



15th August 2026

Economic Data Releases
& Their Historical Impact
on Assets

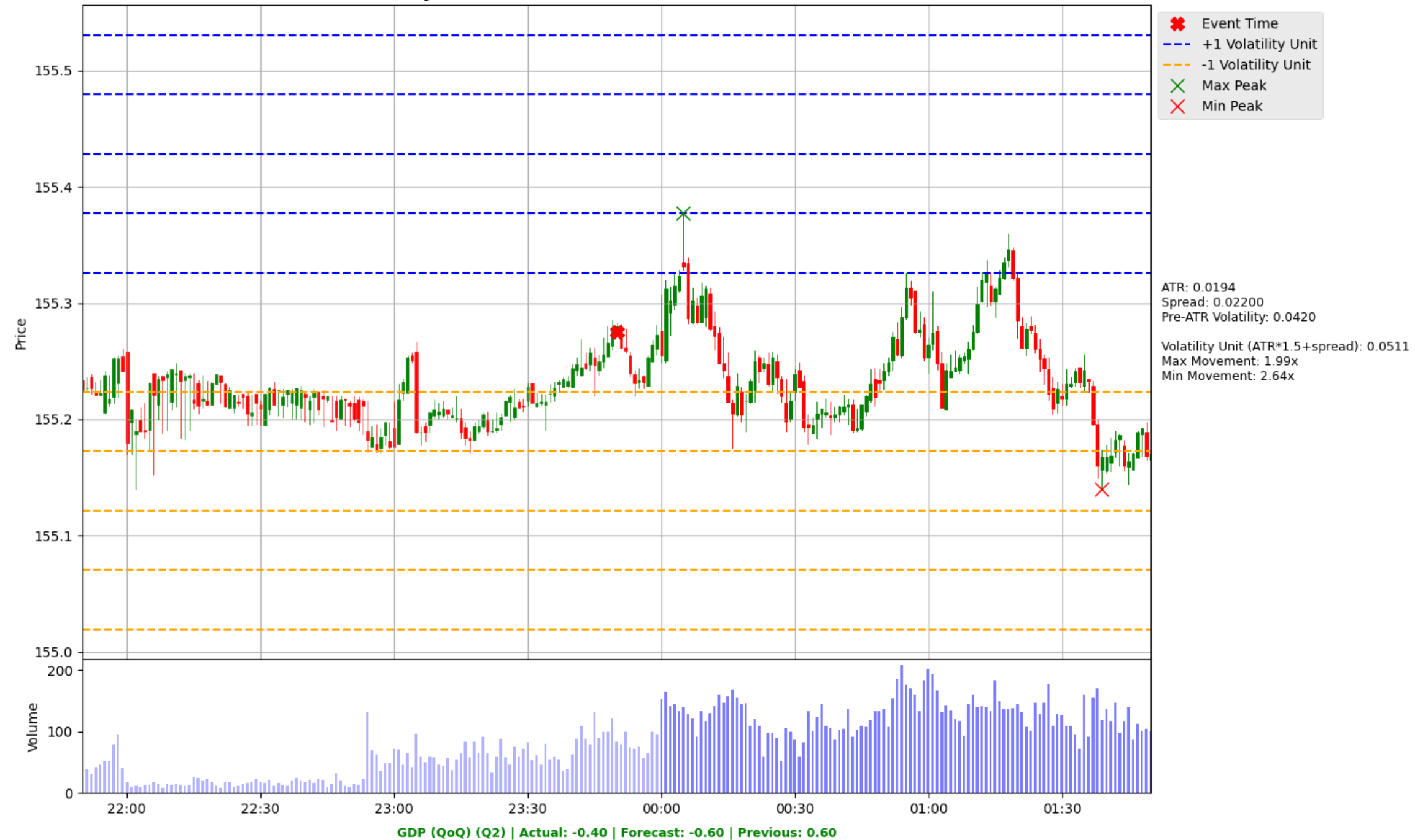
GDP (QoQ) (Q2)

GDP (QoQ) (Q2)

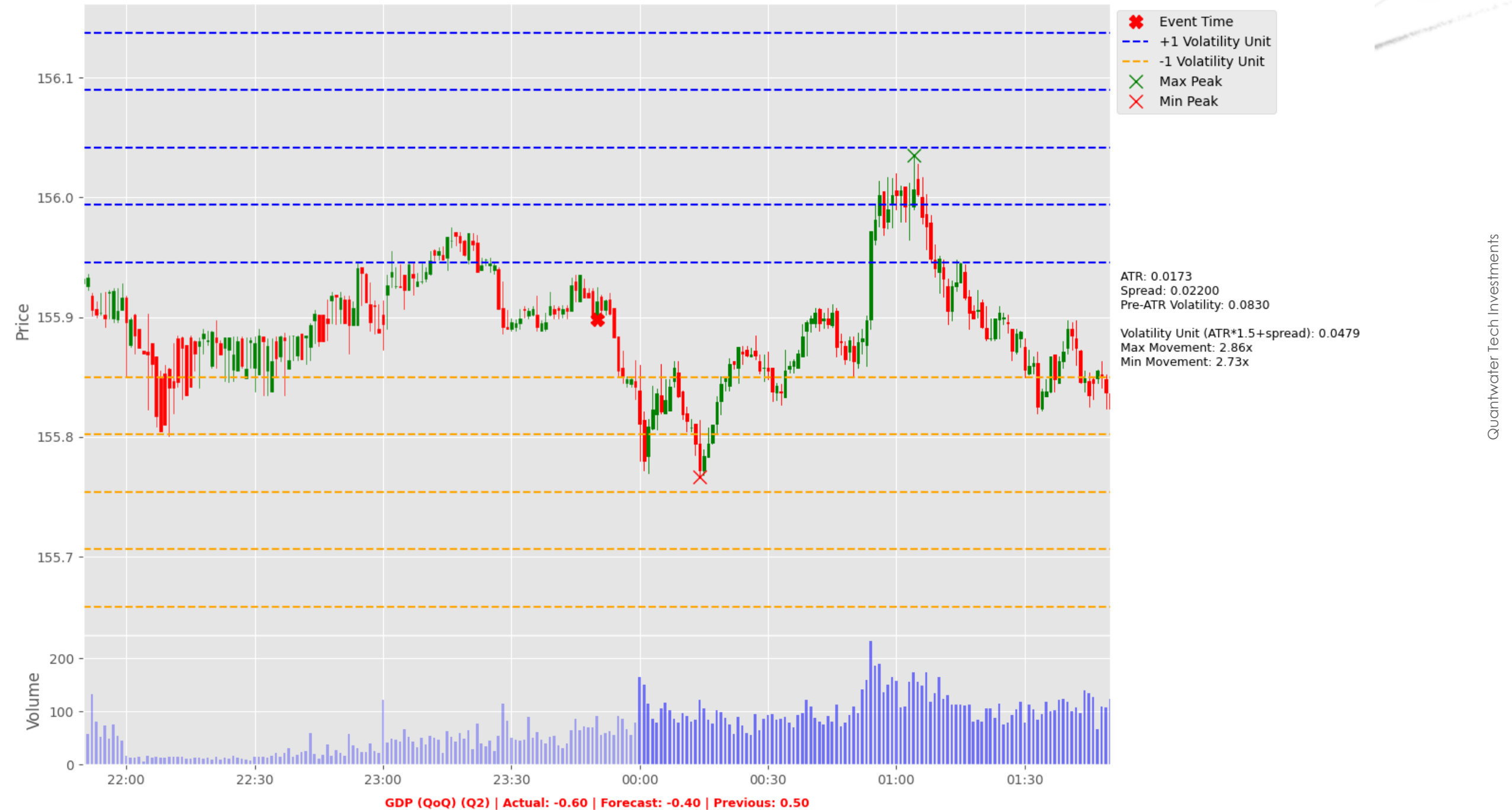
Release Date	Actual	Forecast	Previous
2025-11-17	-0.40	-0.60	0.60
2025-12-08	-0.60	-0.40	0.50
2026-02-16	0.10	0.40	-0.70
2026-03-10	0.30	0.10	-0.60
2026-05-19	0.50	0.40	0.20
2026-06-08	0.50	0.50	0.30

GDP (QoQ) (Q2)
C:USDJPY

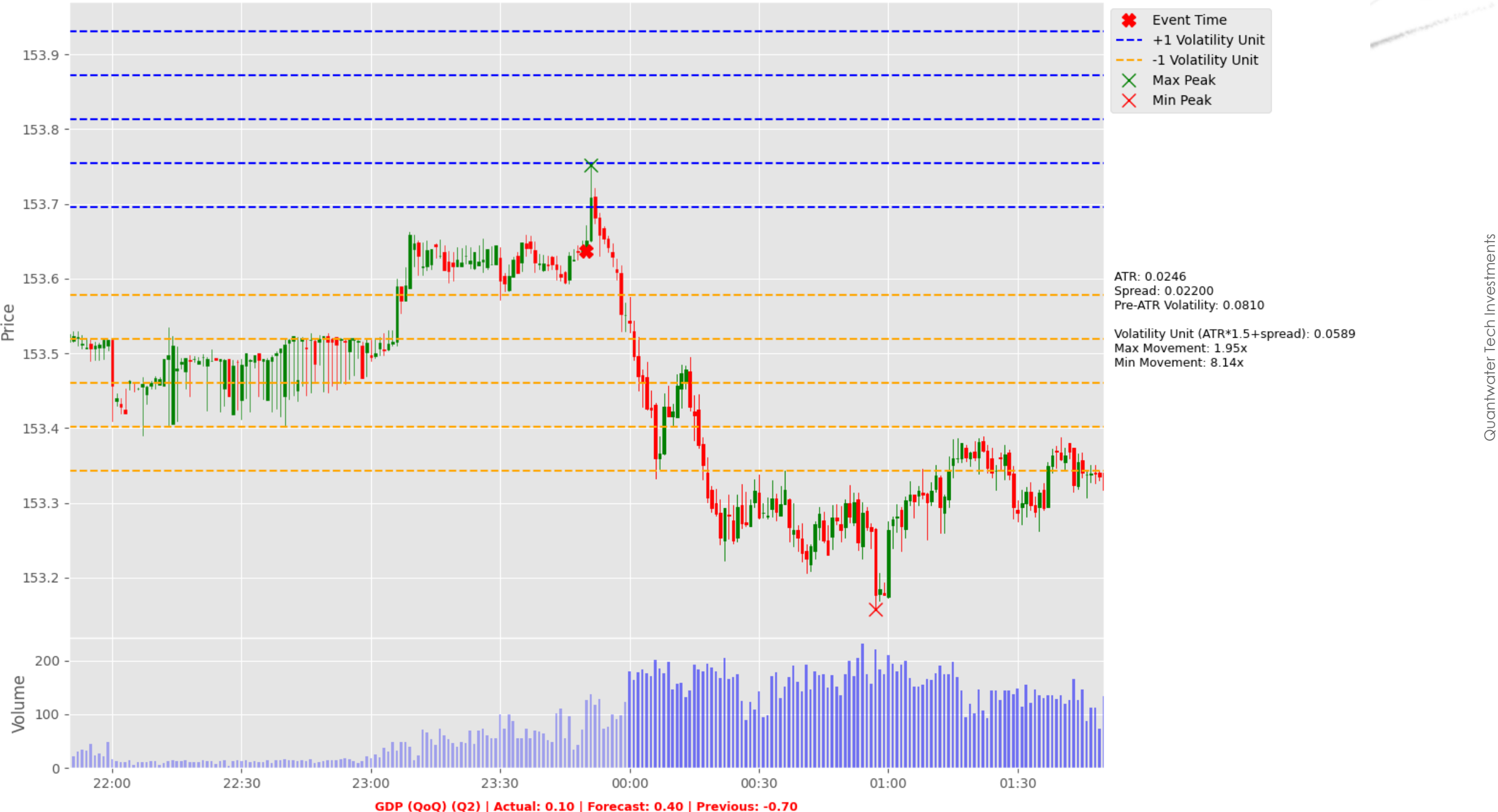
C:USDJPY Price Action - 2025-11-17 23:50 GMT



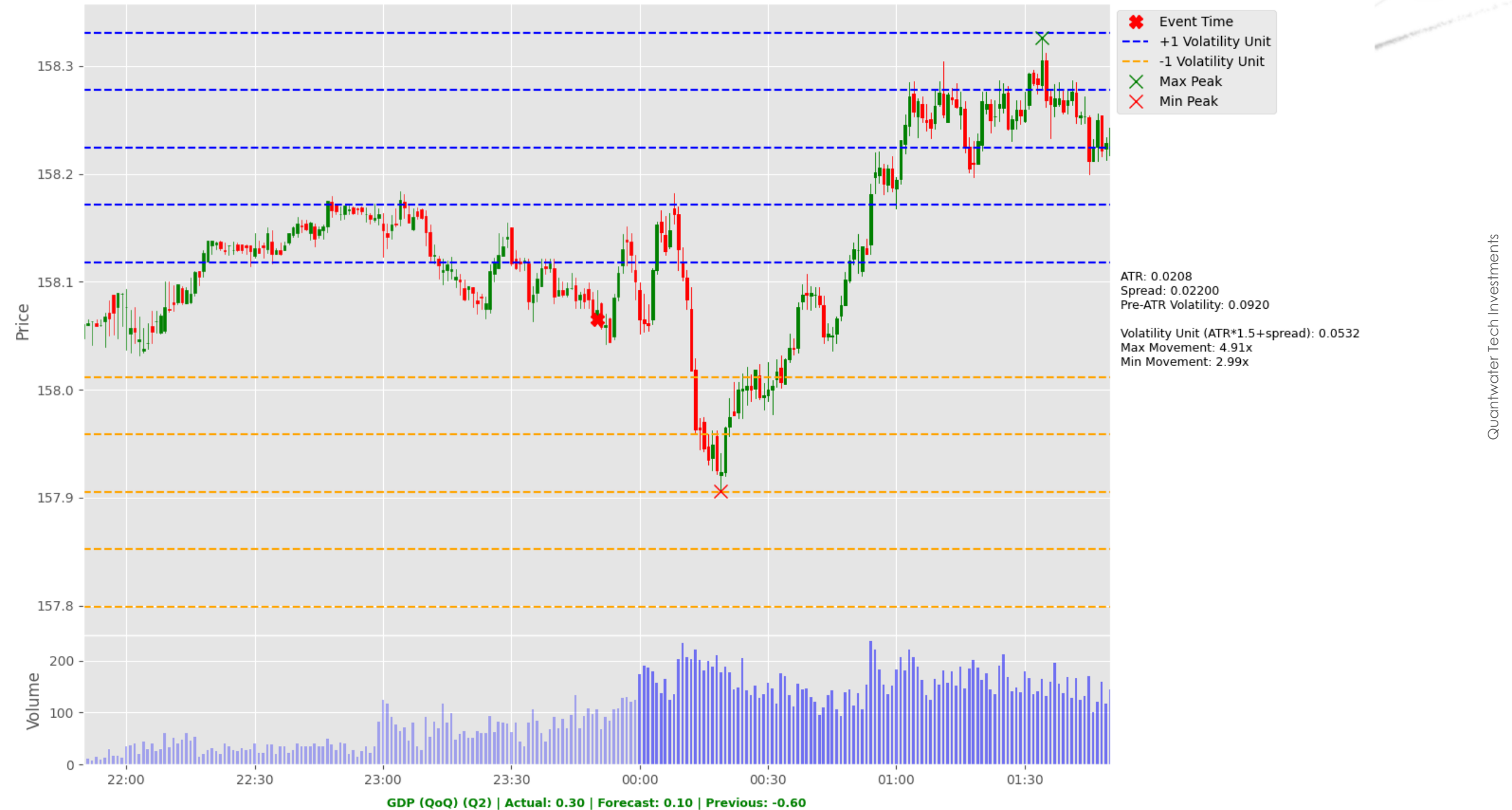
C:USDJPY Price Action - 2025-12-08 23:50 GMT



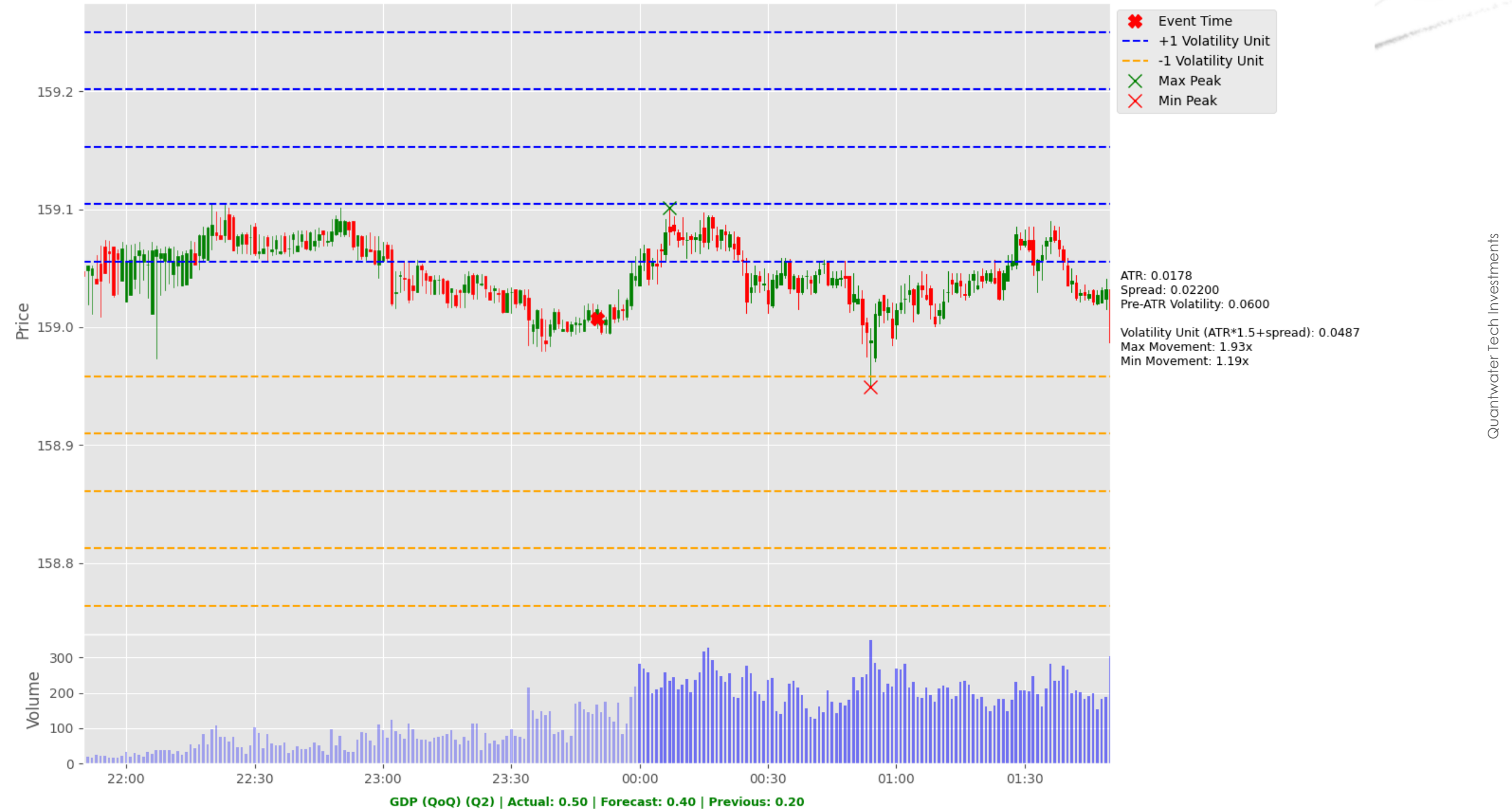
C:USDJPY Price Action - 2026-02-16 23:50 GMT



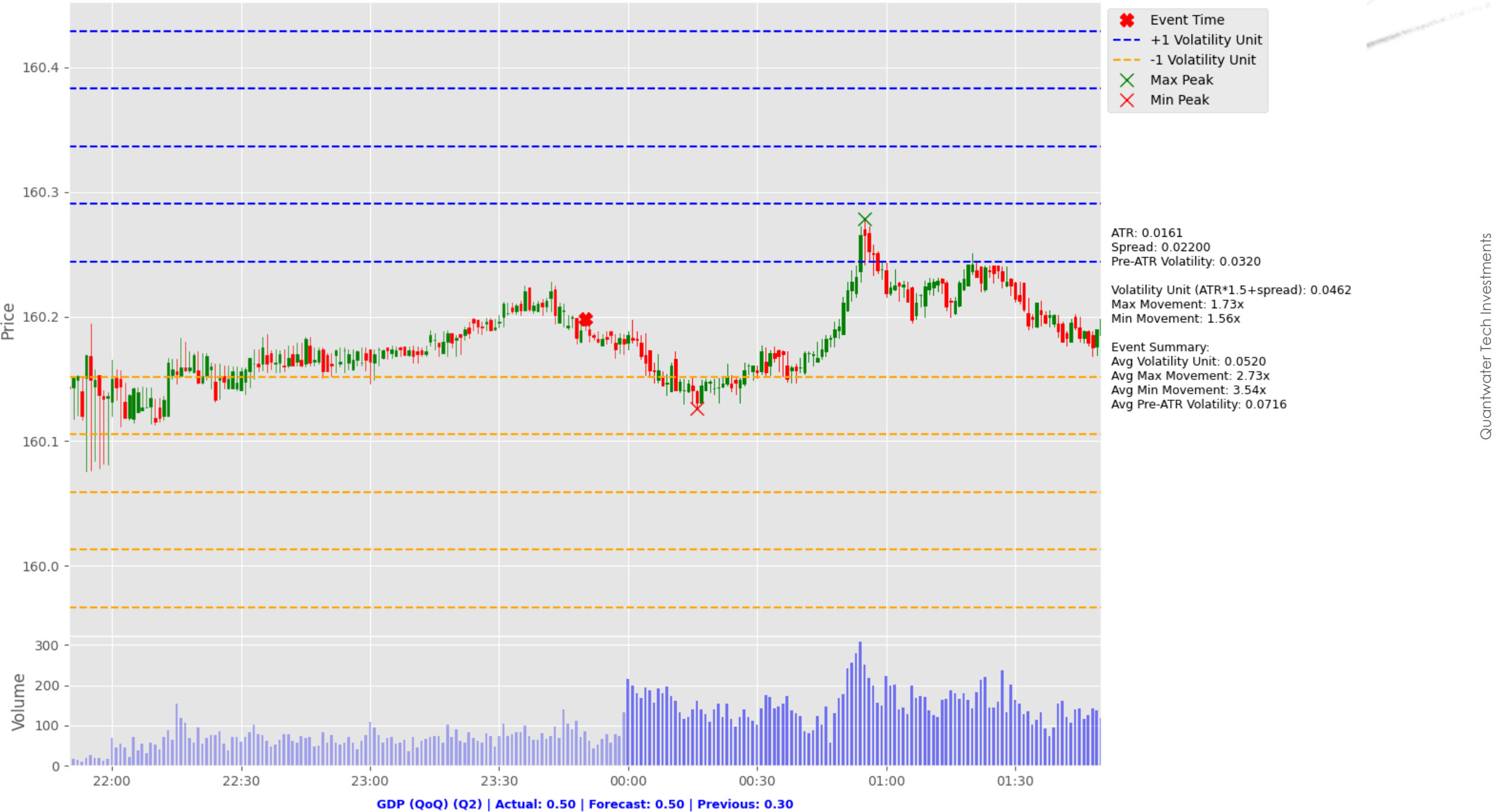
C:USDJPY Price Action - 2026-03-10 23:50 GMT



C:USDJPY Price Action - 2026-05-19 23:50 GMT

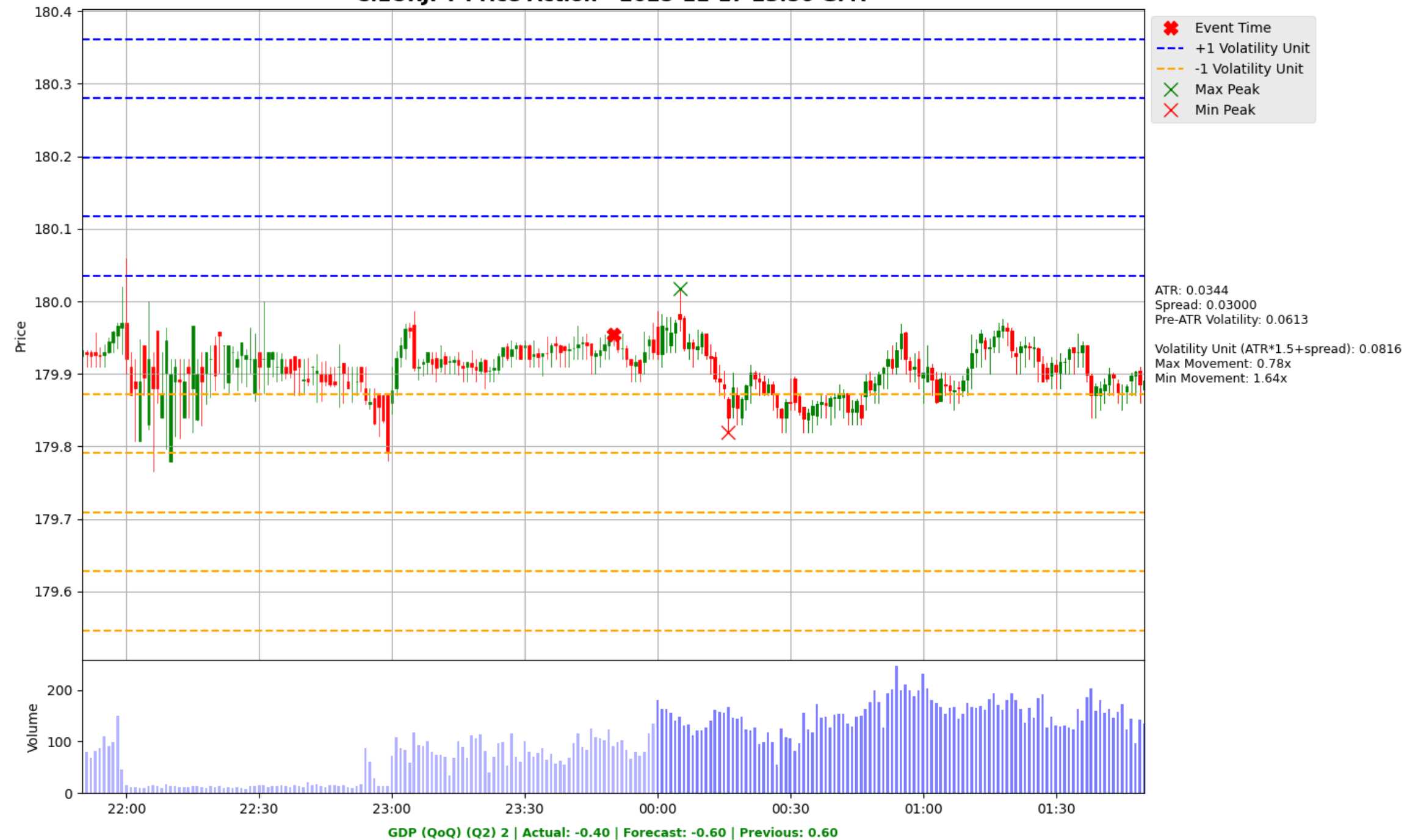


C:USDJPY Price Action - 2026-06-08 23:50 GMT



GDP (QoQ) (Q2) 2
C:EURJPY

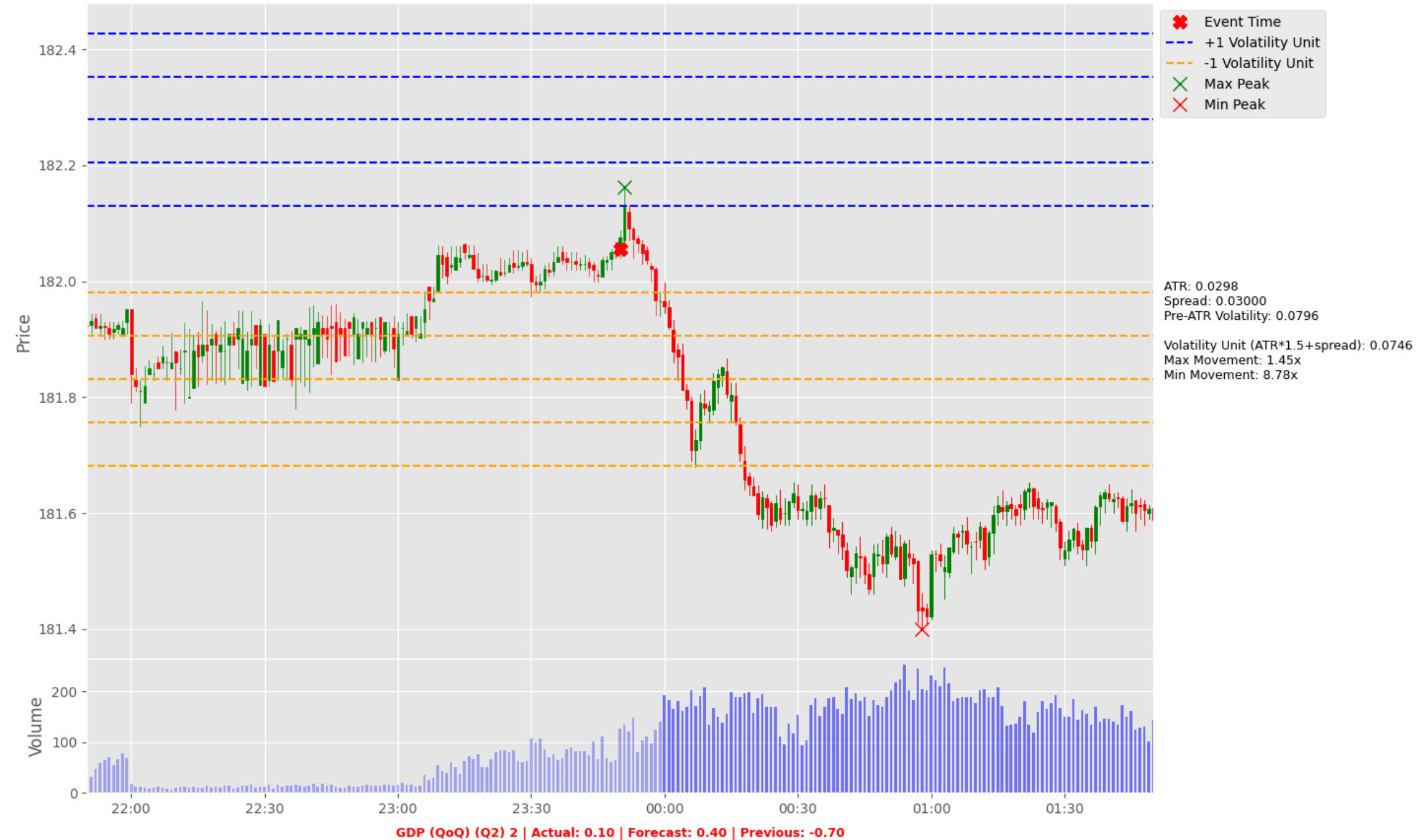
C:EURJPY Price Action - 2025-11-17 23:50 GMT



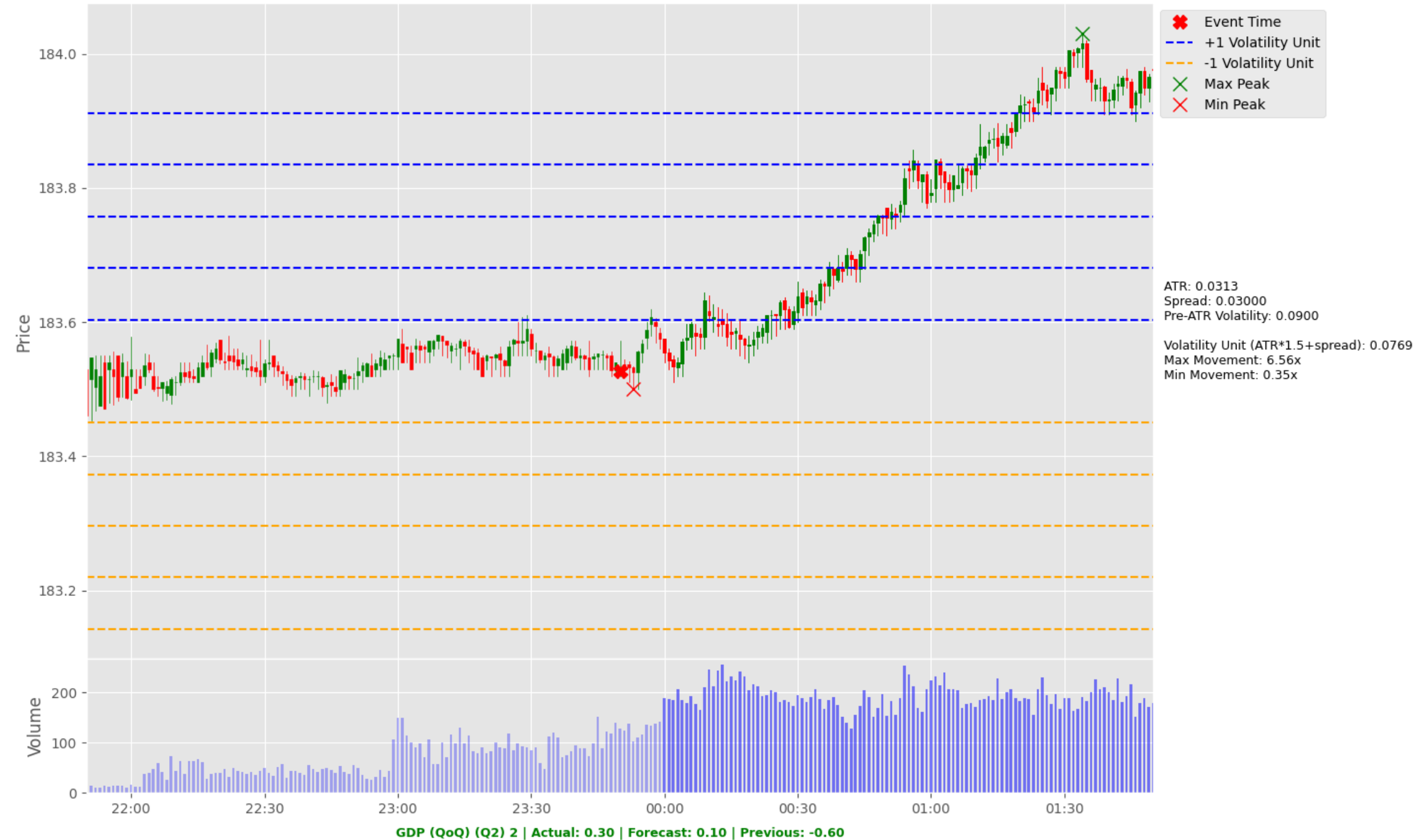
C:EURJPY Price Action - 2025-12-08 23:50 GMT



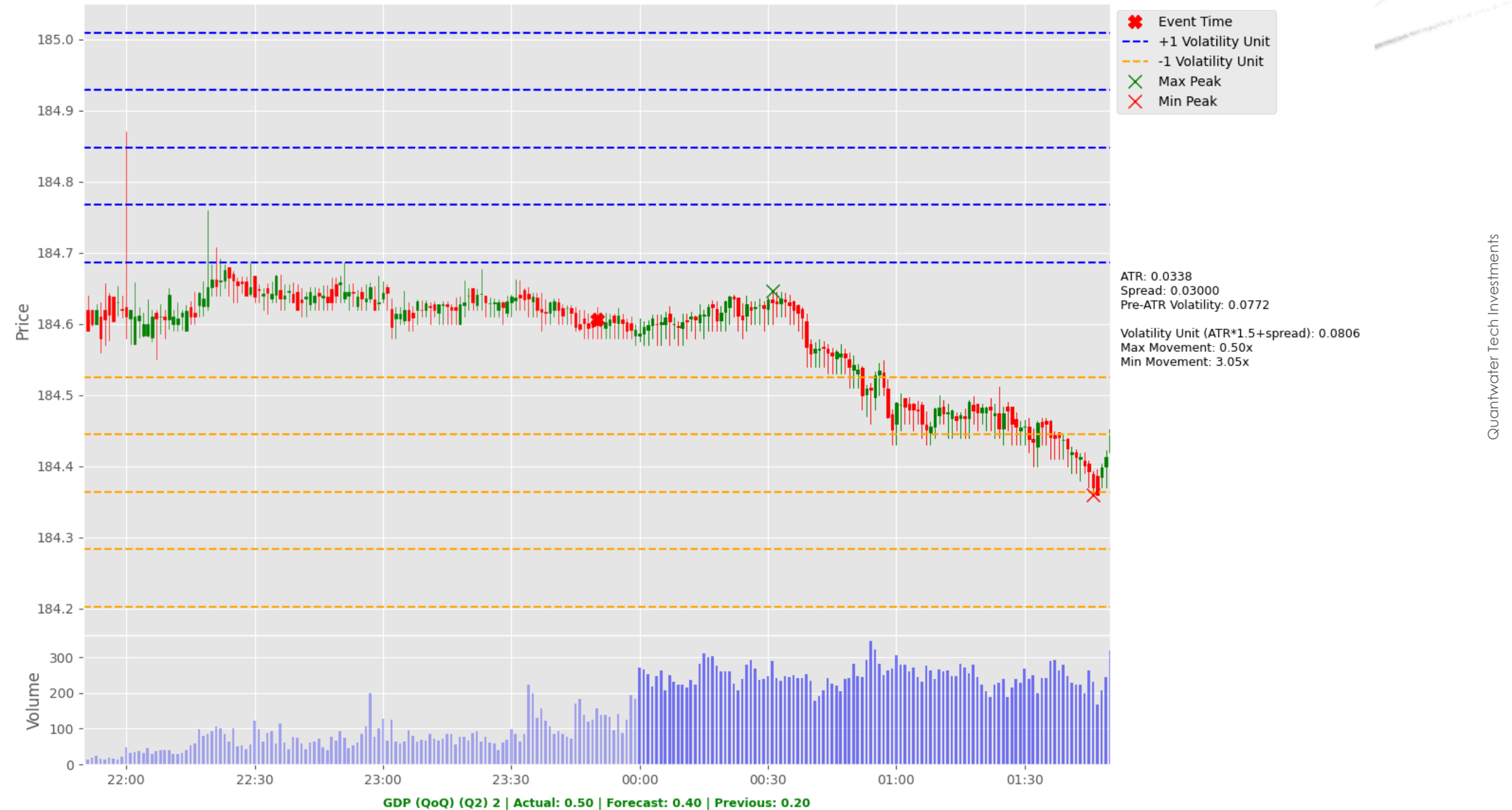
C:EURJPY Price Action - 2026-02-16 23:50 GMT



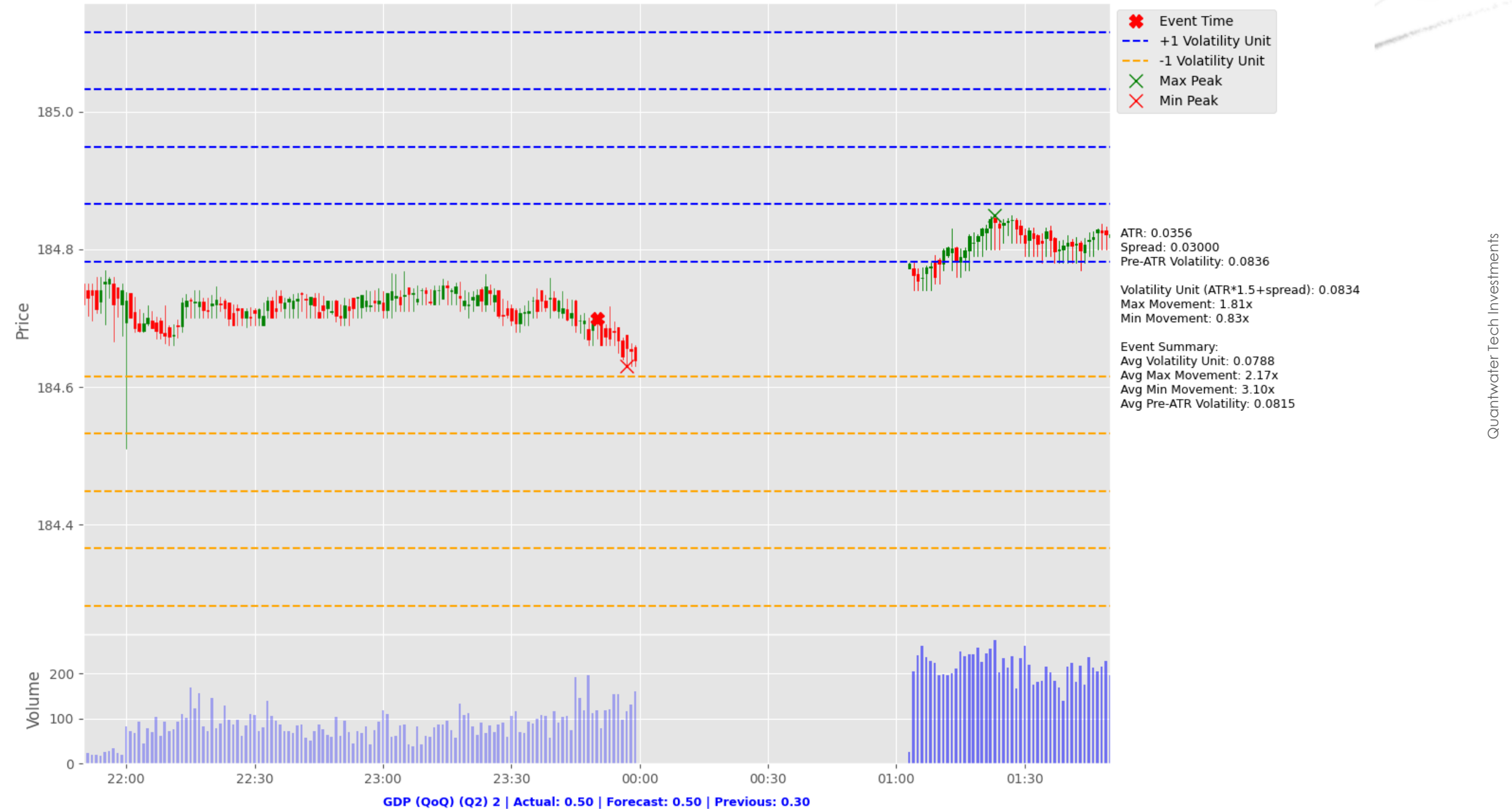
C:EURJPY Price Action - 2026-03-10 23:50 GMT



C:EURJPY Price Action - 2026-05-19 23:50 GMT



C:EURJPY Price Action - 2026-06-08 23:50 GMT



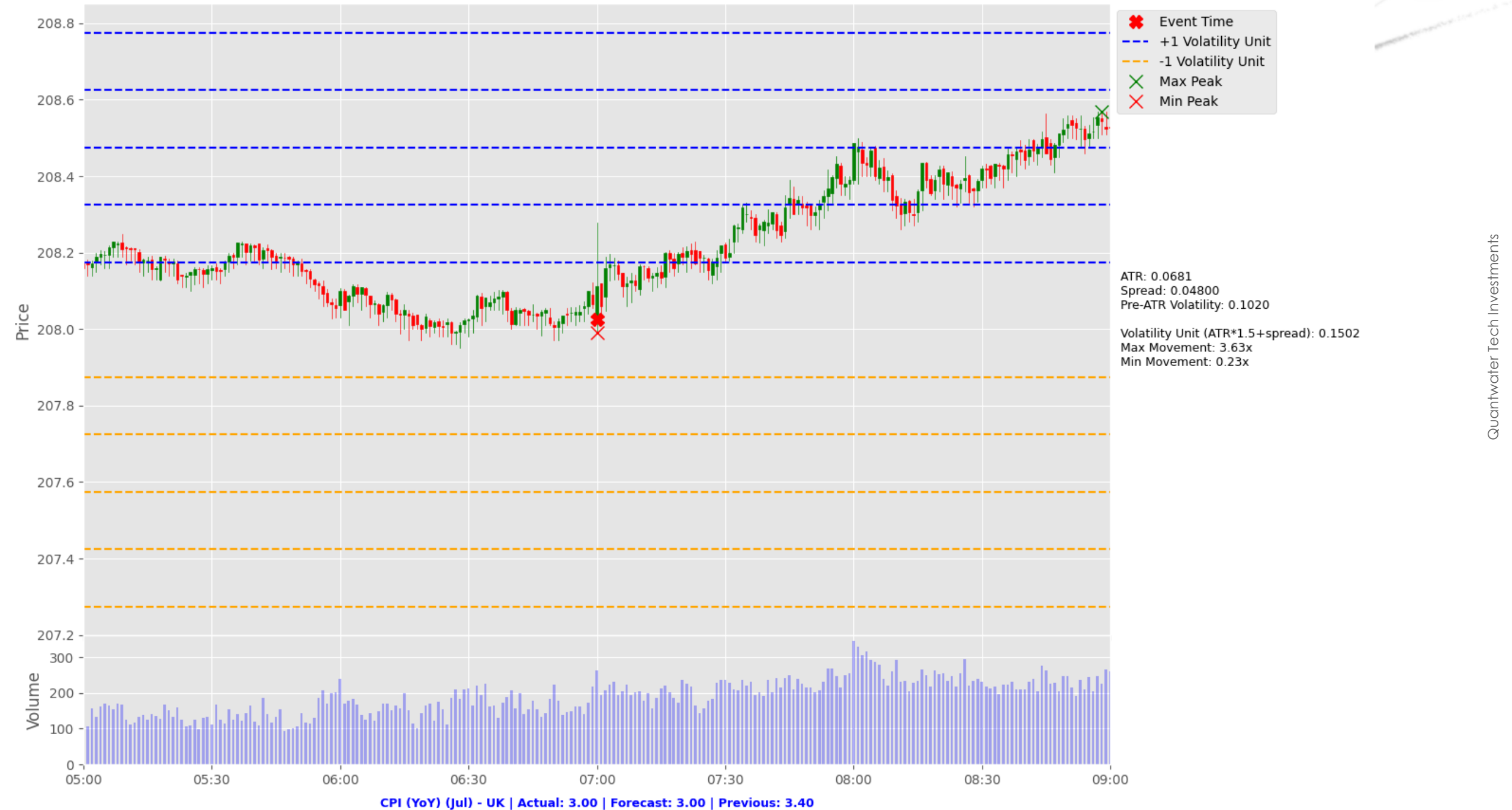
CPI (YoY) (Jul) - UK

CPI (YoY) (Jul) - UK

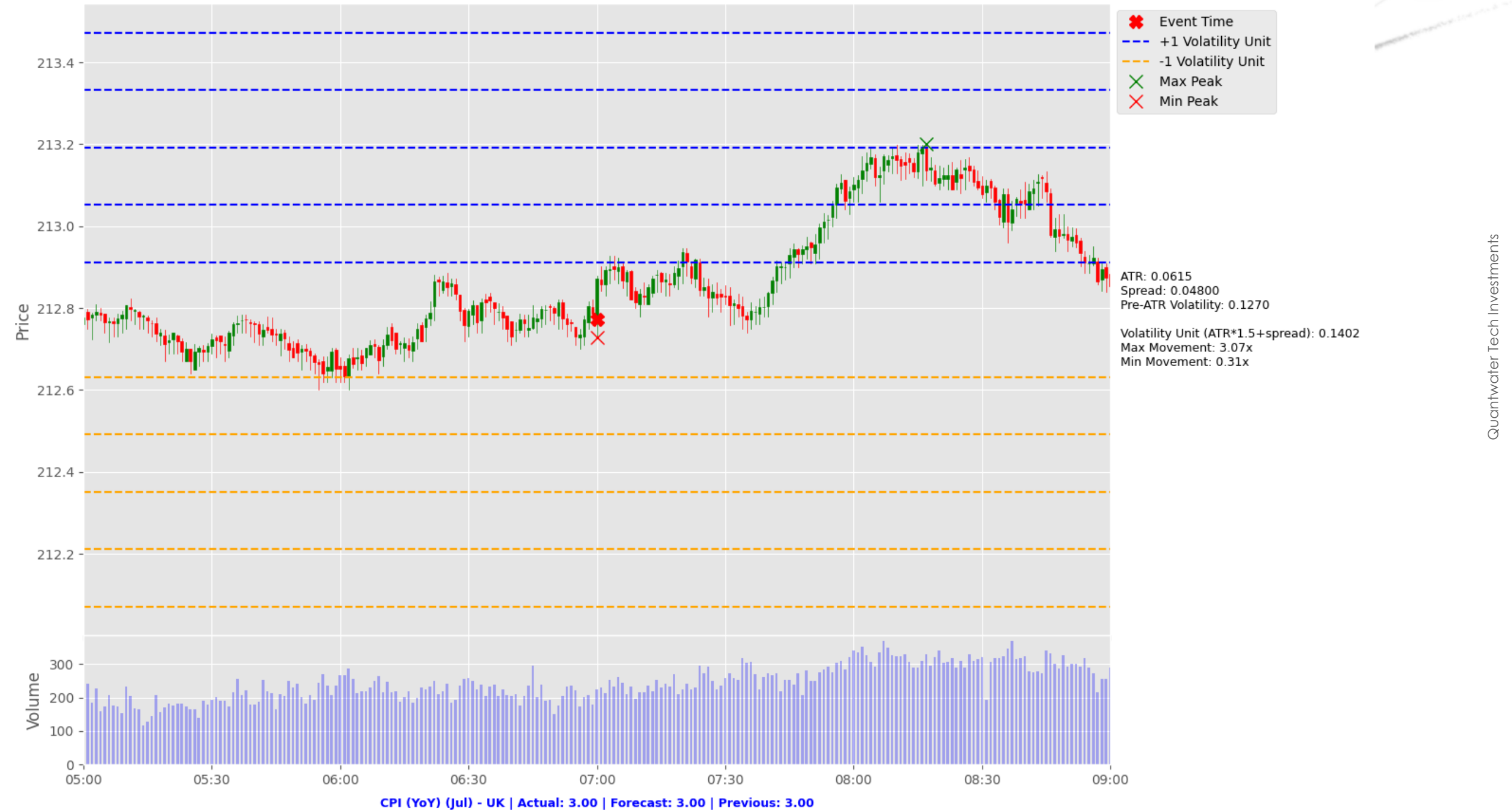
Release Date	Actual	Forecast	Previous
2026-02-18	3.00	3.00	3.40
2026-03-25	3.00	3.00	3.00
2026-04-22	3.30	3.30	3.00
2026-05-20	2.80	3.00	3.30
2026-06-17	2.80	3.00	2.80
2026-07-22	2.60	2.70	2.80

CPI (YoY) (Jul) - UK
C:GBPJPY

C:GBPJPY Price Action - 2026-02-18 07:00 GMT



C:GBPJPY Price Action - 2026-03-25 07:00 GMT



C:GBPJPY Price Action - 2026-05-20 06:00 GMT

- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0724
Spread: 0.04800
Pre-ATR Volatility: 0.1060
Volatility Unit (ATR*1.5+spread): 0.1565
Max Movement: 0.71x
Min Movement: 1.92x



CPI (YoY) (Jul) - UK | Actual: 2.80 | Forecast: 3.00 | Previous: 3.30

C:GBPJPY Price Action - 2026-07-22 06:00 GMT



- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0654
Spread: 0.04800
Pre-ATR Volatility: 0.1172

Volatility Unit (ATR*1.5+spread): 0.1461
Max Movement: 1.19x
Min Movement: 2.55x

Event Summary:
Avg Volatility Unit: 0.1490
Avg Max Movement: 2.47x
Avg Min Movement: 0.82x
Avg Pre-ATR Volatility: 0.1117

CPI (YoY) (Jul) - UK | Actual: 2.60 | Forecast: 2.70 | Previous: 2.80

CPI (YoY) (Jul) - UK 2
C:GBPUSD

C:GBPUSD Price Action - 2026-02-18 07:00 GMT

- ✱ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0004
Spread: 0.00024
Pre-ATR Volatility: 0.0005
Volatility Unit (ATR*1.5+spread): 0.0009
Max Movement: 1.63x
Min Movement: 1.27x

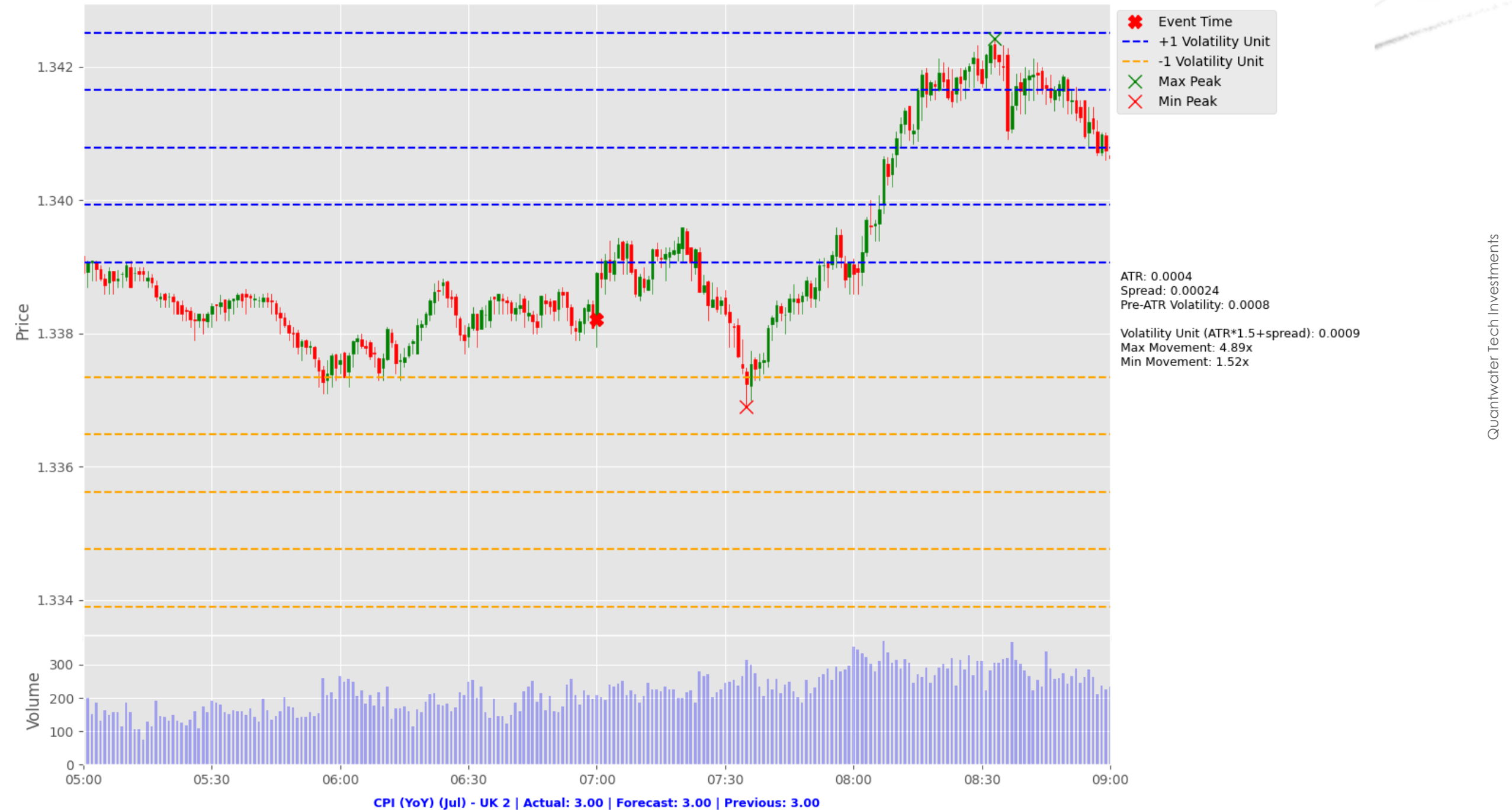
Price

Volume

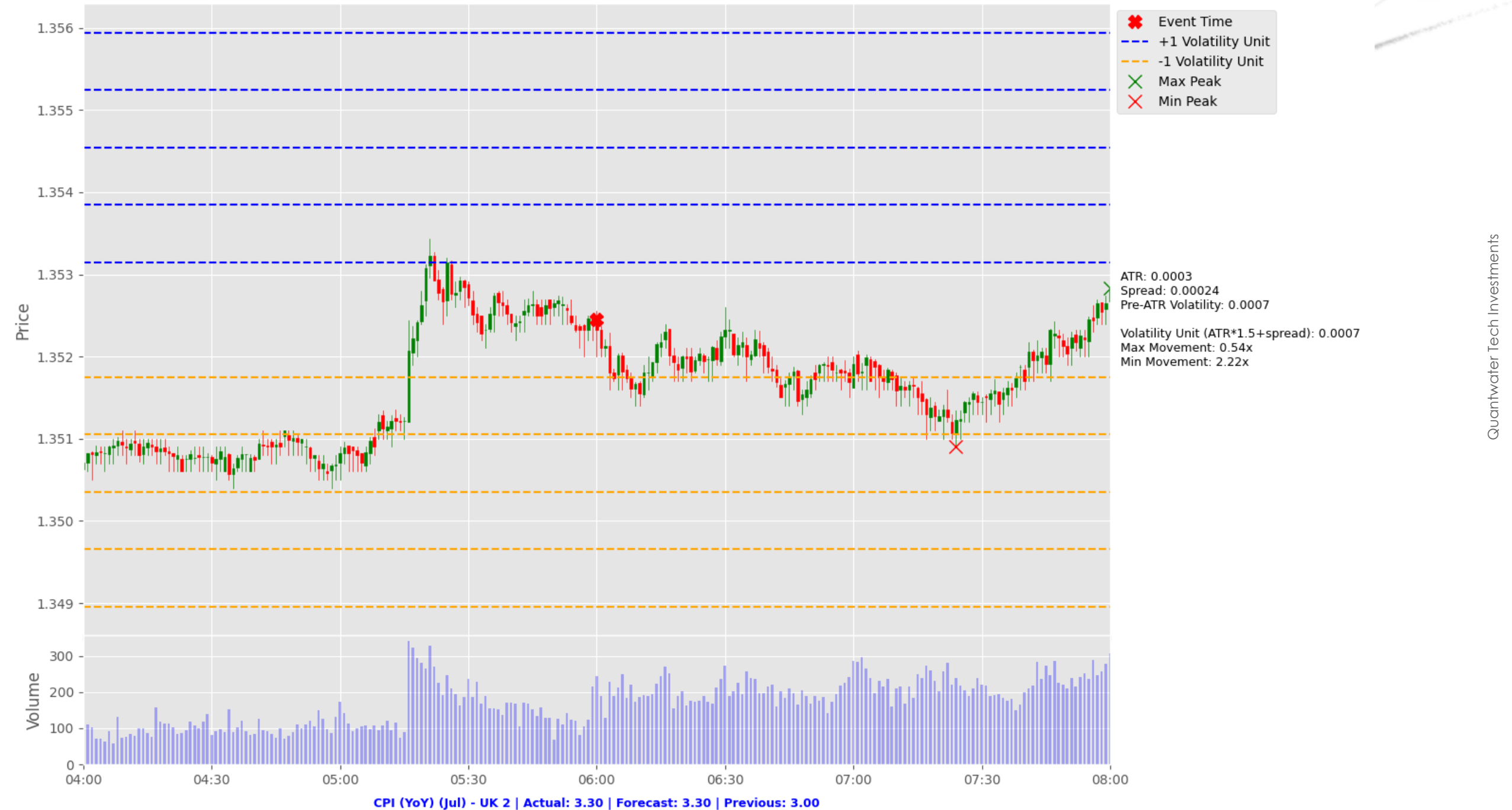


CPI (YoY) (Jul) - UK 2 | Actual: 3.00 | Forecast: 3.00 | Previous: 3.40

C:GBPUSD Price Action - 2026-03-25 07:00 GMT



C:GBPUSD Price Action - 2026-04-22 06:00 GMT



C:GBPUSD Price Action - 2026-05-20 06:00 GMT

- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

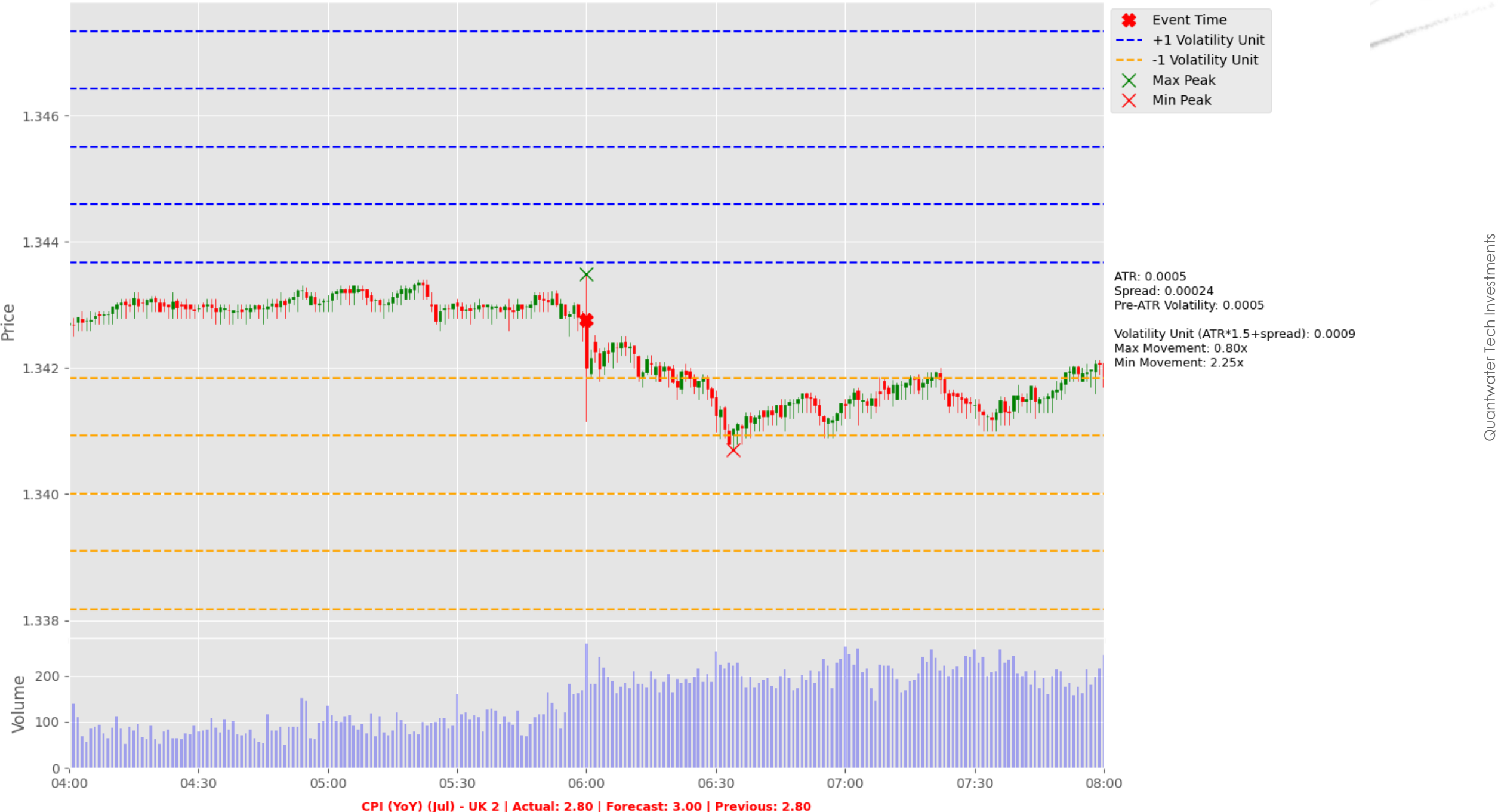
ATR: 0.0005
Spread: 0.00024
Pre-ATR Volatility: 0.0008
Volatility Unit (ATR*1.5+spread): 0.0009
Max Movement: 1.64x
Min Movement: 1.88x

Price

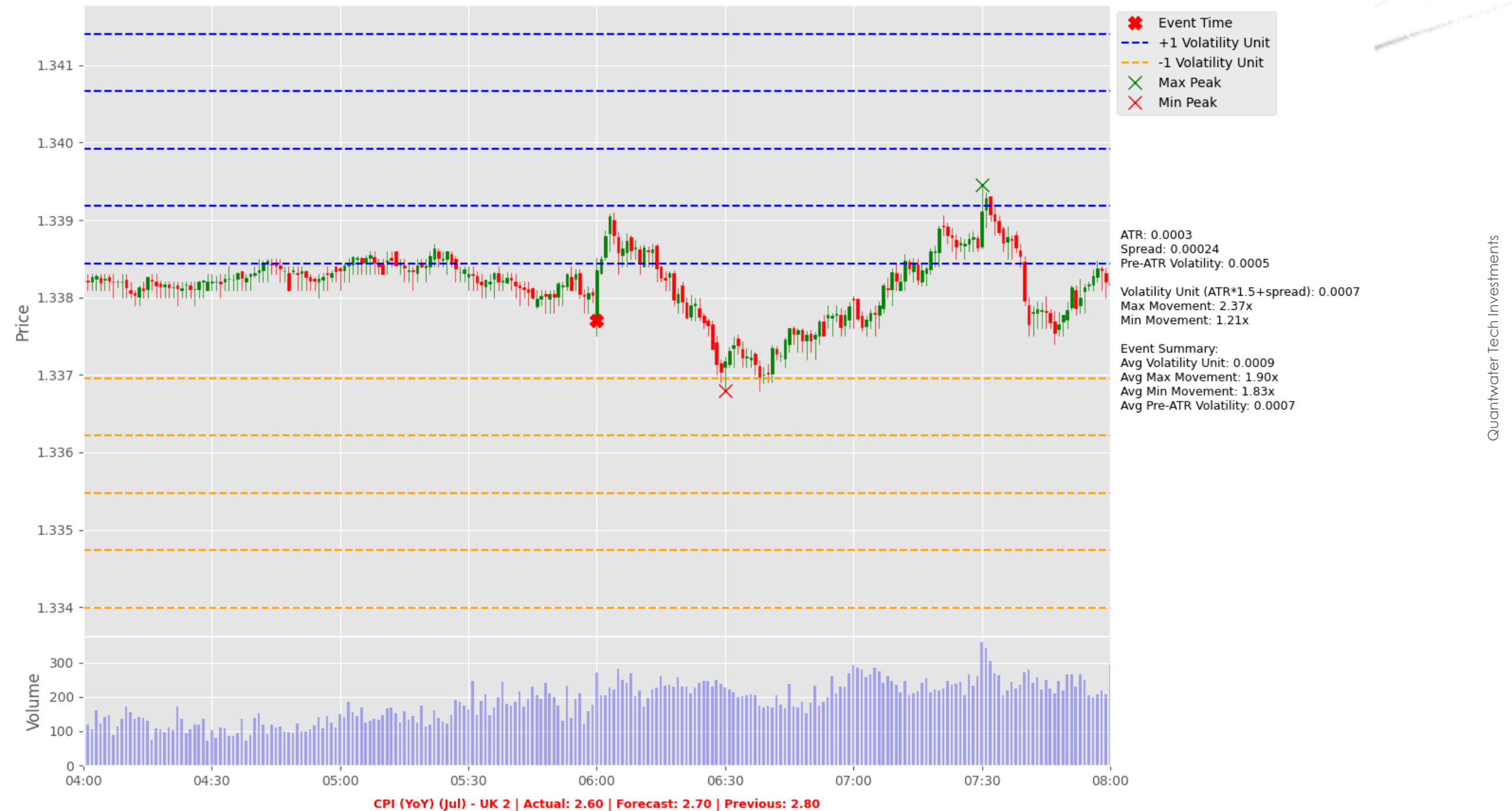
Volume

CPI (YoY) (Jul) - UK 2 | Actual: 2.80 | Forecast: 3.00 | Previous: 3.30

C:GBPUSD Price Action - 2026-06-17 06:00 GMT



C:GBPUSD Price Action - 2026-07-22 06:00 GMT



CPI (YoY) (Jul) - Euro

CPI (YoY) (Jul) - Euro

Release Date	Actual	Forecast	Previous
2026-05-20	3.00	3.00	2.60
2026-06-02	3.20	3.20	3.00
2026-06-17	3.20	3.20	3.00
2026-07-01	2.80	3.00	3.20
2026-07-17	2.80	2.80	3.20
2026-07-31	2.90	2.90	2.80

CPI (YoY) (Jul) - Euro
C:EURJPY

C:EURJPY Price Action - 2026-05-20 09:00 GMT

- ✱ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0453
Spread: 0.03000
Pre-ATR Volatility: 0.1010

Volatility Unit (ATR*1.5+spread): 0.0980
Max Movement: 1.37x
Min Movement: 0.53x

C:EURJPY Price Action - 2026-06-02 09:00 GMT

- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0430
Spread: 0.03000
Pre-ATR Volatility: 0.0660
Volatility Unit (ATR*1.5+spread): 0.0945
Max Movement: 0.28x
Min Movement: 1.14x



CPI (YoY) (Jul) - Euro | Actual: 3.20 | Forecast: 3.20 | Previous: 3.00

C:EURJPY Price Action - 2026-06-17 09:00 GMT

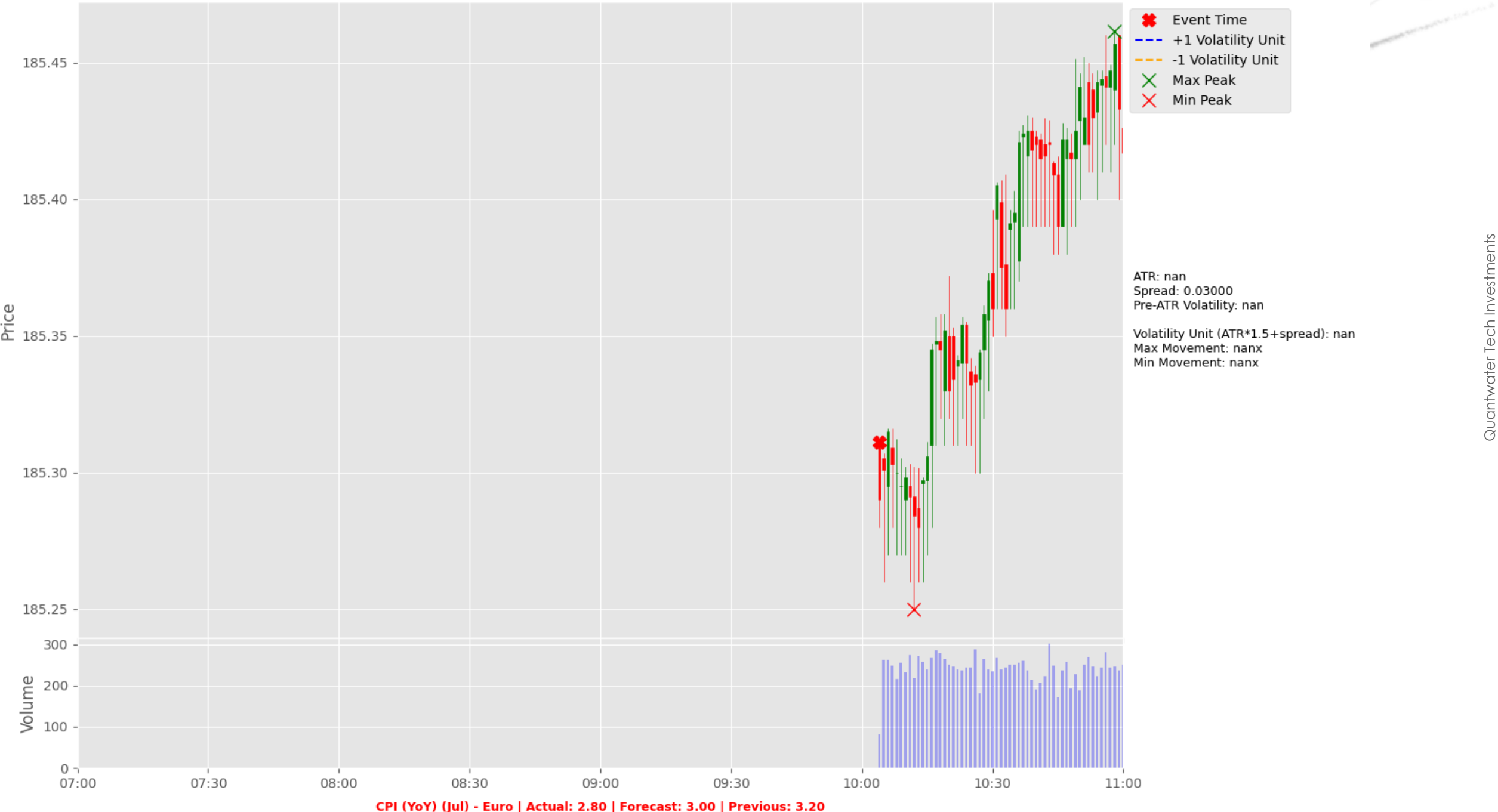
- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0482
Spread: 0.03000
Pre-ATR Volatility: 0.1360
Volatility Unit (ATR*1.5+spread): 0.1023
Max Movement: 0.50x
Min Movement: 1.11x

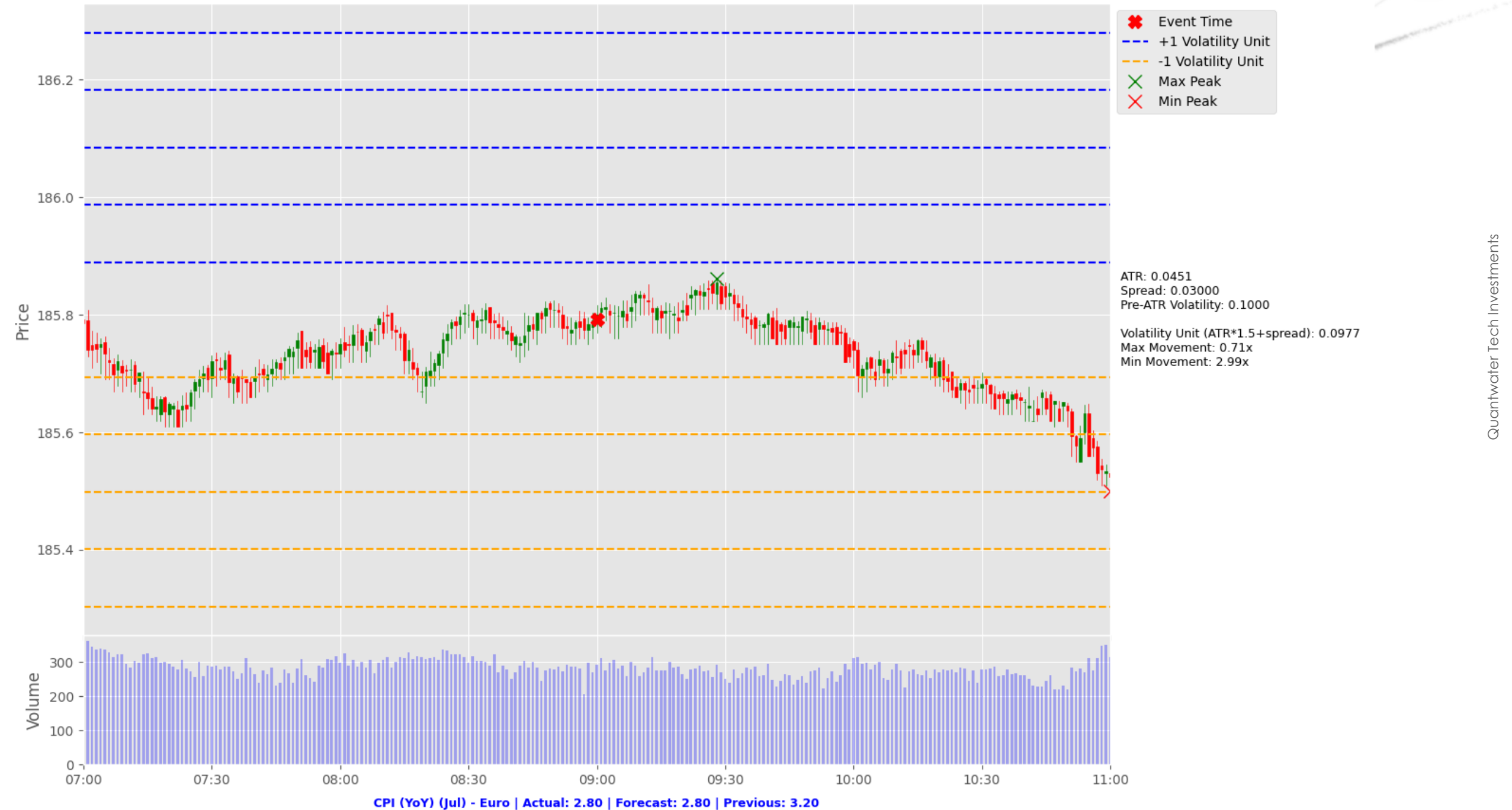


CPI (YoY) (Jul) - Euro | Actual: 3.20 | Forecast: 3.20 | Previous: 3.00

C:EURJPY Price Action - 2026-07-01 09:00 GMT



C:EURJPY Price Action - 2026-07-17 09:00 GMT



C:EURJPY Price Action - 2026-07-31 09:00 GMT

- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.2419
Spread: 0.03000
Pre-ATR Volatility: 0.3520
Volatility Unit (ATR*1.5+spread): 0.3929
Max Movement: 2.98x
Min Movement: 0.77x

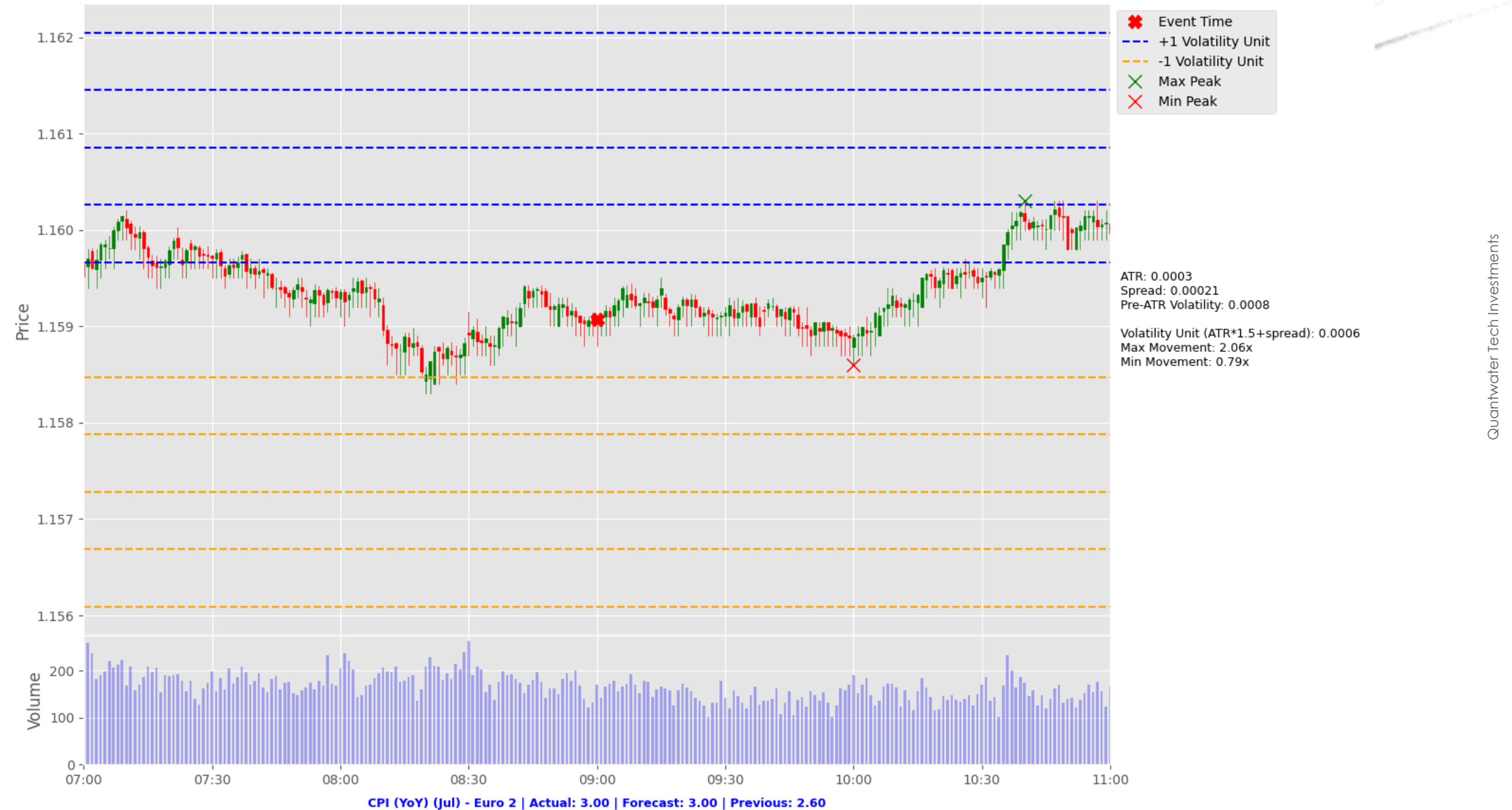
Price

Volume

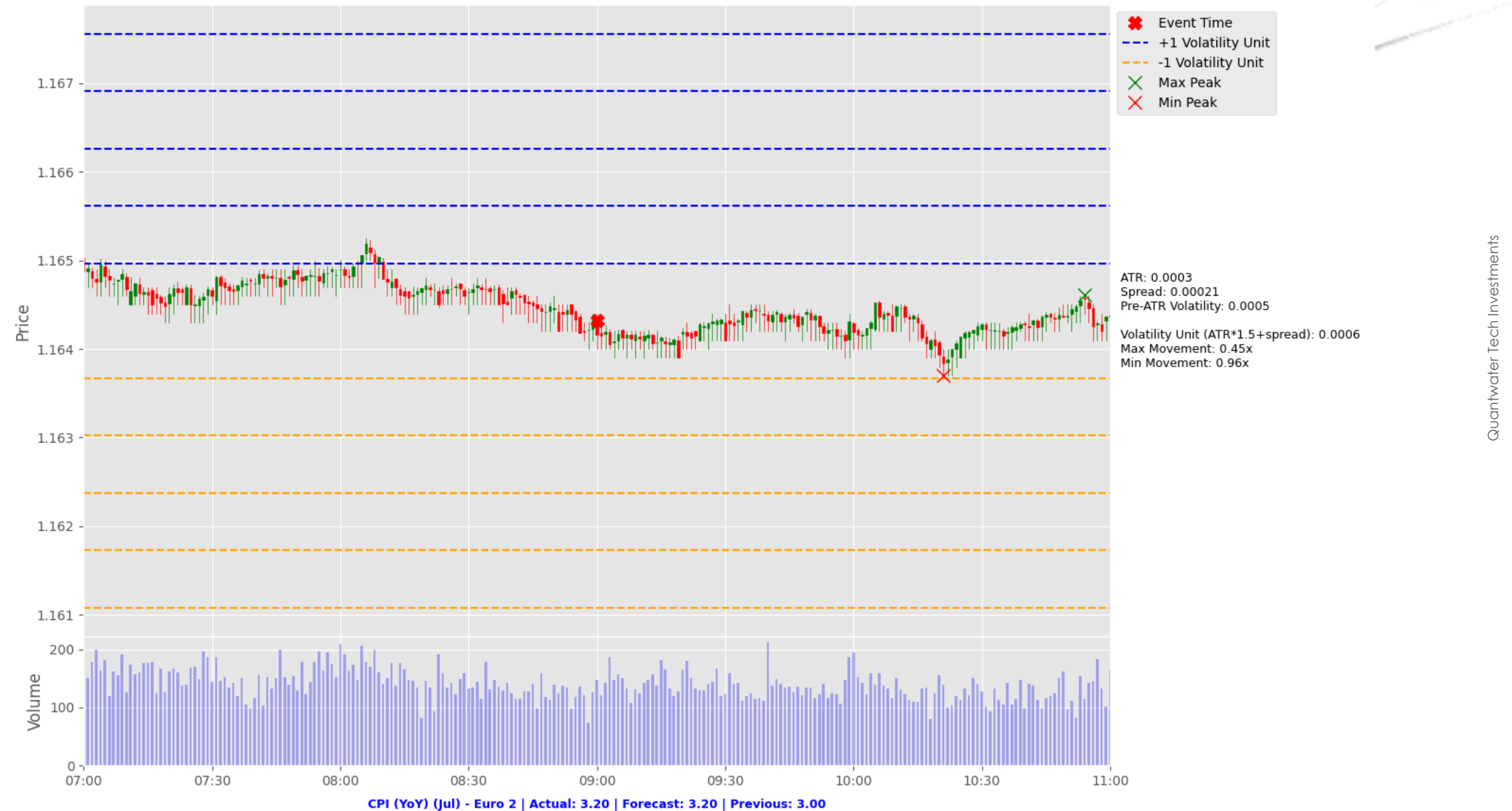
CPI (YoY) (Jul) - Euro | Actual: 2.90 | Forecast: 2.90 | Previous: 2.80

CPI (YoY) (Jul) - Euro 2
C:EURUSD

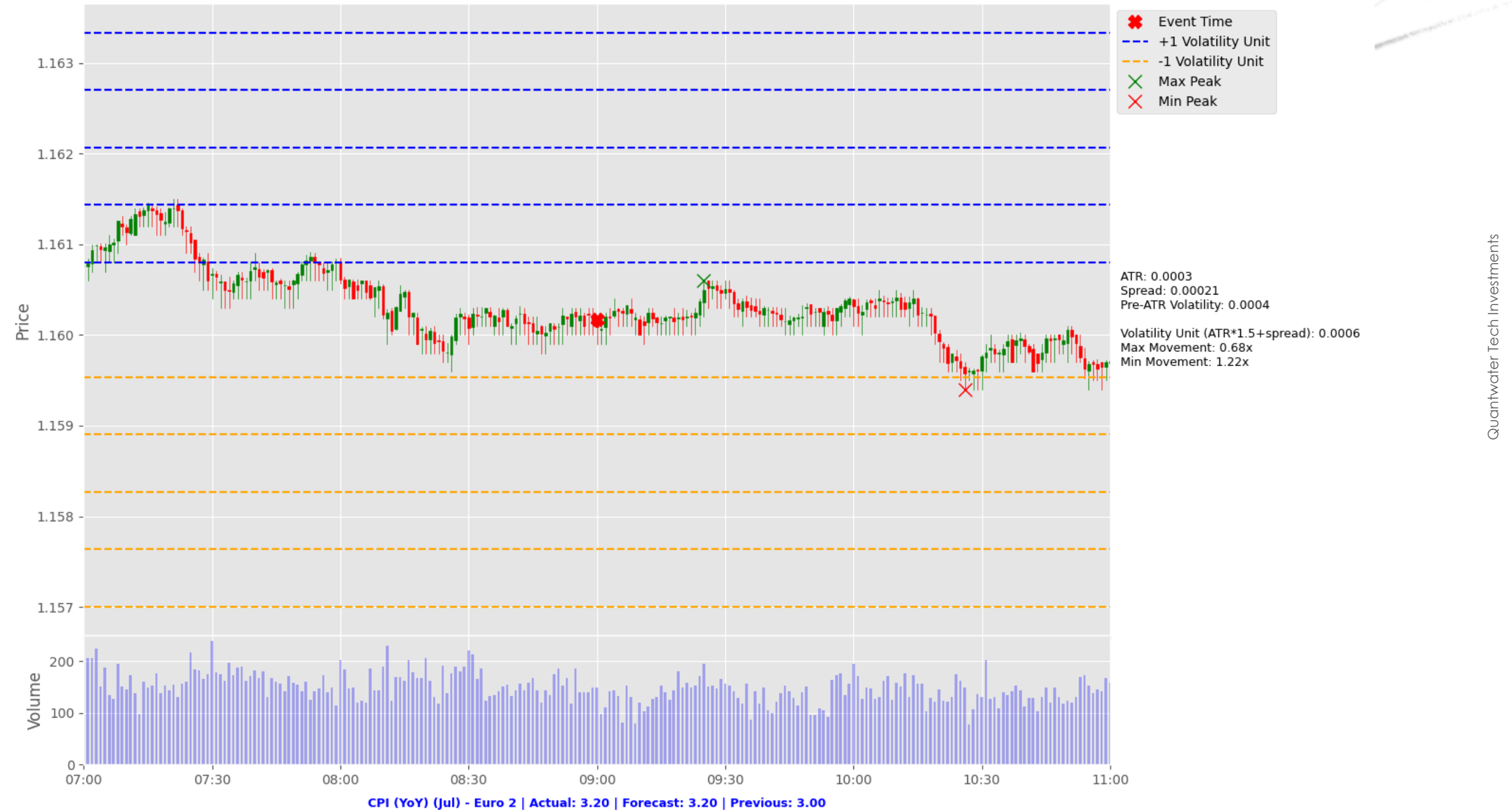
C:EURUSD Price Action - 2026-05-20 09:00 GMT



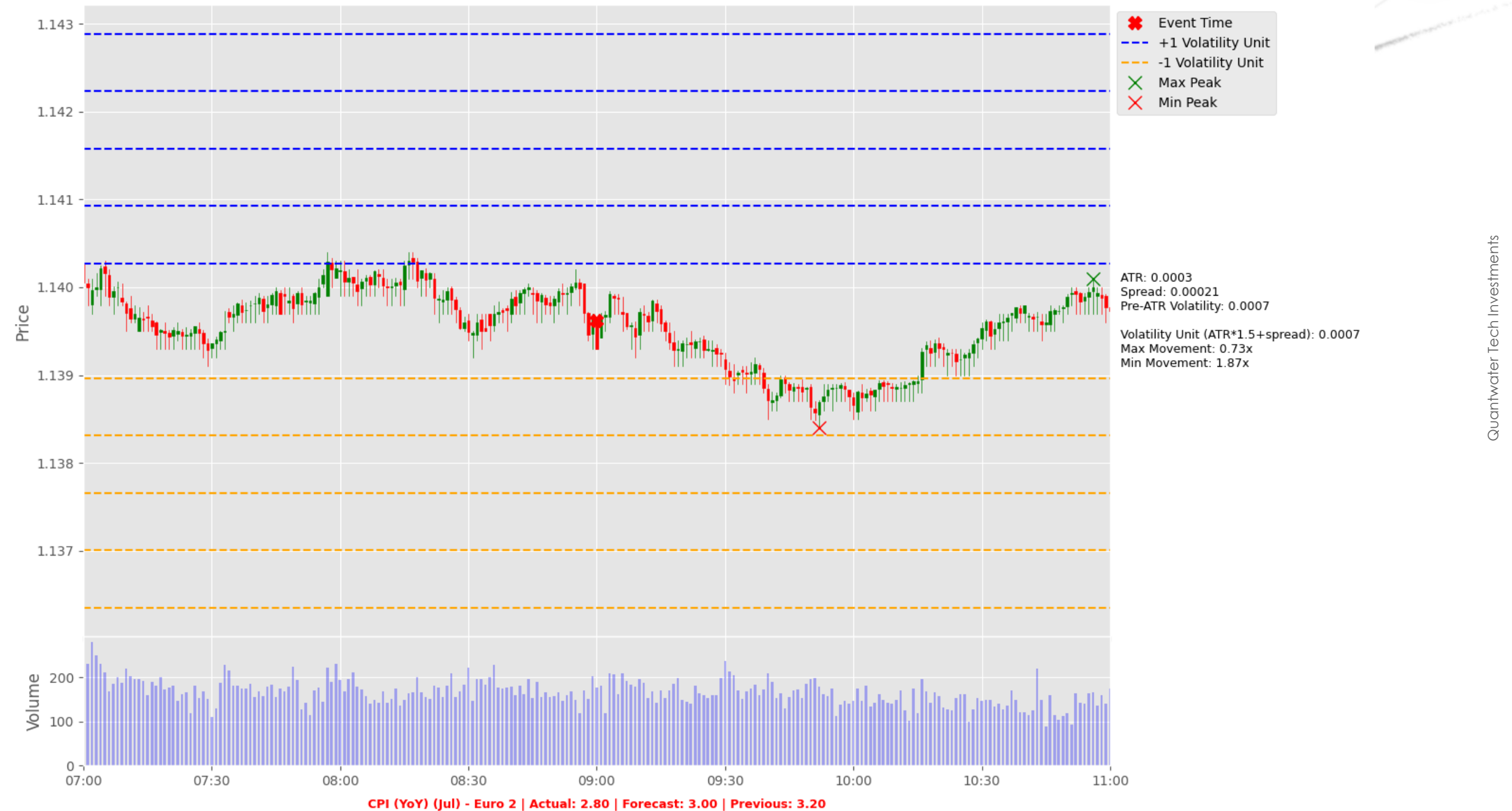
C:EURUSD Price Action - 2026-06-02 09:00 GMT



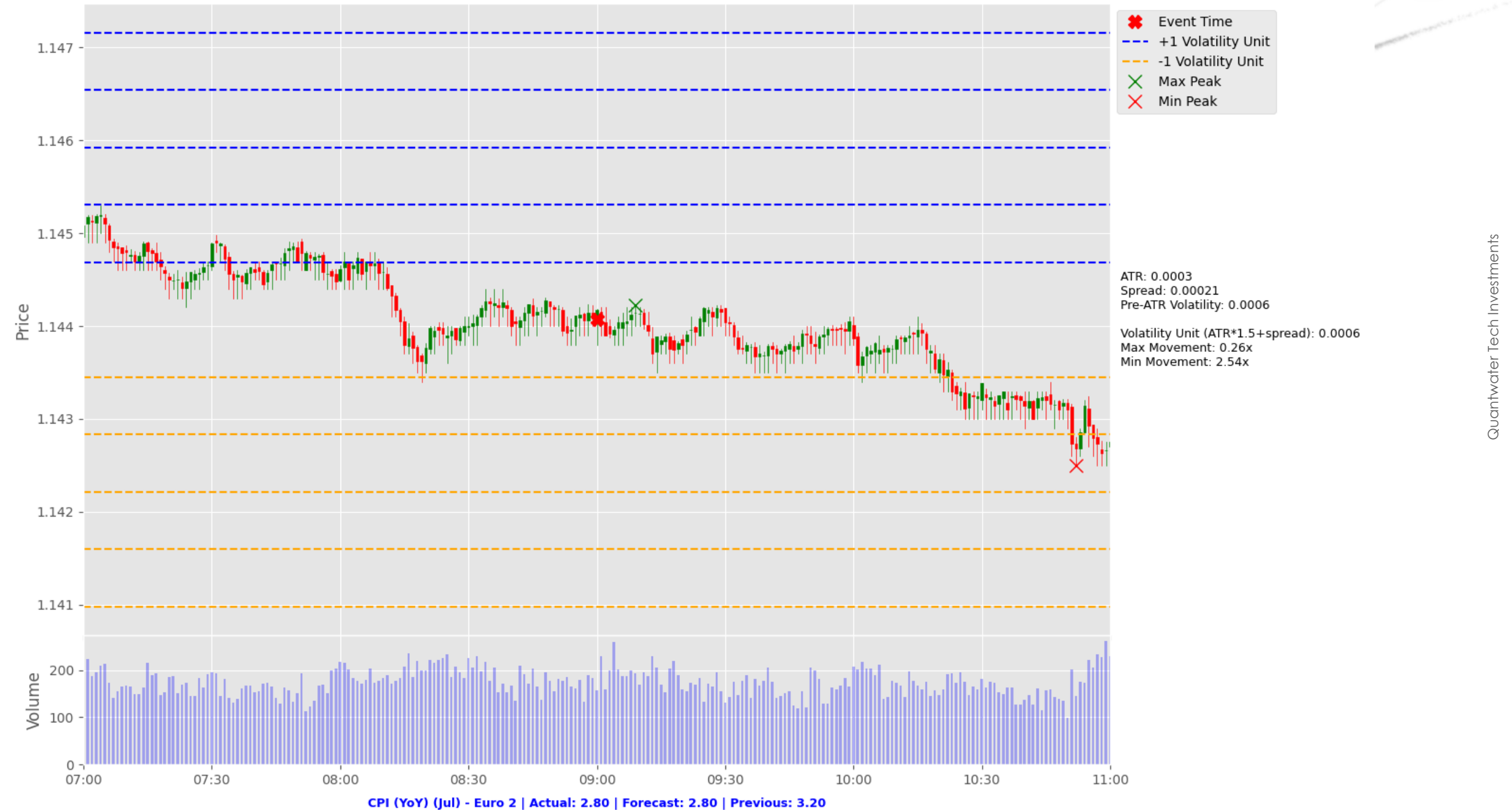
C:EURUSD Price Action - 2026-06-17 09:00 GMT



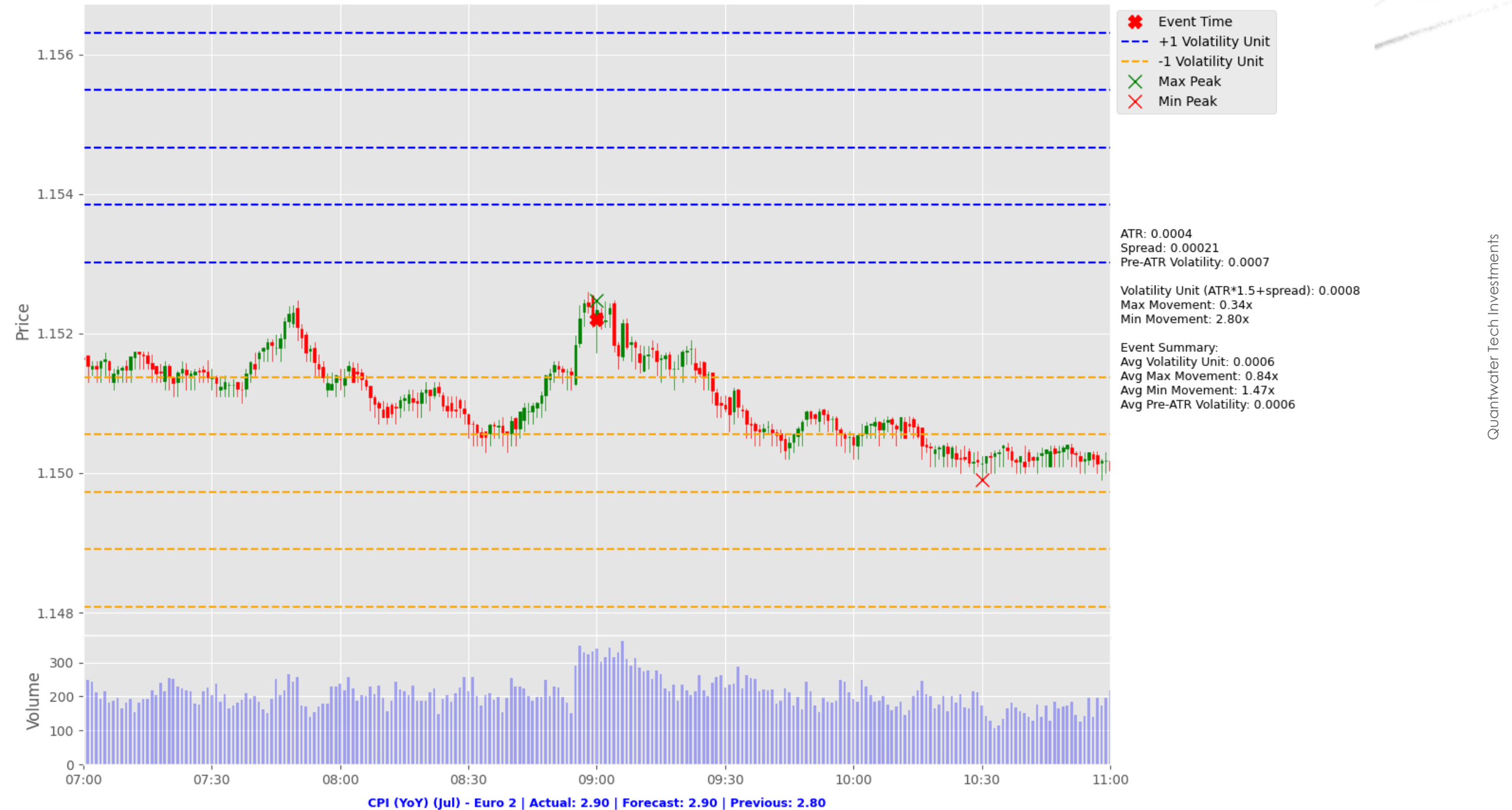
C:EURUSD Price Action - 2026-07-01 09:00 GMT



C:EURUSD Price Action - 2026-07-17 09:00 GMT



C:EURUSD Price Action - 2026-07-31 09:00 GMT

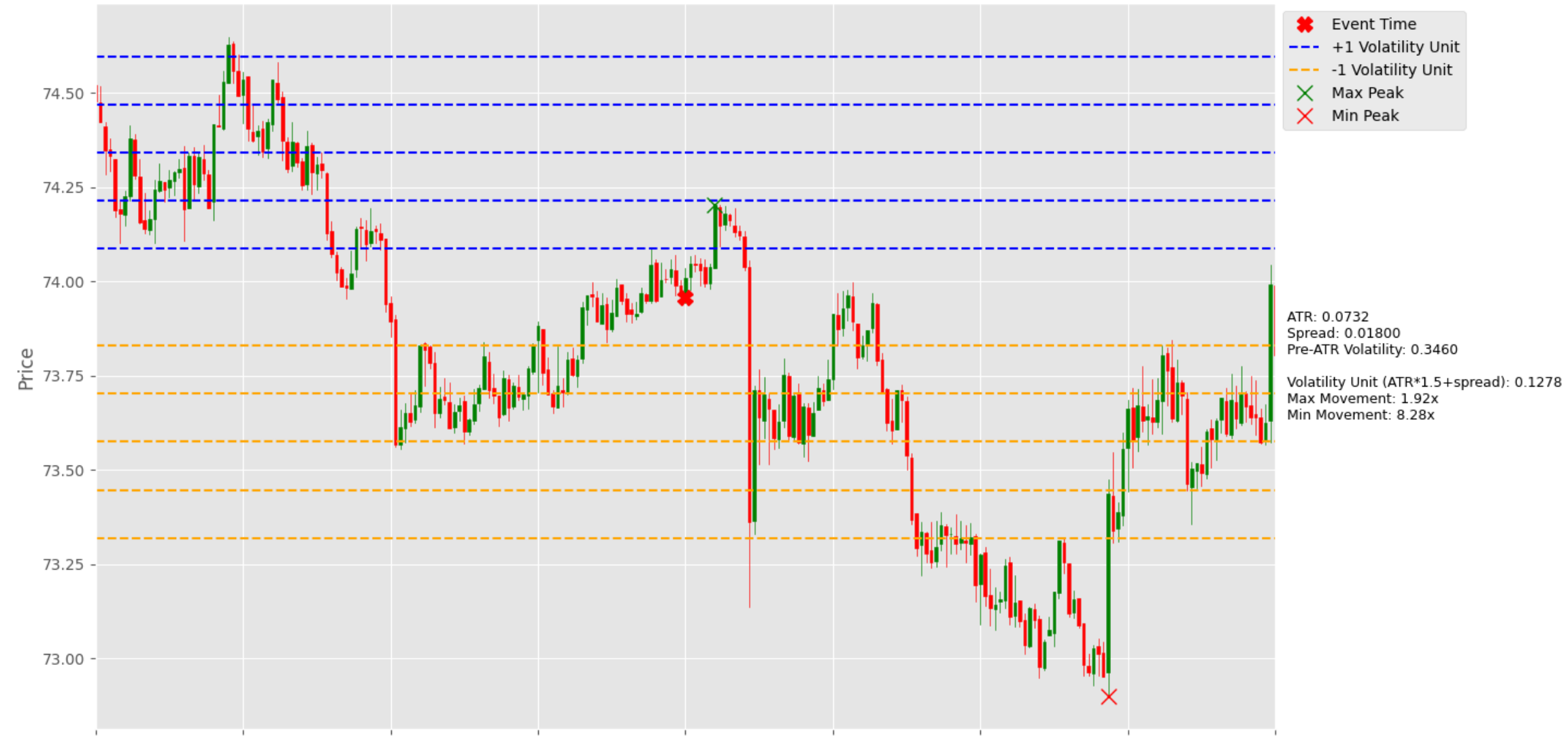


Crude Oil Inventories

Crude Oil Inventories 2

USOILRoll

USOILRoll Price Action - 2026-07-08 14:30 GMT



Crude Oil Inventories 2 | Actual: 2.99 | Forecast: -1.9 | Previous: -3.7

USOILRoll Price Action - 2026-07-15 14:30 GMT



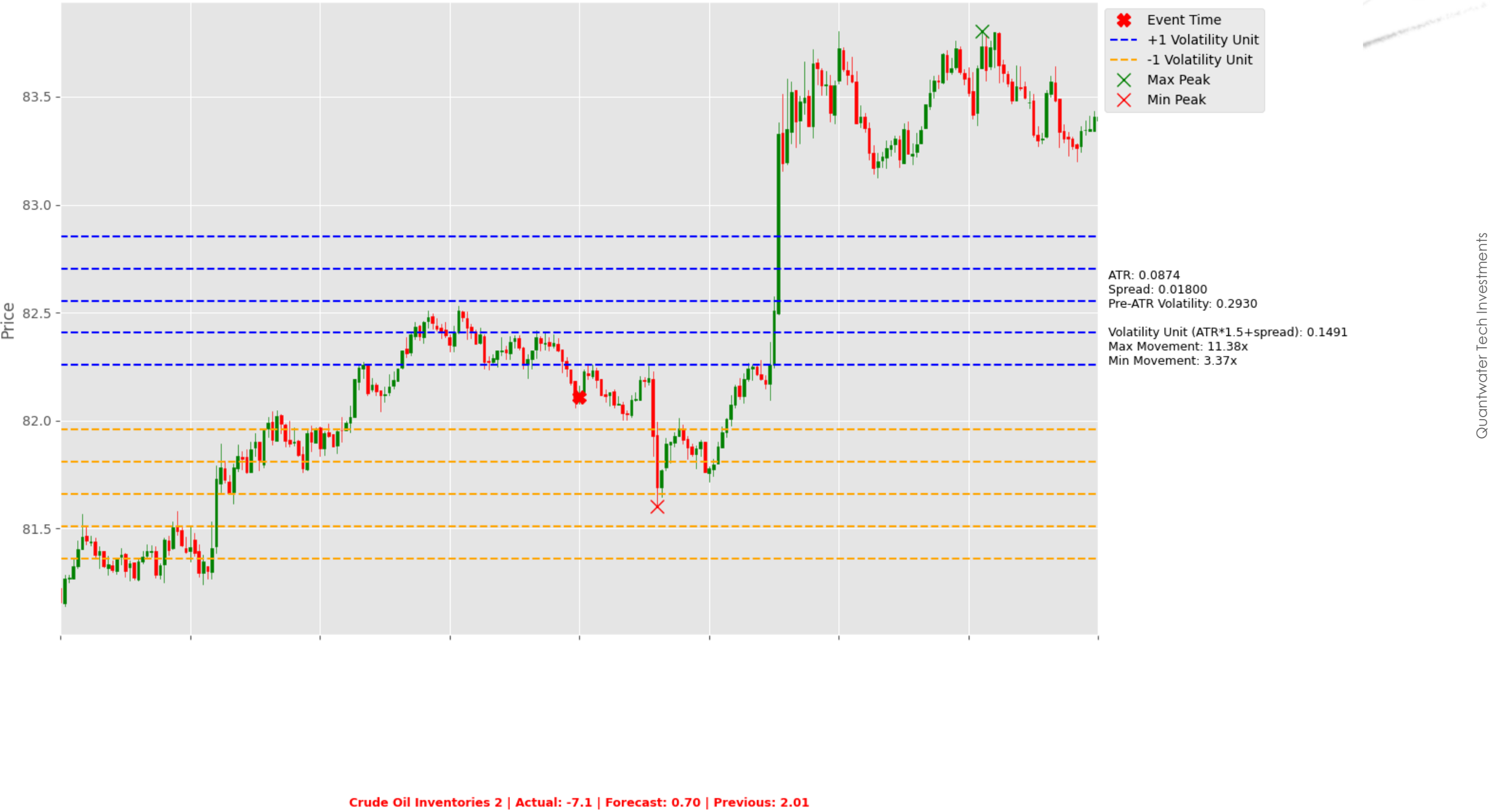
Crude Oil Inventories 2 | Actual: -1.6 | Forecast: -1.8 | Previous: 2.99

USOILRoll Price Action - 2026-07-22 14:30 GMT



Crude Oil Inventories 2 | Actual: 2.01 | Forecast: -2.0 | Previous: -1.6

USOILRoll Price Action - 2026-07-29 14:30 GMT

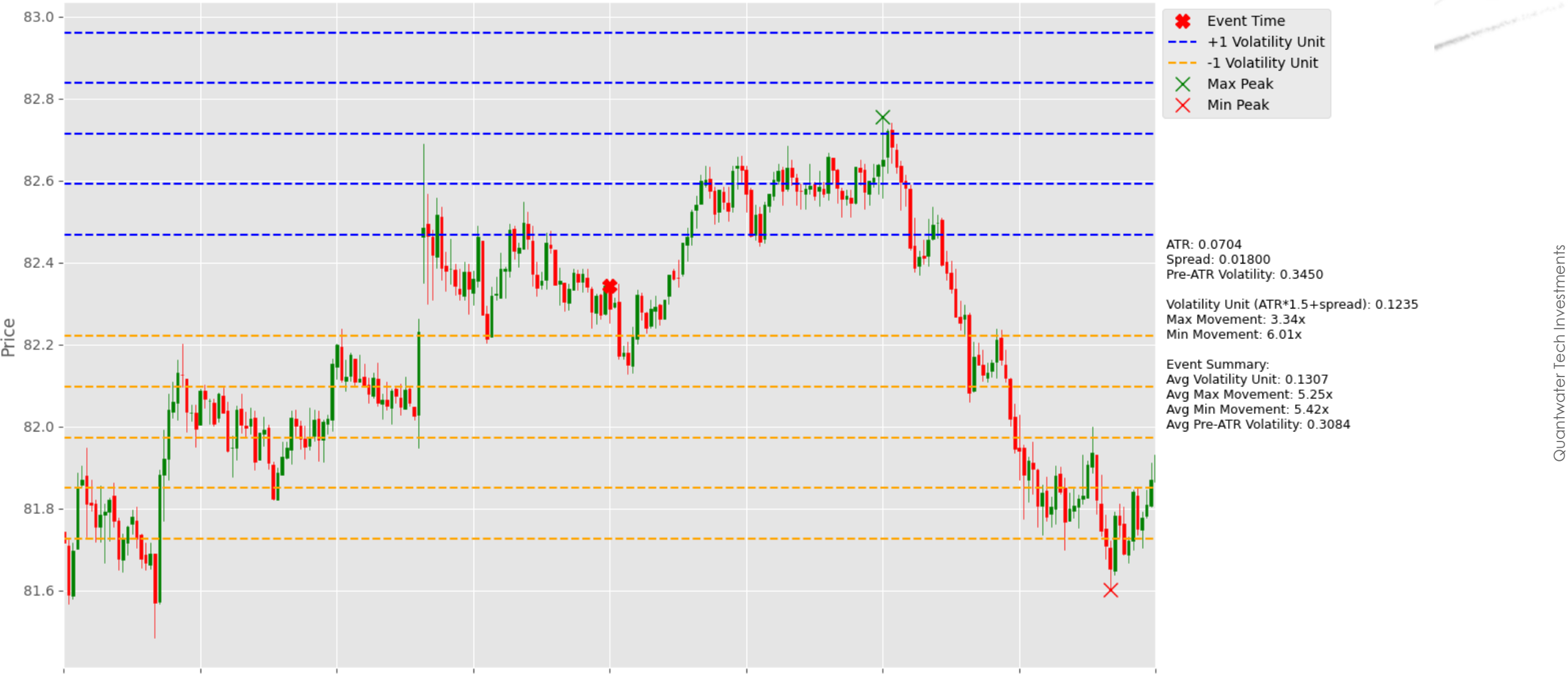


USOILRoll Price Action - 2026-08-05 14:30 GMT



Crude Oil Inventories 2 | Actual: 2.47 | Forecast: -1.5 | Previous: -7.1

USOILRoll Price Action - 2026-08-12 14:30 GMT



FOMC Meeting Minutes

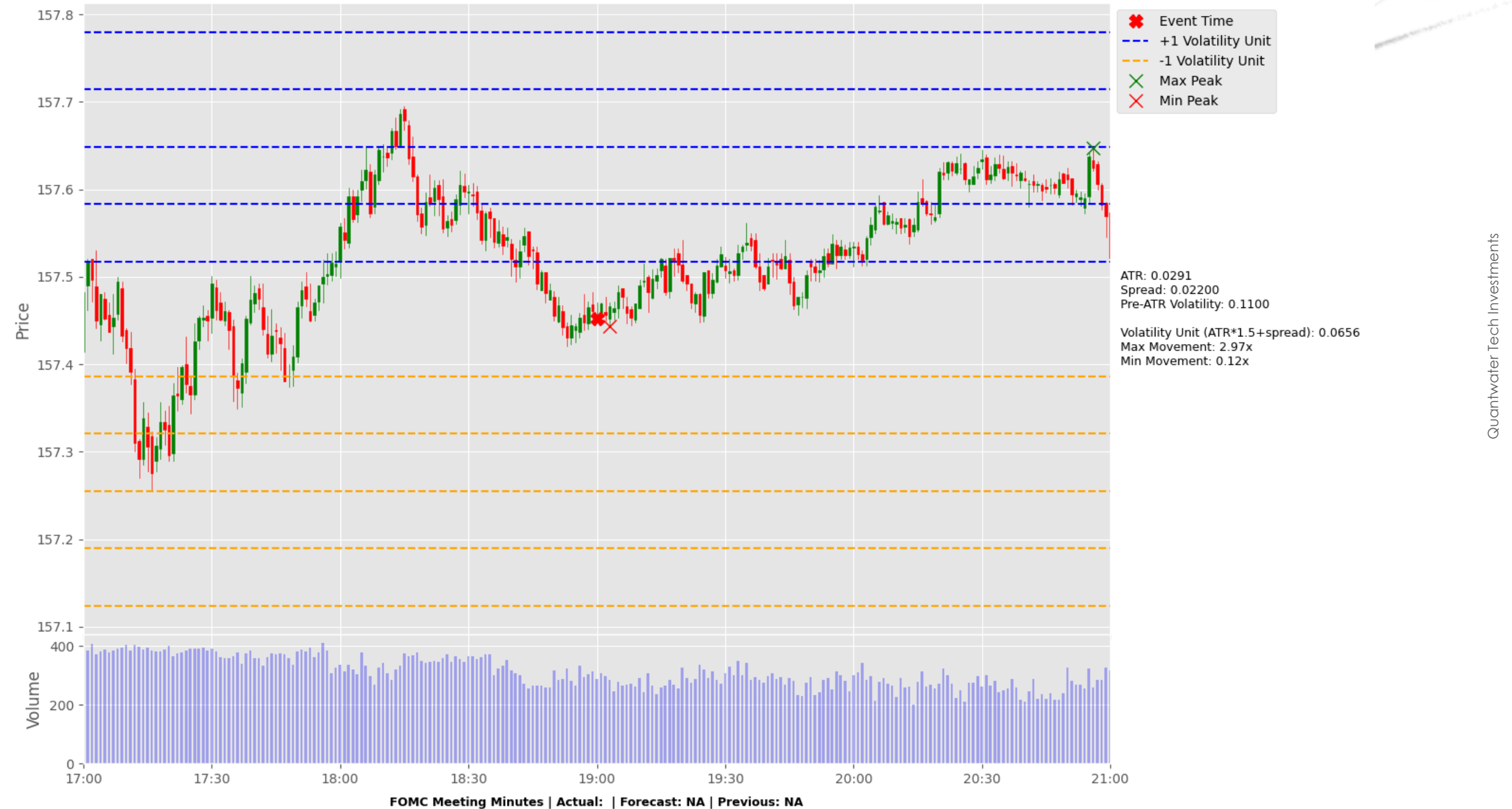
FOMC Meeting Minutes

Release Date	Actual	Forecast	Previous
2025-11-20		NA	NA
2025-12-31		NA	NA
2026-02-19		NA	NA
2026-04-08		NA	NA
2026-05-20		NA	NA
2026-07-08		NA	NA

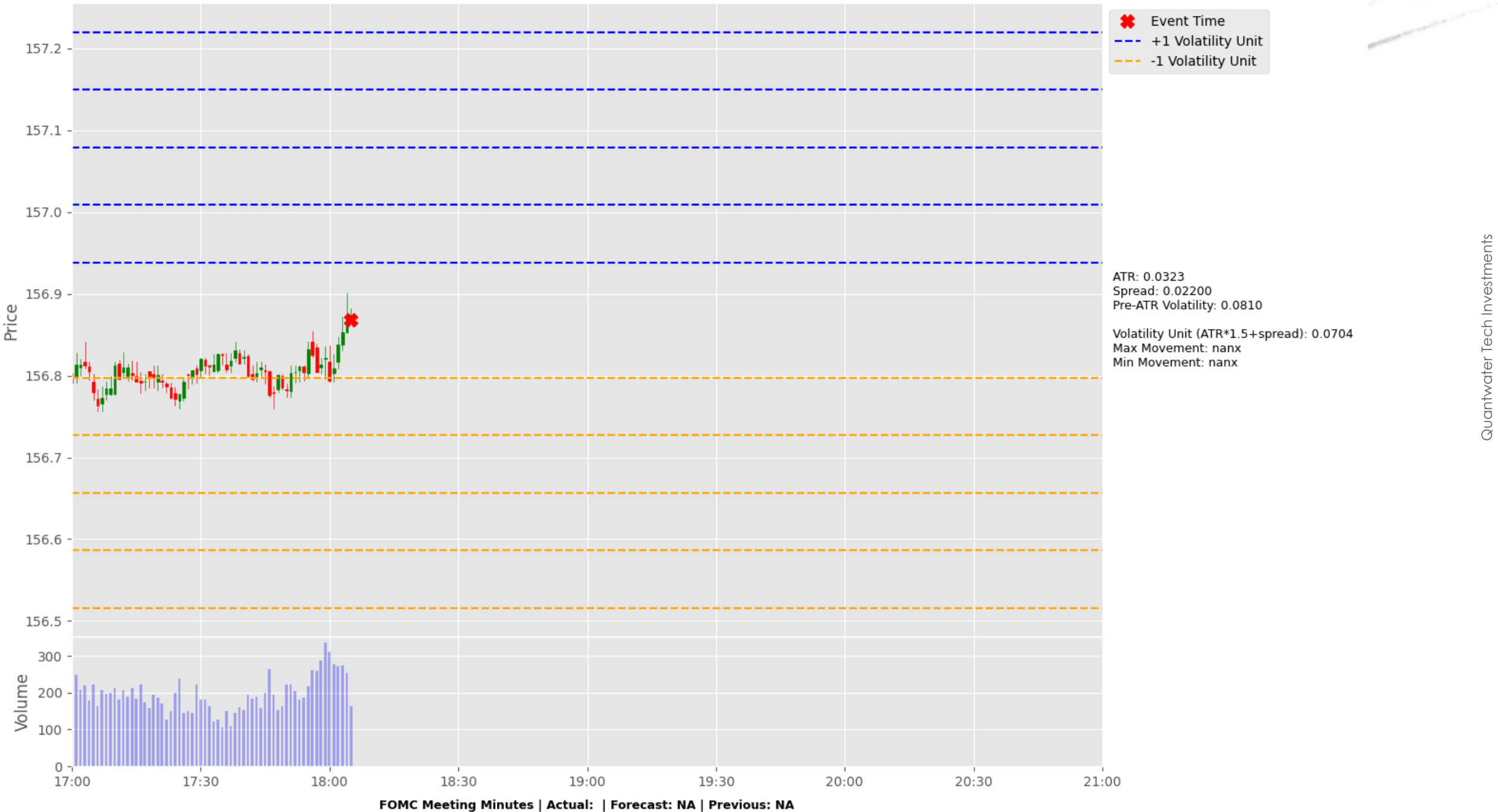
FOMC Meeting Minutes

C:USDJPY

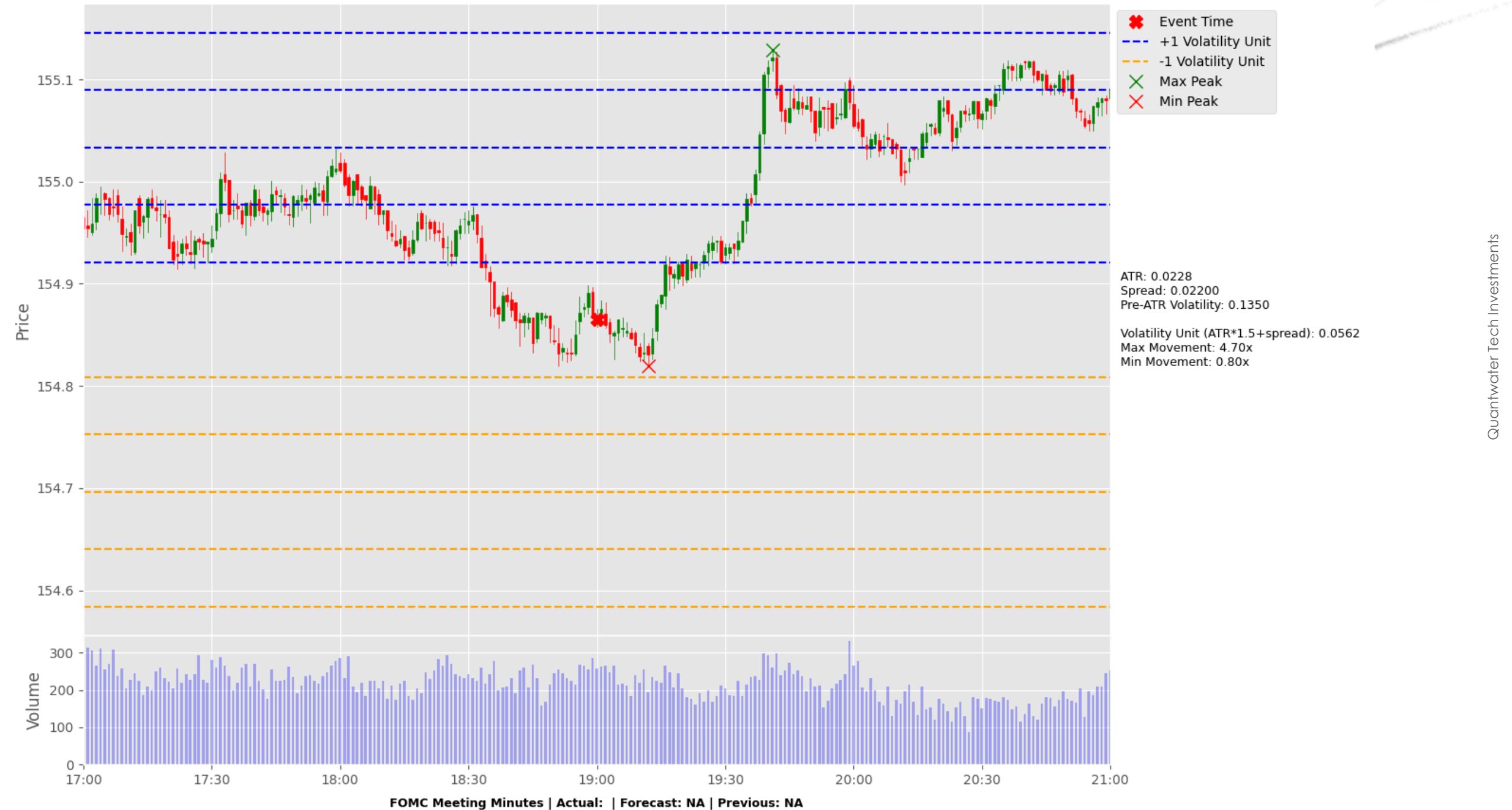
C:USDJPY Price Action - 2025-11-20 19:00 GMT



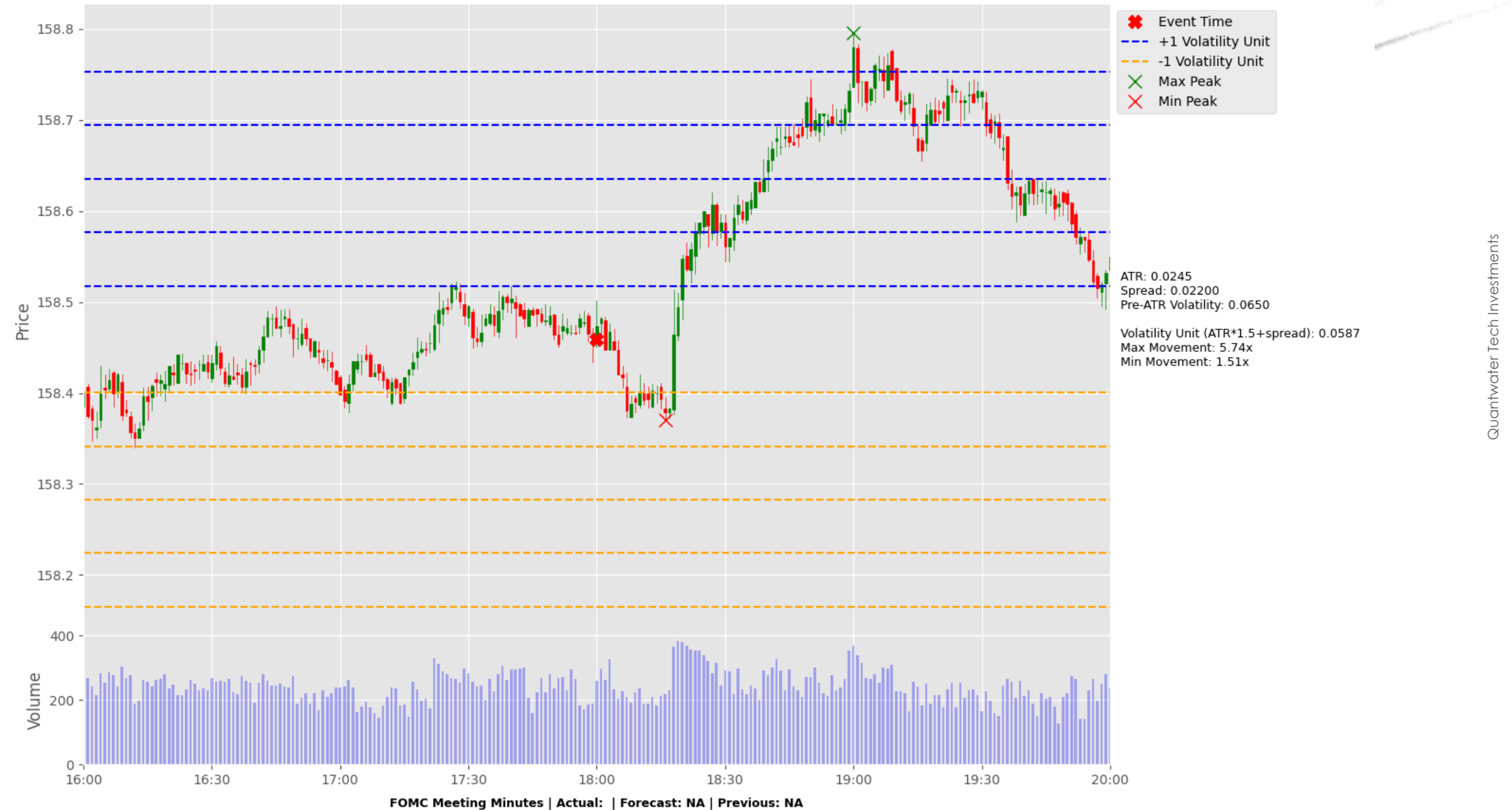
C:USDJPY Price Action - 2025-12-31 19:00 GMT



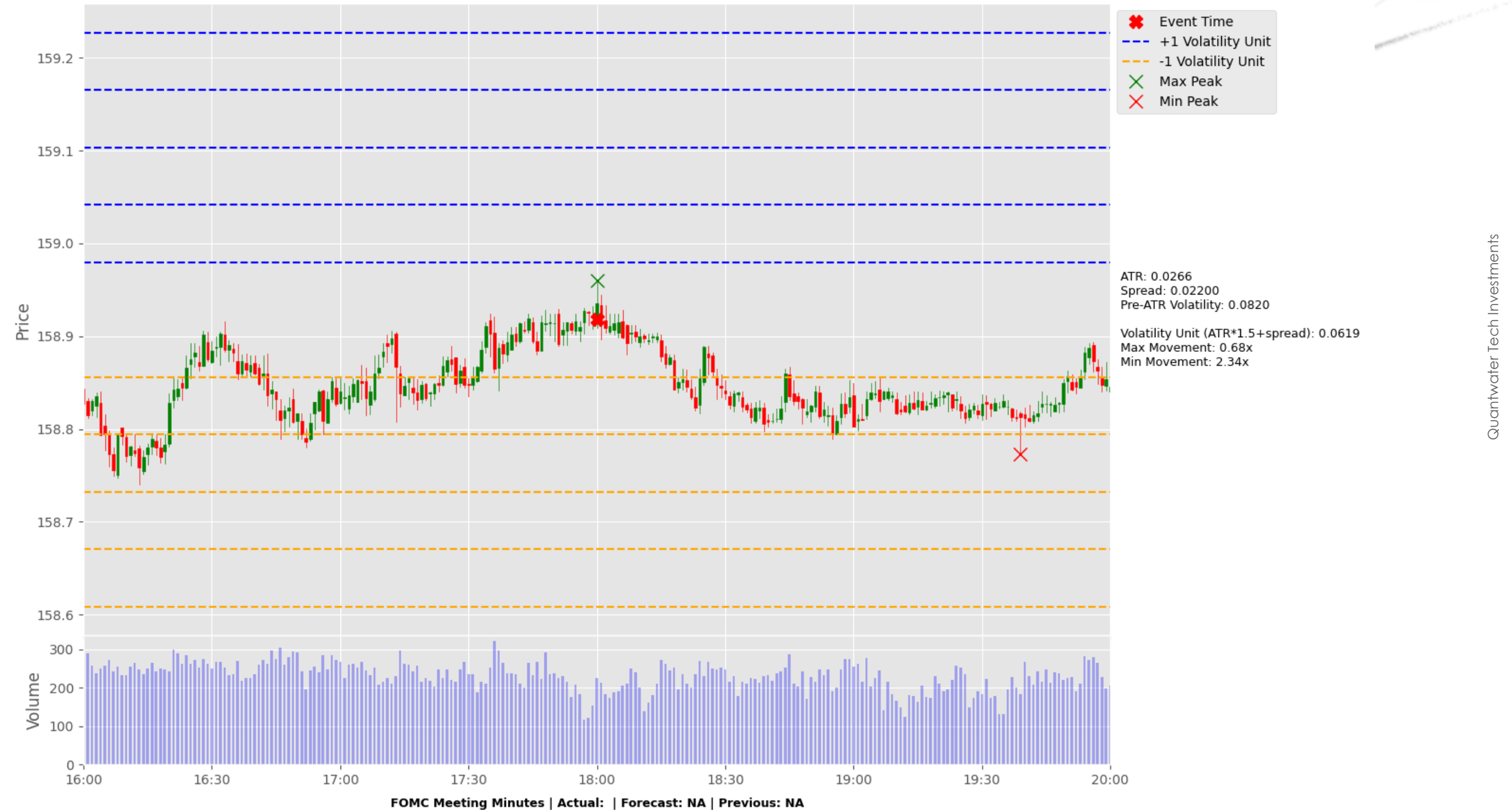
C:USDJPY Price Action - 2026-02-19 19:00 GMT



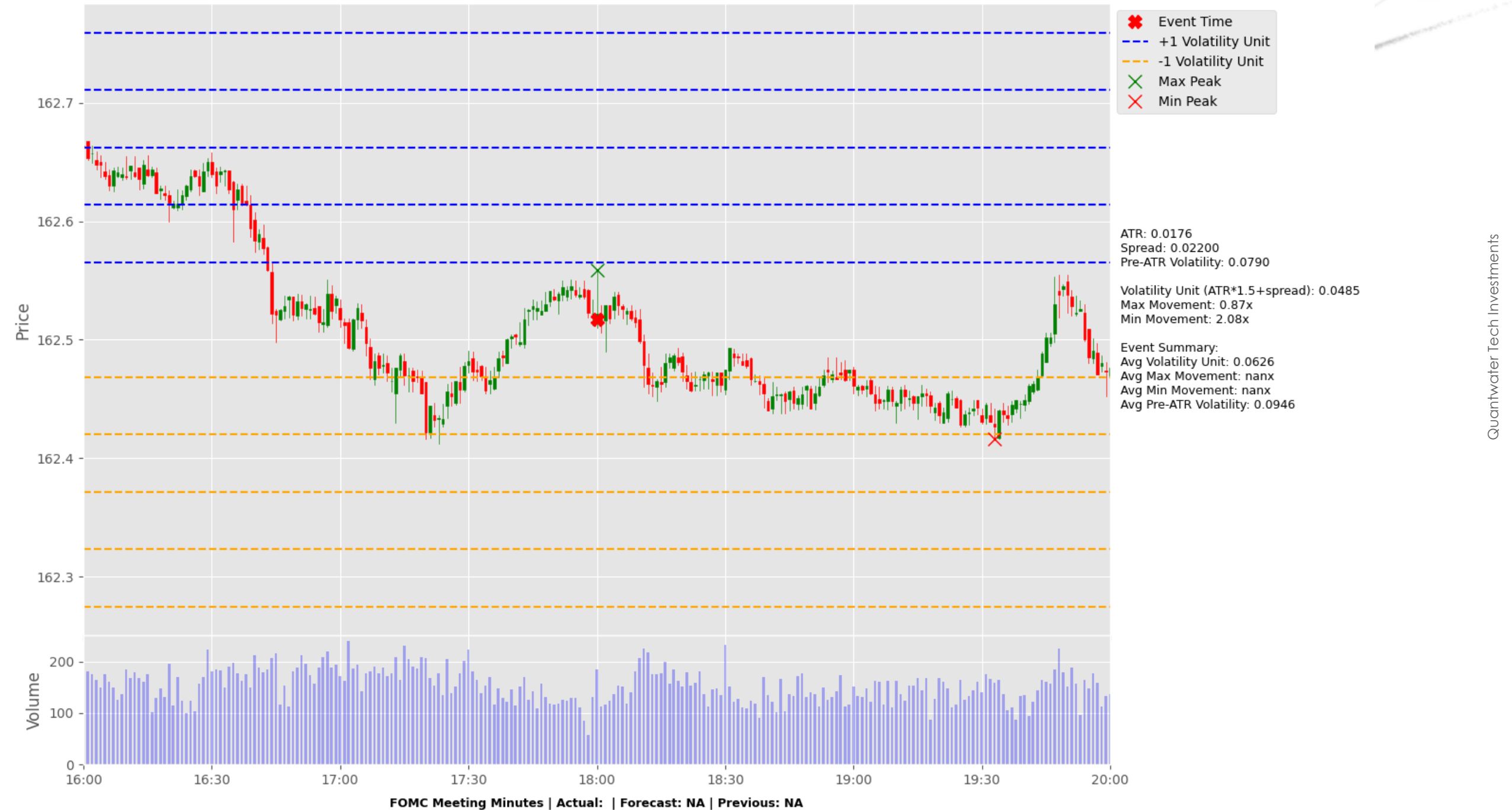
C:USDJPY Price Action - 2026-04-08 18:00 GMT



C:USDJPY Price Action - 2026-05-20 18:00 GMT



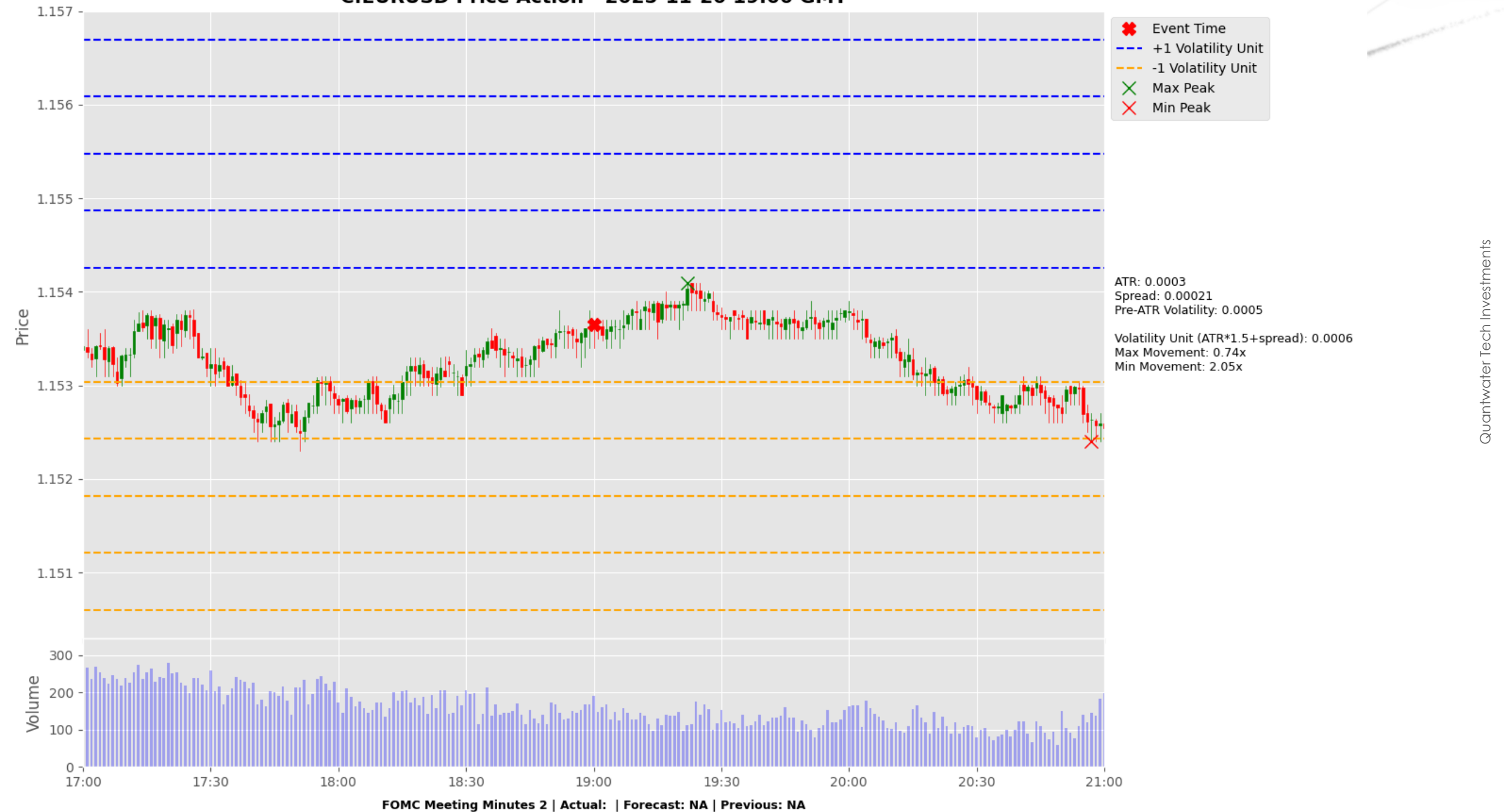
C:USDJPY Price Action - 2026-07-08 18:00 GMT



FOMC Meeting Minutes 2

C:EURUSD

C:EURUSD Price Action - 2025-11-20 19:00 GMT

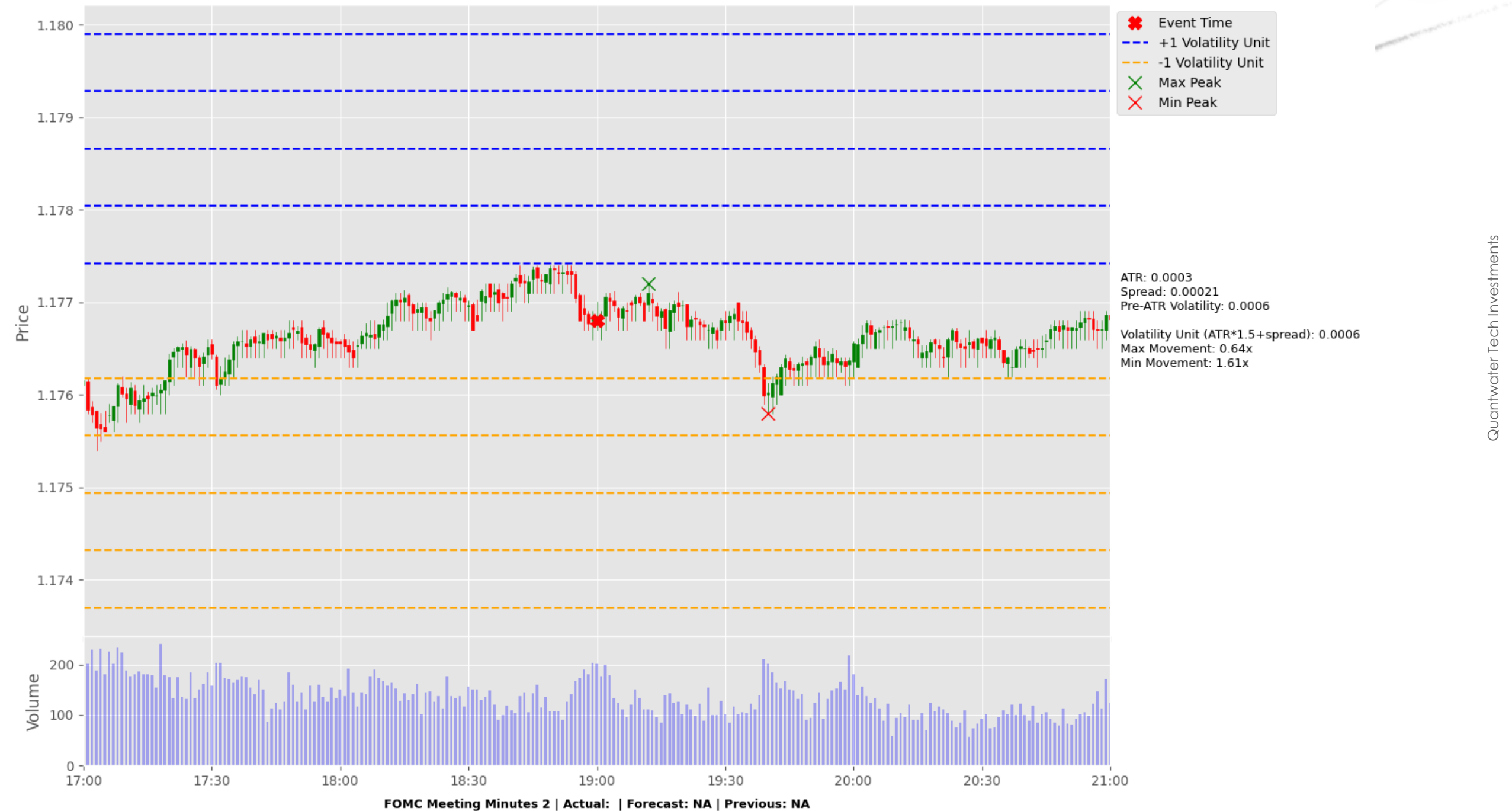


C:EURUSD Price Action - 2025-12-31 19:00 GMT

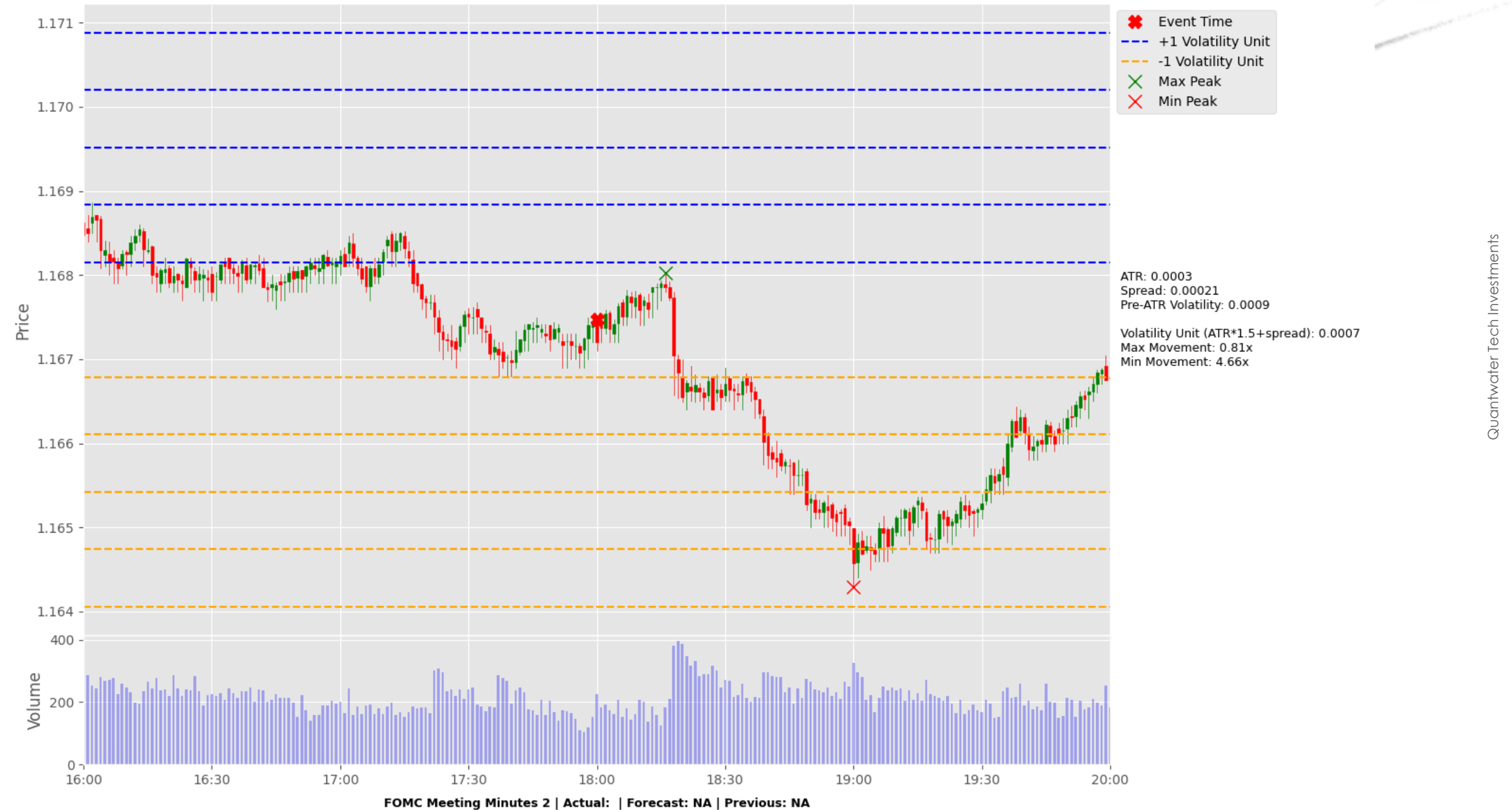
- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit

ATR: 0.0003
Spread: 0.00021
Pre-ATR Volatility: 0.0007
Volatility Unit (ATR*1.5+spread): 0.0007
Max Movement: nanx
Min Movement: nanx

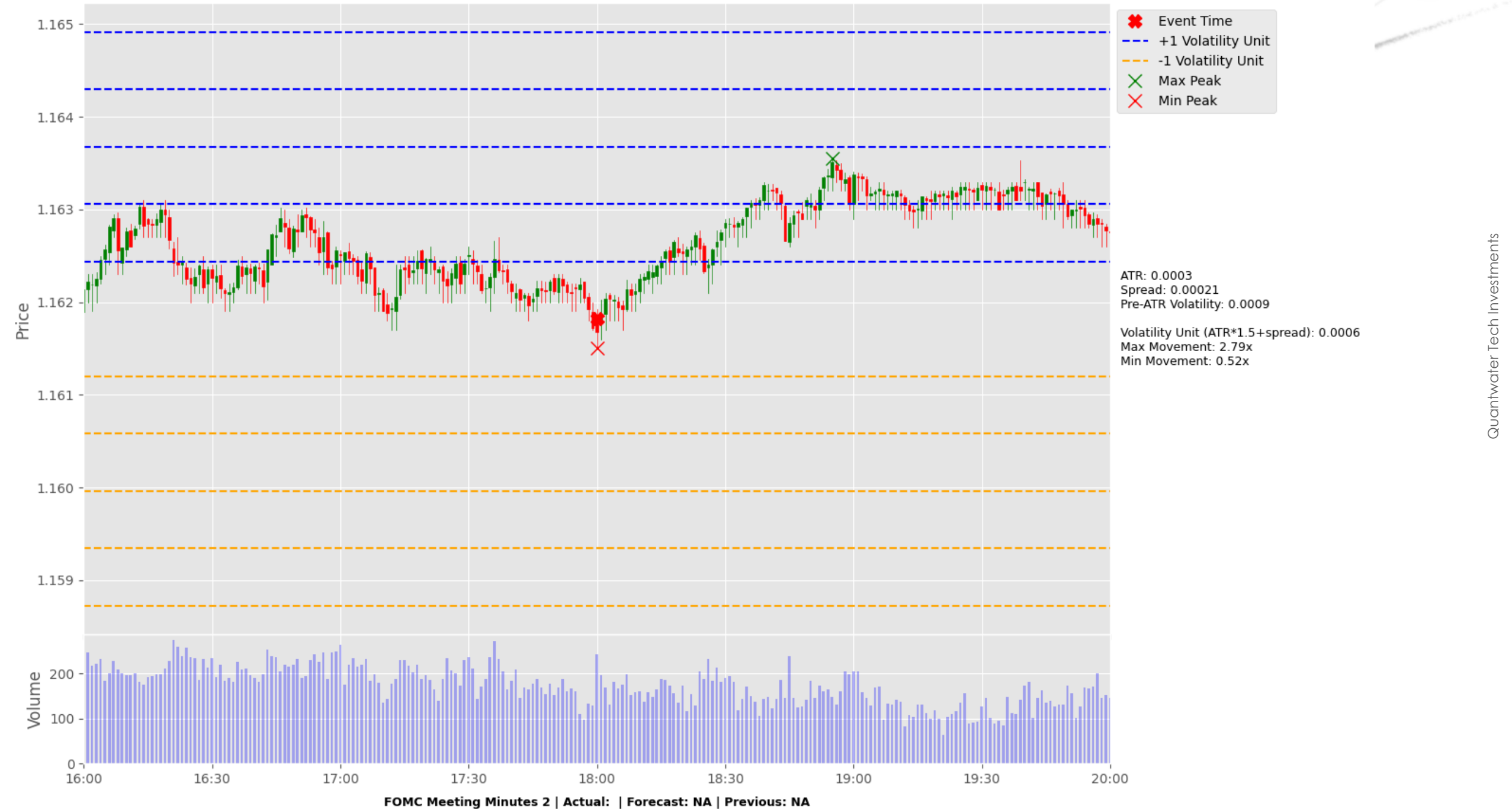
C:EURUSD Price Action - 2026-02-19 19:00 GMT



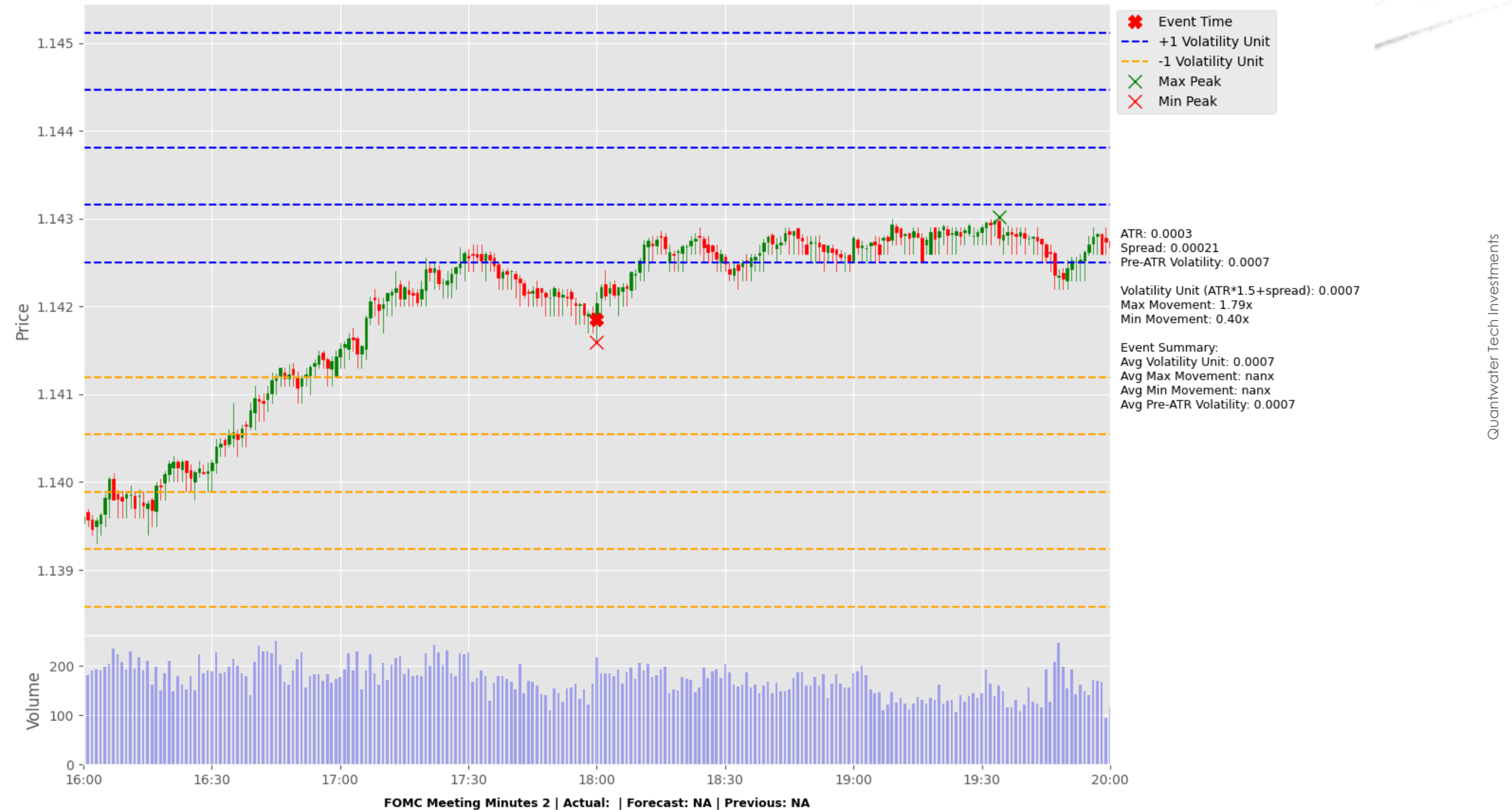
C:EURUSD Price Action - 2026-04-08 18:00 GMT



C:EURUSD Price Action - 2026-05-20 18:00 GMT



C:EURUSD Price Action - 2026-07-08 18:00 GMT



Philadelphia Fed Manufacturing Index (Aug)

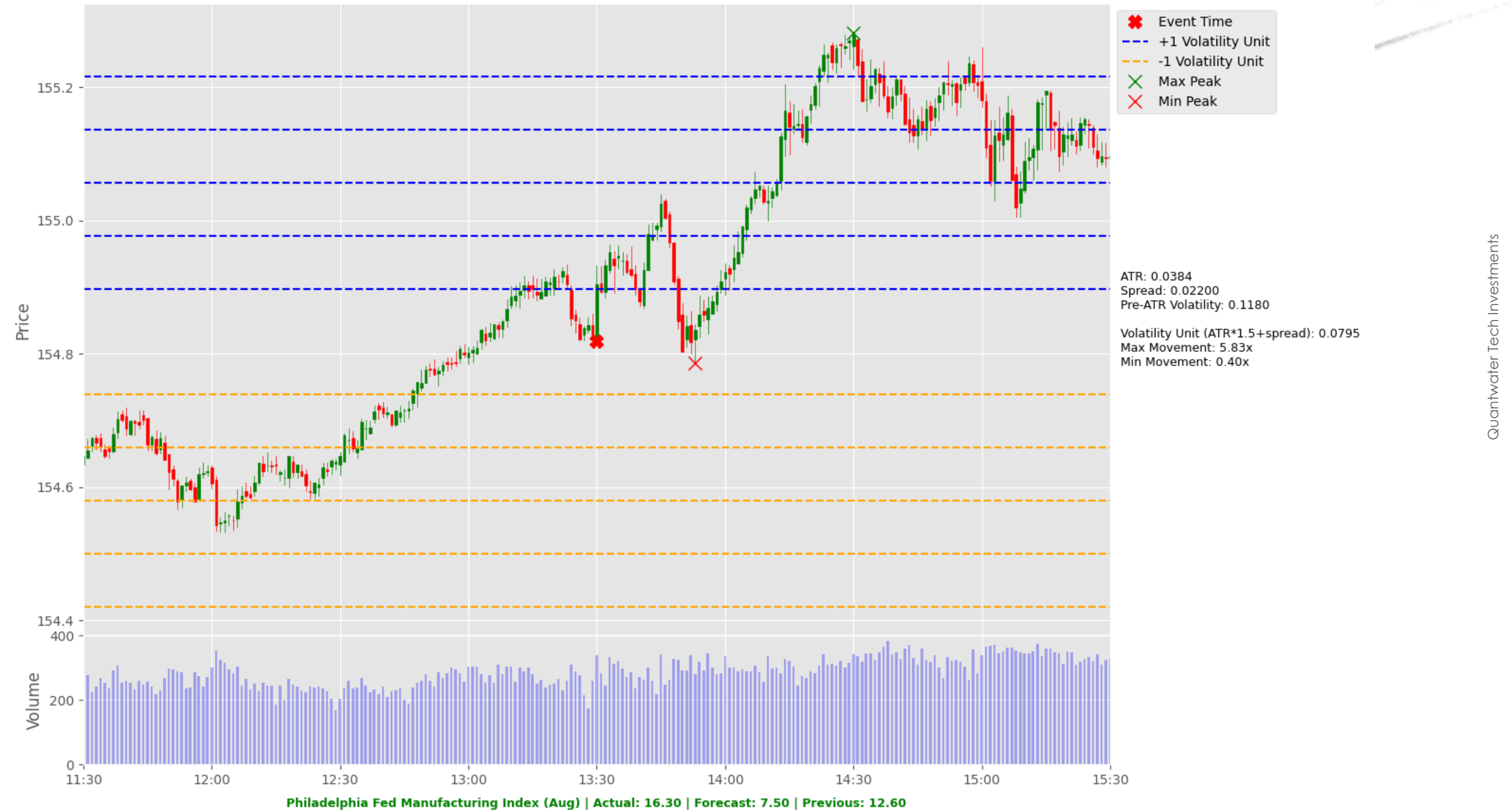
Philadelphia Fed Manufacturing Index (Aug)

Release Date	Actual	Forecast	Previous
2026-02-19	16.30	7.50	12.60
2026-03-19	18.10	8.30	16.30
2026-04-16	26.70	10.30	18.10
2026-05-21	-0.40	17.60	26.70
2026-06-18	10.30	9.80	-0.40
2026-07-16	41.40	12.70	10.30

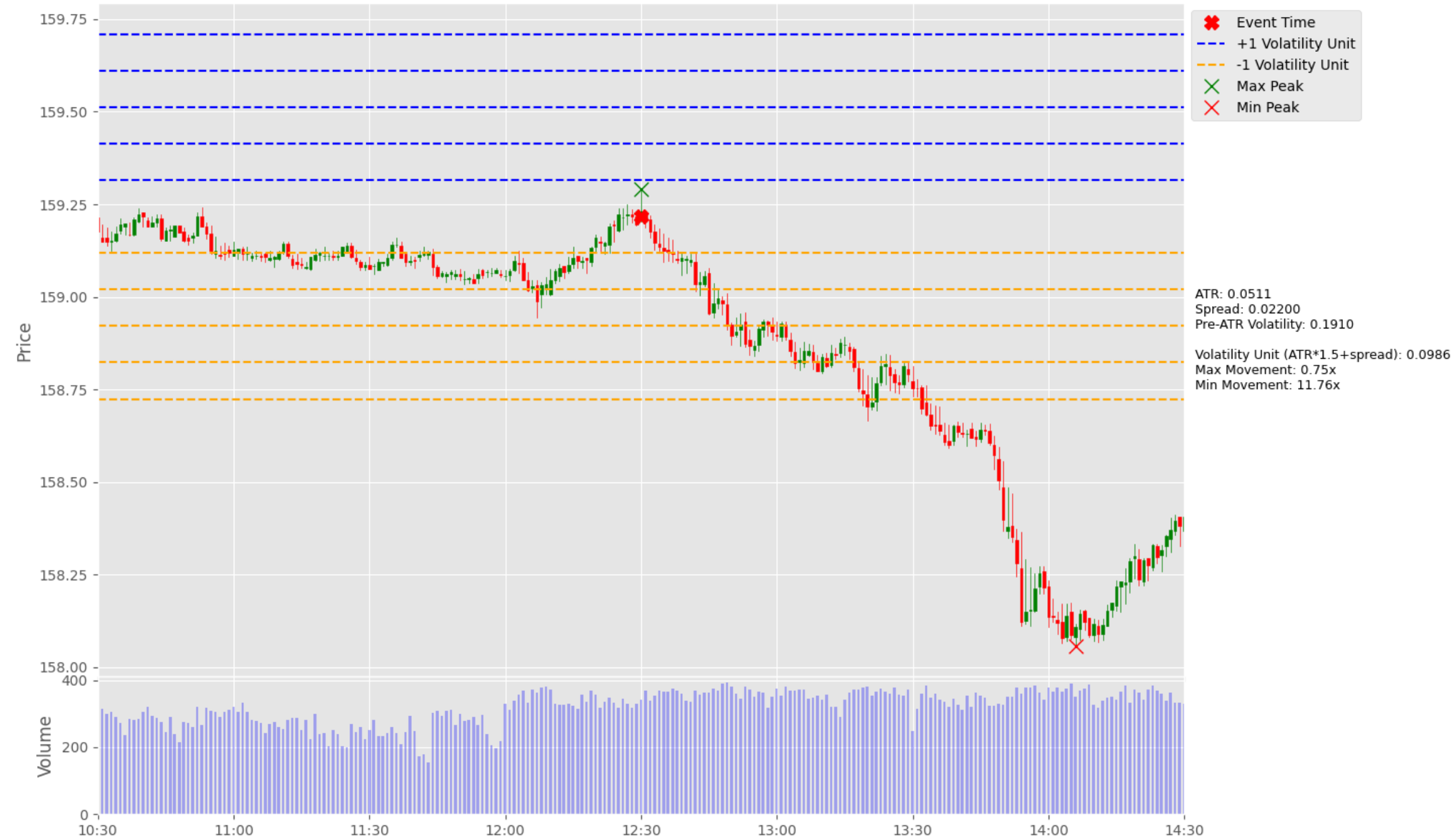
Philadelphia Fed Manufacturing Index (Aug)

C:USDJPY

C:USDJPY Price Action - 2026-02-19 13:30 GMT



C:USDJPY Price Action - 2026-03-19 12:30 GMT



C:USDJPY Price Action - 2026-04-16 12:30 GMT



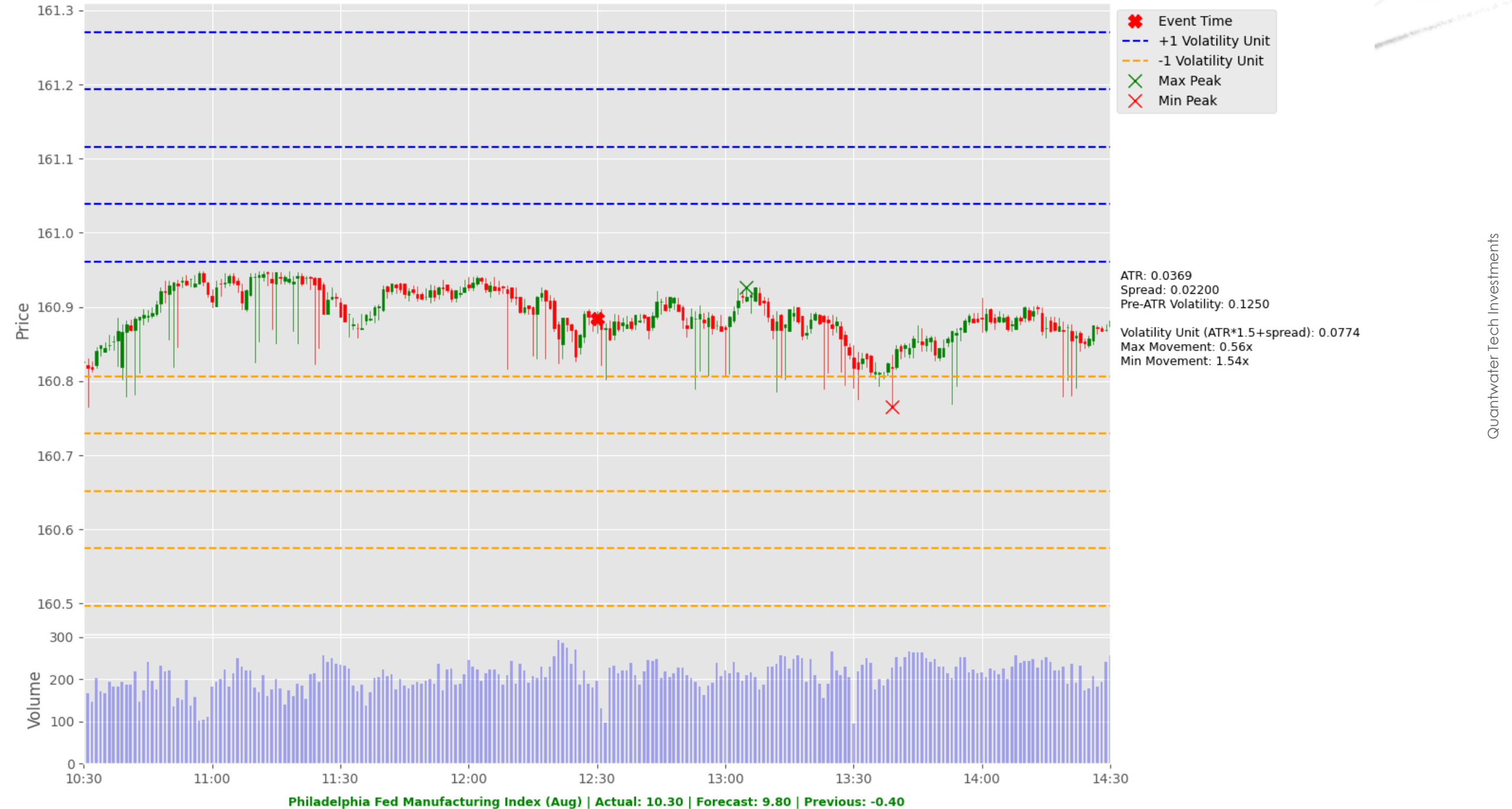
C:USDJPY Price Action - 2026-05-21 12:30 GMT

- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0214
Spread: 0.02200
Pre-ATR Volatility: 0.0370

Volatility Unit (ATR*1.5+spread): 0.0541
Max Movement: 3.12x
Min Movement: 1.70x

C:USDJPY Price Action - 2026-06-18 12:30 GMT



C:USDJPY Price Action - 2026-07-16 12:30 GMT



- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0214
Spread: 0.02200
Pre-ATR Volatility: 0.0600

Volatility Unit (ATR*1.5+spread): 0.0541
Max Movement: 3.99x
Min Movement: 0.46x

Event Summary:
Avg Volatility Unit: 0.0749
Avg Max Movement: 2.84x
Avg Min Movement: 3.30x
Avg Pre-ATR Volatility: 0.1204

Philadelphia Fed Manufacturing Index (Aug) | Actual: 41.40 | Forecast: 12.70 | Previous: 10.30

Philadelphia Fed Manufacturing Index (Aug) 2

C:EURUSD

C:EURUSD Price Action - 2026-02-19 13:30 GMT

- ✱ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0004
Spread: 0.00021
Pre-ATR Volatility: 0.0016
Volatility Unit (ATR*1.5+spread): 0.0008
Max Movement: 1.62x
Min Movement: 2.31x

Price

Volume

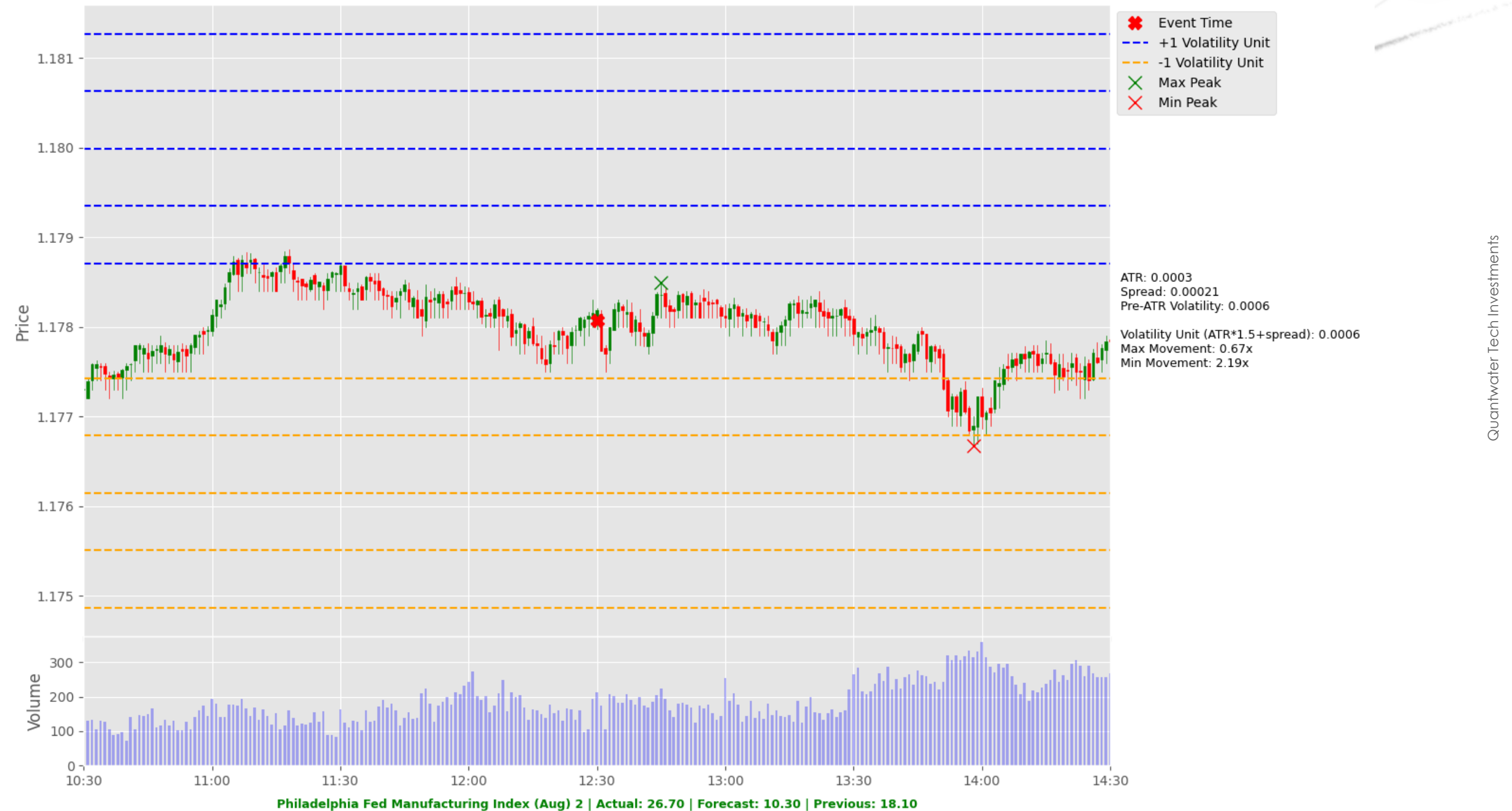
Philadelphia Fed Manufacturing Index (Aug) 2 | Actual: 16.30 | Forecast: 7.50 | Previous: 12.60

C:EURUSD Price Action - 2026-03-19 12:30 GMT



Philadelphia Fed Manufacturing Index (Aug) 2 | Actual: 18.10 | Forecast: 8.30 | Previous: 16.30

C:EURUSD Price Action - 2026-04-16 12:30 GMT



C:EURUSD Price Action - 2026-05-21 12:30 GMT

- ✱ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0003
Spread: 0.00021
Pre-ATR Volatility: 0.0010
Volatility Unit (ATR*1.5+spread): 0.0007
Max Movement: 2.05x
Min Movement: 2.85x

Price

Volume

Philadelphia Fed Manufacturing Index (Aug) 2 | Actual: -0.40 | Forecast: 17.60 | Previous: 26.70

C:EURUSD Price Action - 2026-06-18 12:30 GMT



- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0005
Spread: 0.00021
Pre-ATR Volatility: 0.0018

Volatility Unit (ATR*1.5+spread): 0.0009
Max Movement: 1.42x
Min Movement: 1.08x

Philadelphia Fed Manufacturing Index (Aug) 2 | Actual: 10.30 | Forecast: 9.80 | Previous: -0.40

C:EURUSD Price Action - 2026-07-16 12:30 GMT



Initial Jobless Claims

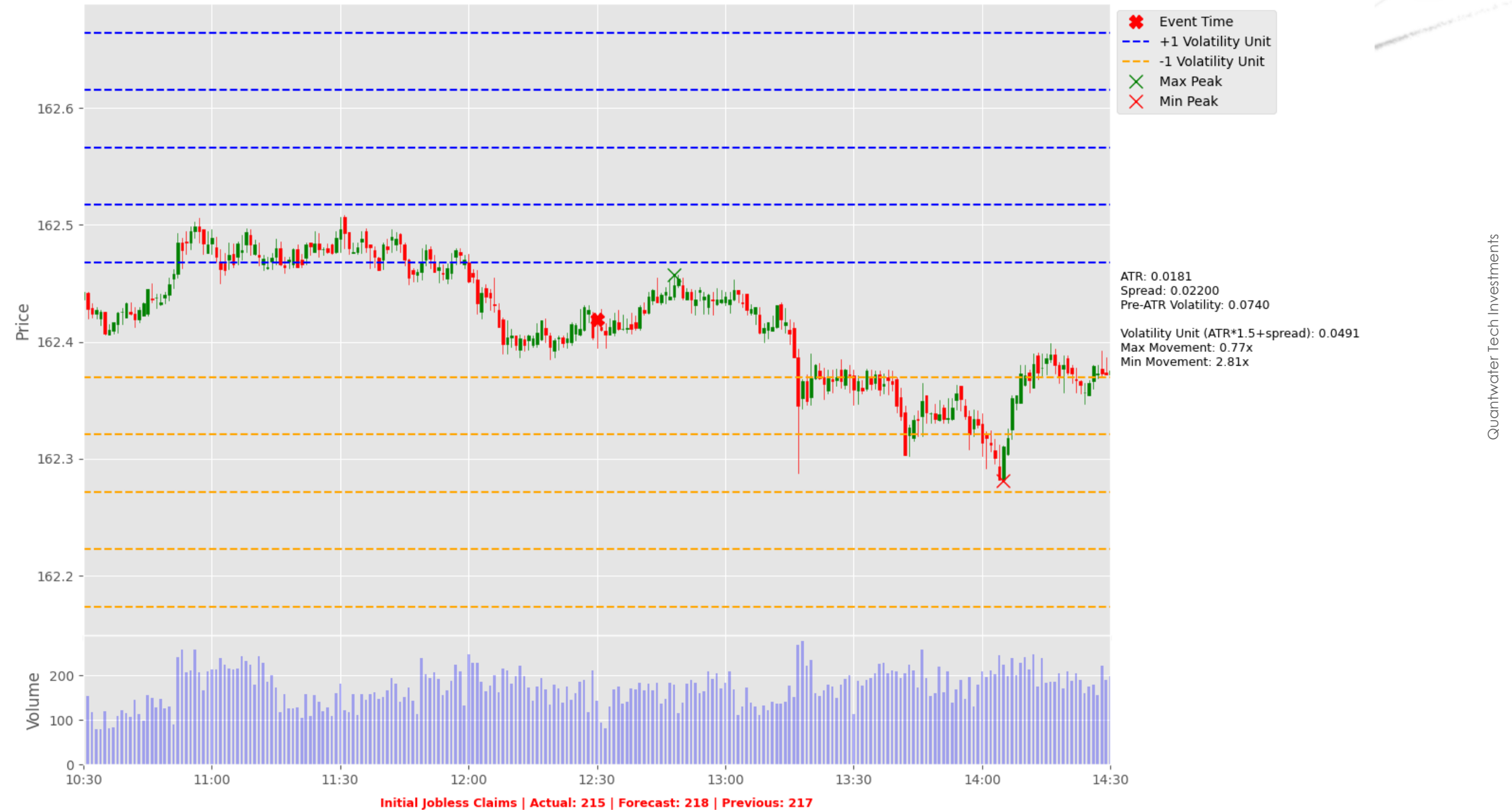
Initial Jobless Claims

Release Date	Actual	Forecast	Previous
2026-07-09	215	218	217
2026-07-16	208	216	216
2026-07-23	187	211	209
2026-07-30	197	201	188
2026-08-06	199	203	198
2026-08-13	209	202	200

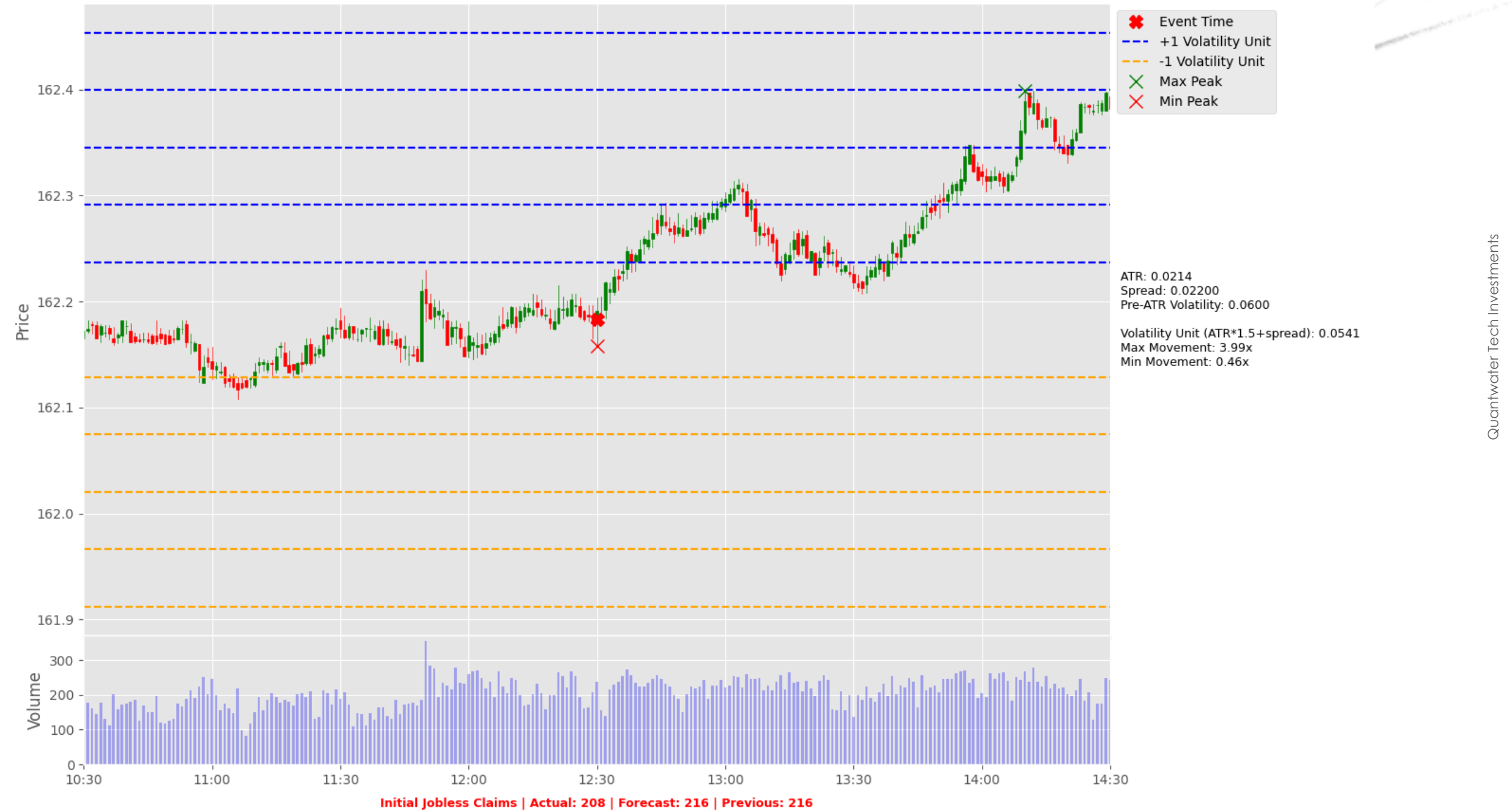
Initial Jobless Claims

C:USDJPY

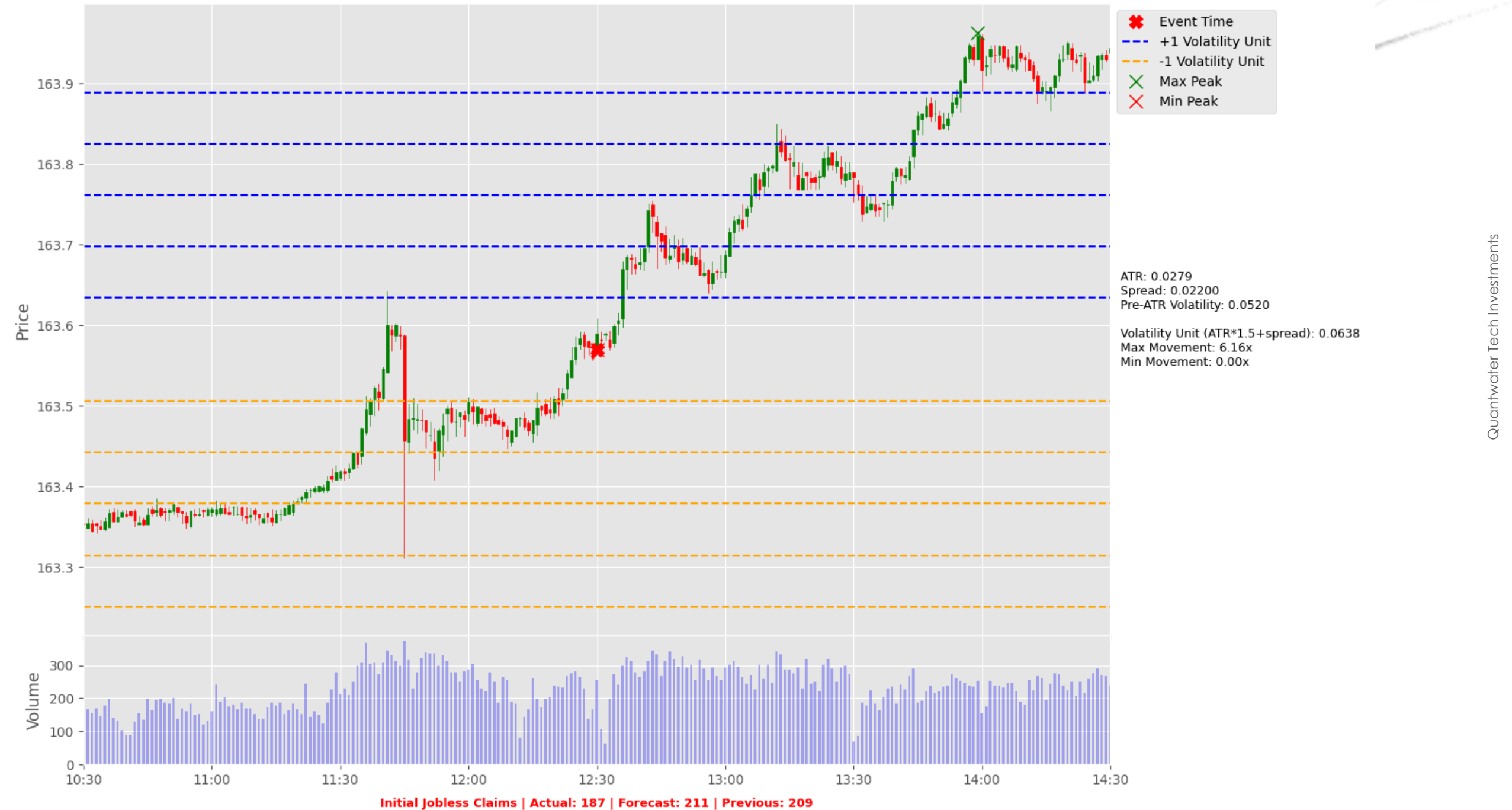
C:USDJPY Price Action - 2026-07-09 12:30 GMT



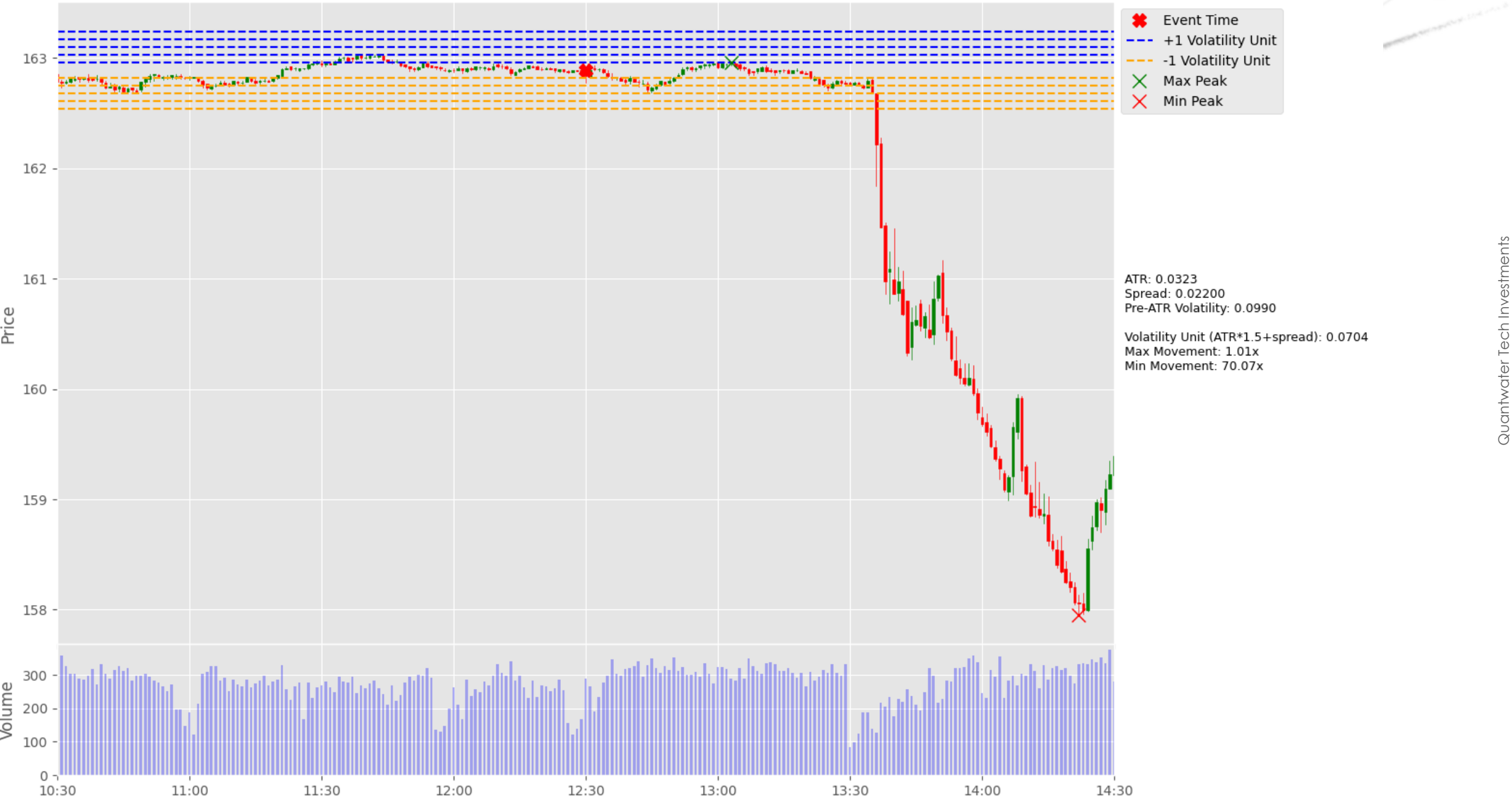
C:USDJPY Price Action - 2026-07-16 12:30 GMT



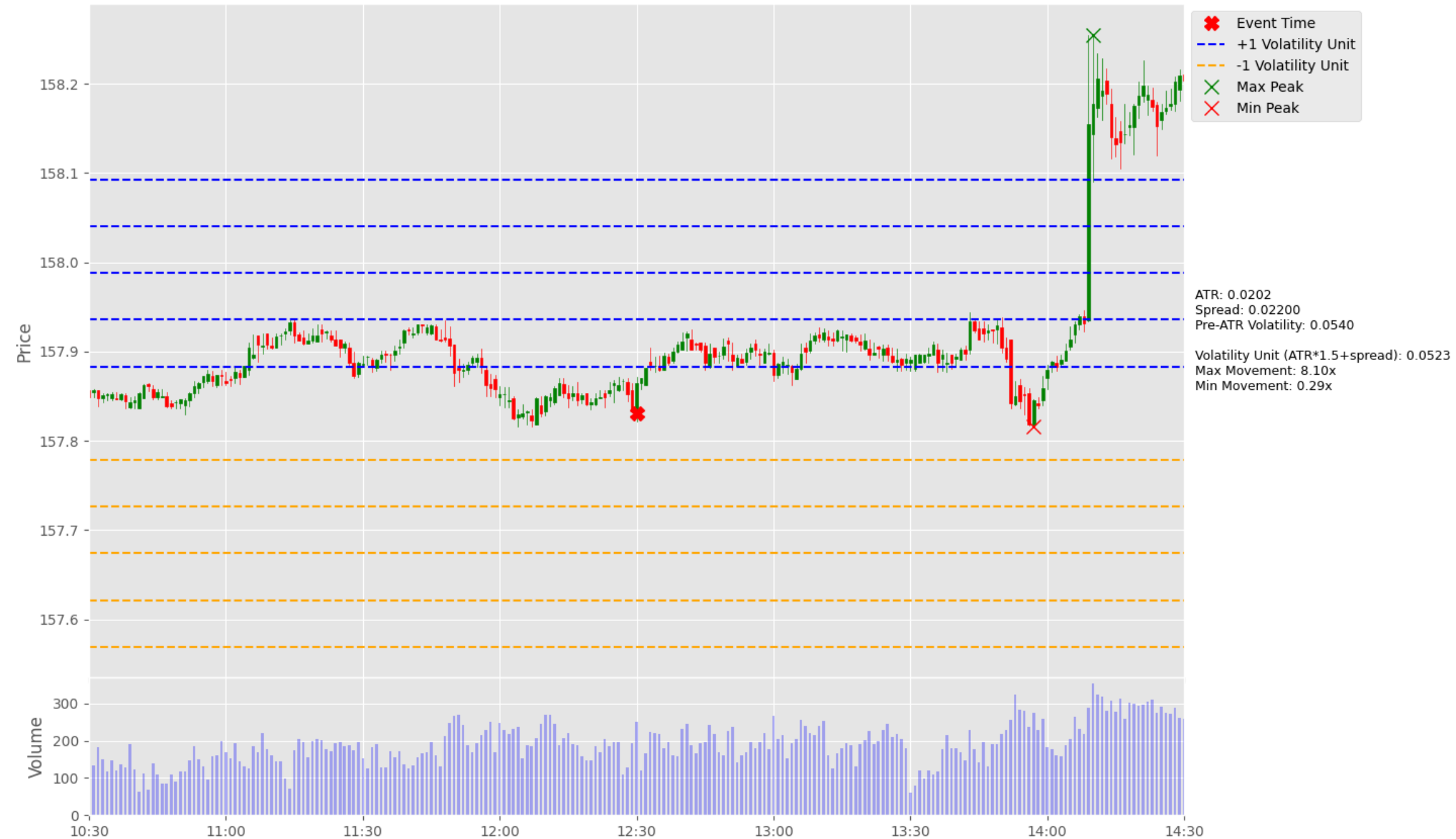
C:USDJPY Price Action - 2026-07-23 12:30 GMT



C:USDJPY Price Action - 2026-07-30 12:30 GMT

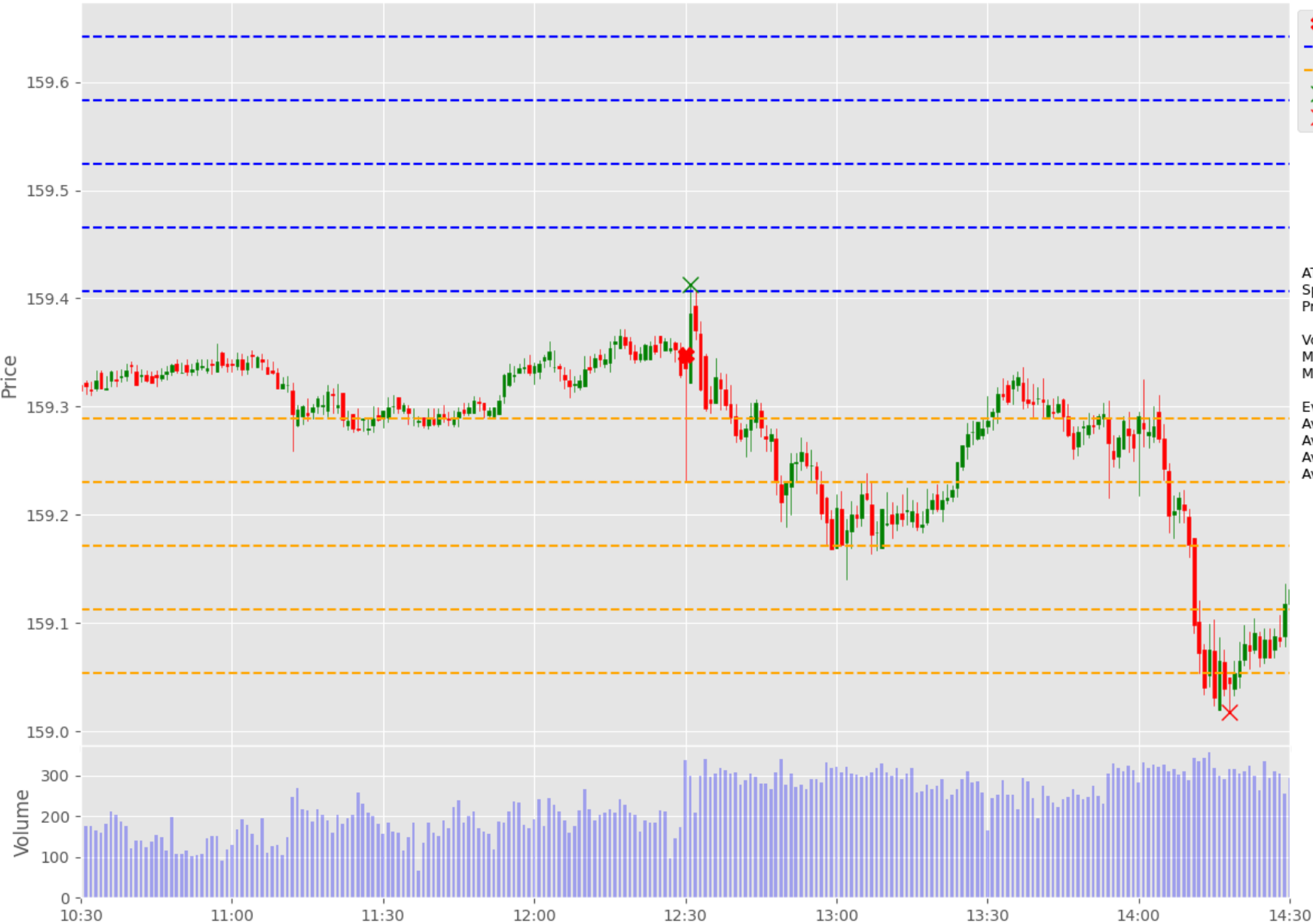


C:USDJPY Price Action - 2026-08-06 12:30 GMT



Initial Jobless Claims | Actual: 199 | Forecast: 203 | Previous: 198

C:USDJPY Price Action - 2026-08-13 12:30 GMT



- ✖ Event Time
- - - +1 Volatility Unit
- - - -1 Volatility Unit
- ✕ Max Peak
- ✕ Min Peak

ATR: 0.0246
Spread: 0.02200
Pre-ATR Volatility: 0.0510

Volatility Unit (ATR*1.5+spread): 0.0589
Max Movement: 1.10x
Min Movement: 5.61x

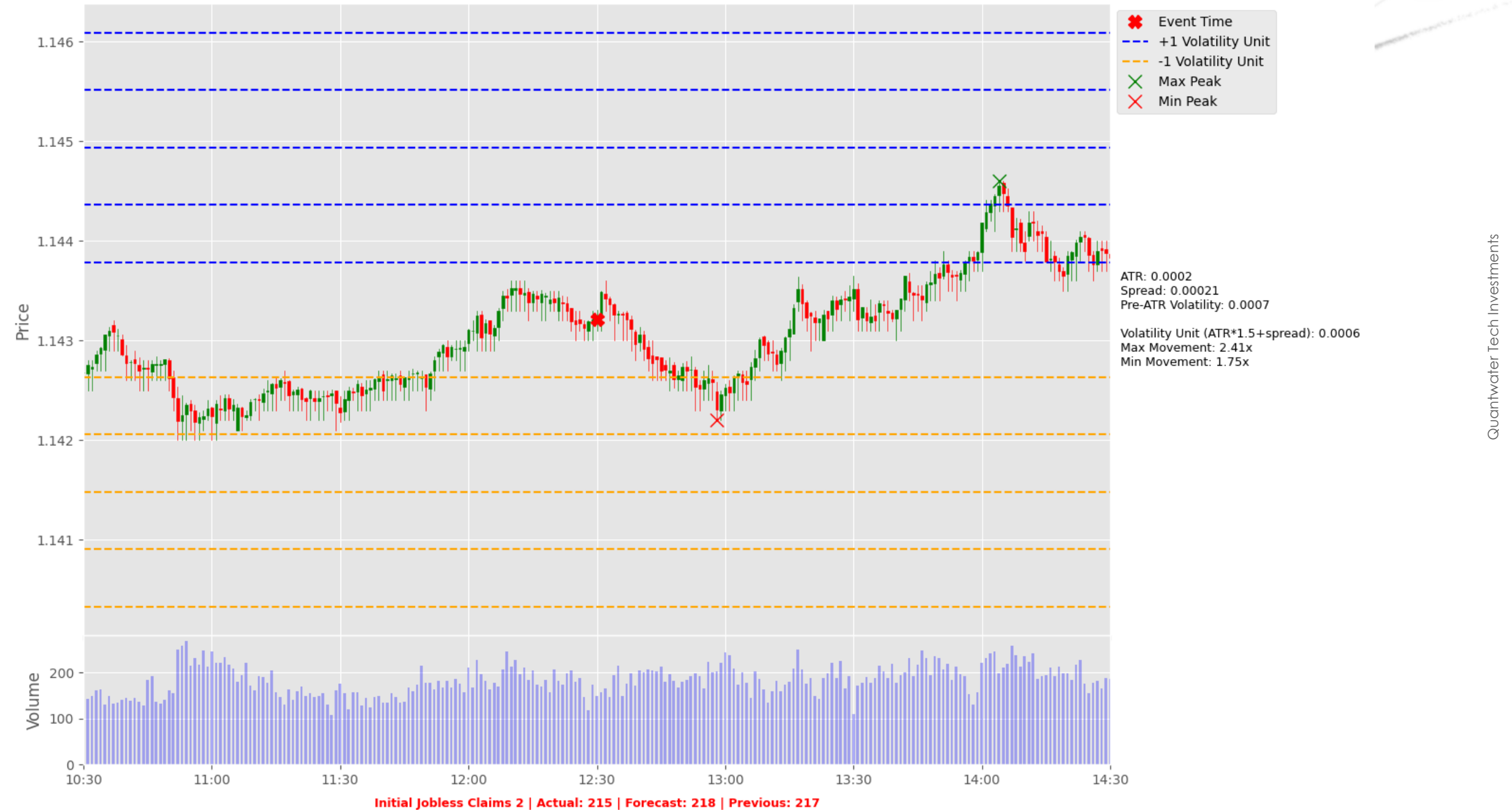
Event Summary:
Avg Volatility Unit: 0.0580
Avg Max Movement: 4.01x
Avg Min Movement: 14.73x
Avg Pre-ATR Volatility: 0.0678

Initial Jobless Claims | Actual: 209 | Forecast: 202 | Previous: 200

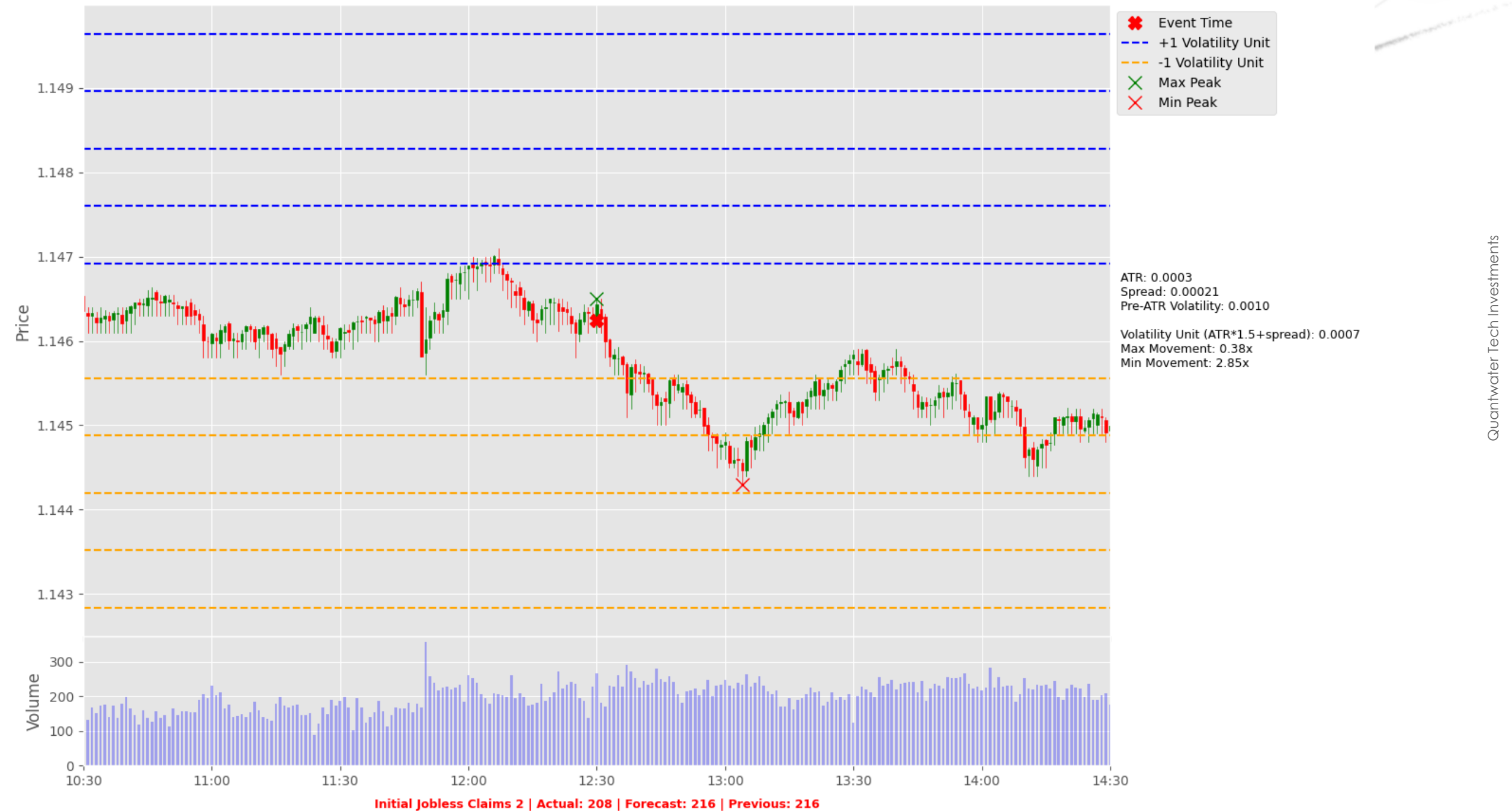
Initial Jobless Claims 2

C:EURUSD

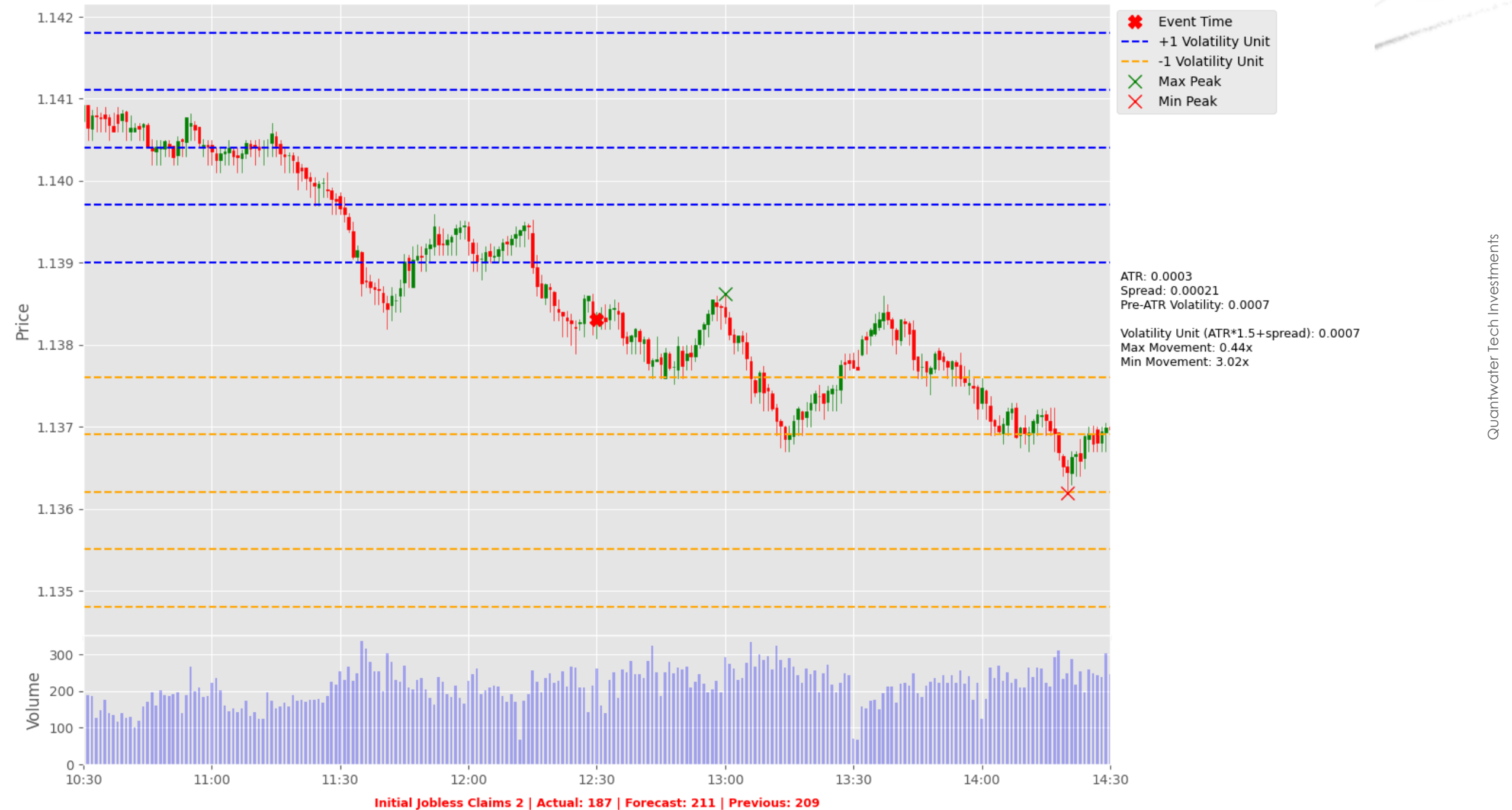
C:EURUSD Price Action - 2026-07-09 12:30 GMT



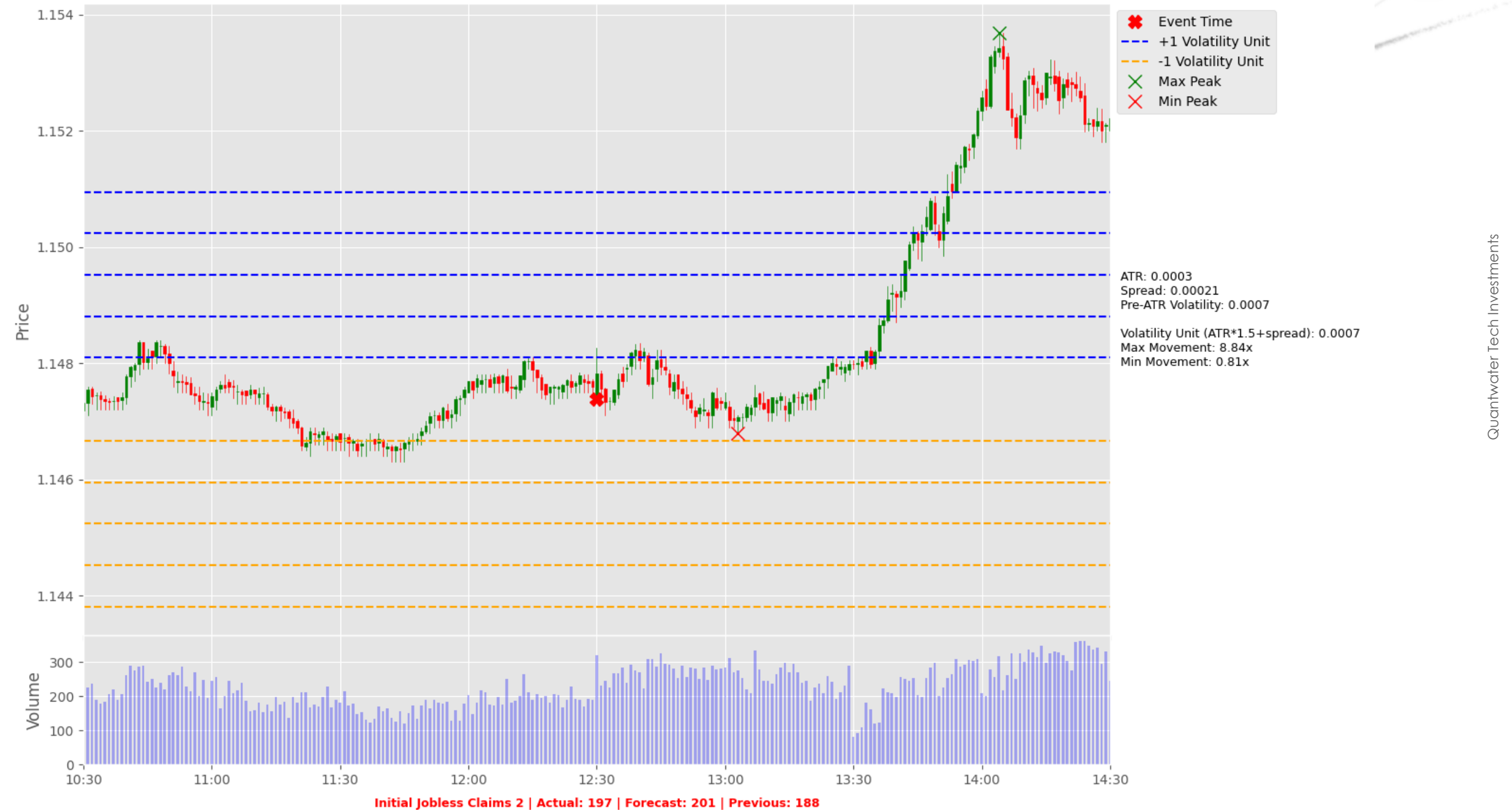
C:EURUSD Price Action - 2026-07-16 12:30 GMT



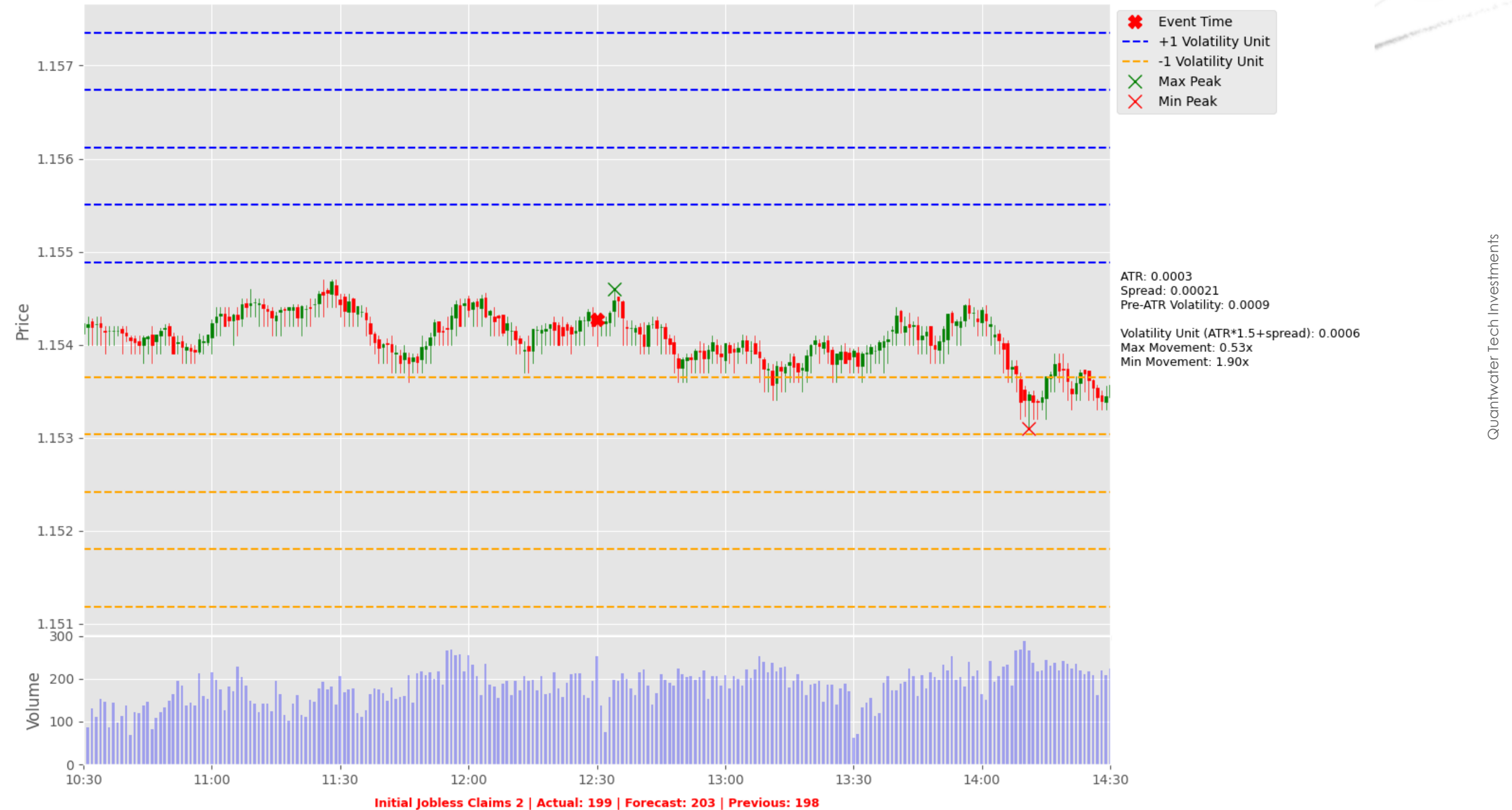
C:EURUSD Price Action - 2026-07-23 12:30 GMT



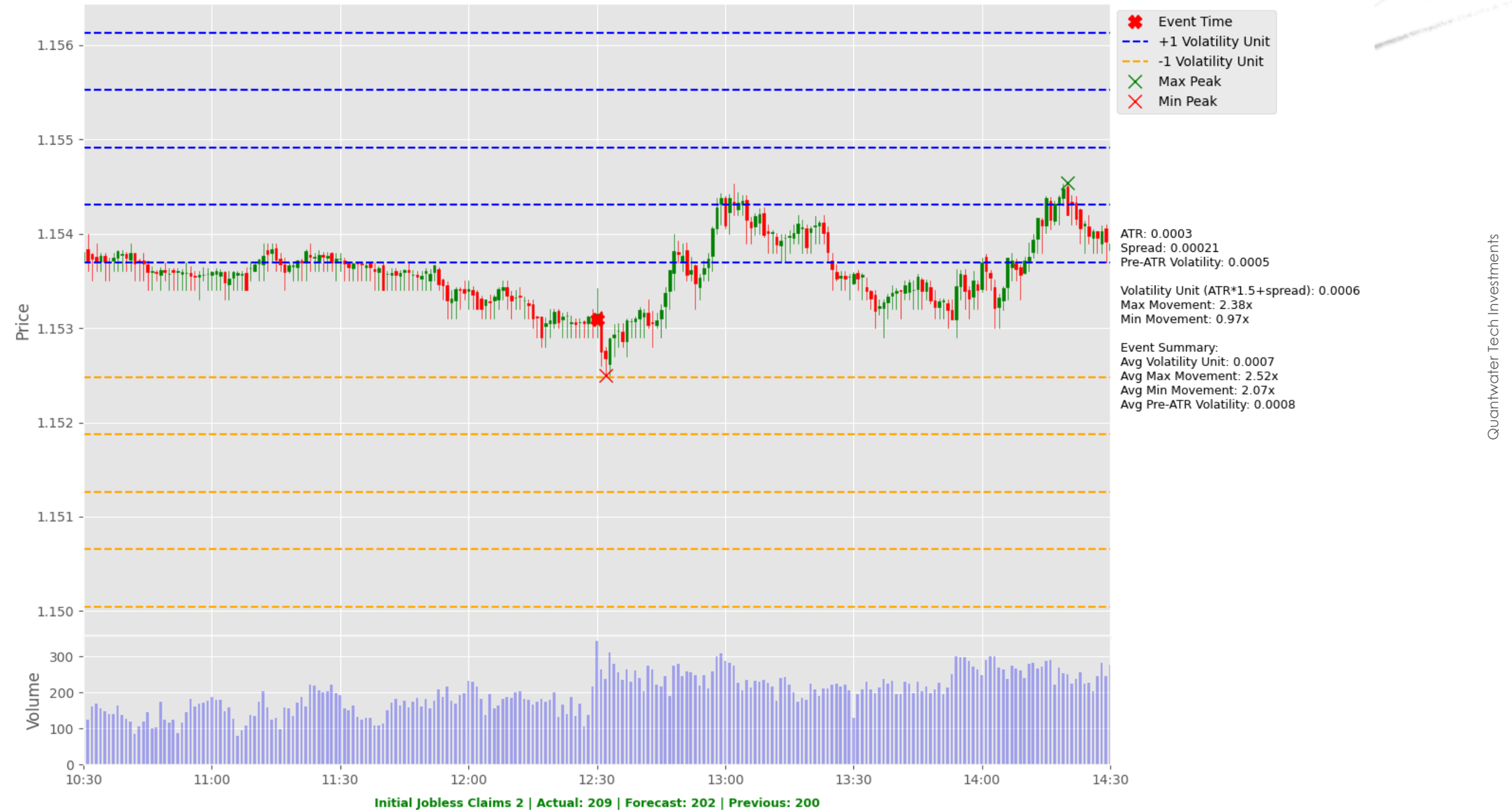
C:EURUSD Price Action - 2026-07-30 12:30 GMT



C:EURUSD Price Action - 2026-08-06 12:30 GMT



C:EURUSD Price Action - 2026-08-13 12:30 GMT



S&P Global Manufacturing PMI (Aug)

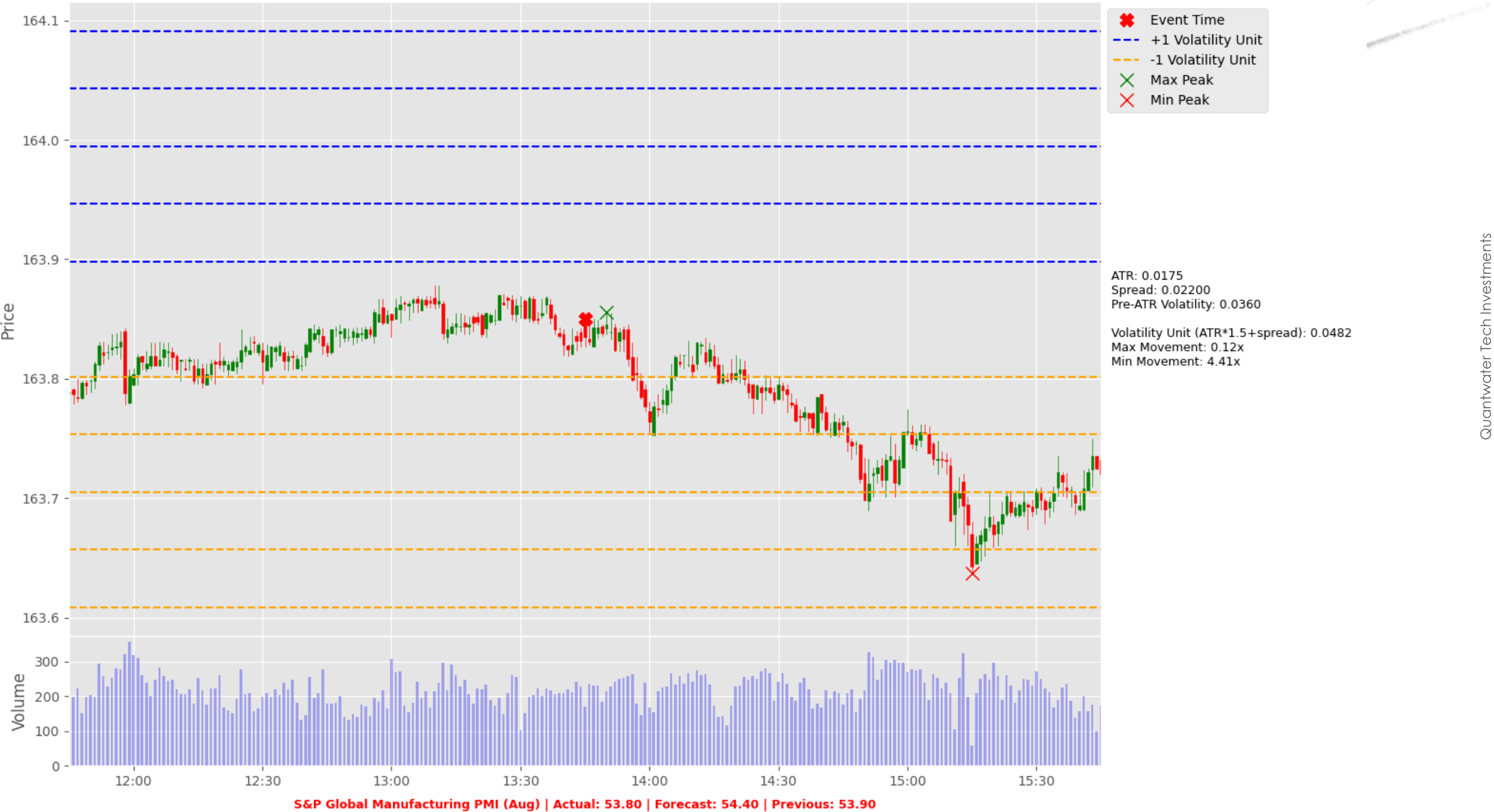
S&P Global Manufacturing PMI (Aug)

Release Date	Actual	Forecast	Previous
2026-07-24	53.80	54.40	53.90
2026-07-24	53.80	54.40	53.90
2026-07-24	53.80	54.40	53.90
2026-08-03	53.90	53.80	53.90
2026-08-03	53.90	53.80	53.90
2026-08-03	53.90	53.80	53.90

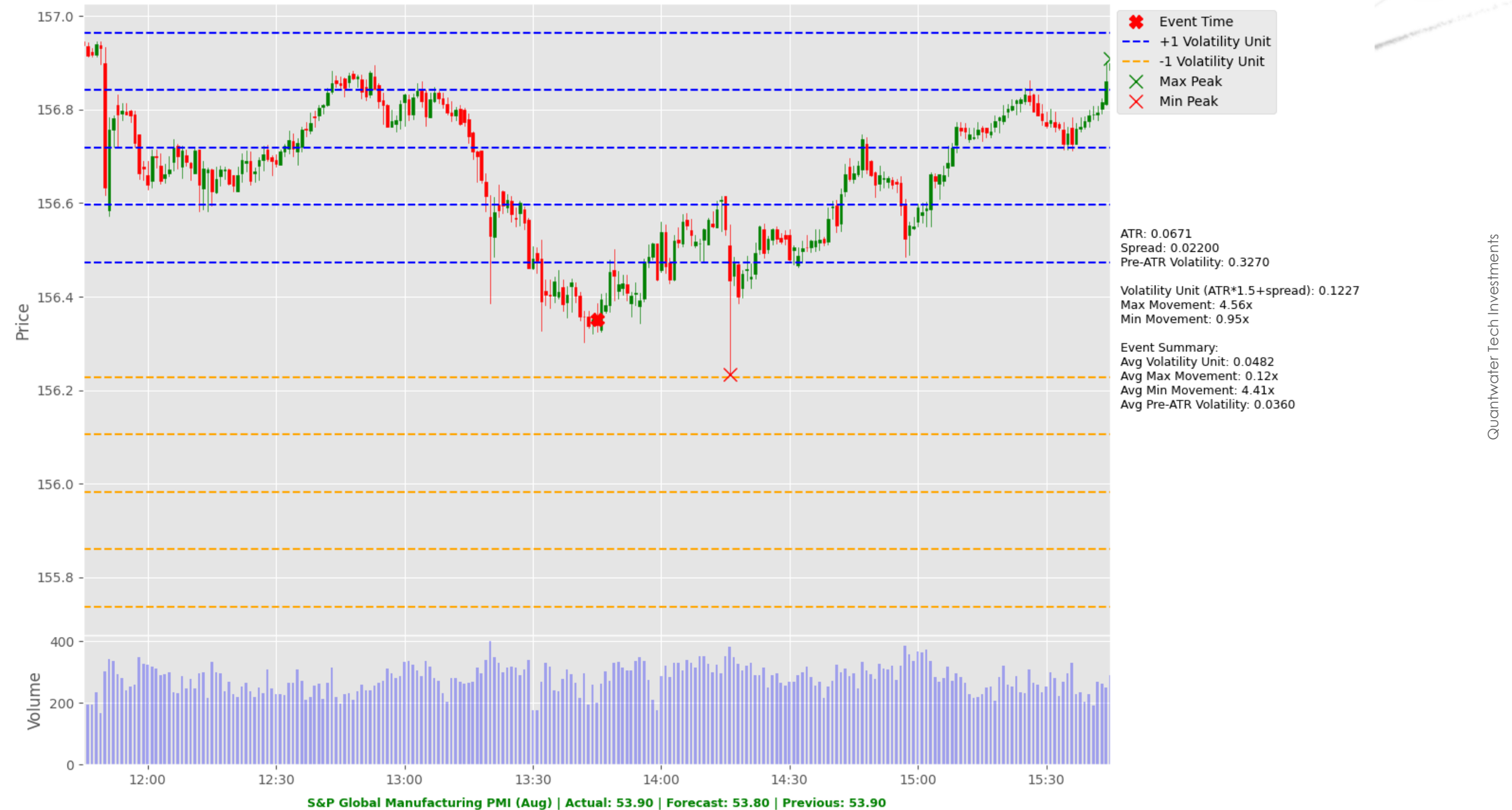
S&P Global Manufacturing PMI (Aug)

C:USDJPY

C:USDJPY Price Action - 2026-07-24 13:45 GMT



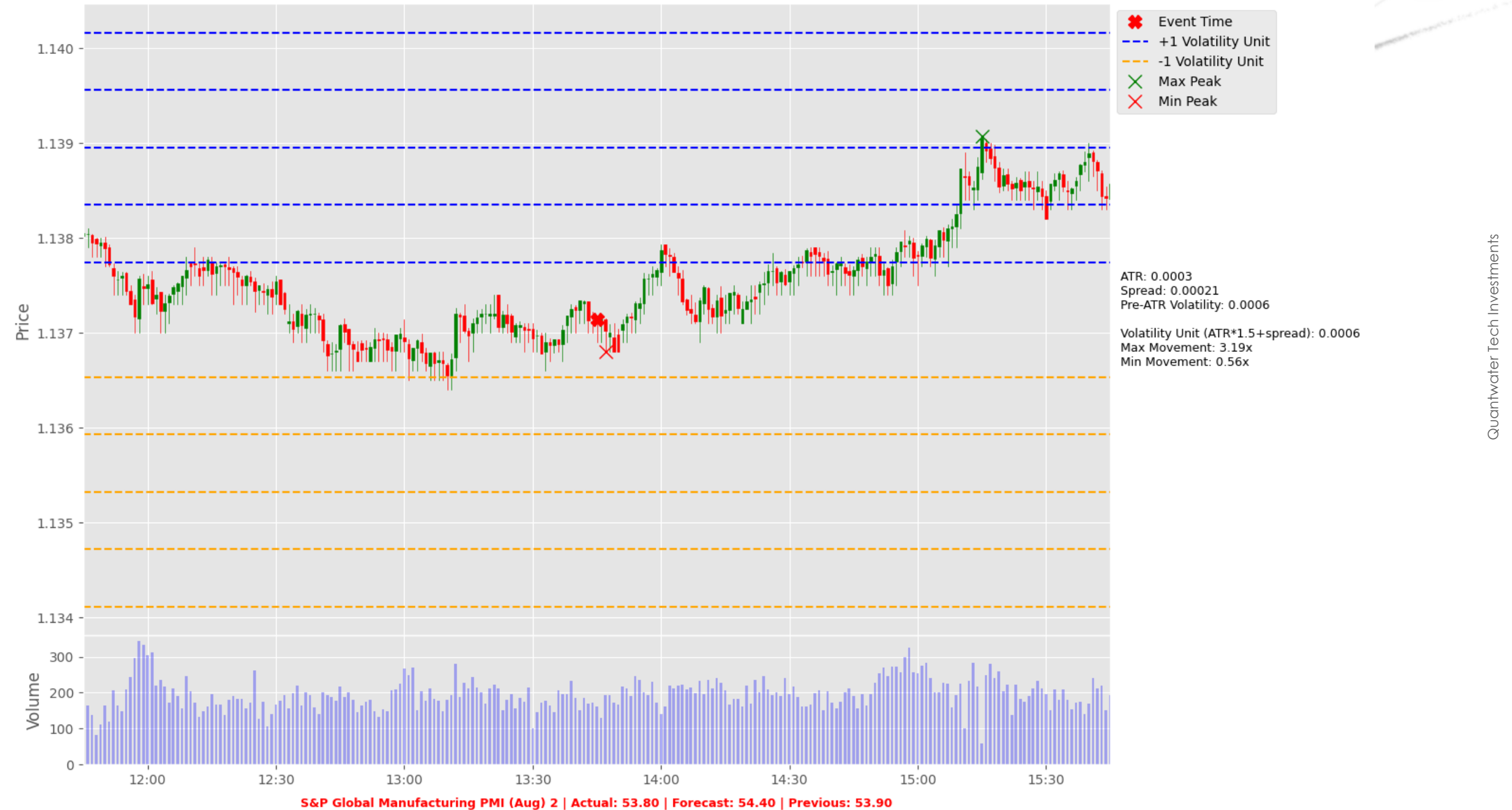
C:USDJPY Price Action - 2026-08-03 13:45 GMT



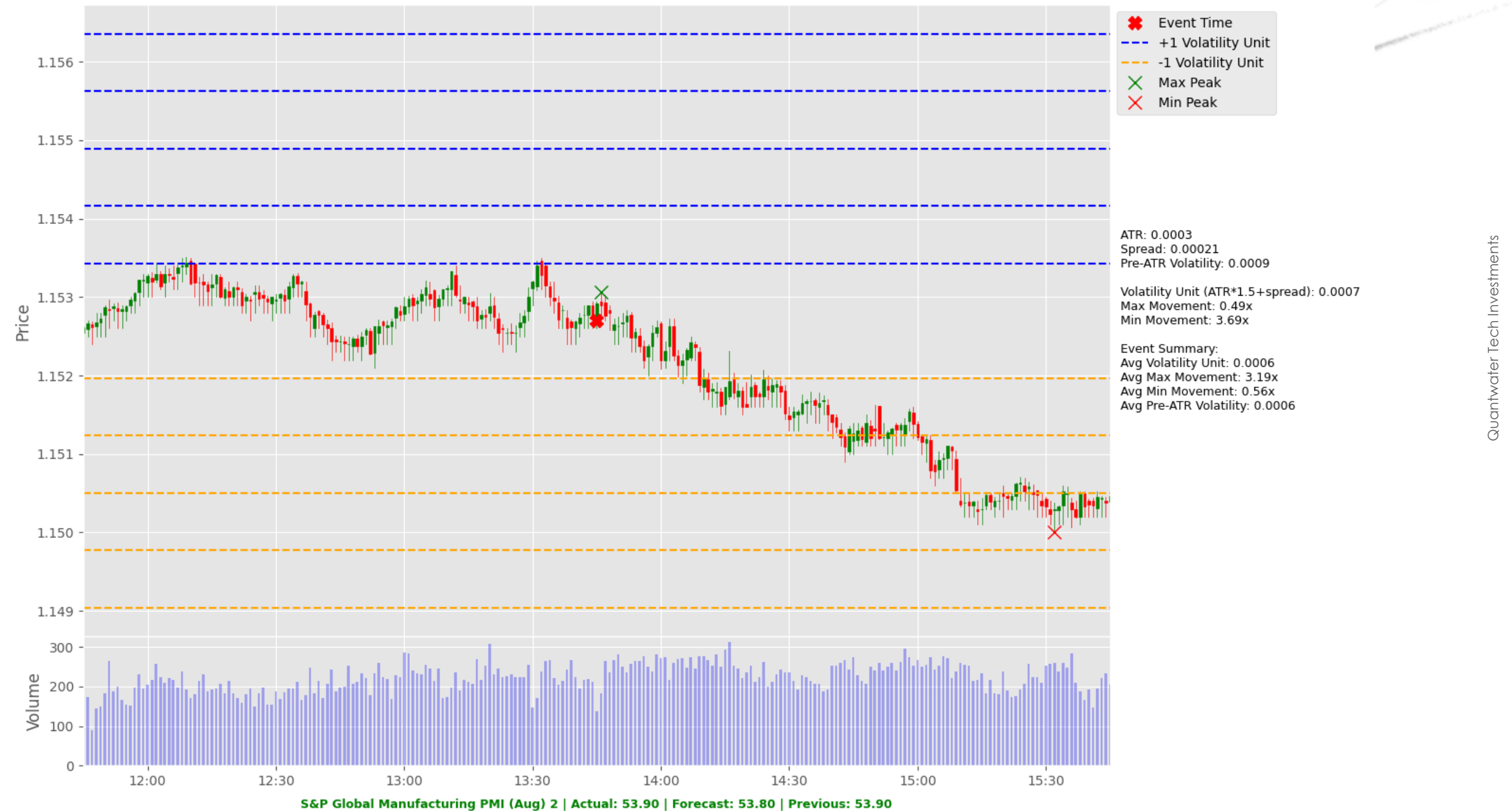
S&P Global Manufacturing PMI (Aug) 2

C:EURUSD

C:EURUSD Price Action - 2026-07-24 13:45 GMT



C:EURUSD Price Action - 2026-08-03 13:45 GMT



S&P Global Services PMI (Aug)

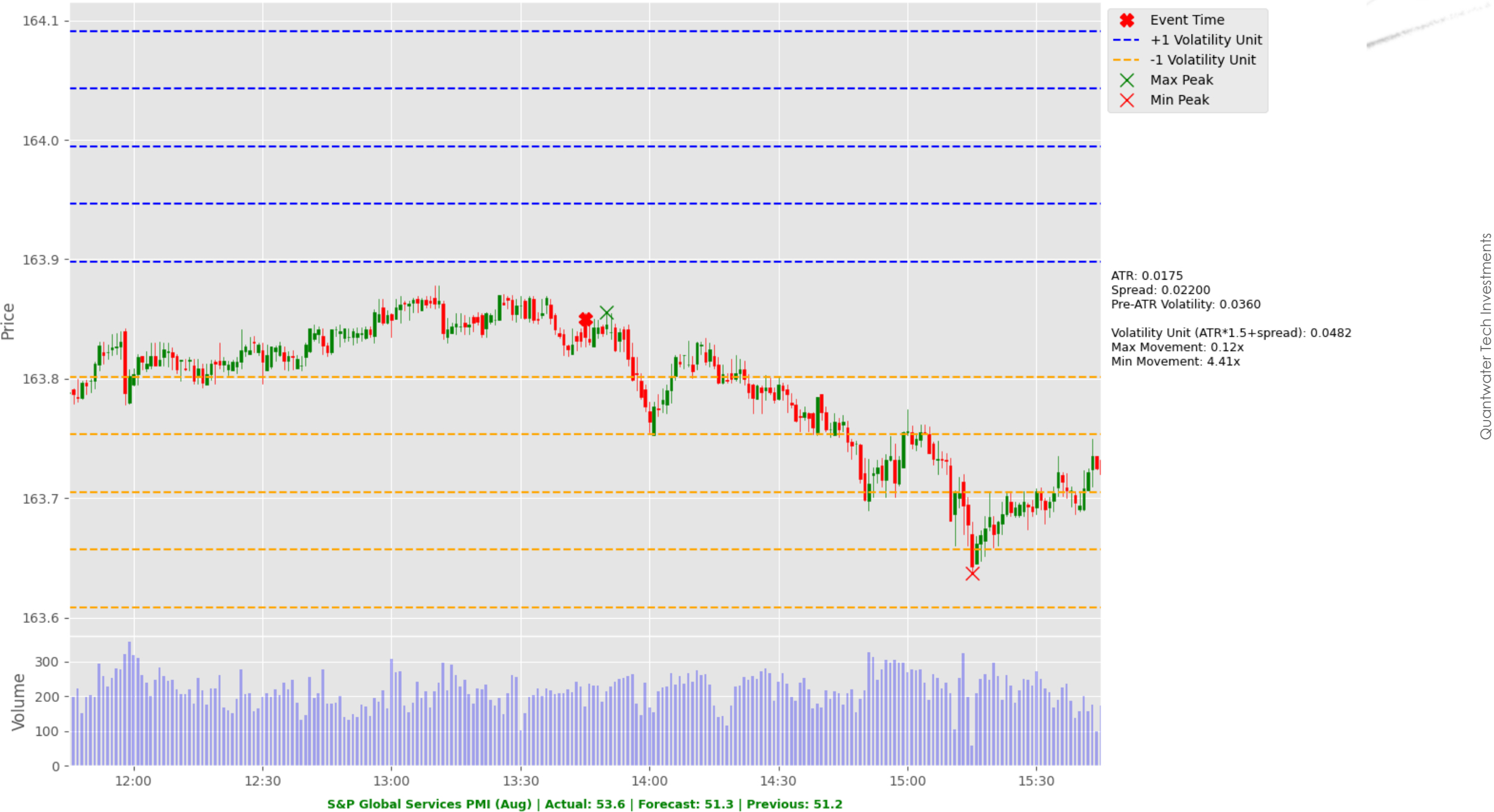
S&P Global Services PMI (Aug)

Release Date	Actual	Forecast	Previous
2026-07-24	53.6	51.3	51.2
2026-07-24	53.6	51.3	51.2
2026-07-24	53.6	51.3	51.2
2026-08-05	54.6	53.6	51.2
2026-08-05	54.6	53.6	51.2
2026-08-05	54.6	53.6	51.2

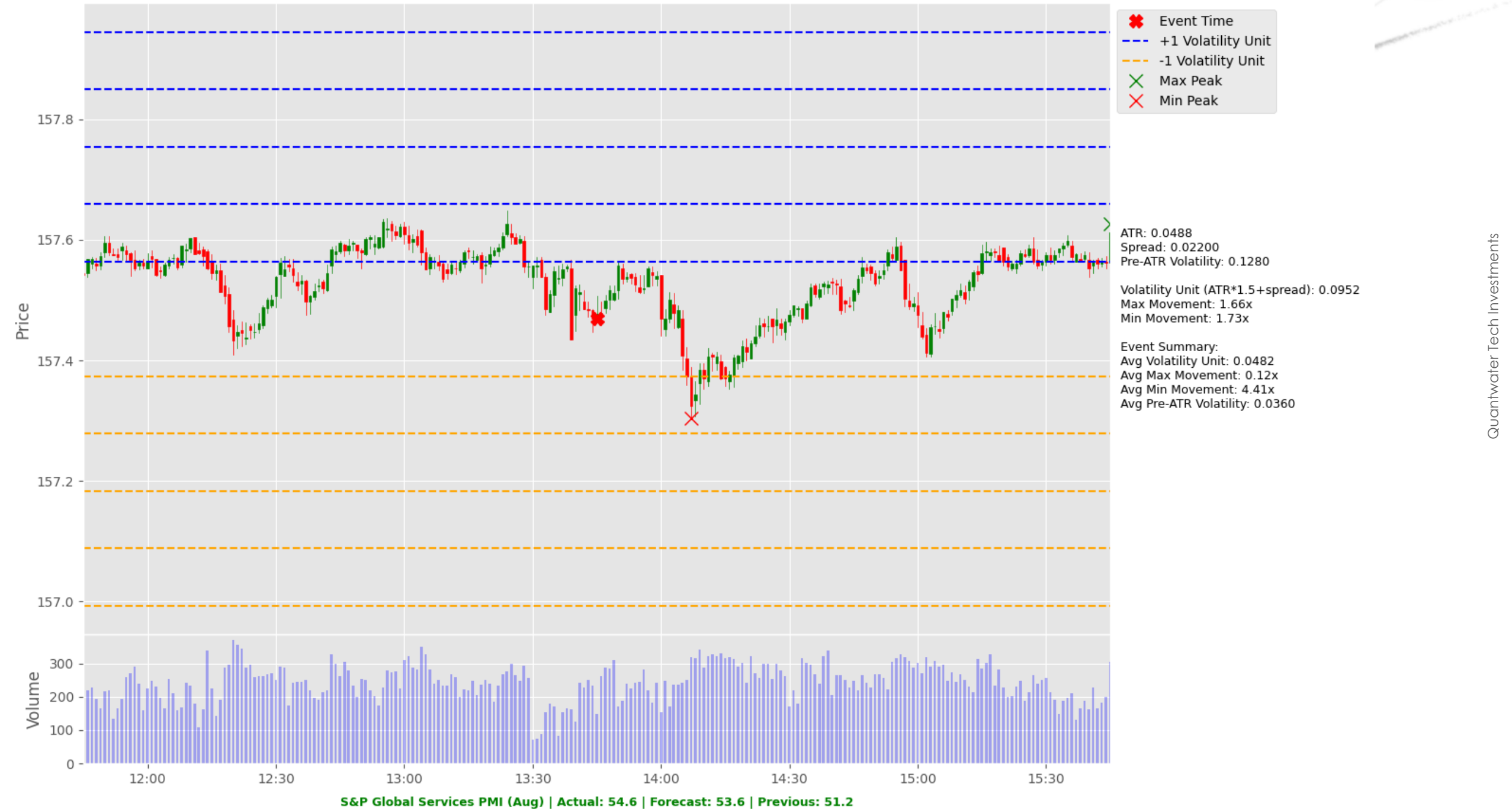
S&P Global Services PMI (Aug)

C:USDJPY

C:USDJPY Price Action - 2026-07-24 13:45 GMT



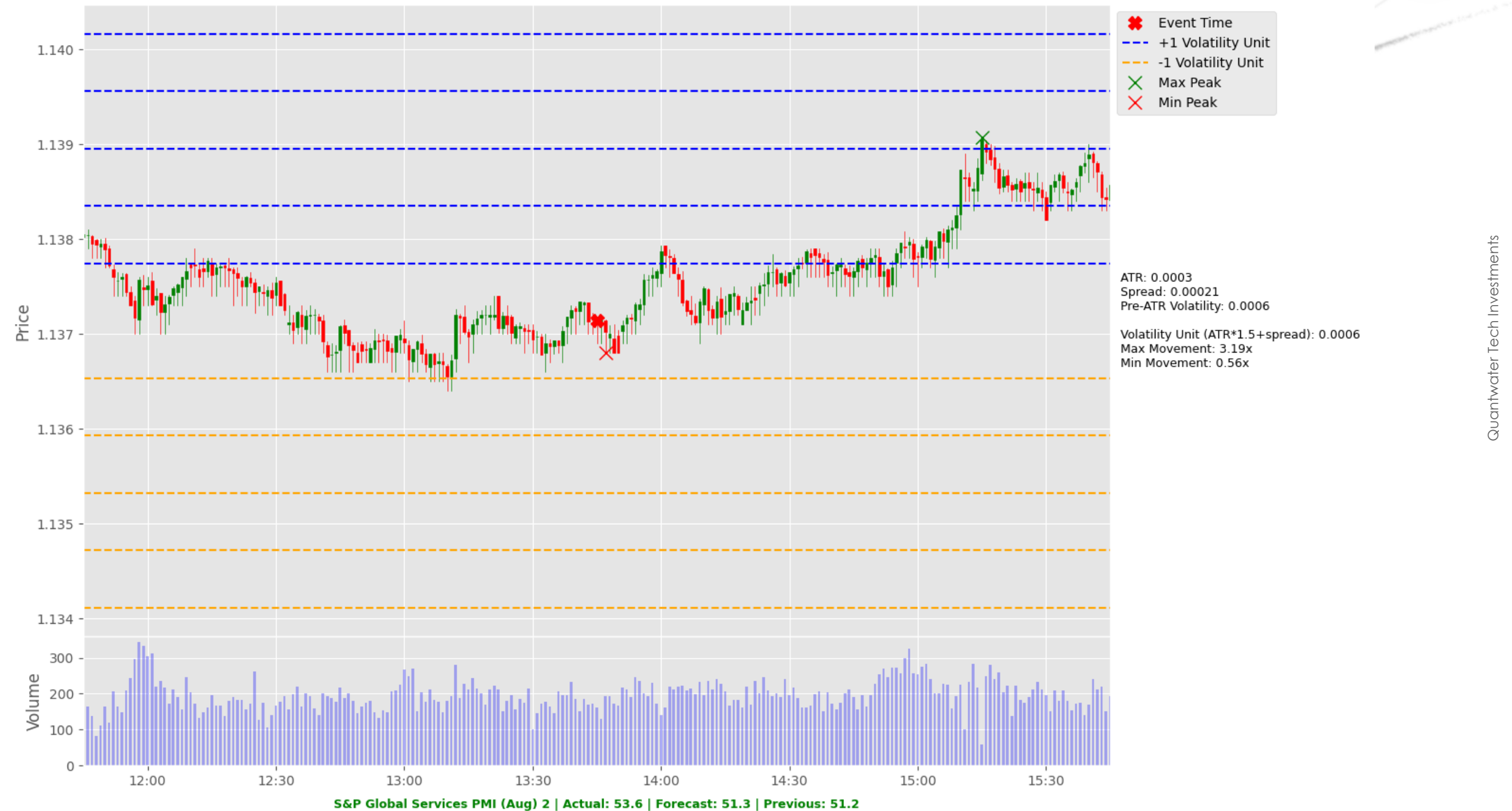
C:USDJPY Price Action - 2026-08-05 13:45 GMT



S&P Global Services PMI (Aug) 2

C:EURUSD

C:EURUSD Price Action - 2026-07-24 13:45 GMT



S&P Global Services PMI (Aug) 2 | Actual: 53.6 | Forecast: 51.3 | Previous: 51.2

C:EURUSD Price Action - 2026-08-05 13:45 GMT



Appendix



Important Information

Quantwater Tech Investments Data Release Deck – 16th August 2026

This document is for informational purposes only and does not constitute investment advice, an offer, or a solicitation to buy or sell any securities or financial instruments.

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Key Economic & Analytical Concepts

Economic Data Interpretation

- **Forecast Vs. Actual:** Comparing predicted values with released data
- **Previous Reading:** Last reported value
- **Market Impact:** How releases affect financial markets

Average True Range (ATR)

- **Definition:** A technical indicator that measures market volatility
- **Calculations:**
 - Calculate True Range (TR) for each period:
 - $TR = \max [(high - low), abs(high - previous\ close), abs(low - previous\ close)]$
 - $ATR = \text{Simple moving average of TR over N periods (typically 14)}$
- **Interpretation:**
 - Higher ATR = Higher Volatility
 - Lower ATR = Lower Volatility
- **Usage in Our Analysis:**
 - Helps standardize price movements across different market conditions
 - Forms the basis of our Volatility Unit Calculations

Volatility Unit

- **Formula:** $(ATR * multiple) + Spread$ (*multiple is typically 1.5*)
- **Purpose:** Standardizes price movements

Price Movements

- **Max Movement:** Largest upward price move after event
- **Min Movement:** Largest downward price move after event
- Both measured in Volatility Units

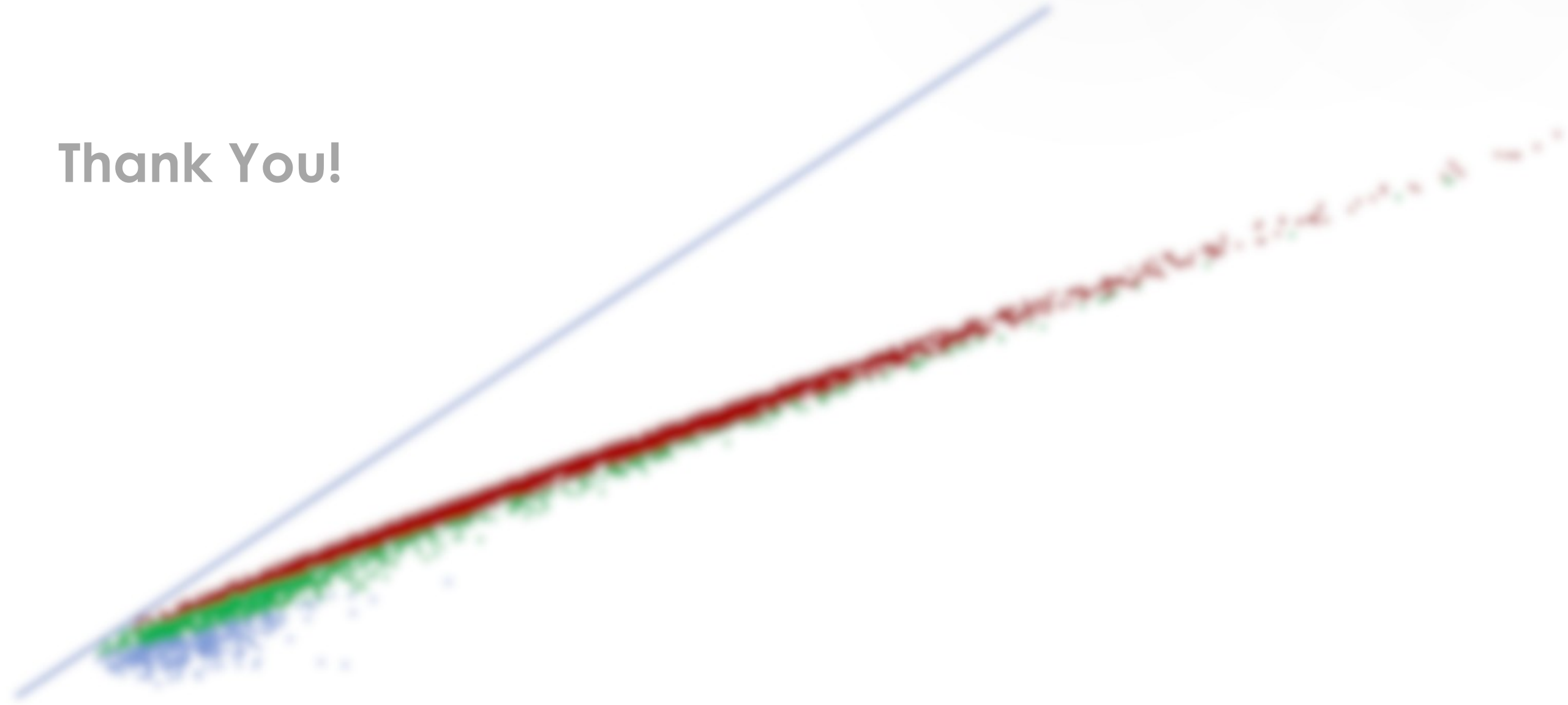
Using This Analysis

- Analyzing volatility across different economic releases helps identify patterns in market reactions.
- This approach allows for evaluating the significance of economic indicators based on their market impact.
- Adhering to standard trading guidelines, the risk amount should not exceed 5% of the trading balance, typically. A risk-reward ratio of 1:1.5x or greater, guided by the win ratio and historical data from this presentation or other estimates, can be used to determine the appropriate risk level, take-profit point, and position size.
- Trade automation on the MT5/MT4 platform can be implemented using the expert advisor linked below, which takes the specified parameters as input.
- An MT5/MT4 account can be accessed through a [brokerage/securities dealer firm](#) or by using a [proprietary \(prop\) trading account](#).*
- **Example:**
 - Volatility analysis of economic releases, such as the CPI event, helps identify patterns in market reactions. For instance, if the CPI event typically results in a minimum movement of 0.5x and a maximum movement of 3x, a stop-loss of 1x and a take-profit of 3x can be strategically applied.
 - Following prudent risk management, the risk per trade should not exceed 5% of the trading balance, typically. For a \$100,000 trading account (max loss amount post which trading is halted), this translates to a \$5,000 stop-loss and a \$15,000 take-profit.
 - The guiding principle is that a win ratio of at least 50% combined with a risk-reward ratio of over 1.5 ensures positive expected cash flow. By limiting risk to 5% of the account balance, potential drawdowns from consecutive losses are minimized, preserving capital and maintaining positive cash flow expectations.
- If you need further assistance, please don't hesitate to contact us.
- **Disclaimer: The links are provided for informational purposes only and connect to third-party websites. We are not affiliated with, nor do we endorse, any of these external sites. Trading carries a significant risk of financial loss. Your risk is your own responsibility, and you should carefully consider your investment objectives and risk tolerance before trading.*

Resources

- <https://github.com/pawan-pro/quantwater-tech-investments/blob/main/QuantPulse>
- <https://quantwatertech.netlify.app/research>
- <https://quantwater.tech/blog>

Thank You!



Pawan Jatale
pawan@quantwater.tech
Co-Founder

Quantwater Tech Investments