

Quintile Analysis Engine Report V3.2

QAE Guide / Contact

By Simon Hobbs



System Fundamentals

www.system-fundamentals.com

Minimal guide provided below
→ See 'QAE Guide' for more details



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Metric 1 - M1 → Baseline Lens **Q_BL =**

Metric 2 - M2 → Reaction Lens **A_RL =**

Ranked by absolute state within the Complete One-Year Range

Reshaped to Reaction Intensity from Prior State then Ranked abs 1yr range

Border colors indicate timeframes

1 Month

3 Months

6 Months

1 Year

Distant 6M

All containers show identification badges for timeframes plus lens type with metric identity

Reserved space: Automated system status and integration details

QAE - Quintile Analysis Engine
LEADING EDGE PAGE
* Stock Market Skin *

REPORT TITLE: nVidia / NVDA / 2017 / NY / Metric 1 Volume / Metric 2 Close Price USD / EDT UTC -4hrs

Newest: Dec 31, 2017

Oldest: Jan 1, 2017

Newest Active Date: Dec 29, 2017

UTC-04:00 Atlantic Canada / Venezuela

QAE Timestamp: 2026-06-21 | 19:17:51

Day Count
365

Active Days
251

Participation
68.77%

Q_BL_M1 Baseline 1 Year

Newest Active Dec 29, 2017
Volume
279,964,637
Weak
Consecutive Days
(no direction) Weak = 4

Lowest Volume
Nov 24, 2017
180,751,998

Highest Volume
Jun 9, 2017
3,692,928,083

Baseline Lens Q-Band M1
Volume Cut-Offs

Weak | Up To - 428,050,796.00

Moderate | Up To - 513,349,595.00

Median | Up To - 644,871,154.00

Strong | Up To - 913,483,991.00

Peak | Up To - 3,692,928,083.00

A_RL_M2 Reaction 1 Year

Newest Active Dec 29, 2017
Close Price USD % Change
2.024% = 4.84
Strong ▼
Consecutive Days
Strong ▼ = 1
(no direction) Strong = 1

Lowest % Change
Jan 13, 2017
0.000%

Highest % Change
May 10, 2017
17.899%

Reaction Lens Q-Band M2
Close Price % Change Cut-Offs

Weak | Up To - 0.3968%

Moderate | Up To - 0.9311%

Median | Up To - 1.5625%

Strong | Up To - 2.6157%

Peak | Up To - 17.8988%

Q_BL_M1 Baseline & A_RL_M2 Reaction Newest Historical Activity 1 Year

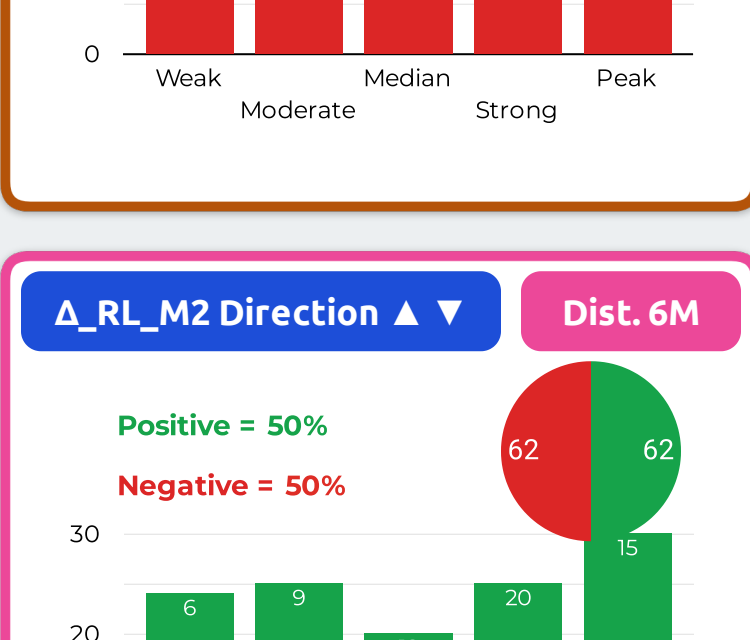
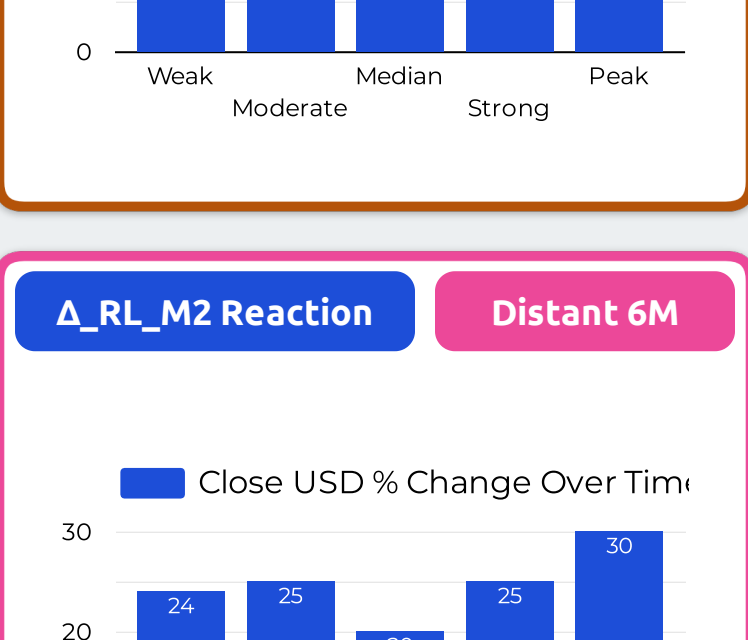
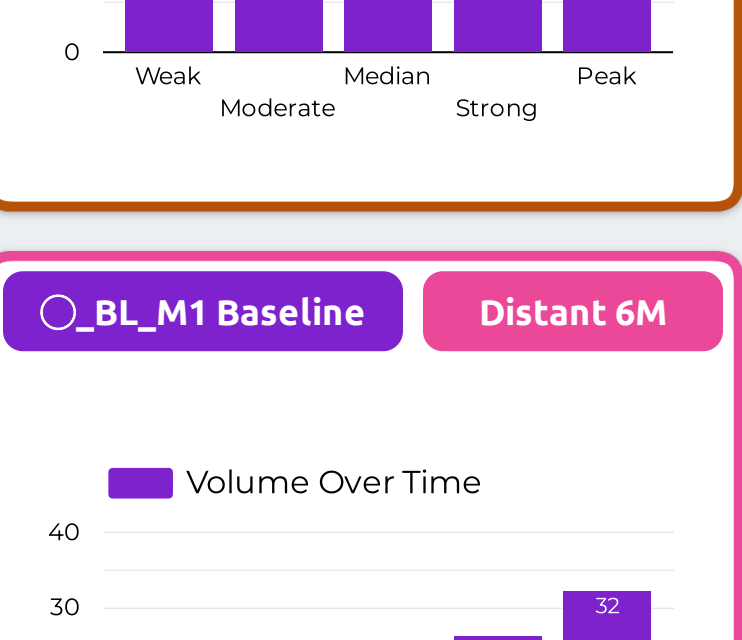
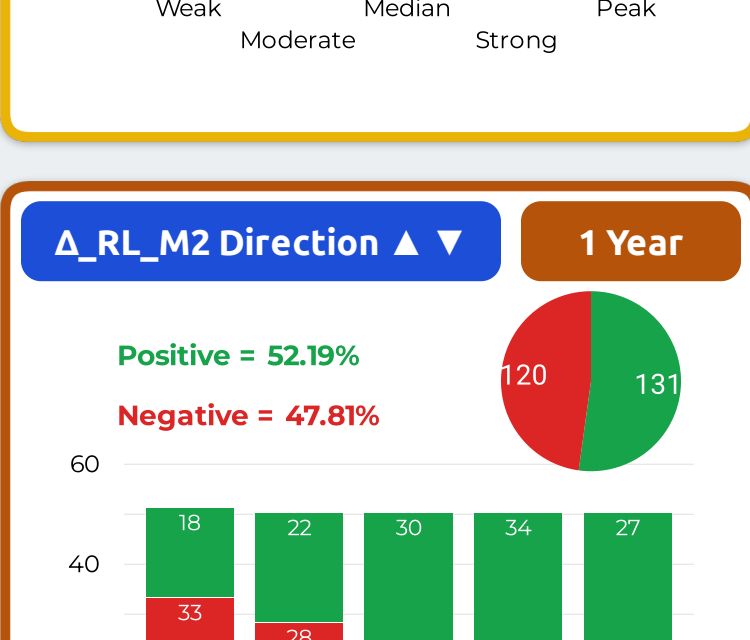
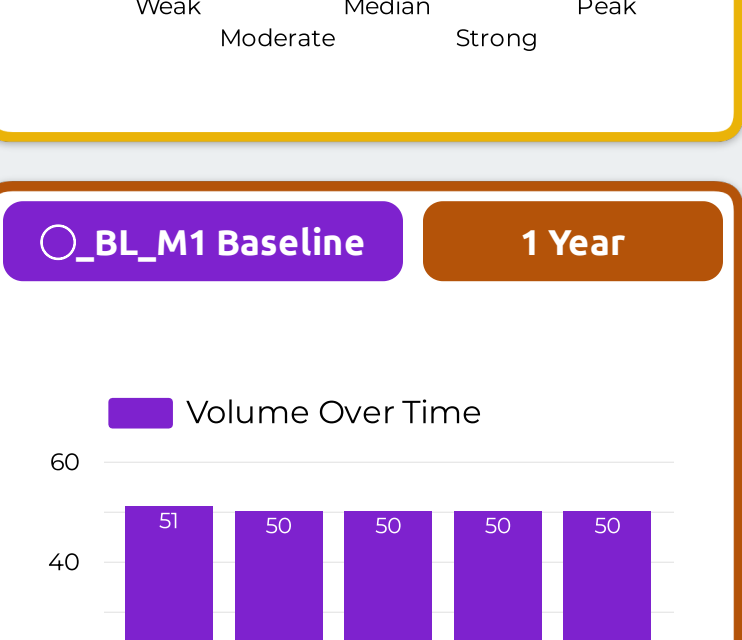
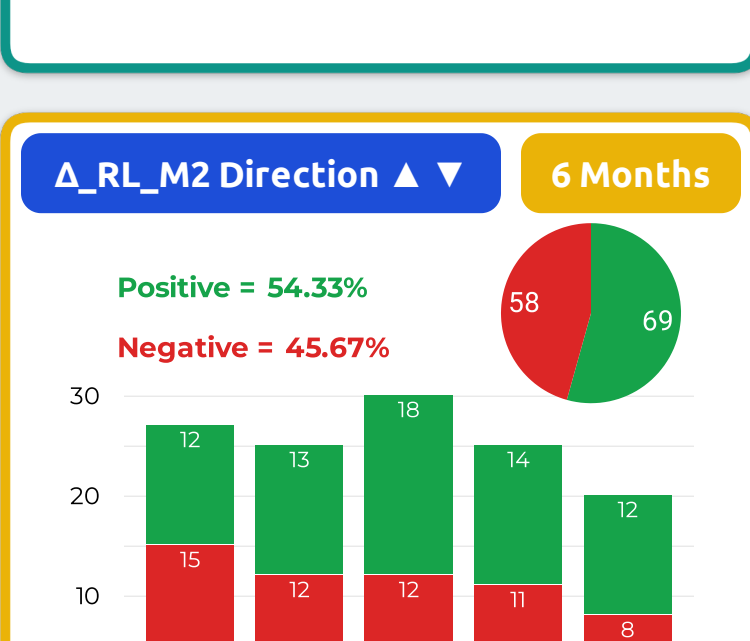
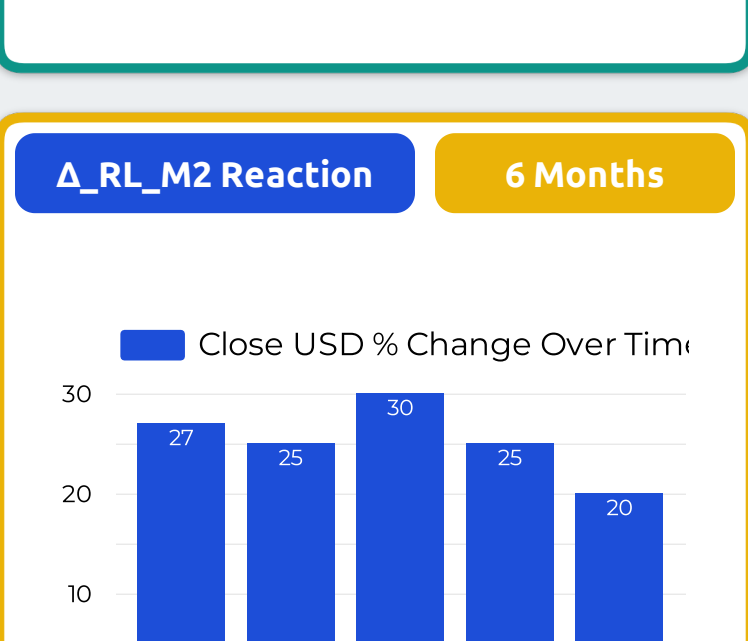
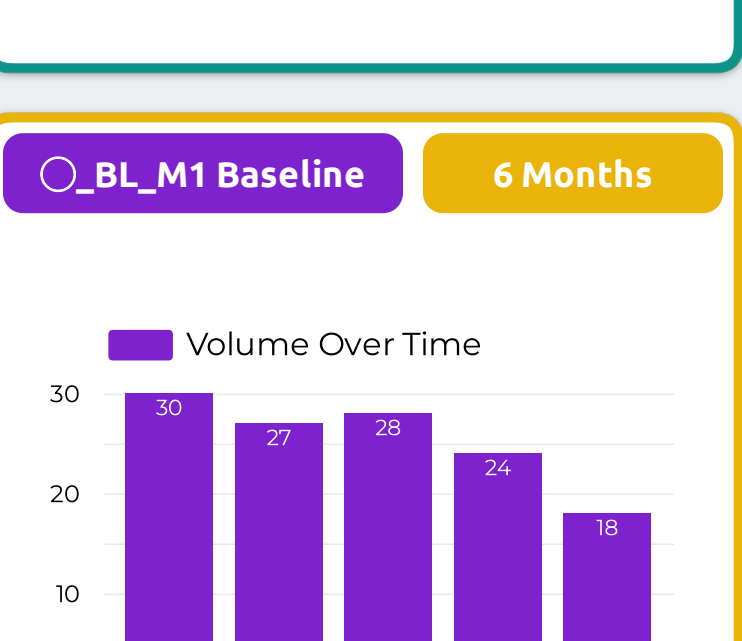
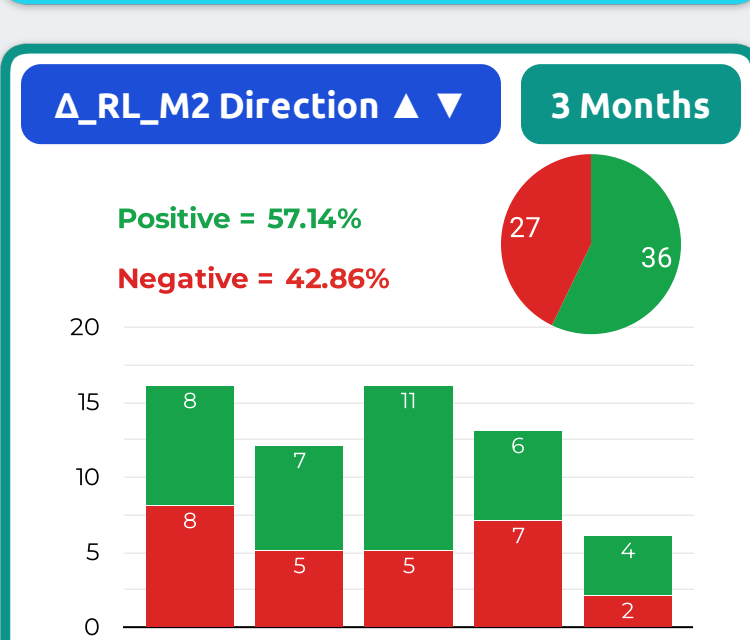
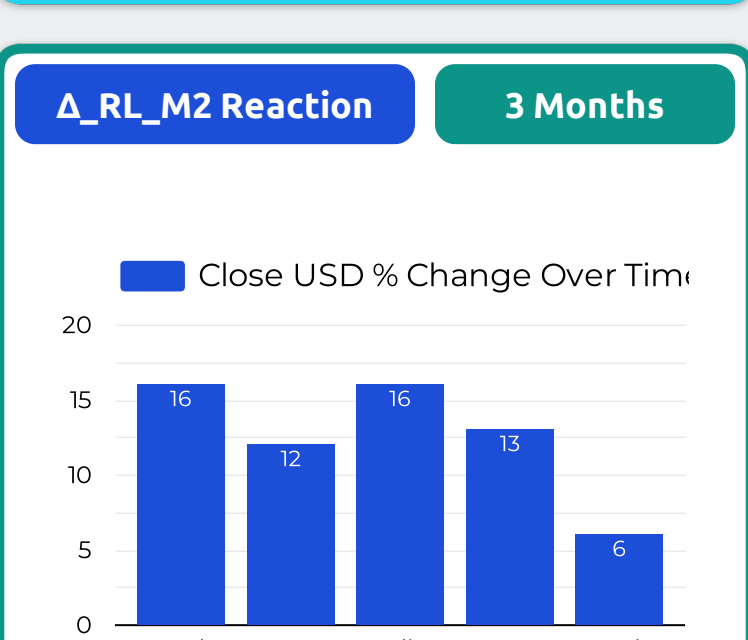
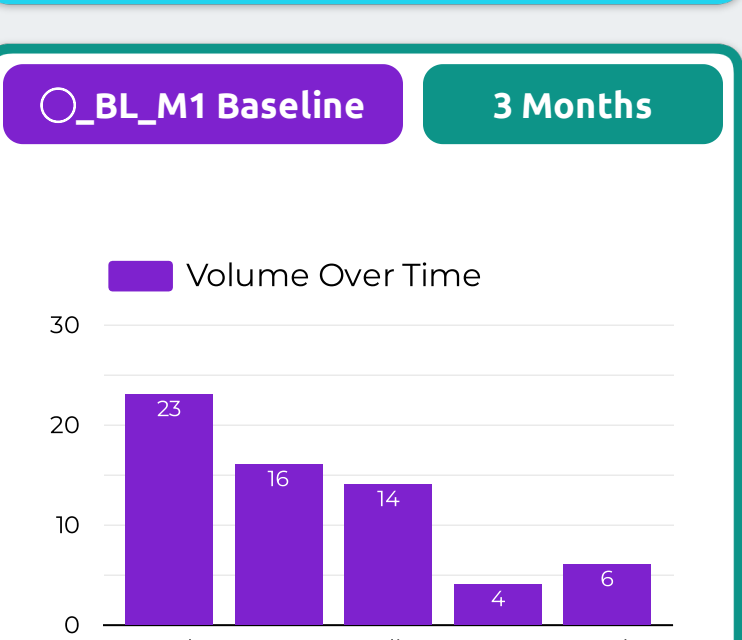
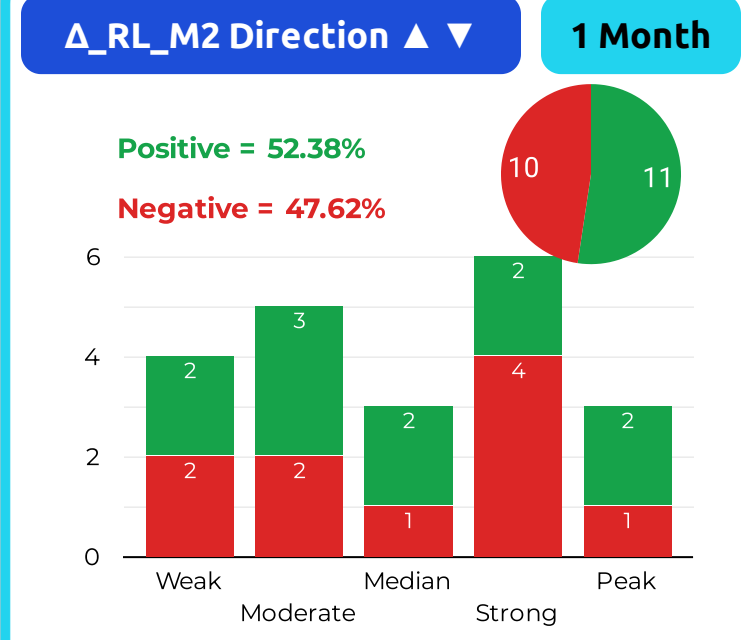
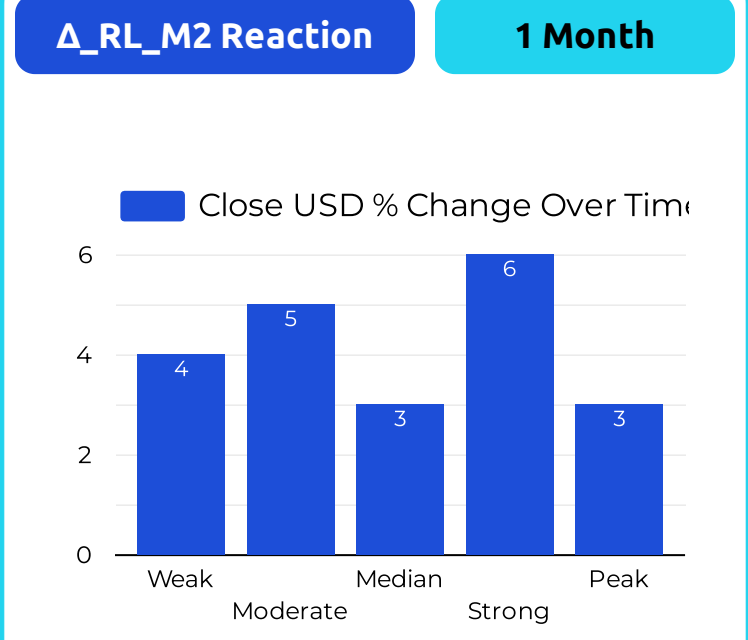
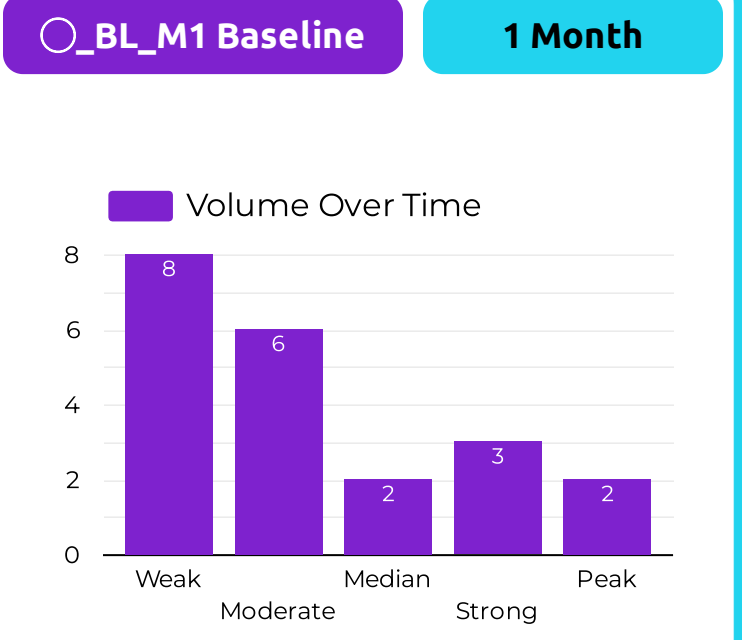
Local History Q-Bands: M1 = Volume | M2 = Close Price % Change

Peak - Volume M1

Peak - Price % Change M2

Date	Q_BL_M1	Position	A_RL_M2	Peak List	Date_Q_BL...	Peak List	Date_A_RL...
Dec 29, 2017	Weak	First Active Date	Strong ▼	1	Dec 5, 2017	1	Dec 18, 2017
Dec 28, 2017	Weak	2nd Active Date	Weak ▲	2	Dec 4, 2017	2	Dec 15, 2017
Dec 27, 2017	Weak	3rd	Weak ▼	3	Nov 29, 2017	3	Dec 4, 2017
Dec 26, 2017	Weak	4th	Median ▲	4	Nov 10, 2017	4	Nov 29, 2017
Dec 22, 2017	Moderate	5th	Moderate ▼	5	Nov 9, 2017	5	Nov 10, 2017
Dec 21, 2017	Weak	6th	Moderate ▼	6	Oct 10, 2017	6	Oct 27, 2017
Dec 20, 2017	Weak	7th	Moderate ▲	7	Sep 26, 2017	7	Sep 25, 2017
Dec 19, 2017	Weak	8th	Median ▼	8	Sep 21, 2017	8	Sep 21, 2017
Dec 18, 2017	Moderate	9th	Peak ▲	9	Sep 18, 2017	9	Sep 18, 2017
Dec 15, 2017	Strong	10th	Peak ▲	10	Sep 15, 2017	10	Sep 15, 2017

Q-Band Counts 5 Timeframes: M1 = Volume | M2 = Close Price % Change plus Directional Polarity Bias



A_RL_M2 Reaction A_RL_M2 Average % Change (Timeframes) Mixed Timeframes

A_RL_M2 Average Close USD % Change

Timeframe Period Average Reaction

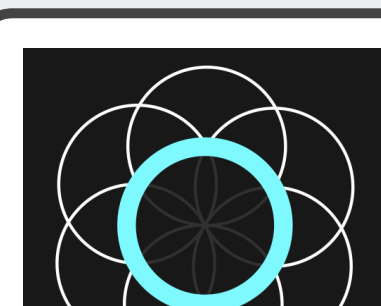
10 Active Days	1.11%
1 Month	1.46%
3 Months	1.31%
6 Months	1.52%
1 Year	1.72%
Distant 6 Months	1.91%

Additional Overlay details which so far seem useful with stable stock market data.

Reshaped Metric Values showing the Reaction Intensity averages over different timeframes.

An Overlay of Reaction Intensity as %, not quantile ranked.

These are non-negative % values before Ordinal Ranking.

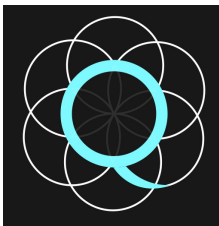


Version 3.1 - 31 May 2026

- New Dew Point Skin
- Improved decimal point handling in QAE Engine
- Added optional Random Micro Jitter (Multiplicative)
- Added optional Random Micro Jitter for Zeros (Additive)
- Added optional Ground Zero Constant Offset
- Corrected the Weak to Peak direction on heatmaps

Version 3.2 - 20 June 2026

- Reaction % primary container. Corrected the number rounding on the panel
- Minor adjustments



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○_BL =

Metric 2 - M2

→ Reaction Lens

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○_BL_M1 Baseline & △_RL_M2 Reaction

Newest Historical Activity

1 Year

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Monthly Q-Band Counts: ON-TOP M1 = Volume ---- BELOW M2 = Close Price USD % Change

○_BL_M1 Baseline

Monthly Q-Band Volume Trajectory

1 Year

Select Bands

○_BL_M1 Baseline

Monthly Q-Band Volume Dispersion

1 Year

month / count

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Peak	4	4	1	1	9	13	5	3	4	1	3	2
Strong	3	5	6	2	6	5	11	3	5	1	1	2
Median	5	4	8	2	2	1	2	8	4	8	4	2
Moderate	5	4	7	4	0	3	2	5	4	6	4	6
Weak	3	2	1	10	5	0	0	4	3	6	9	8

○_BL_M1 Baseline

Monthly Q-Band Volume Proportions

1 Year

These 3 barcharts / tables leftside are all from the same underlying M1 data-table which has indexed Q-Bands assigned to monthly buckets

△_RL_M2 Reaction

Monthly Q-Band % Change Trajectory

1 Year

Select Bands

△_RL_M2 Reaction

Monthly Q-Band % Change Dispersion

1 Year

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Peak	3	6	4	3	6	8	5	4	5	1	2	3
Strong	8	5	3	3	6	1	3	4	4	5	3	5
Median	5	2	3	3	3	4	7	7	0	5	8	3
Moderate	2	1	9	6	2	5	2	5	6	2	5	5
Weak	2	5	4	4	5	4	3	3	5	9	3	4

△_RL_M2 Reaction

Monthly Q-Band % Change Proportions

1 Year

△_RL_M2 Direction ▲ ▼

Monthly Reaction Directional Polarity

1 Year

Positive = 52.19%

Negative = 47.81%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Negative	10	10	11	10	9	13	8	12	10	7	10	10
Positive	10	9	12	9	13	9	12	11	10	15	11	10

50% 47% 52% 47% 59% 41% 60% 48% 50% 68% 52% 50%

50% 53% 48% 53% 41% 59% 40% 52% 50% 32% 48% 50%

These 3 barcharts / tables leftside are all from the same underlying M2 data-table which has indexed Q-Bands assigned to monthly buckets

The Directional Bias barchart is a separated polarity data-table