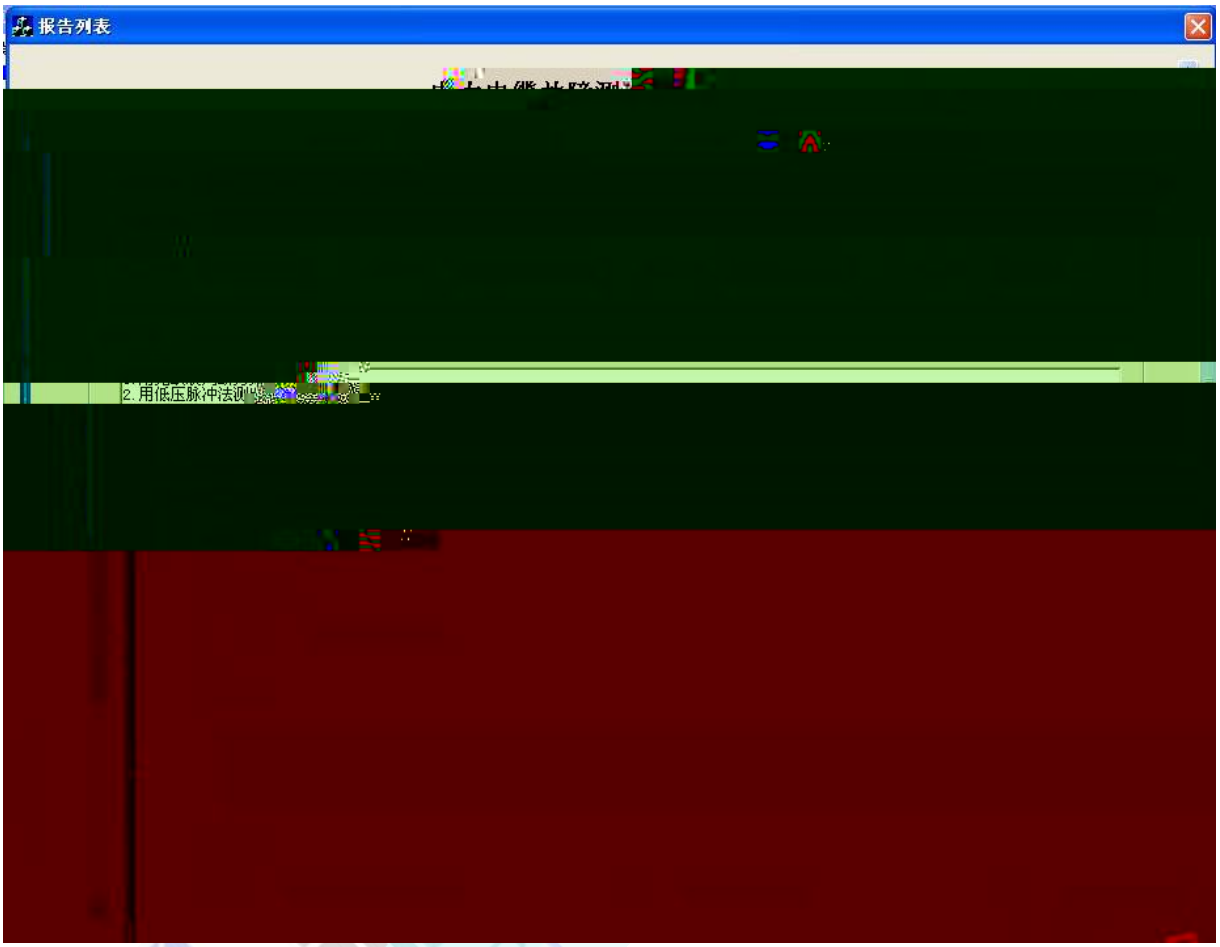

被形
选择
模式
标准
报告
专家
通讯
其他


电缆故障测试
游标 1
游标左
游标右
波形自动分析
暂存
清除
采样状态
保持

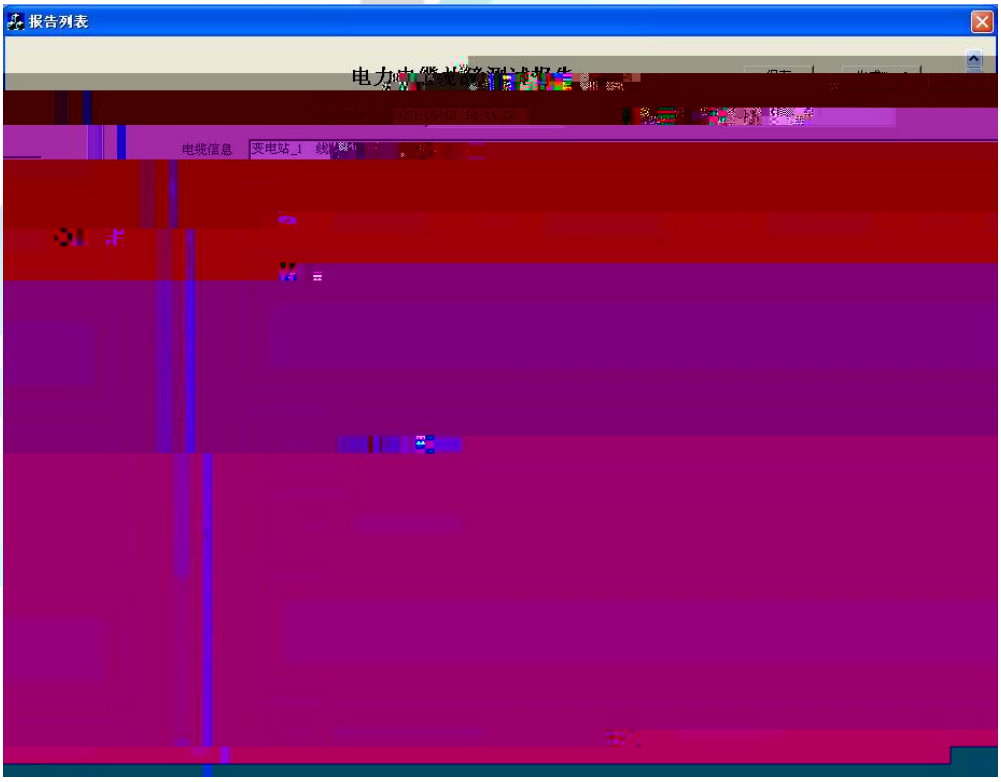


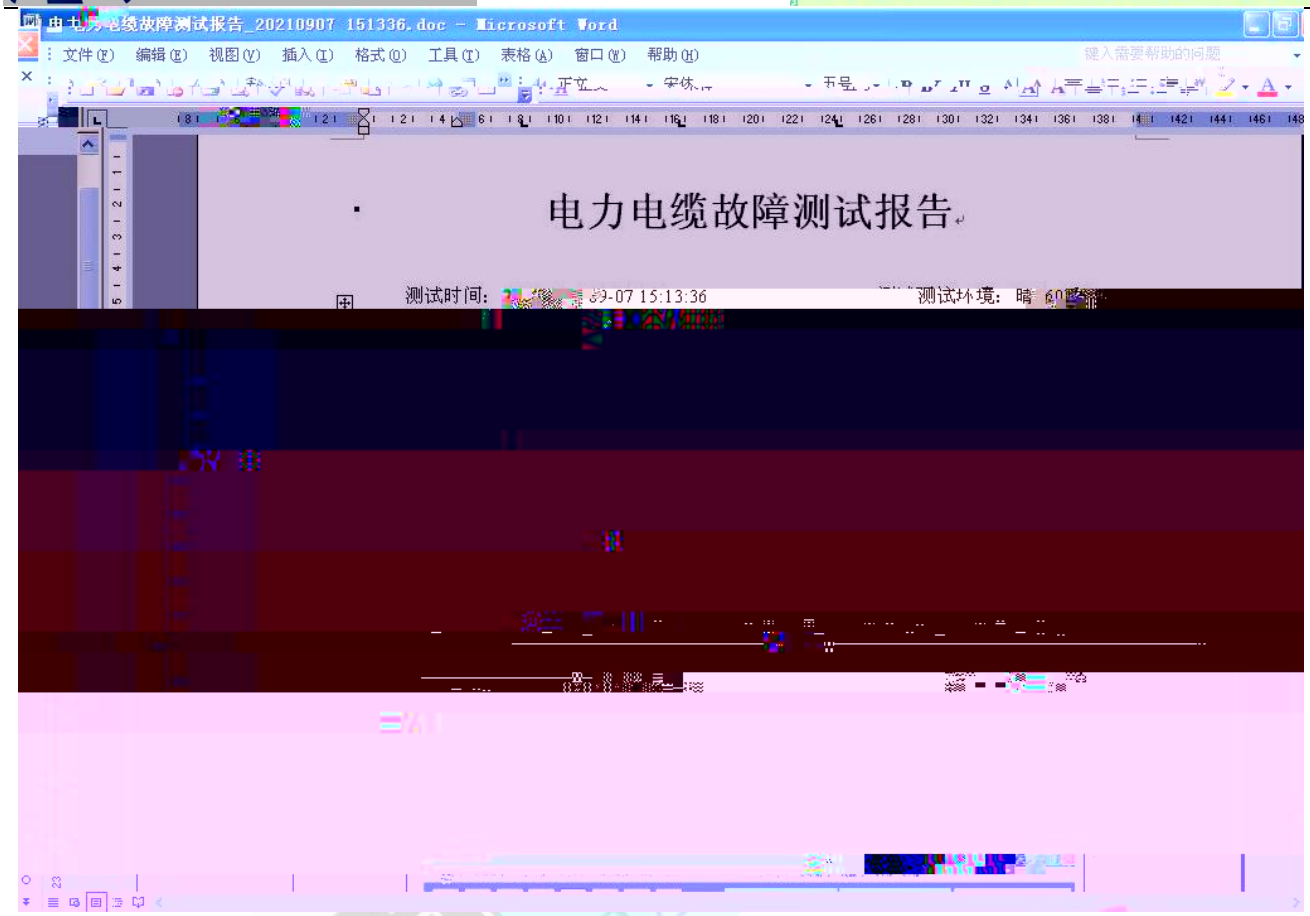

暂存
清除
保存波形
清除波形
脉冲波形
闪络波形


电缆故障测试
文件操作
电缆管理
参数设置
波形分析
报告管理
帮助
语言
电缆信息
波形保存
选择电缆
模式选择
标准波形
报告生成
专家在线
通讯设置
其他设置
测试频率 400MHz
测量范围 1km
脱机状态
故障测试
速度测试

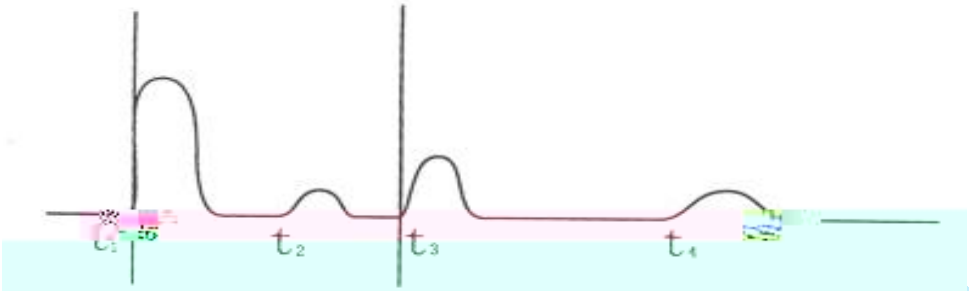

报告列表
2. 用低压脉冲法测

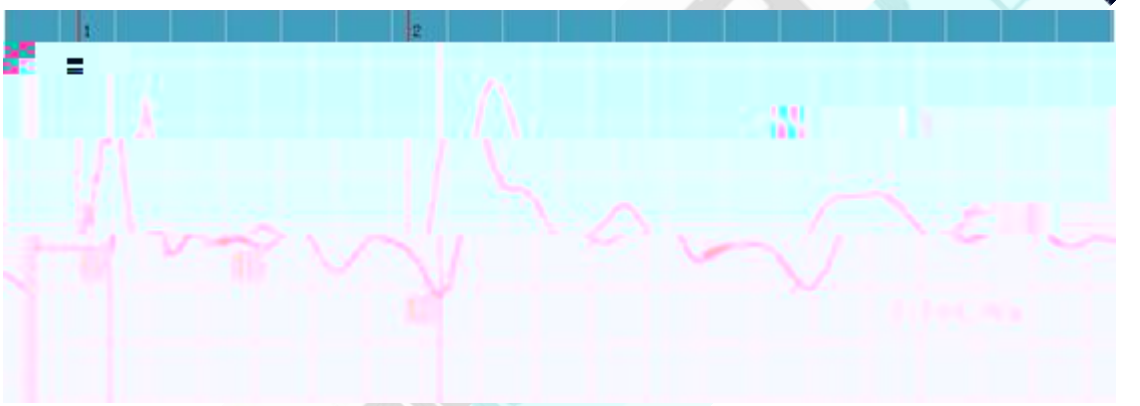

报告列表


报告列表
电缆信息

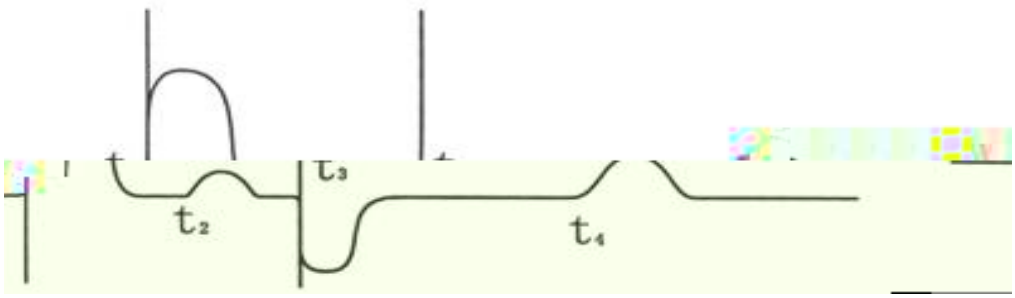

电力电缆故障测试报告_20210907 151336.doc - Microsoft Word
文件(F) 编辑(E) 视图(V) 插入(I) 格式(O) 工具(T) 表格(A) 窗口(W) 帮助(H)
电力电缆故障测试报告
测试时间：
09-07 15:13:36
测试环境：晴

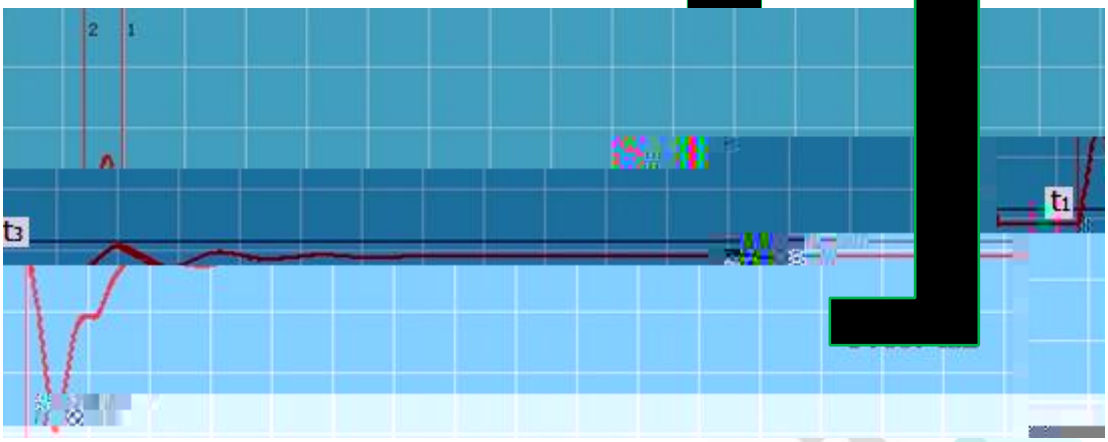
6.6





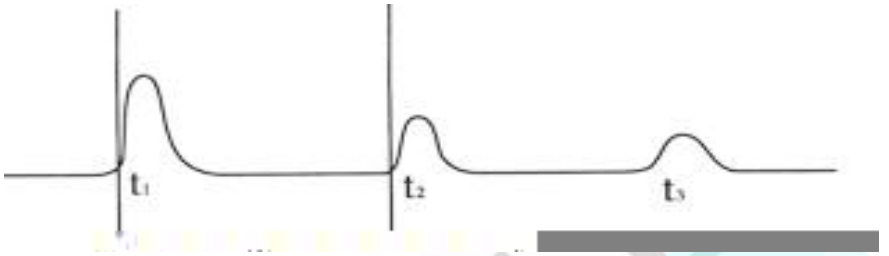
$$|t \quad t| \quad |t \quad t|$$



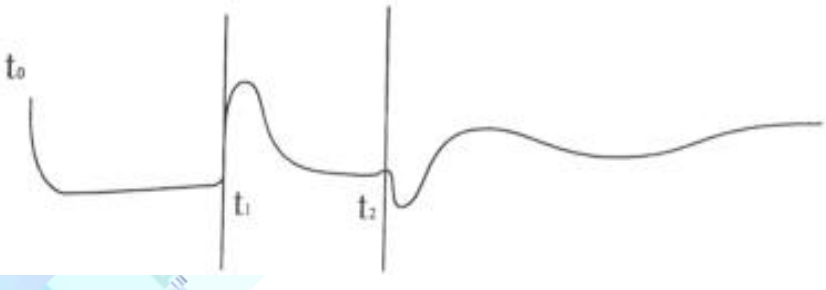

2
1
t3
t1

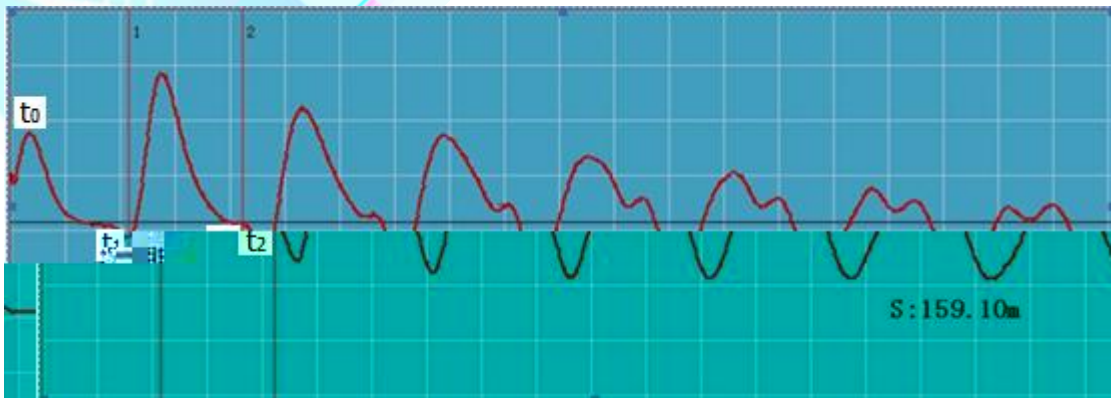
$S \quad |t \quad t| \quad |t \quad t|$

$S \quad |t \quad t|$



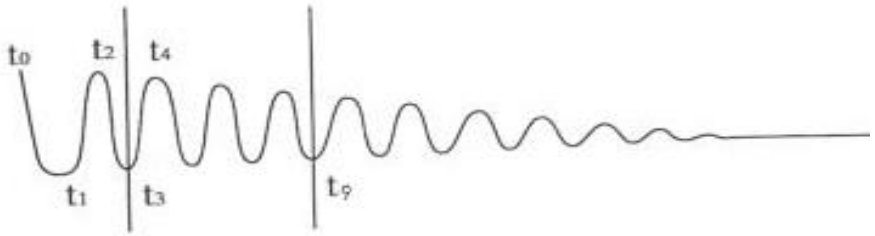
$$v = \frac{2S}{|t_1 - t_2|}$$





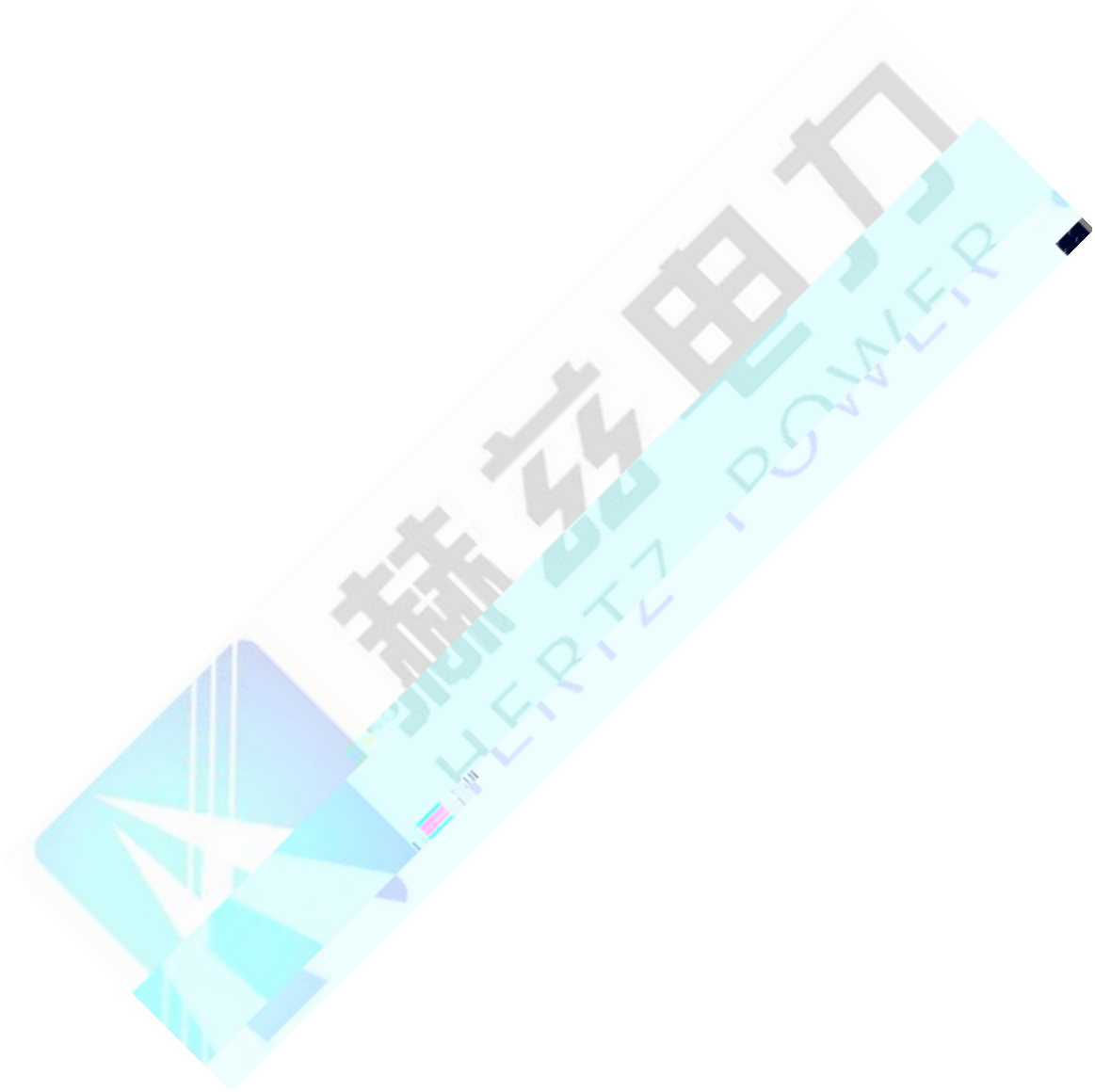
$S \quad |t \quad t|$

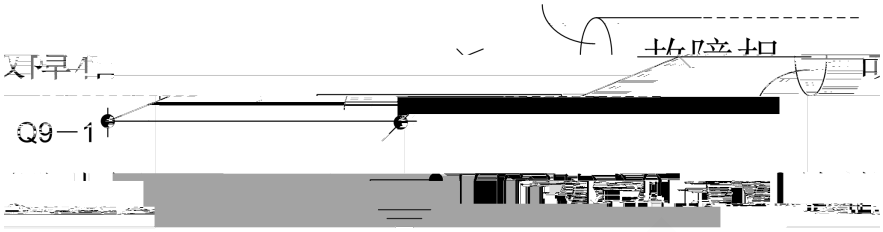
$|t \quad t| \quad |t \quad t|$



$$S \quad \frac{t_n \quad t}{n} \quad \frac{v}{} \quad \frac{S_n}{n}$$

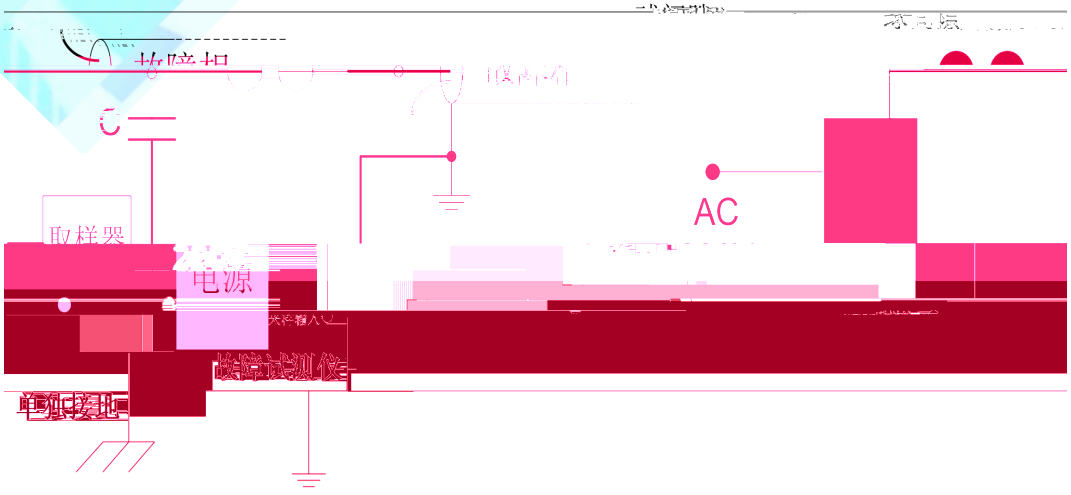
7.1 /

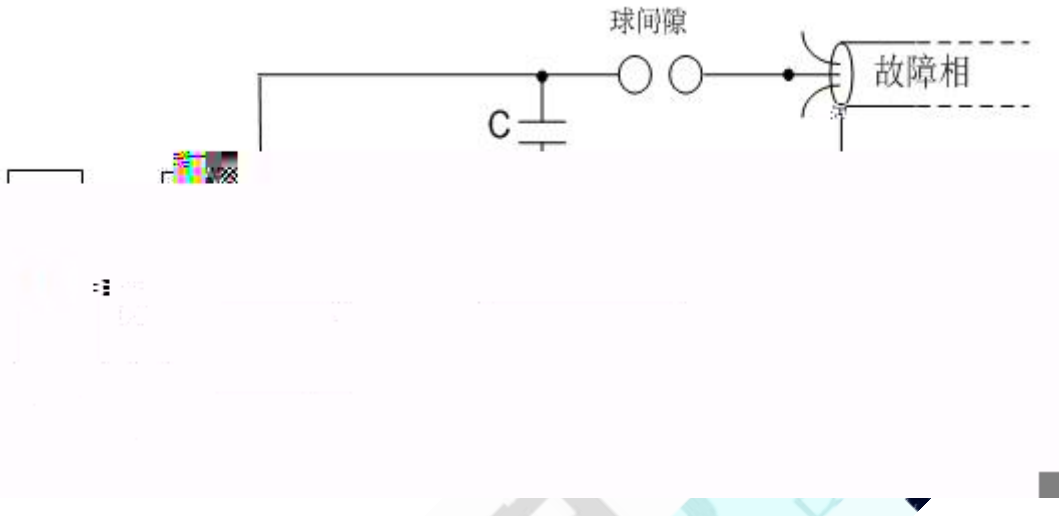


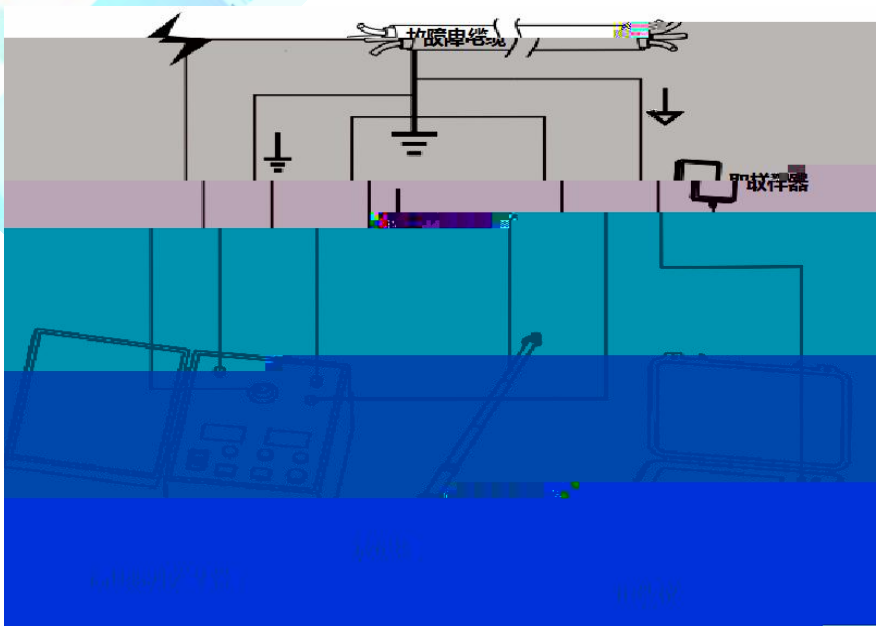




7.3




球间隙
C
故障相


故障电缆
取样器



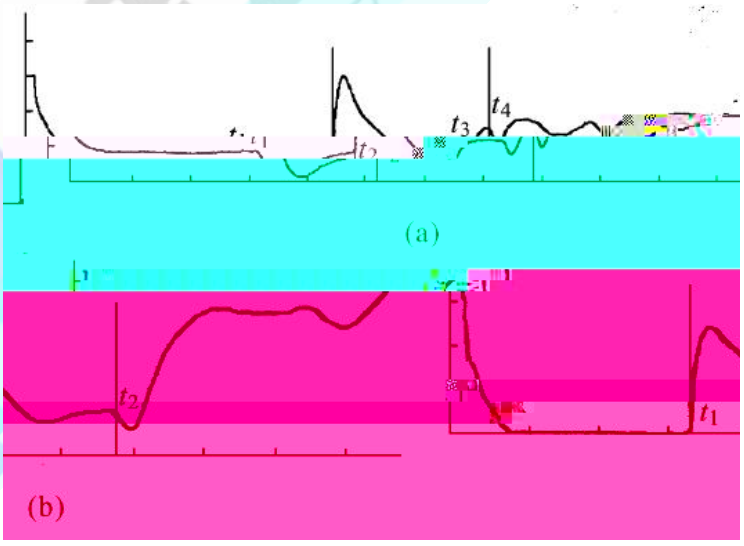


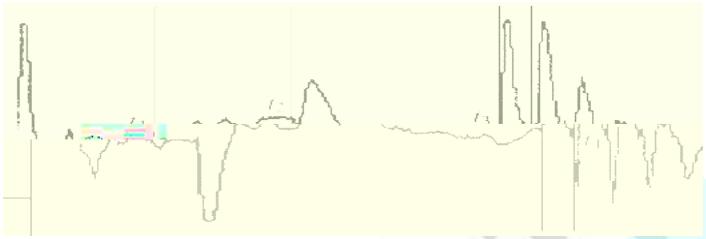
0×(

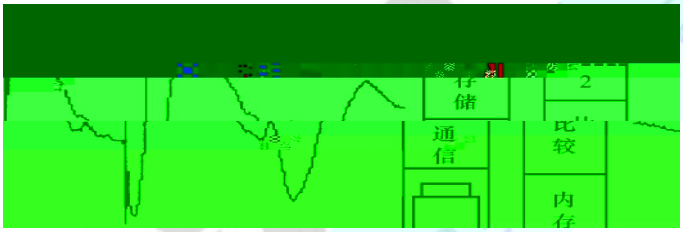
~

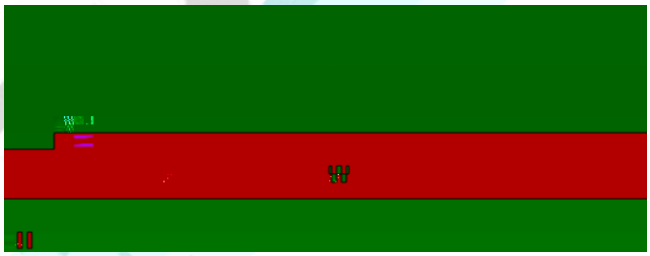


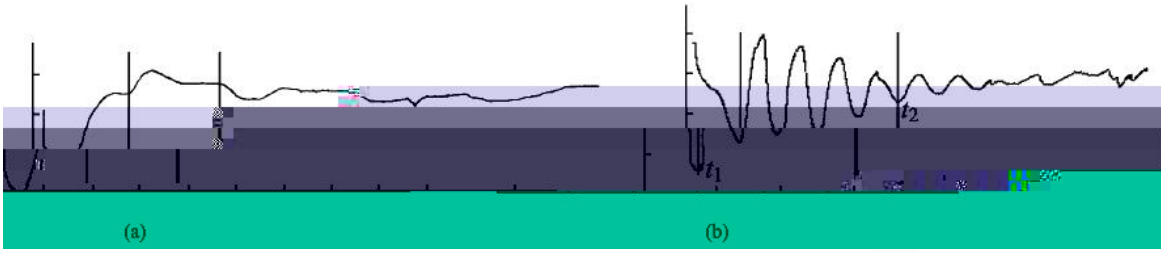


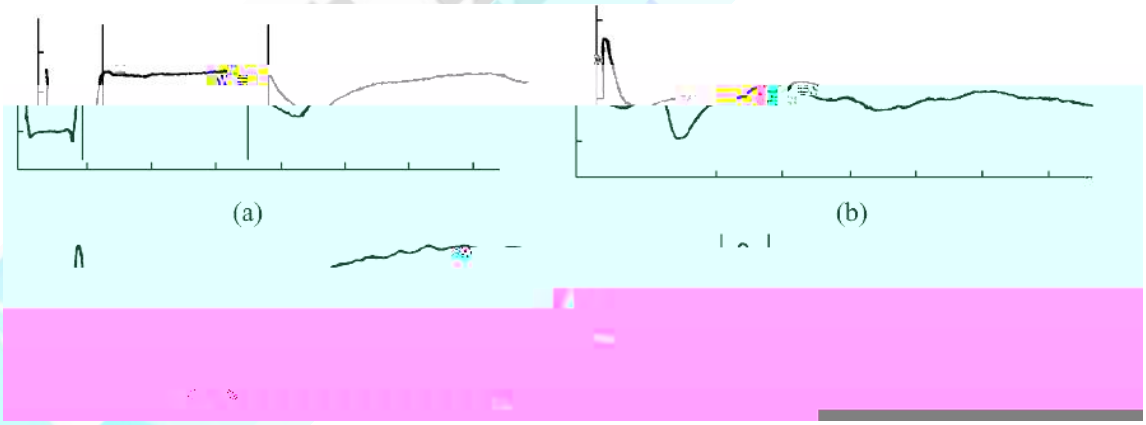

t_3
t_4
(a)
t_2
t_1
(b)

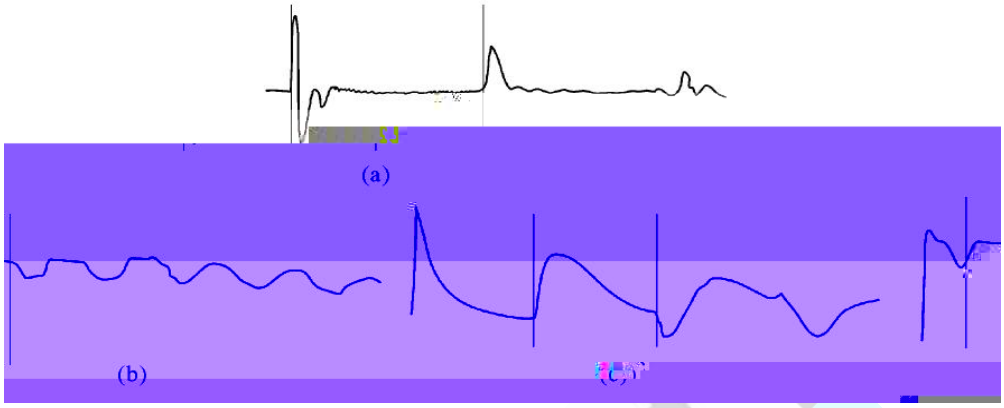


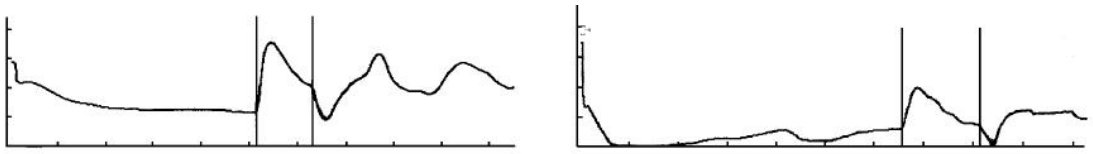

存储
2
通信
比较
内存



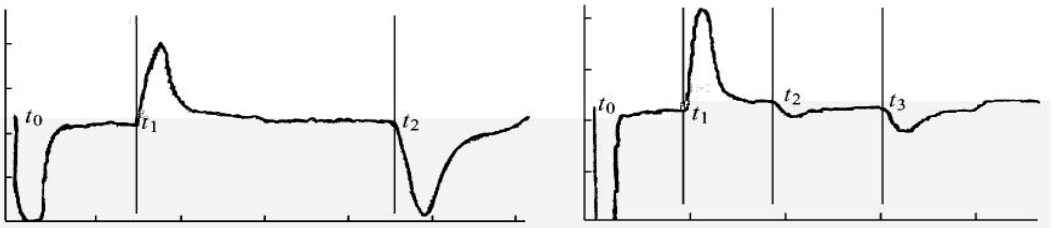

t_2
t_1
(a)
(b)


(a)
(b)

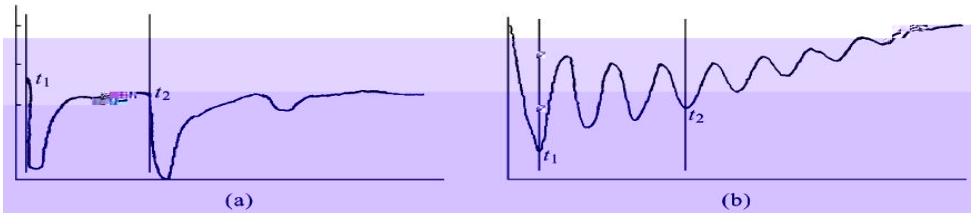

(a)
(b)
(c)

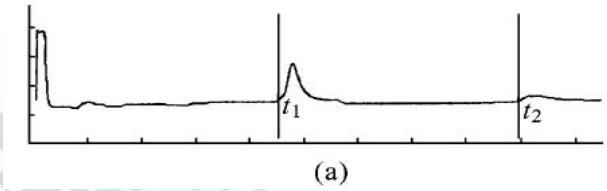


(a) (b)

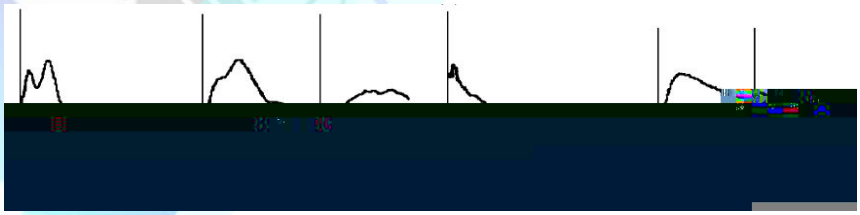


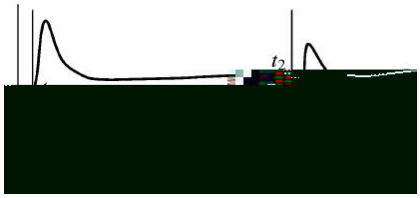
(a) (b)

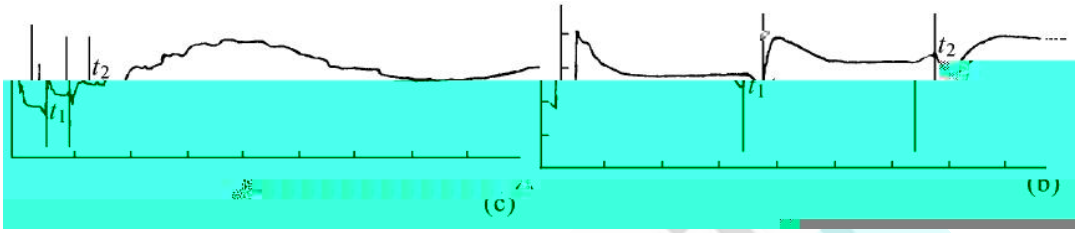


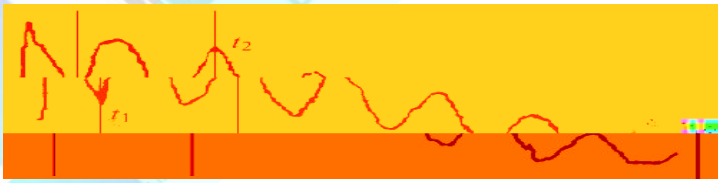


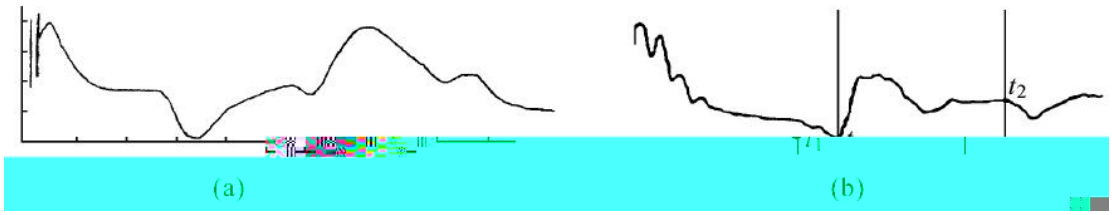
(a)




t_2


t_1
t_2
(C)
t_1
t_2
(D)


t_1
t_2


t_2
(a)
(b)

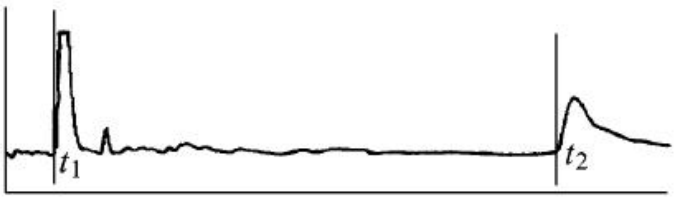


(a)

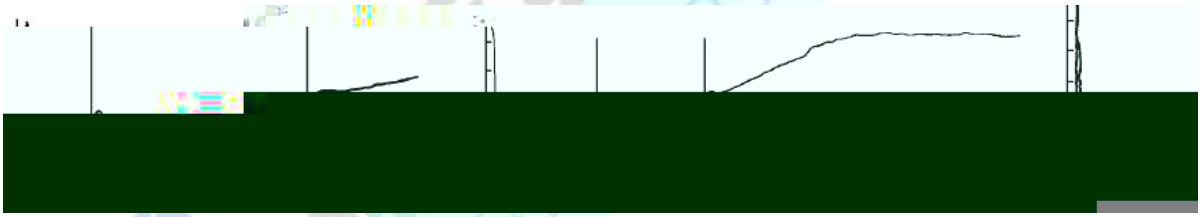


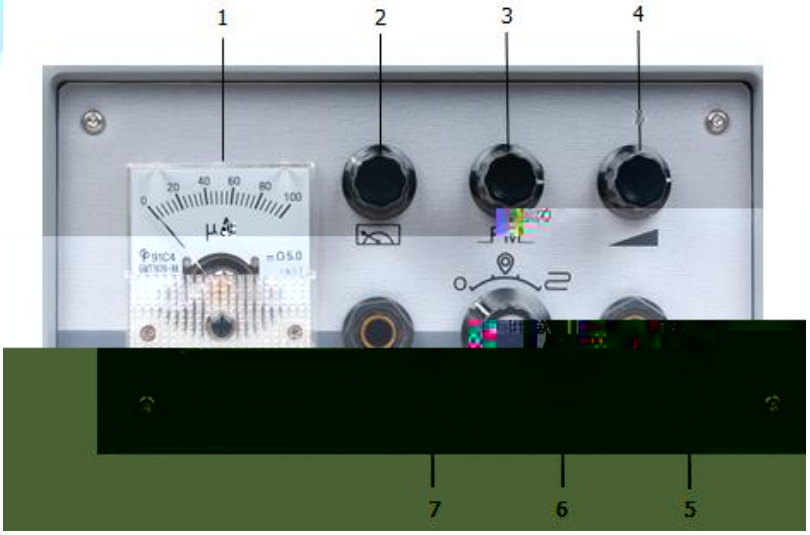


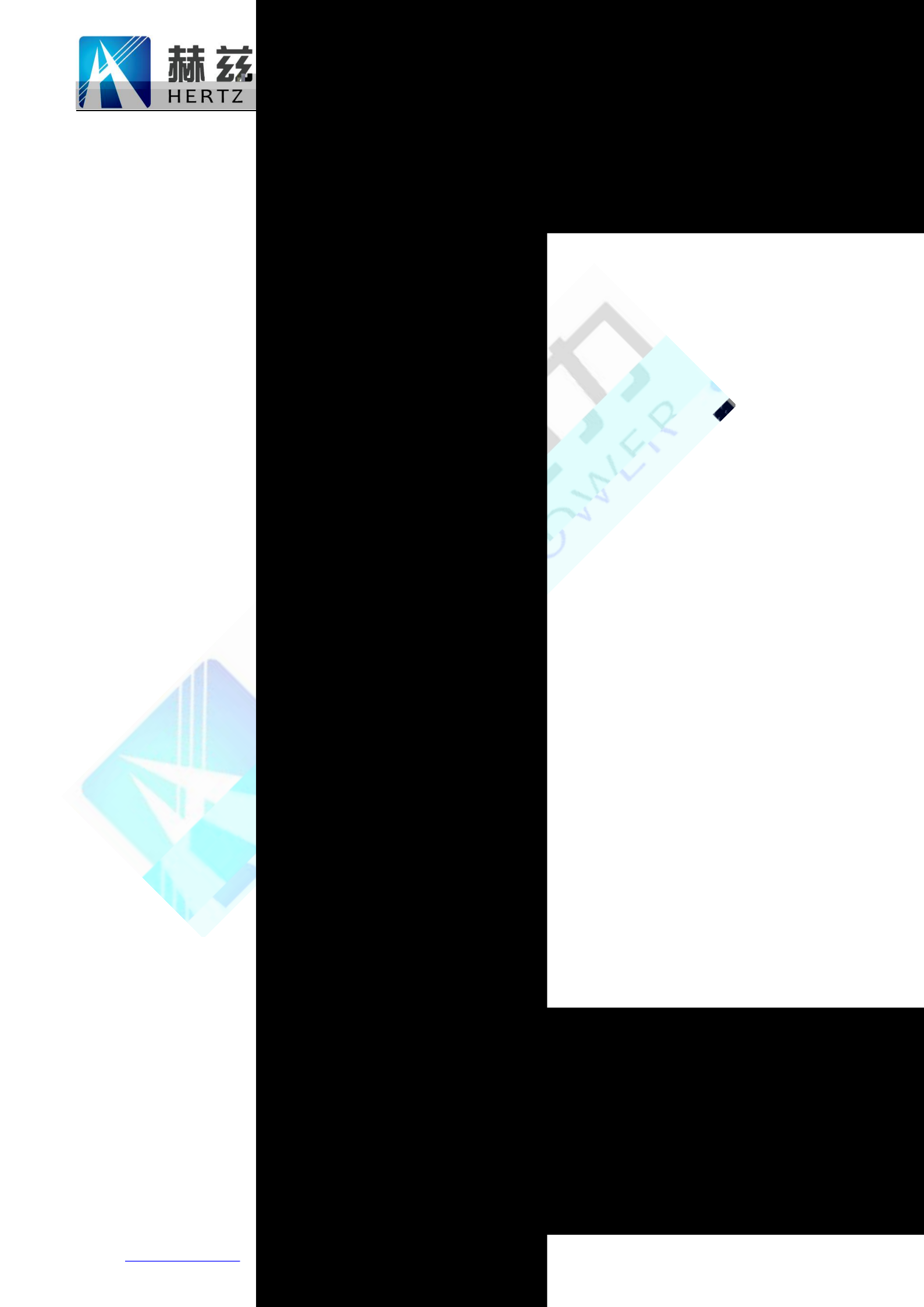




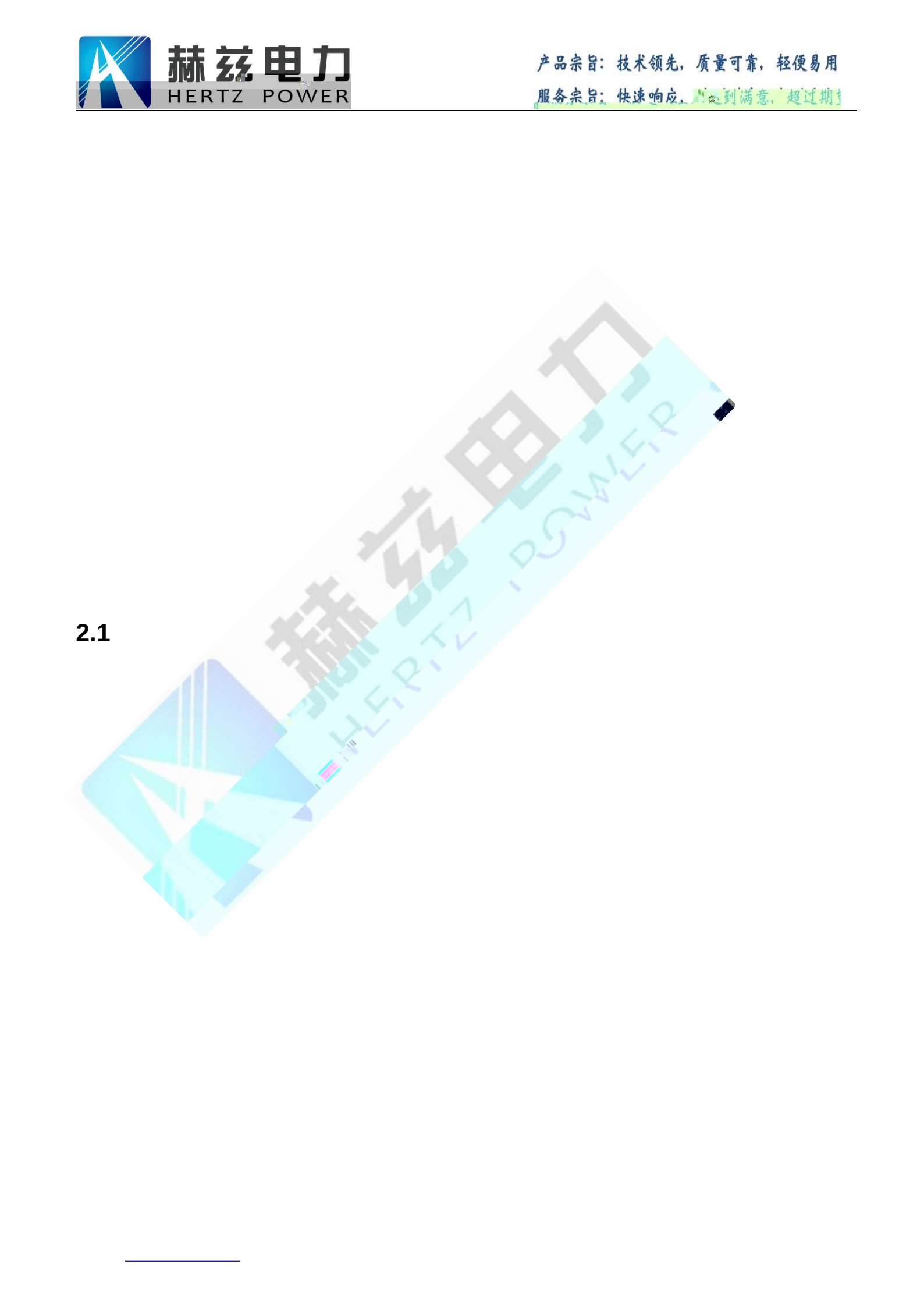
(a)




1
2
3
4
7
6
5



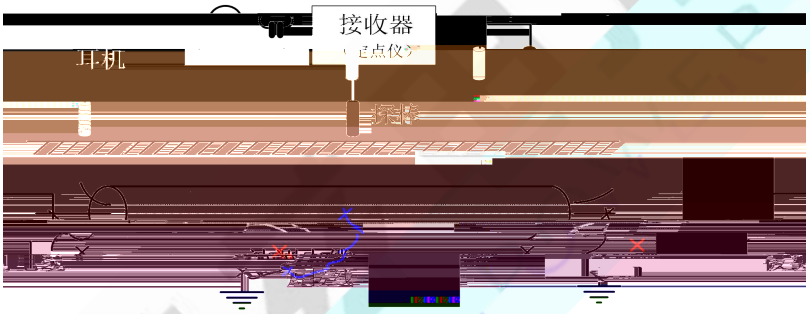




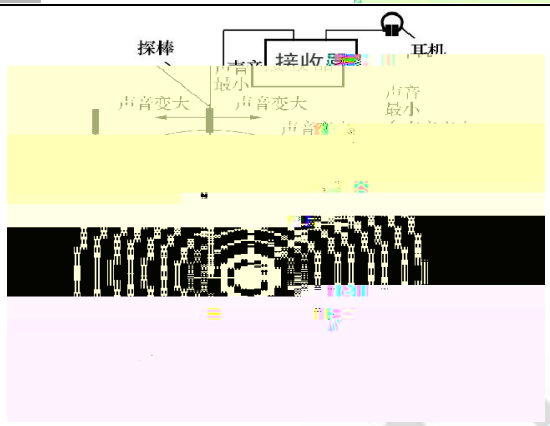
2.1

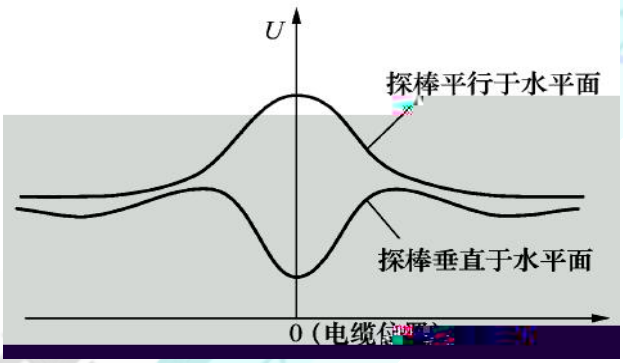






3.2


探棒
耳机
声音最小
声音变大
声音变大
声音最小


U
探棒平行于水平面
探棒垂直于水平面
0（电缆位置）



