**Key comparison CCAUV.V-K2**
**DEVICE : Single-Ended Accelerometer**
**MEASURAND : Phase**
**FREQUENCIES : 10 Hz, 40 Hz, 80 Hz, 160 Hz, 800 Hz, 2 kHz, 5 kHz and 10 kHz**

**The laboratories' individual measurement may be found in Section 7.2.1 of the Final Report (starting page 18).**

**The computation of the key comparison reference value, $x_R$, and of its expanded uncertainty ($k = 2$), $U_R$, is explained in Section 8 of the Final Report.**

| 10 Hz | |
|---|---|
| $x_R$ | $U_R$ |
| / ° | / ° |
| 0.012 | 0.107 |

| 40 Hz | |
|---|---|
| $x_R$ | $U_R$ |
| / ° | / ° |
| -0.011 | 0.103 |

| 80 Hz | |
|---|---|
| $x_R$ | $U_R$ |
| / ° | / ° |
| -0.018 | 0.104 |

| 160 Hz | |
|---|---|
| $x_R$ | $U_R$ |
| / ° | / ° |
| -0.020 | 0.104 |

| 800 Hz | |
|---|---|
| $x_R$ | $U_R$ |
| / ° | / ° |
| -0.028 | 0.100 |

| 2 kHz | |
|---|---|
| $x_R$ | $U_R$ |
| / ° | / ° |
| -0.103 | 0.120 |

| 5 kHz | |
|---|---|
| $x_R$ | $U_R$ |
| / ° | / ° |
| -0.108 | 0.152 |

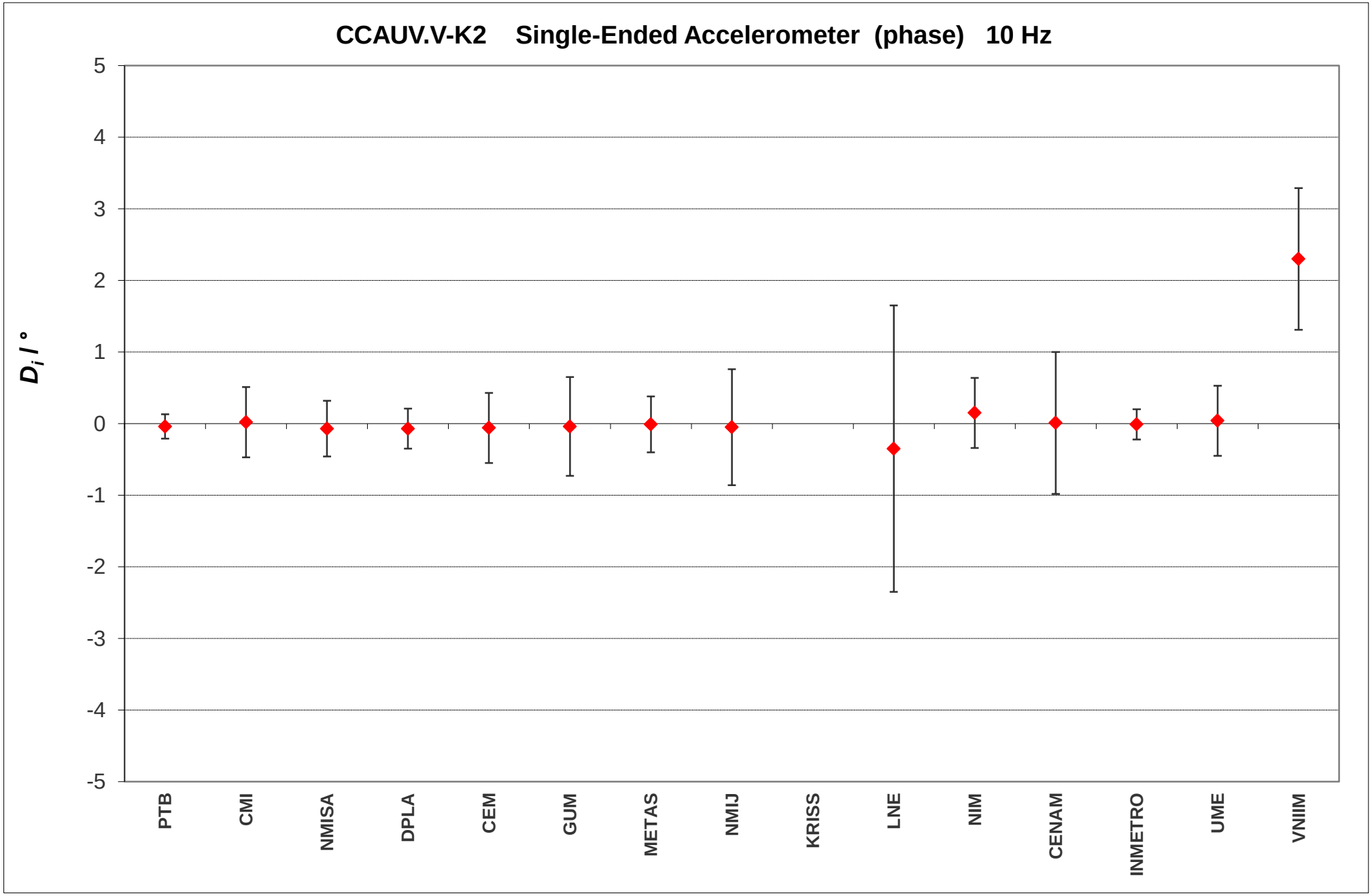
| 10 kHz | |
|---|---|
| $x_R$ | $U_R$ |
| / ° | / ° |
| 0.038 | 0.206 |

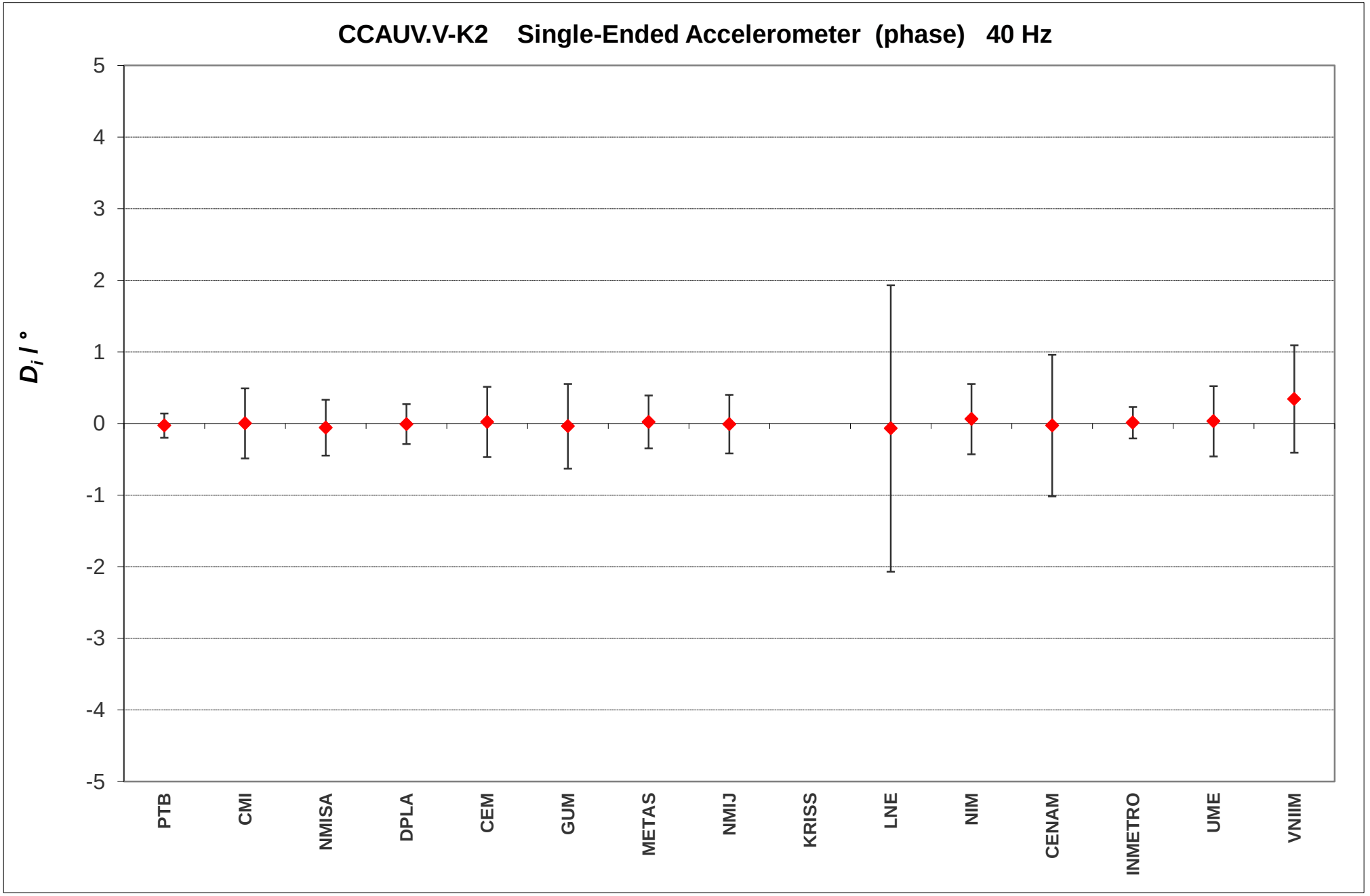
**The degree of equivalence of laboratory $i$ with respect to the key comparison reference value is given by a pair of terms: $D_i$ and its expanded uncertainty ($k = 2$), $U_i$, computed as explained in Section 8 of the Final Report.**

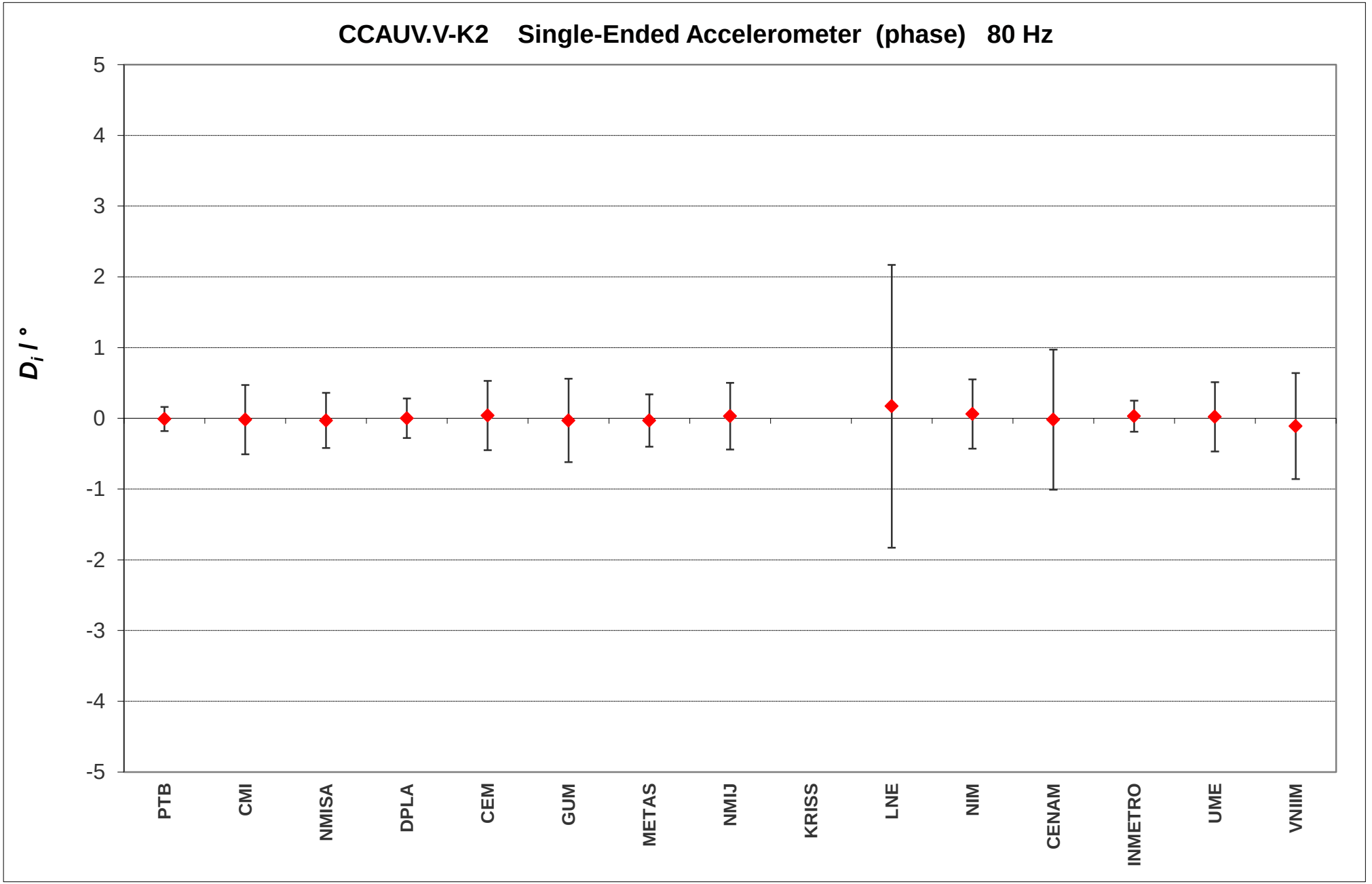
**The pair-wise degrees of equivalence are available from the Final Report starting on page 58.**

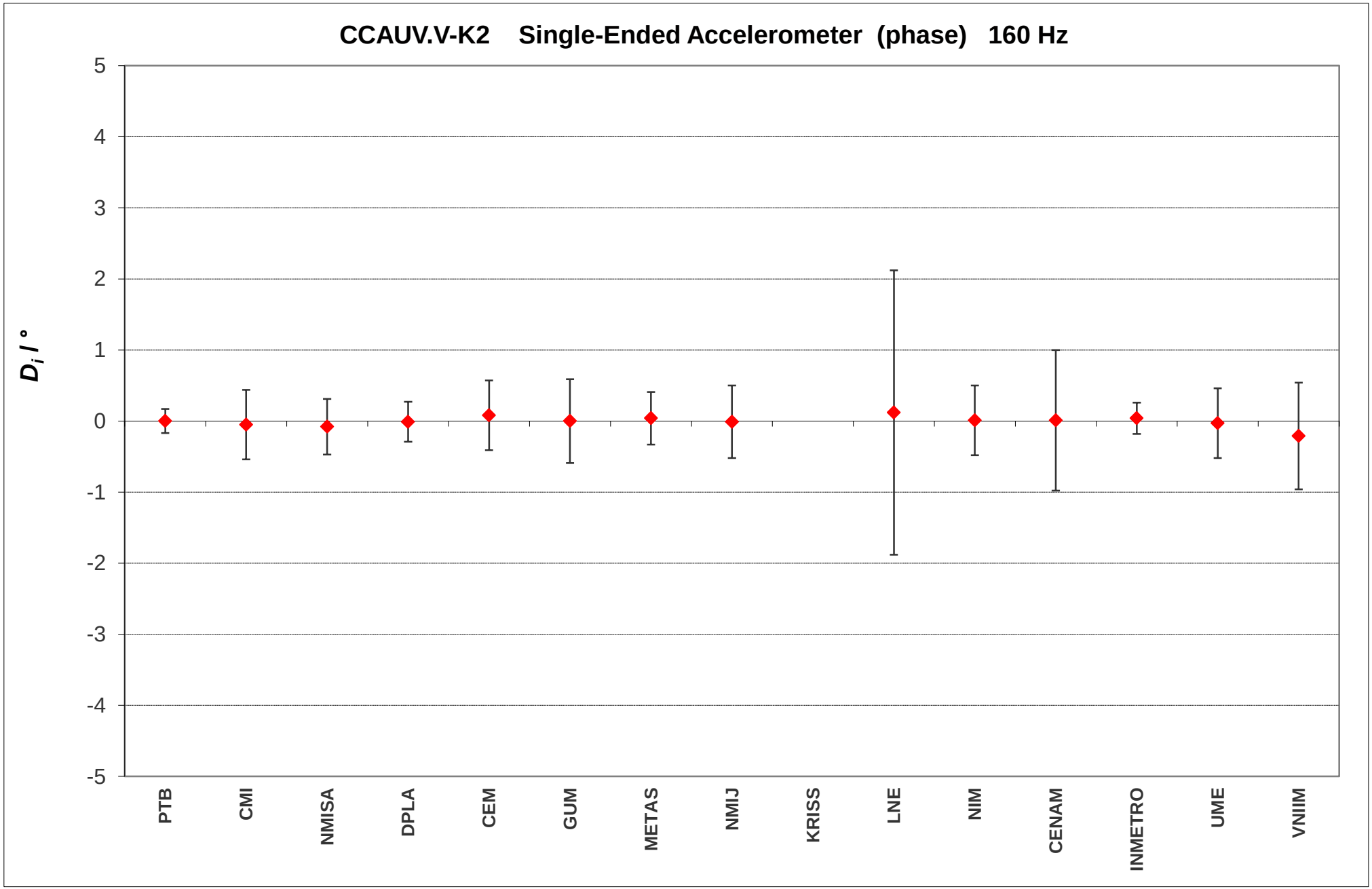
**Key comparison CCAUV.V-K2**
**DEVICE : Single-Ended Accelerometer**
**MEASURAND : Phase**
**FREQUENCIES : 10 Hz, 40 Hz, 80 Hz, 160 Hz, 800 Hz, 2 kHz, 5 kHz and 10 kHz**

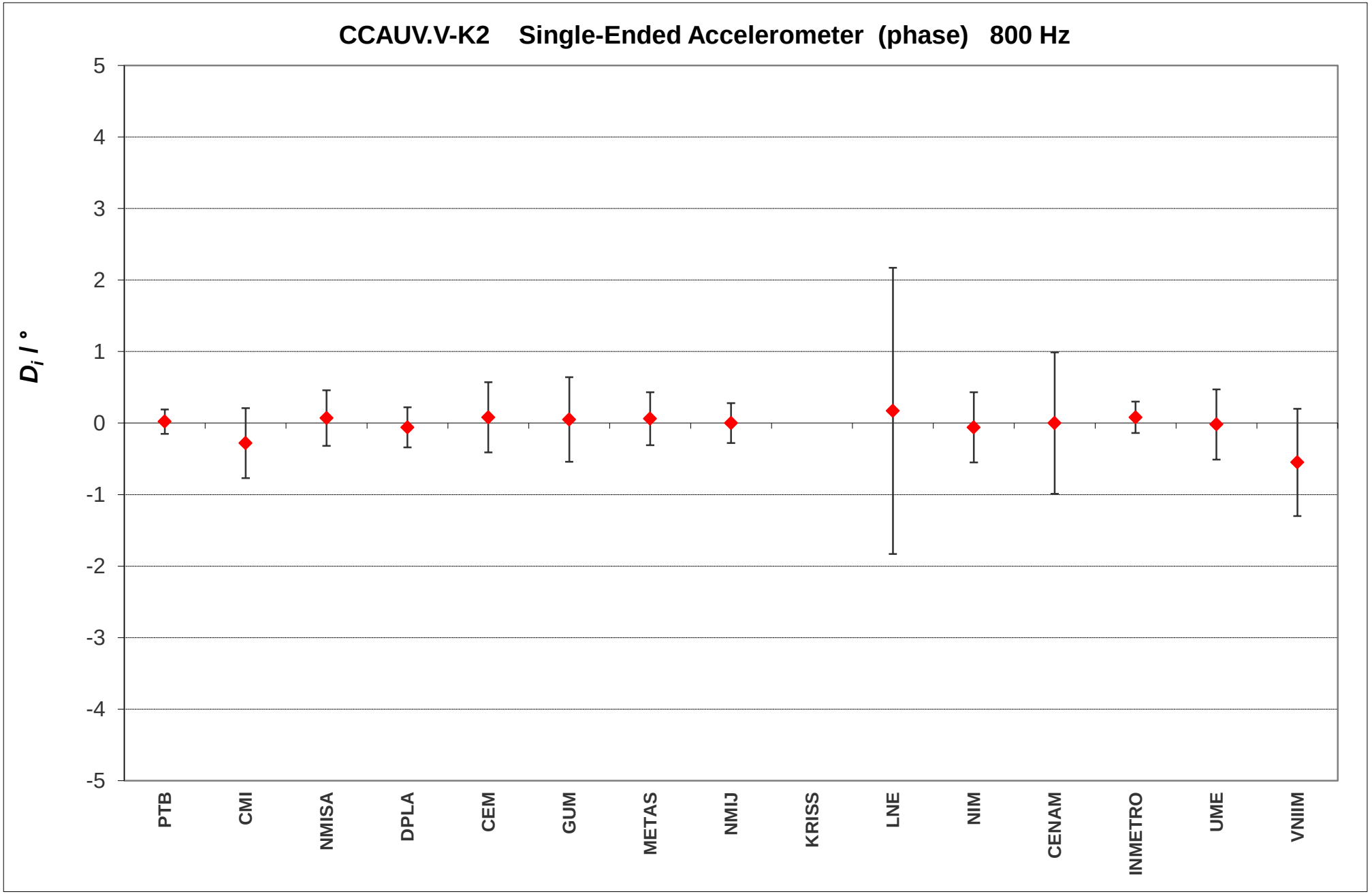
| Lab *i* ⇩ | 10 Hz | | 40 Hz | | 80 Hz | | 160 Hz | | 800 Hz | | 2 kHz | | 5 kHz | | 10 kHz | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $D_i$ / ° | $U_i$ / ° | $D_i$ / ° | $U_i$ / ° | $D_i$ / ° | $U_i$ / ° | $D_i$ / ° | $U_i$ / ° | $D_i$ / ° | $U_i$ / ° | $D_i$ / ° | $U_i$ / ° | $D_i$ / ° | $U_i$ / ° | $D_i$ / ° | $U_i$ / ° |
| PTB | **-0.04** | 0.17 | **-0.03** | 0.17 | **-0.01** | 0.17 | **0.00** | 0.17 | **0.02** | 0.17 | **0.06** | 0.49 | **-0.02** | 0.48 | **-0.29** | 0.46 |
| CMI | **0.02** | 0.49 | **0.00** | 0.49 | **-0.02** | 0.49 | **-0.05** | 0.49 | **-0.28** | 0.49 | **-0.59** | 0.49 | **-1.43** | 0.52 | **-2.81** | 0.54 |
| NMISA | **-0.07** | 0.39 | **-0.06** | 0.39 | **-0.03** | 0.39 | **-0.08** | 0.39 | **0.07** | 0.39 | **0.22** | 0.49 | **0.42** | 0.79 | **0.57** | 0.77 |
| DPLA | **-0.07** | 0.28 | **-0.01** | 0.28 | **0.00** | 0.28 | **-0.01** | 0.28 | **-0.06** | 0.28 | **-0.12** | 0.27 | **-0.32** | 0.26 | **-0.68** | 0.98 |
| CEM | **-0.06** | 0.49 | **0.02** | 0.49 | **0.04** | 0.49 | **0.08** | 0.49 | **0.08** | 0.49 | **0.18** | 0.99 | **0.25** | 0.99 | **0.04** | 0.98 |
| GUM | **-0.04** | 0.69 | **-0.04** | 0.59 | **-0.03** | 0.59 | **0.00** | 0.59 | **0.05** | 0.59 | **0.19** | 0.59 | **0.27** | 0.79 | **0.13** | 0.98 |
| METAS | **-0.01** | 0.39 | **0.02** | 0.37 | **-0.03** | 0.37 | **0.04** | 0.37 | **0.06** | 0.37 | **0.13** | 0.46 | **0.19** | 0.46 | **-0.25** | 0.83 |
| NMIJ | **-0.05** | 0.81 | **-0.01** | 0.41 | **0.03** | 0.47 | **-0.01** | 0.51 | **0.00** | 0.28 | **-0.03** | 0.25 | **0.15** | 0.24 | **0.19** | 0.22 |
| KRISS | | | | | | | | | | | | | | | | |
| LNE | **-0.35** | 2.00 | **-0.07** | 2.00 | **0.17** | 2.00 | **0.12** | 2.00 | **0.17** | 2.00 | **0.48** | 5.00 | **1.08** | 5.00 | **1.98** | 5.00 |
| NIM | **0.15** | 0.49 | **0.06** | 0.49 | **0.06** | 0.49 | **0.01** | 0.49 | **-0.06** | 0.49 | **-0.20** | 0.49 | **-0.64** | 0.52 | **-1.53** | 1.02 |
| CENAM | **0.01** | 0.99 | **-0.03** | 0.99 | **-0.02** | 0.99 | **0.01** | 0.99 | **0.00** | 0.99 | **0.00** | 0.99 | **-0.13** | 0.99 | **-0.33** | 0.98 |
| INMETRO | **-0.01** | 0.21 | **0.01** | 0.22 | **0.03** | 0.22 | **0.04** | 0.22 | **0.08** | 0.22 | **0.20** | 0.21 | **0.38** | 0.48 | **0.05** | 0.98 |
| UME | **0.04** | 0.49 | **0.03** | 0.49 | **0.02** | 0.49 | **-0.03** | 0.49 | **-0.02** | 0.49 | **-0.16** | 0.99 | **-0.86** | 0.99 | **-1.91** | 1.49 |
| VNIIM | **2.30** | 0.99 | **0.34** | 0.75 | **-0.11** | 0.75 | **-0.21** | 0.75 | **-0.55** | 0.75 | **-0.62** | 0.75 | **-0.93** | 0.99 | **-3.74** | 1.51 |

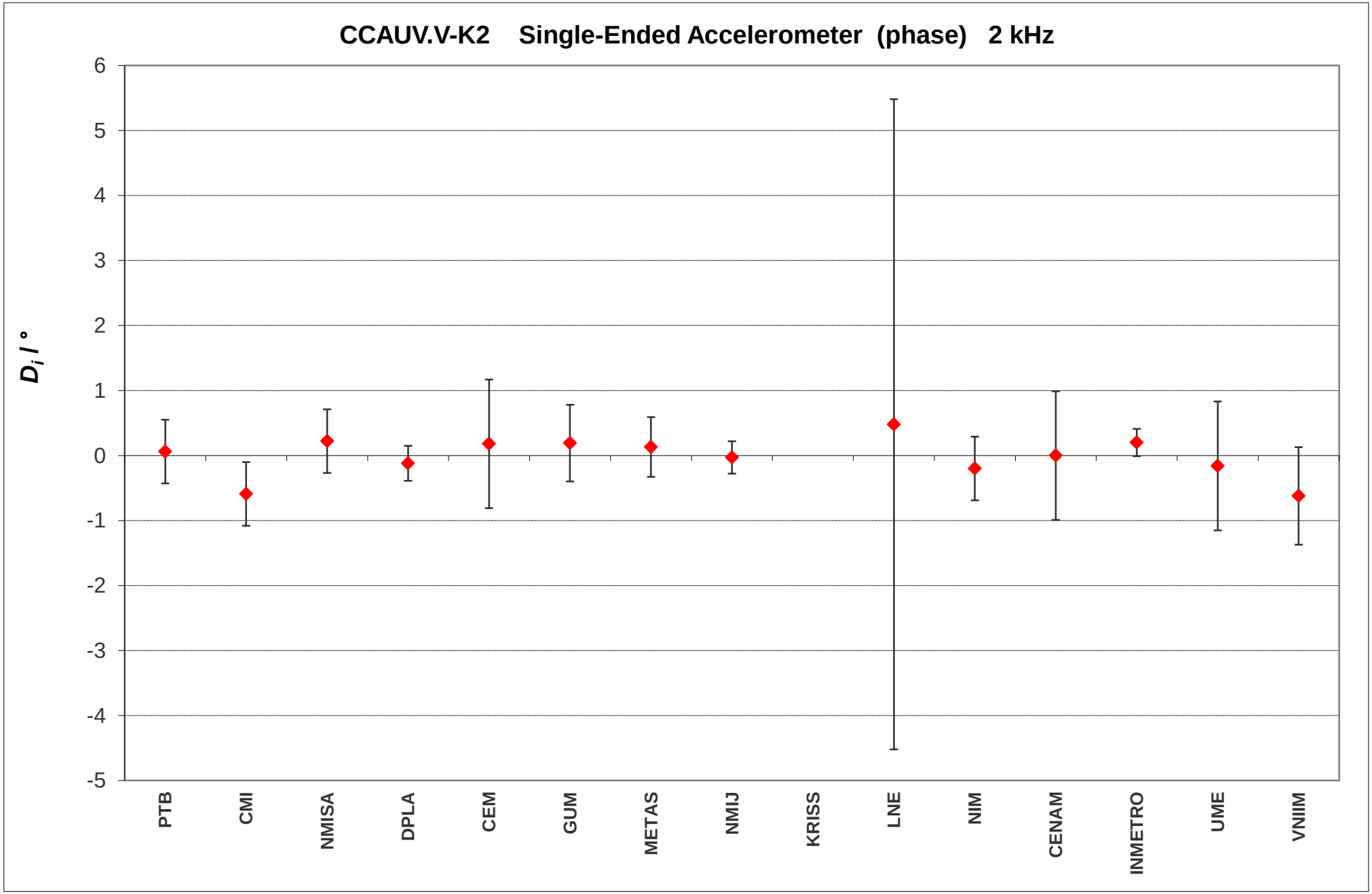

CCAUV.V-K2 Single-Ended Accelerometer (phase) 10 Hz
$D_i$ / °
5
4
3
2
1
0
-1
-2
-3
-4
-5
PTB
CMI
NMISA
DPLA
CEM
GUM
METAS
NMIJ
KRISS
LNE
NIM
CENAM
INMETRO
UME
VNIIM

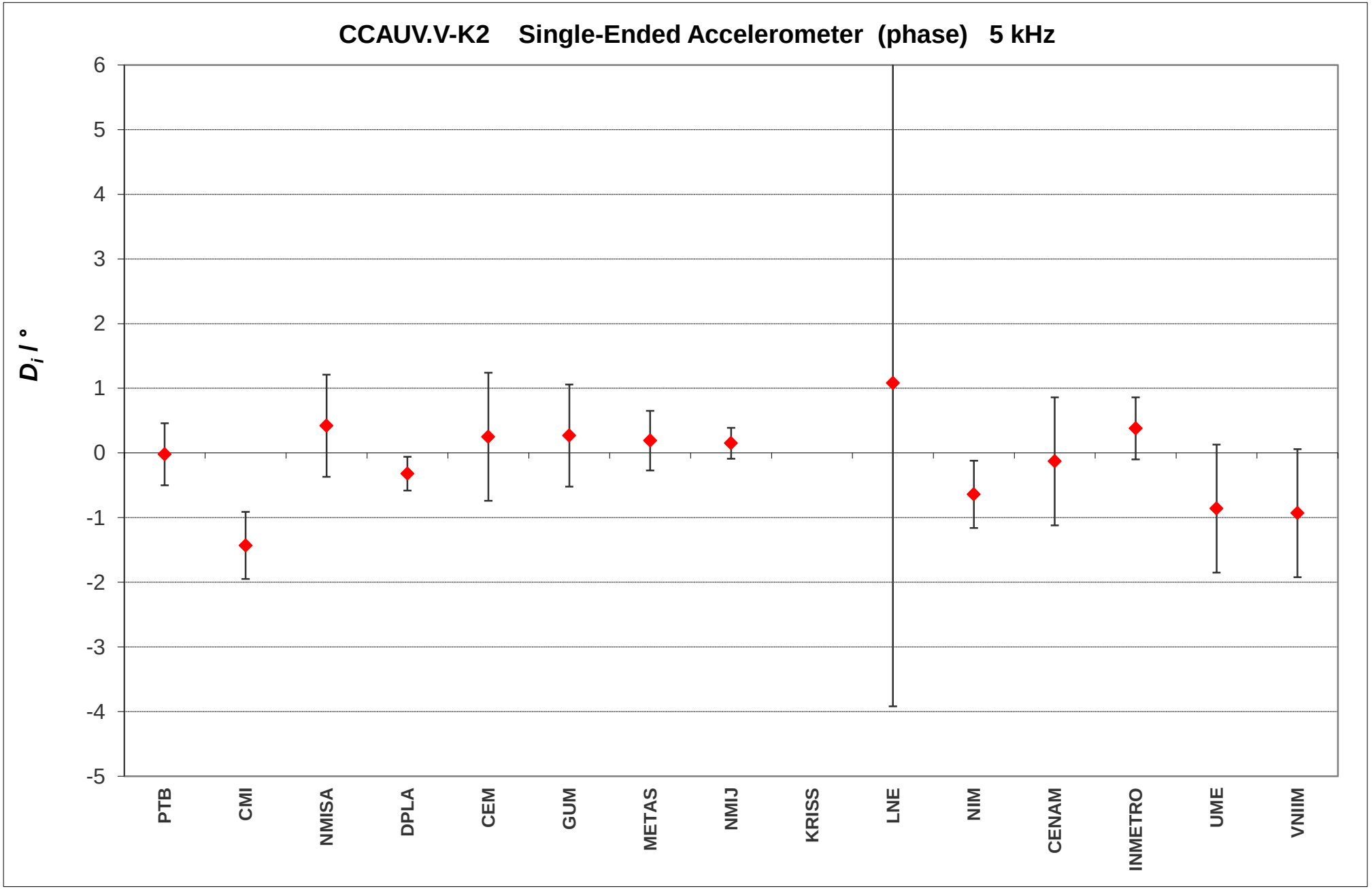

CCAUV.V-K2 Single-Ended Accelerometer (phase) 40 Hz
$D_i$ / °
5
4
3
2
1
0
-1
-2
-3
-4
-5
PTB
CMI
NMISA
DPLA
CEM
GUM
METAS
NMIJ
KRISS
LNE
NIM
CENAM
INMETRO
UME
VNIIM

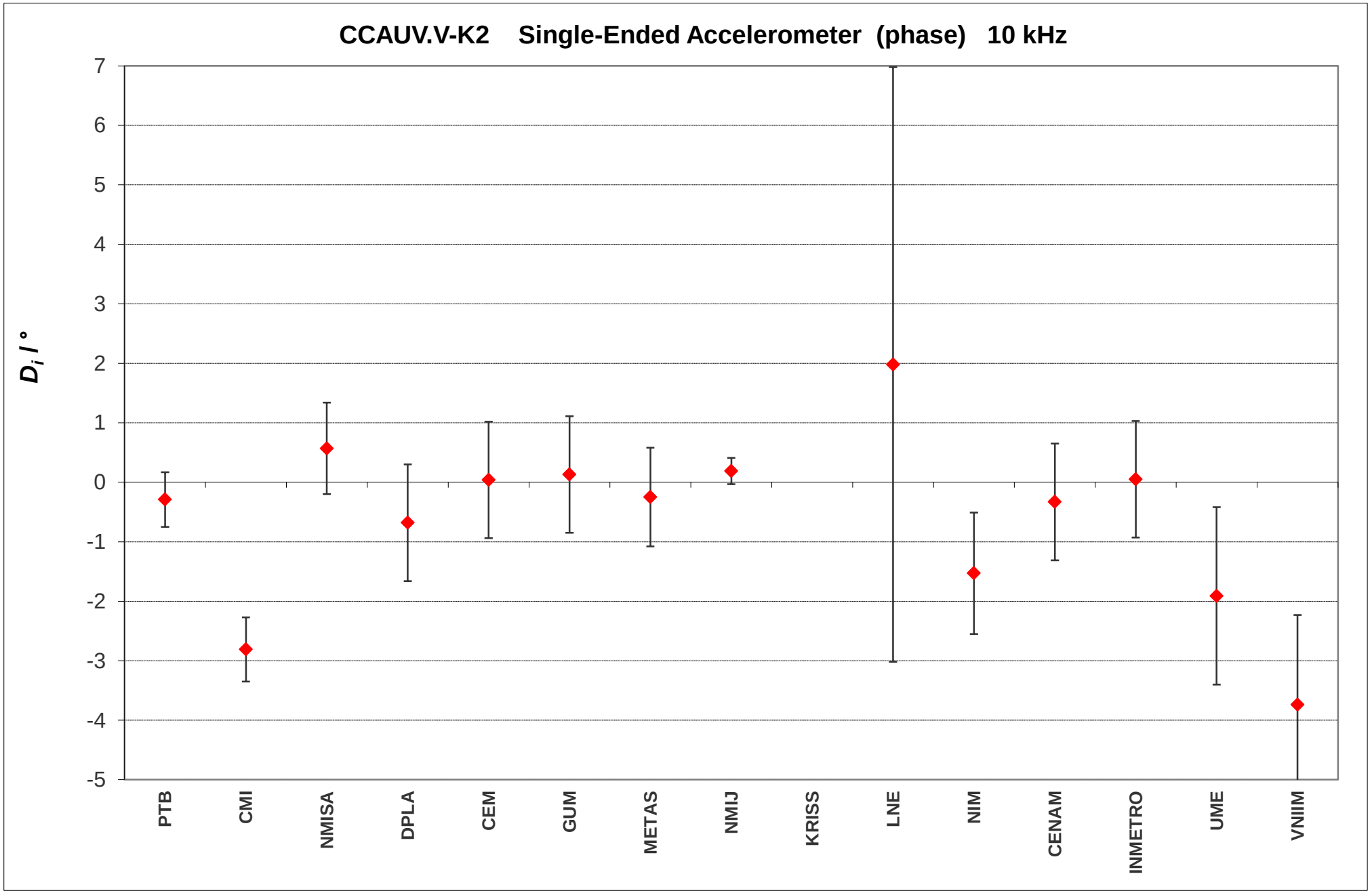

CCAUV.V-K2 Single-Ended Accelerometer (phase) 80 Hz
$D_i$ / °
5
4
3
2
1
0
-1
-2
-3
-4
-5
PTB
CMI
NMISA
DPLA
CEM
GUM
METAS
NMIJ
KRISS
LNE
NIM
CENAM
INMETRO
UME
VNIIM


CCAUV.V-K2 Single-Ended Accelerometer (phase) 160 Hz
$D_i$ / °
5
4
3
2
1
0
-1
-2
-3
-4
-5
PTB
CMI
NMISA
DPLA
CEM
GUM
METAS
NMIJ
KRISS
LNE
NIM
CENAM
INMETRO
UME
VNIIM


CCAUV.V-K2 Single-Ended Accelerometer (phase) 800 Hz
$D_i$ / °
5
4
3
2
1
0
-1
-2
-3
-4
-5
PTB
CMI
NMISA
DPLA
CEM
GUM
METAS
NMIJ
KRISS
LNE
NIM
CENAM
INMETRO
UME
VNIIM


CCAUV.V-K2 Single-Ended Accelerometer (phase) 2 kHz
$D_i$ / °
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
PTB
CMI
NMISA
DPLA
CEM
GUM
METAS
NMIJ
KRISS
LNE
NIM
CENAM
INMETRO
UME
VNIIM


CCAUV.V-K2 Single-Ended Accelerometer (phase) 5 kHz
$D_i$ / °
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
PTB
CMI
NMISA
DPLA
CEM
GUM
METAS
NMIJ
KRISS
LNE
NIM
CENAM
INMETRO
UME
VNIIM


CCAUV.V-K2 Single-Ended Accelerometer (phase) 10 kHz
$D_i$ / °
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
PTB
CMI
NMISA
DPLA
CEM
GUM
METAS
NMIJ
KRISS
LNE
NIM
CENAM
INMETRO
UME
VNIIM