

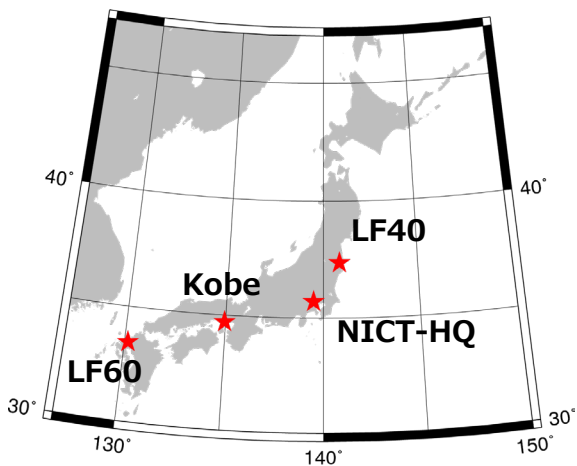


# Station Report Asia link/Eu-link Status

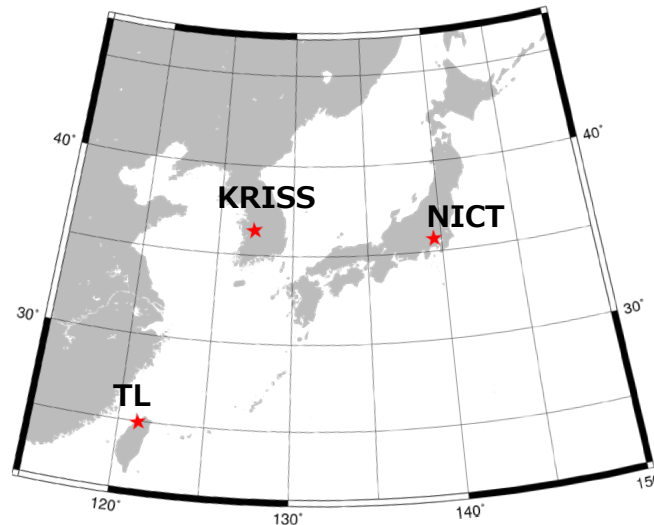
**Mamoru Sekido**

# Regular Links

Link (Satellite)	Participating stations	Note
Domestic (E172B)	NICT HQ, LF40, LF60, Kobe	Operation with SRS Modem
Asia (E172B)	TL, KRISS	Operation with SRS Modem
Eu-Asia (Express-80)	PTB, SU, PL, NTSC, NIM, KRISS, NICT	Restarted with Eexpress-80 since Jan. 2022 Operation with SATRE Modem



**Domestic Link for distributed Japan Standard Time system**



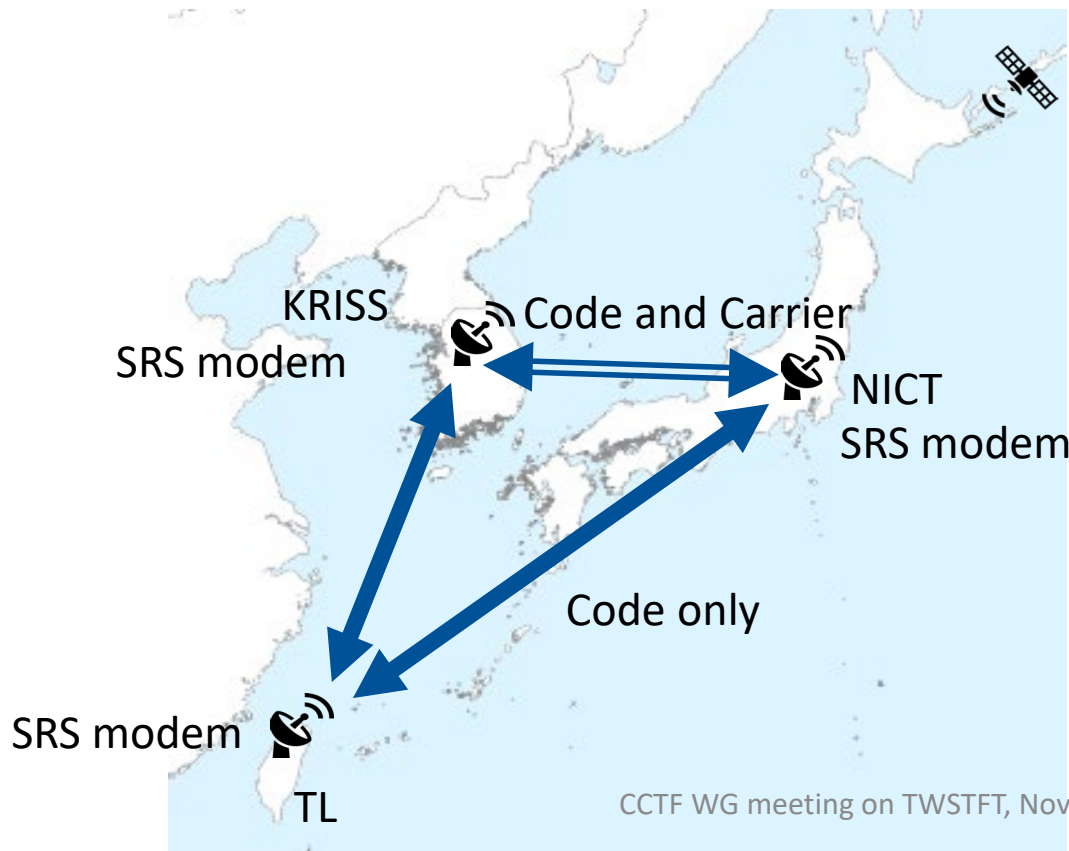
**TWSTFT link in east Asia**



**SRS modem** has both code and carrier phase measurement capability.

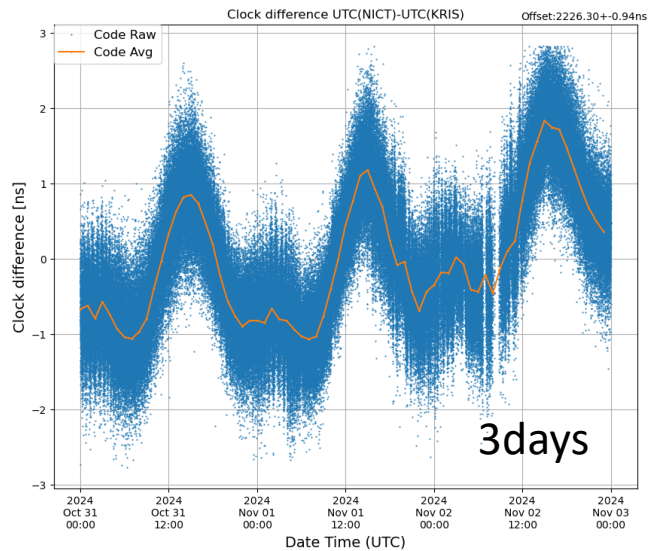
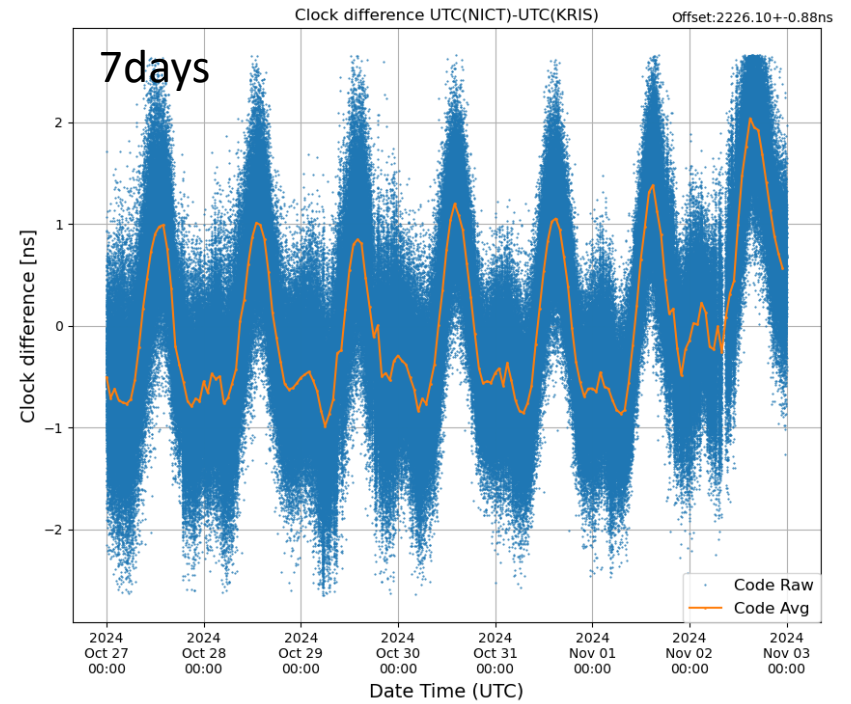
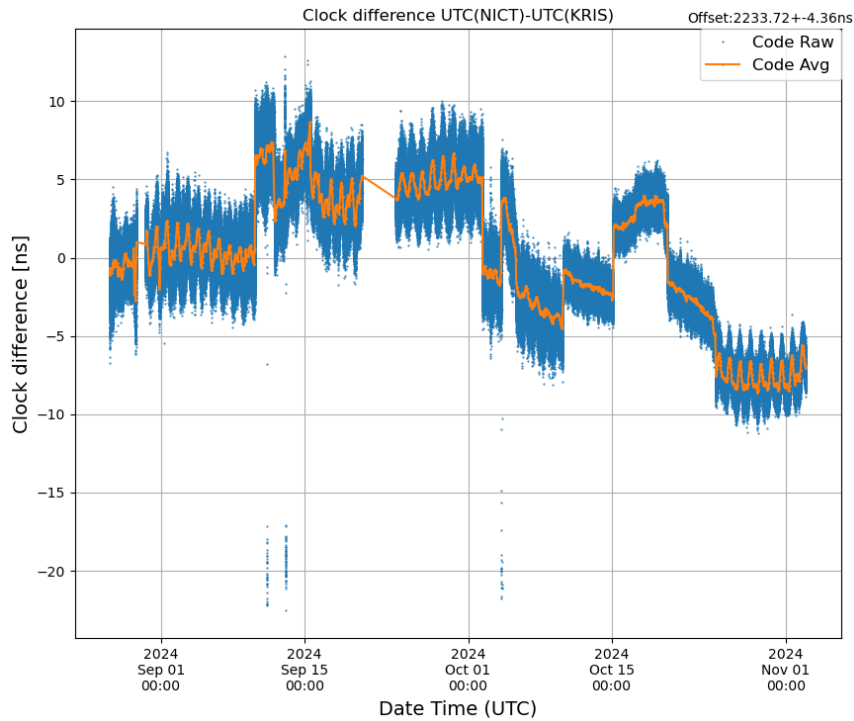
# Asia Link

Satellite	Participating stations	Modem	Chip rate	Events
E172B	NICT, TL, KRISS	SRS modem	1 Mcps	<ul style="list-style-type: none"><li>Data server was down on 21 Apr. and recovery.</li></ul>



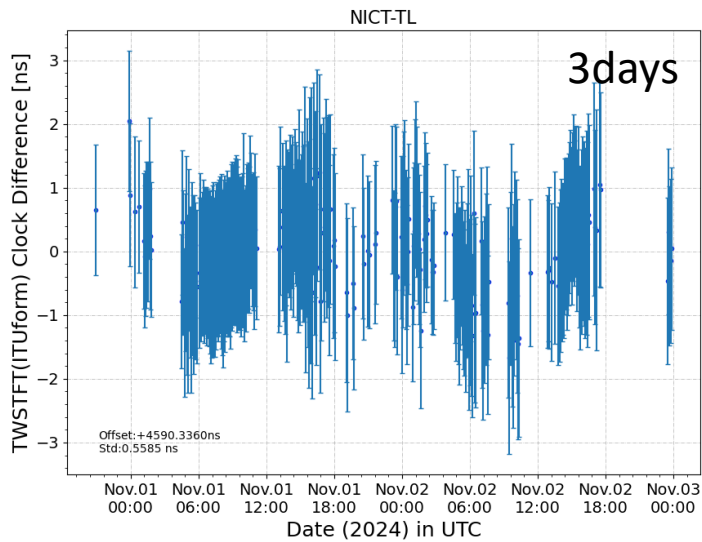
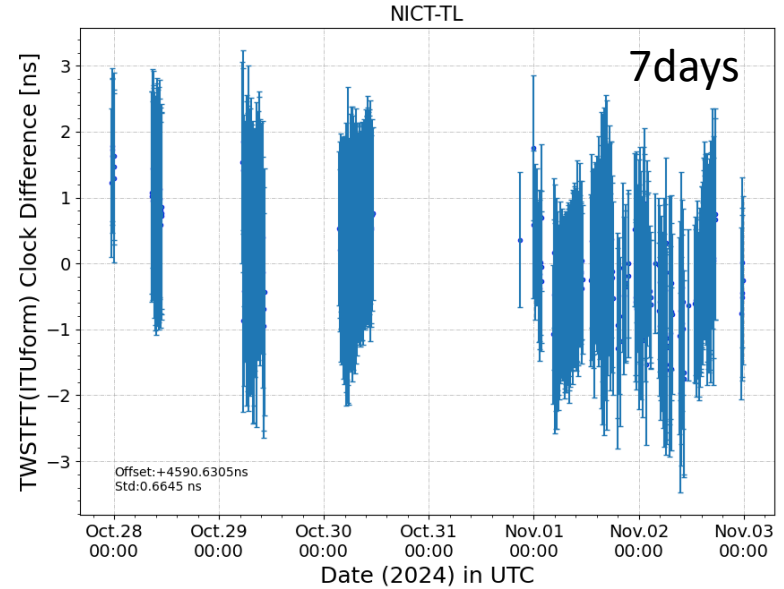
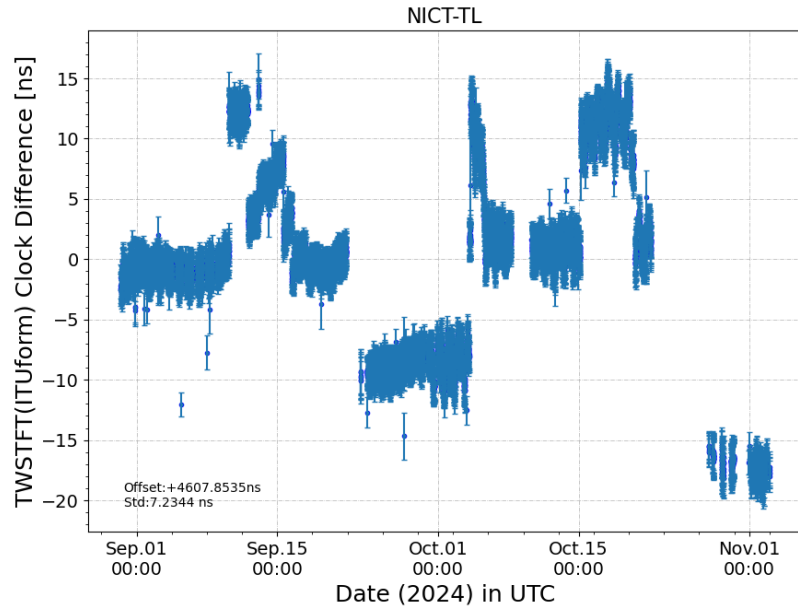
Current data acquisition (modem control) software, developed by former engineer, is no more maintained. We are going to use new control software 'srspy' developed by Dr. Kozuki in near future.

# NICT-KRISS



- There is daily variation with p-p 2ns amplitude.
- One of possible reason is Modem time-set error. But it is un-known.

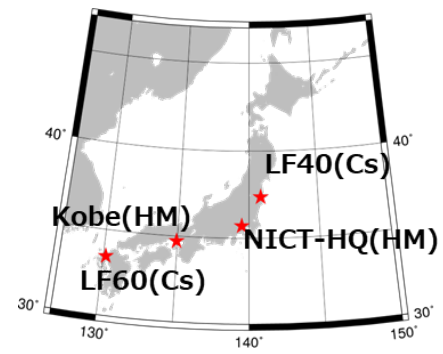
# NICT-TL



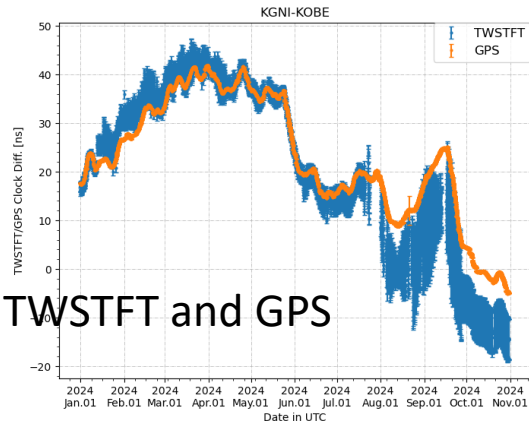
- There was daily variation until Oct.
- Re-setting of modem data acquisition clock time was performed at both NICT and TL. Currently it looks disappeared.

# Appendix

# Domestic Link

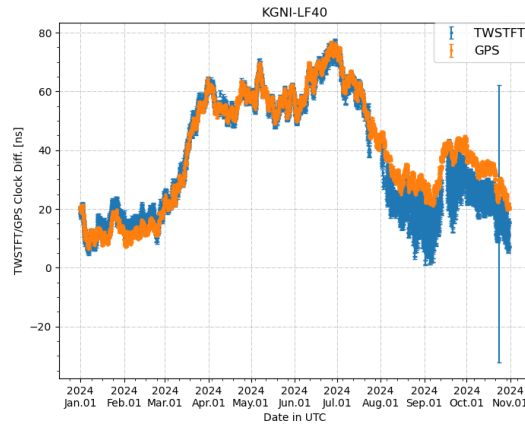


## KGNI-KOBE

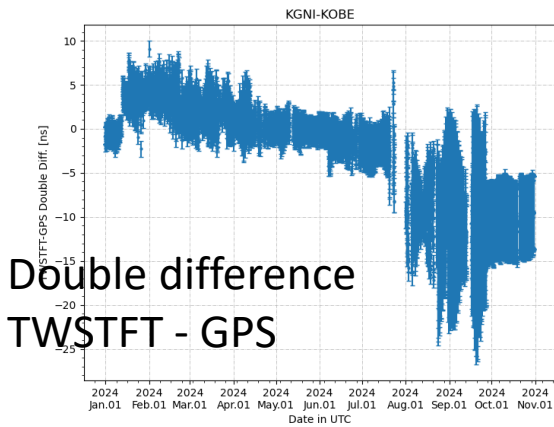
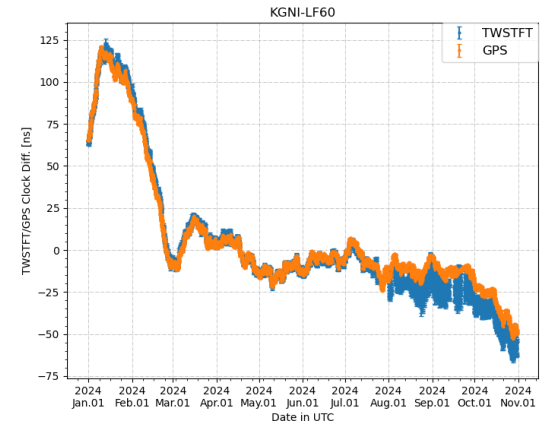


TWSTFT and GPS

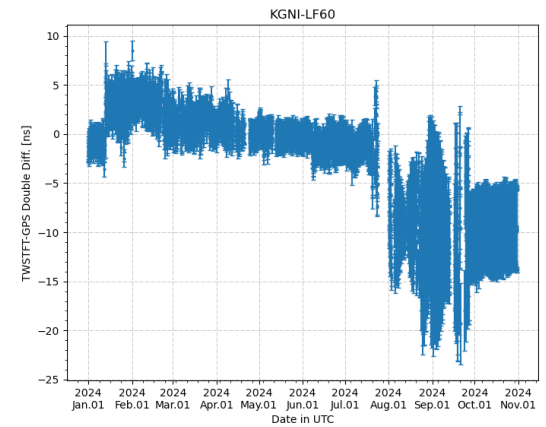
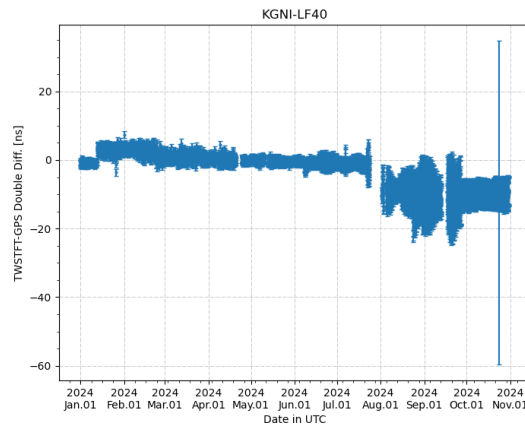
## KGNI-LF40



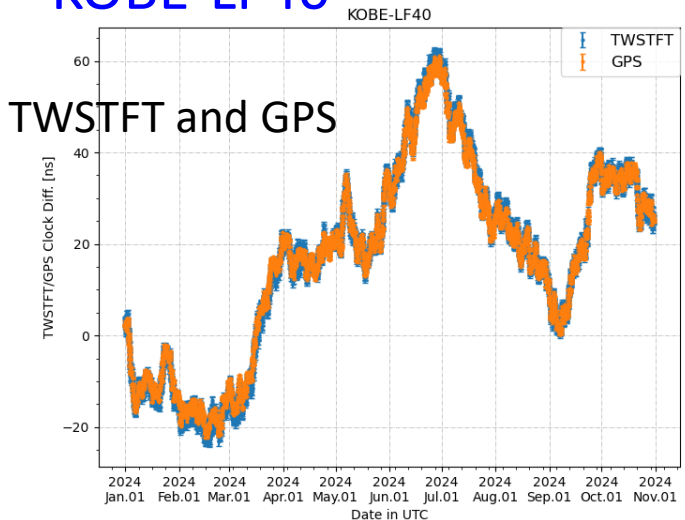
## KGNI-LF60



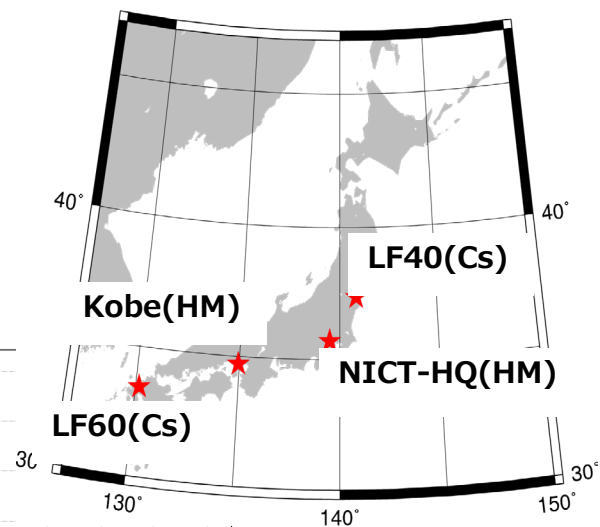
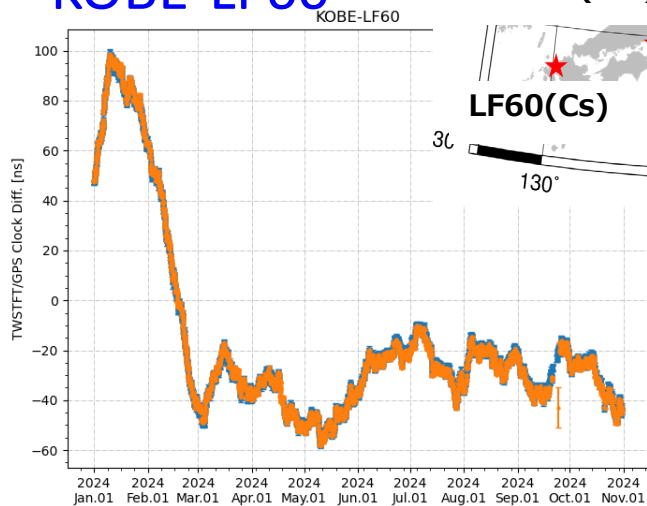
Double difference  
TWSTFT - GPS



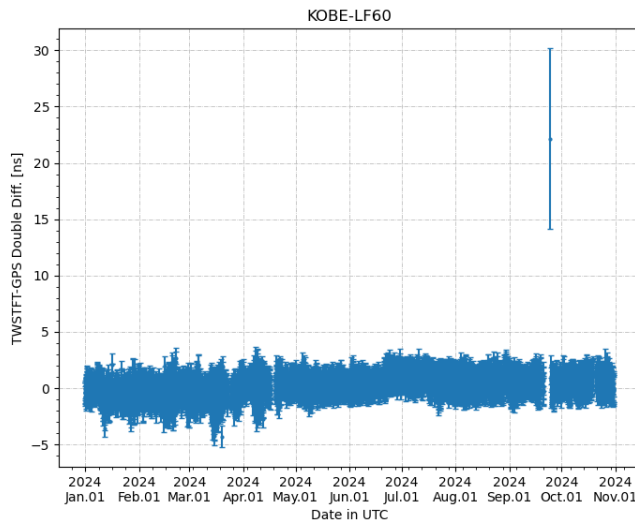
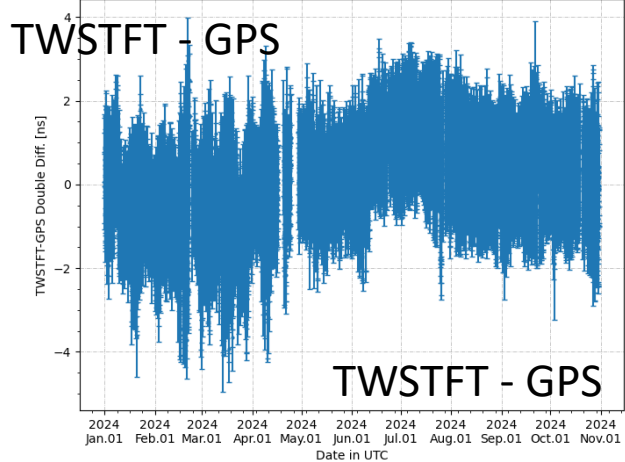
# KOBE-LF40



# KOBE-LF60



# Double difference





# EU-Asia link with Express-80

There were no problem about this link.

