

File name descriptions.

.TXT = data for Amplitude (Linear magnitude), phase (degrees) or coherence (linear magnitude)

.X = data for Frequency

File name ended with

A = amplitude

P = Phase

CO or C = Coherence

1.1) Abbreviation used for file name

MNH = Marionette (V3, H1, H2, H3)

IMH = Intermediate Mass (V3, H1, H2, H3)

MNIM = Marionette (V1, V2)/Intermediate mass (V1, V2)

TM = Test Mass (H1, H2, H3, H4)

AA = AA chassis for Suspension system

AI = AI chassis for Suspension system

PCAA =PCal AA chassis

PCAI =PCal AI chassis

1.2) Meaning of numbers in file name

For coil driver

The first number refers to BIO state for turning low pass filter on and off.

1 = Low pass filter off

2 = Low pass filter on

For AA/AI chassis

Each input/output have 4 channels and since AA/AI doesn't have bio state, we set the first number to represent the input/output number instead.

1 = Input 1~4

2 = Input 5~8 and so on..

Second number

The second number refers to Channel we measured.

1 = Channel 1

2 = Channel 2

3 = Channel 3

4 = Channel 4

Examples:

File name: IMHY23CO.TXT

>> IMH chassis, Y-end, state 2 (LP on), channel 3, coherence.

File name: AIX42A.TXT

>> AI chassis, X-end, input 13~16, channel 2, amplitude.

File name: PCAAX21P.TXT

>> Pcal AA chassis, X-end, input 5~8, channel 1, phase.

Ref File

Reference here refers to the measurement taken when connecting Single ended and differential board directly to spectrum analyzer without connecting to coil driver or AA/AI chassis.

Filename of reference follows the similar format.

Examples:

File name: REF2A.TXT

>> Reference, Channel 2, amplitude.

NOTE: Should any filename doesn't follow this format, please check the Readme inside the data directory.