

MATLAB script: Import tools for MED Conductor data

1. medload.m: Data import from all 64 channel & one sweep.
(Command) data = medload(inFilename, DESIRED_TRACES, MEM_LIMIT)

(Argument)

inFilename: Data file name

DESIRED_TRACES:

Sweep number. If it's 'all', 'avg' or 'average', all the traces are loaded and averaged.

If it's '1:5', the traces from 1st to 5th are loaded and averaged. Default setting is '1'.

MEM_LIMIT: Limitation of memory for loading. Default setting is '10' [10 MB].

(Result) This command will load the data of each channel into data matrix.

2. medload1ch.m: Data import from one channel & one sweep.
(Command) data = medload1ch(inFilename, DESIRED_CH, DESIRED_TRACES, MEM_LIMIT)

(Argument)

inFilename: Data file name

DESIRED_CH: Channel number to focus

DESIRED_TRACES:

Sweep number. If it's 'all', 'avg' or 'average', all the traces are loaded and averaged.

If it's '1:5', the traces from 1st to 5th are loaded and averaged. Default setting is '1'.

MEM_LIMIT: Limitation of memory for loading. Default setting is '10' [10 MB].

(Result) This command will load the data of each channel into data matrix.