

Power Analyzer Norma 4000 / 5000 FW V1.4: Remote Control Changes

Remote control changes (lower case letters indicate the optional part of the command / parameter):

- To select the connection method W3 or W2:

ROUTe:SYSTem "3W"	Select W3 mode
ROUTe:SYSTem "2W"	Select W2 mode
ROUTe:SYSTem?	=> "3W" or "2W"

*RCL 1	Load W3 default configuration
*RCL 2	Load W2 default configuration

- To change the calculation method of P_c:

CALCulate:POWer:CORReCted STAR	Calculate from phase voltages
CALCulate:POWer:CORReCted DELTA	Calculate from ph2ph voltages
CALCulate:POWer:CORReCted?	=> STAR or DELT

- To program the source variables for the electrical efficiency calculation:

CALCulate:POWer:EFFiciency:REFeRence "Var1","Var2"	Calc POW:EFF = Var1 / Var2 [%]
CALCulate:POWer460:EFFiciency:REFeRence "Var3","Var4"	Calc POW460:EFF = Var3 / Var4 [%]
CALCulate:POWer:EFFiciency:REFeRence?	=> "Var1","Var2"
CALCulate:POWer460:EFFiciency:REFeRence?	=> "Var3","Var4"

Source variables Var1..4 can only be selected from POWER[1|2|3|4|5|6|460][:ACTive]. Both the broadband as well as the fundamental efficiency variables are available:

POWER[460]:EFFiciency, POWER[460]:EFFiciency:HARmonic

- In method W2 "VOLTage13" and "VOLTage23" must be used for memory recording of samples ([SENSe:]SWEep1:FUNCTion) instead of "VOLTage1" and "VOLTage2"

Important information for interaction with SW Fluke NormaVIEW:

- The current version of NormaVIEW is not compatible with connection method W2. When NormaVIEW is started, the factory configuration must be selected (= W3) or the method on the device must be set to W3 manually before connecting. Otherwise various error pop-up windows will show up and the program could even hang and/or crash.