Charts for RNG Date: 11-10-02:17 (Tuesday)

RNG is: RingCentral, Inc. Quote Profile Pcnt Chg: 1.01

APC Table for RNG																	
RNG	CS	B	P	Efficiency			S	D	Exhaustion			Trend Bias			F	C	V	O
Monthly				12					C: 4			56		44		M		
Weekly				17					F: 5			0		0		W		
Daily				-57					F: 1			35		27		D		
90				-22					C: 6			0		69		90		
60				-35					F: 7			0		84		60		
45				-78					F: 5			0		92		45		
30				-29					F: 4			48		11		30		
15				-43					F: 1			67		3		15		
10				11					F: 2			85		0		10		
1	CS	2	3	4	4a	5	6	D	7	8	Ct	9	10	11	12	13	14	16
eDiff			35	13		16	3				45	0		76	76			
Diff			30	19		21	2				30	46		30	16			

eDiff		Diff	

	Boot Strap	44		56

Weighted Ave			Chnnl	BSH	CP	FAN	IFan
-10	Monthly	6/32					
15	Weekly	37/1					
-8	Daily	37/1					
-28	90	3/35					
-31	60	0/38					
-27	45	0/38					
7	30	0/38					
19	15	27/11					
27	10	32/6					

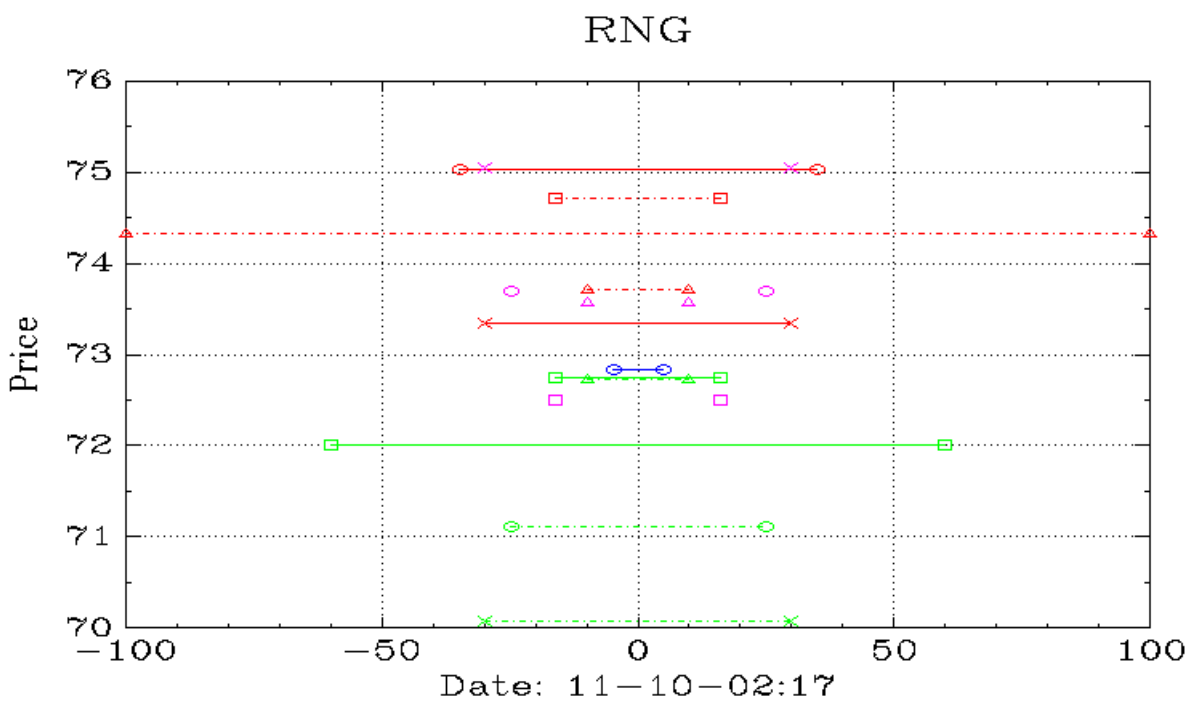
Channel	
Monthly	0
Weekly	-4
Daily	-16
90	-41
10	39

APC Signal Explanations			
VAP Ichimoku Cloud Signals (Money Factory with no Bootstrapping)			
This strategy for Col 14 may be applied to any row of the APC Table. Row 30 is recommended.			
14		Buy Long Pos	Buy a long position as soon as possible after this signal.

		Buy Short Pos	Buy a short position as soon as possible after this signal.
		Hold Long Pos	As long as this signal is visible, the up-trend continues.
		Hold Short Pos	As long as this signal is visible, the down-trend continues.
		Sell Short Pos	You should not be holding a short position after this signal.
		Sell Long Pos	You should not be holding a long position after ths signal.
		Sell Short Pos	You should not be holding a short position after this signal.
		Sell Long Pos	You should not be holding a long position after ths signal.
		No Trend	The slope of the navy blue line is zero.
APC Signals			
2		When Green	A strong bullish trend exists when this number is over 50
		When Red	A strong bearish trend exists when this number is over 50
3			This is a visual aid for Column 2.
4		Buy	A bullish APC signal exists. Check parent strength and Column 7 for conflicts.
		Sell	A bearish APC signal exists. Check parent strength and Column 7 for conflicts.
		Weak Buy	A bullish APC signal exists. Check parent strength and Column 7 for conflicts.
		Weak Sell	A bearish APC signal exists. Check parent strength and Column 7 for conflicts.
		No Signal	No APC signal exists. Check Column 2 to see current trend strength.
Support and Resistance Signals			
5		Strong Buy	Price is in the solid green wedge, and above the purple line.
		Strong Sell	Price is in the solid red wedge, and below the purple line.
		Buy	Price is in the solid green wedge. Check chart for conflicts.
		Sell	Price is in the solid red wedge. Check chart for conflicts.
		No Signal	
6		Support Below	Downward price movement is blocked, unless price closes below the floor.
		Resistnc Above	Upward price movement is blocked, unless price closes above the ceiling.
		Sandwich	Price will oscillate tward a position between the horizontal lines.
		Neutral	Price can move up or down until it collides with the ceiling or floor.
Position of Price in APC Channel			
7		C:	The number of ticks until the ceiling is hit, if price moves up or sideways.
		F:	The number of ticks until the floor is hit, if price moves down or sideways.
8			This is a visual aid for Column 7.
FAN Signals			
12		Buy	A bullish FAN signal exists. Check Columns 5 and 6 for conflicts.
		Sell	A bearish FAN signal exists. Check Columns 5 and 6 for conflicts.
		Sell	A bullish FAN signal has recently ended due to exhaustion.
		Buy	A bearish FAN signal has recently ended due to exhaustion.
		No Signal	No FAN signal exists
Links to Comparison Charts			
13			Links to the various Comparison charts.
Over-Bought Over-Sold Signals			
15		Strong Buy	Price is on the floor, and price tick on OBOS is green (bullish)
		Strong Sell	Price is on the ceiling, and price tick on OBOS is red (bearish)
		Buy	Price is on the floor
		Sell	Price is on the ceiling
		Weak Buy	Price is Over-Sold and volatility is low (price tick is green)
		Weak Sell	Price is Over-Bought and volatility is high (price tick is red)

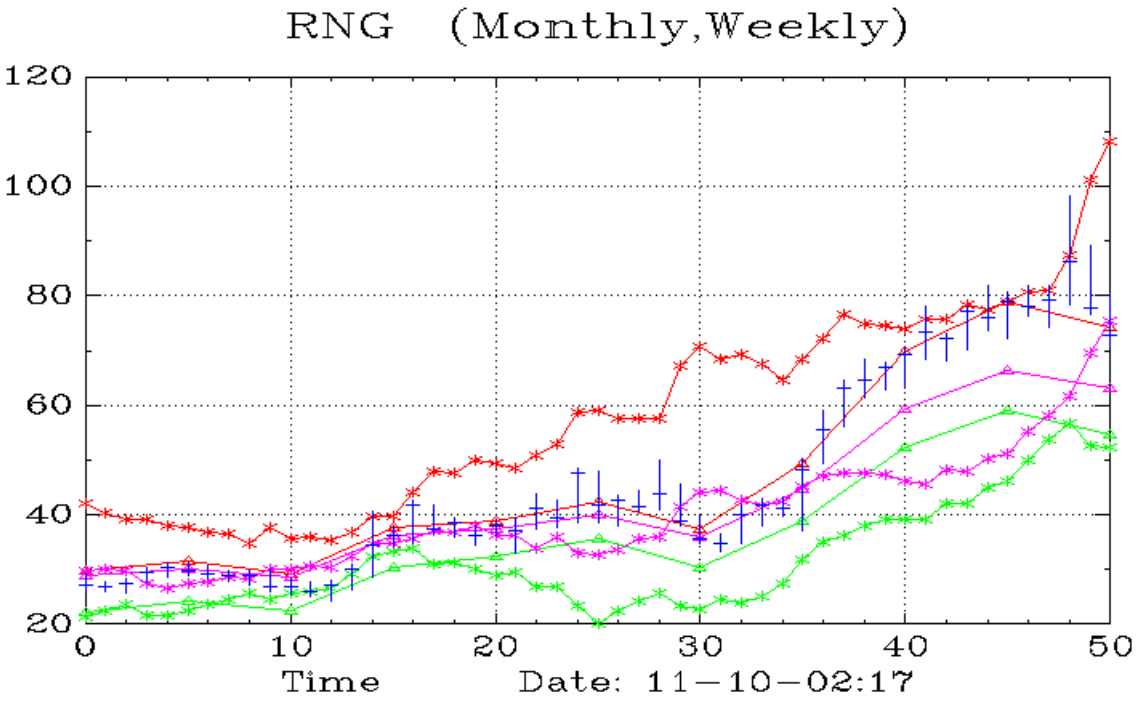
		Buy	Price is Over-Bought but volatility is low (price tick is green)
		Sell	Price is Over-Sold but volatility is high (price tick is red)
Over-Bought Over-Sold Colors			
16		Green	The price tick is colored green. (bullish)
		Red	The price tick is colored red. (bearish)
		Green	Stronger bullish signal.
		Red	Stronger bearish signal.

RNG Bootstrap



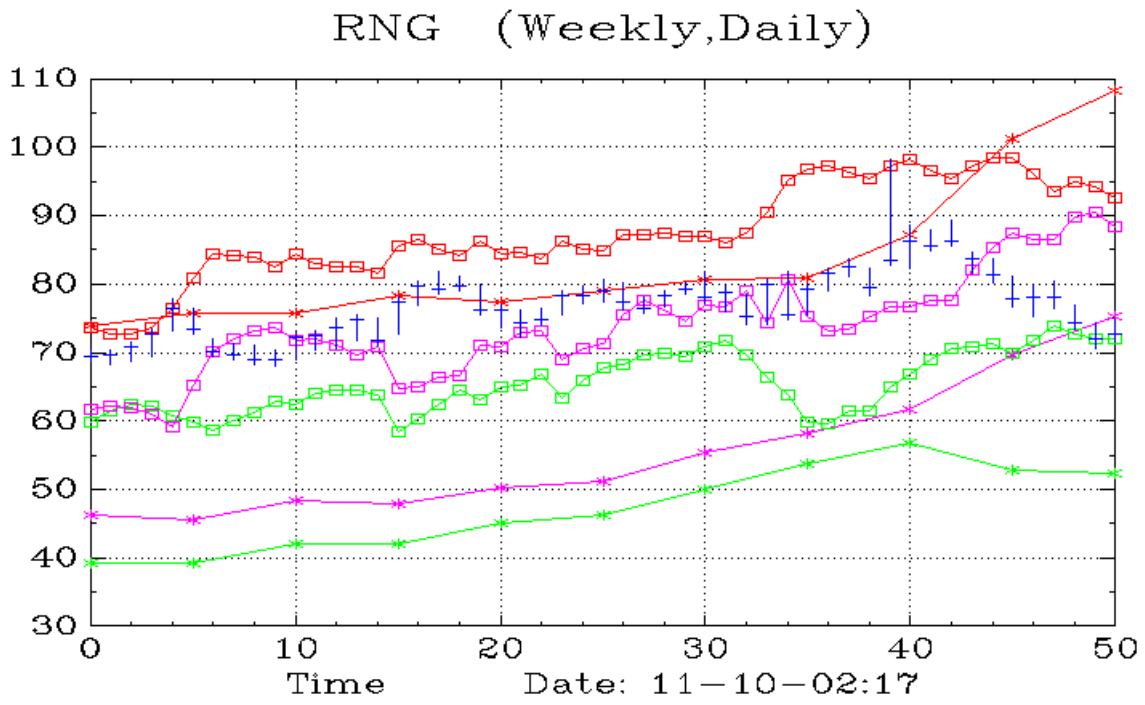
RNG APC Comparison for Monthly, Weekly

Monthly	APC:		FAN:		VAPI:		
Weekly	APC:		FAN:		VAPI:		
Monthly	Ceiling: 4	Floor: 10	Eff:				
Weekly	Ceiling: 50	Floor: 5	Eff:				
Monthly	R: 74.32	P: 72.80	G: 54.63	P: 63.24			
Weekly	R: 108.23	P: 72.80	G: 52.30	P: 75.27			



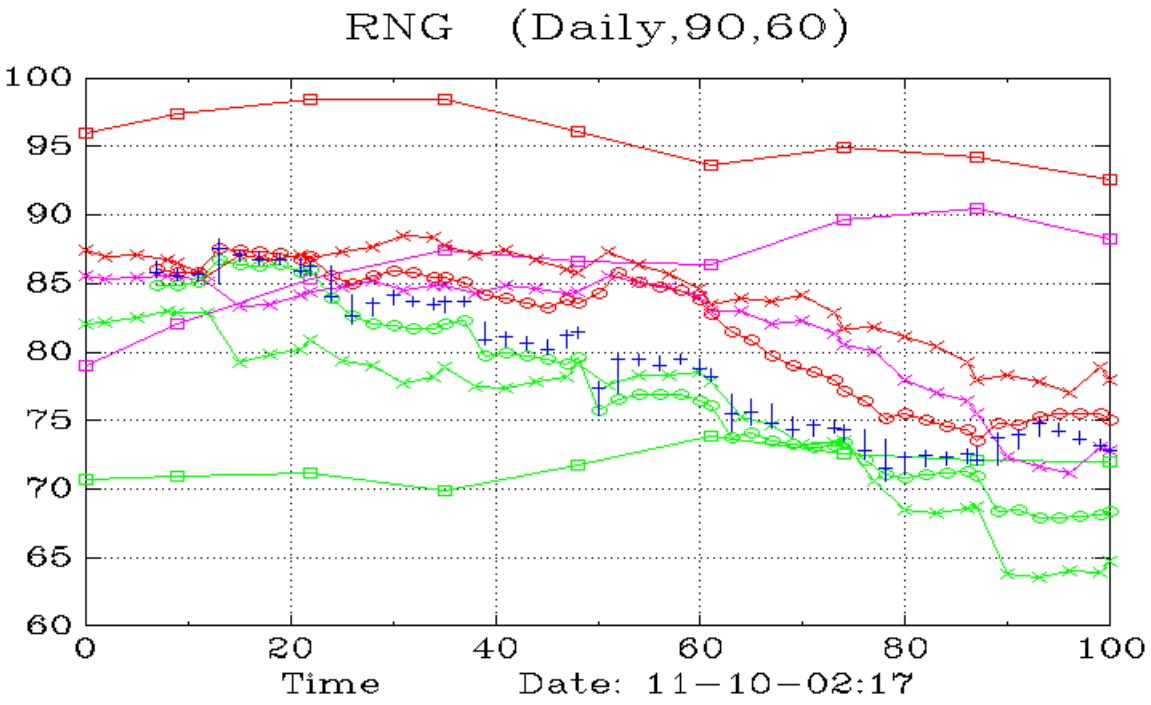
RNG APC Comparison for Weekly, Daily

Weekly APC: FAN: VAPI:	Daily APC: FAN: VAPI:
Weekly Ceiling: 50 Floor: 5 Eff:	Daily Ceiling: 9 Floor: 1 Eff:
Weekly R: 108.23 P: 72.80 G: 52.30 P: 75.27	Daily R: 92.59 P: 72.80 G: 72.02 P: 88.27

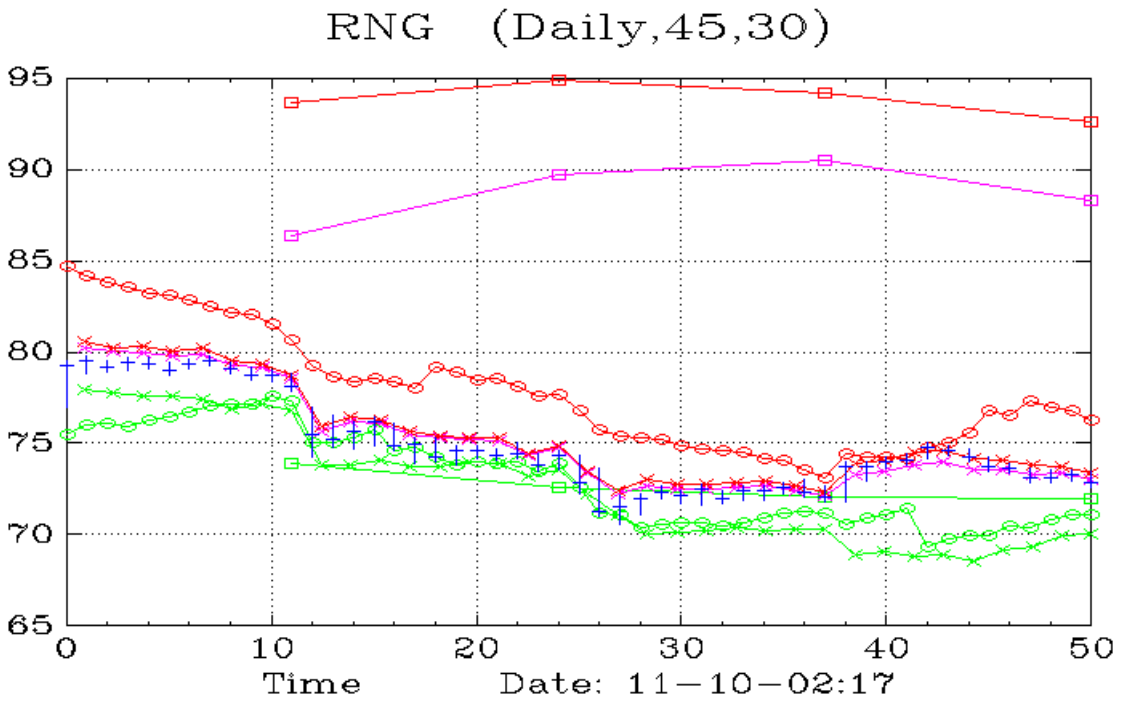


RNG APC Comparison for Daily, 90, 60

Daily APC: FAN: VAPI:	
Daily Ceiling: 9 Floor: 1 Eff:	Daily R: 92.59 P: 72.80 G: 72.02 P: 88.27
90 APC: FAN: VAPI:	60 APC: FAN: VAPI:
90 Ceiling: 6 Floor: 8 Eff:	60 Ceiling: 10 Floor: 7 Eff:
90 R: 77.91 P: 72.83 G: 64.69 P: 72.81	60 R: 75.02 P: 72.83 G: 68.38 P: 72.87

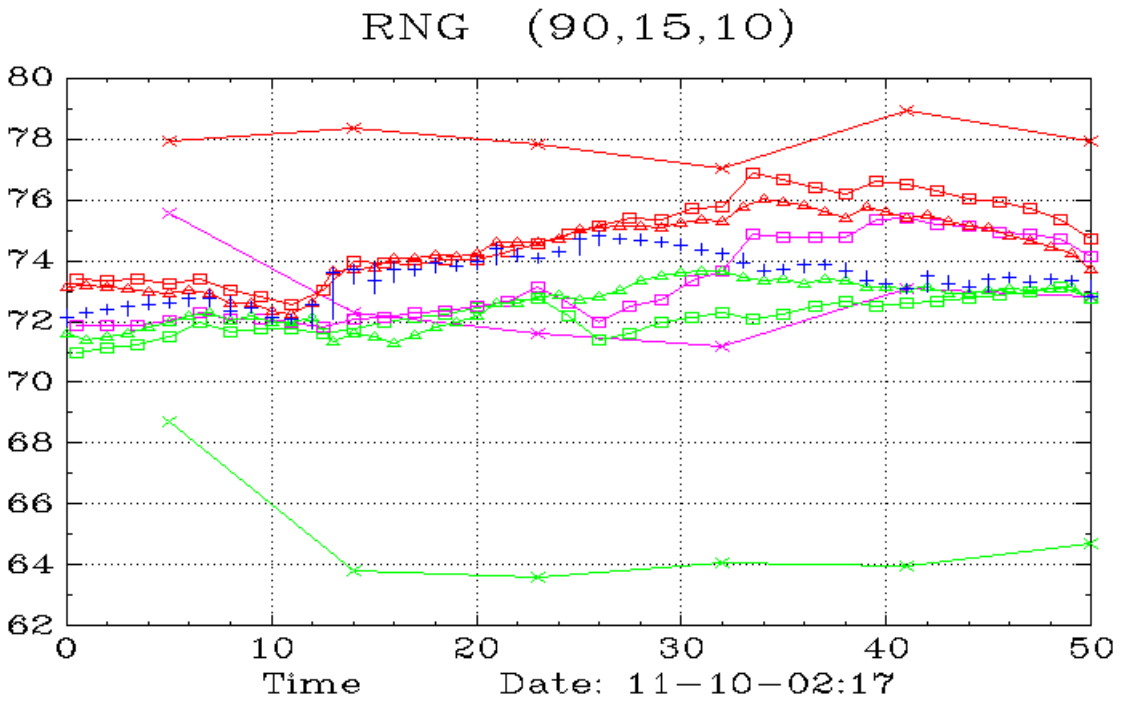


RNG APC Comparison for Daily, 45, 30	
Daily APC: FAN: VAPI:	
Daily Ceiling: 9 Floor: 1 Eff:	Daily R: 92.59 P: 72.80 G: 72.02 P: 88.27
45 APC: FAN: VAPI:	30 APC: FAN: VAPI:
45 Ceiling: 10 Floor: 5 Eff:	30 Ceiling: 36 Floor: 4 Eff:
45 R: 73.35 P: 72.83 G: 70.07 P: 73.00	30 R: 76.24 P: 72.83 G: 71.12 P: 74.43

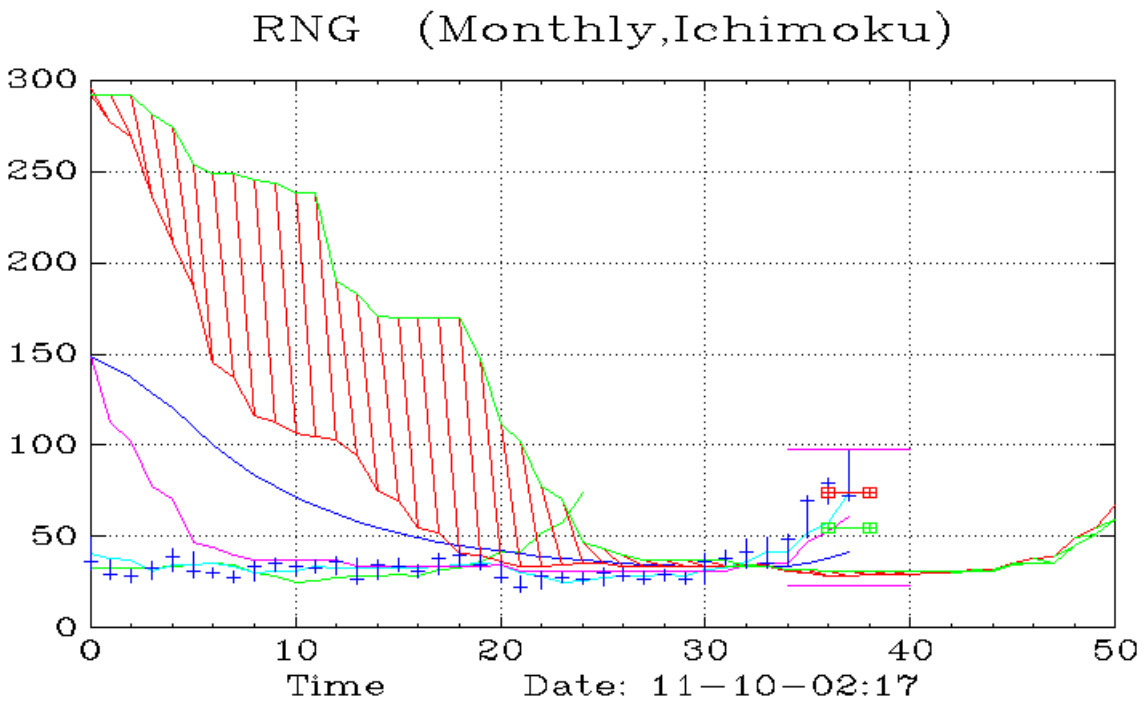


RNG APC Comparison for 90, 15, 10

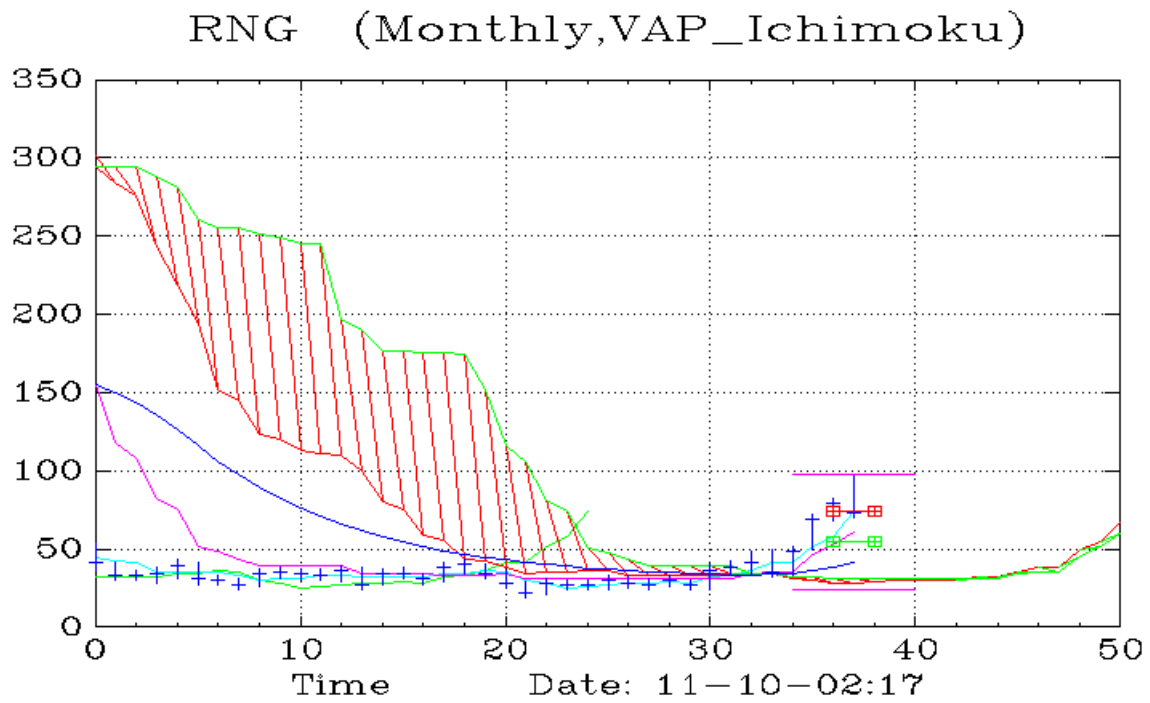
90 APC: FAN: VAPI:	
90 Ceiling: 6 Floor: 8 Eff:	90 R: 77.91 P: 72.83 G: 64.69 P: 72.81
15 APC: FAN: VAPI:	10 APC: FAN: VAPI:
15 Ceiling: 5 Floor: 1 Eff:	10 Ceiling: 4 Floor: 2 Eff:
15 R: 74.71 P: 72.83 G: 72.75 P: 74.15	10 R: 73.71 P: 72.83 G: 72.73 P: 73.16



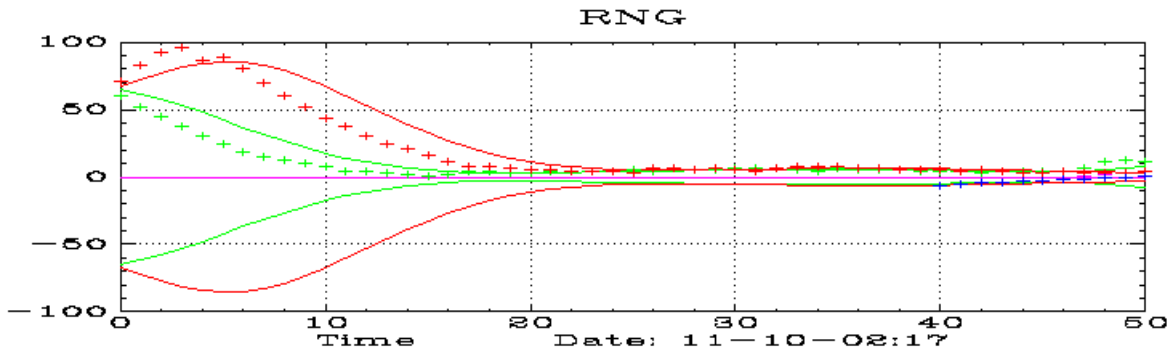
RNG : RingCentral, Inc. (Monthly)		
RNG Ichimoku Cloud for Monthly	RNG High: 98.14	
	RNG Stop: 23.59	
RNG: Red:28.56 Green:31.39 Pink:60.87 Aqua:73.84	C: 4	F: 10



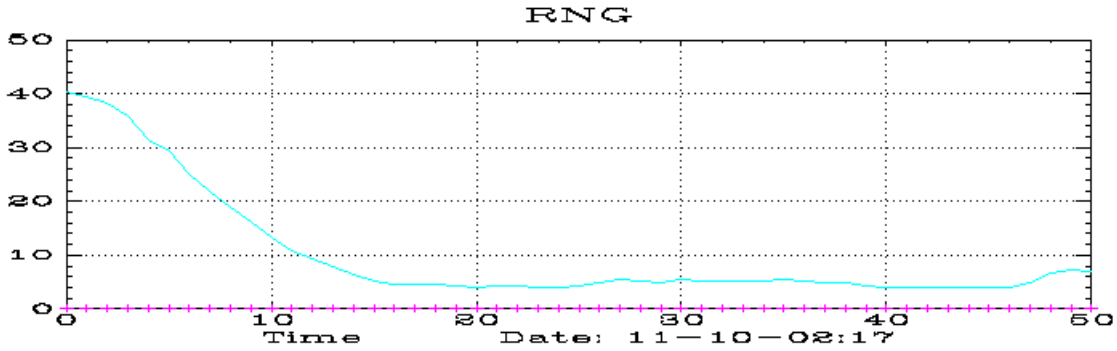
RNG VAP Ichimoku Cloud for Monthly		Parent is Monthly	
Ichi: Red:28.56 Green:31.39 Pink:60.87 Aqua:73.84			
Monthly R: 74.32 P: 72.80 G: 54.63 P: 63.24			
Monthly APC: FAN: VAPI: OBOS: VAP:		C: 4	F: 10



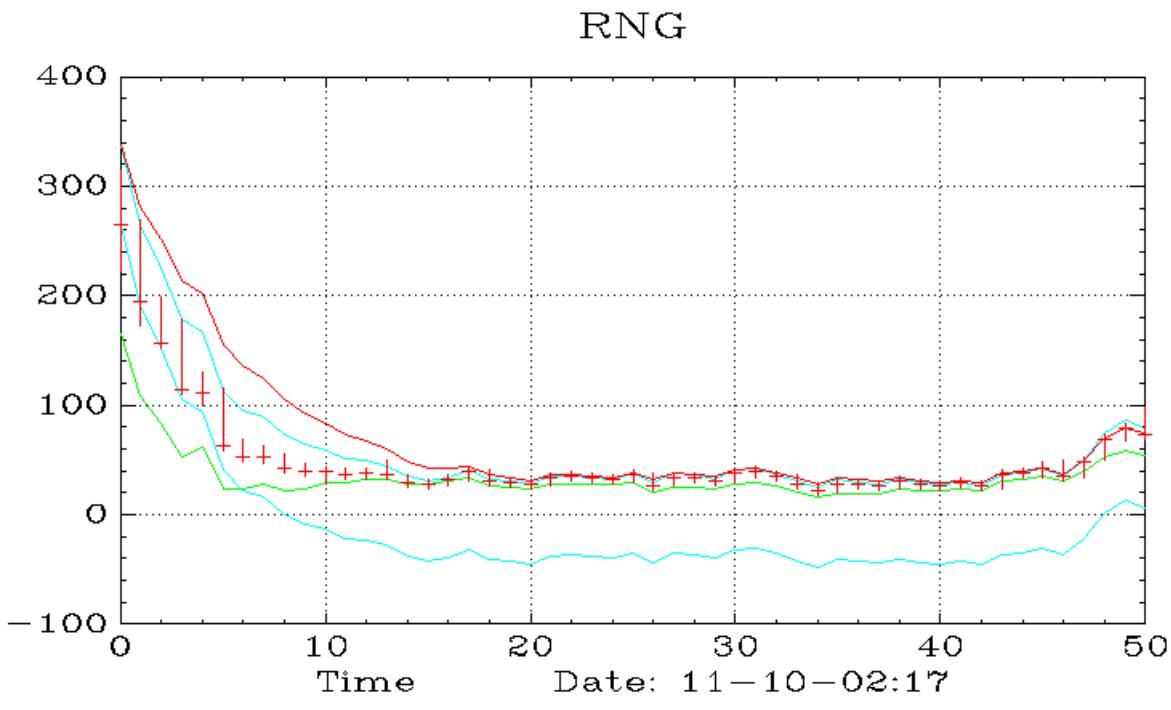
RNG Prevailing Market Direction for Monthly	Pmd Up 0.39
-2.17 -1.64 -0.92 -0.17 0.39	TsrVal -0.12



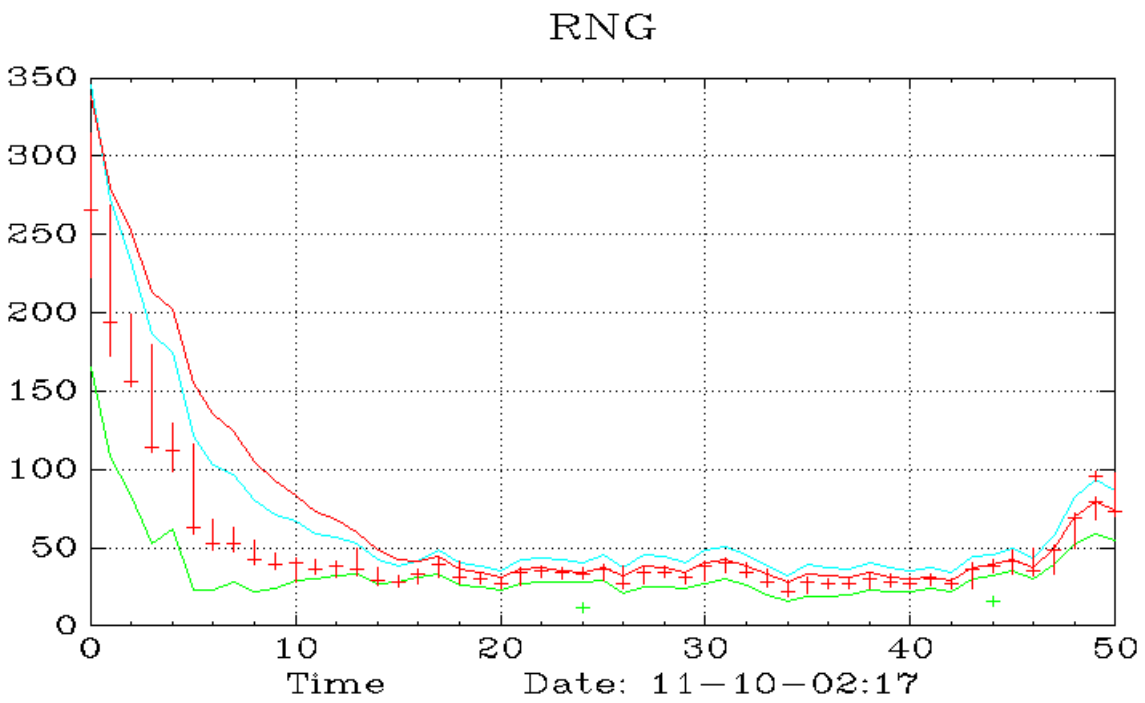
RNG Efficiency Chart for Monthly



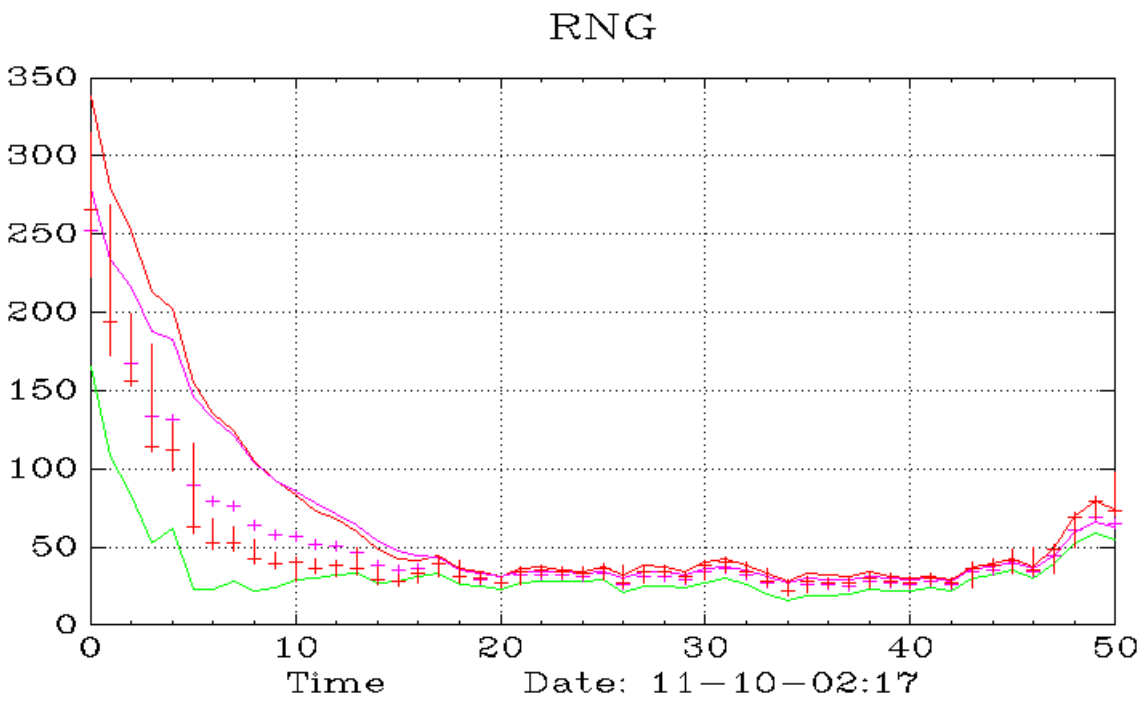
RNG Exhaustion Chart for Monthly



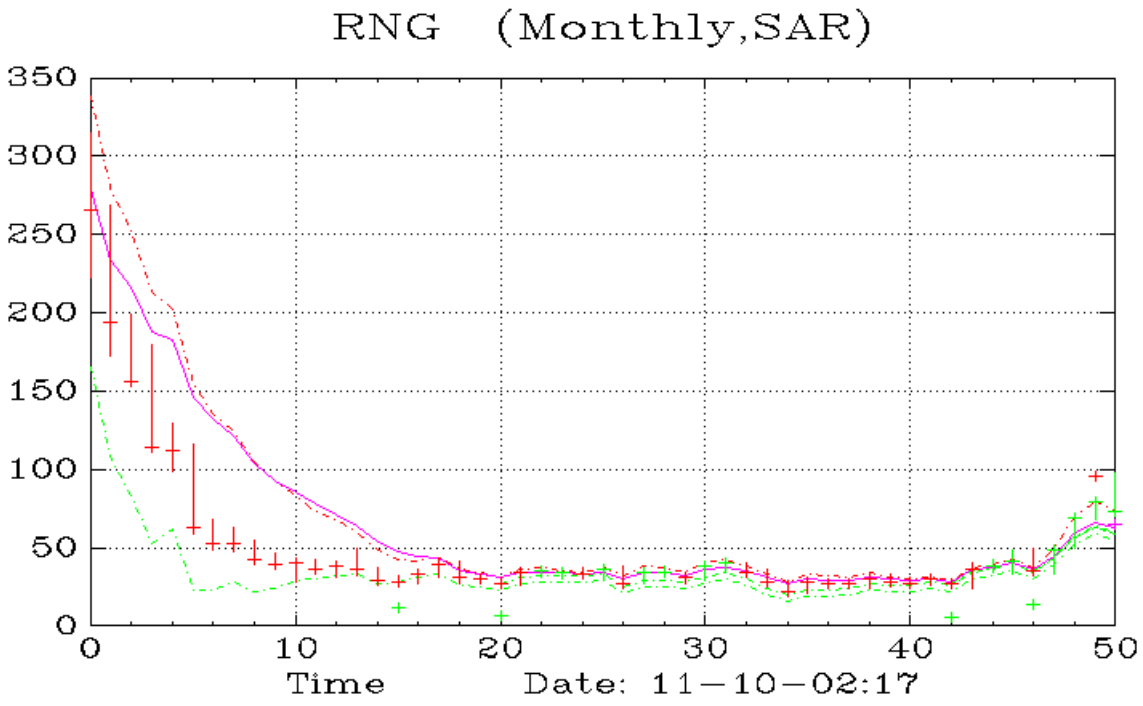
RNG CS Chart for Monthly



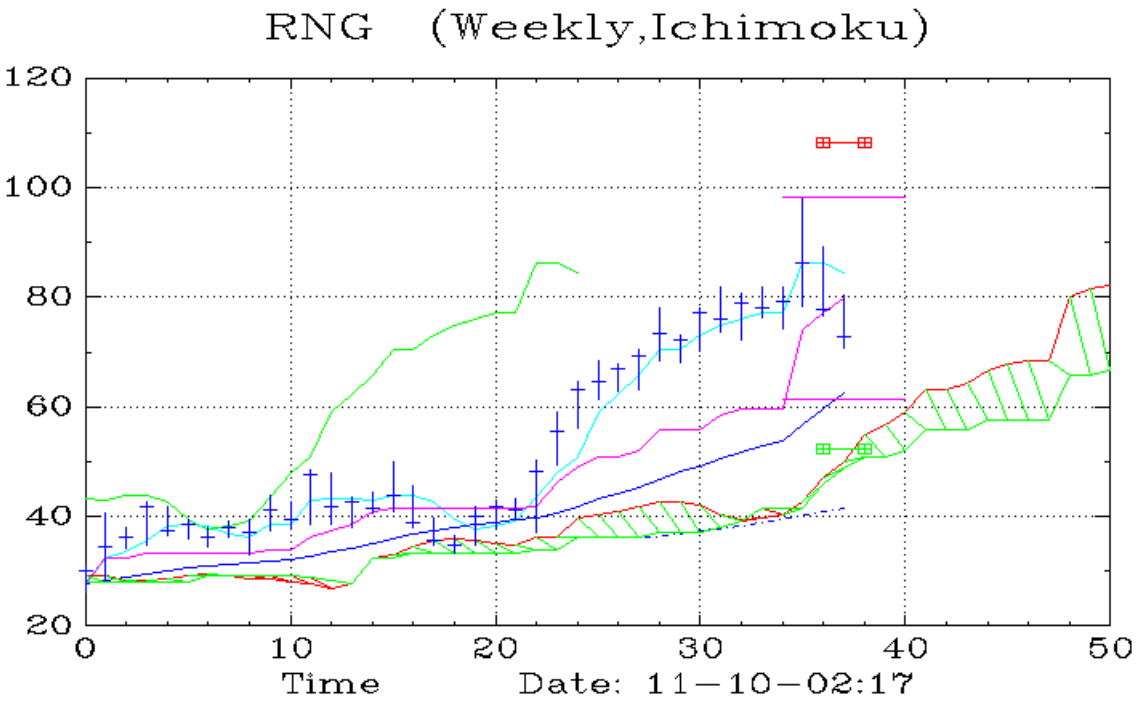
RNG Adaptive Price Channel (APC) for Monthly		Parent is Monthly
Red: 74.32 Price: 72.80 Green: 54.63 Purple: 63.24		APC: 12
Monthly APC: FAN: VAPI: OBOS: VAP:	C: 4	F: 10
Monthly Ppl Plus: 64.48 Monthly Ppl Plus: 64.48		



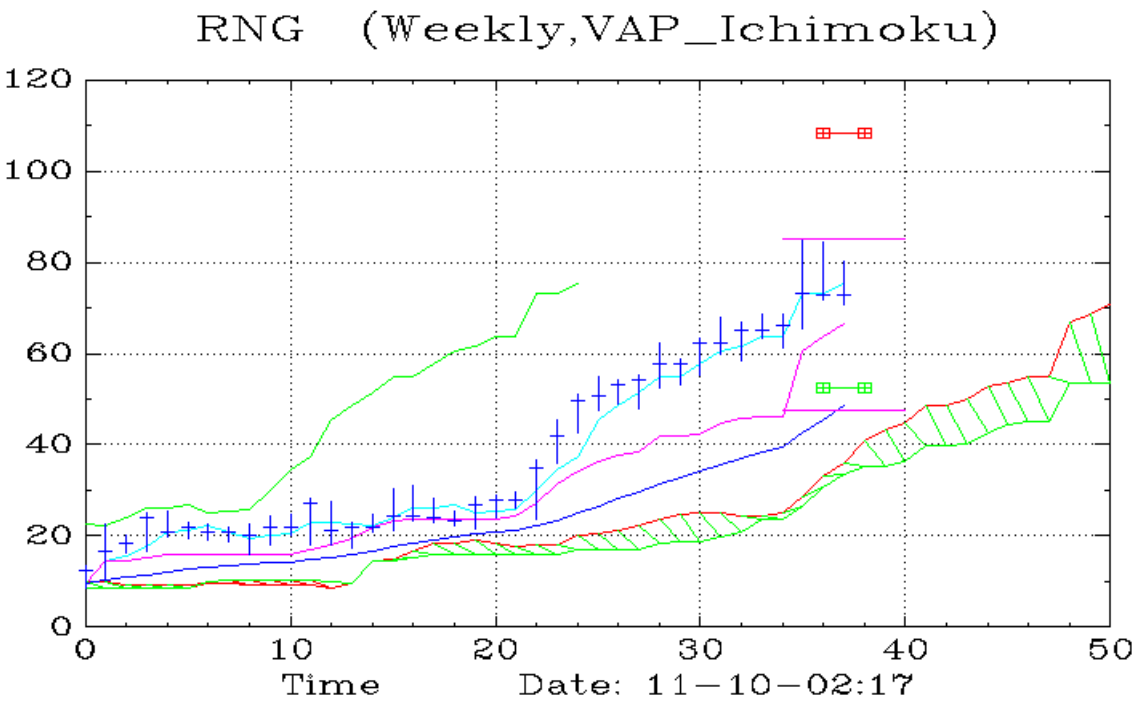
RNG Support and Resistance Levels for Monthly	R: 1	G: 4
McGuffin Signal: McGuffin Scaling: off	VAPI: 78	
Red: 74.32 Price: 72.80 Green: 54.63 Purple: 63.24	APC: 12	
Monthly APC: FAN: VAPI: OBOS: VAP:	C: 4	F: 10



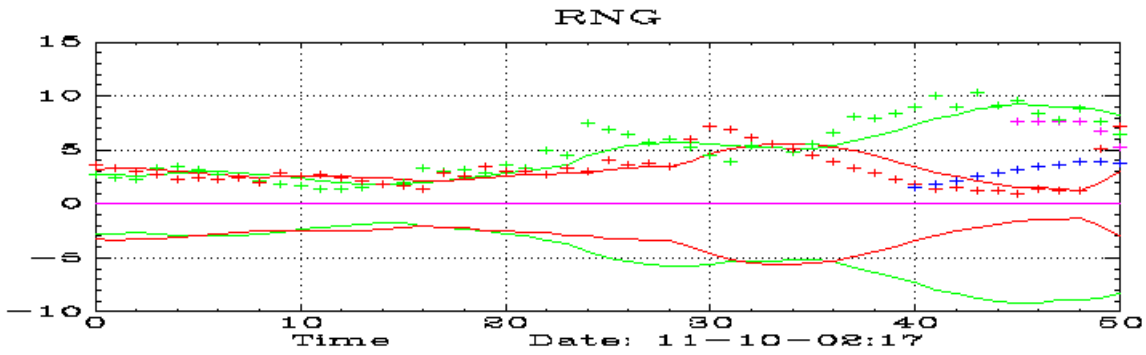
RNG : RingCentral, Inc. (Weekly)		
RNG Ichimoku Cloud for Weekly	RNG High: 98.14	
	RNG Stop: 61.34	
RNG: Red:49.97 Green:48.87 Pink:79.74 Aqua:84.38	C: 50	F: 5



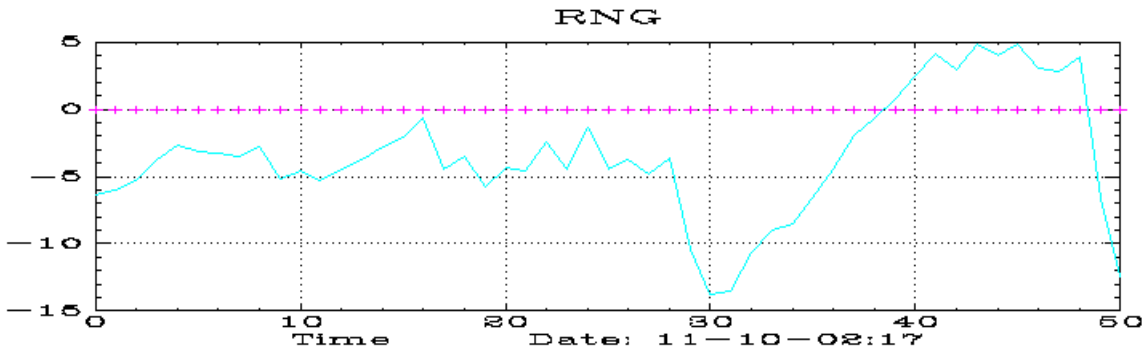
RNG VAP Ichimoku Cloud for Weekly	Parent is Monthly	
Ichi: Red:35.83 Green:33.60 Pink:66.42 Aqua:75.26		
Weekly R: 108.23 P: 72.80 G: 52.30 P: 75.27		
Weekly APC: FAN: VAPI: OBOS: VAP:	C: 50	F: 5



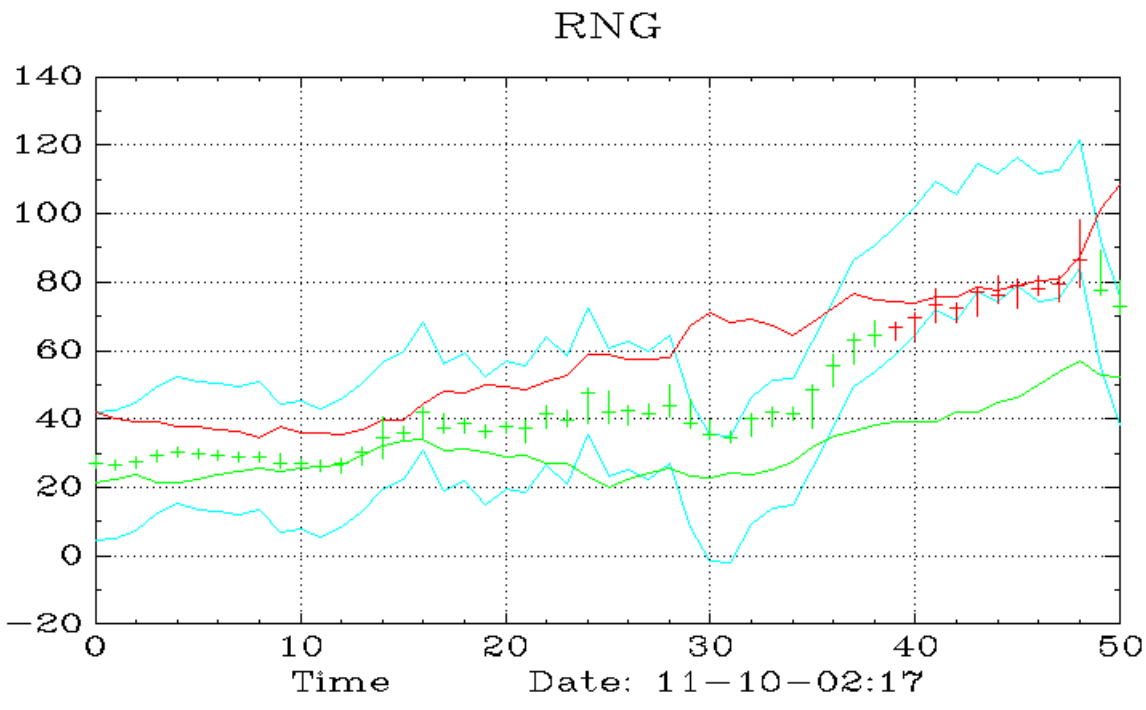
RNG Prevailing Market Direction for Weekly	Pmd Up 3.78
3.47 3.68 3.94 3.94 3.78	TsrVal 3.14



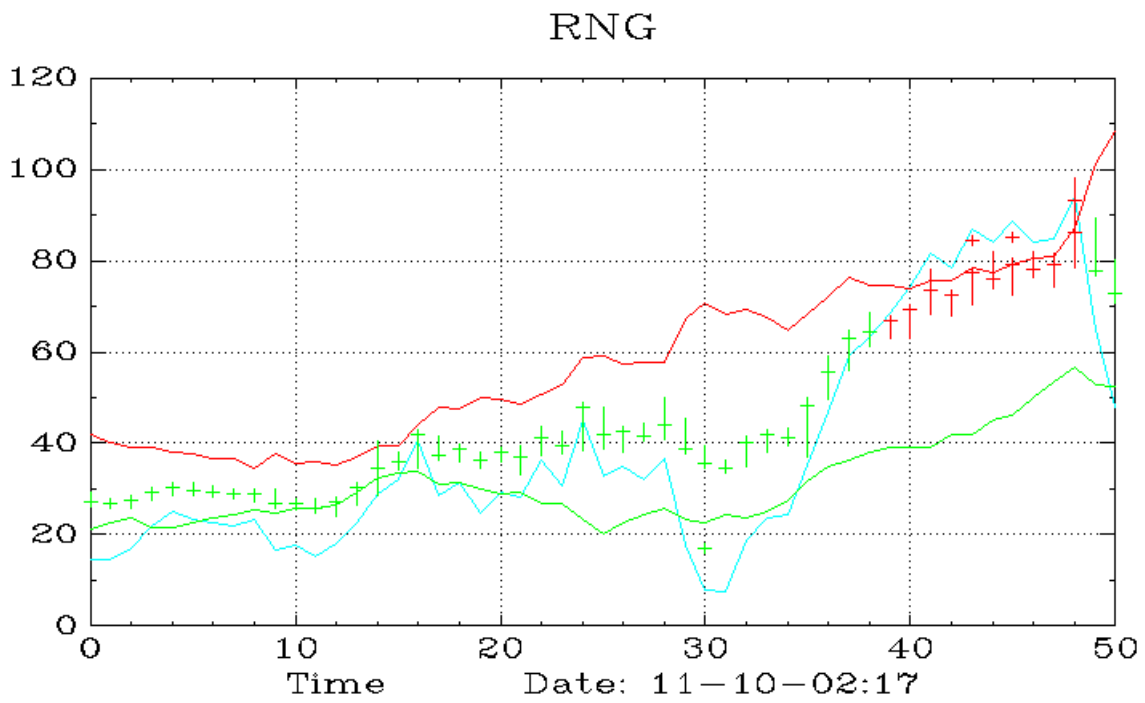
RNG Efficiency Chart for Weekly



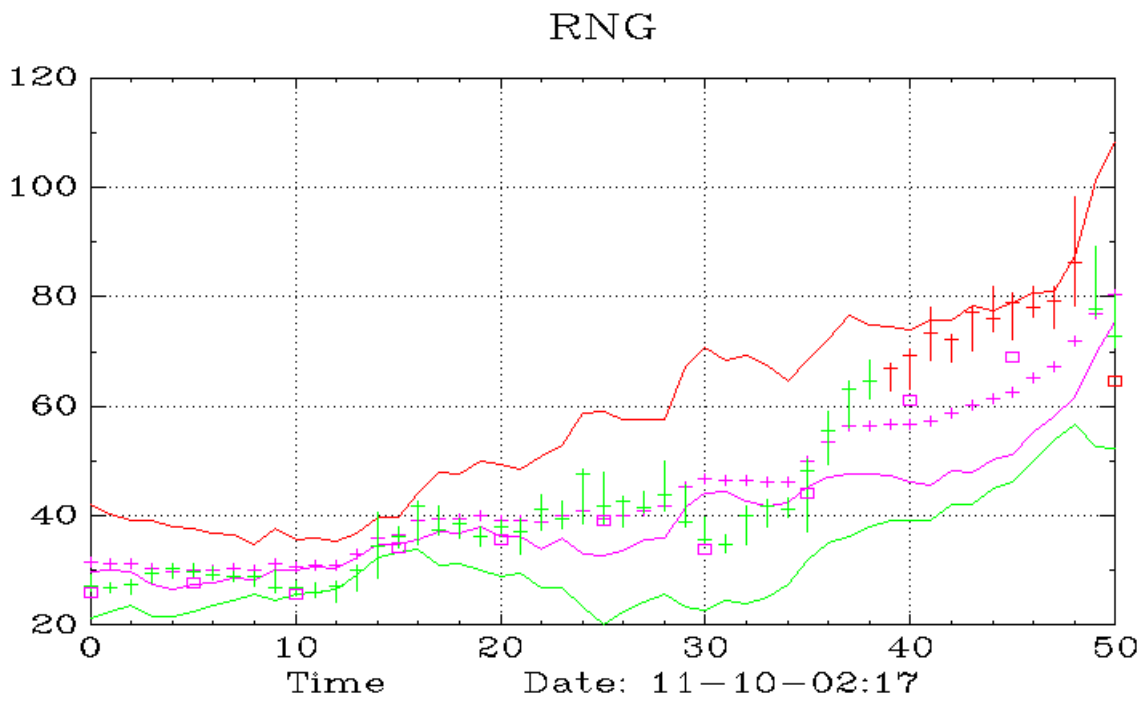
RNG Exhaustion Chart for Weekly



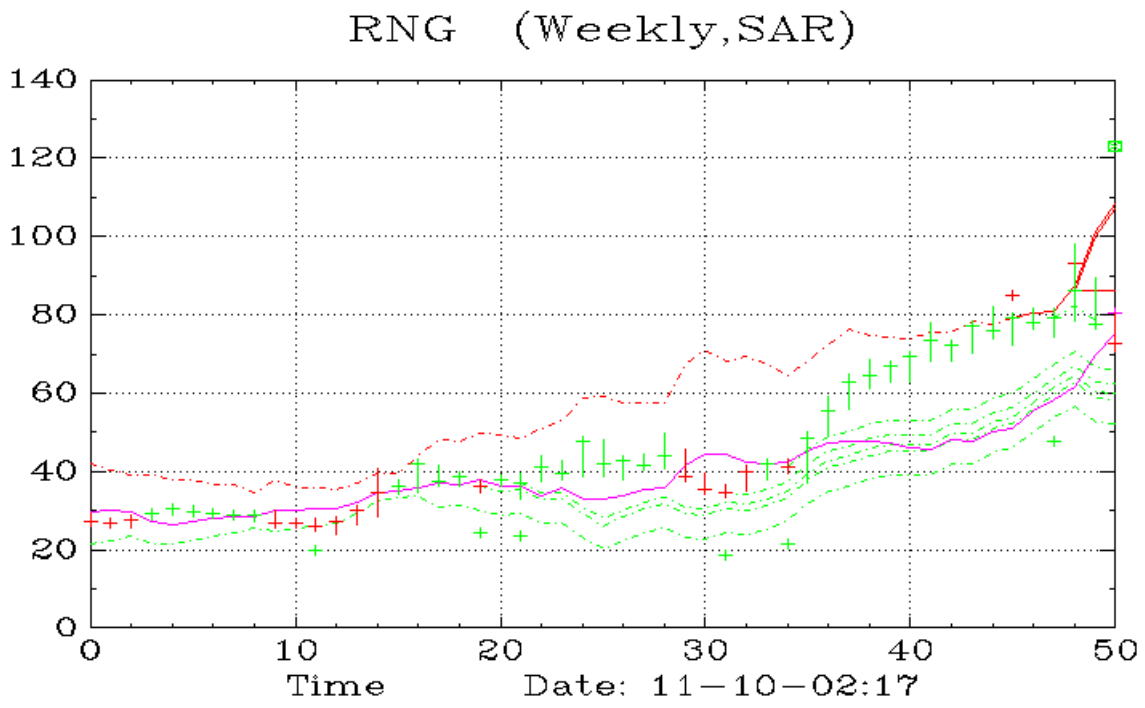
RNG CS Chart for Weekly



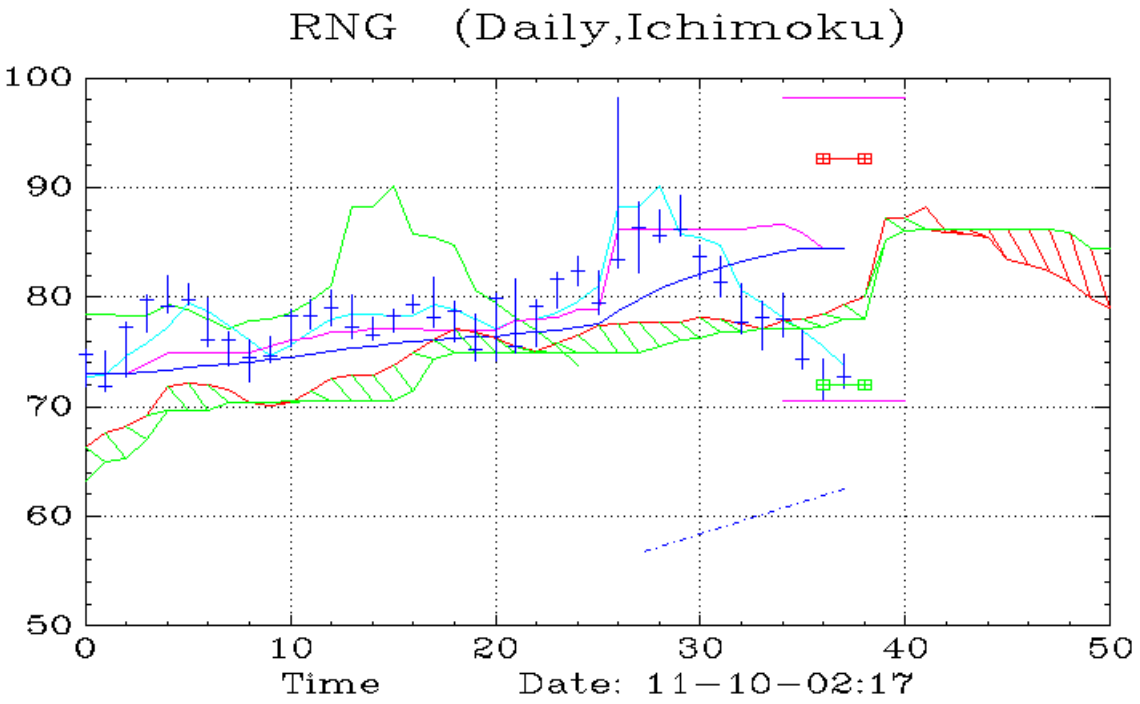
RNG Adaptive Price Channel (APC) for Weekly		Parent is Monthly	
Red: 108.23 Price: 72.80 Green: 52.30 Purple: 75.27		APC: 17	
Weekly APC: FAN: VAPI: OBOS: VAP:		C: 50	F: 5
Monthly Ppl Plus: 64.48 Weekly Ppl Plus: 80.27			



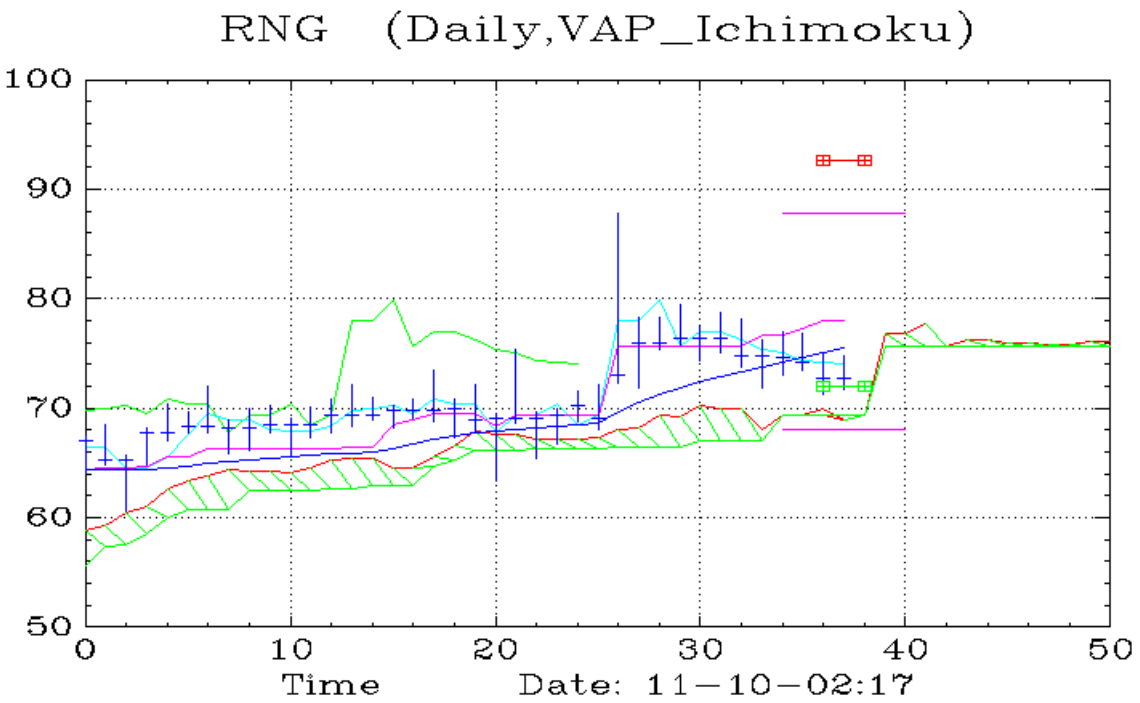
RNG Support and Resistance Levels for Weekly	R: 2	G: 5
McGuffin Signal: McGuffin Scaling: off	VAPI: 56	
Red: 108.23 Price: 72.80 Green: 52.30 Purple: 75.27	APC: 17	
Weekly APC: FAN: VAPI: OBOS: VAP:	C: 50	F: 5



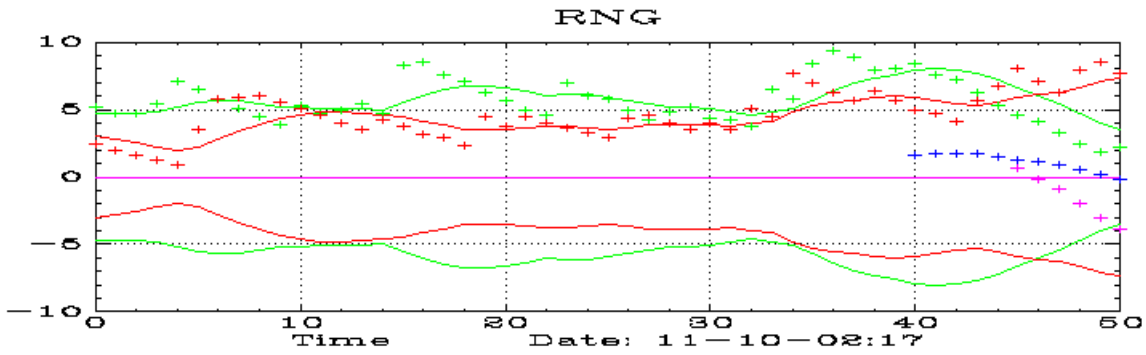
RNG : RingCentral, Inc. (Daily)		
RNG Ichimoku Cloud for Daily	RNG High: 98.14	
	RNG Stop: 70.61	
RNG: Red:79.28 Green:78.00 Pink:84.38 Aqua:73.78	C: 9	F: 1



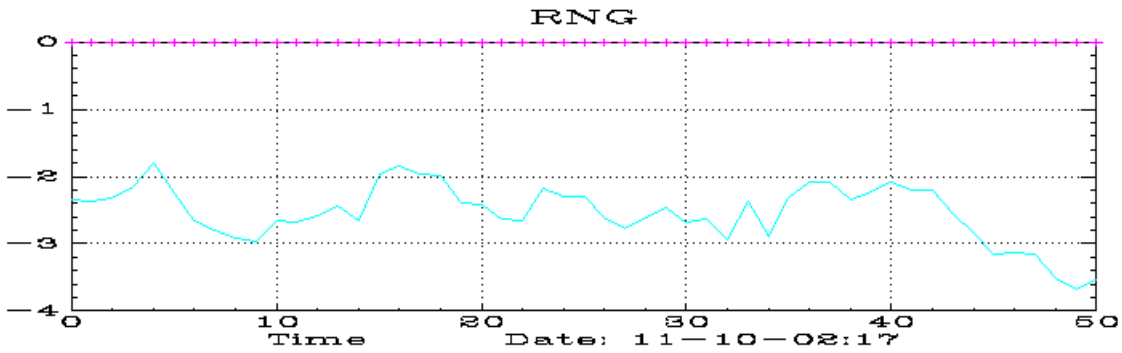
RNG VAP Ichimoku Cloud for Daily	Parent is Weekly	
Ichi: Red:68.93 Green:69.36 Pink:77.97 Aqua:74.09		
Daily R: 92.59 P: 72.80 G: 72.02 P: 88.27		
Daily APC: FAN: VAPI: OBOS: VAP:	C: 9	F: 1



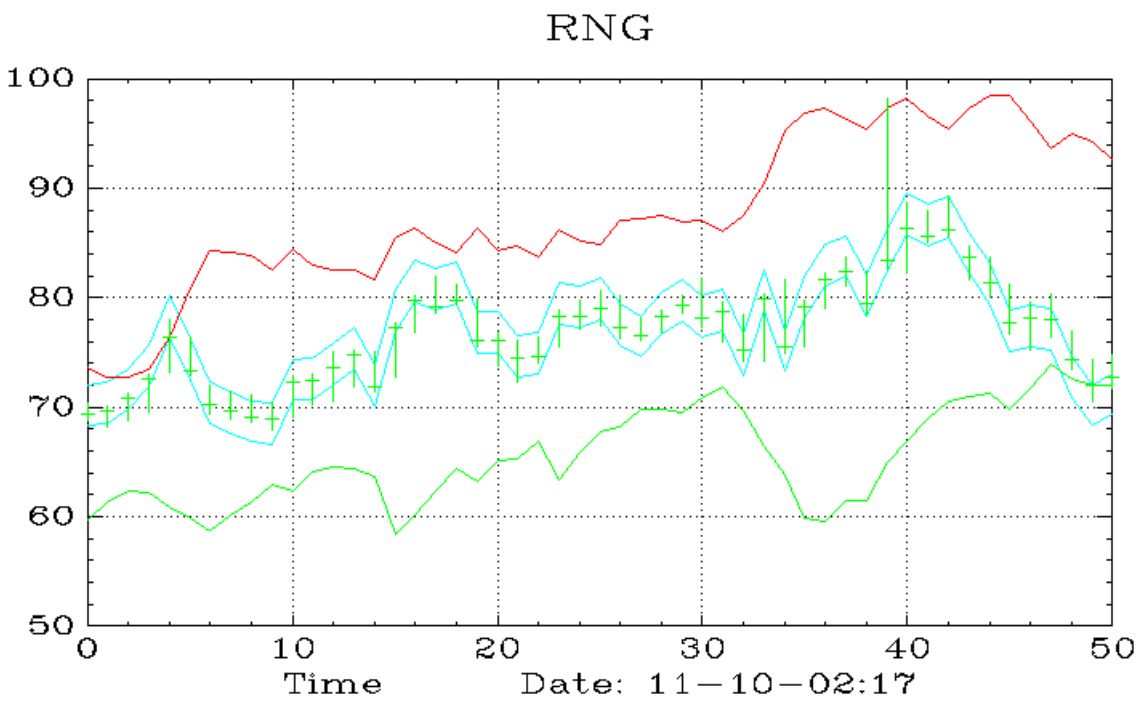
RNG Prevailing Market Direction for Daily	Pmd Down -0.13
1.09 0.89 0.56 0.19 -0.13	TsrVal -0.02



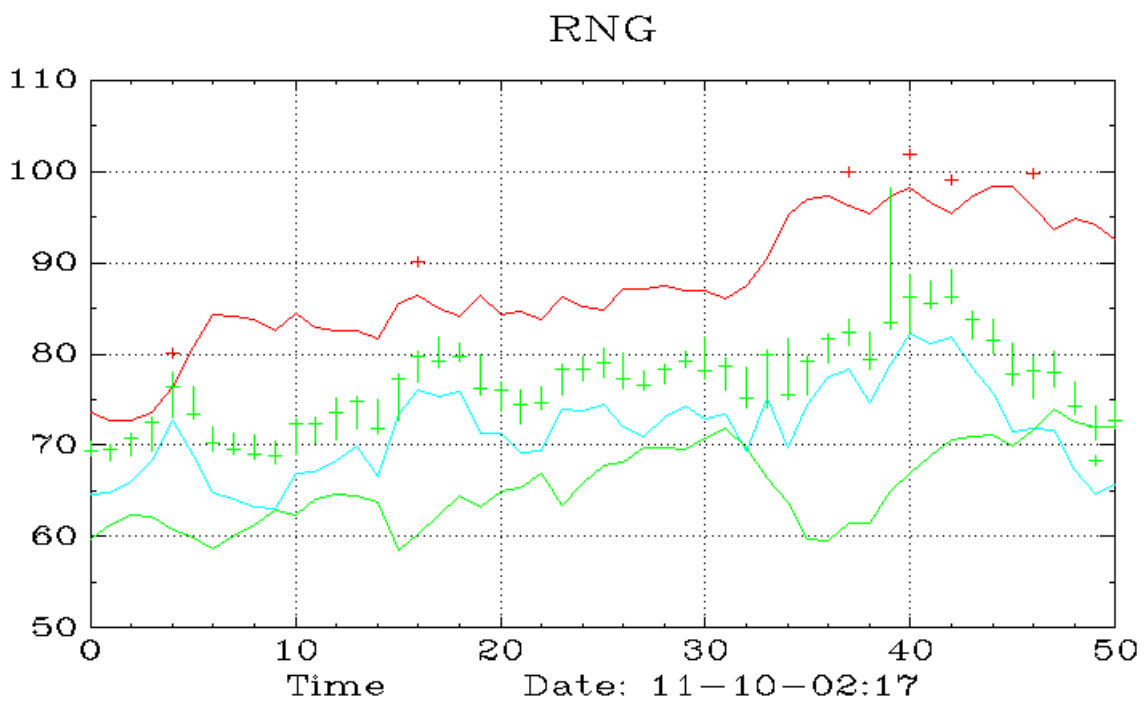
RNG Efficiency Chart for Daily



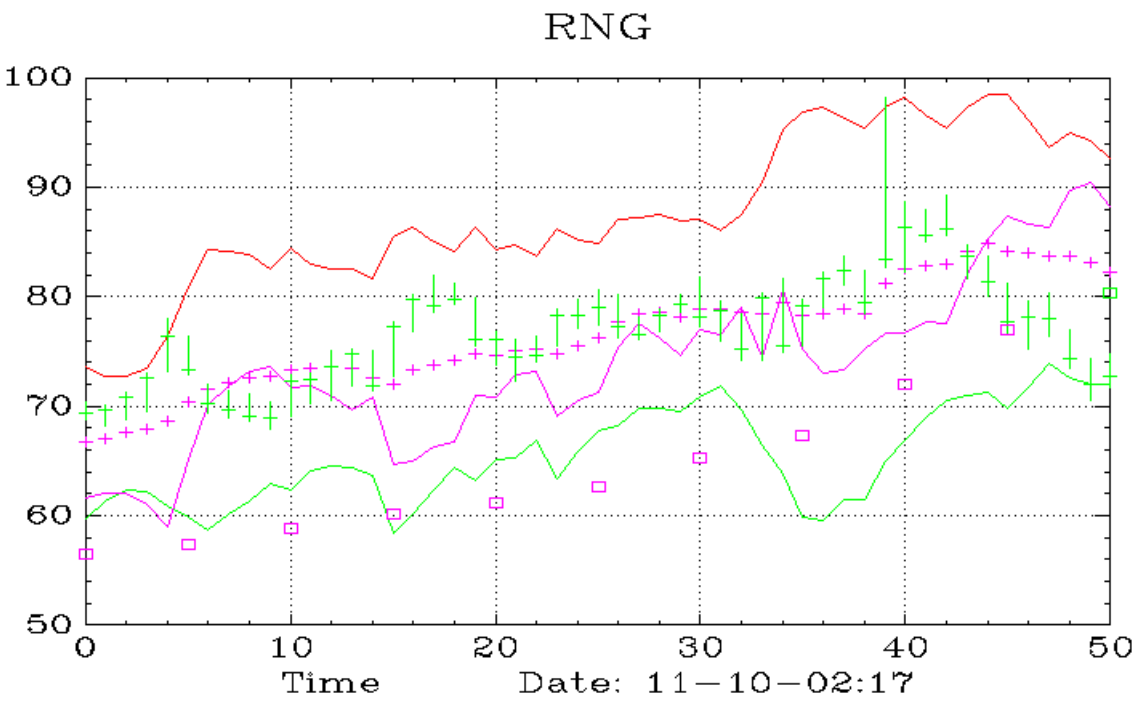
RNG Exhaustion Chart for Daily



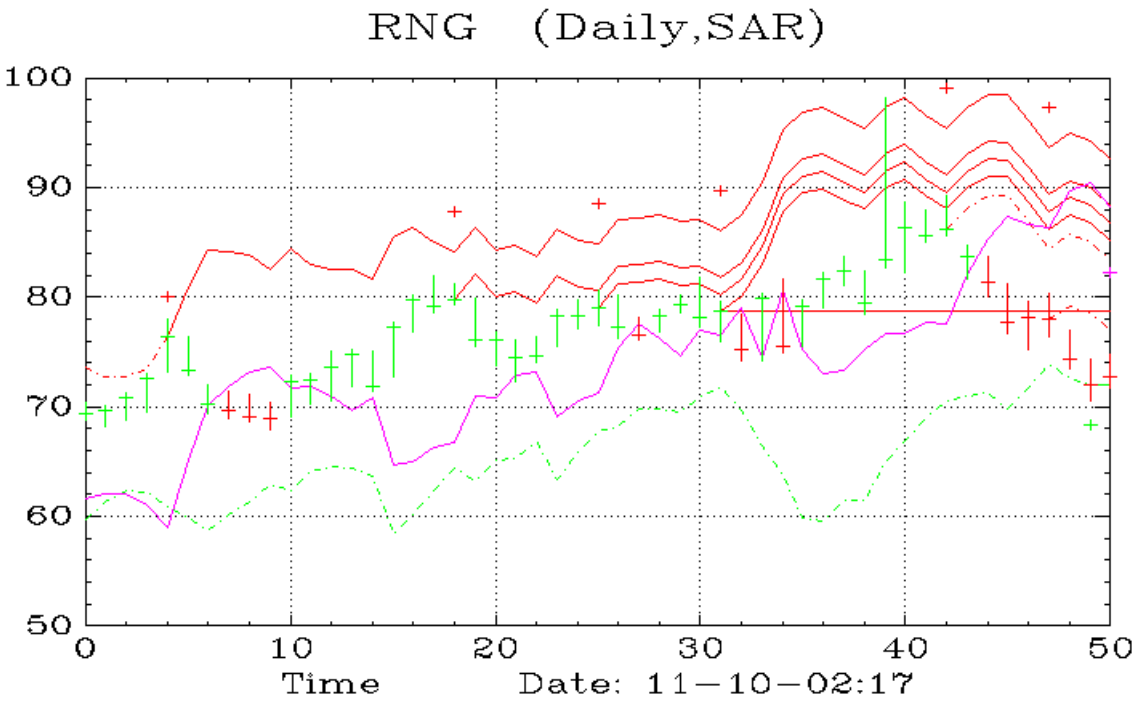
RNG CS Chart for Daily



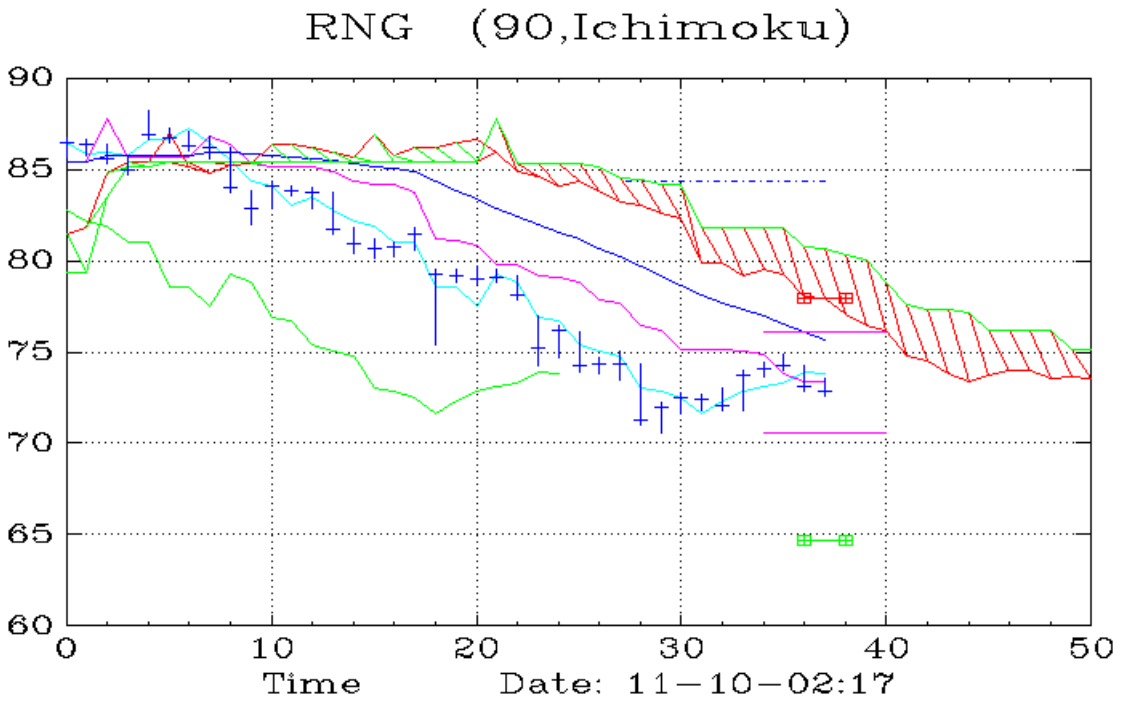
RNG Adaptive Price Channel (APC) for Daily		Parent is Weekly
Red: 92.59 Price: 72.80 Green: 72.02 Purple: 88.27		APC: -57
Daily APC: FAN: VAPI: OBOS: VAP:	C: 9	F: 1
Weekly Ppl Plus: 80.27 Daily Ppl Plus: 82.30		



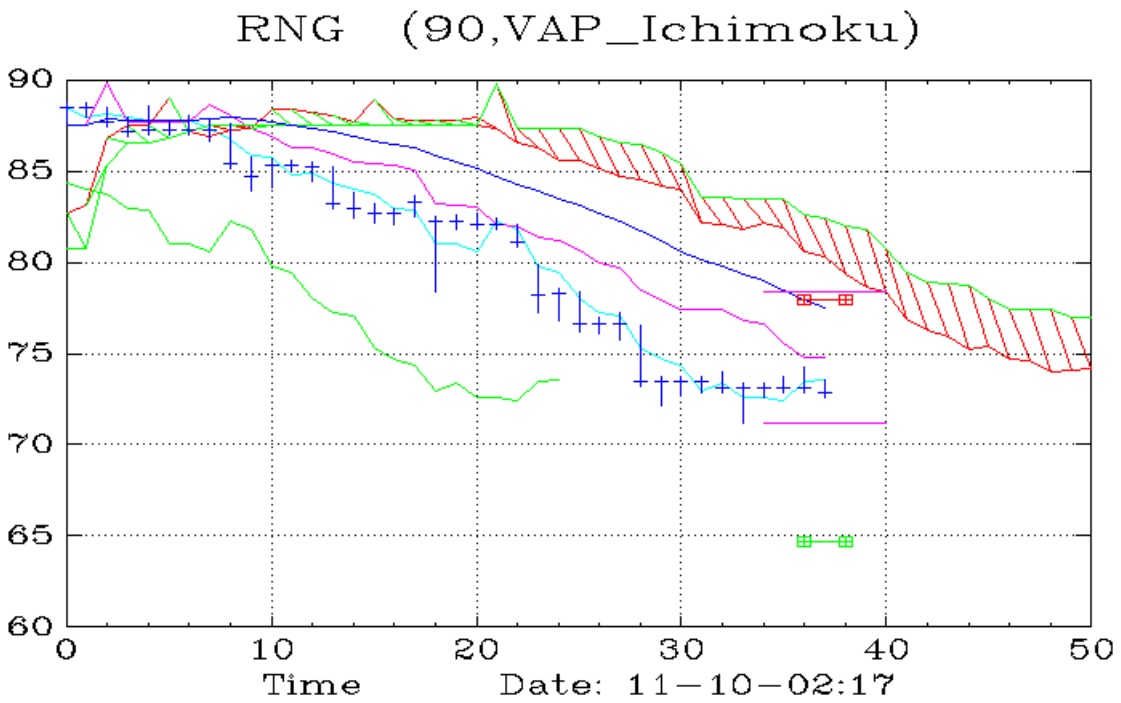
RNG Support and Resistance Levels for Daily	R: 6	G: 1
McGuffin Signal: McGuffin Scaling: off	VAPI: 30	
Red: 92.59 Price: 72.80 Green: 72.02 Purple: 88.27	APC: -57	
Daily APC: FAN: VAPI: OBOS: VAP:	C: 9	F: 1



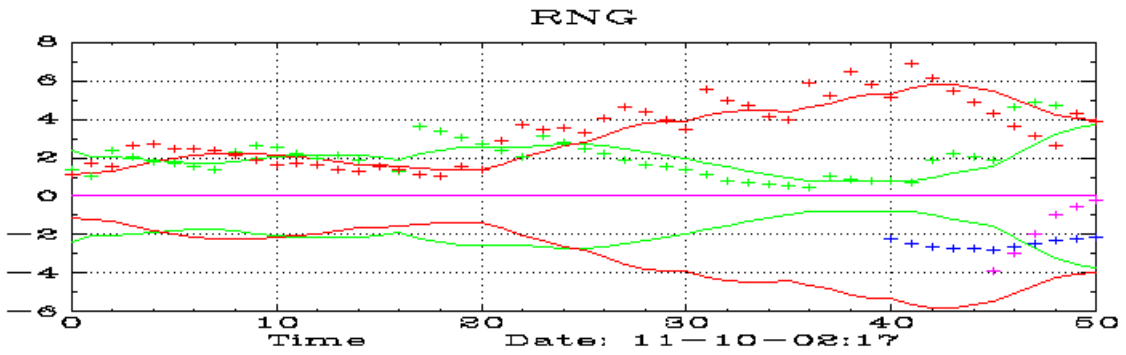
RNG : RingCentral, Inc. (90)		
RNG Ichimoku Cloud for 90	RNG High: 76.09	
	RNG Stop: 70.61	
RNG: Red:77.90 Green:80.64 Pink:73.35 Aqua:73.81	C: 6	F: 8



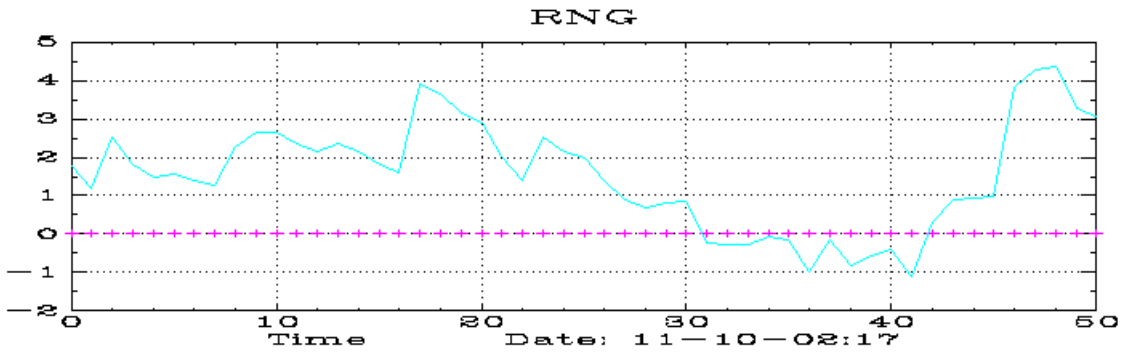
RNG VAP Ichimoku Cloud for 90	Parent is Daily	
Ichi: Red:80.30 Green:82.40 Pink:74.78 Aqua:73.51		
90 R: 77.91 P: 72.83 G: 64.69 P: 72.81		
90 APC: FAN: VAPI: OBOS: VAP:	C: 6	F: 8



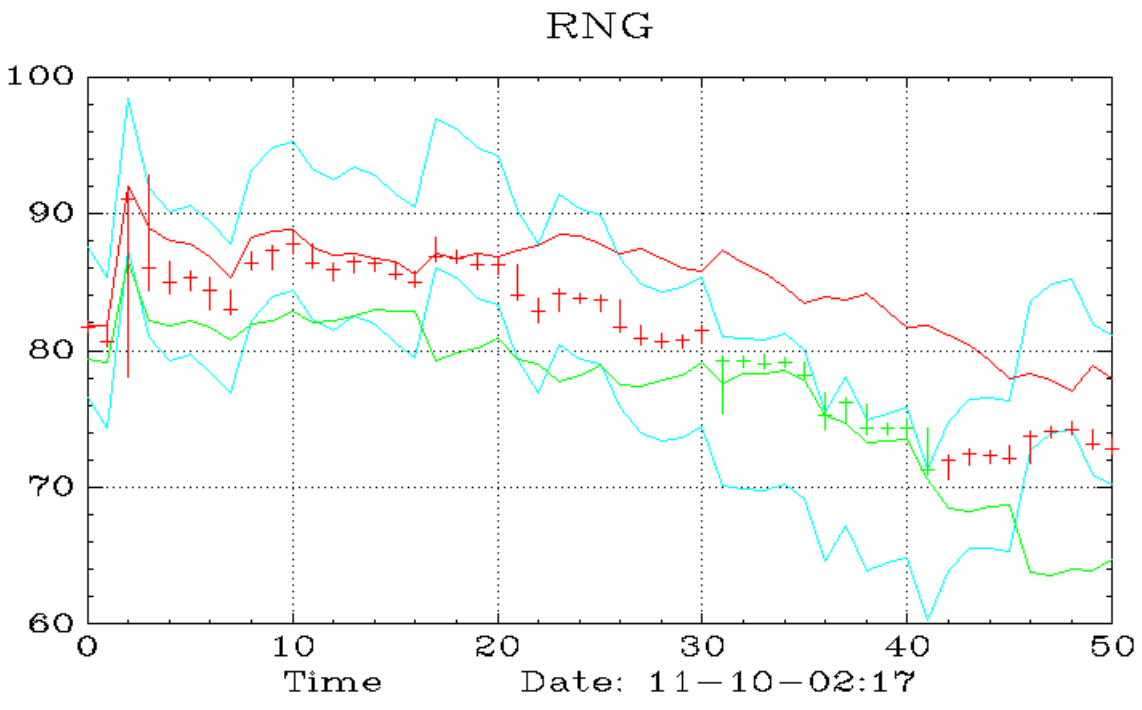
RNG Prevailing Market Direction for 90	Pmd Down -2.14
-2.65 -2.48 -2.29 -2.22 -2.14	TsrVal -2.97



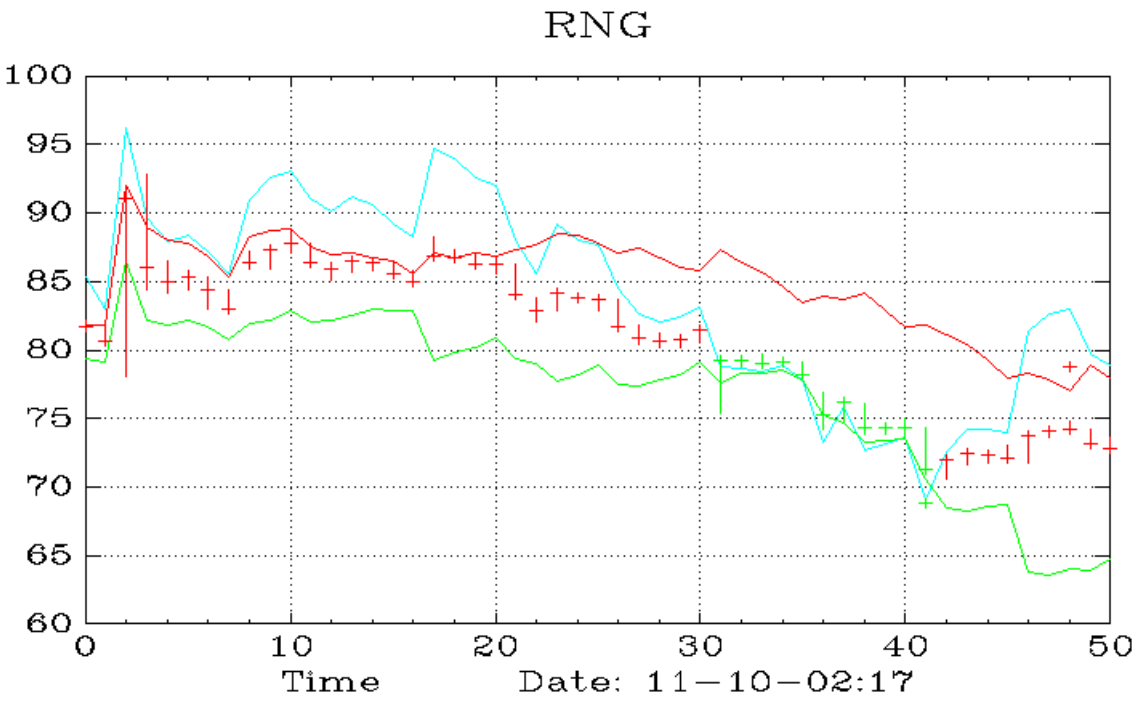
RNG Efficiency Chart for 90



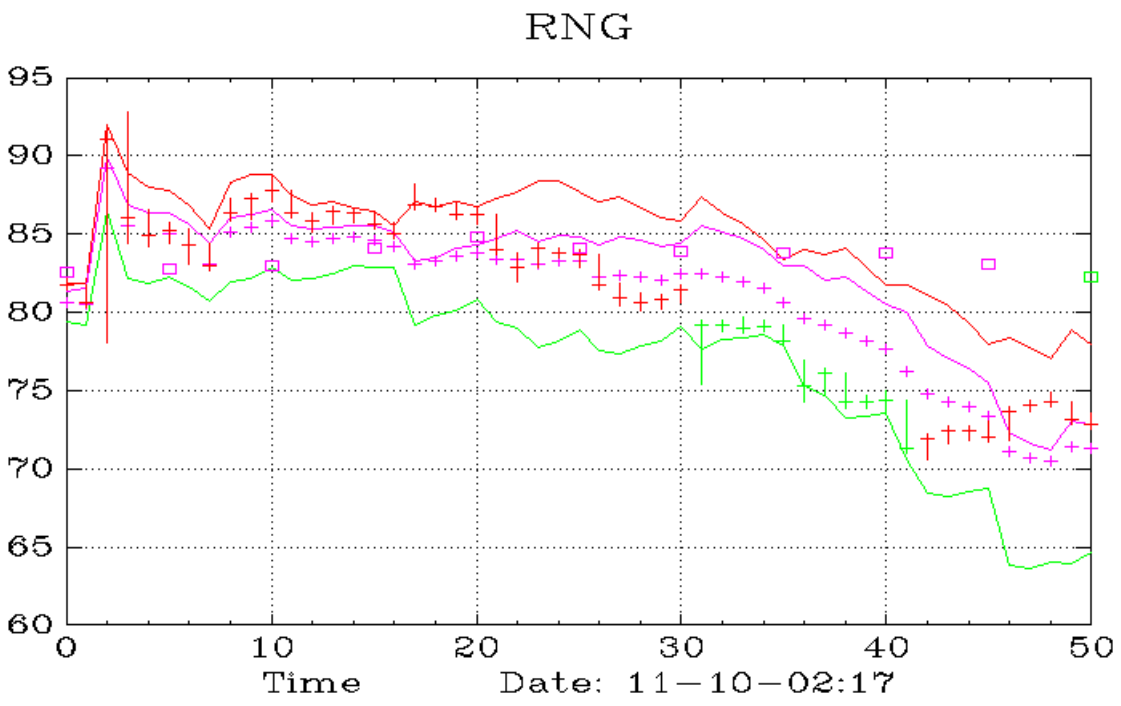
RNG Exhaustion Chart for 90



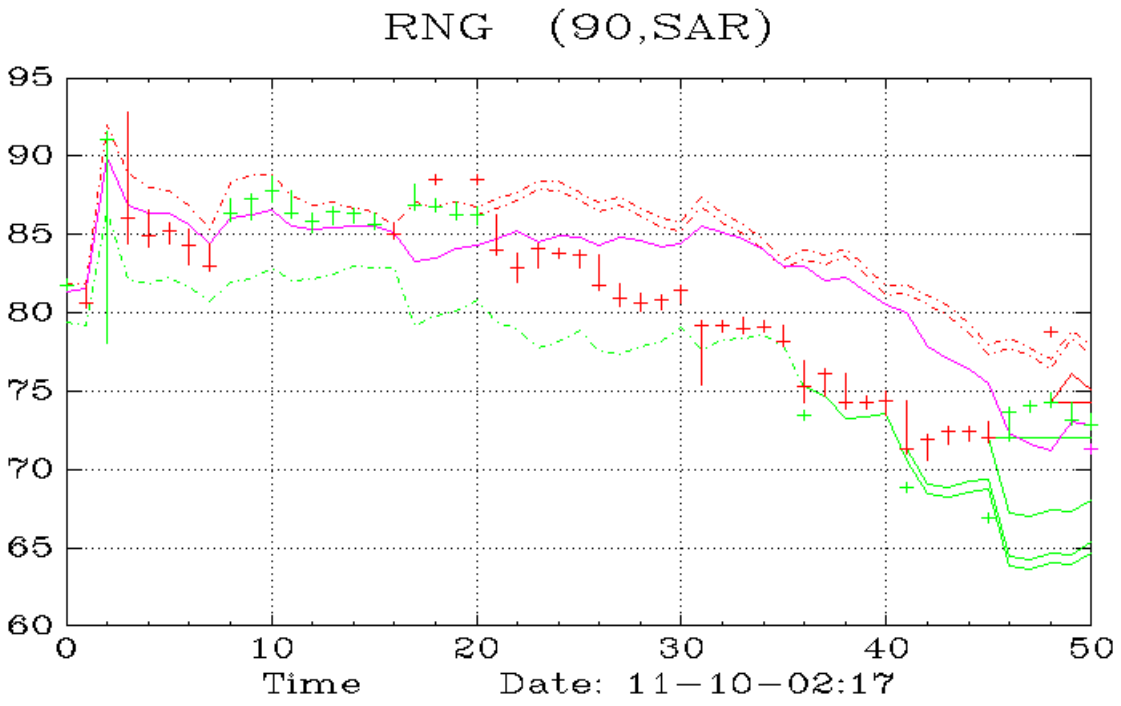
RNG CS Chart for 90



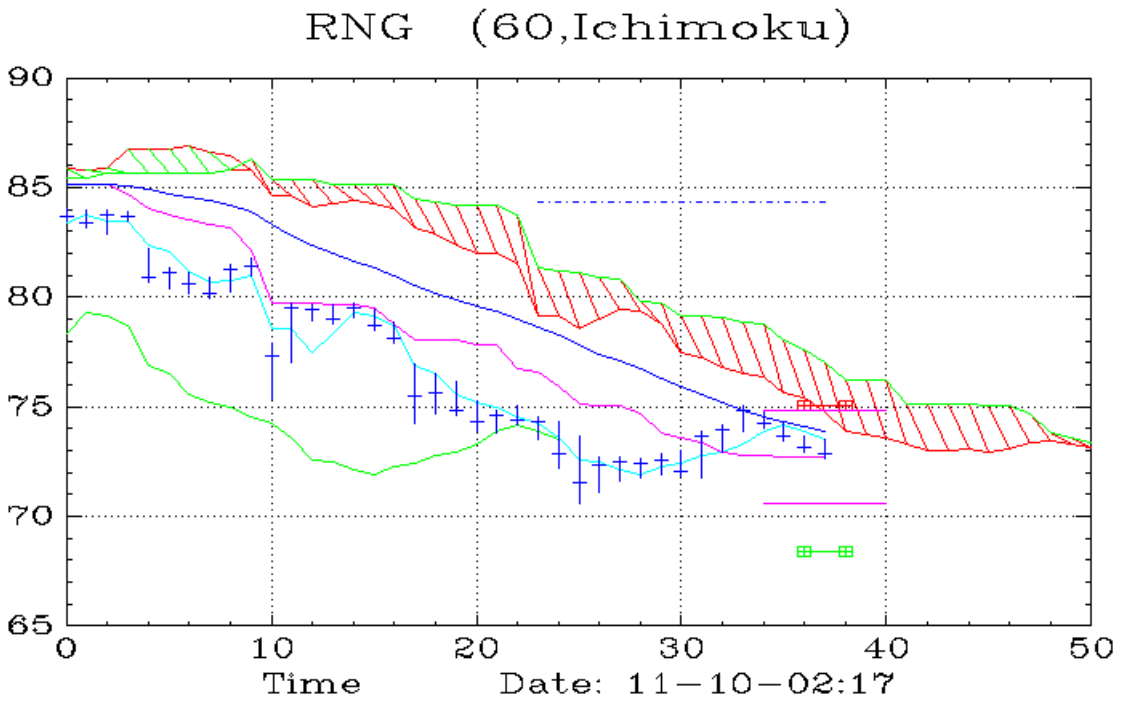
RNG Adaptive Price Channel (APC) for 90		Parent is Daily
Red: 77.91 Price: 72.83 Green: 64.69 Purple: 72.81		APC: -22
90 APC: FAN: VAPI: OBOS: VAP:	C: 6	F: 8
Daily Ppl Plus: 82.30 90 Ppl Plus: 71.30		



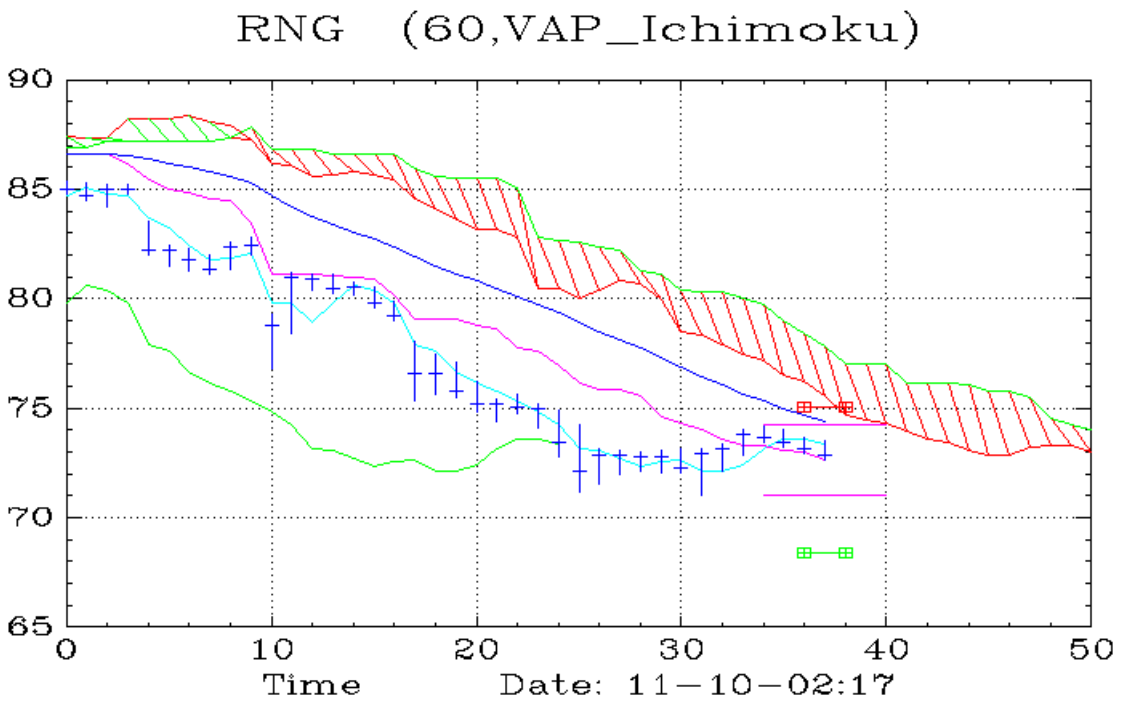
RNG Support and Resistance Levels for 90	R: 3	G: 3
McGuffin Signal: McGuffin Scaling: off	VAPI: -58	
Red: 77.91 Price: 72.83 Green: 64.69 Purple: 72.81	APC: -22	
90 APC: FAN: VAPI: OBOS: VAP:	C: 6	F: 8



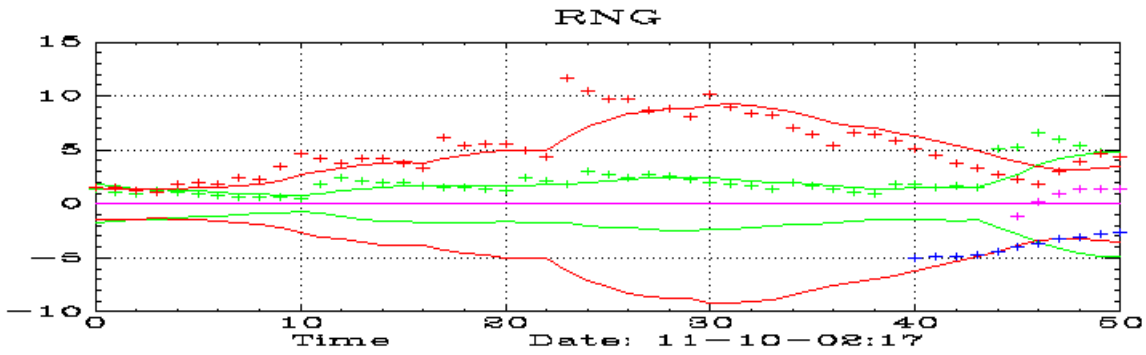
RNG : RingCentral, Inc. (60)		
RNG Ichimoku Cloud for 60	RNG High: 74.84	
	RNG Stop: 70.61	
RNG: Red:74.78 Green:77.00 Pink:72.72 Aqua:73.51	C: 10	F: 7



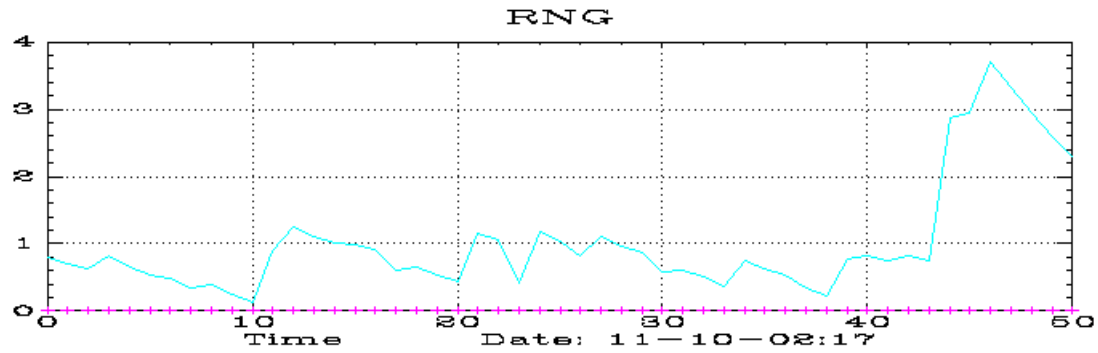
RNG VAP Ichimoku Cloud for 60	Parent is Daily	
Ichi: Red:75.59 Green:77.80 Pink:72.65 Aqua:73.40		
60 R: 75.02 P: 72.83 G: 68.38 P: 72.87		
60 APC: FAN: VAPI: OBOS: VAP:	C: 10	F: 7



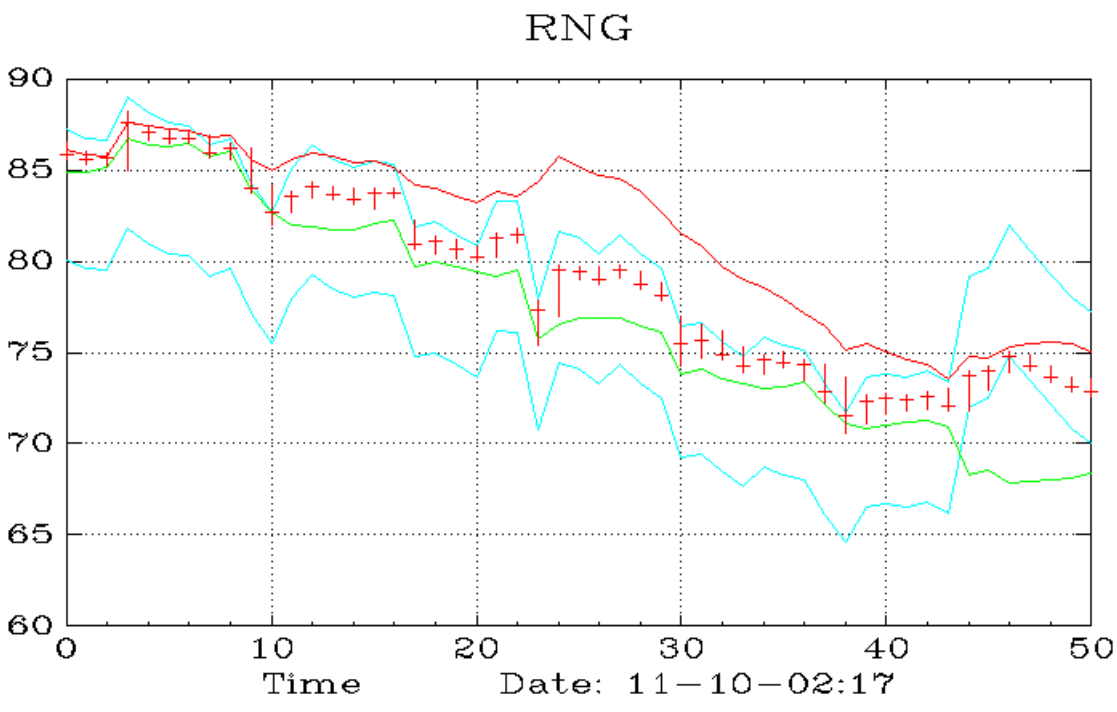
RNG Prevailing Market Direction for 60	Pmd Down -2.68
-3.62 -3.28 -3.03 -2.85 -2.68	TsrVal -2.18



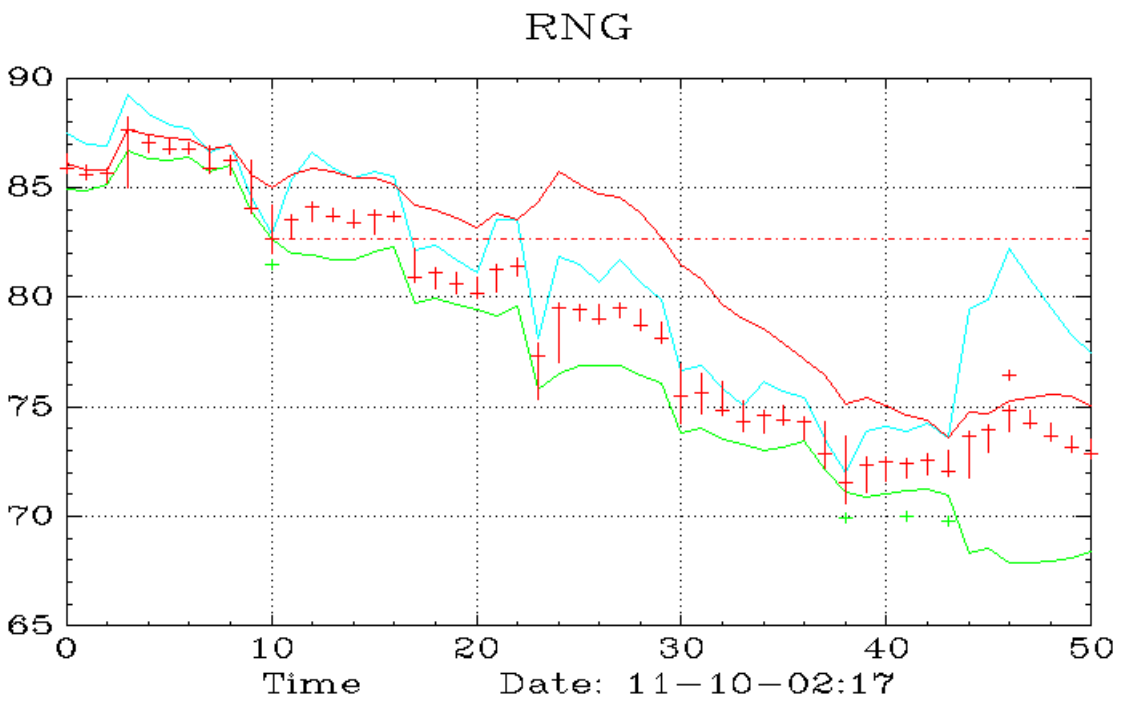
RNG Efficiency Chart for 60



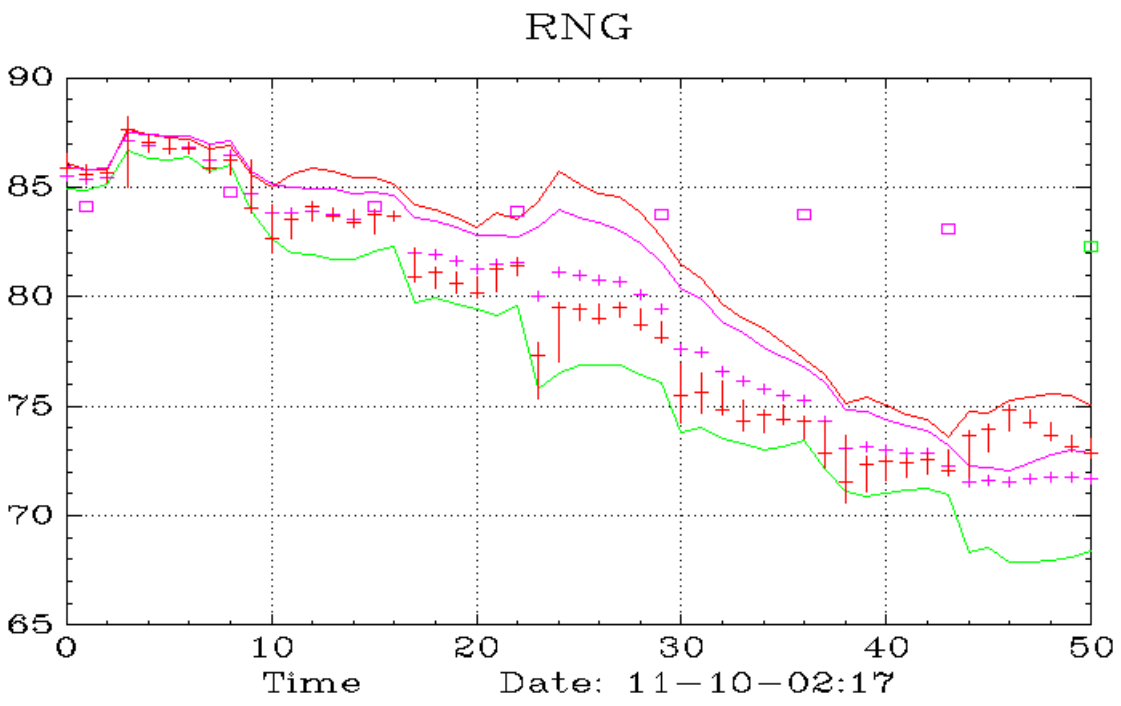
RNG Exhaustion Chart for 60



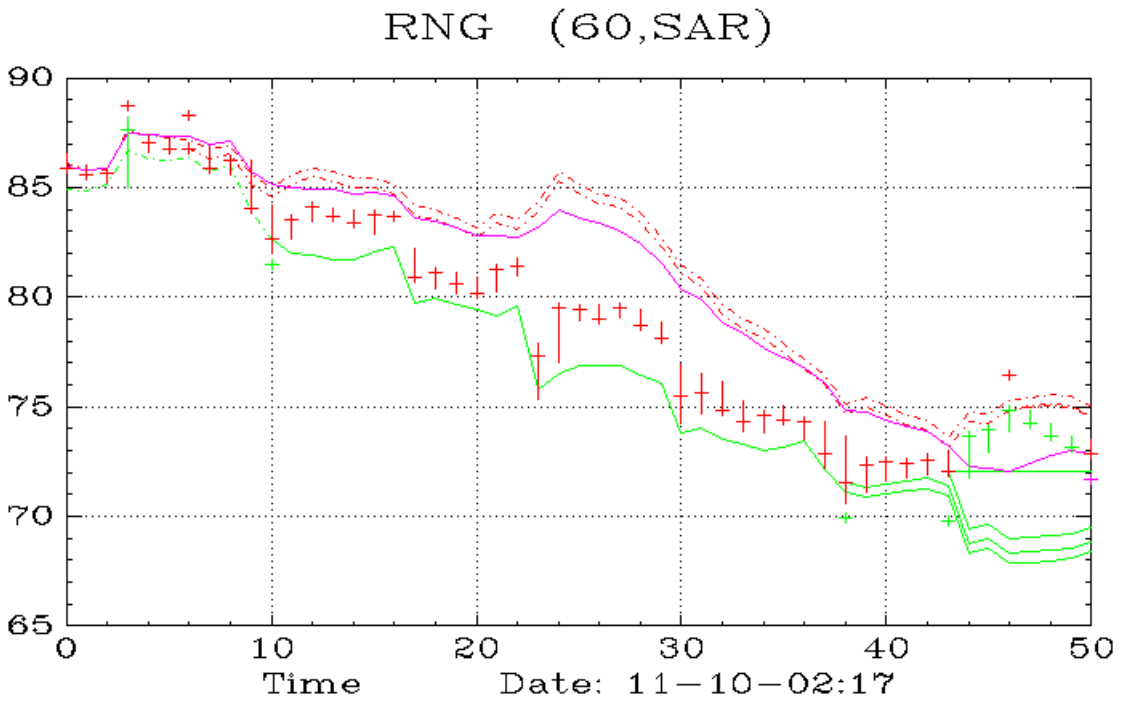
RNG CS Chart for 60



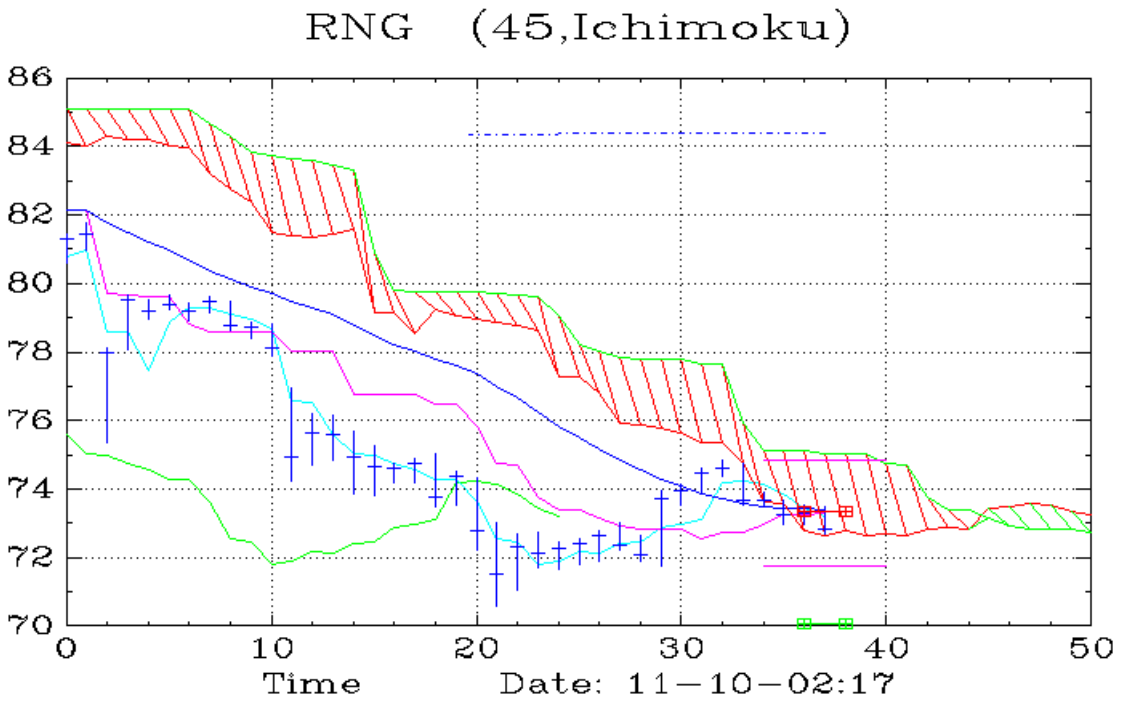
RNG Adaptive Price Channel (APC) for 60		Parent is Daily
Red: 75.02 Price: 72.83 Green: 68.38 Purple: 72.87		APC: -35
60 APC: FAN: VAPI: OBOS: VAP:	C: 10	F: 7
Daily Ppl Plus: 82.30 60 Ppl Plus: 71.70		



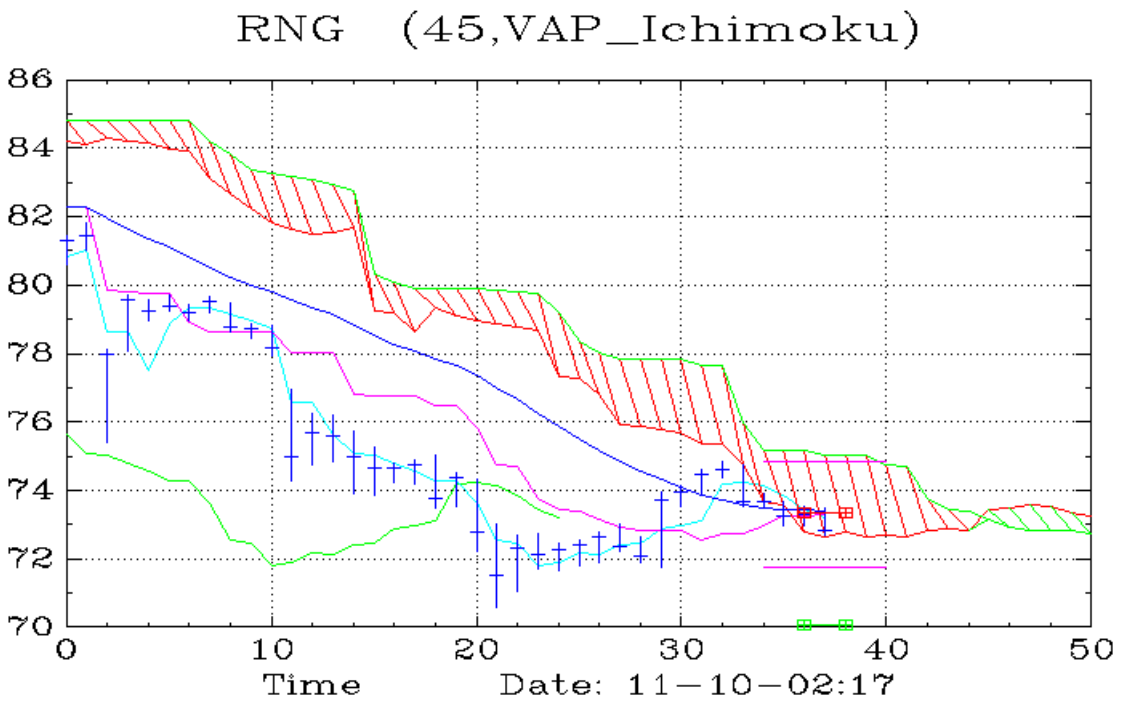
RNG Support and Resistance Levels for 60	R: 3	G: 3
McGuffin Signal: McGuffin Scaling: off	VAPI: -54	
Red: 75.02 Price: 72.83 Green: 68.38 Purple: 72.87	APC: -35	
60 APC: FAN: VAPI: OBOS: VAP:	C: 10	F: 7



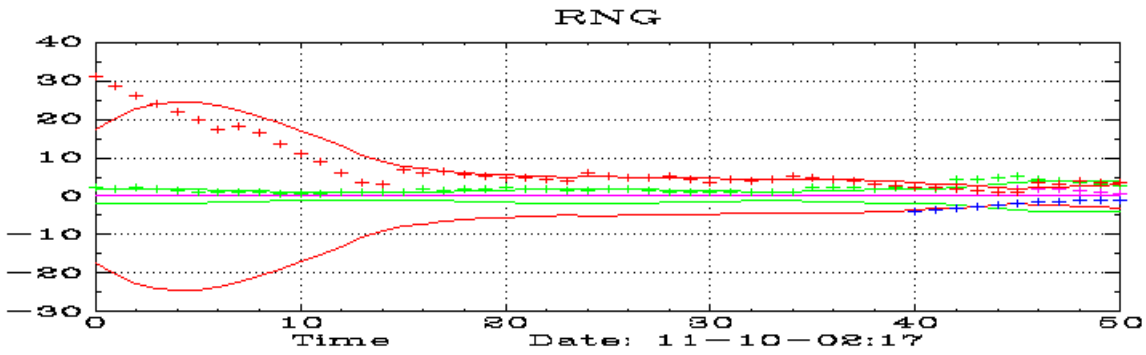
RNG : RingCentral, Inc. (45)		
RNG Ichimoku Cloud for 45	RNG High: 74.84	
	RNG Stop: 71.78	
RNG: Red:72.65 Green:75.04 Pink:73.31 Aqua:73.22	C: 10	F: 5



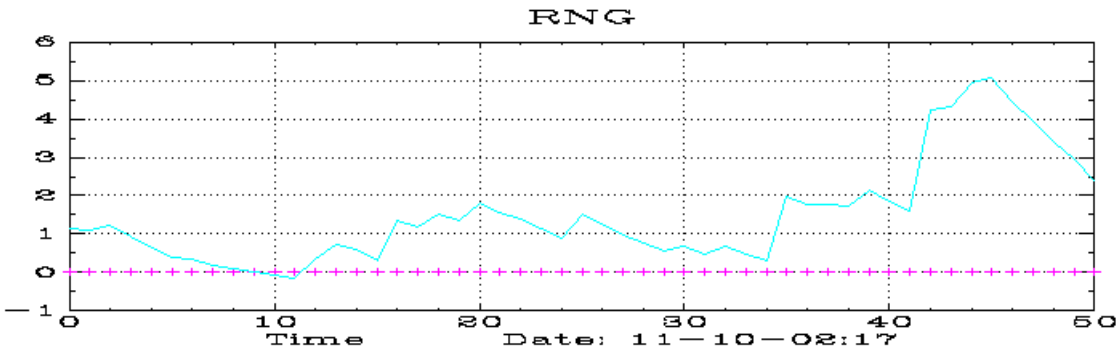
RNG VAP Ichimoku Cloud for 45	Parent is Daily	
Ichi: Red:72.66 Green:75.05 Pink:73.31 Aqua:73.22		
45 R: 73.35 P: 72.83 G: 70.07 P: 73.00		
45 APC: FAN: VAPI: OBOS: VAP:	C: 10	F: 5



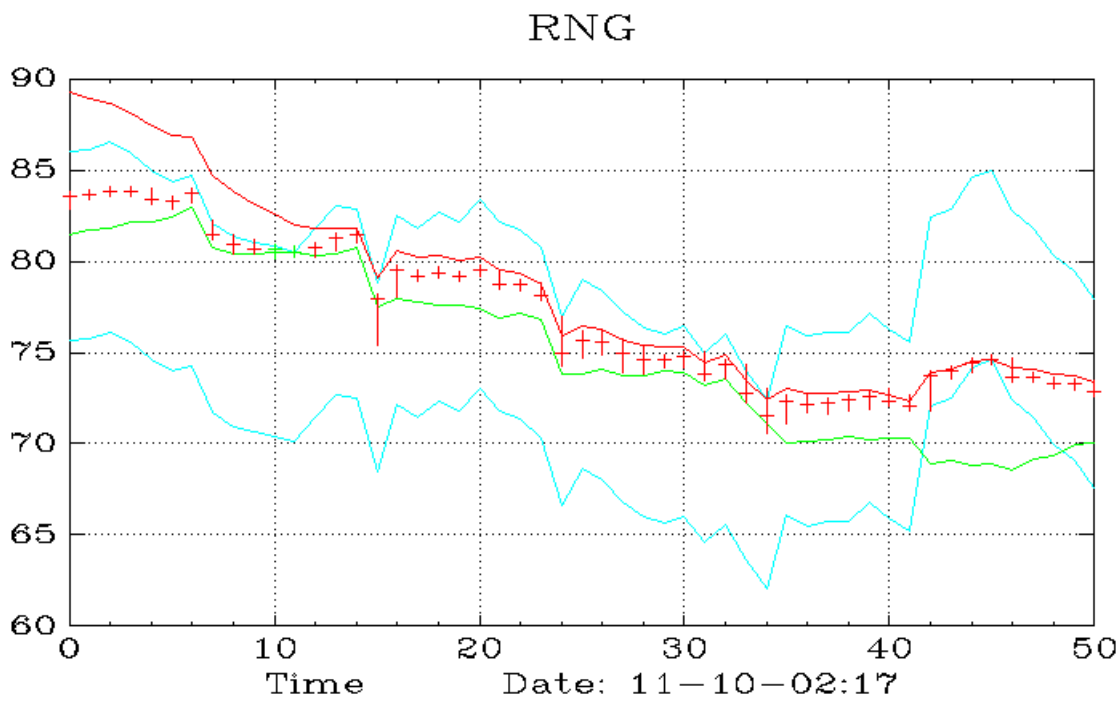
RNG Prevailing Market Direction for 45	Pmd Down -0.99
-1.52 -1.31 -1.17 -1.06 -0.99	TsrVal -1.23



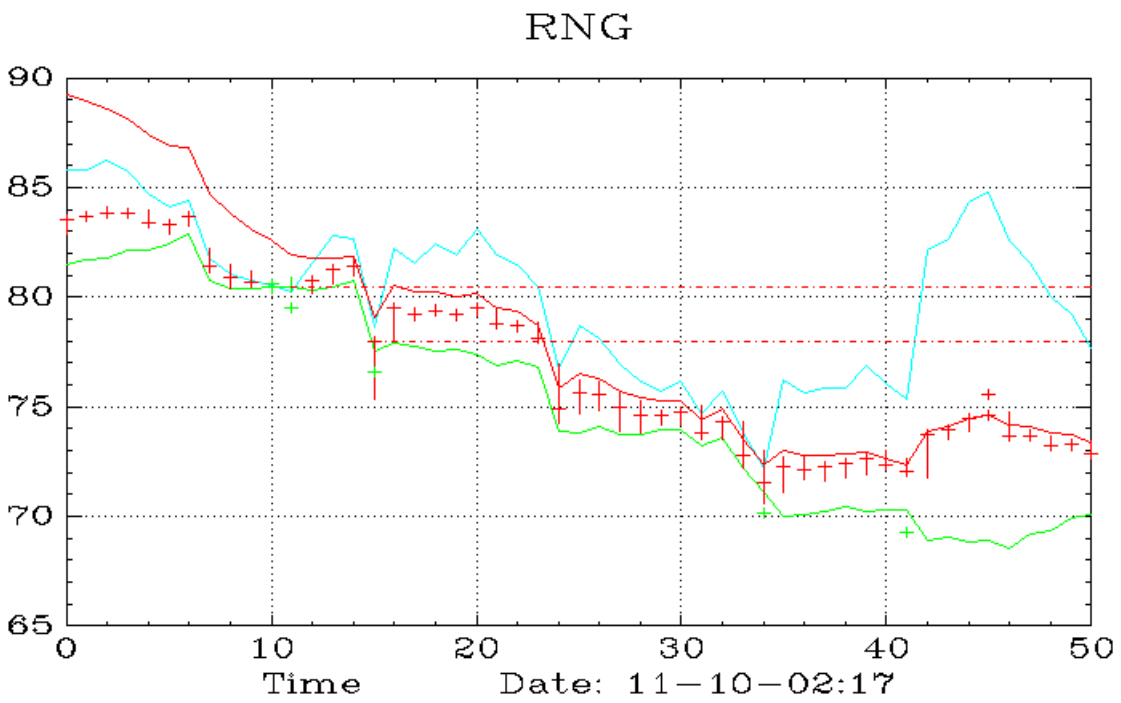
RNG Efficiency Chart for 45



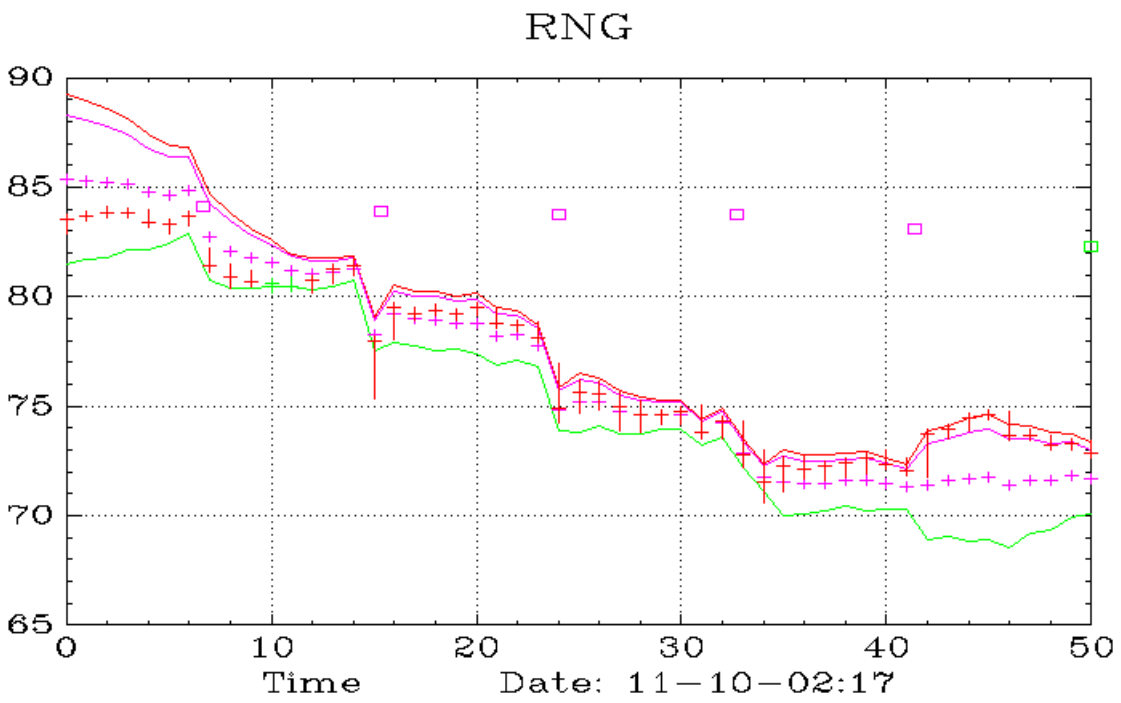
RNG Exhaustion Chart for 45



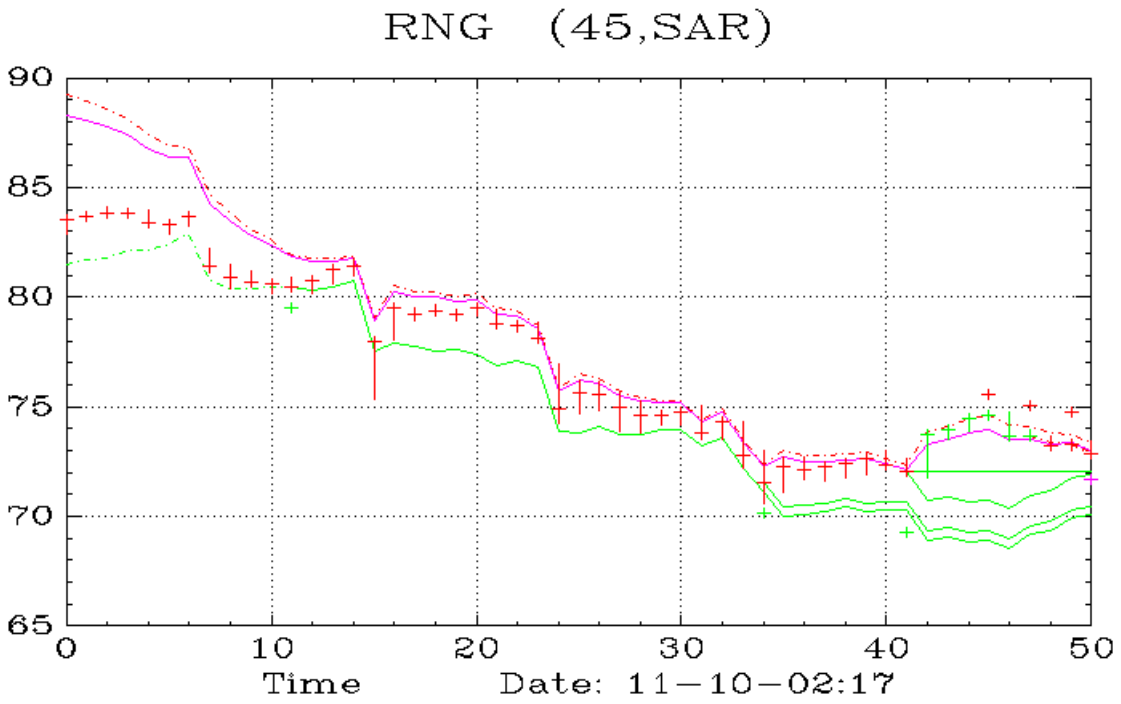
RNG CS Chart for 45



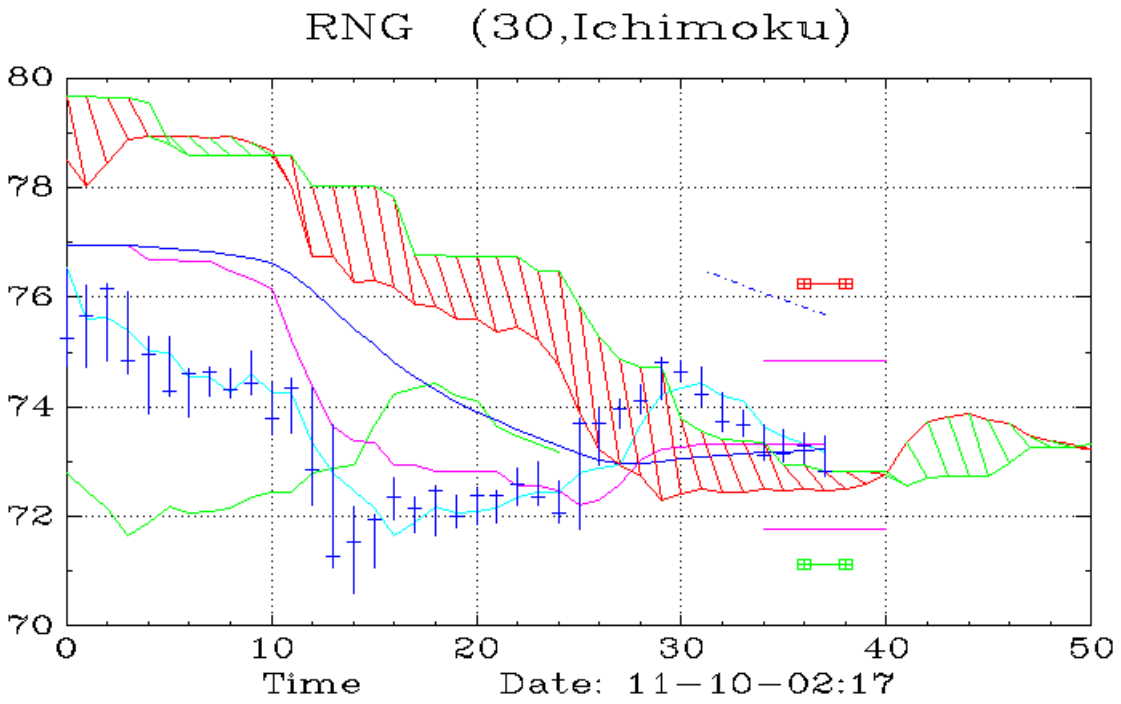
RNG Adaptive Price Channel (APC) for 45		Parent is Daily
Red: 73.35 Price: 72.83 Green: 70.07 Purple: 73.00		APC: -78
45 APC: FAN: VAPI: OBOS: VAP:	C: 10	F: 5
Daily Ppl Plus: 82.30 45 Ppl Plus: 71.71		



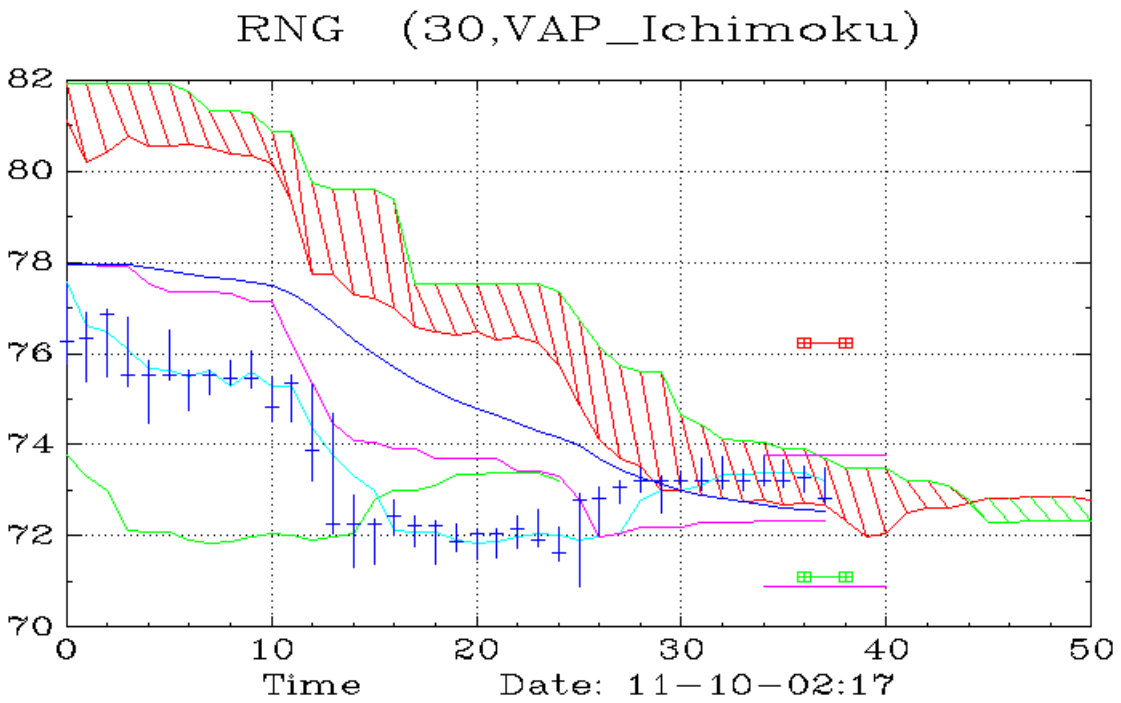
RNG Support and Resistance Levels for 45	R: 3	G: 3
McGuffin Signal: McGuffin Scaling: off	VAPI: -97	
Red: 73.35 Price: 72.83 Green: 70.07 Purple: 73.00	APC: -78	
45 APC: FAN: VAPI: OBOS: VAP:	C: 10	F: 5



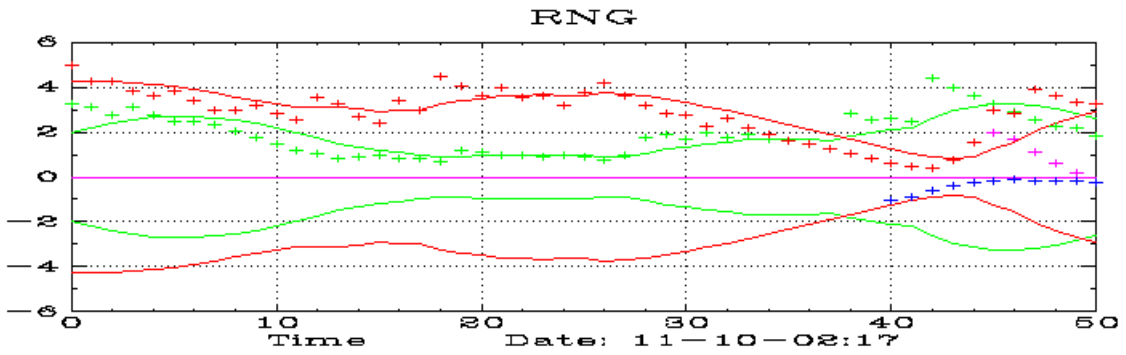
RNG : RingCentral, Inc. (30)		
RNG Ichimoku Cloud for 30	RNG High: 74.84	
	RNG Stop: 71.78	
RNG: Red:72.46 Green:72.81 Pink:73.31 Aqua:73.18	C: 36	F: 4



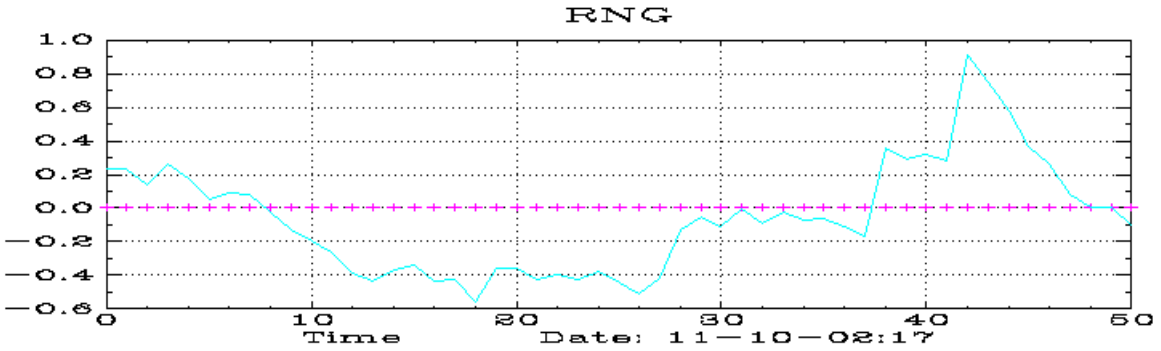
RNG VAP Ichimoku Cloud for 30	Parent is 90	
Ichi: Red:72.67 Green:73.69 Pink:72.33 Aqua:73.23		
30 R: 76.24 P: 72.83 G: 71.12 P: 74.43		
30 APC: FAN: VAPI: OBOS: VAP:	C: 36	F: 4



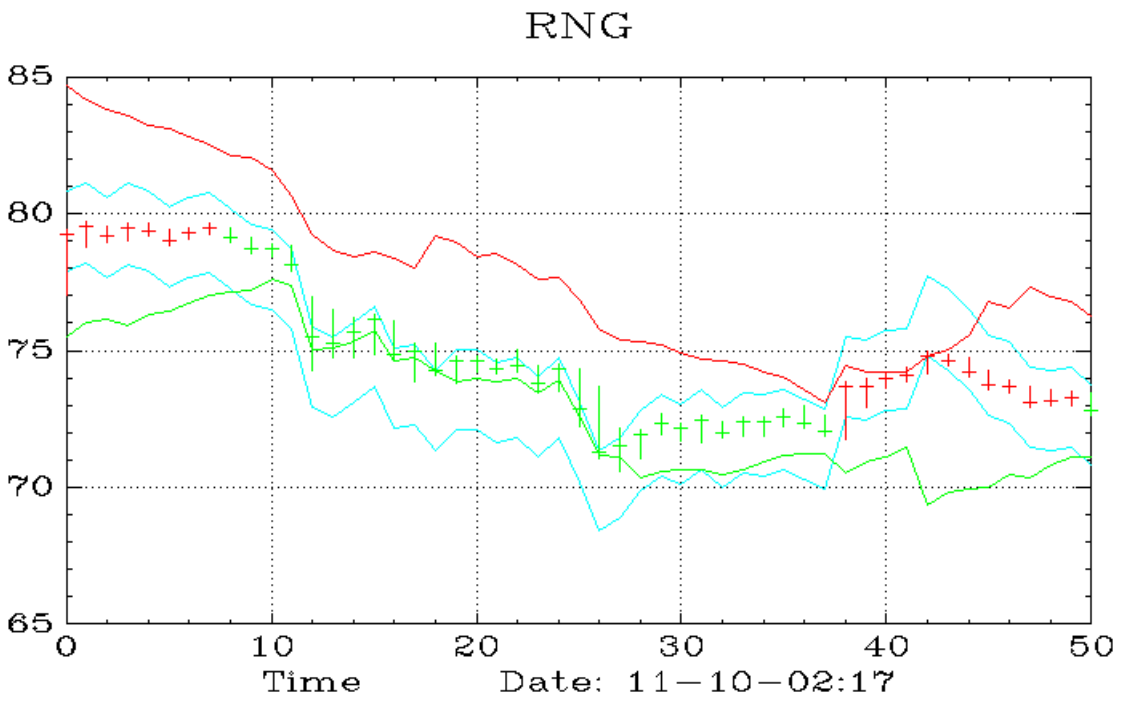
RNG Prevailing Market Direction for 30	Pmd Down -0.22
-0.14 -0.16 -0.18 -0.19 -0.22	TsrVal 0.03



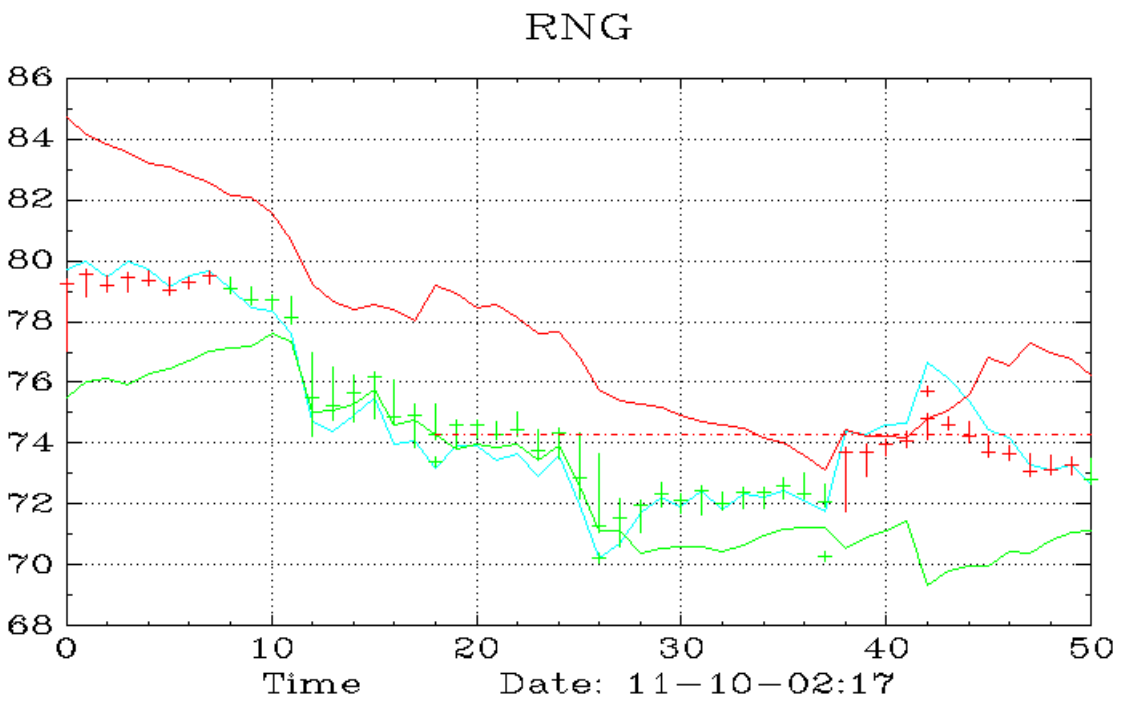
RNG Efficiency Chart for 30



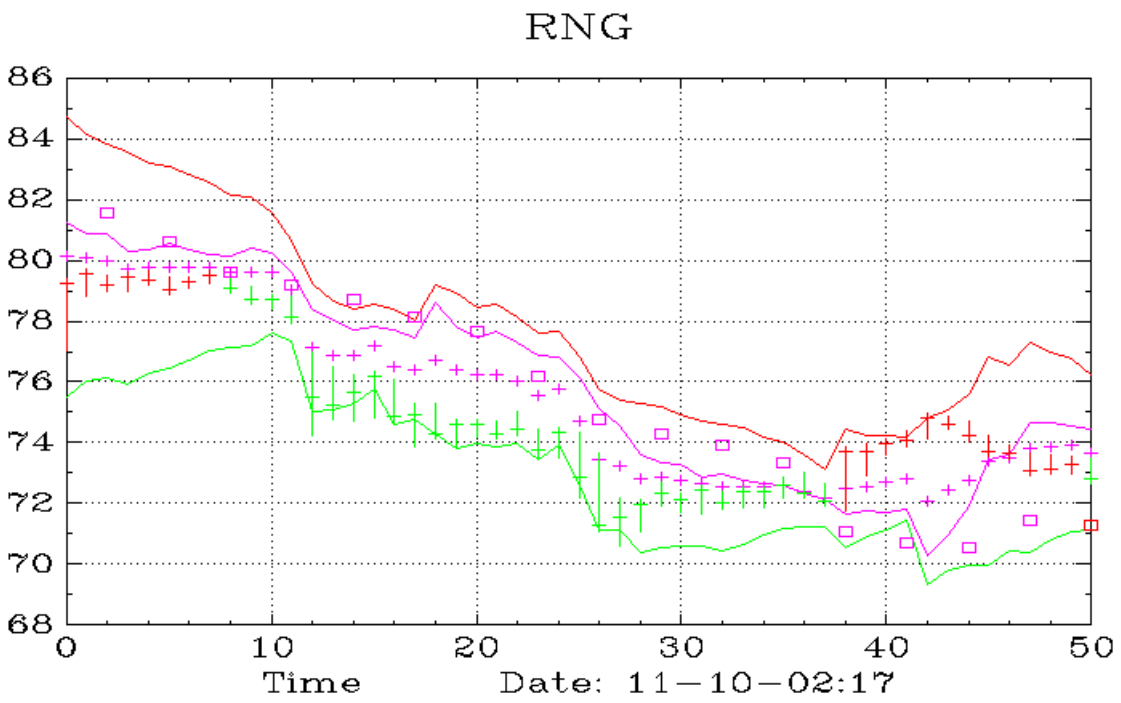
RNG Exhaustion Chart for 30



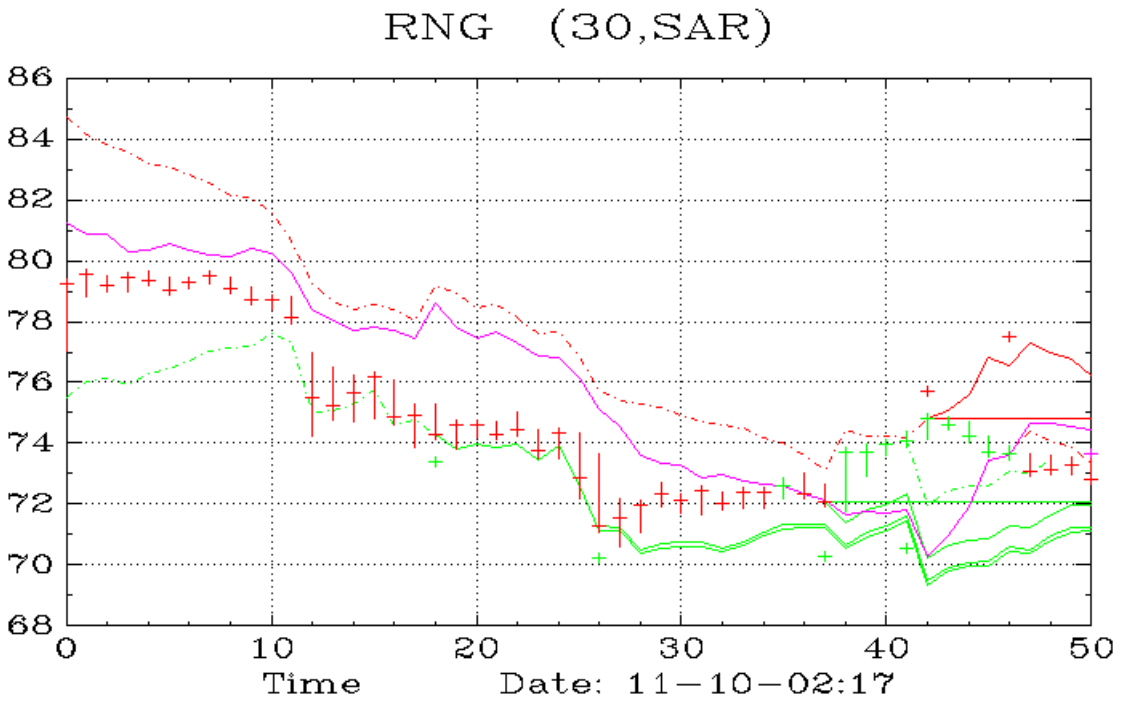
RNG CS Chart for 30



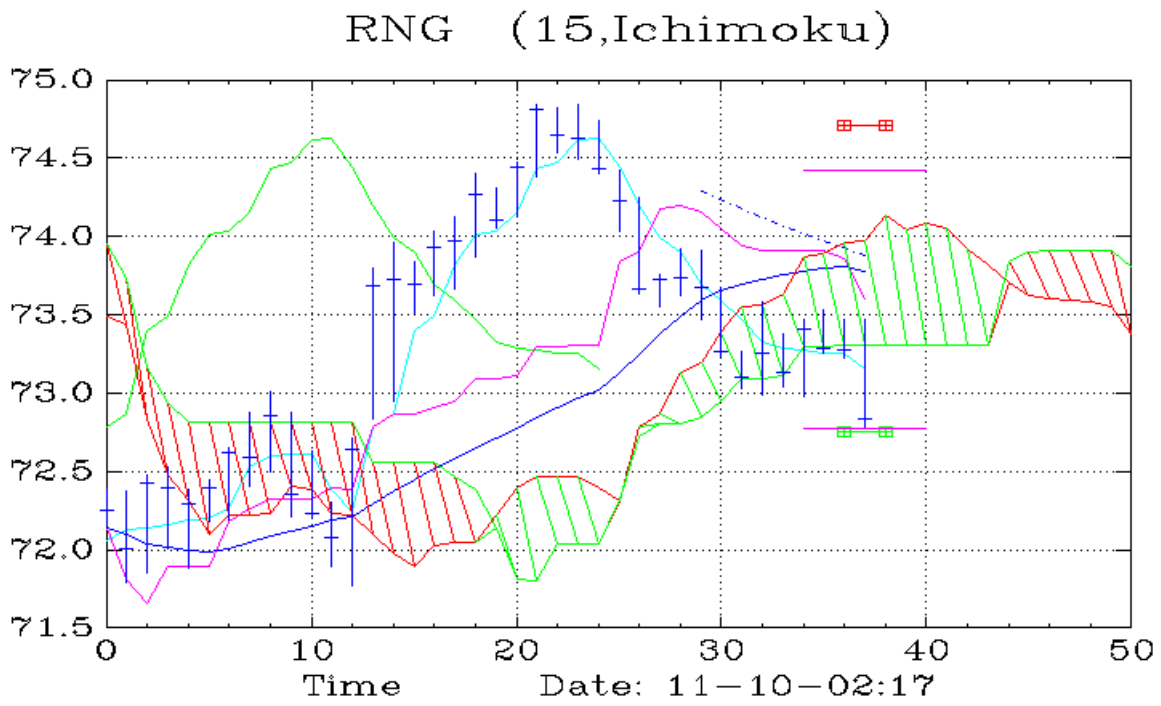
RNG Adaptive Price Channel (APC) for 30		Parent is 90	
Red: 76.24 Price: 72.83 Green: 71.12 Purple: 74.43		APC: -29	
30 APC: FAN: VAPI: OBOS: VAP:		C: 36	F: 4
90 Ppl Plus: 71.30 30 Ppl Plus: 73.68			



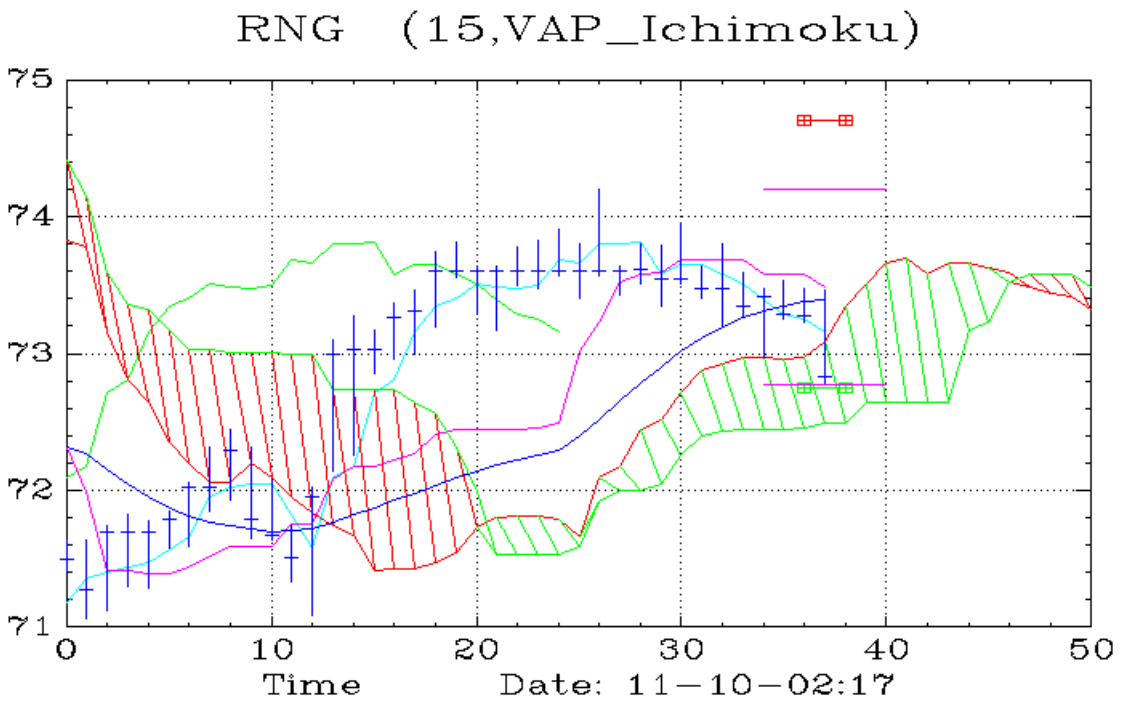
RNG Support and Resistance Levels for 30	R: 2	G: 3
McGuffin Signal: McGuffin Scaling: off	VAPI: 0	
Red: 76.24 Price: 72.83 Green: 71.12 Purple: 74.43	APC: -29	
30 APC: FAN: VAPI: OBOS: VAP:	C: 36	F: 4



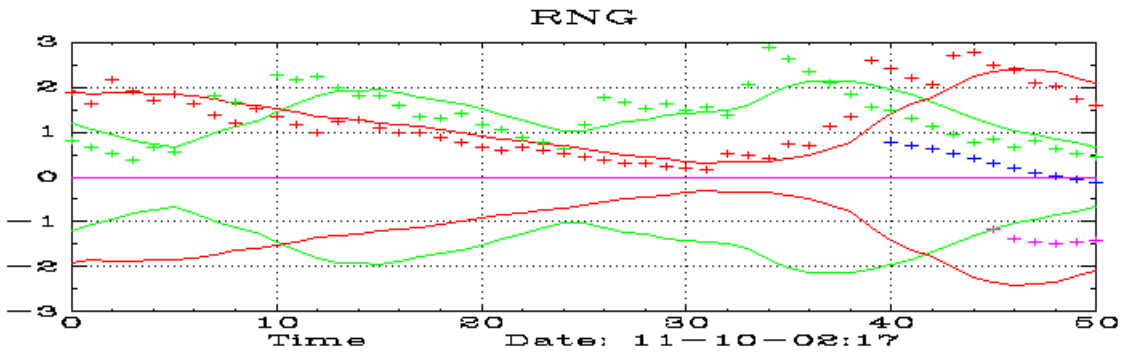
RNG : RingCentral, Inc. (15)		
RNG Ichimoku Cloud for 15	RNG High: 74.42	
	RNG Stop: 72.78	
RNG: Red:73.97 Green:73.31 Pink:73.60 Aqua:73.16	C: 5	F: 1



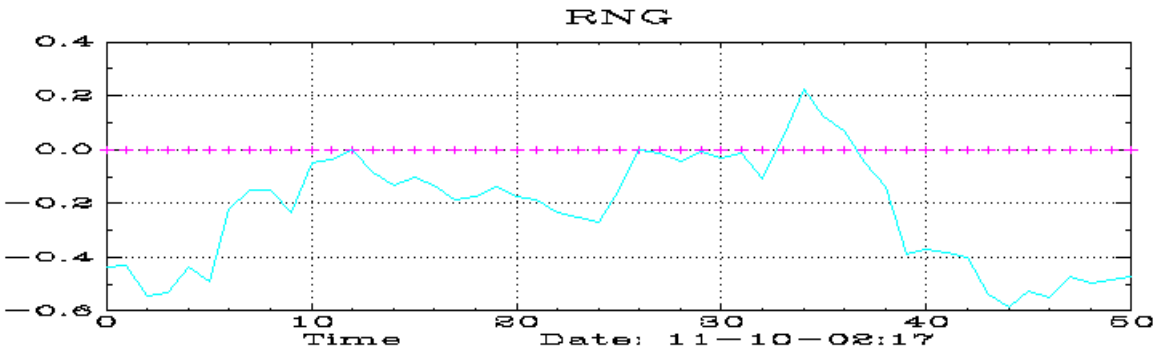
RNG VAP Ichimoku Cloud for 15	Parent is 60	
Ichi: Red:73.09 Green:72.49 Pink:73.48 Aqua:73.16		
15 R: 74.71 P: 72.83 G: 72.75 P: 74.15		
15 APC: FAN: VAPI: OBOS: VAP:	C: 5	F: 1



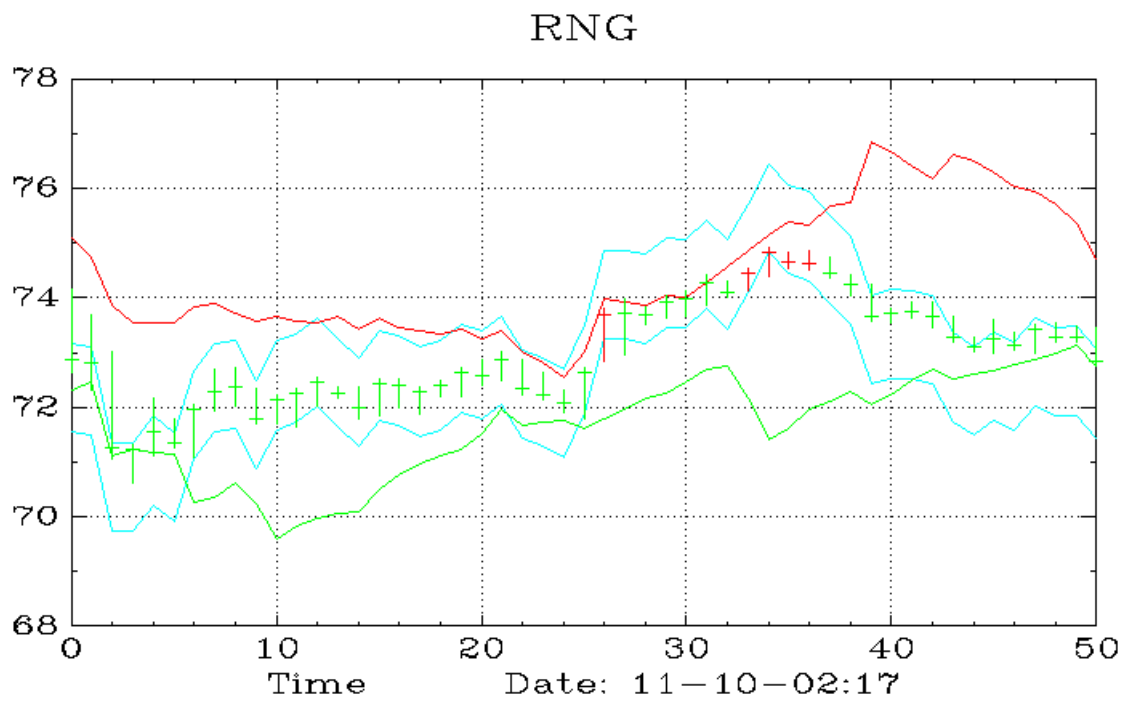
RNG Prevailing Market Direction for 15	Pmd Down -0.14
0.18 0.10 0.01 -0.07 -0.14	TsrVal 0.44



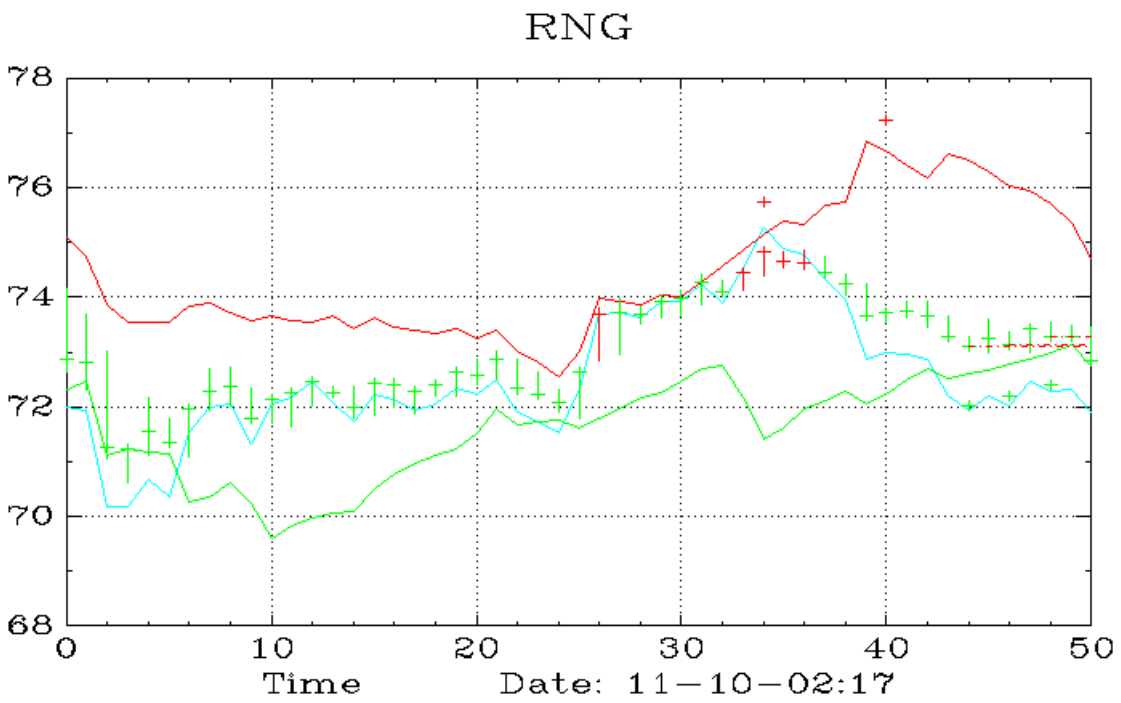
RNG Efficiency Chart for 15



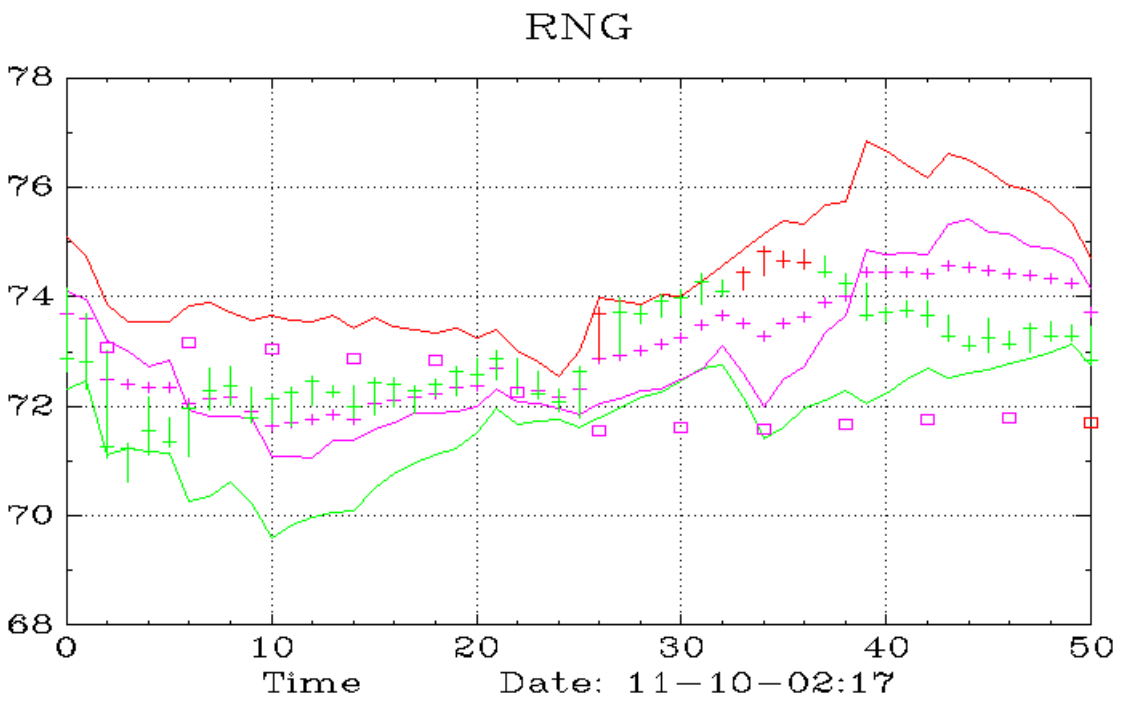
RNG Exhaustion Chart for 15



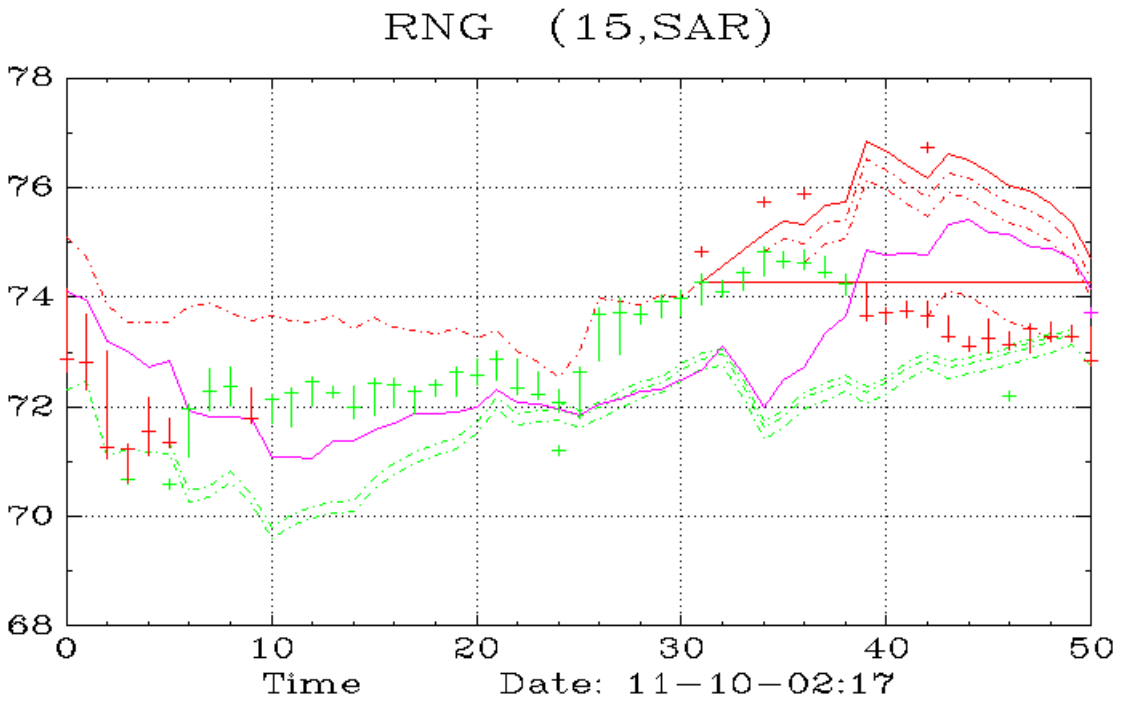
RNG CS Chart for 15



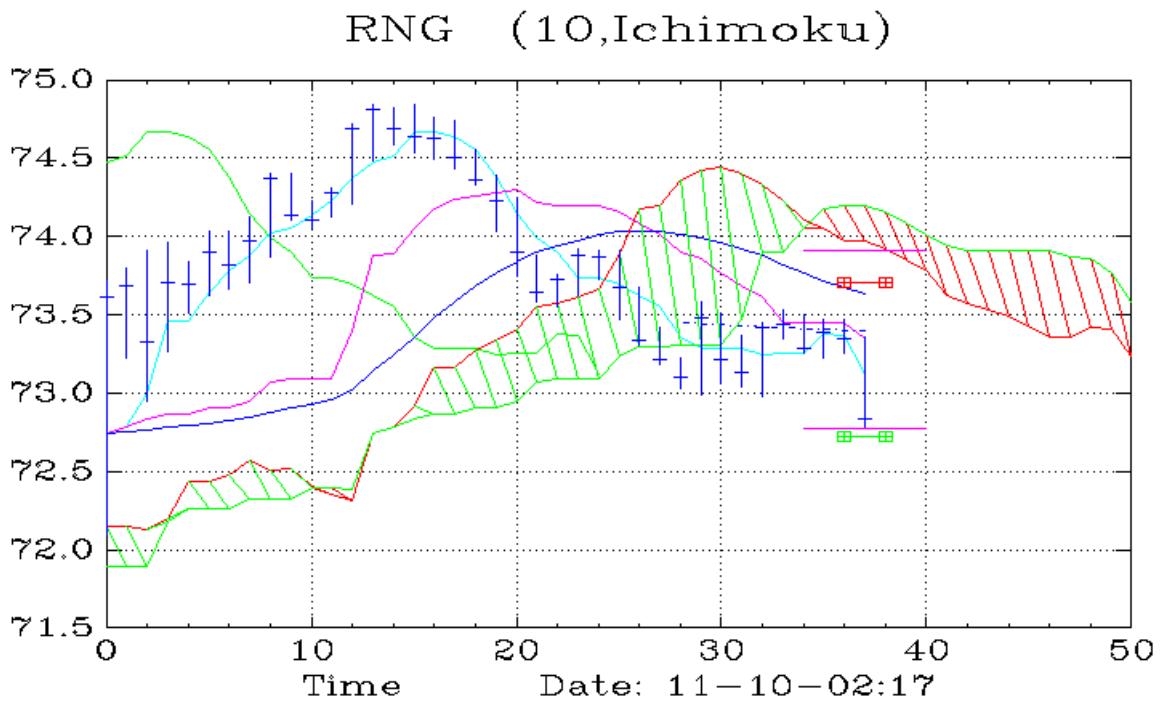
RNG Adaptive Price Channel (APC) for 15		Parent is 60	
Red: 74.71 Price: 72.83 Green: 72.75 Purple: 74.15		APC: -43	
15 APC: FAN: VAPI: OBOS: VAP:		C: 5	F: 1
60 Ppl Plus: 71.70 15 Ppl Plus: 73.73			



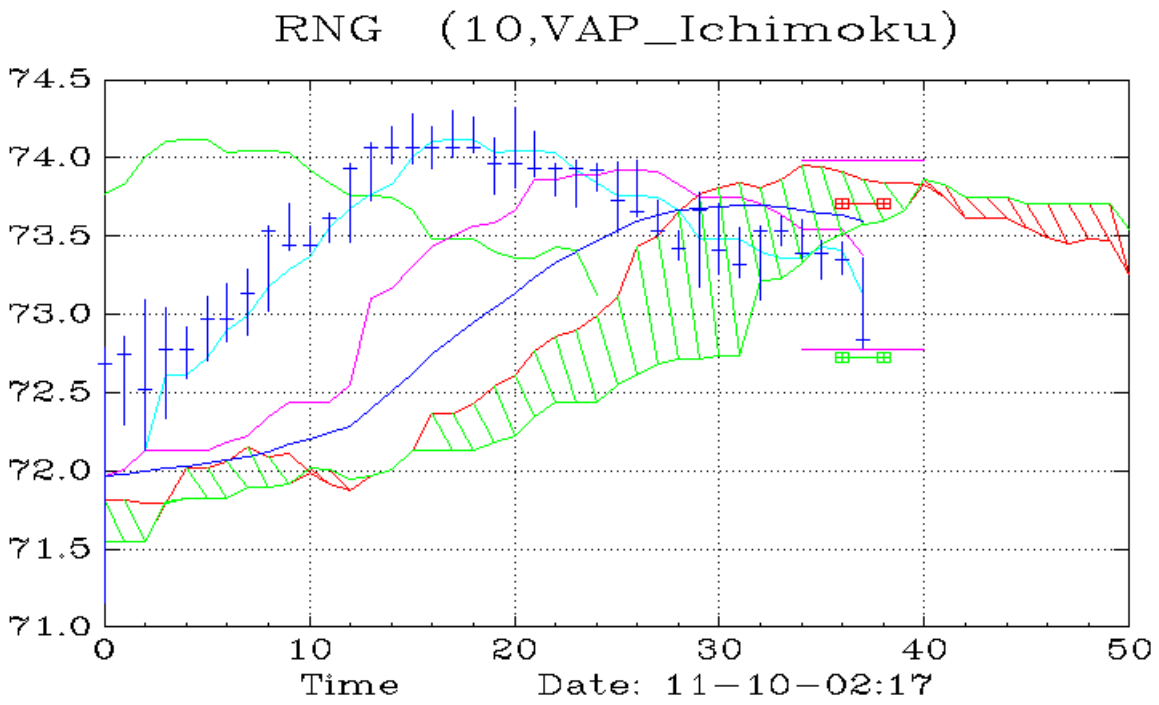
RNG Support and Resistance Levels for 15	R: 3	G: 1
McGuffin Signal: McGuffin Scaling: off	VAPI: 26	
Red: 74.71 Price: 72.83 Green: 72.75 Purple: 74.15	APC: -43	
15 APC: FAN: VAPI: OBOS: VAP:	C: 5	F: 1



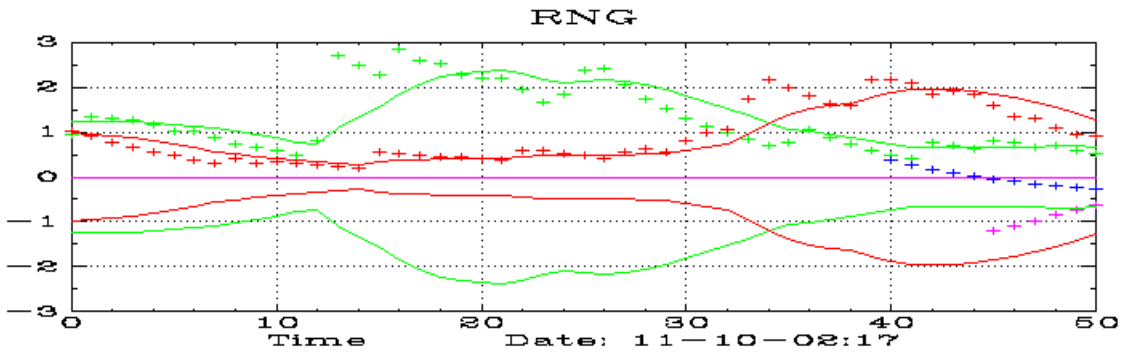
RNG : RingCentral, Inc. (10)		
RNG Ichimoku Cloud for 10	RNG High: 73.92	
	RNG Stop: 72.78	
RNG: Red:73.97 Green:74.20 Pink:73.34 Aqua:73.13	C: 4	F: 2



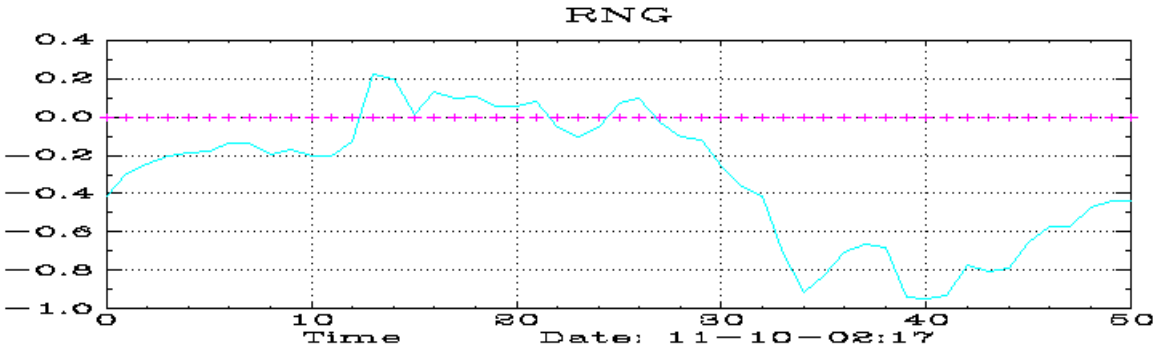
RNG VAP Ichimoku Cloud for 10	Parent is 45	
Ichi: Red:73.86 Green:73.57 Pink:73.38 Aqua:73.13		
10 R: 73.71 P: 72.83 G: 72.73 P: 73.16		
10 APC: FAN: VAPI: OBOS: VAP:	C: 4	F: 2



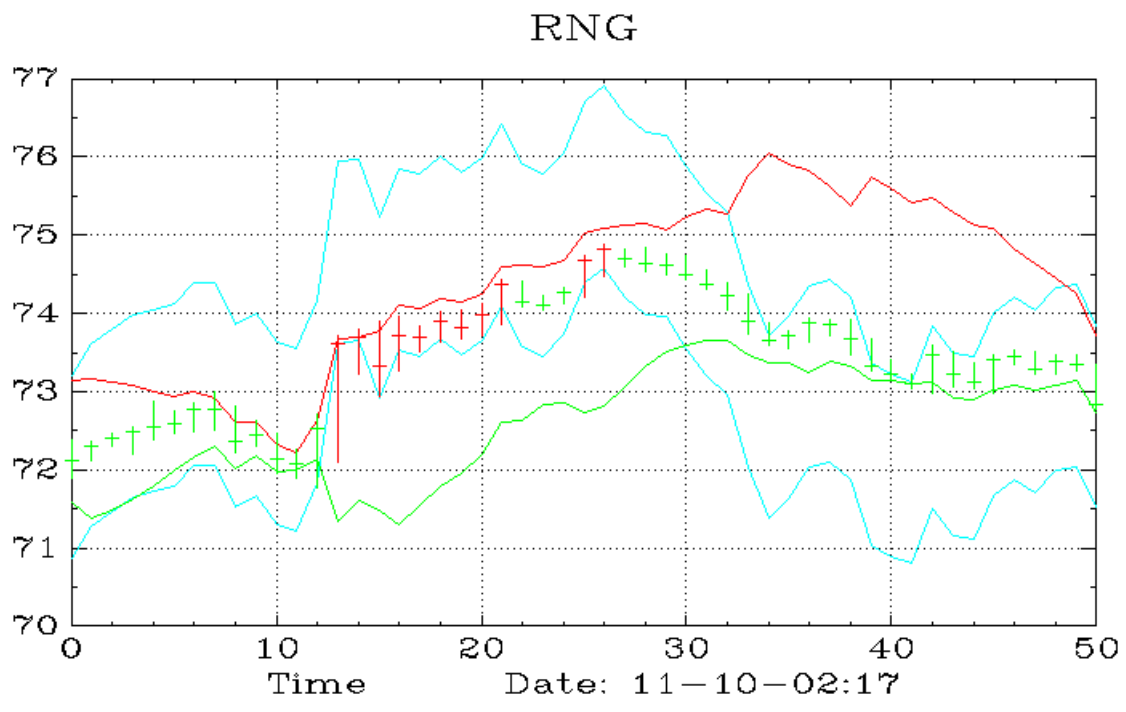
RNG Prevailing Market Direction for 10	Pmd Down -0.27
-0.11 -0.16 -0.19 -0.23 -0.27	TsrVal -0.63



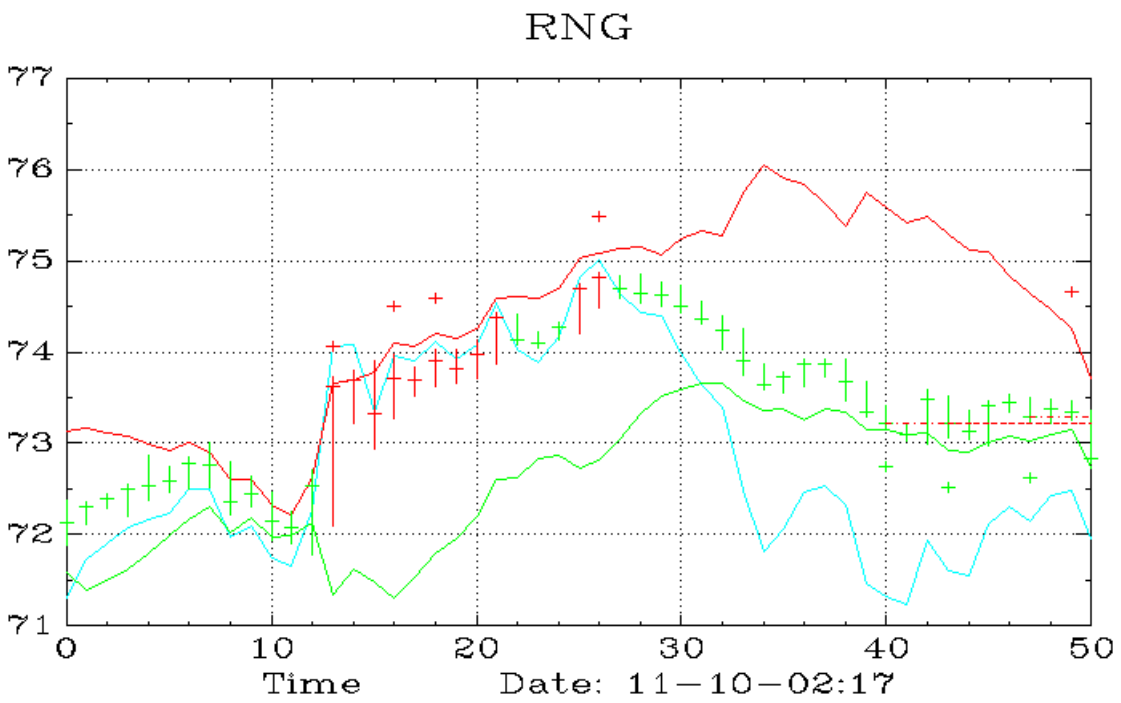
RNG Efficiency Chart for 10



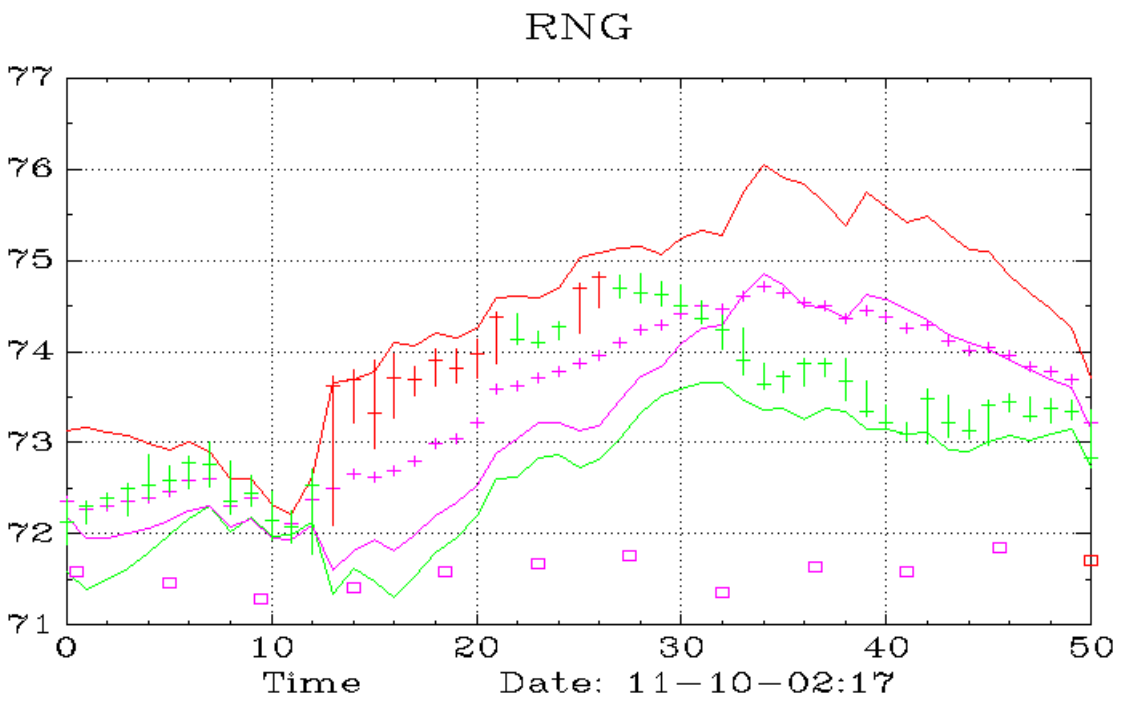
RNG Exhaustion Chart for 10



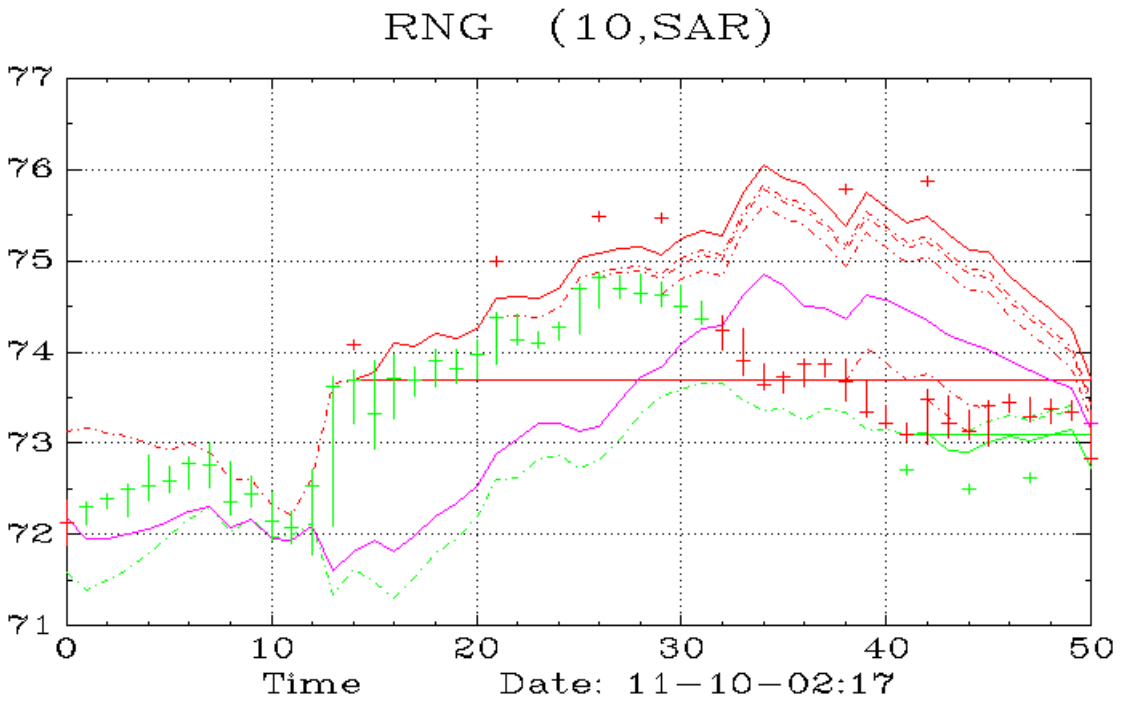
RNG CS Chart for 10



RNG Adaptive Price Channel (APC) for 10		Parent is 45	
Red: 73.71 Price: 72.83 Green: 72.73 Purple: 73.16		APC: 11	
10 APC: FAN: VAPI: OBOS: VAP:		C: 4	F: 2
45 Ppl Plus: 71.71 10 Ppl Plus: 73.22			



RNG Support and Resistance Levels for 10	R: 4	G: 1
McGuffin Signal: McGuffin Scaling: off	VAPI: 0	
Red: 73.71 Price: 72.83 Green: 72.73 Purple: 73.16	APC: 11	
10 APC: FAN: VAPI: OBOS: VAP:	C: 4	F: 2



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