BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence D_k = [*UTC* - *UTC*(*k*)] for January 2025
Computed 2025 FEBRUARY 12, 11h UTC

Coordinated Universal Time **UTC** and its local realizations **UTC(*k*)** in National Metrology Institutes and Designated Institutes.
Computed values of **[*UTC* - *UTC*(*k*)]** and uncertainties valid for the period of this publication

Date 2025 0h UTC	JAN 4	JAN 9	JAN 14	JAN 19	JAN 24	JAN 29	Uncertainty/ns			
MJD	60679	60684	60689	60694	60699	60704				
Laboratory *k*			[*UTC* - *UTC*(*k*)]/ns				U_a	U_b	U_k	
BelGIM	-1.1	-1.3	-0.5	-1.1	-1.0	-0.8	3.0	6.2	6.8	
BEV	-26.3	-20.4	-19.9	-16.7	-12.0	-6.6	0.4	5.8	5.8	
BFKH	-	1094.5	1145.0	1185.2	1230.2	1278.9	1.4	14.2	14.2	
BIM	2850.6	2905.7	2957.2	3001.8	3050.4	3101.9	0.4	5.2	5.2	
BMM	2612.4	2627.0	2655.6	2686.0	2699.3	2736.2	0.4	5.6	5.6	
BSJ	12.2	25.0	16.4	12.4	9.1	33.8	14.0	14.0	19.8	
CENAM	-3.4	-	-6.2	-5.6	-3.0	2.9	6.0	8.8	10.6	
CENAMAP AIP	4.0	4.2	-6.3	2.2	0.1	-6.3	0.4	11.0	11.0	
DEF-NAT	-7015.6	-7106.4	-7196.7	-7281.0	-7378.4	-7474.4	1.4	5.2	5.4	
DFM	40.7	45.2	49.2	53.5	58.1	62.4	0.4	5.4	5.4	
DZM	53.1	54.1	56.8	58.5	66.4	66.6	0.4	5.2	5.2	
EMI	-	-	-	-	-	-				
ESA	2.8	3.0	2.9	2.0	1.5	0.8	0.4	5.4	5.4	
FTMC	712.9	716.1	717.5	742.4	753.6	752.3	0.4	5.2	5.2	
GUM	-0.7	-0.7	-0.5	-0.3	0.2	0.9	0.4	2.0	2.0	
IBMETRO	413.7	411.9	399.5	-	-	-	8.0	15.2	17.2	
ILNAS	-13.7	-12.1	-15.5	-26.8	-30.7	-45.6	0.4	5.4	5.4	
IMBIH	4.4	2.1	3.0	0.3	0.9	6.3	0.4	5.6	5.6	
INACAL	-12.0	-30.7	-48.1	-53.3	-51.0	-39.6	10.0	NC	-	(*)
INM	-	-	-	-	-	-				
INM(CO)	-44.5	-30.5	-31.7	-26.2	-17.6	-21.5	6.0	NC	-	(*)
INMETRO	3.7	-2.7	3.9	-2.6	4.4	-1.4	0.4	6.4	6.4	
INPL	-48.1	-46.4	-48.9	-52.0	-64.2	-70.9	0.4	15.2	15.2	
INRIM	0.7	0.7	0.8	0.5	0.3	0.2	0.4	2.0	2.0	
INTI	-	203.9	206.0	212.5	220.0	210.8	1.4	6.8	7.0	
IPE/ASCR	-1.4	-9.0	-9.4	-3.3	-5.5	-9.1	0.4	6.0	6.0	
IPQ	1701.0	1703.0	1717.3	1721.0	1736.5	1747.8	1.4	6.0	6.2	

JV	0.4	0.0	-0.7	-3.0	-2.5	-1.0	0.4	9.6	9.6	
KazStandard	0.3	-0.3	-0.7	-0.7	-0.8	-0.7	1.4	8.6	8.8	
KRISS	-0.6	-0.5	0.2	3.2	3.1	0.2	0.4	5.8	5.8	
LAMETRO-ICE	-16.7	-22.9	-35.1	-40.0	-37.9	-25.6	0.4	14.2	14.2	
LNE-OP	0.8	0.9	0.4	0.7	1.3	1.3	0.4	2.0	2.0	
MASM	-1254.1	-1404.5	-1542.7	-1659.5	-843.1	-951.3	2.0	7.0	7.2	
METAS	-0.4	-2.0	-2.1	-1.3	-0.6	-1.9	0.4	2.0	2.0	
MIKES	7.1	9.3	10.7	10.0	8.9	8.5	0.4	5.2	5.2	
MIRS/SIQ/Metrology	836.0	839.4	850.8	870.3	873.0	878.6	0.4	8.2	8.2	
MSL	22.2	30.6	18.8	15.1	5.7	1.8	1.4	5.8	6.0	
NICT	1.5	1.2	1.4	1.7	2.0	2.1	0.4	3.6	3.6	
NIM	1.7	1.8	1.8	1.5	1.5	1.1	0.4	3.8	3.8	
NIMT	-11.8	-5.3	14.7	12.6	2.4	12.0	0.4	5.8	5.8	
NIS	-45.7	-27.9	-15.2	3.3	20.7	33.1	1.4	14.4	14.4	
NIST	0.6	0.4	0.6	0.5	0.8	0.6	0.4	4.0	4.0	
NMC, A*STAR	0.4	5.9	10.4	4.4	-1.4	-3.4	0.4	5.2	5.2	
NMIA	73.3	59.7	60.4	65.1	68.3	73.3	0.4	5.8	5.8	
NMIJ AIST	19.0	0.7	-8.8	-14.5	-24.1	-13.4	0.4	5.6	5.6	
NMIM	159.0	163.0	113.0	72.4	25.4	-28.3	0.4	5.4	5.4	
NMISA	-11.9	-3.0	16.6	18.4	12.3	1.2	14.0	7.0	15.6	
NPL	2.8	3.7	3.2	1.9	2.0	1.8	0.4	2.0	2.0	
NPLI	0.2	0.2	0.3	-0.2	-0.0	0.0	0.4	5.2	5.2	
NRC	-0.1	0.1	-0.2	-0.4	-0.5	-0.7	0.4	5.2	5.2	
NSAI NML	-6.5	-	225.6	48.8	69.0	117.0	0.8	14.6	14.6	
NSC IM	-7.0	-	-1.7	-	-6.8	0.4	6.0	14.8	16.0	
ON/DSHO	-7.2	-3.3	-5.2	-4.2	-1.5	-0.7	1.4	6.4	6.6	
PTB	-0.5	-0.5	-0.2	-0.2	-0.1	-0.1	0.4	2.0	2.0	
RISE	-0.5	-0.6	-0.6	-0.9	-1.0	-1.2	0.4	2.0	2.0	
ROA	-1.3	-1.1	-1.5	-1.6	-1.4	-1.6	0.4	2.0	2.0	
SASO-NMCC	153.7	172.9	183.0	193.2	208.9	223.0	0.4	7.4	7.4	
SCL	-24.1	-15.1	-9.3	-1.6	15.5	16.8	0.4	7.2	7.2	
SMD	0.2	0.5	0.5	0.4	0.5	0.7	0.4	8.0	8.0	
SMU	-	-	-	-	-	-	1.4	NC	-	(*)
SNSU-BSN	-598.6	-597.3	-615.5	-638.2	-656.3	-672.7	0.4	NC	-	(*)
TL	0.4	-0.1	0.3	-0.0	-0.1	1.1	0.4	3.6	3.6	
UME	-0.6	0.6	1.0	-1.3	0.2	0.2	0.4	8.0	8.0	
UzNIM	-186.6	-194.8	-182.3	-175.7	-157.5	-139.1	0.4	14.2	14.2	
VMI-STAMEQ	5.0	22.6	28.7	12.0	-25.0	-0.2	1.4	5.6	5.8	
VNIIFTRI	-0.7	-0.4	-0.5	-0.1	-0.1	-0.2	0.4	4.2	4.2	
VSL	2.5	1.8	1.3	1.5	2.3	2.7	0.4	2.2	2.2	
ZMDM	-13.8	-7.0	-10.0	-5.7	4.8	14.0	1.4	14.8	14.8	

(*) $\boldsymbol{U_a}$ expanded uncertainty guarantees only the traceability in frequency