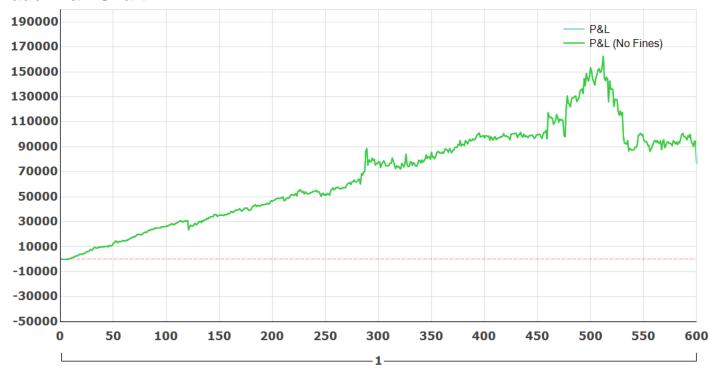
Trader: Turmoil

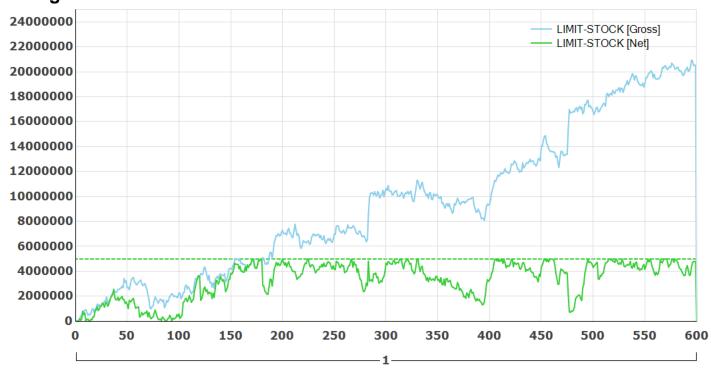
Simulation: Citadel Algo Case



Trader P&L Chart



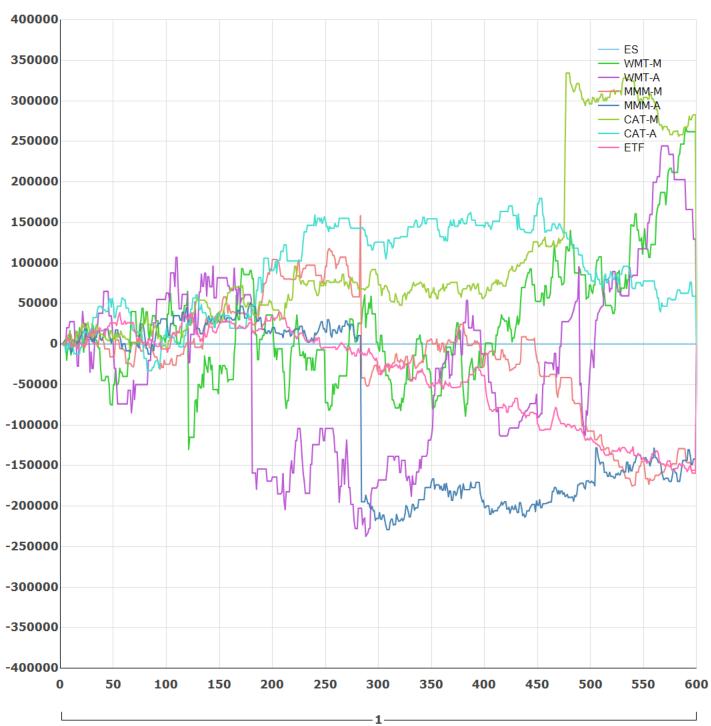
Trading Limit Chart



Simulation: Citadel Algo Case



Position Chart



Simulation: Citadel Algo Case



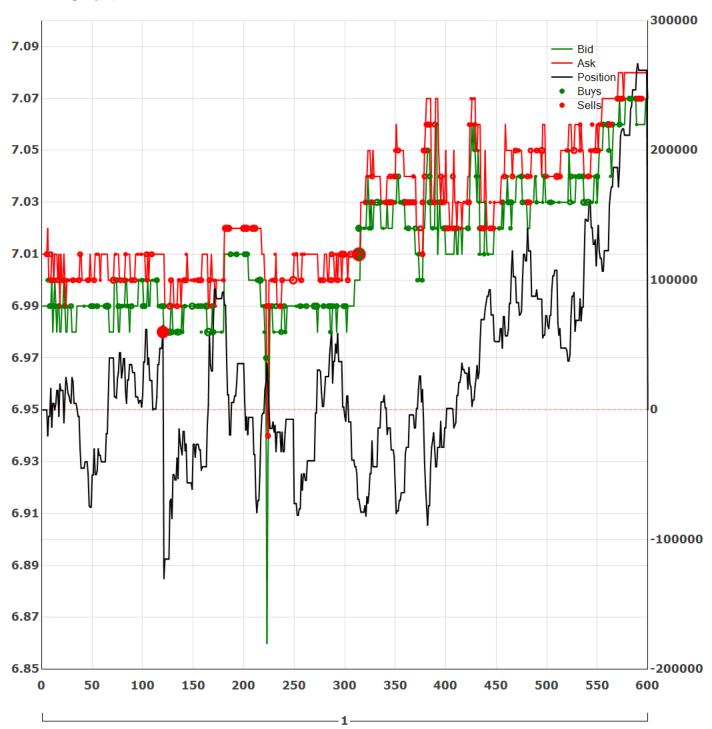
ES Chart



Simulation: Citadel Algo Case



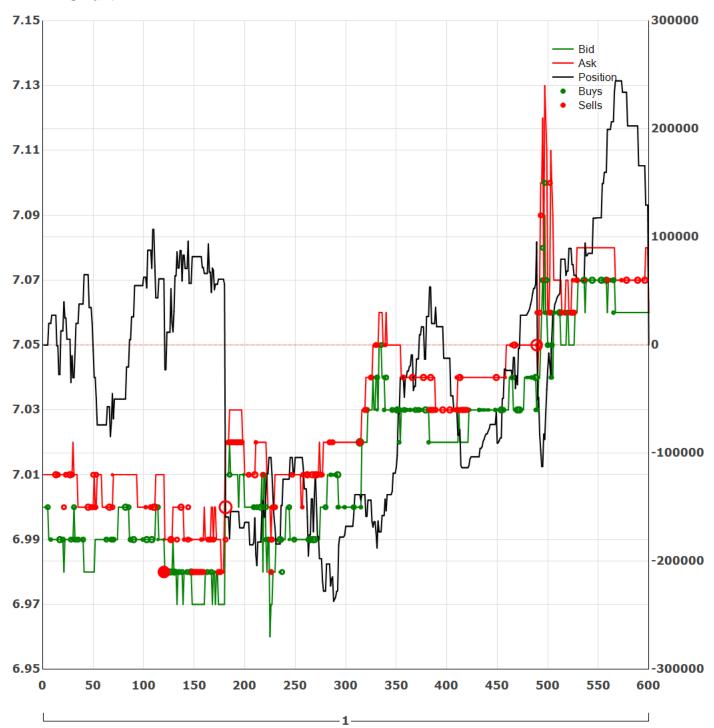
WMT-M Chart



Simulation: Citadel Algo Case



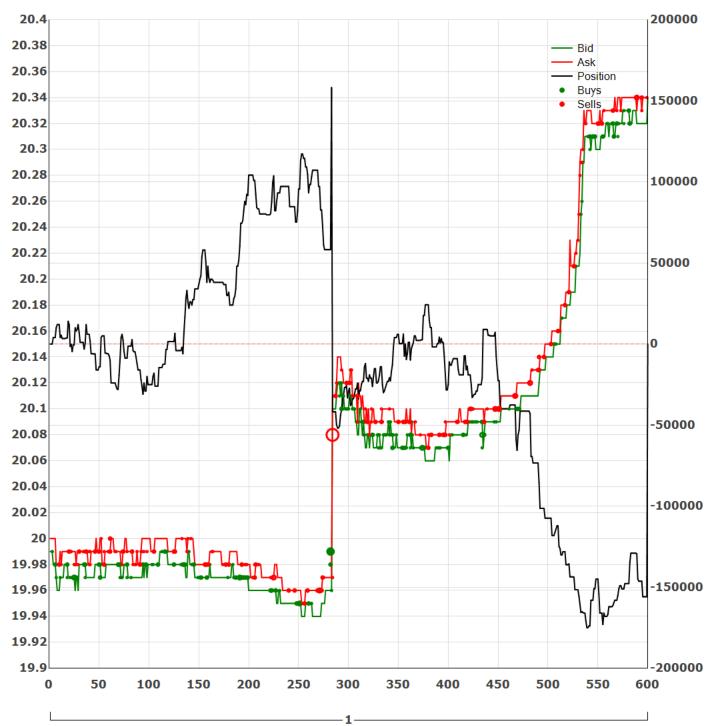
WMT-A Chart



Simulation: Citadel Algo Case



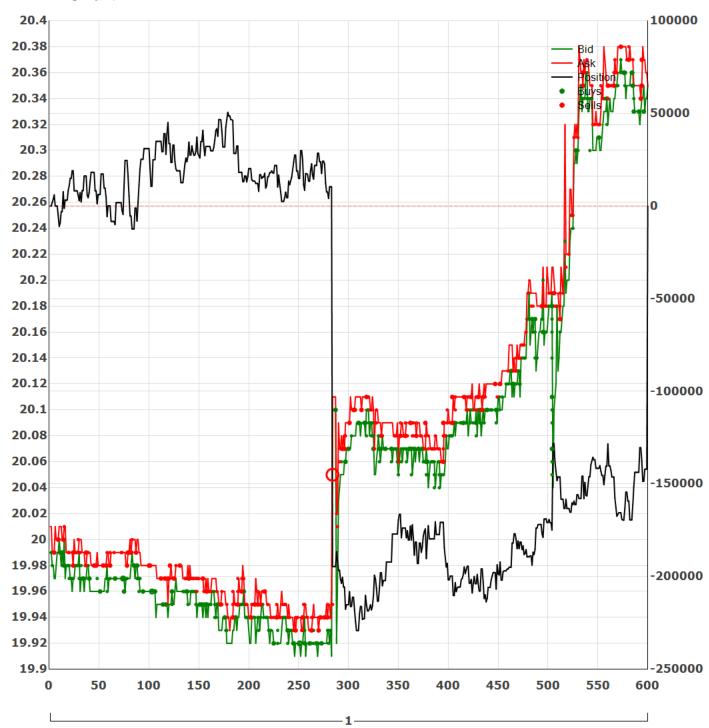
MMM-M Chart



Simulation: Citadel Algo Case



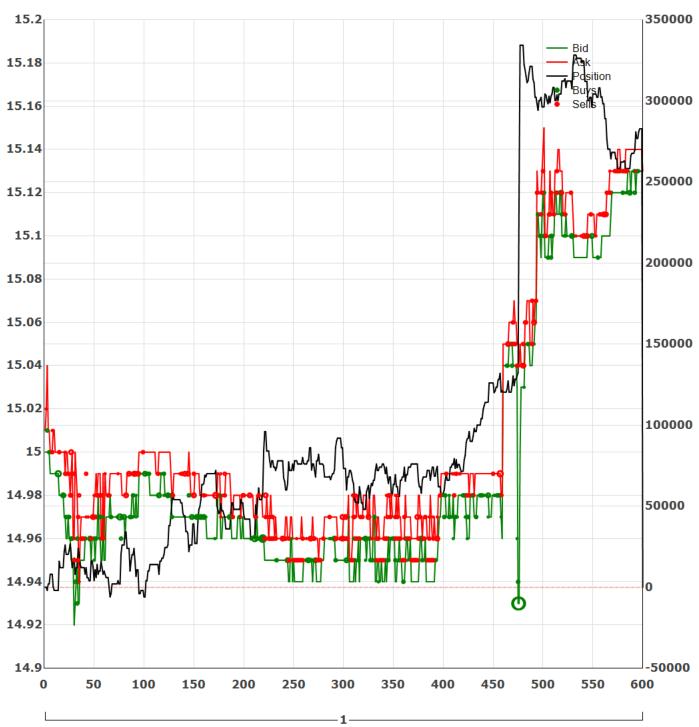
MMM-A Chart



Simulation: Citadel Algo Case



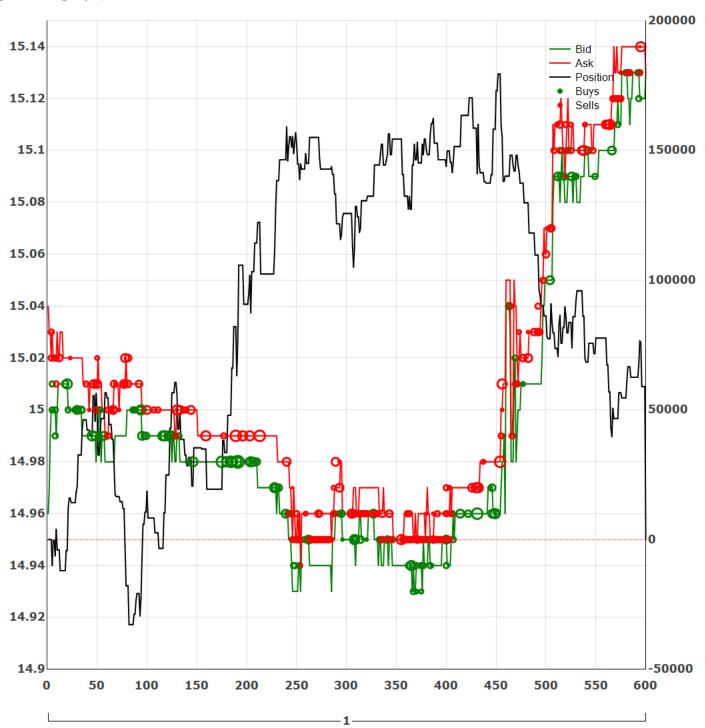
CAT-M Chart



Simulation: Citadel Algo Case



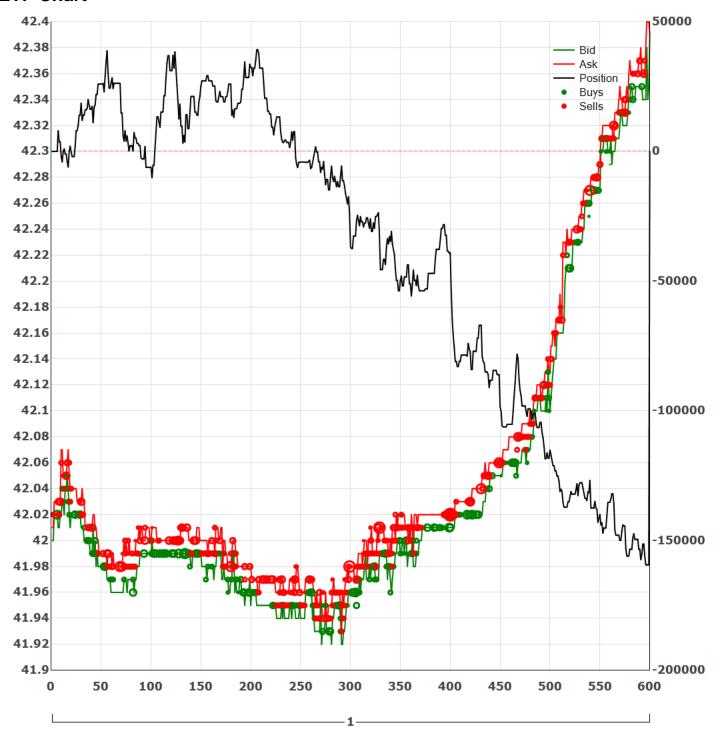
CAT-A Chart



Simulation: Citadel Algo Case



ETF Chart



Simulation: Citadel Algo Case



Security P&L Summary

Ticker	Realized P&L	Unrealized P&L	Commissions	Rebates	# of Trades	Buy VWAP	Sell VWAP	Buy Contracts	Sell Contracts
ES	0.00	0.00	0.00	0.00	0			0.00	0.00
WMT-M	37,613.10	0.00	48,407.45	53,399.55	1159	7.0148	7.0233	3,854,600.00	3,854,600.00
WMT-A	29,724.50	0.00	34,350.00	48,509.50	1164	7.0152	7.0196	3,499,700.00	3,499,700.00
MMM-M	-5,016.45	0.00	14,890.20	18,559.75	1159	20.0828	20.0757	1,223,900.00	1,223,900.00
MMM-A	-21,219.25	0.00	15,157.00	25,155.75	1151	20.0841	20.0644	1,586,700.00	1,586,700.00
CAT-M	69,224.40	0.00	18,084.30	20,809.70	1156	14.9786	15.0220	1,532,500.00	1,532,500.00
CAT-A	29,523.75	0.00	12,144.00	17,998.75	1158	14.9868	15.0058	1,243,900.00	1,243,900.00
ETF	-63,046.95	0.00	12,641.53	14,900.08	1127	42.1016	42.0395	1,052,100.00	1,052,100.00
TOTAL	76,803.10	0.00	155,674.48	199,333.08	8074				