

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
 Degrees of equivalence $D_k = [UTC - UTC(k)]$ for September 2024
 Computed 2024 OCTOBER 15, 07h 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 2024 0h UTC MJD	SEP 1	SEP 6	SEP 11	SEP 16	SEP 21	SEP 26	Uncertainty/ns			
	60554	60559	60564	60569	60574	60579	U_a	U_b	U_k	
Laboratory k	$[UTC - UTC(k)]/ns$									
BelGIM	0.2	0.5	0.8	-2.2	-3.3	-4.2	3.0	6.0	6.6	
BEV	-34.0	-35.8	-40.5	-38.1	-51.5	-45.1	0.4	5.8	5.8	
BFKH	11867.9	11911.0	11960.2	12004.7	12055.4	12109.8	1.4	14.2	14.2	
BIM	1644.6	1693.4	1742.4	1784.1	1834.5	1885.8	0.4	5.2	5.2	
BMM	2041.1	2062.4	2081.4	2124.2	2137.2	2166.6	0.4	5.6	5.6	
BSJ	16.1	29.8	44.7	28.2	16.2	32.0	14.0	14.0	19.8	
CENAM	2.0	0.9	3.9	-3.1	-2.9	-4.2	6.0	8.6	10.4	
CENAMAP AIP	6.1	-4.6	-2.2	-14.7	0.9	-3.6	0.4	11.0	11.0	
DEF-NAT	-4778.3	-4878.1	-4974.6	-5061.2	-5153.9	-5235.1	1.4	5.2	5.4	
DFM	11.2	12.6	14.6	15.8	3.1	3.5	0.4	5.4	5.4	
DZM	59.0	62.9	63.2	62.5	64.3	65.8	0.4	5.2	5.2	
EMI	-	-	-	-	-	-				
ESA	0.1	-0.7	-0.5	1.0	2.1	2.2	0.4	5.4	5.4	
FTMC	492.4	507.0	500.4	514.4	523.8	539.5	0.4	5.2	5.2	
GUM	3.9	4.0	4.0	4.0	3.9	3.8	0.6	6.0	6.0	
IBMETRO	371.7	367.3	367.4	-	363.2	381.6	8.0	15.2	17.2	
ILNAS	-7.3	-5.2	-3.5	-3.3	3.2	6.6	0.4	5.2	5.2	
IMBIH	2.1	0.8	1.5	2.0	0.9	2.3	1.4	5.4	5.6	
INACAL	-41.8	-11.8	-30.1	-26.0	-	12.3	10.0	NC	-	(*)
INM	479.3	480.5	488.9	496.0	492.7	493.6	0.4	15.6	15.6	
INM(CO)	-16.0	-13.0	-16.9	1.1	15.1	-4.2	6.0	NC	-	(*)
INMETRO	-1.4	-3.0	3.5	2.6	-2.0	2.1	0.4	6.4	6.4	
INPL	-41.1	-33.8	-39.6	-40.0	-29.3	-20.4	0.4	15.2	15.2	
INRIM	-0.4	0.1	0.4	0.2	0.0	-0.4	0.4	4.0	4.0	
INTI	175.8	169.5	171.9	184.6	176.5	181.1	0.4	6.2	6.2	
IPE/ASCR	-6.0	3.7	4.8	15.0	25.1	28.6	0.4	5.8	5.8	
IPQ	1488.7	1484.8	1494.6	1511.9	1523.6	1524.4	1.0	5.8	5.8	

JV	-3.0	-3.1	-2.3	-1.4	-2.2	-0.6	0.4	9.6	9.6
KazStandard	-4.5	-4.9	-4.7	-3.9	-3.4	-3.3	1.4	8.4	8.6
KRISS	-1.0	-0.9	-0.7	2.5	3.7	4.2	0.4	5.8	5.8
LAMETRO-ICE	10.6	23.0	33.6	41.9	50.7	63.8	0.4	14.0	14.0
LNE-SYRTE	0.8	1.0	1.1	0.9	2.0	2.1	0.4	3.4	3.4
MASM	163.9	31.4	-102.5	-235.0	-379.1	-527.1	1.4	7.0	7.2
METAS	-2.2	-1.7	-0.9	0.5	0.7	-1.9	0.4	3.6	3.6
MIKES	-3.3	-4.4	-4.5	-4.6	-5.6	-5.5	0.4	5.2	5.2
MIRS/SIQ/Metrology	525.5	520.7	529.9	532.8	535.6	559.4	0.4	8.0	8.0
MSL	-10.5	-21.6	-21.4	-15.9	-20.9	-2.1	1.4	5.6	5.8
NICT	-2.7	-3.4	-3.2	-3.6	-4.1	-4.5	0.4	3.4	3.4
NIM	0.4	0.2	0.2	0.3	0.2	0.2	0.4	3.6	3.6
NIMT	-2.5	7.3	12.4	15.1	15.0	9.4	0.4	5.8	5.8
NIS	2.9	3.6	8.8	11.4	15.2	12.4	1.4	14.4	14.4
NIST	-0.9	-1.5	-1.3	-0.8	-0.2	-0.2	0.4	5.4	5.4
NMC, A*STAR	3.4	-8.2	-11.7	-12.7	-13.4	-0.8	0.4	5.2	5.2
NMIA	-22.9	-21.6	-36.0	-43.4	-43.0	-26.0	0.4	5.8	5.8
NMIJ AIST	315.5	323.7	328.7	-5.9	-28.1	-54.4	0.8	5.6	5.6
NMIM	-43.8	-32.8	-27.3	-19.5	-10.6	3.6	0.4	5.2	5.2
NMISA	4.7	6.1	3.9	1.7	9.9	1.9	3.0	7.0	7.6
NPL	1.5	2.1	3.2	2.3	0.1	1.2	0.4	3.6	3.6
NPLI	2.0	2.0	2.0	1.5	1.0	0.4	0.4	5.2	5.2
NRC	0.2	0.0	-0.2	-0.1	-0.2	-0.2	0.4	5.2	5.2
NSAI NML	93.3	75.6	64.3	39.8	16.9	4.4	0.4	14.6	14.6
NSC IM	-2.4	-	-	6.7	3.5	-7.8	6.0	14.8	16.0
ON/DSHO	0.6	-1.6	3.7	1.5	-1.3	-0.6	1.4	6.2	6.4
PTB	-1.0	-1.0	-1.0	-1.0	-1.1	-0.9	0.4	3.4	3.4
RISE	-1.5	-1.4	-0.9	-0.9	-0.7	-0.3	0.4	3.8	3.8
ROA	-3.2	-3.8	-3.1	-2.8	-2.9	-2.8	0.4	3.6	3.6
SASO-NMCC	-26.3	-26.5	-23.5	-21.2	-10.7	-0.5	1.4	7.6	7.8
SCL	-7.6	-5.3	-6.4	-2.6	-5.1	-2.8	0.4	7.2	7.2
SMD	-0.5	-0.1	0.6	1.7	0.4	-0.5	0.4	7.4	7.4
SMU	-	-	-	-	-	-	-	-	-
SNSU-BSN	-306.4	-320.7	-315.5	-312.7	-326.5	-353.9	0.4	NC	- (*)
TL	-0.6	-0.6	-0.0	0.2	0.6	0.9	0.4	3.4	3.4
UME	0.3	-1.8	-1.7	-0.2	-2.5	-1.6	0.4	7.8	7.8
UzNIM	131.8	121.1	108.7	96.9	76.6	65.8	0.4	14.2	14.2
VMI-STAMEQ	-17.0	-21.9	-4.8	14.2	16.0	3.4	1.4	5.8	6.0
VNIIFTRI	-1.2	-1.1	-1.4	-1.2	-1.3	-1.3	0.4	4.0	4.0
VSL	7.0	5.2	3.4	2.3	2.1	1.5	0.4	3.6	3.6
ZMDM	6.7	13.4	-4.6	-5.9	4.2	-2.6	0.4	7.8	7.8

(*) U_{α} expanded uncertainty guarantees only the traceability in frequency