

## General Information

Report Title	Holdover-Baseline Test-CLS
Report Description	
Company	SHIWA NETWORK
User Name	
Network Operator	
Test Location	
Report Date	2025-07-21 18:30:57
Beginning of Test	2025-03-17 03:50:07 (local instrument time)
End of Test	2025-03-18 03:49:27 (local instrument time)
Test Duration	00:23:59:20
Instrument Type	Sentinel
Instrument Serial Number	400188
Software Version	2.14.0.0.6417-20220728
CAT Version	27.0.21154.2116 [S]
Notes	

## Mask results:

All Mask Results	Pass
Mask C Time Error Result	Pass

## Instrument Test Configuration

Frequency Reference Source		Internal - Rb
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## Channel C Test Configuration

Network / Device Under Test	
1pps TE Relative Sample Rate	1
Cable Delay Compensation	0 s
PPS Converter Used	No

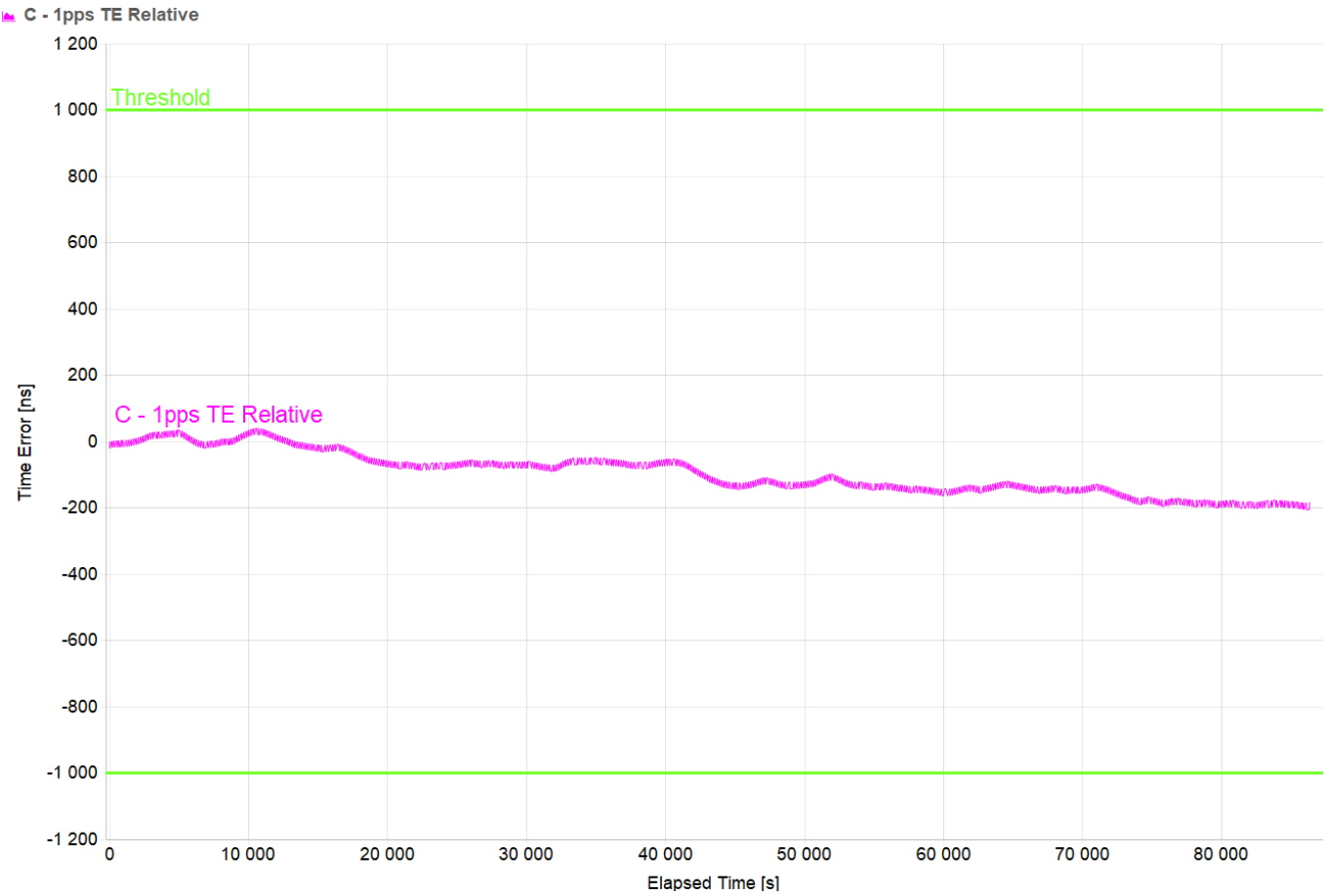
## Results

### 1pps TE Relative Measurement

Channel	C
Description	
Measurement Start	2025-03-17 03:50:07 (local instrument time)
Measurement Stop	2025-03-18 03:49:27 (local instrument time)
Mask Time Error	1 $\mu$ s
Mask Result	Pass
Mask Time Error (Filtered)	0.005 $\mu$ s
Mask Result	NoMask
Mask Avg Time Error (cTE)	0.05 $\mu$ s
Mask Result	NoMask
Mask Dynamic TE LF	1.1 $\mu$ s
Mask Result	NoMask
Mask Dynamic TE HF	0.2 $\mu$ s
Mask Result	NoMask

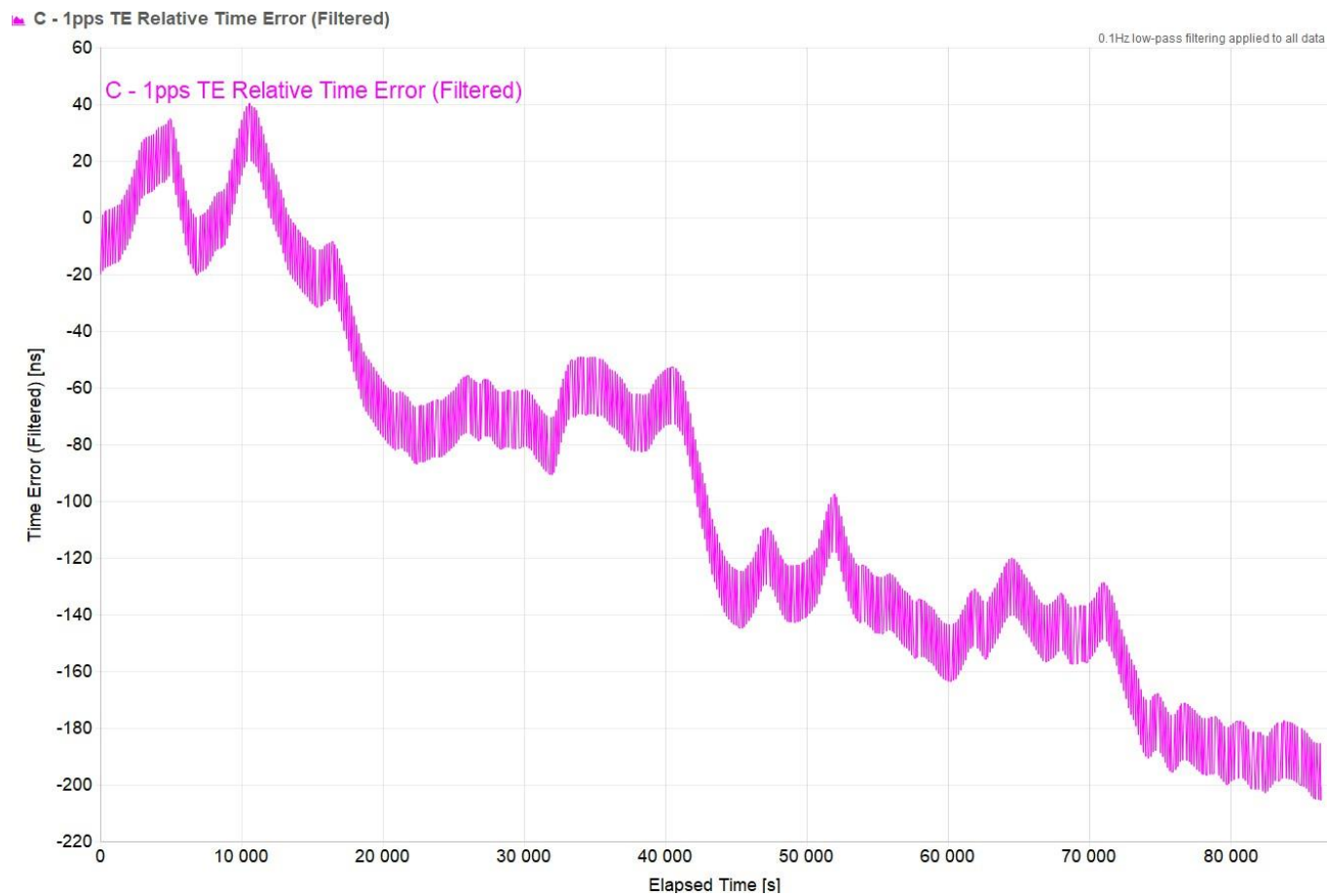
Time Error Analysis

Offset Removal Applied	Off
Zero Offset	-0.0024 ppb



Mean	-100.841 ns
Min	-205.7 ns
Max	40.7 ns
Max-Min	246.4 ns

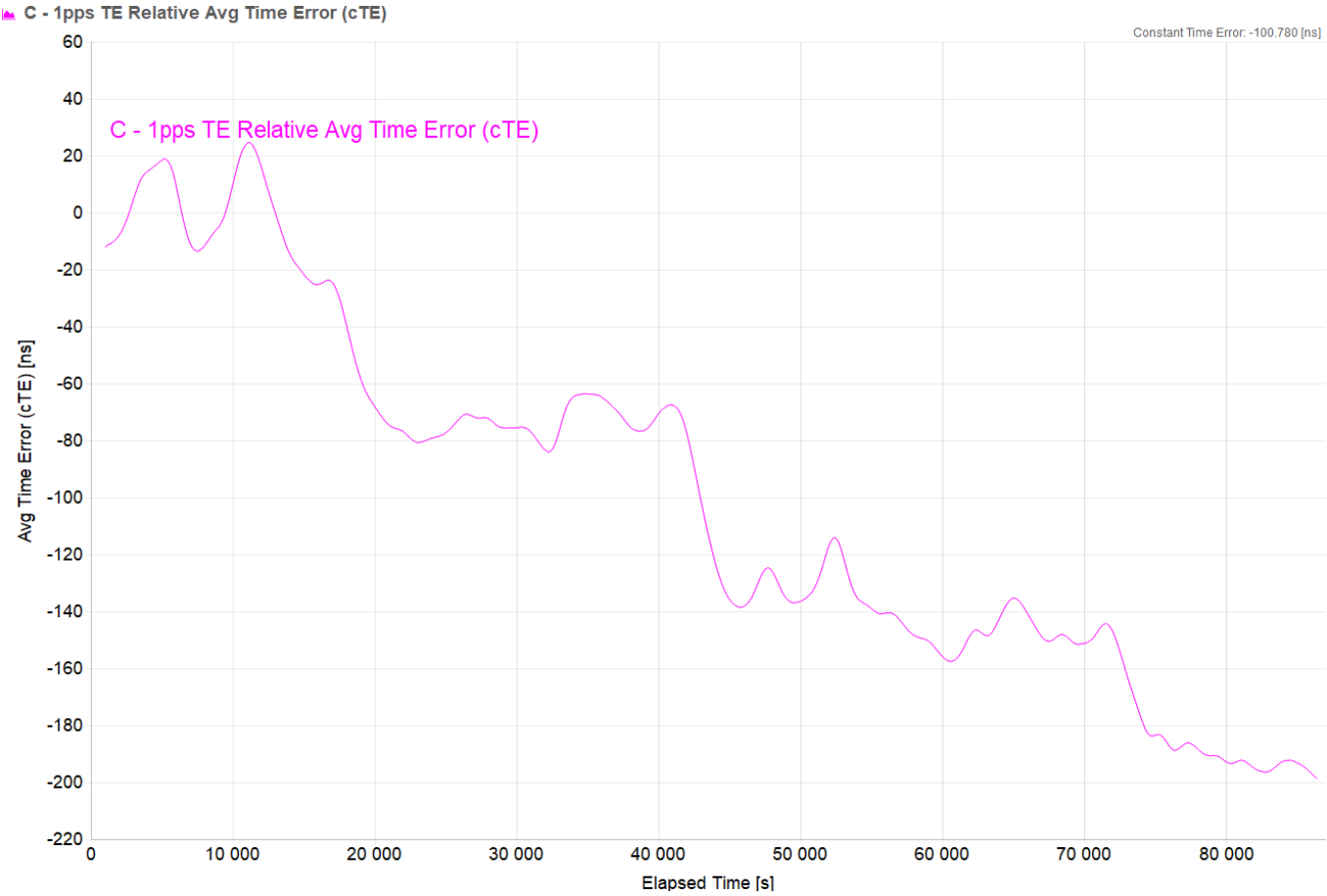
# Time Error (Filtered) Analysis



Mean	-100.854 ns
Min	-205.545 ns
Max	40.328 ns
Max-Min	245.873 ns

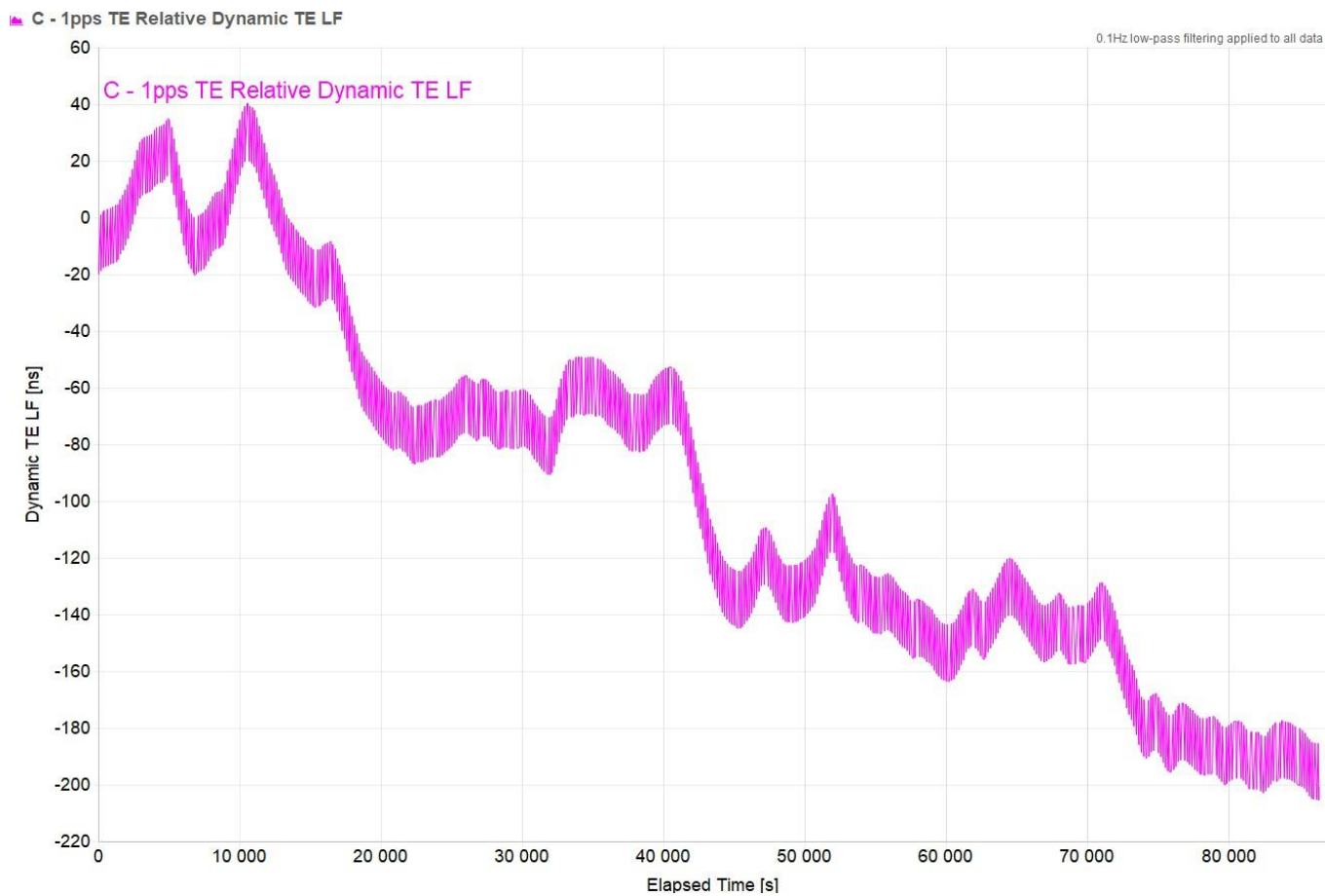
Avg Time Error (cTE) Analysis

Averaging Period	1000 s
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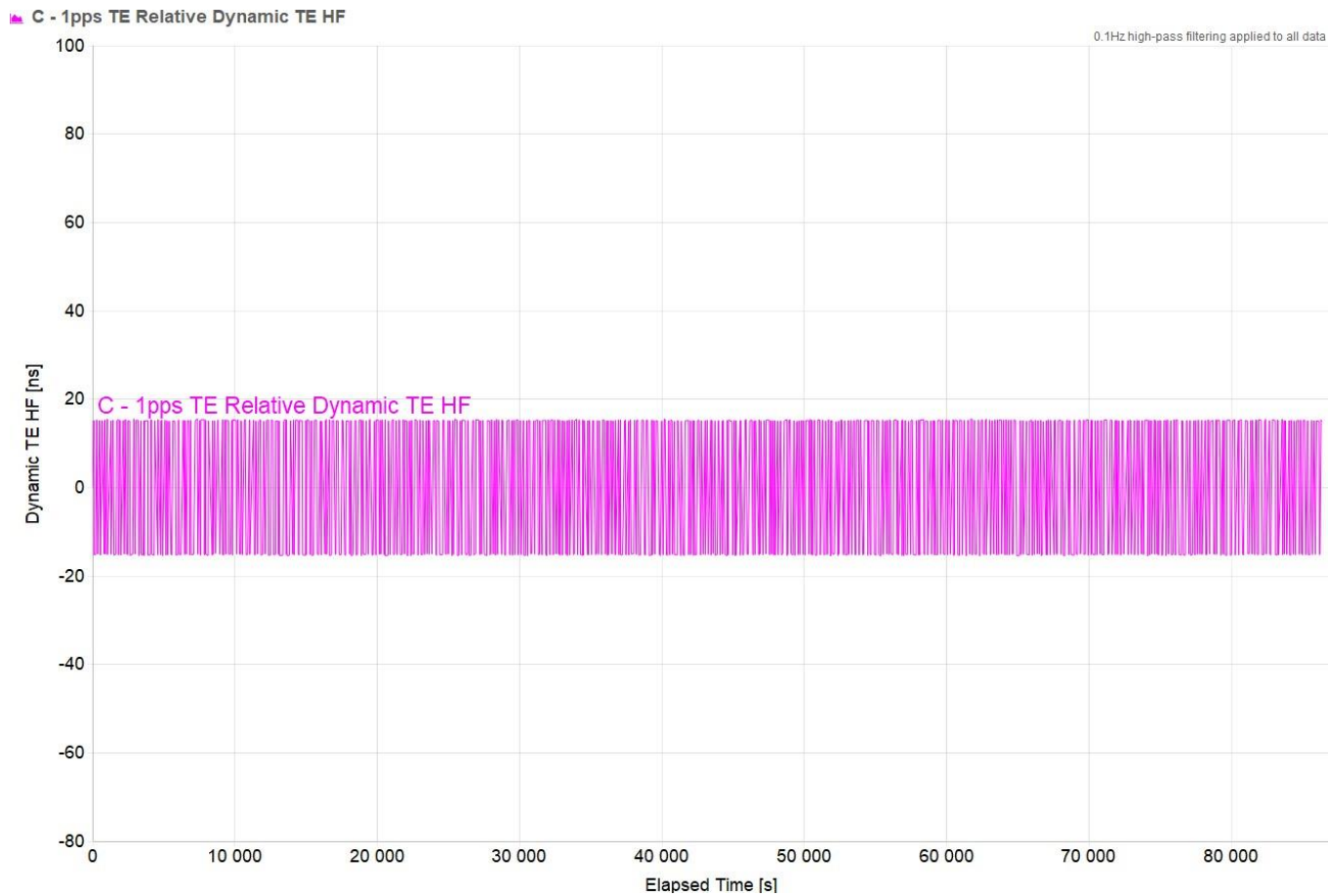
Constant Time Error	-100.78 ns
Min	-198.784 ns
Max	24.737 ns
Max-Min	223.521 ns

# Dynamic TE LF Analysis



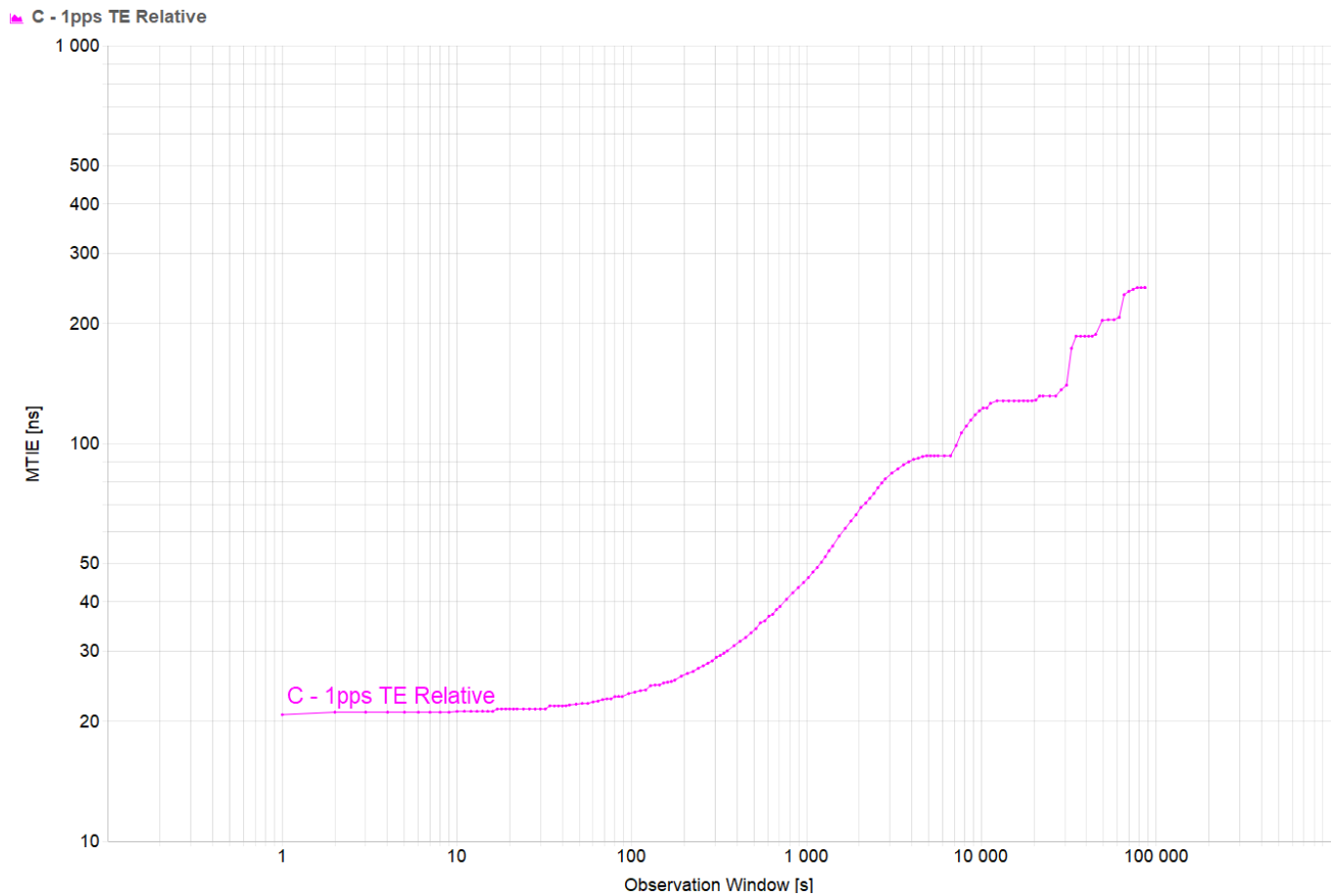
Mean	-100.854 ns
Min	-205.545 ns
Max	40.328 ns
Max-Min	245.873 ns

# Dynamic TE HF Analysis



Mean	-0.003 ns
Min	-15.468 ns
Max	15.568 ns
Max-Min	31.036 ns

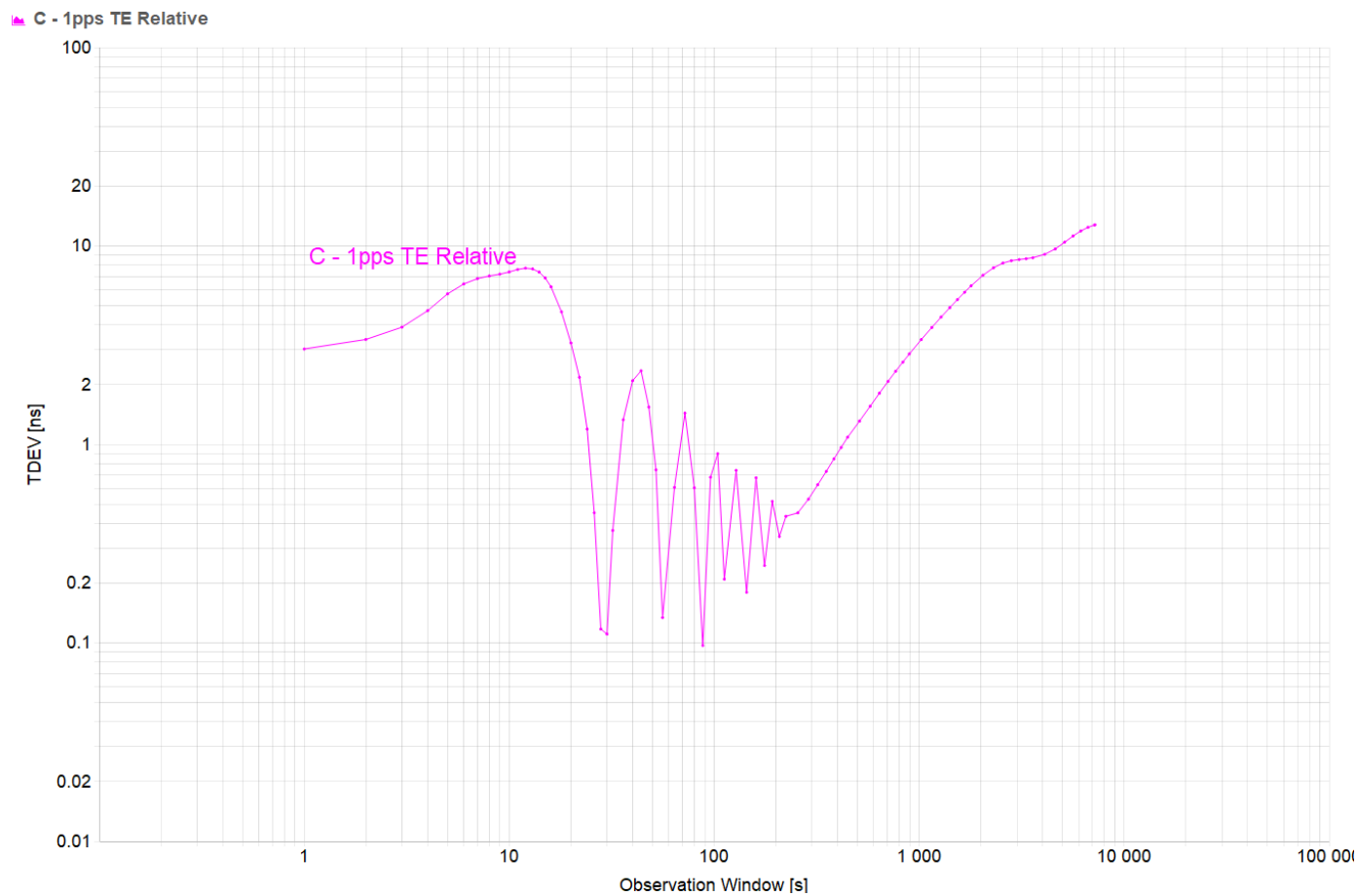
MTIE Analysis



Min	20.8 ns
Max	246.4 ns
Max-Min	225.6 ns



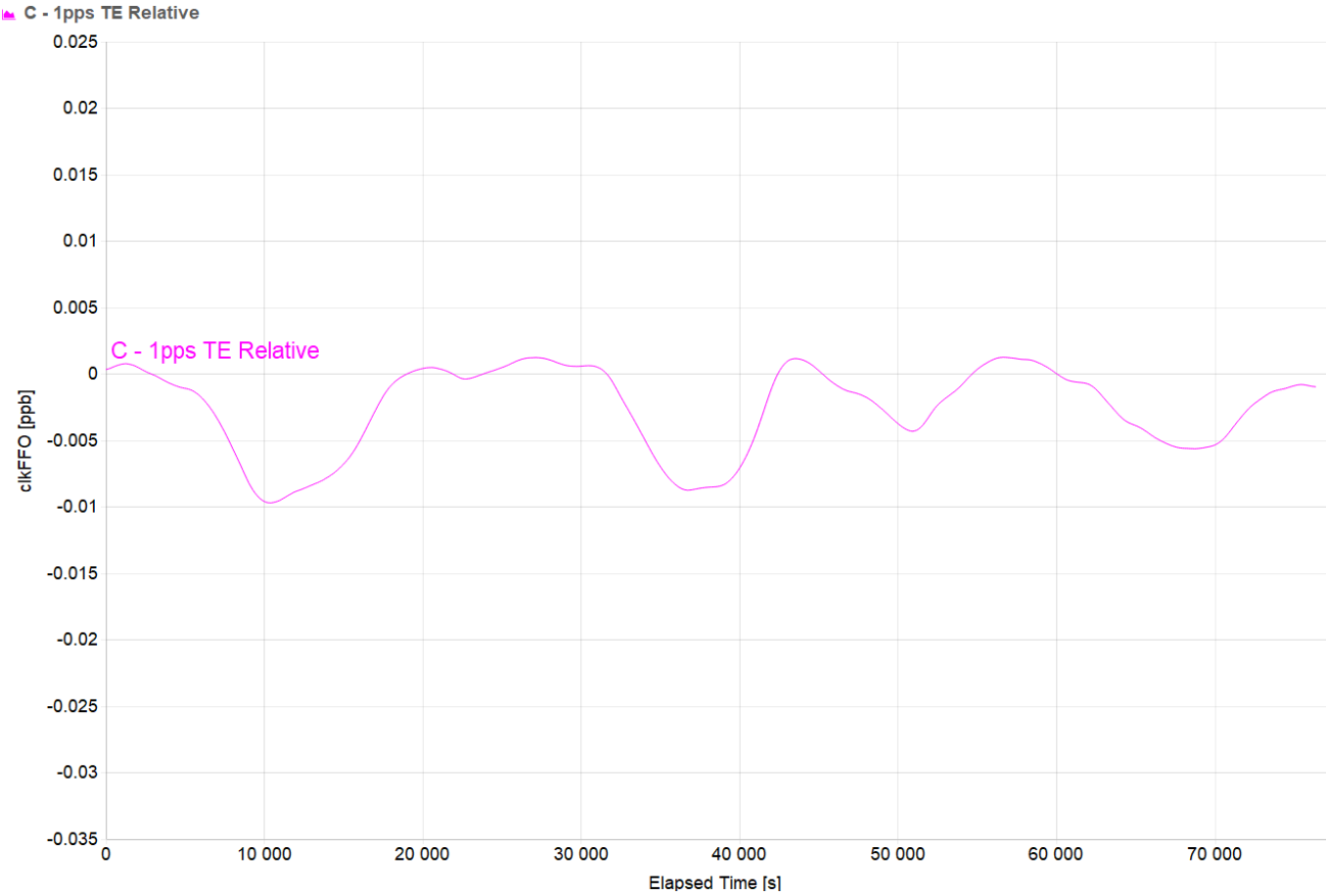
TDEV Analysis



Min	0.097 ns
Max	12.781 ns
Max-Min	12.684 ns

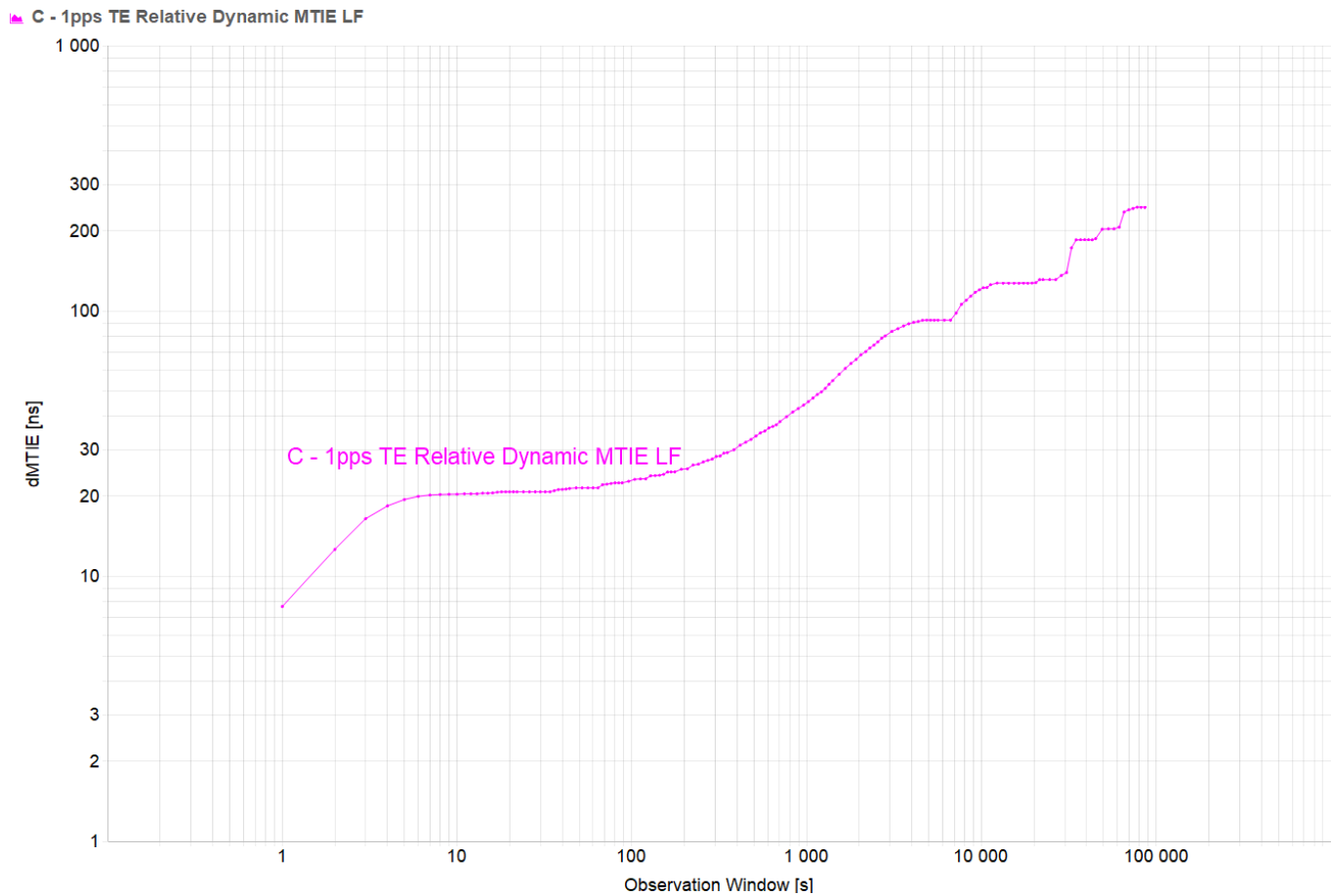
clkFFO Analysis

Clock preset (N	Stratum 2 clock
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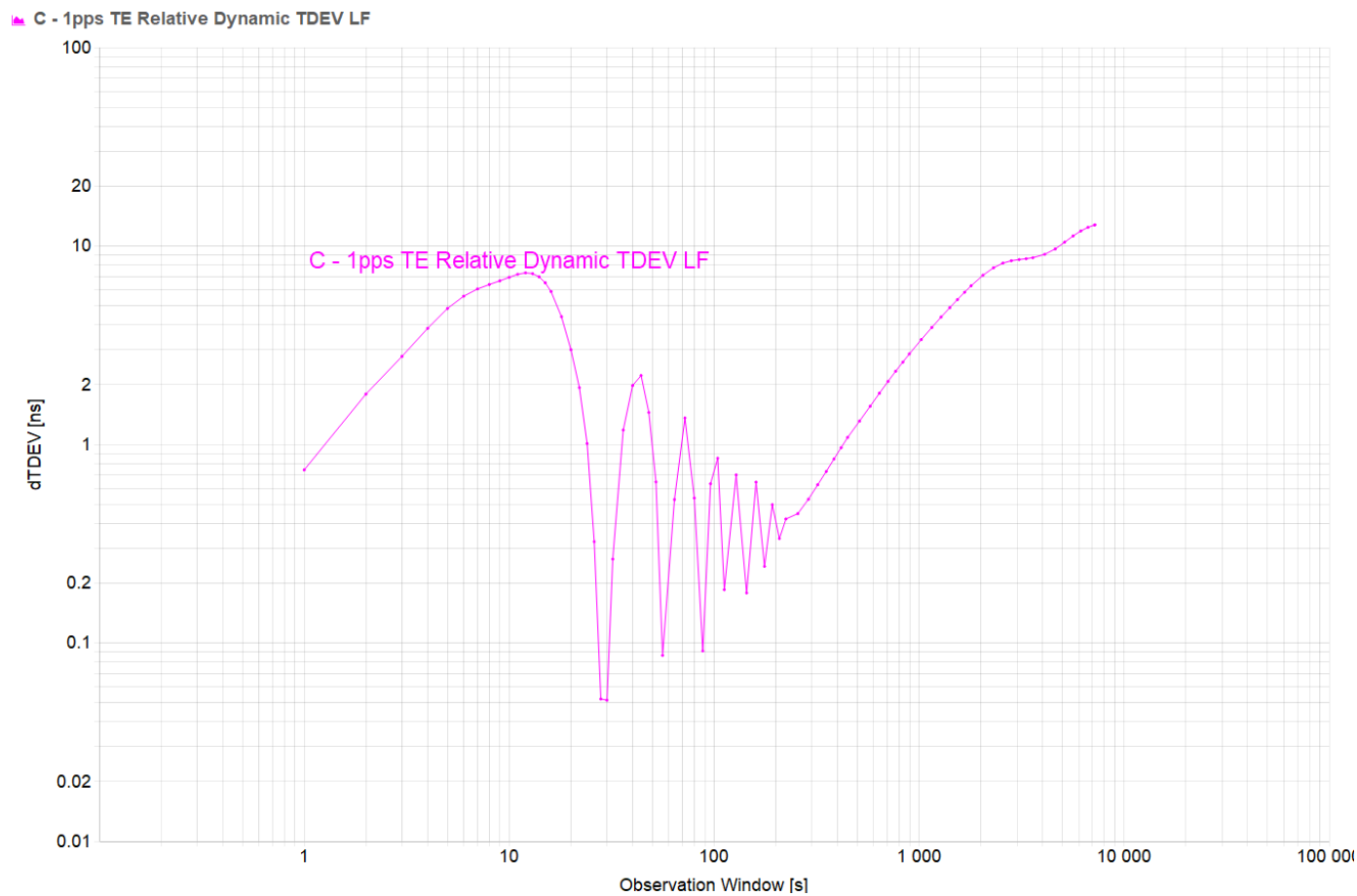
Mean	-0.003 ppb
Min	-0.01 ppb
Max	0.001 ppb
Max-Min	0.011 ppb

MTIE LF Analysis



Min	7.673 ns
Max	245.873 ns
Max-Min	238.2 ns

TDEV LF Analysis



Min	0.051 ns
Max	12.779 ns
Max-Min	12.727 ns