



Turning Point Analytics utilizes a time-tested, real-world strategy that optimizes the client's entry and exit points and adds alpha. TPA defines each stock as Trend or Range to identify actionable inflection points.

"In the short run, the market is a voting machine, but in the long run, it is a weighing machine." - Benjamin Graham

**S&P 1500+ DAILY SNAPSHOT – COMMENTS & CHARTS**      Thursday, March 24, 2022

**Today's TPA Trend-Range Report included below. TPA Trend-Range Strategy explained below. Links for Explanations of Technical terms at the bottom of the report**

**BUY**

- EVBG rose above its steep 5-month and 2022 downtrend lines in the past 2 weeks. EVBG is still down over 70% from early November and 36% in 2022. EVBG has steadily climbed each day since the breakout (zoom chart). The 3-year chart reveals that long-term resistance, after the breakout, is over 120% higher at the 100 level. The weekly chart shows that EVBG's rebound is from a conformed long-term support just below the 30 level. TPA's target is +45%.



### EVBG – zoom



### EVBG – 3-year



**EVBG - weekly**



- SHOP rose above its 4-month downtrend line last week. SHOP is still down 58% since late November. Chart 2 shows that the next level of resistance is 40% higher than Wednesday's close at the 1000 level. The weekly shows that the recent inflection point is confirmed by long-term support. TPA's target is +30%.

**SHOP Shopify Inc 703.5900 Stop = 655.7459 Target = 914.6670**



**SHOP**



**SHOP - weekly**



**TPA TREND-RANGE STRATEGY** (see explanation below)

## TPA TREND-RANGE REPORT (New and improved!)

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	(Million) MKT CAP	LAST	CONDITION TREND/RANGE	SHORT TERM ALERT	POSSIBLE NEXT MOVE	OVERBOUGHT OVERSOLD	RANGE ALERT
ERIE	Eric Intersery Co.	Property Or Casualty Insurance	Finance	8,285	177.91	DOWNTREND	TURN UP?	0.29%	0	
TRMB	Trimble Inc	ectronic Equipment Or Instrumen	ElectronicTechnology	17,452	89.47	DOWNTREND	TURN UP?	0.56%	0	
NDQA	Nasdaq Inc	Investment Banks Or Brokers	Finance	28,631	174.14	DOWNTREND	TURN UP?	0.64%	0	
MSI	Motorola Solutions Inc	Aerospace And Defense	ElectronicTechnology	38,146	226.78	DOWNTREND	TURN UP?	0.85%	0	
MNN	National Retail Properties Inc	Real Estate Investment Trusts	Finance	7,566	43.08	DOWNTREND	TURN UP?	0.94%	0	
STWD	Starwood Property Trust Inc	Real Estate Investment Trusts	Finance	7,258	23.81	DOWNTREND	TURN UP?	1.12%	0	
AMG	Affiliated Managers Group Inc.	Investment Managers	Finance	5,559	133.74	DOWNTREND	TURN UP?	1.34%	0	
CACC	Credit Acceptance Corp.	Finance Or Rental Or Leasing	Finance	7,634	523.06	DOWNTREND	TURN UP?	1.88%	0	
LUV	Southwest Airlines Co	Airlines	Transportation	25,394	42.67	DOWNTREND	TURN UP?	2.16%	0	
PEP	PepsiCo Inc	Beverages Non Alcoholic	ConsumerNonDurables	226,186	163.48	DOWNTREND	TURN UP?	2.33%	0	
AAP	Advance Auto Parts Inc	Specialty Stores	RetailTrade	13,035	213.34	DOWNTREND	TURN UP?	2.45%	0	
LULU	Lululemon Athletica Inc.	Internet Retail	RetailTrade	40,135	310.42	DOWNTREND	TURN UP?	2.58%	0	
NLY	Annaly Capital Management Inc	Real Estate Investment Trusts	Finance	10,486	7.18	DOWNTREND	TURN UP?	2.80%	0	
CFX	Colfax Corp	Industrial Machinery	ProducerManufacturing	6,444	39.94	DOWNTREND	TURN UP?	2.80%	0	
TROW	T. Rowe Price Group Inc.	Investment Managers	Finance	33,400	146.43	DOWNTREND	TURN UP?	2.83%	0	
XIC	SPDR Communication Services Select Sector ETF	Investment Trusts Or Mutual Funds	Miscellaneous	0	67.74	DOWNTREND	TURN UP?	3.07%	0	
DOV	Dover Corp.	Industrial Machinery	ProducerManufacturing	22,736	157.83	DOWNTREND	TURN UP?	3.09%	0	
LFUS	Litefuse Inc.	Electrical Products	ProducerManufacturing	6,258	253.45	DOWNTREND	TURN UP?	3.16%	0	
RNR	Reinsurancere Holdings Ltd	Property Or Casualty Insurance	Finance	6,568	149.32	DOWNTREND	TURN UP?	3.22%	0	
MCSA	Comcast Corp	Cable Or Satellite TV	ConsumerServices	210,886	46.52	DOWNTREND	TURN UP?	3.25%	0	
CNR	Cummins Inc	is Or Construction Or Farm Mach	ProducerManufacturing	29,629	208.09	DOWNTREND	TURN UP?	3.71%	0	
IEX	Idex Corporation	Industrial Machinery	ProducerManufacturing	14,722	193.4	DOWNTREND	TURN UP?	3.76%	0	
BMRN	Biomarin Pharmaceutical Inc. - Registered Shares	Biotechnology	HealthTechnology	14,881	80.66	DOWNTREND	TURN UP?	3.81%	0	
SWKS	Skyworks Solutions Inc.	Semiconductors	ElectronicTechnology	21,592	133.3	DOWNTREND	TURN UP?	3.99%	0	
PPL	PPL Corp	Electric Utilities	Utilities	20,187	26.89	DOWNTREND	TURN UP?	4.16%	0	
DLR	Digital Realty Trust Inc	Real Estate Investment Trusts	Finance	38,873	136.85	DOWNTREND	TURN UP?	4.53%	0	
ROK	Rockwell Automation Inc	Electrical Products	ProducerManufacturing	31,424	270.44	DOWNTREND	TURN UP?	4.65%	0	
NKE	Nike Inc.	Apparel Or Footwear	ConsumerNonDurables	210,312	133	DOWNTREND	TURN UP?	4.50%	0	
VNWI	Vivare Inc. - Ordinary Shares - Class A	Information Technology Services	TechnologyServices	48,716	116.32	DOWNTREND	TURN UP?	4.62%	0	
BLX	Blackrock Inc.	Investment Managers	Finance	111,973	736.46	DOWNTREND	TURN UP?	4.67%	0	
MA	Mastercard Incorporated	Finance Or Rental Or Leasing	Finance	334,473	342.18	DOWNTREND	TURN UP?	4.78%	0	
MCD	McDonald's Corp	Restaurants	ConsumerServices	175,575	236.12	DOWNTREND	TURN UP?	4.81%	0	
FDX	Fedex Corp	Air Freight Or Couriers	Transportation	58,683	221.47	DOWNTREND	TURN UP?	4.89%	0	
JCI	Johnson Controls International plc - Registered Shares	Office Equipment Or Supplies	ProducerManufacturing	45,502	64.70	DOWNTREND	TURN UP?	4.90%	0	
KEYS	Keyight Technologies Inc	ectronic Equipment Or Instrumen	ElectronicTechnology	28,452	156.35	DOWNTREND	TURN UP?	5.05%	0	
DLB	Dolby Laboratories Inc	Packaged Software	TechnologyServices	7,667	75.3	DOWNTREND	TURN UP?	5.17%	0	
SIVB	SVB Financial Group	Regional Banks	Finance	33,477	-569.24	DOWNTREND	TURN UP?	5.30%	0	
MTN	Vail Resorts Inc.	Hotels Or Resorts Or CruiseLines	ConsumerServices	10,367	255.42	DOWNTREND	TURN UP?	5.39%	0	
TT	Trane Technologies plc - Ordinary Shares - Class A	Industrial Conglomerates	ProducerManufacturing	35,706	132.89	DOWNTREND	TURN UP?	5.46%	0	
TER	Teradyne Inc.	Electronic Production Equipment	ElectronicTechnology	18,923	116.51	DOWNTREND	TURN UP?	5.53%	0	
ECL	Ecolab Inc.	Chemicals Specialty	ProcessIndustries	49,820	173.74	DOWNTREND	TURN UP?	5.91%	0	
DELL	Dell Technologies Inc	Computer Processing Hardware	ElectronicTechnology	40,180	52.6	DOWNTREND	TURN UP?	6.10%	0	
G	Genpart Ltd	Alscellaneous Commercial Service	CommercialServices	8,000	43.2	DOWNTREND	TURN UP?	6.34%	0	
AGNC	AGNC Investment Corp	Real Estate Investment Trusts	Finance	6,832	13.07	DOWNTREND	TURN UP?	6.38%	0	

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	(Million) MKT CAP	LAST	CONDITION TREND/RANGE	SHORT TERM ALERT	POSSIBLE NEXT MOVE	OVERBOUGHT OVERSOLD	RANGE? ALERT
PBR	Pentair PLC	Miscellaneous Manufacturing	Producer/Manufacturing	9,297	36.31	DOWNTREND	TURN UP?	6.53%	0	
UBER	Uber Technologies Inc	Packaged Software	Technology/Services	64,614	35.06	DOWNTREND	TURN UP?	6.58%	0	
MMM	3M Co.	Industrial Conglomerates	Producer/Manufacturing	64,450	147.68	DOWNTREND	TURN UP?	6.85%	0	
GXO	GXO Logistics Inc	Air Freight Or Couriers	Transportation	8,568	74.09	DOWNTREND	TURN UP?	6.87%	0	
FRI	Primerica Inc	Life Or Health Insurance	Finance	5,179	133.97	DOWNTREND	TURN UP?	7.13%	0	
CE	Celanese Corp - Ordinary Shares - Series A	Chemicals/Major Diversified	Process/Industries	15,285	141.49	DOWNTREND	TURN UP?	7.15%	0	
DAL	Delta Air Lines Inc.	Airlines	Transportation	23,178	36.22	DOWNTREND	TURN UP?	7.20%	-1	
APD	Air Products & Chemicals Inc.	Chemicals Specialty	Process/Industries	32,157	235.24	DOWNTREND	TURN UP?	7.63%	0	
NFLX	Netflix Inc	Internet Software Or Services	Technology/Services	168,260	574.49	DOWNTREND	TURN UP?	7.64%	0	
ZBRA	Zebra Technologies Corp.	Computer Peripherals	Electronic/Technology	22,289	419.91	DOWNTREND	TURN UP?	7.64%	0	
LRCX	Lam Research Corp.	Electronic Production Equipment	Electronic/Technology	74,073	530.99	DOWNTREND	TURN UP?	7.87%	0	
IR	Ingersoll-Rand Inc	Industrial Machinery	Producer/Manufacturing	20,121	49.32	DOWNTREND	TURN UP?	8.05%	0	
VNT	Vontier Corporation	Other Transportation	Transportation	3,285	24.1	DOWNTREND	TURN UP?	8.40%	0	
FIS	Fidelity National Information Services Inc.	Data Processing Services	Technology/Services	58,173	95.83	DOWNTREND	TURN UP?	8.91%	0	
VEEV	Veeva Systems Inc	Packaged Software	Technology/Services	30,332	197.26	DOWNTREND	TURN UP?	8.98%	0	
XVL	Xylem Inc	Industrial Machinery	Producer/Manufacturing	15,569	86.54	DOWNTREND	TURN UP?	9.14%	0	
DECK	Deckers Outdoor Corp.	Apparel Or Footwear	Consumer/NonDurables	7,340	269.43	DOWNTREND	TURN UP?	9.31%	0	
ADSK	Autodesk Inc.	Packaged Software	Technology/Services	45,057	207.34	DOWNTREND	TURN UP?	9.81%	0	
BKI	Black Knight Inc	Packaged Software	Technology/Services	9,216	59.35	DOWNTREND	TURN UP?	9.88%	0	
BE	Bank Of New York Mellon Corp	Major Banks	Finance	41,752	51.79	DOWNTREND	TURN UP?	10.14%	0	
VFC	VF Corp.	Apparel Or Footwear	Consumer/NonDurables	21,639	55.64	DOWNTREND	TURN UP?	10.16%	0	
CTL	Charles River Laboratories International Inc.	Miscellaneous/Commercial Service	Commercial/Services	14,071	278.71	DOWNTREND	TURN UP?	10.37%	0	
APT	Aptiv PLC	Auto Parts OEM	Producer/Manufacturing	31,952	117.94	DOWNTREND	TURN UP?	10.60%	-1	
LAZ	Lazard Ltd.	Investment Banks Or Brokers	Finance	3,267	34.56	DOWNTREND	TURN UP?	10.80%	0	
PATH	UiPath Inc - Ordinary Shares - Class A	Packaged Software	Technology/Services	15,883	30.24	DOWNTREND	TURN UP?	11.15%	-1	
CERT	Certara Inc	Packaged Software	Technology/Services	3,494	21.51	DOWNTREND	TURN UP?	11.72%	0	
SPOT	Spotify Technology S.A.	Internet Software Or Services	Technology/Services	28,109	148.57	DOWNTREND	TURN UP?	11.83%	0	
PPG	PPG Industries Inc.	Industrial Specialties	Process/Industries	30,402	128.74	DOWNTREND	TURN UP?	12.05%	0	
ATUS	Altice USA Inc	Major Telecommunications	Communications	5,329	11.72	DOWNTREND	TURN UP?	12.09%	0	
GM	General Motors Company	Motor Vehicles	Consumer/Durables	63,613	43.78	DOWNTREND	TURN UP?	12.15%	0	
DOCU	DocuSign Inc	Packaged Software	Technology/Services	19,821	100.17	DOWNTREND	TURN UP?	12.18%	0	
GH	Guardant Health Inc	Medical Or Nursing Services	Health/Services	5,991	58.81	DOWNTREND	TURN UP?	12.82%	0	
ADPT	Adaptive Biotechnologies Corp	Miscellaneous/Commercial Service	Commercial/Services	1,872	15.22	DOWNTREND	TURN UP?	13.35%	0	
FB	Meta Platforms Inc - Ordinary Shares - Class A	Internet Software Or Services	Technology/Services	581,025	213.46	DOWNTREND	TURN UP?	13.96%	0	
ZM	Zoom Video Communications Inc.	Packaged Software	Technology/Services	34,941	116.81	DOWNTREND	TURN UP?	14.40%	0	
KD	Kyndryl Holdings Inc	Data Processing Services	Technology/Services	2,910	12.88	DOWNTREND	TURN UP?	15.04%	-1	
SNOW	Snowflake Inc - Ordinary Shares - Class A	Packaged Software	Technology/Services	68,072	222.24	DOWNTREND	TURN UP?	15.50%	-1	
RNG	RingCentral Inc.	Packaged Software	Technology/Services	11,609	122.92	DOWNTREND	TURN UP?	19.46%	-1	
NEWR	New Relic Inc	Information Technology Services	Technology/Services	4,407	66.6	DOWNTREND	TURN UP?	22.05%	0	
VTRS	Viatris Inc	Pharmaceuticals/Major	Health/Technology	33,158	10.88	DOWNTREND	TURN UP?	22.06%	-1	
MAGI	Masimo Corp	Medical Specialties	Health/Technology	8,505	153.82	DOWNTREND	TURN UP?	22.52%	0	
FSLY	Fasty Inc	Information Technology Services	Technology/Services	2,063	17.15	DOWNTREND	TURN UP?	33.44%	0	
VRT	Vertiv Holdings Co - Ordinary Shares - Class A	Electronic Production Equipment	Electronic/Technology	4,929	13.11	DOWNTREND	TURN UP?	34.59%	-1	
PLAN	Anaplan Inc	Packaged Software	Technology/Services	9,557	64.72	RANGE	TOP	-44.91%	1	!!
CRWD	CrowdStrike Holdings Inc	Packaged Software	Technology/Services	50,245	219.48	RANGE	TOP	-27.55%	1	

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AGL	Agilon Health Inc	Medical Or Nursing Services	Health/Services	9,576	23.87	RANGE	TOP	-25.87%	1	
PLUG	Plug Power Inc.	Electronic Components	Electronic/Technology	15,976	27.64	RANGE	TOP	-22.45%	1	
SPKE	Splunk Inc	Information Technology Services	Technology/Services	21,056	138.9	RANGE	TOP	-22.43%	1	
ATX	Alteryx Inc	Packaged Software	Technology/Services	4,716	68.73	RANGE	TOP	-21.20%	2	
AGCO	AGCO Corp.	Is Or Construction Or Farm Mach	Producer/Manufacturing	10,518	141.11	RANGE	TOP	-18.63%	0	
ALB	Albemarle Corp.	Chemicals Specialty	Process/Industries	24,368	208.21	RANGE	TOP	-18.11%	0	
CLR	Continental Resources Inc (OKLA)	Oil And Gas Production	Energy/Minerals	23,195	65.67	RANGE	TOP	-17.75%	1	
ANET	Arista Networks Inc	Computer Communications	Electronic/Technology	40,979	133.15	RANGE	TOP	-16.97%	0	!!
URI	United Rentals Inc	Finance Or Rental Or Leasing	Finance	25,587	354.43	RANGE	TOP	-16.97%	0	
WEX	WEX Inc	Data Processing Services	Technology/Services	8,163	182.06	RANGE	TOP	-15.80%	0	
ALL	Allstate Corp (The)	Property Or Casualty Insurance	Finance	38,456	137.05	RANGE	TOP	-15.26%	1	!!
UNM	Unum Group	Life Or Health Insurance	Finance	6,126	30.24	RANGE	TOP	-14.77%	0	
PANW	Palo Alto Networks Inc	Computer Communications	Electronic/Technology	59,489	604.04	RANGE	TOP	-14.44%	1	
HES	Hess Corporation	Oil And Gas Production	Energy/Minerals	31,901	106.22	RANGE	TOP	-13.88%	0	
COP	Conoco Phillips	Oil And Gas Production	Energy/Minerals	135,632	104.37	RANGE	TOP	-13.78%	1	
FANG	Diamondback Energy Inc	Oil And Gas Production	Energy/Minerals	25,307	142.64	RANGE	TOP	-13.34%	0	
XONS	Ionis Pharmaceuticals Inc	Pharmaceuticals/Major	Health/Technology	5,054	35.67	RANGE	TOP	-13.33%	0	
CGNX	Cognex Corp.	Electronic Equipment Or Instrum	Electronic/Technology	12,609	72.5	RANGE	TOP	-13.29%	0	
PXD	Pioneer Natural Resources Co.	Oil And Gas Production	Energy/Minerals	61,892	254.82	RANGE	TOP	-12.98%	0	
PGI	Progressive Corp.	Property Or Casualty Insurance	Finance	66,673	114	RANGE	TOP	-11.95%	0	
SON	Sonoco Products Co.	Containers Or Packaging	Process/Industries	5,891	60.45	RANGE	TOP	-10.82%	0	
AM	Antero Midstream Corp	Oil And Gas Pipelines	Industrial/Services	5,063	10.6	RANGE	TOP	-10.56%	0	
AFG	American Financial Group Inc	Property Or Casualty Insurance	Finance	12,388	144.88	RANGE	TOP	-8.27%	0	
TDY	Teledyne Technologies Inc	Aerospace And Defense	Electronic/Technology	21,457	454.64	RANGE	TOP	-8.33%	0	
AZO	Autzone Inc.	Specialty Stores	Retail/Trade	39,381	1972.28	RANGE	TOP	-9.11%	0	
MPC	Marathon Petroleum Corp	Oil Refining Or Marketing	Energy/Minerals	44,943	80.46	RANGE	TOP	-8.86%	0	
BG	Bunge Ltd.	Agricultural Commodities Or Mill	Process/Industries	15,635	111.96	RANGE	TOP	-8.63%	0	
CHI	Omega Healthcare Investors Inc.	Real Estate Investment Trusts	Finance	7,023	29.57	RANGE	TOP	-6.45%	0	
SIRI	Sirius XM Holdings Inc	Broadcasting	Consumer/Services	25,267	6.4	RANGE	TOP	-5.84%	0	
WTM	White Mountains Insurance Group Ltd	Multi Line Insurance	Finance	3,265	1087.94	RANGE	TOP	-5.69%	0	
NUAN	Nuance Communications Inc (Delisted)	Packaged Software	Technology/Services	17,682	55.99	RANGE	TOP	-3.90%	1	!!
ELS	Equity Lifestyle Properties Inc.	Real Estate Investment Trusts	Finance	13,640	73.33	RANGE	BOTTOM	6.80%	0	!!
HSI	Hanesbrands Inc	Apparel Or Footwear	Consumer/NonDurables	5,191	14.89	RANGE	BOTTOM	6.82%	0	
NYCB	New York Community Bancorp Inc.	Savings Banks	Finance	5,053	10.82	RANGE	BOTTOM	7.97%	0	!!
IART	Integra Lifesciences Holdings Corp	Medical Specialties	Health/Technology	5,233	62.86	RANGE	BOTTOM	9.84%	0	!!
UMFG	Umpqua Holdings Corp	Regional Banks	Finance	4,181	19.3	RANGE	BOTTOM	11.78%	0	!!
RMD	Resmed Inc.	Medical Specialties	Health/Technology	34,073	233	RANGE	BOTTOM	13.16%	-1	
BC	Brunswick Corp.	Recreational Products	Consumer/Durables	6,960	84.38	RANGE	BOTTOM	16.66%	0	

## TPA TREND-RANGE STRATEGY EXPLAINED

### Alerts:

#### 1. Uptrend stocks trading below short term moving averages:

- Possible buy at uptrend support (chart 1)
- Possible sell if medium-term trend break (chart 2)

#### 2. Downtrend stocks trading above short-term moving averages

- Possible sell at downtrend resistance (chart 3)
- Possible buy if medium-term trend break (chart 4)

#### 3. Range stocks (low trend strength) at the top or bottom 10% of their 2 STD DEV Bollinger Band

- Possible buy at bottom of range (chart 5)
- Possible sell at top of range (chart 6)

### Medium-term Trend Strength determined by DMI ADX

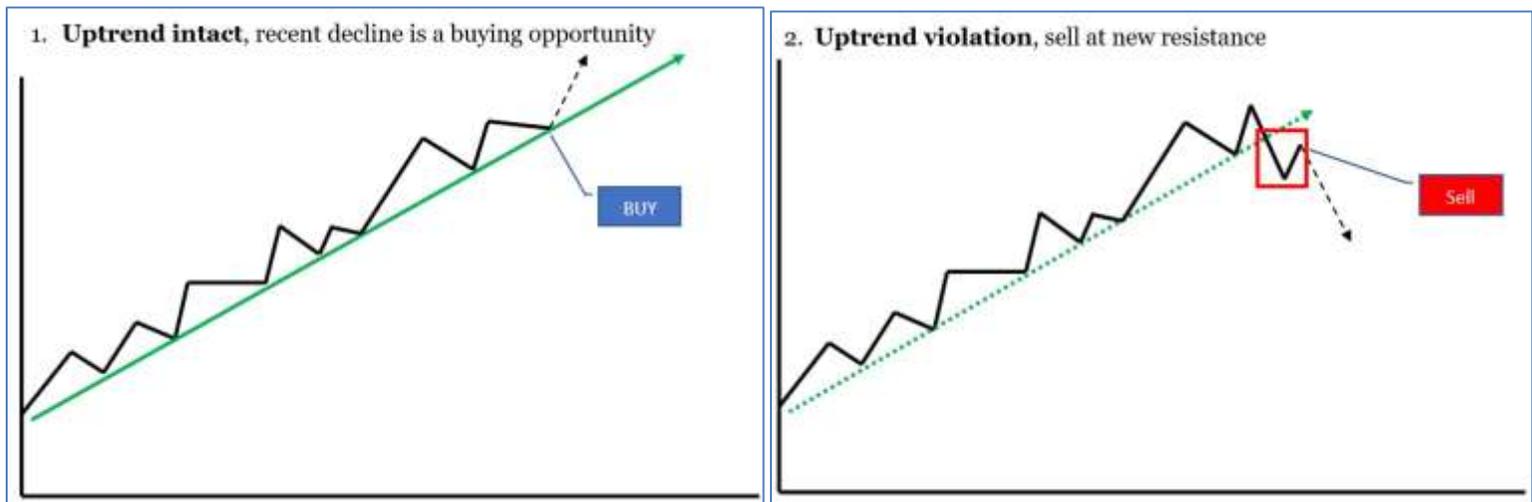
*Uptrend – trend strength & DMI+ > DMI-*

*Downtrend – trend strength & DMI- > DMI+*

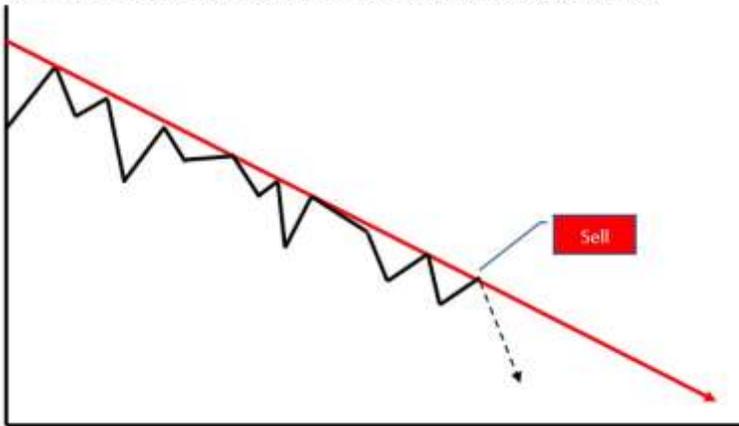
*Range – low trend strength*

*Actionable stocks fit one of the 6 TPA charts at the bottom of this report*

TPA looks first to Trend-Range for actionable ideas. Other variables must also be examined including, but not confined to, TPA's ongoing macro investment themes, relative strength compared to the market, sector, and subsector, overbought or oversold characteristics, other technical patterns that may exist, patterns that involve fundamentals or EPS surprise, longer-term support and resistance levels, and longer-term uptrends and downtrend lines.



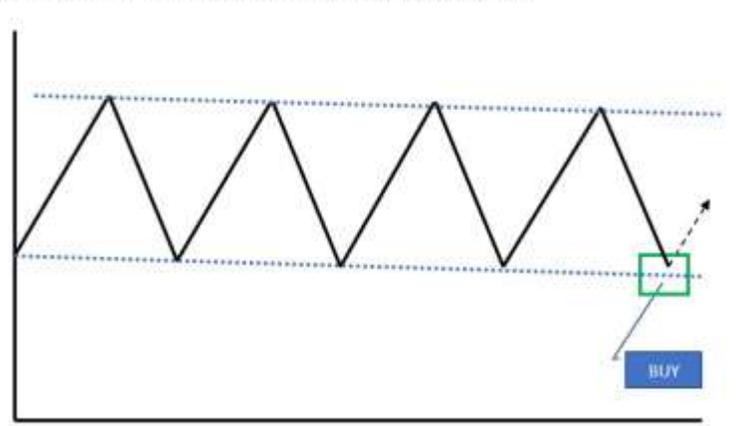
3. **Downtrend intact**, recent rally is a selling opportunity



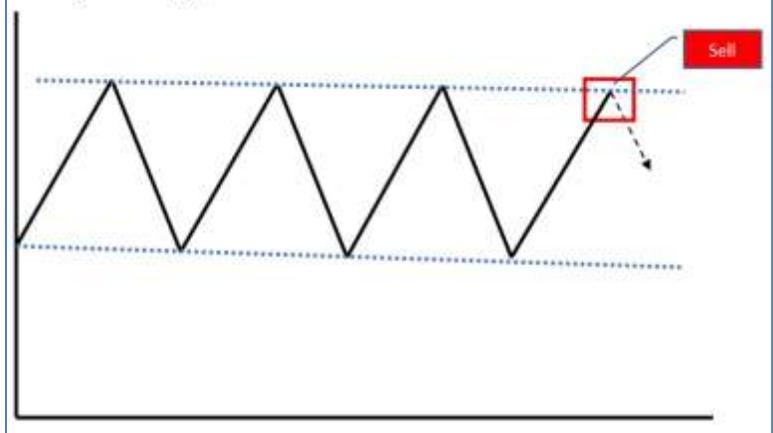
4. **Downtrend violation**, buy at new support



5. **Bottom of range**, buy at established support



6. **Top of range**, sell at established resistance



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**ALWAYS REMEMBER: No strategy exists in a vacuum – always evaluate the relevant sector & market.**  
*Over 80% of portfolio performance is determined by sector and market forces (Ibbotson & Kaplan study – January/February 2000)*

**Turning Point Analytics Disclaimer**

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