CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, APMP.AUV.A-K3.1, and APMP.AUV.A-K3
Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

x_i : **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
Results from LNE have been corrected for nominal frequencies as described in section 3.2 of the Final Report.

u_i : **combined standard uncertainty of x_i**

Microphone: **1395456**

Frequency ⇨ / Lab *i* ⇩	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB
CENAM	**-38.35**	0.05	**-38.38**	0.05	**-38.40**	0.06	**-38.43**	0.06	**-38.45**	0.06	**-38.46**	0.06	**-38.44**	0.06	**-38.32**	0.06
DPLA	**-38.378**	0.08	**-38.408**	0.04	**-38.436**	0.03	**-38.459**	0.03	**-38.479**	0.03	**-38.489**	0.03	**-38.470**	0.03	**-38.342**	0.03
GUM	**-**	**-**	**-38.43**	0.05	**-38.45**	0.05	**-38.46**	0.05	**-38.49**	0.05	**-38.49**	0.05	**-38.47**	0.05	**-38.34**	0.05
KRISS	**-38.369**	0.06	**-38.393**	0.04	**-38.418**	0.03	**-38.441**	0.03	**-38.460**	0.03	**-38.471**	0.03	**-38.452**	0.03	**-38.317**	0.03
LNE	**-38.365**	0.042	**-38.387**	0.034	**-38.413**	0.031	**-38.436**	0.030	**-38.456**	0.030	**-38.468**	0.031	**-38.449**	0.033	**-38.321**	0.040
NIST	**-38.366**	0.08	**-38.399**	0.06	**-38.427**	0.06	**-38.454**	0.04	**-38.476**	0.04	**-38.488**	0.04	**-38.472**	0.04	**-38.347**	0.04
NMIJ	**-38.39**	0.30	**-38.42**	0.10	**-38.45**	0.09	**-38.47**	0.09	**-38.50**	0.09	**-38.51**	0.09	**-38.49**	0.09	**-38.36**	0.09
NPL	**-38.36**	0.06	**-38.41**	0.03	**-38.44**	0.03	**-38.46**	0.03	**-38.48**	0.03	**-38.48**	0.03	**-38.47**	0.03	**-38.34**	0.03
PTB	**-38.37**	0.04	**-38.40**	0.04	**-38.43**	0.04	**-38.45**	0.04	**-38.47**	0.04	**-38.48**	0.04	**-38.46**	0.04	**-38.33**	0.04

Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

x_i : **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
Results from LNE have been corrected for nominal frequencies as described in section 3.2 of the Final Report.

u_i : **combined standard uncertainty of x_i**

Microphone: **1395456**

Frequency ⇨ / Lab *i* ⇩	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB
CENAM	**-38.07**	0.06	**-37.84**	0.05	**-37.56**	0.05	**-37.33**	0.05	**-37.59**	0.07	**-39.09**	0.17	**-41.77**	0.21	**-44.76**	0.37
DPLA	**-38.085**	0.03	**-37.851**	0.03	**-37.567**	0.03	**-37.322**	0.04	**-37.559**	0.05	**-39.050**	0.08	**-41.764**	0.14	**-44.687**	0.20
GUM	**-38.10**	0.05	**-37.86**	0.06	**-37.57**	0.07	**-37.33**	0.08	**-37.59**	0.09	**-39.15**	0.17	**-**	**-**	**-**	**-**
KRISS	**-38.066**	0.03	**-37.829**	0.03	**-37.548**	0.04	**-37.311**	0.05	**-37.574**	0.06	**-39.042**	0.08	**-41.677**	0.20	**-46.113**	1.20
LNE	**-38.069**	0.052	**-37.832**	0.063	**-37.549**	0.080	**-37.313**	0.100	**-37.566**	0.140	**-39.015**	0.190	**-41.556**	0.290	**-47.045**	0.820
NIST	**-38.102**	0.05	**-37.873**	0.05	**-37.598**	0.06	**-37.368**	0.06	**-37.650**	0.08	**-39.170**	0.13	**-41.879**	0.26	**-**	**-**
NMIJ	**-38.10**	0.09	**-37.85**	0.09	**-37.57**	0.09	**-37.33**	0.09	**-37.59**	0.09	**-39.07**	0.15	**-41.69**	0.19	**-46.43**	0.67
NPL	**-38.09**	0.04	**-37.86**	0.05	**-37.58**	0.06	**-37.34**	0.08	**-37.58**	0.10	**-39.07**	0.18	**-42.28**	0.66	**-45.40**	0.75
PTB	**-38.08**	0.04	**-37.85**	0.04	**-37.57**	0.06	**-37.32**	0.08	**-37.60**	0.12	**-39.08**	0.12	**-41.84**	0.15	**-**	**-**

Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

x_i : **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
Results from LNE have been corrected for nominal frequencies as described in section 3.2 of the Final Report.

u_i : **combined standard uncertainty of x_i**

Microphone: **1627783**

Frequency ⇨	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
Lab *i* ⇩	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB
CENAM	**-38.75**	0.05	**-38.74**	0.05	**-38.75**	0.06	**-38.76**	0.06	**-38.77**	0.06	**-38.77**	0.06	**-38.75**	0.06	**-38.64**	0.06
DPLA	**-38.724**	0.08	**-38.741**	0.04	**-38.757**	0.03	**-38.771**	0.03	**-38.779**	0.03	**-38.780**	0.03	**-38.758**	0.03	**-38.653**	0.03
GUM	**-**	-	**-38.78**	0.05	**-38.79**	0.05	**-38.79**	0.05	**-38.79**	0.05	**-38.80**	0.05	**-38.77**	0.05	**-38.67**	0.05
KRISS	**-38.725**	0.06	**-38.734**	0.04	**-38.747**	0.03	**-38.760**	0.03	**-38.768**	0.03	**-38.769**	0.03	**-38.747**	0.03	**-38.635**	0.03
LNE	**-38.709**	0.042	**-38.725**	0.034	**-38.738**	0.031	**-38.750**	0.030	**-38.760**	0.030	**-38.762**	0.031	**-38.740**	0.033	**-38.635**	0.040
NIST	**-38.713**	0.08	**-38.736**	0.06	**-38.752**	0.06	**-38.765**	0.04	**-38.775**	0.04	**-38.777**	0.04	**-38.756**	0.04	**-38.649**	0.04
NMIJ	**-38.74**	0.30	**-38.75**	0.10	**-38.77**	0.09	**-38.78**	0.09	**-38.79**	0.09	**-38.80**	0.09	**-38.77**	0.09	**-38.67**	0.09
NPL	**-38.72**	0.06	**-38.74**	0.03	**-38.75**	0.03	**-38.77**	0.03	**-38.77**	0.03	**-38.77**	0.03	**-38.75**	0.03	**-38.65**	0.03
PTB	**-38.72**	0.04	**-38.73**	0.04	**-38.75**	0.04	**-38.76**	0.04	**-38.77**	0.04	**-38.77**	0.04	**-38.75**	0.04	**-38.65**	0.04

Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

x_i : **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
Results from LNE have been corrected for nominal frequencies as described in section 3.2 of the Final Report.

u_i : **combined standard uncertainty of x_i**

Microphone: **1627783**

Frequency ⇨ / Lab *i* ⇩	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB
CENAM	**-38.45**	0.06	**-38.28**	0.05	**-38.09**	0.05	**-37.95**	0.05	**-38.22**	0.07	**-39.45**	0.17	**-41.68**	0.21	**-44.39**	0.37
DPLA	**-38.457**	0.03	**-38.290**	0.03	**-38.095**	0.03	**-37.958**	0.04	**-38.210**	0.05	**-39.438**	0.08	**-41.716**	0.14	**-44.443**	0.20
GUM	**-38.48**	0.05	**-38.30**	0.06	**-38.10**	0.07	**-37.95**	0.08	**-38.21**	0.09	**-39.47**	0.17	**-**	**-**	**-**	**-**
KRISS	**-38.442**	0.03	**-38.267**	0.03	**-38.075**	0.04	**-37.944**	0.05	**-38.231**	0.06	**-39.429**	0.08	**-41.664**	0.20	**-45.585**	1.20
LNE	**-38.434**	0.052	**-38.263**	0.063	**-38.068**	0.080	**-37.926**	0.100	**-38.200**	0.140	**-39.447**	0.190	**-41.816**	0.290	**-45.250**	0.820
NIST	**-38.460**	0.05	**-38.293**	0.05	**-38.102**	0.06	**-37.978**	0.06	**-38.294**	0.08	**-39.512**	0.13	**-41.724**	0.26	**-**	**-**
NMIJ	**-38.46**	0.09	**-38.27**	0.09	**-38.08**	0.09	**-37.95**	0.09	**-38.23**	0.09	**-39.43**	0.15	**-41.72**	0.19	**-46.07**	0.67
NPL	**-38.45**	0.04	**-38.29**	0.05	**-38.10**	0.06	**-37.96**	0.08	**-38.22**	0.10	**-39.37**	0.18	**-41.64**	0.66	**-45.13**	0.75
PTB	**-38.46**	0.04	**-38.29**	0.04	**-38.10**	0.06	**-37.97**	0.08	**-38.25**	0.12	**-39.45**	0.12	**-41.74**	0.15	**-**	**-**

Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

x_i : **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
Results from NIM and INMETRO have been corrected for nominal frequencies as described in section 3.2 of the Final Report.

u_i : **combined standard uncertainty of x_i**

Microphone: **1124046**

Frequency ⇨	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
Lab *i* ⇩	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB
CENAM	**-38.038**	0.05	**-38.054**	0.05	**-38.066**	0.06	**-38.076**	0.06	**-38.081**	0.06	**-38.082**	0.06	**-38.064**	0.06	**-37.979**	0.06
NMIA	**-38.06**	0.06	**-38.08**	0.04	**-38.09**	0.04	**-38.10**	0.04	**-38.11**	0.04	**-38.11**	0.04	**-38.09**	0.04	**-38.00**	0.04
DPLA	**-38.056**	0.08	**-38.079**	0.04	**-38.092**	0.03	**-38.103**	0.03	**-38.108**	0.03	**-38.107**	0.03	**-38.088**	0.03	**-38.003**	0.03
INMETRO	**-38.057**	0.059	**-38.078**	0.046	**-38.093**	0.046	**-38.103**	0.045	**-38.108**	0.045	**-38.108**	0.045	**-38.088**	0.045	**-38.001**	0.045
NIM	**-38.065**	0.08	**-38.086**	0.05	**-38.102**	0.05	**-38.112**	0.05	**-38.118**	0.05	**-38.118**	0.05	**-38.099**	0.05	**-38.014**	0.05
NRC	**-**	-	**-38.084**	0.05	**-38.097**	0.05	**-38.109**	0.04	**-38.116**	0.04	**-38.116**	0.04	**-38.099**	0.04	**-38.019**	0.04
UME	**-38.050**	0.08	**-38.073**	0.08	**-38.087**	0.08	**-38.098**	0.08	**-38.104**	0.08	**-38.104**	0.08	**-38.085**	0.08	**-37.998**	0.08
VNIIFTRI	**-38.08**	0.14	**-38.09**	0.07	**-38.11**	0.04	**-38.12**	0.04	**-38.12**	0.04	**-38.12**	0.04	**-38.10**	0.04	**-38.02**	0.04
DPLA*	**-38.069**	0.08	**-38.091**	0.04	**-38.105**	0.03	**-38.114**	0.03	**-38.118**	0.03	**-38.116**	0.03	**-38.098**	0.03	**-38.011**	0.03
NPLI*	**-38.070**	0.10	**-38.080**	0.10	**-38.090**	0.10	**-38.100**	0.10	**-38.110**	0.10	**-38.110**	0.10	**-38.090**	0.10	**-38.001**	0.10

*** participants in the bilateral comparison DPLA-NPLI, conducted as an extension of key comparison CCAUV.A-K3**

Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

x_i : **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
Results from NIM and INMETRO have been corrected for nominal frequencies as described in section 3.2 of the Final Report.

u_i : **combined standard uncertainty of x_i**

Microphone: **1124046**

Frequency ⇨	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
Lab *i* ⇩	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB
CENAM	**-37.825**	0.06	**-37.697**	0.05	**-37.565**	0.05	**-37.510**	0.05	**-37.857**	0.07	**-39.060**	0.17	**-41.195**	0.21	**-43.938**	0.37
NMIA	**-37.84**	0.04	**-37.71**	0.04	**-37.57**	0.05	**-37.51**	0.05	**-37.84**	0.05	**-39.02**	0.06	**-41.22**	0.08	**-43.84**	0.22
DPLA	**-37.846**	0.03	**-37.720**	0.03	**-37.584**	0.03	**-37.519**	0.04	**-37.873**	0.05	**-39.020**	0.08	**-41.209**	0.14	**-43.914**	0.20
INMETRO	**-37.846**	0.047	**-37.715**	0.055	**-37.576**	0.074	**-37.513**	0.085	**-37.840**	0.115	**-38.988**	0.126	**-41.104**	0.167	**-**	-
NIM	**-37.859**	0.05	**-37.729**	0.05	**-37.595**	0.05	**-37.544**	0.10	**-37.880**	0.10	**-39.063**	0.10	**-41.231**	0.12	**-**	-
NRC	**-37.875**	0.04	**-37.755**	0.04	**-37.634**	0.10	**-37.592**	0.12	**-37.944**	0.14	**-39.134**	0.17	**-**	-	**-**	-
UME	**-37.839**	0.08	**-37.712**	0.09	**-37.568**	0.10	**-37.508**	0.11	**-37.815**	0.12	**-38.997**	0.17	**-41.226**	0.20	**-**	-
VNIIFTRI	**-37.86**	0.04	**-37.73**	0.05	**-37.59**	0.06	**-37.52**	0.09	**-37.84**	0.13	**-39.00**	0.18	**-41.09**	0.31	**-45.79**	0.96
DPLA*	**-37.852**	0.03	**-37.721**	0.03	**-37.579**	0.03	**-37.512**	0.04	**-37.845**	0.05	**-39.005**	0.08	**-41.216**	0.14	**-41.914**	0.20
NPLI*	**-37.839**	0.10	**-37.694**	0.10	**-37.560**	0.10	**-37.471**	0.10	**-37.762**	0.10	**-38.972**	0.10	**-41.355**	0.14	**-**	-

*** participants in the bilateral comparison DPLA-NPLI, conducted as an extension of key comparison CCAUV.A-K3**

Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

x_i : **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
Results from NIM and INMETRO have been corrected for nominal frequencies as described in section 3.2 of the Final Report.

u_i : **combined standard uncertainty of x_i**

Microphone: **1395455**

Frequency ⇨	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
Lab *i* ⇩	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB
CENAM	**-38.352**	0.05	**-38.373**	0.05	**-38.390**	0.06	**-38.404**	0.06	**-38.414**	0.06	**-38.415**	0.06	**-38.389**	0.06	**-38.269**	0.06
NMIA	**-38.35**	0.06	**-38.37**	0.04	**-38.39**	0.04	**-38.40**	0.04	**-38.41**	0.04	**-38.41**	0.04	**-38.38**	0.04	**-38.26**	0.04
DPLA	**-38.348**	0.08	**-38.372**	0.04	**-38.392**	0.03	**-38.409**	0.03	**-38.417**	0.03	**-38.419**	0.03	**-38.394**	0.03	**-38.274**	0.03
INMETRO	**-38.347**	0.059	**-38.370**	0.046	**-38.390**	0.046	**-38.404**	0.045	**-38.414**	0.045	**-38.415**	0.045	**-38.389**	0.045	**-38.267**	0.045
NIM	**-38.355**	0.08	**-38.379**	0.05	**-38.399**	0.05	**-38.414**	0.05	**-38.424**	0.05	**-38.426**	0.05	**-38.401**	0.05	**-38.279**	0.05
NRC	**-**	-	**-38.376**	0.05	**-38.395**	0.05	**-38.411**	0.04	**-38.420**	0.04	**-38.423**	0.04	**-38.399**	0.04	**-38.284**	0.04
UME	**-38.338**	0.08	**-38.363**	0.08	**-38.382**	0.08	**-38.397**	0.08	**-38.407**	0.08	**-38.408**	0.08	**-38.383**	0.08	**-38.262**	0.08
VNIIFTRI	**-38.37**	0.14	**-38.38**	0.07	**-38.40**	0.04	**-38.42**	0.04	**-38.42**	0.04	**-38.43**	0.04	**-38.40**	0.04	**-38.28**	0.04
DPLA*	**-38.350**	0.08	**-38.372**	0.04	**-38.389**	0.03	**-38.403**	0.03	**-38.411**	0.03	**-38.412**	0.03	**-38.385**	0.03	**-38.264**	0.03
NPLI*	**-38.330**	0.10	**-38.350**	0.10	**-38.370**	0.10	**-38.380**	0.10	**-38.390**	0.10	**-38.400**	0.10	**-38.370**	0.10	**-38.251**	0.10

*** participants in the bilateral comparison DPLA-NPLI, conducted as an extension of key comparison CCAUV.A-K3**

Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

x_i : **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
Results from NIM and INMETRO have been corrected for nominal frequencies as described in section 3.2 of the Final Report.

u_i : **combined standard uncertainty of x_i**

Microphone: **1395455**

Frequency ⇨	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
Lab *i* ⇩	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB	x_i / dB	$2u_i$ / dB
CENAM	**-38.041**	0.06	**-37.841**	0.05	**-37.615**	0.05	**-37.456**	0.05	**-37.794**	0.07	**-39.238**	0.17	**-41.774**	0.21	**-44.692**	0.37
NMIA	**-38.04**	0.04	**-37.83**	0.04	**-37.60**	0.05	**-37.44**	0.05	**-37.78**	0.05	**-39.22**	0.06	**-41.76**	0.08	**-44.57**	0.22
DPLA	**-38.047**	0.03	**-37.851**	0.03	**-37.623**	0.03	**-37.462**	0.04	**-37.783**	0.05	**-39.202**	0.08	**-41.755**	0.14	**-44.508**	0.20
INMETRO	**-38.041**	0.047	**-37.841**	0.055	**-37.612**	0.074	**-37.450**	0.085	**-37.780**	0.115	**-39.194**	0.126	**-41.681**	0.167	**-**	-
NIM	**-38.053**	0.05	**-37.853**	0.05	**-37.623**	0.05	**-37.476**	0.10	**-37.810**	0.10	**-39.261**	0.10	**-41.760**	0.12	**-**	-
NRC	**-38.071**	0.04	**-37.880**	0.04	**-37.666**	0.10	**-37.524**	0.12	**-37.882**	0.14	**-39.316**	0.17	**-**	-	**-**	-
UME	**-38.031**	0.08	**-37.839**	0.09	**-37.599**	0.10	**-37.436**	0.11	**-37.740**	0.12	**-39.185**	0.17	**-41.820**	0.20	**-**	-
VNIIFTRI	**-38.06**	0.04	**-37.86**	0.05	**-37.63**	0.06	**-37.47**	0.09	**-37.79**	0.13	**-39.20**	0.18	**-41.68**	0.31	**-46.54**	0.96
DPLA*	**-38.038**	0.03	**-37.836**	0.03	**-37.613**	0.03	**-37.452**	0.04	**-37.781**	0.05	**-39.199**	0.08	**-41.741**	0.14	**-44.478**	0.20
NPLI*	**-38.019**	0.10	**-37.817**	0.10	**-37.590**	0.10	**-37.409**	0.10	**-37.697**	0.10	**-39.198**	0.10	**-42.009**	0.14	**-**	-

*** participants in the bilateral comparison DPLA-NPLI, conducted as an extension of key comparison CCAUV.A-K3**

Key comparison COOMET.AUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

$x_{i\text{-COO}}$: **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**

$u_{i\text{-COO}}$: **combined standard uncertainty of x_i**

A sudden change of the sensitivity of microphone 1503926 occured during the course of the comparison.

Microphone: 1503926 (before change of sensitivity)

Frequency ⇨ / Lab *i* ⇩	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB
DPLA	**-38.874**	0.08	**-38.890**	0.04	**-38.906**	0.03	**-38.918**	0.03	**-38.924**	0.03	**-38.925**	0.03	**-38.897**	0.03	**-38.772**	0.03
GUM	**-**	-	**-38.900**	0.05	**-38.920**	0.05	**-38.920**	0.05	**-38.930**	0.05	**-38.920**	0.05	**-38.900**	0.05	**-38.780**	0.05
DNDI "Systema"	**-38.920**	0.09	**-38.920**	0.08	**-38.930**	0.07	**-38.950**	0.07	**-38.950**	0.06	**-38.950**	0.06	**-38.920**	0.06	**-38.800**	0.06

Microphone: 1503926 (after change of sensitivity)

Frequency ⇨ / Lab *i* ⇩	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB
DPLA	**-38.802**	0.08	**-38.821**	0.04	**-38.839**	0.03	**-38.851**	0.03	**-38.860**	0.03	**-38.860**	0.03	**-38.833**	0.03	**-38.711**	0.03
VNIIFTRI	**-38.772**	0.14	**-38.783**	0.07	**-38.798**	0.04	**-38.812**	0.04	**-38.821**	0.04	**-38.823**	0.04	**-38.797**	0.04	**-38.675**	0.04
INM(RO)	**-38.790**	0.055	**-38.812**	0.055	**-38.830**	0.046	**-38.843**	0.046	**-38.852**	0.046	**-38.851**	0.046	**-38.825**	0.046	**-38.695**	0.046

Key comparison COOMET.AUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

$x_{i\text{-COO}}$: **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**

$u_{i\text{-COO}}$: **combined standard uncertainty of x_i**

A sudden change of the sensitivity of microphone 1503926 occured during the course of the comparison.

Microphone: 1503926 (before change of sensitivity)

Frequency ⇨ / Lab *i* ⇩	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB
DPLA	**-38.535**	0.03	**-38.319**	0.03	**-38.058**	0.03	**-37.812**	0.04	**-37.958**	0.05	**-39.159**	0.08	**-41.582**	0.14	**-44.390**	0.20
GUM	**-38.560**	0.05	**-38.340**	0.06	**-38.090**	0.07	**-37.840**	0.08	**-37.960**	0.09	**-39.130**	0.17	-	-	-	-
DNDI "Systema"	**-38.560**	0.06	**-38.350**	0.07	**-38.090**	0.08	**-37.850**	0.09	**-38.020**	0.14	**-39.210**	0.2	-	-	-	-

Microphone: 1503926 (after change of sensitivity)

Frequency ⇨ / Lab *i* ⇩	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB
DPLA	**-38.478**	0.03	**-38.265**	0.03	**-38.015**	0.03	**-37.787**	0.04	**-37.962**	0.05	**-39.197**	0.08	**-41.593**	0.14	**-44.394**	0.20
VNIIFTRI	**-38.443**	0.04	**-38.231**	0.05	**-37.977**	0.06	**-37.751**	0.09	**-37.933**	0.13	**-39.175**	0.18	**-41.605**	0.31	**-45.111**	0.96
INM(RO)	**-38.461**	0.046	**-38.249**	0.046	**-37.991**	0.046	**-37.763**	0.047	**-37.970**	0.085	**-39.248**	0.126	**-**	-	**-45.994**	0.218

Key comparison COOMET.AUV.A-K3

MEASURAND : Pressure sensitivity level of laboratory standard microphone type LS2P
FREQUENCY : 31.5 Hz to 31.5 kHz

$x_{i\text{-COO}}$: result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)

$u_{i\text{-COO}}$: combined standard uncertainty of x_i

Microphone: 1503933

Frequency ⇨ / Lab *i* ⇩	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB
DPLA	**-38.915**	0.08	**-38.934**	0.04	**-38.950**	0.03	**-38.960**	0.03	**-38.966**	0.03	**-38.964**	0.03	**-38.933**	0.03	**-38.803**	0.03
GUM	**-**	**-**	**-38.96**	0.05	**-38.97**	0.05	**-38.97**	0.05	**-38.98**	0.05	**-38.97**	0.05	**-38.95**	0.05	**-38.82**	0.05
DNDI "Systema"	**-38.99**	0.09	**-38.98**	0.08	**-38.99**	0.07	**-39.00**	0.07	**-39.00**	0.06	**-39.00**	0.06	**-38.96**	0.06	**-38.83**	0.06
VNIIFTRI	**-38.851**	0.14	**-38.859**	0.07	**-38.872**	0.04	**-38.882**	0.04	**-38.889**	0.04	**-38.887**	0.04	**-38.857**	0.04	**-38.728**	0.04
INM(RO)	**-38.891**	0.055	**-38.913**	0.055	**-38.928**	0.046	**-38.938**	0.046	**-38.944**	0.046	**-38.941**	0.046	**-38.91**	0.046	**-38.776**	0.046

Frequency ⇨ / Lab *i* ⇩	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB
DPLA	**-38.559**	0.03	**-38.337**	0.03	**-38.062**	0.03	**-37.807**	0.04	**-37.950**	0.05	**-39.186**	0.08	**-41.682**	0.14	**-44.577**	0.20
GUM	**-38.58**	0.05	**-38.36**	0.06	**-38.09**	0.07	**-37.82**	0.08	**-37.92**	0.09	**-39.11**	0.17	-	-	-	-
DNDI "Systema"	**-38.58**	0.06	**-38.36**	0.07	**-38.08**	0.08	**-37.82**	0.09	**-37.99**	0.14	**-39.24**	0.2	-	-	-	-
VNIIFTRI	**-38.485**	0.04	**-38.261**	0.05	**-37.988**	0.06	**-37.737**	0.09	**-37.896**	0.13	**-39.206**	0.18	**-41.822**	0.31	**-45.238**	0.96
INM(RO)	**-38.53**	0.046	**-38.306**	0.046	**-38.029**	0.046	**-37.776**	0.047	**-37.957**	0.085	**-39.259**	0.126	**-**	-	**-46.2**	0.218

Key comparison COOMET.AUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

$x_{i\text{-COO}}$: **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**

$u_{i\text{-COO}}$: **combined standard uncertainty of x_i**

Microphone: **1526170**

Frequency ⇨ / Lab *i* ⇩	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB
DPLA	**-38.801**	0.08	**-38.826**	0.04	**-38.842**	0.03	**-38.855**	0.03	**-38.863**	0.03	**-38.865**	0.03	**-38.842**	0.03	**-38.738**	0.03
VNIIFTRI	**-38.767**	0.14	**-38.777**	0.07	**-38.793**	0.04	**-38.807**	0.04	**-38.816**	0.04	**-38.819**	0.04	**-38.798**	0.04	**-38.692**	0.04
INM(RO)	**-38.765**	0.055	**-38.789**	0.055	**-38.807**	0.046	**-38.820**	0.046	**-38.830**	0.046	**-38.832**	0.046	**-38.810**	0.046	**-38.697**	0.046

Frequency ⇨ / Lab *i* ⇩	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB	$x_{i\text{-COO}}$ / dB	$2u_{i\text{-COO}}$ / dB
DPLA	**-38.543**	0.03	**-38.371**	0.03	**-38.175**	0.03	**-38.031**	0.04	**-38.298**	0.05	**-39.523**	0.08	**-41.840**	0.14	**-44.565**	0.20
VNIIFTRI	**-38.493**	0.04	**-38.316**	0.05	**-38.116**	0.06	**-37.973**	0.09	**-38.255**	0.13	**-39.522**	0.18	**-41.942**	0.31	**-45.147**	0.96
INM(RO)	**-38.502**	0.046	**-38.331**	0.046	**-38.137**	0.046	**-38.010**	0.047	**-38.342**	0.085	**-39.633**	0.126	**-**	-	**-45.584**	0.218

Key comparison EUROMET.AUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

$x_{i\text{-EUR}}$: **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**

$u_{i\text{-EUR}}$: **combined standard uncertainty of $x_{i\text{-EUR}}$**

Microphone: 1395456

Frequency ⇨ / Lab *i* ⇩	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB
DPLA	**-38.367**	0.08	**-38.397**	0.04	**-38.427**	0.03	**-38.450**	0.03	**-38.471**	0.03	**-38.482**	0.03	**-38.465**	0.03	**-38.340**	0.03
INRIM	**-38.330**	0.08	**-38.370**	0.05	**-38.400**	0.05	**-38.430**	0.05	**-38.450**	0.05	**-38.470**	0.05	**-38.450**	0.05	**-38.330**	0.05
BEV	**-38.347**	0.03	**-38.380**	0.03	**-38.409**	0.02	**-38.434**	0.02	**-38.454**	0.02	**-38.466**	0.02	**-38.447**	0.02	**-38.324**	0.02
CMI	**-38.390**	0.08	**-38.420**	0.06	**-38.450**	0.06	**-38.480**	0.06	**-38.500**	0.06	**-38.510**	0.06	**-38.500**	0.06	**-38.378**	0.06
METAS	**-38.332**	0.046	**-38.371**	0.046	**-38.402**	0.038	**-38.430**	0.036	**-38.453**	0.036	**-38.468**	0.036	**-38.452**	0.036	**-38.329**	0.034
CEM	**-38.365**	0.05	**-38.395**	0.04	**-38.424**	0.04	**-38.449**	0.04	**-38.470**	0.04	**-38.482**	0.04	**-38.466**	0.04	**-38.342**	0.04
MIKES	**-38.352**	0.0579	**-38.374**	0.0284	**-38.404**	0.0258	**-38.431**	0.0259	**-38.453**	0.0284	**-38.463**	0.03	**-38.445**	0.0443	**-38.320**	0.0443
SP	**-38.362**	0.1	**-38.379**	0.08	**-38.404**	0.05	**-38.429**	0.05	**-38.450**	0.05	**-38.459**	0.05	**-38.444**	0.05	**-38.319**	0.05

CMI, METAS, and CEM data were corrected for frequency realignment to nominal frequencies
SP and MIKES data were corrected for microphone 1395456 sensitivity drift

Key comparison EUROMET.AUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

$x_{i\text{-EUR}}$: **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**

$u_{i\text{-EUR}}$: **combined standard uncertainty of $x_{i\text{-EUR}}$**

Microphone: 1395456

Frequency ⇨ / Lab *i* ⇩	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB
DPLA	**-38.087**	0.03	**-37.856**	0.03	**-37.575**	0.03	**-37.334**	0.04	**-37.595**	0.05	**-39.059**	0.08	**-41.779**	0.14	-	-
INRIM	**-38.080**	0.05	**-37.850**	0.05	**-37.570**	0.08	**-37.340**	0.1	**-37.590**	0.1	**-39.090**	0.15	**-41.780**	0.2	-	-
BEV	**-38.073**	0.03	**-37.825**	0.04	**-37.561**	0.04	**-37.318**	0.05	**-37.593**	0.08	**-39.062**	0.09	**-41.821**	0.13	-	-
CMI	**-38.141**	0.07	**-37.922**	0.08	**-37.660**	0.09	**-37.444**	0.1	**-37.692**	0.1	**-39.134**	0.17	**-41.787**	0.25	-	-
METAS	**-38.080**	0.032	**-37.848**	0.036	**-37.564**	0.041	**-37.326**	0.045	**-37.576**	0.047	**-39.035**	0.063	**-41.788**	0.0163	-	-
CEM	**-38.094**	0.04	**-37.862**	0.04	**-37.582**	0.04	**-37.352**	0.04	**-37.611**	0.05	**-39.147**	0.08	**-41.838**	0.14	-	-
MIKES	**-38.063**	0.0444	**-37.829**	0.0464	**-37.540**	0.0535	**-37.307**	0.059	**-37.550**	0.0638	**-38.942**	0.0734	**-**	-	-	-
SP	**-38.066**	0.06	**-37.836**	0.06	**-37.553**	0.08	**-37.322**	0.1	**-37.615**	0.12	**-39.121**	0.2	**-41.954**	0.3	-	-

Lab *i* ⇩	Date of measurement
DPLA	**15 Oct 03**
INRIM	**05 Nov 03**
BEV	**20 Nov 03**
CMI	**03 Dec 03**
METAS	**15 Jan 04**
CEM	**01 Mar 04**
MIKES	**29 Mar 04**
SP	**28 Apr 04**

CMI, METAS, and CEM data were corrected for frequency realignment to nominal frequencies
SP and MIKES data were corrected for microphone 1395456 sensitivity drift

Key comparison EUROMET.AUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

$x_{i\text{-EUR}}$: **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**

$u_{i\text{-EUR}}$: **combined standard uncertainty of $x_{i\text{-EUR}}$**

Microphone: 1627783

Frequency ⇨ / Lab *i* ⇩	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB
DPLA	**-38.725**	0.08	**-38.736**	0.04	**-38.752**	0.03	**-38.767**	0.03	**-38.774**	0.03	**-38.775**	0.03	**-38.751**	0.03	**-38.645**	0.03
INRIM	**-38.690**	0.08	**-38.710**	0.05	**-38.730**	0.05	**-38.740**	0.05	**-38.750**	0.05	**-38.760**	0.05	**-38.740**	0.05	**-38.630**	0.05
BEV	**-38.720**	0.03	**-38.736**	0.03	**-38.750**	0.02	**-38.763**	0.02	**-38.771**	0.02	**-38.772**	0.02	**-38.748**	0.02	**-38.642**	0.02
CMI	**-38.920**	0.08	**-38.820**	0.06	**-38.820**	0.06	**-38.810**	0.06	**-38.810**	0.06	**-38.810**	0.06	**-38.790**	0.06	**-38.689**	0.06
METAS	**-38.684**	0.046	**-38.708**	0.046	**-38.727**	0.038	**-38.743**	0.036	**-38.755**	0.036	**-38.759**	0.036	**-38.739**	0.036	**-38.635**	0.034
CEM	**-38.744**	0.05	**-38.757**	0.04	**-38.770**	0.04	**-38.782**	0.04	**-38.790**	0.04	**-38.792**	0.04	**-38.769**	0.04	**-38.664**	0.04
MIKES	**-38.780**	0.0579	**-38.744**	0.0284	**-38.746**	0.0258	**-38.760**	0.0258	**-38.766**	0.0283	**-38.769**	0.03	**-38.749**	0.0442	**-38.644**	0.0432
SP	**-38.713**	0.1	**-38.720**	0.08	**-38.732**	0.05	**-38.744**	0.05	**-38.752**	0.05	**-38.751**	0.05	**-38.729**	0.05	**-38.623**	0.05

CMI, METAS, and CEM data were corrected for frequency realignment to nominal frequencies

Key comparison EUROMET.AUV.A-K3

MEASURAND : Pressure sensitivity level of laboratory standard microphone type LS2P
FREQUENCY : 31.5 Hz to 31.5 kHz

$x_{i\text{-EUR}}$: result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)

$u_{i\text{-EUR}}$: combined standard uncertainty of $x_{i\text{-EUR}}$

Microphone: 1627783

Frequency ⇨ Lab *i* ⇩	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB	$x_{i\text{-EUR}}$ / dB	$2u_{i\text{-EUR}}$ / dB
DPLA	**-38.447**	0.03	**-38.273**	0.03	**-38.078**	0.03	**-37.939**	0.04	**-38.213**	0.05	**-39.425**	0.08	**-41.721**	0.14	-	-
INRIM	**-38.440**	0.05	**-38.270**	0.05	**-38.070**	0.08	**-37.940**	0.1	**-38.200**	0.1	**-39.440**	0.15	**-41.680**	0.2	-	-
BEV	**-38.444**	0.03	**-38.254**	0.04	**-38.071**	0.04	**-37.915**	0.05	**-38.197**	0.08	**-39.394**	0.10	**-41.700**	0.14	-	-
CMI	**-38.511**	0.07	**-38.354**	0.08	**-38.170**	0.09	**-38.061**	0.1	**-38.317**	0.1	**-39.469**	0.17	**-41.624**	0.25	-	-
METAS	**-38.444**	0.032	**-38.272**	0.036	**-38.077**	0.041	**-37.942**	0.045	**-38.213**	0.047	**-39.423**	0.063	**-41.738**	0.0163	-	-
CEM	**-38.471**	0.04	**-38.299**	0.04	**-38.105**	0.04	**-37.971**	0.04	**-38.245**	0.05	**-39.500**	0.08	**-41.660**	0.14	-	-
MIKES	**-38.446**	0.0437	**-38.275**	0.0448	**-38.075**	0.0505	**-37.948**	0.0554	**-38.207**	0.0633	**-39.351**	0.0754	**-**	-	-	-
SP	**-38.427**	0.06	**-38.256**	0.06	**-38.060**	0.08	**-37.928**	0.1	**-38.226**	0.12	**-39.426**	0.2	**-41.727**	0.3	-	-

Lab *i* ⇩	Date of measurement
DPLA	15 Oct 03
INRIM	05 Nov 03
BEV	20 Nov 03
CMI	03 Dec 03
METAS	15 Jan 04
CEM	01 Mar 04
MIKES	29 Mar 04
SP	28 Apr 04

CMI, METAS, and CEM data were corrected for frequency realignment to nominal frequencies

Key comparison APMP.AUV.A-K3.1

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 25 kHz**

$x_{i\text{-APMP(K3.1)}}$: **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**

$U_{i\text{-APMP(K3.1)}}$: **expanded uncertainty (k = 2) of $x_{i\text{-APMP(K3.1)}}$**

Microphone: **2341431**

Lab *i* ⇨ / Frequency ⇩	KRISS		KIM-LIPI	
	$x_{i\text{-APMP(K3.1)}}$ / dB	$U_{i\text{-APMP(K3.1)}}$ / dB	$x_{i\text{-APMP(K3.1)}}$ / dB	$U_{i\text{-APMP(K3.1)}}$ / dB
31.5 Hz	-38.72	0.08	-38.74	0.09
63 Hz	-38.73	0.05	-38.74	0.07
125 Hz	-38.73	0.05	-38.75	0.06
250 Hz	-38.74	0.04	-38.75	0.06
500 Hz	-38.74	0.04	-38.75	0.06
1000 Hz	-38.73	0.04	-38.75	0.06
2000 Hz	-38.71	0.04	-38.73	0.06
4000 Hz	-38.60	0.04	-38.62	0.06
6300 Hz	-38.40	0.04	-38.43	0.06
8000 Hz	-38.21	0.04	-38.25	0.06
10000 Hz	-37.99	0.05	-38.02	0.06
12500 Hz	-37.78	0.06	-37.81	0.07
16000 Hz	-37.87	0.07	-37.90	0.08
20000 Hz	-38.89	0.10	-38.98	0.12
25000 Hz	-41.33	0.20	-41.43	0.17

Key comparison APMP.AUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**

FREQUENCY : **31.5 Hz to 25 kHz**

$x_{i\text{-APMP(K3)}}$: **result of measurements carried out by laboratory *i* (unit is dB re 1 V/Pa)**
$U_{i\text{-APMP(K3)}}$: **expanded uncertainty (k = 2) of $x_{i\text{-APMP(K3)}}$**

Microphone 1763688
The measurement results reported by the participants can be found in Table 2a and 3 of the APMP.AUV.A-K3 Final Report.

Microphone 2341431
The measurement results reported by the participants can be found in Table 2b and 3 of the APMP.AUV.A-K3 Final Report.

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, APMP.AUV.A-K3.1, and APMP.AUV.A-K3
Key comparison CCAUV.A-K3

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**
FREQUENCY : **31.5 Hz to 31.5 kHz**

For each microphone and for each frequency, the key comparison values, x_R, and its associated standard uncertainty, u_R, are computed as explained in sections 4.2 and 5.1 of the CCAUV.A-K3 Final Report (unit is dB re 1 V/Pa).

	Microphone 1395456		Microphone 1627783		Microphone 1124046		Microphone 1395455	
Frequency	x_R	$2u_R$	x_R	$2u_R$	x_R	$2u_R$	x_R	$2u_R$
/ Hz	/ dB	/ dB	/ dB	/ dB	/ dB	/ dB	/ dB	/ dB
31.5	-38.367	0.019	-38.725	0.019	-38.049	0.022	-38.345	0.022
63	-38.402	0.013	-38.740	0.013	-38.077	0.015	-38.372	0.015
125	-38.430	0.012	-38.753	0.012	-38.092	0.014	-38.391	0.014
250	-38.451	0.012	-38.766	0.012	-38.102	0.013	-38.406	0.013
500	-38.472	0.012	-38.773	0.012	-38.107	0.013	-38.414	0.013
1000	-38.481	0.012	-38.775	0.012	-38.107	0.013	-38.416	0.013
2000	-38.464	0.012	-38.753	0.012	-38.089	0.013	-38.390	0.013
4000	-38.335	0.012	-38.649	0.012	-38.004	0.013	-38.271	0.013
6300	-38.084	0.013	-38.456	0.013	-37.849	0.014	-38.048	0.014
8000	-37.850	0.013	-38.285	0.013	-37.720	0.014	-37.848	0.014
10000	-37.567	0.016	-38.091	0.016	-37.581	0.016	-37.619	0.016
12500	-37.328	0.019	-37.955	0.019	-37.519	0.020	-37.459	0.020
16000	-37.579	0.024	-38.223	0.024	-37.866	0.024	-37.795	0.024
20000	-39.073	0.036	-39.444	0.036	-39.030	0.034	-39.224	0.034
25000	-41.760	0.061	-41.714	0.061	-41.206	0.049	-41.756	0.049
31500	-44.920	0.144	-44.579	0.144	-44.035	0.132	-44.706	0.132

At a given frequency, the degree of equivalence of laboratory i with respect to the key comparison reference value is given by a pair of terms both expressed in dB re 1 V/Pa: D_i and its expanded uncertainty (k = 2), U_i. The degrees of equivalence are computed as explained in sections 4.3 and 5.2 of the CCAUV.A-K3 Final Report, and in the Final Report of the bilateral comparison DPLA-NPLI.

At a given frequency, the degree of equivalence between two laboratories i and j is given by a pair of terms: D_{ij} and its expanded uncertainty (k = 2), $U_{ij,}$ both expressed in dB re 1 V/Pa. The computation of these two terms is explained in section 5.3 of the CCAUV.A-K3 Final Report, and in the Final Report of the bilateral comparison DPLA-NPLI.
The full matrices of equivalence are computed for frequencies 250 Hz and 1000 Hz.

Linking COOMET.AUV.A-K3 to CCAUV.A-K3

DPLA provides the link between key comparisons CCAUV.A-K3 and COOMET.AUV.A-K3.
The linkage process is described in section 5 of the COOMET.AUV.A-K3 Final Report.

At a given frequency, the degree of equivalence of laboratory *i* participant in COOMET.AUV.A-K3 with respect to the key comparison reference value is given by a pair of terms both expressed in dB re 1 V/Pa: D_i and its expanded uncertainty ($k = 2$), U_i.
The degrees of equivalence are computed as explained in section 5 of the COOMET.AUV.A-K3 Final Report.

At a given frequency, the degree of equivalence between two laboratories *i* and *j* is given by a pair of terms:
D_{ij} and its expanded uncertainty ($k = 2$), U_{ij}, both expressed in dB re 1 V/Pa.
The computation of these two terms is explained in section 5 of the COOMET.AUV.A-K3 Final Report when one or two laboratories participate in COOMET.AUV.A-K3.

This makes it possible to extend the matrices of equivalence obtained in CCAUV.A-K3 for frequencies 250 Hz and 1000 Hz to participants in COOMET.AUV.A-K3.

Linking EUROMET.AUV.A-K3 to CCAUV.A-K3

DPLA provides the link between key comparisons CCAUV.A-K3 and EUROMET.AUV.A-K3.
The linkage process is described in section 6 of the EUROMET.AUV.A-K3 Final Report.

At a given frequency, the degree of equivalence of laboratory *i* participant in EUROMET.AUV.A-K3 with respect to the key comparison reference value is given by a pair of terms both expressed in dB re 1 V/Pa: D_i and its expanded uncertainty ($k = 2$), U_i.
The degrees of equivalence are computed as explained in section 6 of the EUROMET.AUV.A-K3 Final Report.

At a given frequency, the degree of equivalence between two laboratories *i* and *j* is given by a pair of terms:
D_{ij} and its expanded uncertainty ($k = 2$), U_{ij}, both expressed in dB re 1 V/Pa.
The computation of these two terms is explained in section 7 of the EUROMET.AUV.A-K3 Final Report when both of the laboratories are participants in EUROMET.AUV.A-K3.

This makes it possible to extend the matrices of equivalence obtained in CCAUV.A-K3 and COOMET.AUV.A-K3 for frequencies 250 Hz and 1000 Hz with pair-wise degrees of equivalence computed inside EUROMET.AUV.A-K3.

Linking APMP.AUV.A-K3.1 to CCAUV.A-K3

KRISS provides the link between key comparisons CCAUV.A-K3 and APMP.AUV.A-K3.1.
The linkage process is described in section 8 of the APMP.AUV.A-K3.1 Final Report.
No pair-wise degrees of equivalence between KIM-LIPI and other participants in CCAUV.A-K3 have been computed.

Linking APMP.AUV.A-K3 to CCAUV.A-K3

NMIJ, KRISS, NIM, and NMIA provide the link between key comparisons CCAUV.A-K3 and APMP.AUV.A-K3.
The linkage process is described in section 6 of the APMP.AUV.A-K3 Final Report.

At a given frequency, the degree of equivalence of laboratory *i* participant in APMP.AUV.A-K3 with respect to the key comparison reference value is given by a pair of terms both expressed in dB re 1 V/Pa: D_i and its expanded uncertainty (k = 2), U_i.
The degrees of equivalence are computed as explained in section 6 of the APMP.AUV.A-K3 Final Report.

At a given frequency, the degree of equivalence between two laboratories *i* and *j* participant in APMP.AUV.A-K3 is given by a pair of terms: D_{ij} and its expanded uncertainty (k = 2), U_{ij}, both expressed in dB re 1 V/Pa.
The computation of these two terms is explained in section 7 of the APMP.AUV.A-K3 Final Report when both of the laboratories are participants in APMP.AUV.A-K3, and the numerical values can be found from Table 11a to 11p in the APMP.AUV.A-K3 Final Report.

This makes it possible to extend the graphs of equivalence of the participants in CCAUV.A-K3 with the participants in APMP.AUV.A-K3 for frequencies 250 Hz and 1000 Hz.

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**

FREQUENCY : **31.5 Hz to 31.5 kHz**

Degrees of equivalence relative to the key comparison reference values (unit is dB re 1 V/Pa)

Frequency ⇨	31.5 Hz		63 Hz		125 Hz		250 Hz		500 Hz		1000 Hz		2000 Hz		4000 Hz	
Lab *i* ⇩	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB
CENAM	**-0.001**	0.041	**0.011**	0.043	**0.015**	0.052	**0.014**	0.052	**0.013**	0.052	**0.013**	0.052	**0.013**	0.052	**0.013**	0.052
NMIA	**-0.008**	0.052	**0.000**	0.034	**0.001**	0.035	**0.004**	0.035	**0.001**	0.035	**0.002**	0.035	**0.005**	0.035	**0.007**	0.035
DPLA	**-0.005**	0.069	**-0.002**	0.033	**-0.003**	0.024	**-0.004**	0.025	**-0.004**	0.025	**-0.004**	0.025	**-0.004**	0.025	**-0.003**	0.025
GUM	**-**	-	**-0.034**	0.045	**-0.028**	0.045	**-0.016**	0.045	**-0.017**	0.045	**-0.017**	0.045	**-0.012**	0.045	**-0.013**	0.045
INMETRO	**-0.005**	0.051	**0.001**	0.040	**0.000**	0.041	**0.001**	0.040	**0.000**	0.040	**0.000**	0.040	**0.001**	0.040	**0.003**	0.040
KRISS	**-0.001**	0.053	**0.008**	0.035	**0.009**	0.025	**0.008**	0.026	**0.009**	0.026	**0.008**	0.026	**0.009**	0.026	**0.016**	0.025
LNE	**0.009**	0.035	**0.015**	0.029	**0.016**	0.026	**0.016**	0.026	**0.015**	0.026	**0.013**	0.027	**0.014**	0.028	**0.014**	0.035
NIM	**-0.013**	0.071	**-0.008**	0.044	**-0.009**	0.044	**-0.009**	0.045	**-0.010**	0.045	**-0.010**	0.045	**-0.010**	0.045	**-0.009**	0.044
NIST	**0.006**	0.072	**0.004**	0.054	**0.002**	0.054	**-0.001**	0.035	**-0.003**	0.035	**-0.004**	0.035	**-0.006**	0.035	**-0.006**	0.035
NMIJ	**-0.019**	0.276	**-0.014**	0.091	**-0.018**	0.082	**-0.016**	0.082	**-0.022**	0.082	**-0.027**	0.082	**-0.022**	0.082	**-0.023**	0.082
NPL	**0.006**	0.053	**-0.004**	0.025	**-0.003**	0.025	**-0.006**	0.026	**-0.002**	0.026	**0.003**	0.026	**-0.002**	0.026	**-0.003**	0.025
NRC	**-**	-	**-0.005**	0.044	**-0.005**	0.044	**-0.006**	0.035	**-0.007**	0.035	**-0.008**	0.035	**-0.009**	0.035	**-0.014**	0.035
PTB	**0.001**	0.033	**0.006**	0.035	**0.002**	0.035	**0.004**	0.035	**0.003**	0.035	**0.003**	0.035	**0.003**	0.035	**0.002**	0.035
UME	**0.003**	0.071	**0.007**	0.072	**0.007**	0.073	**0.007**	0.073	**0.005**	0.073	**0.006**	0.073	**0.006**	0.073	**0.007**	0.073
VNIIFTRI	**-0.028**	0.128	**-0.010**	0.063	**-0.014**	0.035	**-0.016**	0.035	**-0.009**	0.035	**-0.013**	0.035	**-0.010**	0.035	**-0.013**	0.035
NPLI	**0.005**	0.081	**0.015**	0.074	**0.014**	0.073	**0.015**	0.073	**0.011**	0.073	**0.005**	0.073	**0.008**	0.073	**0.008**	0.073
GUM	**-**	-	**-0.020**	0.051	**-0.019**	0.049	**-0.010**	0.049	**-0.013**	0.049	**-0.004**	0.049	**-0.014**	0.049	**-0.016**	0.049
DNDI "Systema"	**-0.065**	0.092	**-0.040**	0.077	**-0.034**	0.067	**-0.040**	0.067	**-0.033**	0.058	**-0.034**	0.058	**-0.029**	0.058	**-0.031**	0.058
VNIIFTRI	**0.038**	0.130	**0.052**	0.065	**0.054**	0.039	**0.052**	0.039	**0.051**	0.039	**0.050**	0.039	**0.049**	0.039	**0.049**	0.039
INM(RO)	**0.020**	0.061	**0.021**	0.053	**0.020**	0.044	**0.018**	0.044	**0.017**	0.044	**0.018**	0.044	**0.018**	0.044	**0.025**	0.044
INRIM	**0.031**	0.093	**0.024**	0.055	**0.022**	0.052	**0.020**	0.052	**0.019**	0.052	**0.010**	0.052	**0.010**	0.052	**0.009**	0.052
BEV	**0.007**	0.063	**0.006**	0.041	**0.007**	0.030	**0.006**	0.030	**0.006**	0.030	**0.006**	0.030	**0.007**	0.030	**0.006**	0.030
CMI	**-0.114**	0.093	**-0.056**	0.063	**-0.048**	0.060	**-0.040**	0.060	**-0.036**	0.060	**-0.035**	0.060	**-0.040**	0.060	**-0.044**	0.060
METAS	**0.033**	0.071	**0.025**	0.052	**0.023**	0.042	**0.018**	0.041	**0.015**	0.041	**0.011**	0.041	**0.009**	0.041	**0.007**	0.039
CEM	**-0.013**	0.073	**-0.012**	0.047	**-0.010**	0.044	**-0.011**	0.044	**-0.011**	0.044	**-0.012**	0.044	**-0.013**	0.044	**-0.014**	0.044
MIKES	**-0.025**	0.078	**0.005**	0.040	**0.012**	0.033	**0.009**	0.033	**0.009**	0.035	**0.009**	0.036	**0.008**	0.047	**0.007**	0.046
SP	**0.003**	0.108	**0.015**	0.080	**0.019**	0.052	**0.018**	0.052	**0.018**	0.052	**0.020**	0.052	**0.018**	0.052	**0.018**	0.052
KIM-LIPI	**-0.02**	0.14	**0.00**	0.10	**-0.01**	0.09	**0.00**	0.09	**0.00**	0.09	**-0.01**	0.09	**-0.01**	0.09	**0.00**	0.09

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1

MEASURAND : **Pressure sensitivity level of laboratory standard microphone type LS2P**

FREQUENCY : **31.5 Hz to 31.5 kHz**

Degrees of equivalence relative to the key comparison reference values (unit is dB re 1 V/Pa)

Frequency ⟹	6300 Hz		8000 Hz		10000 Hz		12500 Hz		16000 Hz		20000 Hz		25000 Hz		31500 Hz	
Lab *i* ⇩	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB	D_i / dB	U_i / dB
CENAM	**0.013**	0.052	**0.011**	0.043	**0.007**	0.042	**0.004**	0.041	**0.001**	0.059	**-0.017**	0.147	**0.004**	0.180	**0.115**	0.304
NMIA	**0.008**	0.035	**0.014**	0.035	**0.015**	0.044	**0.014**	0.042	**0.021**	0.041	**0.007**	0.046	**-0.009**	0.059	**0.165**	0.163
DPLA	**0.001**	0.024	**-0.002**	0.024	**-0.003**	0.023	**0.000**	0.031	**0.010**	0.040	**0.015**	0.065	**-0.002**	0.116	**0.172**	0.132
GUM	**-0.020**	0.045	**-0.013**	0.054	**-0.006**	0.063	**0.002**	0.072	**0.001**	0.080	**-0.052**	0.153	**-**	-	**-**	-
INMETRO	**0.005**	0.042	**0.006**	0.049	**0.006**	0.067	**0.007**	0.076	**0.021**	0.104	**0.036**	0.112	**0.089**	0.147	**-**	-
KRISS	**0.016**	0.025	**0.019**	0.025	**0.017**	0.034	**0.014**	0.043	**-0.001**	0.051	**0.023**	0.066	**0.066**	0.176	**-1.099**	1.099
LNE	**0.019**	0.046	**0.020**	0.057	**0.021**	0.072	**0.022**	0.091	**0.018**	0.127	**0.027**	0.172	**0.051**	0.262	**-1.398**	0.745
NIM	**-0.007**	0.044	**-0.007**	0.044	**-0.009**	0.044	**-0.021**	0.090	**-0.014**	0.090	**-0.035**	0.087	**-0.014**	0.101	**-**	-
NIST	**-0.011**	0.045	**-0.016**	0.044	**-0.021**	0.053	**-0.031**	0.053	**-0.071**	0.071	**-0.083**	0.115	**-0.065**	0.233	**-**	-
NMIJ	**-0.010**	0.082	**0.007**	0.082	**0.004**	0.082	**0.002**	0.081	**-0.009**	0.080	**0.008**	0.134	**0.032**	0.167	**-1.500**	0.604
NPL	**0.000**	0.035	**-0.008**	0.044	**-0.011**	0.053	**-0.008**	0.072	**0.001**	0.090	**0.038**	0.163	**-0.223**	0.606	**-0.515**	0.679
NRC	**-0.025**	0.035	**-0.033**	0.035	**-0.050**	0.091	**-0.069**	0.109	**-0.082**	0.127	**-0.098**	0.154	**-**	-	**-**	-
PTB	**0.000**	0.035	**-0.003**	0.035	**-0.006**	0.053	**-0.003**	0.072	**-0.024**	0.109	**-0.007**	0.106	**-0.053**	0.127	**-**	-
UME	**0.013**	0.073	**0.009**	0.082	**0.017**	0.091	**0.017**	0.100	**0.053**	0.108	**0.036**	0.154	**-0.042**	0.179	**-**	-
VNIIFTRI	**-0.012**	0.035	**-0.011**	0.044	**-0.010**	0.053	**-0.006**	0.081	**0.016**	0.118	**0.027**	0.163	**0.096**	0.282	**-1.795**	0.877
NPLI	**0.016**	0.073	**0.021**	0.073	**0.018**	0.073	**0.042**	0.075	**0.092**	0.076	**0.030**	0.084	**-0.206**	0.125	**-**	-
GUM	**-0.022**	0.049	**-0.024**	0.058	**-0.033**	0.067	**-0.020**	0.077	**0.023**	0.088	**0.066**	0.163	**-**	-	**-**	-
DNDI "Systema"	**-0.022**	0.058	**-0.029**	0.067	**-0.028**	0.076	**-0.025**	0.086	**-0.042**	0.132	**-0.039**	0.190	**-**	-	**-**	-
VNIIFTRI	**0.053**	0.039	**0.053**	0.047	**0.055**	0.056	**0.055**	0.083	**0.050**	0.119	**0.015**	0.166	**-0.087**	0.286	**-0.498**	0.869
INM(RO)	**0.029**	0.044	**0.027**	0.044	**0.029**	0.045	**0.025**	0.047	**-0.011**	0.081	**-0.064**	0.120	**-**	-	**-1.259**	0.236
INRIM	**0.007**	0.052	**0.002**	0.052	**0.004**	0.078	**-0.004**	0.098	**0.018**	0.101	**-0.008**	0.153	**0.018**	0.215	**-**	-
BEV	**0.009**	0.037	**0.023**	0.044	**0.008**	0.045	**0.020**	0.057	**0.018**	0.085	**0.029**	0.113	**-0.013**	0.170	**-**	-
CMI	**-0.059**	0.069	**-0.076**	0.078	**-0.091**	0.087	**-0.116**	0.098	**-0.091**	0.101	**-0.044**	0.170	**0.042**	0.256	**-**	-
METAS	**0.005**	0.038	**0.002**	0.041	**0.003**	0.046	**0.002**	0.053	**0.019**	0.060	**0.028**	0.087	**-0.015**	0.111	**-**	-
CEM	**-0.015**	0.044	**-0.018**	0.044	**-0.020**	0.045	**-0.025**	0.049	**-0.015**	0.062	**-0.066**	0.098	**-0.001**	0.170	**-**	-
MIKES	**0.013**	0.047	**0.010**	0.048	**0.017**	0.053	**0.009**	0.061	**0.035**	0.071	**0.110**	0.095	**-**	-	**-**	-
SP	**0.021**	0.060	**0.016**	0.060	**0.018**	0.078	**0.012**	0.098	**-0.007**	0.118	**-0.017**	0.195	**-0.093**	0.298	**-**	-
KIM-LIPI	**-0.01**	0.09	**-0.02**	0.09	**-0.01**	0.09	**-0.02**	0.11	**-0.03**	0.12	**-0.07**	0.17	**-0.03**	0.28	**-**	-

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1
Frequency : 250 Hz
Matrix of equivalence (unit is dB re 1 V/Pa)

Lab *j* ⟹

Lab *i* ⇩	D_i / dB	U_i / dB	CENAM D_{ij} / dB	CENAM U_{ij} / dB	NMIA D_{ij} / dB	NMIA U_{ij} / dB	DPLA D_{ij} / dB	DPLA U_{ij} / dB	GUM D_{ij} / dB	GUM U_{ij} / dB	INMETRO D_{ij} / dB	INMETRO U_{ij} / dB	KRISS D_{ij} / dB	KRISS U_{ij} / dB	LNE D_{ij} / dB	LNE U_{ij} / dB
CENAM	**0.014**	0.052			**0.010**	0.064	**0.018**	0.059	**0.030**	0.070	**0.013**	0.067	**0.006**	0.059	**-0.002**	0.059
NMIA	**0.004**	0.035	**-0.010**	0.064			**-0.008**	0.045	**-0.020**	0.058	**0.003**	0.056	**0.004**	0.044	**0.012**	0.044
DPLA	**-0.004**	0.025	**-0.018**	0.059	**0.008**	0.045			**0.012**	0.053	**-0.005**	0.049	**-0.012**	0.038	**-0.020**	0.038
GUM	**-0.016**	0.045	**-0.030**	0.070	**0.020**	0.058	**-0.012**	0.053			**-0.017**	0.061	**-0.025**	0.054	**-0.032**	0.054
INMETRO	**0.001**	0.040	**-0.013**	0.067	**-0.003**	0.056	**0.005**	0.049	**0.017**	0.061			**0.008**	0.048	**0.015**	0.048
KRISS	**0.008**	0.026	**-0.006**	0.059	**-0.004**	0.044	**0.012**	0.038	**0.025**	0.054	**-0.008**	0.048			**-0.008**	0.039
LNE	**0.016**	0.026	**0.002**	0.059	**-0.012**	0.044	**0.020**	0.038	**0.032**	0.054	**-0.015**	0.048	**0.008**	0.039		
NIM	**-0.009**	0.045	**-0.023**	0.070	**-0.013**	0.059	**-0.005**	0.053	**0.007**	0.064	**-0.010**	0.062	**-0.017**	0.052	**-0.025**	0.052
NIST	**-0.001**	0.035	**-0.015**	0.064	**0.005**	0.051	**0.003**	0.045	**0.016**	0.059	**0.001**	0.054	**-0.009**	0.046	**-0.017**	0.046
NMIJ	**-0.016**	0.082	**-0.030**	0.098	**0.020**	0.090	**-0.012**	0.087	**0.000**	0.095	**0.017**	0.092	**-0.025**	0.087	**-0.032**	0.087
NPL	**-0.006**	0.026	**-0.020**	0.059	**0.010**	0.044	**-0.002**	0.038	**0.010**	0.054	**0.007**	0.048	**-0.015**	0.039	**-0.022**	0.039
NRC	**-0.006**	0.035	**-0.020**	0.064	**-0.010**	0.052	**-0.002**	0.045	**0.010**	0.058	**-0.007**	0.056	**-0.014**	0.044	**-0.022**	0.044
PTB	**0.004**	0.035	**-0.010**	0.064	**0.000**	0.051	**0.008**	0.045	**0.020**	0.059	**-0.003**	0.054	**-0.005**	0.046	**-0.012**	0.046
UME	**0.007**	0.073	**-0.007**	0.091	**0.003**	0.082	**0.011**	0.078	**0.023**	0.086	**0.006**	0.085	**-0.002**	0.078	**-0.009**	0.078
VNIIFTRI	**-0.016**	0.035	**-0.030**	0.064	**-0.020**	0.052	**-0.012**	0.045	**0.000**	0.058	**-0.017**	0.056	**-0.024**	0.044	**-0.032**	0.044
NPLI	**0.015**	0.073	**0.001**	0.089	**0.011**	0.081	**0.019**	0.077	**0.031**	0.085	**0.014**	0.083	**0.007**	0.077	**-0.001**	0.077
GUM	**-0.010**	0.049	**-0.024**	0.071	**-0.014**	0.060	**-0.006**	0.055	**0.007**	0.066	**-0.010**	0.063	**-0.018**	0.055	**-0.025**	0.055
DNDI "Systema"	**-0.040**	0.067	**-0.054**	0.084	**-0.044**	0.075	**-0.036**	0.071	**-0.023**	0.080	**-0.040**	0.078	**-0.048**	0.071	**-0.055**	0.071
VNIIFTRI	**0.052**	0.039	**0.038**	0.065	**0.048**	0.052	**0.056**	0.046	**0.068**	0.059	**0.051**	0.056	**0.043**	0.046	**0.036**	0.046
INM(RO)	**0.018**	0.044	**0.004**	0.068	**0.014**	0.056	**0.022**	0.050	**0.034**	0.063	**0.018**	0.059	**0.010**	0.051	**0.002**	0.051
INRIM	**0.020**	0.052														
BEV	**0.006**	0.030														
CMI	**-0.040**	0.060														
METAS	**0.018**	0.041														
CEM	**-0.011**	0.044														
MIKES	**0.009**	0.033														
SP	**0.018**	0.052														
KIM-LIPI	**0.00**	0.09														

Not computed

Not computed

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1
Frequency : 250 Hz
Matrix of equivalence (unit is dB re 1 V/Pa) - continued

Lab *j* ⟹

Lab *i* ⇩	D_i / dB	U_i / dB	NIM		NIST		NMIJ		NPL		NRC		PTB		UME	
			D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB
CENAM	0.014	0.052	0.023	0.070	0.015	0.064	0.030	0.098	0.020	0.059	0.020	0.064	0.010	0.064	0.007	0.091
NMIA	0.004	0.035	0.013	0.059	-0.005	0.051	-0.020	0.090	-0.010	0.044	0.010	0.052	0.000	0.051	-0.003	0.082
DPLA	-0.004	0.025	0.005	0.053	-0.003	0.045	0.012	0.087	0.002	0.038	0.002	0.045	-0.008	0.045	-0.011	0.078
GUM	-0.016	0.045	-0.007	0.064	-0.016	0.059	0.000	0.095	-0.010	0.054	-0.010	0.058	-0.020	0.059	-0.023	0.086
INMETRO	0.001	0.040	0.010	0.062	-0.001	0.054	-0.017	0.092	-0.007	0.048	0.007	0.056	0.003	0.054	-0.006	0.085
KRISS	0.008	0.026	0.017	0.052	0.009	0.046	0.025	0.087	0.015	0.039	0.014	0.044	0.005	0.046	0.002	0.078
LNE	0.016	0.026	0.025	0.052	0.017	0.046	0.032	0.087	0.022	0.039	0.022	0.044	0.012	0.046	0.009	0.078
NIM	-0.009	0.045			0.008	0.058	-0.007	0.094	0.003	0.052	-0.003	0.059	0.013	0.058	-0.015	0.087
NIST	-0.001	0.035	-0.008	0.058			0.016	0.091	0.006	0.046	0.005	0.051	-0.005	0.052	-0.007	0.082
NMIJ	-0.016	0.082	0.007	0.094	-0.016	0.091			-0.010	0.087	-0.010	0.090	-0.020	0.091	-0.023	0.110
NPL	-0.006	0.026	-0.003	0.052	-0.006	0.046	0.010	0.087			0.000	0.044	-0.010	0.046	-0.013	0.078
NRC	-0.006	0.035	0.003	0.059	-0.005	0.051	0.010	0.090	0.000	0.044			0.010	0.051	-0.013	0.082
PTB	0.004	0.035	-0.013	0.058	0.005	0.052	0.020	0.091	0.010	0.046	-0.010	0.051			-0.003	0.082
UME	0.007	0.073	0.015	0.087	0.007	0.082	0.023	0.110	0.013	0.078	0.013	0.082	0.003	0.082		
VNIIFTRI	-0.016	0.035	-0.007	0.059	-0.015	0.051	0.000	0.090	-0.010	0.044	-0.010	0.052	-0.020	0.051	-0.023	0.082
NPLI	0.015	0.073	0.024	0.085	0.016	0.081	0.031	0.110	0.021	0.077	0.021	0.081	0.011	0.081	0.008	0.103
GUM	-0.010	0.049	-0.001	0.066	-0.009	0.060	0.007	0.096	-0.003	0.055	-0.004	0.060	-0.013	0.060	-0.016	0.088
DNDI "Systema"	-0.040	0.067	-0.031	0.080	-0.039	0.075	-0.023	0.106	-0.033	0.071	-0.034	0.075	-0.043	0.075	-0.046	0.099
VNIIFTRI	0.052	0.039	0.061	0.059	0.052	0.052	0.068	0.091	0.058	0.046	0.058	0.052	0.048	0.052	0.045	0.082
INM(RO)	0.018	0.044	0.027	0.062	0.019	0.056	0.034	0.093	0.024	0.051	0.024	0.056	0.014	0.056	0.012	0.085
INRIM	0.020	0.052														
BEV	0.006	0.030														
CMI	-0.040	0.060					Not computed									
METAS	0.018	0.041														
CEM	-0.011	0.044														
MIKES	0.009	0.033														
SP	0.018	0.052														
KIM-LIPI	0.00	0.09					Not computed									

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1
Frequency : 250 Hz
Matrix of equivalence (unit is dB re 1 V/Pa) - continued

Lab *j* ⟹

Lab *i* ⇩	D_i / dB	U_i / dB	VNIIFTRI D_{ij} / dB	VNIIFTRI U_{ij} / dB	NPLI D_{ij} / dB	NPLI U_{ij} / dB	GUM D_{ij} / dB	GUM U_{ij} / dB	DNDI "Systema" D_{ij} / dB	DNDI "Systema" U_{ij} / dB	VNIIFTRI D_{ij} / dB	VNIIFTRI U_{ij} / dB	INM(RO) D_{ij} / dB	INM(RO) U_{ij} / dB
CENAM	0.014	0.052	0.030	0.064	-0.001	0.089	0.024	0.071	0.054	0.084	-0.038	0.065	-0.004	0.068
NMIA	0.004	0.035	0.020	0.052	-0.011	0.081	0.014	0.060	0.044	0.075	-0.048	0.052	-0.014	0.056
DPLA	-0.004	0.025	0.012	0.045	-0.019	0.077	0.006	0.055	0.036	0.071	-0.056	0.046	-0.022	0.050
GUM	-0.016	0.045	0.000	0.058	-0.031	0.085	-0.007	0.066	0.023	0.080	-0.068	0.059	-0.034	0.063
INMETRO	0.001	0.040	0.017	0.056	-0.014	0.083	0.010	0.063	0.040	0.078	-0.051	0.056	-0.018	0.059
KRISS	0.008	0.026	0.024	0.044	-0.007	0.077	0.018	0.055	0.048	0.071	-0.043	0.046	-0.010	0.051
LNE	0.016	0.026	0.032	0.044	0.001	0.077	0.025	0.055	0.055	0.071	-0.036	0.046	-0.002	0.051
NIM	-0.009	0.045	0.007	0.059	-0.024	0.085	0.001	0.066	0.031	0.080	-0.061	0.059	-0.027	0.062
NIST	-0.001	0.035	0.015	0.051	-0.016	0.081	0.009	0.060	0.039	0.075	-0.052	0.052	-0.019	0.056
NMIJ	-0.016	0.082	0.000	0.090	-0.031	0.110	-0.007	0.096	0.023	0.106	-0.068	0.091	-0.034	0.093
NPL	-0.006	0.026	0.010	0.044	-0.021	0.077	0.003	0.055	0.033	0.071	-0.058	0.046	-0.024	0.051
NRC	-0.006	0.035	0.010	0.052	-0.021	0.081	0.004	0.060	0.034	0.075	-0.058	0.052	-0.024	0.056
PTB	0.004	0.035	0.020	0.051	-0.011	0.081	0.013	0.060	0.043	0.075	-0.048	0.052	-0.014	0.056
UME	0.007	0.073	0.023	0.082	-0.008	0.103	0.016	0.088	0.046	0.099	-0.045	0.082	-0.012	0.085
VNIIFTRI	-0.016	0.035			-0.031	0.081	-0.006	0.060	0.024	0.075	-0.068	0.052	-0.034	0.056
NPLI	0.015	0.073	0.031	0.081						Not computed				
GUM	-0.010	0.049	0.006	0.060					0.030	0.079	-0.061	0.059	-0.028	0.063
DNDI "Systema"	-0.040	0.067	-0.024	0.075	Not computed		-0.030	0.079			-0.091	0.075	-0.058	0.077
VNIIFTRI	0.052	0.039	0.068	0.052			0.061	0.059	0.091	0.075			0.033	0.055
INM(RO)	0.018	0.044	0.034	0.056			0.028	0.063	0.058	0.077	-0.033	0.055		
INRIM	0.020	0.052												
BEV	0.006	0.030												
CMI	-0.040	0.060												
METAS	0.018	0.041		Not computed						Not computed				
CEM	-0.011	0.044												
MIKES	0.009	0.033												
SP	0.018	0.052												
KIM-LIPI	0.00	0.09		Not computed				Not computed						

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1
Frequency : 250 Hz
Matrix of equivalence (unit is dB re 1 V/Pa) - continued

Lab *j* ⟹

Lab *i* ⇩	D_i / dB	U_i / dB	INRIM		BEV		CMI		METAS		CEM		MIKES		SP	
			D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB
CENAM	**0.014**	0.052														
NMIA	**0.004**	0.035														
DPLA	**-0.004**	0.025														
GUM	**-0.016**	0.045														
INMETRO	**0.001**	0.040														
KRISS	**0.008**	0.026														
LNE	**0.016**	0.026							**Not computed**							
NIM	**-0.009**	0.045														
NIST	**-0.001**	0.035														
NMIJ	**-0.016**	0.082														
NPL	**-0.006**	0.026														
NRC	**-0.006**	0.035														
PTB	**0.004**	0.035														
UME	**0.007**	0.073														
VNIIFTRI	**-0.016**	0.035														
NPLI	**0.015**	0.073														
GUM	**-0.010**	0.049														
DNDI "Systema"	**-0.040**	0.067							**Not computed**							
VNIIFTRI	**0.052**	0.039														
INM(RO)	**0.018**	0.044														
INRIM	**0.020**	0.052			**0.014**	0.050	**0.060**	0.072	**0.001**	0.057	**0.030**	0.059	**0.011**	0.052	**0.002**	0.065
BEV	**0.006**	0.030	**-0.014**	0.050			**0.046**	0.058	**-0.012**	0.038	**0.017**	0.041	**-0.003**	0.030	**-0.012**	0.050
CMI	**-0.040**	0.060	**-0.060**	0.072	**-0.046**	0.058			**-0.058**	0.065	**-0.030**	0.066	**-0.049**	0.060	**-0.058**	0.072
METAS	**0.018**	0.041	**-0.001**	0.057	**0.012**	0.038	**0.058**	0.065			**0.029**	0.050	**0.009**	0.041	**0.000**	0.057
CEM	**-0.011**	0.044	**-0.030**	0.059	**-0.017**	0.041	**0.030**	0.066	**-0.029**	0.050			**-0.020**	0.044	**-0.029**	0.059
MIKES	**0.009**	0.033	**-0.011**	0.052	**0.003**	0.030	**0.049**	0.060	**-0.009**	0.041	**0.020**	0.044			**-0.009**	0.052
SP	**0.018**	0.052	**-0.002**	0.065	**0.012**	0.050	**0.058**	0.072	**0.000**	0.057	**0.029**	0.059	**0.009**	0.052		
KIM-LIPI	**0.00**	0.09					**Not computed**									

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1
Frequency : 1000 Hz
Matrix of equivalence (unit is dB re 1 V/Pa)

Lab *j* ⟹

Lab *i* ⇩	D_i / dB	U_i / dB	CENAM		NMIA		DPLA		GUM		INMETRO		KRISS		LNE	
			D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB
CENAM	**0.013**	0.052			**0.012**	0.064	**0.017**	0.059	**0.030**	0.070	**0.013**	0.067	**0.005**	0.059	**0.000**	0.060
NMIA	**0.002**	0.035	**-0.012**	0.064			**-0.005**	0.045	**-0.018**	0.058	**0.002**	0.056	**0.007**	0.044	**0.012**	0.045
DPLA	**-0.004**	0.025	**-0.017**	0.059	**0.005**	0.045			**0.013**	0.053	**-0.004**	0.049	**-0.012**	0.038	**-0.017**	0.038
GUM	**-0.017**	0.045	**-0.030**	0.070	**0.018**	0.058	**-0.013**	0.053			**-0.017**	0.061	**-0.025**	0.054	**-0.030**	0.054
INMETRO	**0.000**	0.040	**-0.013**	0.067	**-0.002**	0.056	**0.004**	0.049	**0.017**	0.061			**0.008**	0.048	**0.013**	0.049
KRISS	**0.008**	0.026	**-0.005**	0.059	**-0.007**	0.044	**0.012**	0.038	**0.025**	0.054	**-0.008**	0.048			**-0.005**	0.040
LNE	**0.013**	0.027	**0.000**	0.060	**-0.012**	0.045	**0.017**	0.038	**0.030**	0.054	**-0.013**	0.049	**0.005**	0.040		
NIM	**-0.010**	0.045	**-0.024**	0.070	**-0.012**	0.059	**-0.007**	0.053	**0.006**	0.064	**-0.011**	0.062	**-0.019**	0.052	**-0.024**	0.053
NIST	**-0.004**	0.035	**-0.017**	0.064	**0.006**	0.051	**0.000**	0.045	**0.013**	0.059	**0.004**	0.054	**-0.013**	0.046	**-0.018**	0.047
NMIJ	**-0.027**	0.082	**-0.040**	0.098	**0.028**	0.090	**-0.023**	0.087	**-0.010**	0.095	**0.027**	0.092	**-0.035**	0.087	**-0.040**	0.088
NPL	**0.003**	0.026	**-0.010**	0.059	**-0.002**	0.044	**0.007**	0.038	**0.020**	0.054	**-0.003**	0.048	**-0.005**	0.039	**-0.010**	0.040
NRC	**-0.008**	0.035	**-0.021**	0.064	**-0.010**	0.052	**-0.004**	0.045	**0.009**	0.058	**-0.008**	0.056	**-0.016**	0.044	**-0.021**	0.045
PTB	**0.003**	0.035	**-0.010**	0.064	**-0.002**	0.051	**0.007**	0.045	**0.020**	0.059	**-0.003**	0.054	**-0.005**	0.046	**-0.010**	0.047
UME	**0.006**	0.073	**-0.008**	0.091	**0.004**	0.082	**0.009**	0.078	**0.022**	0.086	**0.006**	0.085	**-0.003**	0.078	**-0.008**	0.078
VNIIFTRI	**-0.013**	0.035	**-0.027**	0.064	**-0.015**	0.052	**-0.010**	0.045	**0.003**	0.058	**-0.014**	0.056	**-0.022**	0.044	**-0.027**	0.045
NPLI	**0.005**	0.073	**-0.008**	0.089	**0.004**	0.081	**0.009**	0.077	**0.022**	0.085	**0.005**	0.083	**-0.003**	0.077	**-0.008**	0.077
GUM	**-0.004**	0.049	**-0.018**	0.071	**-0.006**	0.060	**-0.001**	0.055	**0.012**	0.066	**-0.005**	0.063	**-0.013**	0.055	**-0.018**	0.056
DNDI "Systema"	**-0.034**	0.058	**-0.048**	0.078	**-0.036**	0.067	**-0.031**	0.063	**-0.018**	0.073	**-0.035**	0.070	**-0.043**	0.063	**-0.048**	0.064
VNIIFTRI	**0.050**	0.039	**0.037**	0.065	**0.048**	0.052	**0.054**	0.046	**0.067**	0.059	**0.050**	0.056	**0.042**	0.046	**0.037**	0.047
INM(RO)	**0.018**	0.044	**0.005**	0.068	**0.016**	0.056	**0.022**	0.050	**0.035**	0.063	**0.018**	0.059	**0.010**	0.051	**0.005**	0.051
INRIM	**0.010**	0.052														
BEV	**0.006**	0.030														
CMI	**-0.035**	0.060						Not computed								
METAS	**0.011**	0.041														
CEM	**-0.012**	0.044														
MIKES	**0.009**	0.036														
SP	**0.020**	0.052														
KIM-LIPI	**-0.01**	0.09					Not computed									

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1
Frequency : 1000 Hz
Matrix of equivalence (unit is dB re 1 V/Pa) - continued

Lab *j* ⟹

Lab *i* ⇩	D_i / dB	U_i / dB	NIM		NIST		NMIJ		NPL		NRC		PTB		UME	
			D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB
CENAM	0.013	0.052	0.024	0.070	0.017	0.064	0.040	0.098	0.010	0.059	0.021	0.064	0.010	0.064	0.008	0.091
NMIA	0.002	0.035	0.012	0.059	-0.006	0.051	-0.028	0.090	0.002	0.044	0.010	0.052	0.002	0.051	-0.004	0.082
DPLA	-0.004	0.025	0.007	0.053	0.000	0.045	0.023	0.087	-0.007	0.038	0.004	0.045	-0.007	0.045	-0.009	0.078
GUM	-0.017	0.045	-0.006	0.064	-0.013	0.059	0.010	0.095	-0.020	0.054	-0.009	0.058	-0.020	0.059	-0.022	0.086
INMETRO	0.000	0.040	0.011	0.062	-0.004	0.054	-0.027	0.092	0.003	0.048	0.008	0.056	0.003	0.054	-0.006	0.085
KRISS	0.008	0.026	0.019	0.052	0.013	0.046	0.035	0.087	0.005	0.039	0.016	0.044	0.005	0.046	0.003	0.078
LNE	0.013	0.027	0.024	0.053	0.018	0.047	0.040	0.088	0.010	0.040	0.021	0.045	0.010	0.047	0.008	0.078
NIM	-0.010	0.045			0.006	0.058	-0.016	0.094	0.014	0.052	-0.003	0.059	0.014	0.058	-0.016	0.087
NIST	-0.004	0.035	-0.006	0.058			0.023	0.091	-0.008	0.046	0.004	0.051	-0.008	0.052	-0.010	0.082
NMIJ	-0.027	0.082	0.016	0.094	-0.023	0.091			-0.030	0.087	-0.019	0.090	-0.030	0.091	-0.032	0.110
NPL	0.003	0.026	-0.014	0.052	0.008	0.046	0.030	0.087			0.011	0.044	0.000	0.046	-0.002	0.078
NRC	-0.008	0.035	0.003	0.059	-0.004	0.051	0.019	0.090	-0.011	0.044			0.011	0.051	-0.014	0.082
PTB	0.003	0.035	-0.014	0.058	0.008	0.052	0.030	0.091	0.000	0.046	-0.011	0.051			-0.002	0.082
UME	0.006	0.073	0.016	0.087	0.010	0.082	0.032	0.110	0.002	0.078	0.014	0.082	0.002	0.082		
VNIIFTRI	-0.013	0.035	-0.003	0.059	-0.009	0.051	0.013	0.090	-0.017	0.044	-0.006	0.052	-0.017	0.051	-0.019	0.082
NPLI	0.005	0.073	0.016	0.085	0.010	0.081	0.032	0.110	0.002	0.077	0.013	0.081	0.002	0.081	0.000	0.103
GUM	-0.004	0.049	0.006	0.066	0.000	0.060	0.022	0.096	-0.008	0.055	0.003	0.060	-0.008	0.060	-0.010	0.088
DNDI "Systema"	-0.034	0.058	-0.024	0.073	-0.030	0.068	-0.008	0.101	-0.038	0.063	-0.027	0.067	-0.038	0.068	-0.040	0.093
VNIIFTRI	0.050	0.039	0.060	0.059	0.054	0.052	0.077	0.091	0.047	0.046	0.058	0.052	0.047	0.052	0.044	0.082
INM(RO)	0.018	0.044	0.028	0.062	0.022	0.056	0.045	0.093	0.015	0.051	0.026	0.056	0.015	0.056	0.012	0.085
INRIM	0.010	0.052														
BEV	0.006	0.030														
CMI	-0.035	0.060						Not computed								
METAS	0.011	0.041														
CEM	-0.012	0.044														
MIKES	0.009	0.036														
SP	0.020	0.052														
KIM-LIPI	-0.01	0.09					Not computed									

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1
Frequency : 1000 Hz
Matrix of equivalence (unit is dB re 1 V/Pa) - continued

Lab *j* ⟹

Lab *i* ⇩	D_i / dB	U_i / dB	VNIIFTRI D_{ij} / dB	VNIIFTRI U_{ij} / dB	NPLI D_{ij} / dB	NPLI U_{ij} / dB	GUM D_{ij} / dB	GUM U_{ij} / dB	DNDI "Systema" D_{ij} / dB	DNDI "Systema" U_{ij} / dB	VNIIFTRI D_{ij} / dB	VNIIFTRI U_{ij} / dB	INM(RO) D_{ij} / dB	INM(RO) U_{ij} / dB
CENAM	0.013	0.052	0.027	0.064	0.008	0.089	0.018	0.071	0.048	0.078	-0.037	0.065	-0.005	0.068
NMIA	0.002	0.035	0.015	0.052	-0.004	0.081	0.006	0.060	0.036	0.067	-0.048	0.052	-0.016	0.056
DPLA	-0.004	0.025	0.010	0.045	-0.009	0.077	0.001	0.055	0.031	0.063	-0.054	0.046	-0.022	0.050
GUM	-0.017	0.045	-0.003	0.058	-0.022	0.085	-0.012	0.066	0.018	0.073	-0.067	0.059	-0.035	0.063
INMETRO	0.000	0.040	0.014	0.056	-0.005	0.083	0.005	0.063	0.035	0.070	-0.050	0.056	-0.018	0.059
KRISS	0.008	0.026	0.022	0.044	0.003	0.077	0.013	0.055	0.043	0.063	-0.042	0.046	-0.010	0.051
LNE	0.013	0.027	0.027	0.045	0.008	0.077	0.018	0.056	0.048	0.064	-0.037	0.047	-0.005	0.051
NIM	-0.010	0.045	0.003	0.059	-0.016	0.085	-0.006	0.066	0.024	0.073	-0.060	0.059	-0.028	0.062
NIST	-0.004	0.035	0.009	0.051	-0.010	0.081	0.000	0.060	0.030	0.068	-0.054	0.052	-0.022	0.056
NMIJ	-0.027	0.082	-0.013	0.090	-0.032	0.110	-0.022	0.096	0.008	0.101	-0.077	0.091	-0.045	0.093
NPL	0.003	0.026	0.017	0.044	-0.002	0.077	0.008	0.055	0.038	0.063	-0.047	0.046	-0.015	0.051
NRC	-0.008	0.035	0.006	0.052	-0.013	0.081	-0.003	0.060	0.027	0.067	-0.058	0.052	-0.026	0.056
PTB	0.003	0.035	0.017	0.051	-0.002	0.081	0.008	0.060	0.038	0.068	-0.047	0.052	-0.015	0.056
UME	0.006	0.073	0.019	0.082	0.000	0.103	0.010	0.088	0.040	0.093	-0.044	0.082	-0.012	0.085
VNIIFTRI	-0.013	0.035			-0.019	0.081	-0.009	0.060	0.021	0.067	-0.063	0.052	-0.031	0.056
NPLI	0.005	0.073	0.019	0.081						Not computed				
GUM	-0.004	0.049	0.009	0.060					0.030	0.072	-0.054	0.059	-0.023	0.063
DNDI "Systema"	-0.034	0.058	-0.021	0.067	Not computed		-0.030	0.072			-0.084	0.067	-0.053	0.070
VNIIFTRI	0.050	0.039	0.063	0.052			0.054	0.059	0.084	0.067			0.032	0.055
INM(RO)	0.018	0.044	0.031	0.056			0.023	0.063	0.053	0.070	-0.032	0.055		
INRIM	0.010	0.052												
BEV	0.006	0.030												
CMI	-0.035	0.060												
METAS	0.011	0.041	Not computed				Not computed							
CEM	-0.012	0.044												
MIKES	0.009	0.036												
SP	0.020	0.052												
KIM-LIPI	-0.01	0.09	Not computed				Not computed							

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, and APMP.AUV.A-K3.1
Frequency : 1000 Hz
Matrix of equivalence (unit is dB re 1 V/Pa) - continued

Lab *j* ⟹

Lab *i* ⇩	D_i / dB	U_i / dB	INRIM		BEV		CMI		METAS		CEM		MIKES		SP	
			D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB	D_{ij} / dB	U_{ij} / dB
CENAM	**0.013**	0.052														
NMIA	**0.002**	0.035														
DPLA	**-0.004**	0.025														
GUM	**-0.017**	0.045														
INMETRO	**0.000**	0.040														
KRISS	**0.008**	0.026														
LNE	**0.013**	0.027							**Not computed**							
NIM	**-0.010**	0.045														
NIST	**-0.004**	0.035														
NMIJ	**-0.027**	0.082														
NPL	**0.003**	0.026														
NRC	**-0.008**	0.035														
PTB	**0.003**	0.035														
UME	**0.006**	0.073														
VNIIFTRI	**-0.013**	0.035														
NPLI	**0.005**	0.073														
GUM	**-0.004**	0.049														
DNDI "Systema"	**-0.034**	0.058							**Not computed**							
VNIIFTRI	**0.050**	0.039														
INM(RO)	**0.018**	0.044														
INRIM	**0.010**	0.052			**0.004**	0.050	**0.045**	0.072	**-0.001**	0.057	**0.022**	0.059	**0.001**	0.054	**-0.010**	0.065
BEV	**0.006**	0.030	**-0.004**	0.050			**0.041**	0.058	**-0.006**	0.038	**0.018**	0.041	**-0.003**	0.033	**-0.014**	0.050
CMI	**-0.035**	0.060	**-0.045**	0.072	**-0.041**	0.058			**-0.047**	0.065	**-0.023**	0.066	**-0.044**	0.062	**-0.055**	0.072
METAS	**0.011**	0.041	**0.001**	0.057	**0.006**	0.038	**0.047**	0.065			**0.023**	0.050	**0.002**	0.043	**-0.009**	0.057
CEM	**-0.012**	0.044	**-0.022**	0.059	**-0.018**	0.041	**0.023**	0.066	**-0.023**	0.050			**-0.021**	0.046	**-0.032**	0.059
MIKES	**0.009**	0.036	**-0.001**	0.054	**0.003**	0.033	**0.044**	0.062	**-0.002**	0.043	**0.021**	0.046			**-0.011**	0.054
SP	**0.020**	0.052	**0.010**	0.065	**0.014**	0.050	**0.055**	0.072	**0.009**	0.057	**0.032**	0.059	**0.011**	0.054		
KIM-LIPI	**-0.01**	0.09					**Not computed**									

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, APMP.AUV.A-K3.1, and APMP.AUV.A-K3

MEASURAND : Pressure sensitivity level of laboratory standard microphone type LS2P

FREQUENCIES: 250 Hz and 1000 Hz

Degrees of equivalence relative to the key comparison reference values (unit is dB re 1 V/Pa)

Lab *i* ⇩	Frequency 250 Hz	
	D_i / dB	U_i / dB
CENAM	0.014	0.052
NMIA	0.004	0.035
DPLA	-0.004	0.025
GUM	-0.016	0.045
INMETRO	0.001	0.040
KRISS	0.008	0.026
LNE	0.016	0.026
NIM	-0.009	0.045
NIST	-0.001	0.035
NMIJ	-0.016	0.082
NPL	-0.006	0.026
NRC	-0.006	0.035
PTB	0.004	0.035
UME	0.007	0.073
VNIIFTRI	-0.016	0.035
NPLI	0.015	0.073
GUM	-0.010	0.049
DNDI "Systema"	-0.040	0.067
VNIIFTRI	0.052	0.039
INM(RO)	0.018	0.044

	Frequency 250 Hz	
	D_i / dB	U_i / dB
INRIM	0.020	0.052
BEV	0.006	0.030
CMI	-0.040	0.060
METAS	0.018	0.041
CEM	-0.011	0.044
MIKES	0.009	0.033
SP	0.018	0.052
KIM-LIPI	0.00	0.09
NIMT	0.02	0.04
CMS/ITRI	0.01	0.04
NMIA	0.00	0.04
NPLI	-0.02	0.05
SCL	-0.01	0.04
NML-SIRIM	0.03	0.04
NMIJ	-0.01	0.05
NIM	-0.01	0.05
NMC, A*STAR	0.01	0.04
KRISS	0.01	0.04

	Frequency 1000 Hz	
	D_i / dB	U_i / dB
CENAM	0.013	0.052
NMIA	0.002	0.035
DPLA	-0.004	0.025
GUM	-0.017	0.045
INMETRO	0.000	0.040
KRISS	0.008	0.026
LNE	0.013	0.027
NIM	-0.010	0.045
NIST	-0.004	0.035
NMIJ	-0.027	0.082
NPL	0.003	0.026
NRC	-0.008	0.035
PTB	0.003	0.035
UME	0.006	0.073
VNIIFTRI	-0.013	0.035
NPLI	0.005	0.073
GUM	-0.004	0.049
DNDI "Systema"	-0.034	0.058
VNIIFTRI	0.050	0.039
INM(RO)	0.018	0.044

	Frequency 1000 Hz	
	D_i / dB	U_i / dB
INRIM	0.010	0.052
BEV	0.006	0.030
CMI	-0.035	0.060
METAS	0.011	0.041
CEM	-0.012	0.044
MIKES	0.009	0.036
SP	0.020	0.052
KIM-LIPI	-0.01	0.09
NIMT	0.02	0.04
CMS/ITRI	0.01	0.04
NMIA	-0.01	0.04
NPLI	-0.01	0.05
SCL	-0.01	0.04
NML-SIRIM	0.03	0.04
NMIJ	0.00	0.05
NIM	-0.01	0.05
NMC, A*STAR	0.01	0.04
KRISS	0.01	0.04

Black: participants in CCAUV.A-K3

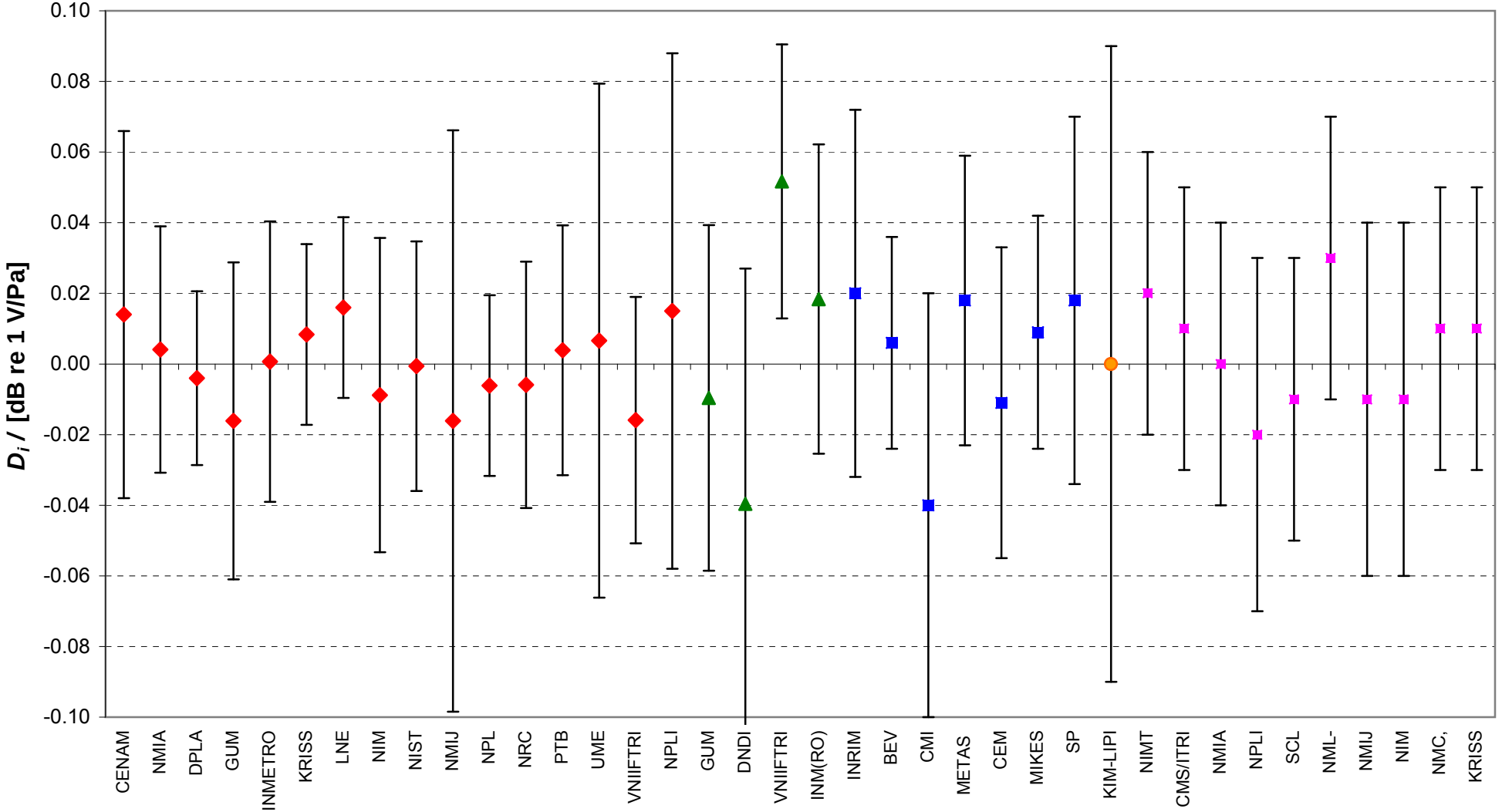
Green: participants in COOMET.AUV.A-K3

Blue: participants in EUROMET.AUV.A-K3

Orange: participant in APMP.AUV.A-K3.1

Pink: participants in APMP.AUV.A-K3

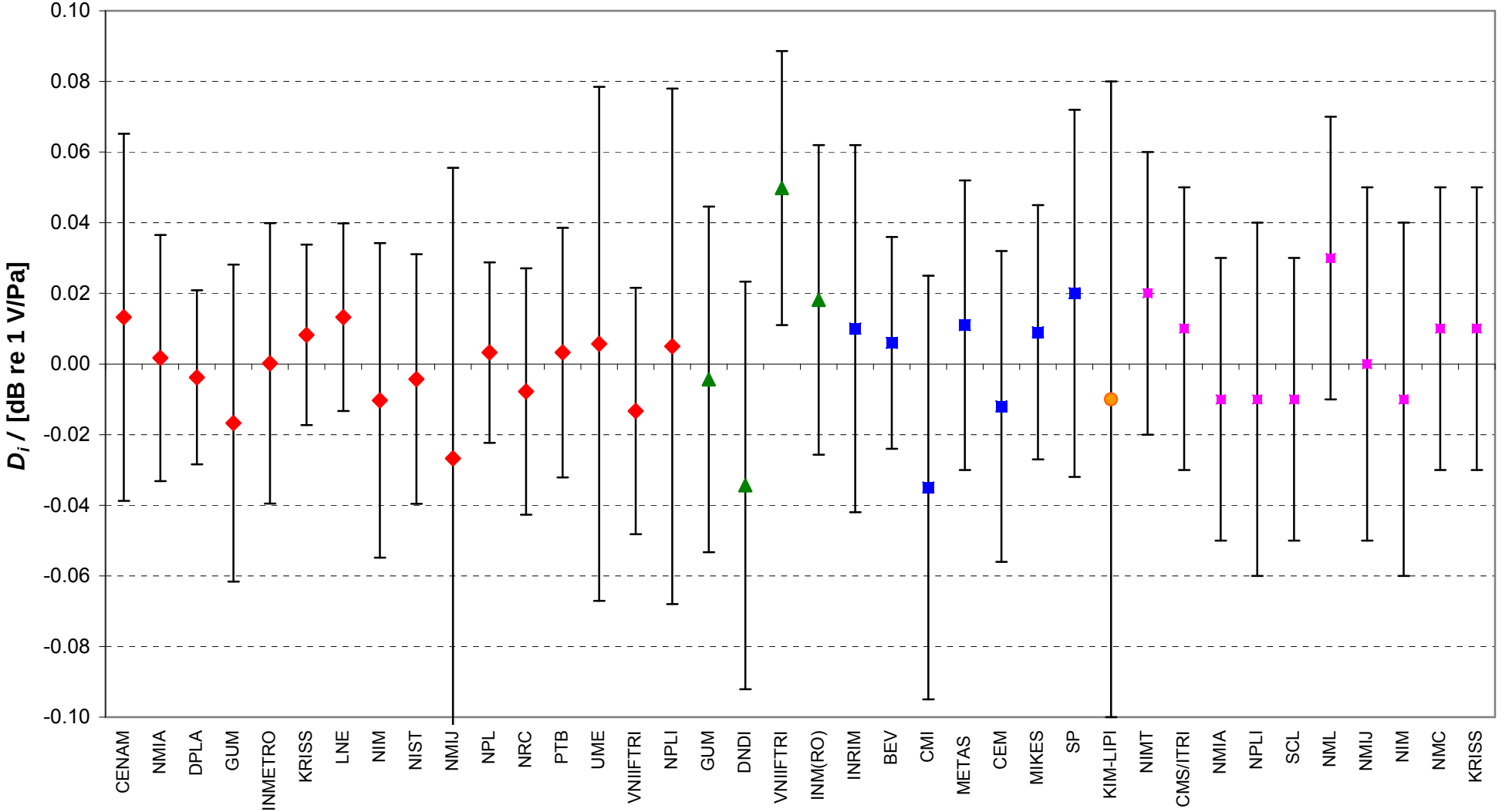
CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, APMP.AUV.A-K3.1, and APMP.AUV.A-K3
Microphone LS2P, frequency 250 Hz
Degrees of equivalence [D_i and its expanded uncertainty U_i (k = 2)]



Red diamonds: participants in CCAUV.A-K3
Green triangles: participants in COOMET.AUV.A-K3

Blue squares: participants in EUROMET.AUV.A-K3
Orange circle: participant in APMP.AUV.A-K3.1
Pink squares: participants in APMP.AUV.A-K3

CCAUV.A-K3, COOMET.AUV.A-K3, EUROMET.AUV.A-K3, APMP.AUV.A-K3.1, and APMP.AUV.A-K3
Microphone LS2P, frequency 1000 Hz
Degrees of equivalence [D_i and its expanded uncertainty U_i (k = 2)]



Red diamonds: participants in CCAUV.A-K3
Green triangles: participants in COOMET.AUV.A-K3

Blue squares: participants in EUROMET.AUV.A-K3
Orange circle: participant in APMP.AUV.A-K3.1
Pink squares: participants in APMP.AUV.A-K3