

对于与8510有关的各种应用，
用户需要以编程方式删除开关错误术语。如何将8510开关错误术语代码移植到兼容的PNA代码呢？

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下文内容摘自从8510到PNA译码器之应用（“CxL”）。该摘录片段源于：**CxL显示日志 - 帮助 - 所选项帮助 - 转换问题 - 开关错误术语删除（CxLShow Log - Help - Selected Item Help - Translation Issues - Switch Error Terms Removal）**。

用户可使用同样的算法，以编程方式删除所有安捷伦网络分析仪的开关错误术语。然而，8510和8722可能需要额外的扫描、驱动端口编程和成反比例，以获得所需的结果。与此相反，借助于PNA，用户通过简单的编程命令，就能单独对所有所需测量比率直接访问。

有关如何在8510和8722中执行“开关错误术语删除”的详细信息，请参阅文件TRLREF2.RTF，文件所在网址为：<http://na.tm.agilent.com/misc/>。

以下8510命令用于实现“开关错误术语删除”。

USER3；选择用户参数3作为编程中的一项数值
DRIVPORT1；将驱动端口设为1
（连接到端口1的源可用于THRU测量）
LOCKA1；将相位锁设为a1波（最大信号将被引用）
NUMEB2；将分子设为b2波（不能将其设为a2，这样便于在今后将其反转）
DENO A2；将分母设为a2波
CONV1S；转换为1/(b2/a2)，结果为a2/b2

借助PNA，用户可通过一个单独的命令来选择等效测量。通过一个单独的命令，选择任意接收机作为分子和分母。

下文为使用上述命令从8150转换到一个等效PNA命令集的实例：

CALC1:PAR:DEL:ALL——删除PNA上的所有测量。
CALC1:PAR:DEF 'sw_term', R2B,1——创建一个测量‘sw_term’，但不显示它。
通道编号= 1
测量的名称= 'sw_term'
参数= R2B （= R2/B =基准接收机端口2到测试实例端口B）
端口=源端口，端口1
DISP:WIND1:TRAC1:FEED 'sw_term'——在迹线1中创建一条新迹线，并将测量‘sw_term’与窗口编号1相关联（反馈）。

执行上述过程的Keysight Vee程序的图像如下所示：

[Click here for a larger view](#)

