Guardian Strategy Validation Report*

Strategy Name: **Euro 4 v1.1**

Pro Generation Strategy Design

Currency Pair: EUR USD

Testing Period: 01-01-2022 to 09-05-2025

Overview

The EURO4 strategy for EURUSD on the M5/H1 timeframe has undergone extensive backtesting and analysis. Each strategy is subject to rigorous tests involving over 100 hours of computer-based evaluation to ensure its robustness and viability.

TOTAL PROFIT	# OF TRADES	SHARPE RATIO	PROFIT FACTOR	RETURN / DD RATIO	WINNING PERCENTAGE
$ 3096.24	820	2.45	1.58	8.33	80.37 %

	DRAWDOWN	% DRAWDOWN	DAILY AVG PROFIT	MONTHLY AVG PROFIT	AVERAGE TRADE
PROFIT IN PIPS 6235.2 TICKS	$ 371.75	3.59 %	$ 2.52	$ 77.4	$ 3.78

	ANNUAL % / MAX DD %	R EXPECTANCY	R EXPECTANCY SCORE	STR QUALITY NUMBER	SQN SCORE
YEARLY AVG PROFIT $ 1032	2.62	0.11	28.14	1.74	4

YEARLY AVG % RETURN 10.32 %
CAGR 9.41 %

STATS

Strategy

Wins / Losses Ratio	4.09	Payout Ratio (Avg Win/Loss)	0.39	Average # of Bars in Trade	176.98
AHPR	7.74	Z-Score	1.3	Z-Probability	9.68 %
Expectancy	3.78	Deviation	$ 21.77	Exposure	21.42 %
Stagnation in Days	111	Stagnation in %	9.05 %		

Trades

		# of Wins	659	# of Losses	161	# of Cancelled/Expired	0
Gross Profit	$ 8411.97	Gross Loss	$ 5315.73	Average Win	$ 12.76	Average Loss	$ 33.02
Largest Win	$ 68.58	Largest Loss	$ -57.42	Max Consec Wins	19	Max Consec Losses	4
Avg Consec Wins	4.85	Avg Consec Loss	1.19	Avg # of Bars in Wins	138.32	Avg # of Bars in Losses	335.21

Trading Analysis

Euro 4 v1.1 ProGen is a volatility breakout strategy developed for EUR/USD on the M5 and H1 charts, utilizing a mix of **Momentum**, **Bollinger Bands**, **Keltner Channels**, and **volume analysis**. It looks for price acceleration in conjunction with expanding volatility bands and rising volume, aiming to capture strong directional moves after consolidation. Entry conditions are based on a confluence of price positioning within volatility envelopes and momentum shifts. The exit mechanism includes a balanced profit target and stop loss, with a trailing stop that activates after a favorable move begins. This EA is best suited for capturing bursts in volatility vand riding short- to medium-term breakouts.

Equity Chart

The following chart demonstrates the equity growth over time, highlighting the strategy's performance during the backtesting period.
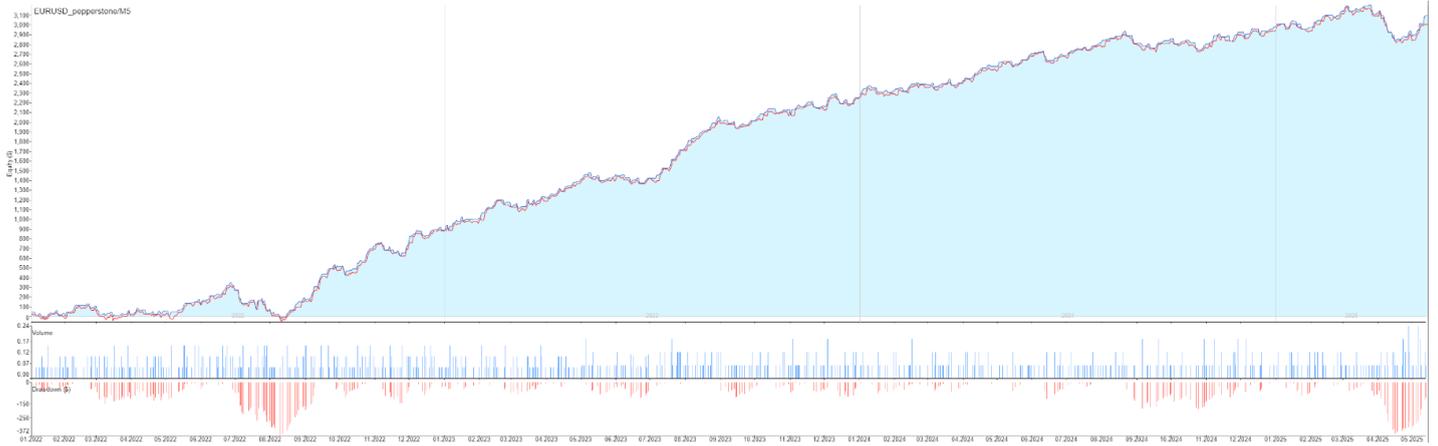

Comprehensive Trade Analysis

This section summarizes key performance metrics such as win rate, profit factor, and maximum drawdown, ensuring the strategy's effectiveness.

Period	Net Profit	Profit Factor	# of trades	% Wins
All	$3096.24	1.58	820	80.37 %
2025	$115.32	1.15	88	77.27 %
2024	$729.06	1.62	188	78.72 %
2023	$1370.36	2.08	244	84.43 %
2022	$881.50	1.42	300	79.00 %

Monte Carlo Simulation

To ensure the robustness and reliability of this trading strategy, a Monte Carlo simulation was conducted. This method involves running numerous randomized simulations to account for variability in market conditions, trade sequences, and potential slippage. The simulation confirms consistent profitability across randomized scenarios, reinforcing the strategy's resilience.
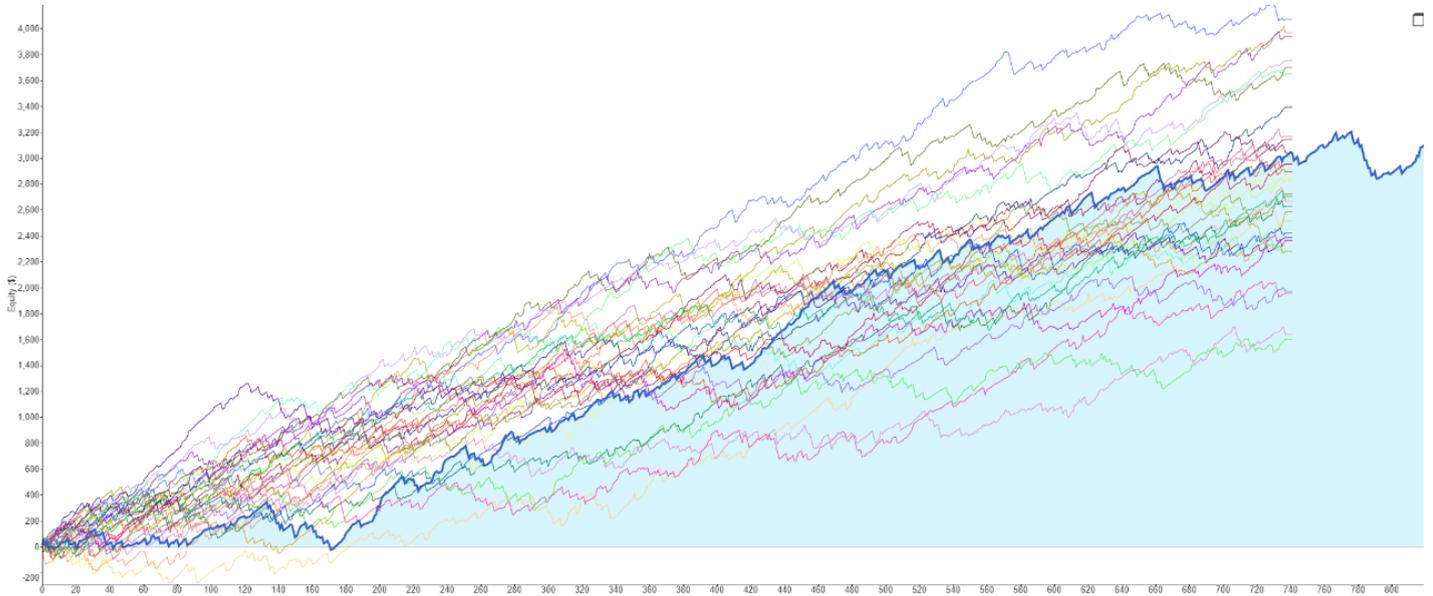
Metatrader 4 Backtest

To double check the authenticity of our original backtests, we also run it on a high quality tick data Metatrader 4 backtest to compare the results and confirm the strategy is viable. This is important as we are running the software on the Metatrader platforms in real life so we have to ensure it trades correctly on this platform. The results from both platforms have to be virtually identical for a strategy to pass.

Strategy Tester Report
Euro 4 v1.1 ProGen eurusd M5H1
Pepperstone-Demo01 (Build 1441)

Symbol	EURUSD.a (Euro vs US Dollar)				
Period	5 Minutes (M5) 2022.01.03 00:00 - 2025.05.12 23:55 (2022.01.01 - 2025.05.13)				
Model	Every tick (the most precise method based on all available least timeframes)				
Parameters	CustomComment="Euro_4_v1_1_ProGen_eurusd_M5H1"; MagicNumber=11111; MomChangesPeriod1=65; BBBarOpensPeriod1=44; KCBarOpenserPeriod1=20; BBerPeriod1=27; BBBarClosesPeriod1=109; MomPeriod1=20; BBBarOpensPeriod2=50; AvgVolumeRisingPrd1=185; ProfitTarget1=115; StopLoss1=95; TrailingStopCoef1=2.3; TrailingActivation1=20; smm="---------- Money Management - Risk Fixed % Of Balance ----------"; UseMoneyManagement=true; mmRiskPercent=0.5; mmDecimals=2; mmLotsIfNoMM=0.1; mmMaxLots=0.3; mmMultiplier=1; mmStep=0.01; InitialCapital=10000; sdtw="---------- Dont Trade On Weekends ----------"; DontTradeOnWeekends=false; FridayCloseTime="21:00"; SundayOpenTime="21:00"; seod="---------- Exit At End Of Day ----------"; ExitAtEndOfDay=false; EODExitTime="00:39"; seof="---------- Exit On Friday ----------"; ExitOnFriday=true; FridayExitTime="21:00"; sltr="---------- Limit Time Range ----------"; LimitTimeRange=true; SignalTimeRangeFrom="02:00"; SignalTimeRangeTo="20:00"; ExitAtEndOfRange=false; OrderTypeToExit=0; smmmdfmp="---------- Max distance from market price ----------"; LimitMaxDistanceFromMarketPrice=false; MaxDistanceFromMarketPct=6; smtpd="---------- Max Trades Per Day ----------"; MaxTradesPerDay=0; smmslpt="---------- Min/Max SL/PT ----------"; MinimumSL=0; MinimumPT=0; MaximumSL=0; MaximumPT=0; slts="---------- Use Tick size from SQ (for CFDs) ----------"; UseSQTickSize=false; MainChartTickSizeSQ=0.0001; Subchart1Symbol="Same as main chart"; Subchart1Timeframe=60; Subchart1TickSizeSQ=0.0001; sqDisplayInfoPanel=true; ModifyInsteadOfReplacing=true; OpenBarDelay=0;				

Bars in test	251386	Ticks modelled	96053341	Modelling quality	99.90%
Mismatched charts errors	0				
Initial deposit	10000.00			Spread	Current (0)
Total net profit	2382.43	Gross profit	8292.93	Gross loss	-5910.50
Profit factor	1.40	Expected payoff	2.78		
Absolute drawdown	91.55	Maximal drawdown	304.48 (2.73%)	Relative drawdown	2.73% (304.48)
Total trades	856	Short positions (won %)	438 (80.37%)	Long positions (won %)	418 (78.23%)
		Profit trades (% of total)	679 (79.32%)	Loss trades (% of total)	177 (20.68%)
	Largest	profit trade	68.58	loss trade	-60.34
	Average	profit trade	12.21	loss trade	-33.39
	Maximum	consecutive wins (profit in money)	29 (424.06)	consecutive losses (loss in money)	4 (-166.90)
	Maximal	consecutive profit (count of wins)	424.06 (29)	consecutive loss (count of losses)	-166.90 (4)
	Average	consecutive wins	5	consecutive losses	1

DISCLAIMER

* Past results or testing are no guarantee of future performance.

RISK DISCLOSURE

Trading in financial markets involves risks, including the possible loss of principal. It is essential to understand the risks associated with

trading before engaging in any transactions. Clients should carefully consider their risk tolerance and investment objectives before trading.

NOT INVESTMENT ADVICE

This product is software only and does not constitute financial advice, investment advice, or a recommendation to trade. Use of the software

is entirely at your own risk. You remain solely responsible for all trading decisions and outcomes