

Command ADIFF2

PURPOSE Build 2-point differential of analyzer

PARAMETERS

AIN Source analyzer
/DEST(AOUT) Destination analyzer
/ONTO(AOUT) Alias for option /DEST
/OUT(AOUT) Alias for option /DEST

FUNCTION Build the spectrum of 2-point differences.
The contents y_{out} of the destination analyzer AOUT are determined from the contents y_{in} of the input analyzer AIN by the following relation: $(y_{out}(i) = \frac{1}{2} (y_{in}(i+1) - y_{in}(i)))$.

REMARKS The command supports error bars.
The result of the operation has 1 channel less than the input analyzer.
Note that the result of the [ADIFF](#) command is different!

EXAMPLE ADIFF2 AIN / DEST(AOUT)
Determine the spectrum of 2-point differences of analyzer AIN and store the result in the analyzer AOUT.