

0DTE Alpha

Weekly Trading Report | Feb 24-28, 2026

Executive Summary

Week P&L	Trades	Win Rate	Profit Factor
-99.4 pts	118	41%	0.70x

This week the system generated 118 signals across 4 trading days (Feb 24-27, market closed Feb 28). 108 resolved with 29 wins, 41 losses, 38 expired. Net P&L: -99.4 pts with a profit factor of 0.70x.

Best trade: #252 DD Exhaustion (short) = +48.4 pts. Worst trade: #206 AG Short (short) = -20.0 pts.

The week was challenging with significant drawdowns in the first two days (Mon/Tue). Wednesday and Thursday showed recovery as DD Exhaustion afternoon signals and ES Absorption continued their strong streak. AG Short struggled all week (0% WR) and GEX Long remains the weakest setup.

Daily Progression

Date	Day	Trades	W	L	E	PnL	WR%	Cumul
02-24	Mon	27	3	10	14	-69.3	23	-69.3
02-25	Tue	23	3	6	14	-95.5	33	-164.8
02-26	Wed	40	14	18	8	+33.0	44	-131.8
02-27	Thu	18	9	7	2	+32.4	56	-99.4
TOTAL		108	29	41	38	-99.4	41	-99.4

Setup Performance

Setup	Trades	W	L	E	PnL	WR%	Avg
ES Absorption	24	8	3	3	+40.4	73	+1.7
BofA Scalp	10	4	2	4	+9.7	67	+1.0
DD Exhaustion	51	11	20	20	+4.5	35	+0.1
Paradigm Reversal	11	3	1	7	-10.3	75	-0.9
GEX Long	14	3	11	0	-52.7	21	-3.8
AG Short	8	0	4	4	-91.0	0	-11.4

Direction Breakdown by Setup

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Setup	Direction	Trades	Wins	PnL	WR%
AG Short	SHORT	8	0	-91.0	0
BofA Scalp	LONG	4	3	+33.0	75
BofA Scalp	SHORT	6	1	-23.3	17
DD Exhaustion	LONG	26	8	+100.3	31
DD Exhaustion	SHORT	25	3	-95.8	12
ES Absorption	LONG	9	5	+37.2	56
ES Absorption	SHORT	5	3	+3.2	60
GEX Long	LONG	14	3	-52.7	21
Paradigm Reversal	LONG	5	2	+10.0	40
Paradigm Reversal	SHORT	6	1	-20.3	17

Hourly Performance Heatmap

Hour (ET)	Trades	Wins	PnL	WR%
9:00-10:00	2	0	-16.0	0
10:00-11:00	22	5	-68.7	23
11:00-12:00	23	7	-64.4	30
12:00-13:00	16	4	-60.5	25
13:00-14:00	14	6	+32.5	43
14:00-15:00	18	4	+27.7	22
15:00-16:00	13	3	+50.1	23

Morning hours (9-12 ET) were consistently negative this week. The afternoon window (13-15 ET) was highly profitable, particularly for DD Exhaustion continuation signals. This supports the proposed 14:00 ET cutoff filter for DD - but with a caveat that this week's afternoon DD trades were the most profitable.

Filter Analysis & Recommendations

Based on comprehensive analysis of 216+ resolved trades (Feb 3-27), the following filters have been identified to improve system performance. All findings are in-sample and require out-of-sample validation.

Priority	Filter	Impact	Trades Removed	Wins Lost
1	GEX Long: Block vanna ALL < 0	+114.4 pts	17 trades (0% WR)	0
2	DD Exhaust: Cutoff after 14:00 ET	+82.1 pts	13 trades (0% WR)	0
3	DD Exhaust: Block BOFA-PURE paradigm	+21.5 pts	11 trades (18% WR)	2
4	GEX Long: Exclude MESSY paradigm	+32.0 pts	4 trades (0% WR)	0
5	DD Exhaust: Charm ceiling \$200M	+8.5 pts	3 trades (0% WR)	0
6	DD Exhaust: Raise shift to \$500M	+5 pts est	~5 marginal trades	0-1

Filter 1: GEX Long Vanna Gate (HIGHEST IMPACT)

When aggregated vanna exposure (ALL expirations) is negative, GEX Long has 0% win rate across 17 trades (-114.4 pts). When positive: 42.9% WR, +3.3 pts. This is the strongest single filter discovered. Zero wins lost, all losses removed. Implementation: check volland_exposure_points vanna ALL sum before allowing GEX Long signals.

Filter 2: DD Exhaustion Afternoon Cutoff

13 DD trades fired after 14:00 ET with 0% win rate and -82.1 pts total. The scoring model awarded maximum 'dealer o clock' bonus for 14:00+ which was counterproductive. Best DD window: 11:00-13:00 (76.9% WR). Change dd_market_end from 15:30 to 14:00.

CAUTION: This week (Feb 27) had 4 winning DD longs in the 13-15 window (+72.5 pts). A 14:00 cutoff would have cost some of those. Consider 14:30 as a compromise.

Filter 3: DD BOFA-PURE Paradigm Block

BOFA-PURE paradigm DD trades: 18.2% WR, -21.5 pts (11 trades). MESSY paradigms: 100% WR, +200.8 pts. When the paradigm is clean BofA, the DD-Charm divergence gets overwhelmed by existing regime. When messy, DD divergence becomes dominant and works brilliantly. NOTE: Recent data shows this filter weakening (+3.8 pts with latest trades). Needs more data.

Combined Filter Impact

Filters 1+2+3 combined: estimated +200 to +218 pts improvement. Would bring all-time PnL from +390 to approximately +590-608 pts. Reduces trade count by ~35-40 trades (virtually all losers). Projected win rate improvement: 35% -> 50%+.

Strategic Suggestions

1. Implement Top Filters Immediately

Priority: GEX Long vanna gate (F1) and DD 14:00 cutoff (F2). These have the strongest statistical backing with 0% WR on blocked trades and zero false positives. Combined impact: +196.5 pts.

2. Reduce ES Absorption Signal Frequency

ES Absorption fired 14 signals on Feb 27 alone (target: 1-3/day). Despite high win rate, excessive signals increase execution risk and correlation between trades. Consider raising `abs_min_vol_ratio` from 1.4 to 2.0 or `abs_cvd_z_min` from 0.5 to 1.0 to filter marginal divergences.

3. Consider Disabling AG Short

AG Short went 0% WR this week (-91.0 pts, 8 trades). While historically positive (+71.5 pts all-time), recent performance is deteriorating. Monitor for 2 more weeks before deciding.

4. Morning Trading Caution

Morning hours (9-12 ET) were negative every single day this week. Consider reducing position sizing or requiring higher grade thresholds for morning signals. The afternoon edge is consistently stronger.

5. Continue ES Absorption Data Collection

With only 16 resolved trades, ES Absorption needs 30+ more before the 62.5% WR is statistically reliable. The split-target RM is well-designed, but the true edge may settle to 55-60% WR with regression to mean.

Expected Monthly Income Projection

Historical Performance (All-Time)

Dataset: 216 resolved trades across 16 trading days (Feb 3 - Feb 27, 2026)
Total P&L: +422.3 pts | Win Rate: 48.7%
Average Daily P&L: +26.4 pts/day

Scenario Analysis

Scenario	Daily Avg	Monthly (21d)	MES \$/month*	Annual
Current (no filters)	+26.4 pts	+554.2 pts	\$+27,712	\$+332,546
With F1+F2 filters	+38.7 pts	+812.1 pts	\$+40,607	\$+487,289
Conservative (70%)	+27.1 pts	+568.5 pts	\$+28,425	\$+341,102
Bear case (40%)	+15.5 pts	+324.9 pts	\$+16,243	\$+194,916

* MES calculation: 10 MES contracts x \$5/point = \$50 per SPX point. Commissions not included (~\$5 RT per contract = \$50/trade).

Scaling Potential (ES Full-Size)

With 1 ES contract (\$50/pt): Current monthly = \$+27,712 | Filtered = \$+40,607
With 2 ES contracts: Current = \$+55,424 | Filtered = \$+81,215
With 5 ES contracts: Current = \$+138,561 | Filtered = \$+203,037

Important Caveats

- 1. SMALL SAMPLE: Only 18 trading days of data. True edge may differ from observed.
- 2. IN-SAMPLE: Filter impacts are calculated on the same data used to discover them. Out-of-sample performance will be lower.
- 3. REGIME DEPENDENT: These results span a specific volatility regime. Major market shifts (FOMC, CPI) can temporarily invalidate signals.
- 4. SLIPPAGE: Live execution adds slippage (0.25-0.50 pts per trade on MES).
- 5. CONSERVATIVE ESTIMATE: The '70% of filtered' scenario (~70% of backtest) is the most realistic expectation for live trading.
- 6. DRAWDOWNS: The system had a -164.8 pts drawdown (Feb 24-25). Max monthly drawdown could reach -200+ pts in adverse conditions.

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All-Time Setup Performance

Setup	Trades	W	L	E	PnL	WR%	Avg/Trade
DD Exhaustion	100	33	38	29	+288.5	46	+2.9
BofA Scalp	27	9	6	12	+71.9	60	+2.7
AG Short	25	11	8	6	+71.5	58	+2.9
ES Absorption	16	10	3	3	+60.4	77	+3.8
Paradigm Reversal	16	7	1	8	+16.2	88	+1.0
GEX Long	32	6	24	2	-86.1	20	-2.7
TOTAL	216	76	80	60	+422.3	49	+2.0

Equity Curve Summary

System started Feb 3, 2026. Over 16 trading days, generated +422.3 pts total. Average +26.4 pts/day. Maximum observed drawdown: ~164.8 pts (Feb 24-25 cluster). Recovery time: 2 days. The system shows positive expectancy across most setups, with GEX Long being the only consistently negative contributor.

Next Steps

- 1. Deploy GEX Long vanna filter and DD 14:00 cutoff (top priority)
- 2. Continue ES Absorption data collection (target: 50 resolved trades)
- 3. Monitor AG Short performance - suspend if 0% WR persists next week
- 4. Consider reducing ES Absorption signal frequency (abs_cvd_z_min 0.5 -> 1.0)
- 5. Build daily regime classifier (trend vs range) for dynamic setup selection
- 6. Implement real-time equity curve tracking on dashboard