

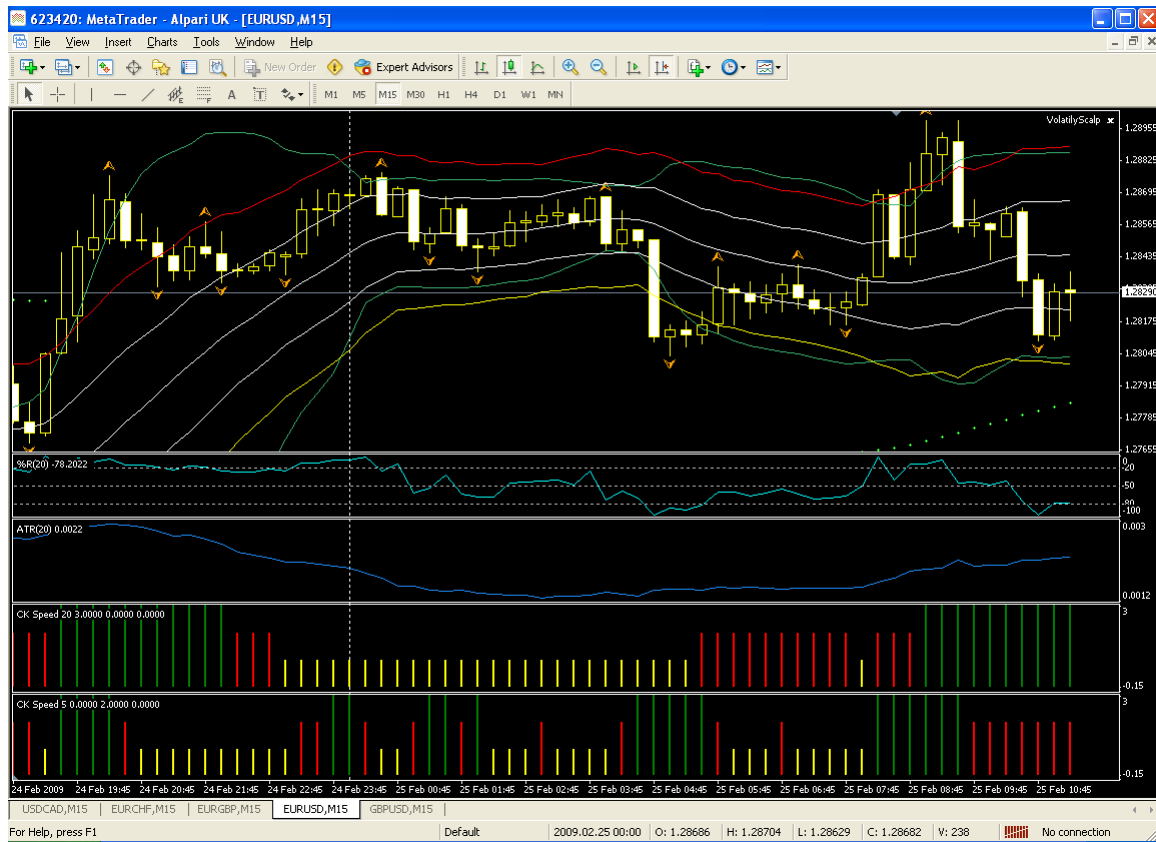
VOLATILY SCALP EXPERT ADVISOR

EA Name =Volatily Scalp
Typical =Sideway, counter trend system
Creator =Chiqho
Distribution=Donation
Expired=Never both indicator and EA
Source Code=Not Included
Version =VS_EURCHF D_01

Thank You for using My Volatily Scalp EA.

DEFINITION

Although I am using term “Scalp”, but this is not meaning that it’s a “pip” EA. In fact this system should be named with 20 Period MA Mean Reversion System. But let’s forget about the name, before using this EA; let’s look how it’s work.

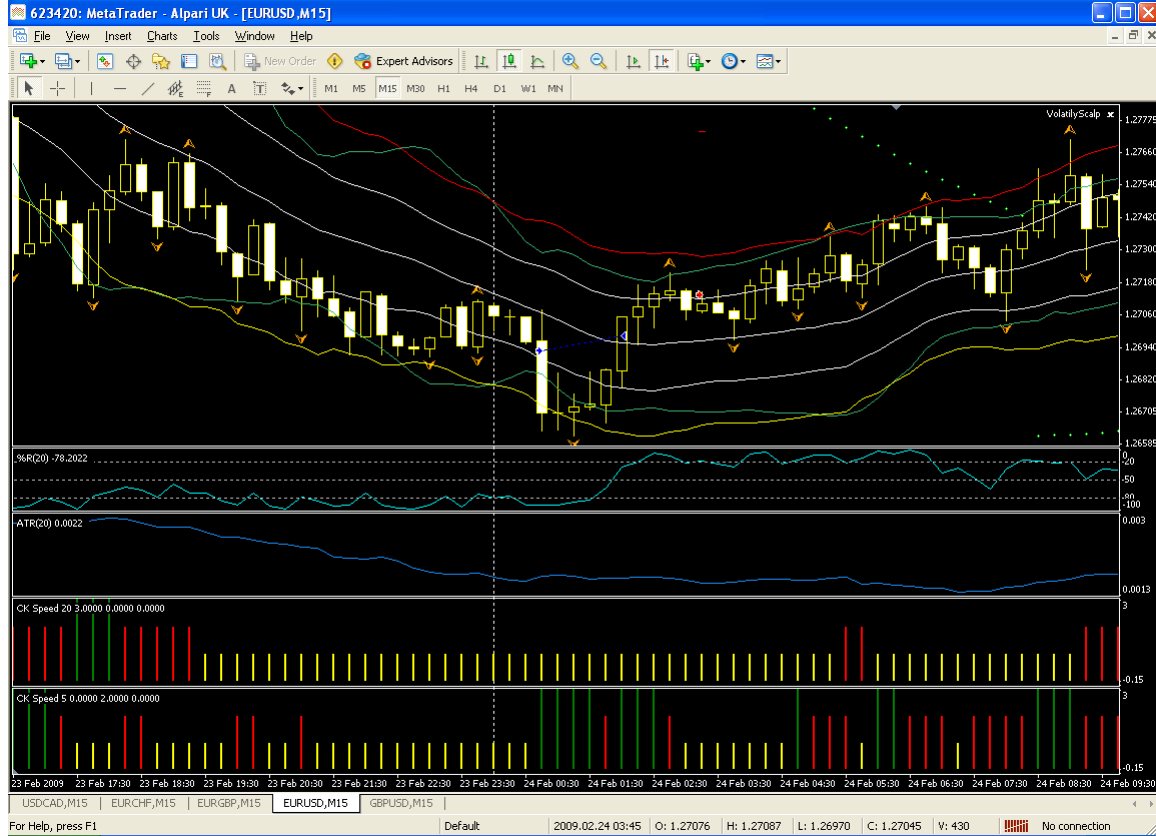


This is my template. There are several indicators there, Keltner Channels (20,2), Bollinger Bands (20,2,MedianPrice), Parabolic Sar (0.002,0.2), Average True Range(20), and there are two CK_Speed(20,50) and (5,20). No matter how much indicators there, there are only 2 period that I use, 5 for short period and 20 for my long period.

Time Frame

This EA work at 15 M Time Frame, it uses 1 M Chart to find entry point, and using Daily Chart to filter out bad trade. Therefore make sure the EA run on 15 M Chart.

The system :



This picture show you where the EA, put its entry, and where the EA close it.

Rules:

Main rule to create the system:

As long the last bar (current bar, therefore it may repaint) and previous last bar (should not repaint) are not green color, then this is our setup to make 20 Ma Mean Reversion System. This is the only one rule that must we care to create the system. As long this condition occurred, the probability of price to hit then mean is higher, and our task to make sure from our entry before hit the mean will make profit.

The others rule that may become a filter.

Time Based Filter:

- Because most of this condition occurs at the closing of American's Market to Asian's Session, this system will include a Time Based Filter.
- Trade time only 22-5 GMT general for all pair. A backtest result show if EURUSD pair make more then half of it's profit at 20-1. Just do a backtest, to find a specific time trading on each pair. On my research, do not miss any trade between 22-1 GMT.
- No trade at fist 2 hours on Monday. Many surprise move here.
- No trade on Friday Trade after 8 GMT.
- No trade on 3 times spread period. It's mean no trade above 20 December and first week of Year.

Daily filter:

- No trade if previous Daily close above/below 2 deviation of Bollinger Bands.
You can avoid this rule to set TradeOutsideBand's value TRUE.
- No trade if current 5 Period of Daily Chart showing above MaxDayAtr.
- No trade if last day range is too low. I define too low if yesterday high – yesterday low less then current 5 days ATR.
You can avoid this rule to set TradeLowRangeDay value TRUE.

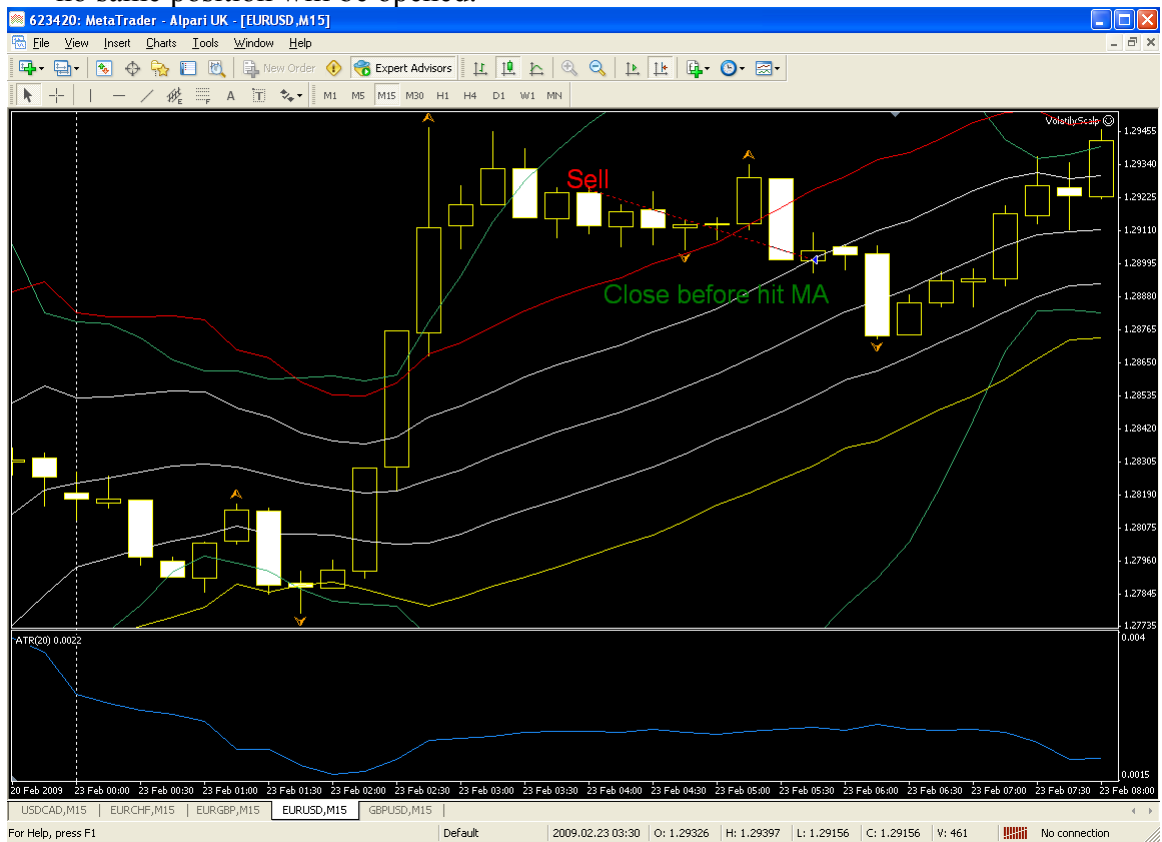
Entry Rules:

1. Main rule and Time based filter must to be followed.
2. No trade outside Upper and Lower channel. If price penetrate both 2nd deviation of Keltner Channel and Bollinger Bands then no trade execute here.
3. Because we Buy below MA, and Sell above MA, used twice of pair spread as a minimum range between current closing price and MA for the entry. This is to filter a market that it's range only between their spread, and also a natural filter if the spread of the pair go wide.
4. Compare the maximum value between twice spread and last previous (not current) 20 ATR. Witch one the maximum, this our real filter for entry. Let's we say this is our Signal Filter.
5. If the range between current closing price and MA as much as our Signal Filter, look 1 M Chart for the last confirmation. We only sell when the price tick up, and buy when price tick down. Therefore use WPR(20) at 1 M chart, wait for its value below -80 to go Long, and wait for it's value above -20 to go Short.
6. We do Cost Averaging use the same rule above, and use the Signal Filter as minimum range between two same open positions.

The Target and exit rule:

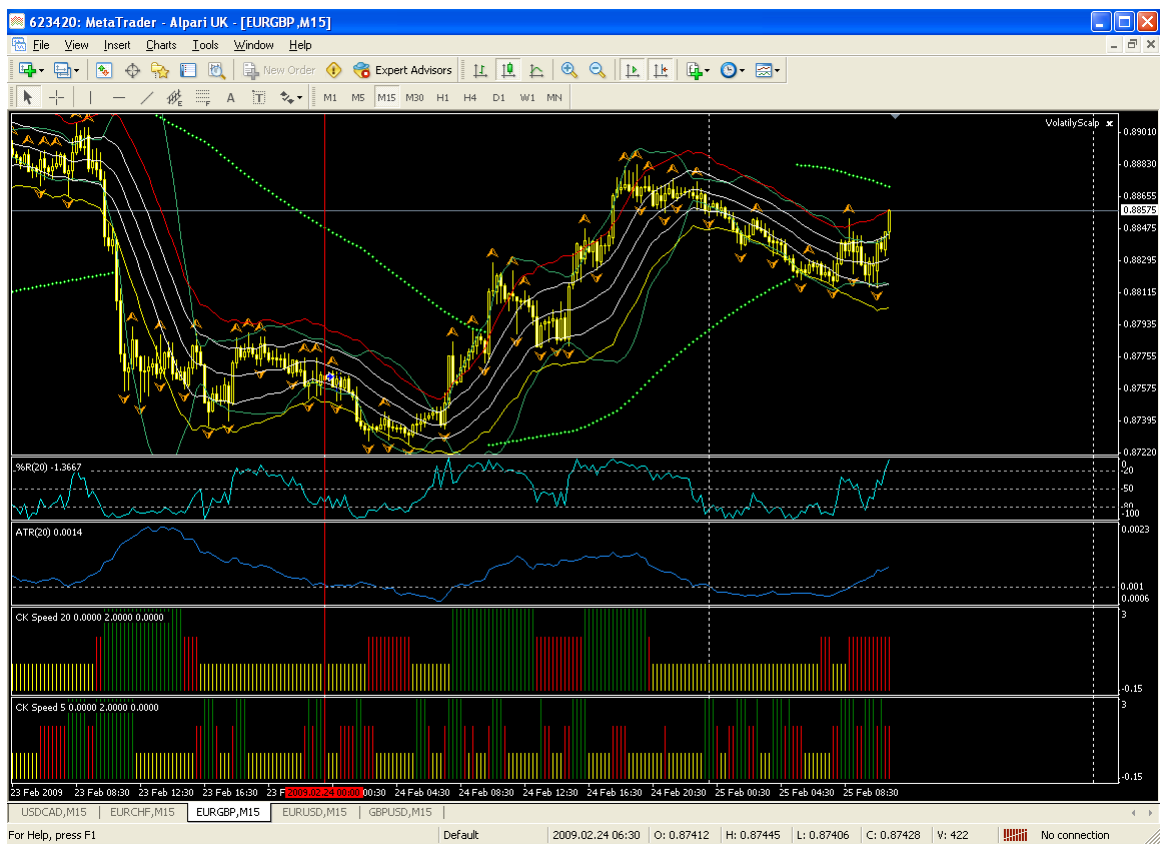
It is hard to explain the way to exit but this is the common rule:

- The main target of this system is to make profit in pips (it can sum of profit in pips if we have more than 1 same open position) as much as our Signal Filter (That's why we are not scalper). If we get this target before touching 3 place below, then no same position will be opened.



If this happen, the EA will not take any Short position again, but still to take Long position.

- There are 3 places to close our position no matter how much our profit/loss. First place is the mean or MA, second is the first deviation of Keltner Channels, and the last the second deviation of Keltner Channels. The decision to close or not in each place, to be confirm with CK_Speed Indicator.
- Mostly if price hit the MA in trading time, we have make profit there. If it's not the situation, then it's become a difficult decision to make here. To close accepting the current loss, or to hold the trade to expect the price to penetrate the first deviation even the second deviation as the final target with no reason anymore. Therefore if you have any others strategy on exit at this condition, then trade it manual, specially if trading time has been passed, but keep respect to use stop loss.

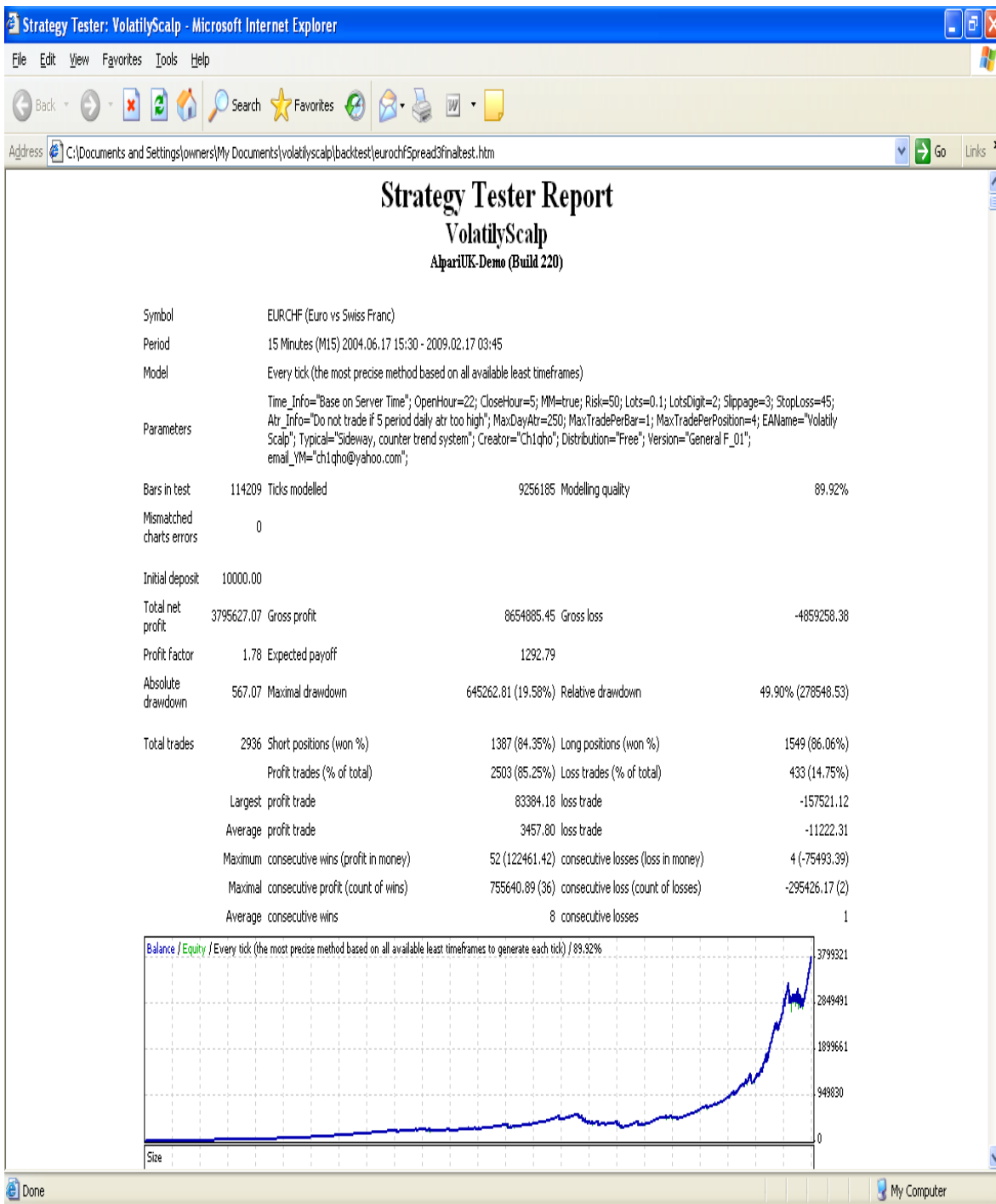


This picture shows such this condition. I have a Long position on red line. Meet this situation, I close my Long position when price penetrate the first deviation of Keltner Channel (White Color) and accept a loss.

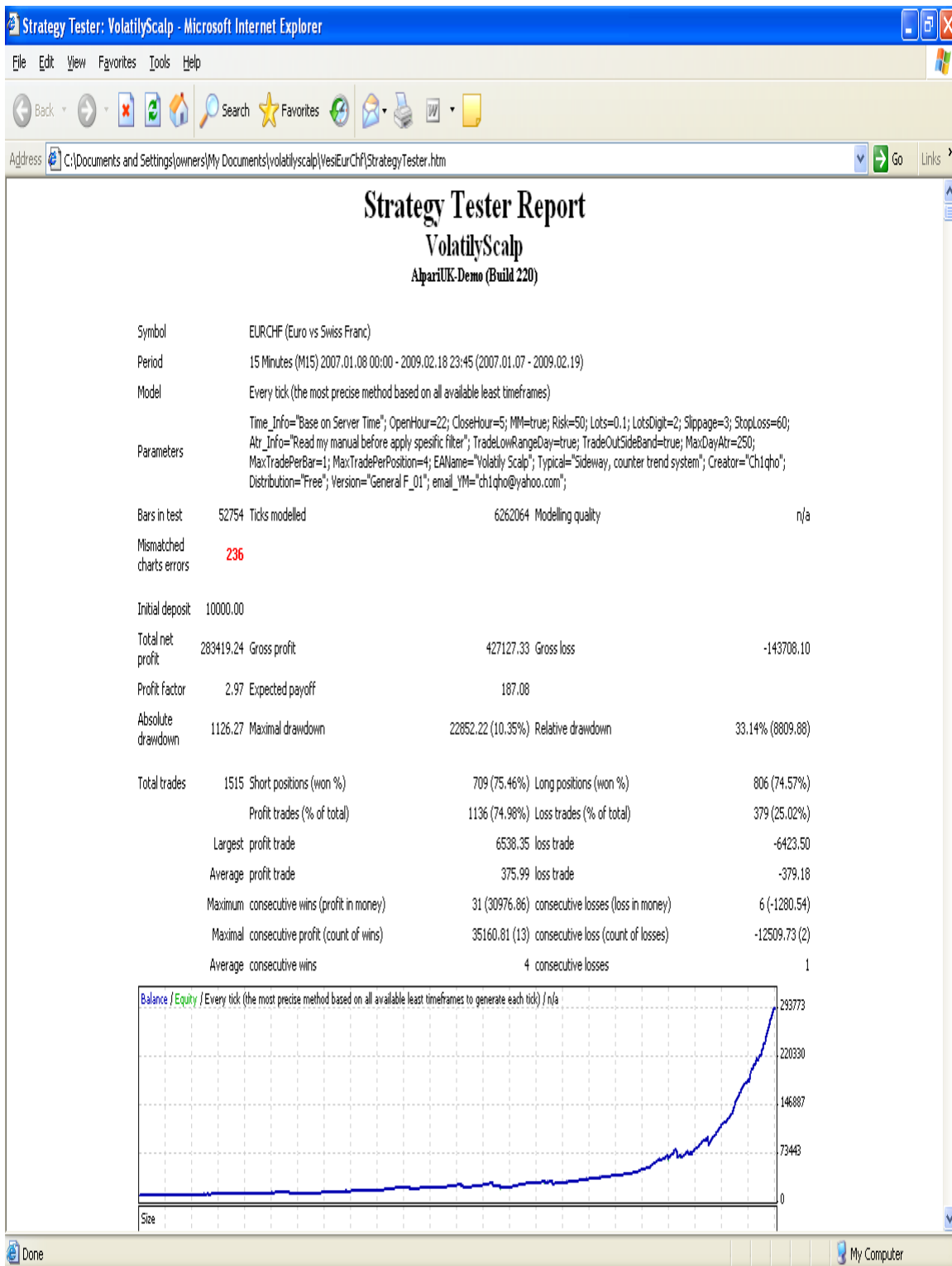
- The last rule in exit position, the EA only looking for profit (summing) as much as 1 pips, if trading time has been passed. Therefore try to avoid last hour trade if there are no more an open position.

What Pair to Trade

Early, I create this system to trade EURUSD pair. But a wide range on EURUSD pair since August 2008 make this system suffered a huge drawdown. A surprising result comes when I try to test on other pair. A superior result come on EURCHF pair (using 3 spread and 3.8 spread) and EURGBP(using 3 spread) in back testing using history data from Alpari (starting 2004 as they have). And also a positive result (as long as profitable) on USDCAD and GBPCHF with the same period, and without any modification both entry and exit rule.



This is my first release result on EURCHF. My history still clear here till 30 January 2009.



I make a change on exit rule, and apply a rule to reduce number of trade, and minimized any huge loss by changing its exit rule (this what You have right now). Almost a half number of trade I reduce. While at the same time, amount profit/loss in \$ almost equal.

Unfortunately the number of win percentage decrease, this is because there are a lot of loss taken, and also reduce the total profit during back testing period. Just be careful, this back test result uses a high risk, 50% risk from capital each time.

EURUSD

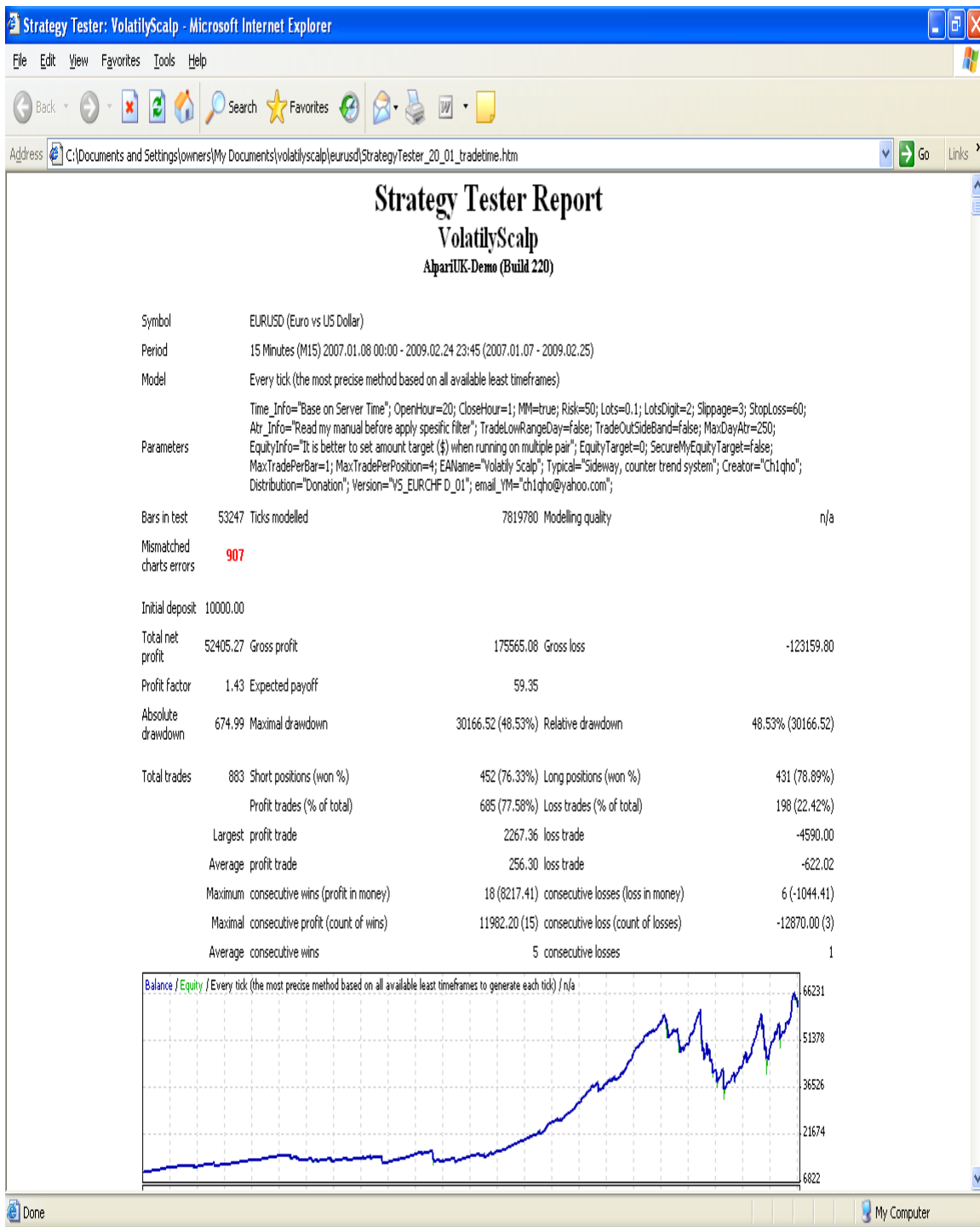


This my first work at EURUSD, I use 200 MaxDayATR and 45 SL. A huge drawdown here. Seem dangerous to leave it alone.

If we use this EURCHF version to EURUSD:



A lot mismatched bar error here. Several filter apply here. I turn the TradeLowRangeDay to FALSE, and TradeOutsideBand to FALSE
 Change the trade time give another perspective. I use trade time to 20-1, make this EA no trade on Monday market opening. I give much attention to EURUSD pair, since this where the EA start however.



Use Open hour 20 and close hour 1 GMT.

EURGBP

Strategy Tester: VolatilityScalp - Microsoft Internet Explorer - [Working Offline]

File Edit View Favorites Tools Help

Address: C:\Documents and Settings\owners\My Documents\volatilityscalp\backtest\eurogbpspread3_20_05.htm

Strategy Tester Report

VolatilityScalp

AlpariUK-Demo (Build 218)

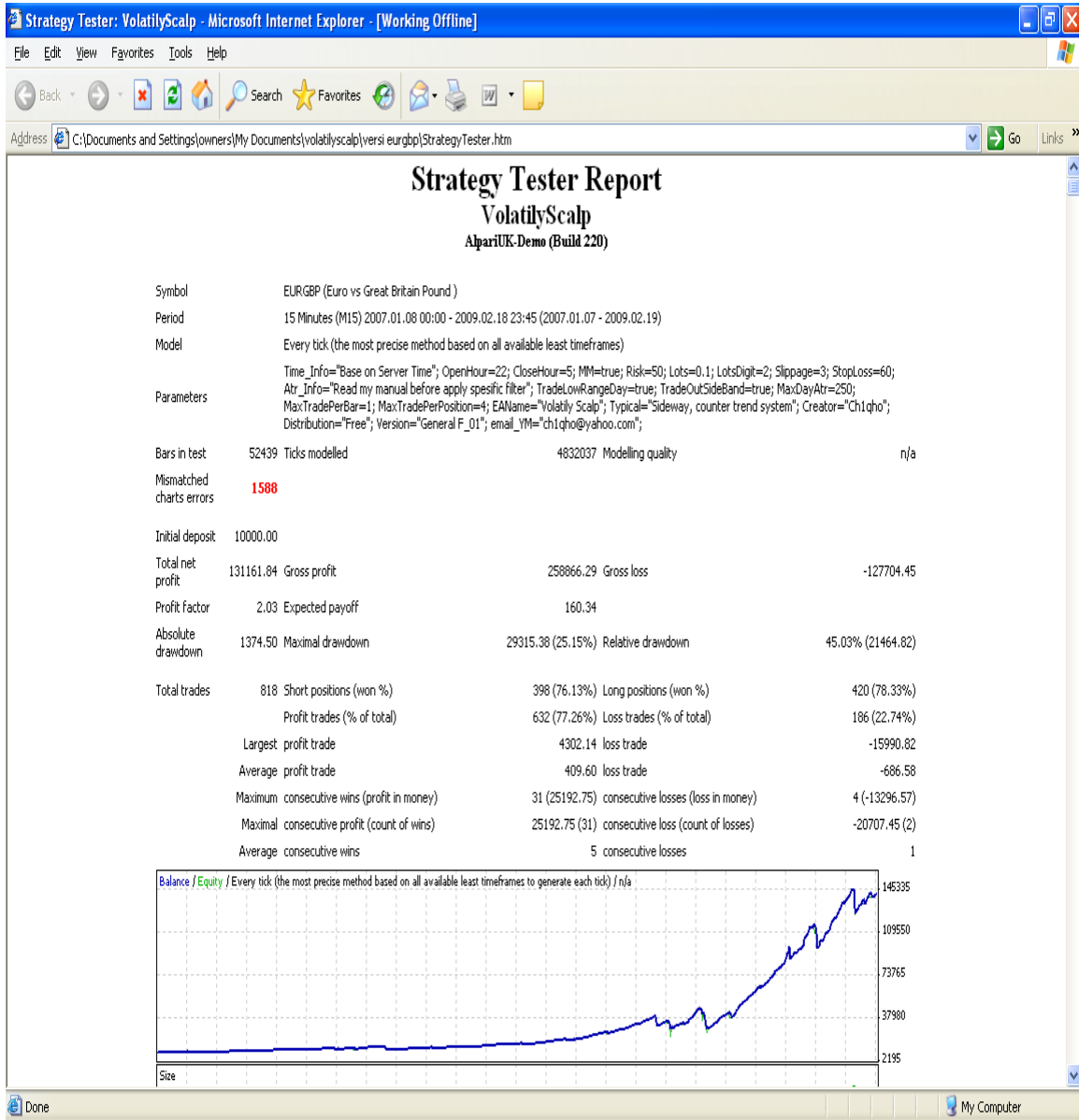
Symbol	EURGBP (Euro vs Great Britain Pound)		
Period	15 Minutes (M15) 2007.01.08 00:00 - 2009.01.30 22:45 (2007.01.06 - 2009.01.31)		
Model	Every tick (the most precise method based on all available least timeframes)		
Parameters	Time_Info="Base on Server Time"; OpenHour=20; CloseHour=5; MM=true; Risk=50; Lots=0.1; LotsDigit=2; Slippage=3; StopLoss=45; Atr_Info="Do not trade if 5 period daily atr too high"; MaxDayAtr=200; MaxTradePerBar=1; MaxTradePerPosition=4; EANName="Volatility Scalp"; Typical="Sideway, counter trend system"; Creator="Ch1qho"; Distribution="Free"; Version="General F_01"; email_YM="ch1qho@yahoo.com";		
Bars in test	51198 Ticks modelled	4137296 Modelling quality	n/a
Mismatched charts errors	491		
Initial deposit	10000.00		
Total net profit	236022.71 Gross profit	363185.74 Gross loss	-127163.03
Profit factor	2.86 Expected payoff	221.83	
Absolute drawdown	882.38 Maximal drawdown	42351.83 (45.75%) Relative drawdown	45.75% (42351.83)
Total trades	1064 Short positions (won %)	521 (82.15%) Long positions (won %)	543 (87.29%)
	Profit trades (% of total)	902 (84.77%) Loss trades (% of total)	162 (15.23%)
	Largest profit trade	14238.60 loss trade	-7323.75
	Average profit trade	402.64 loss trade	-784.96
	Maximum consecutive wins (profit in money)	43 (115777.43) consecutive losses (loss in money)	5 (-531.84)
	Maximal consecutive profit (count of wins)	115777.43 (43) consecutive loss (count of losses)	-24115.99 (4)
	Average consecutive wins	8 consecutive losses	1

Balance / Equity / Every tick (the most precise method based on all available least timeframes to generate each tick) / n/a

Size

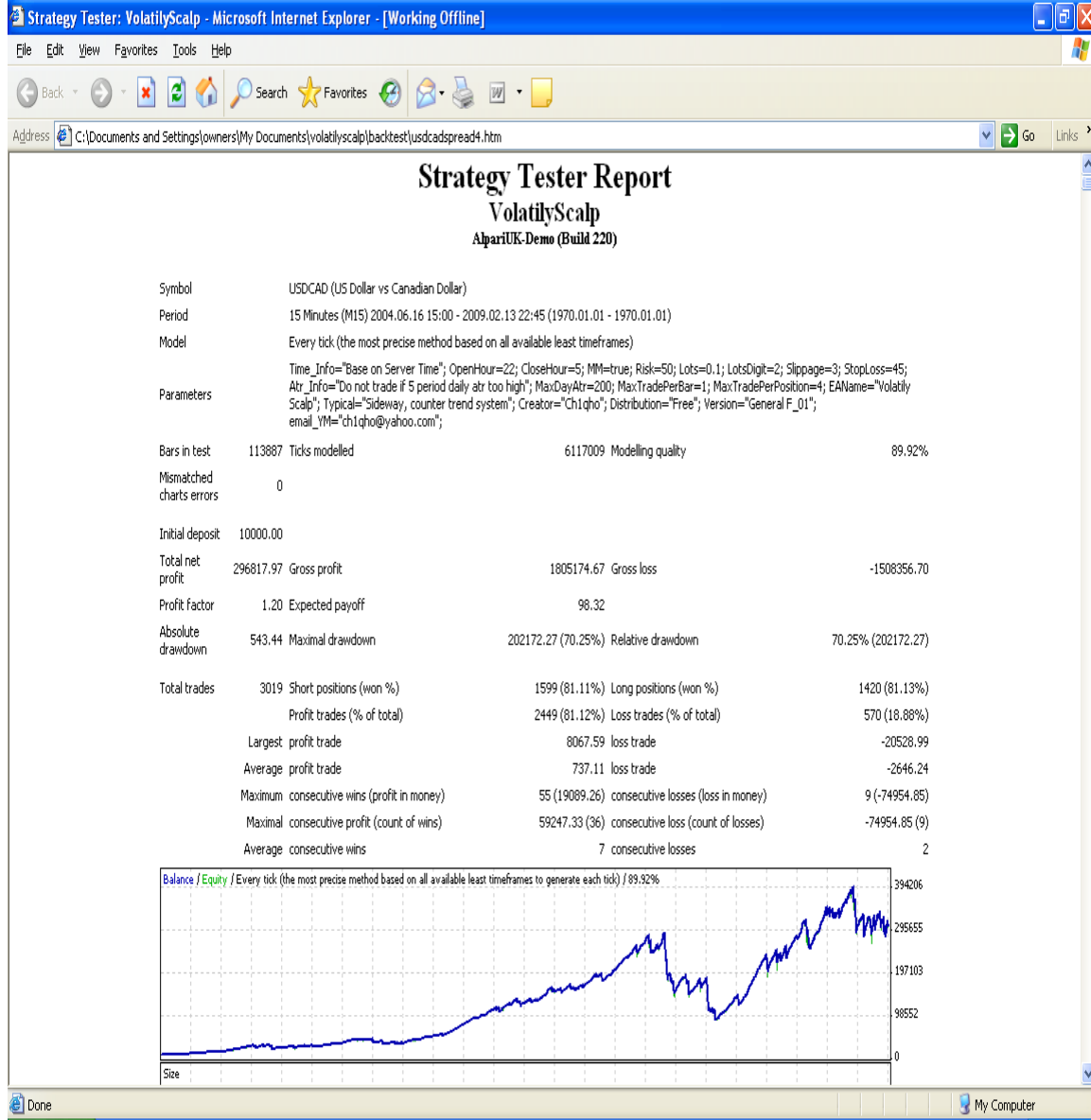
Done My Computer

This first release result using Spread 3 on backtest.



Use EURCHF version. Again a lot of Bars error here. It seems a lot wrong cut loss action here.

USDCAD



First release, on USDCAD, huge drawdown.

Strategy Tester: VolatilityScalp - Microsoft Internet Explorer - [Working Offline]

File Edit View Favorites Tools Help

Address C:\Documents and Settings\owners\My Documents\volatilityscalp\usdcad\StrategyTester.htm

Strategy Tester Report

VolatilityScalp

AlpariUK-Demo (Build 220)

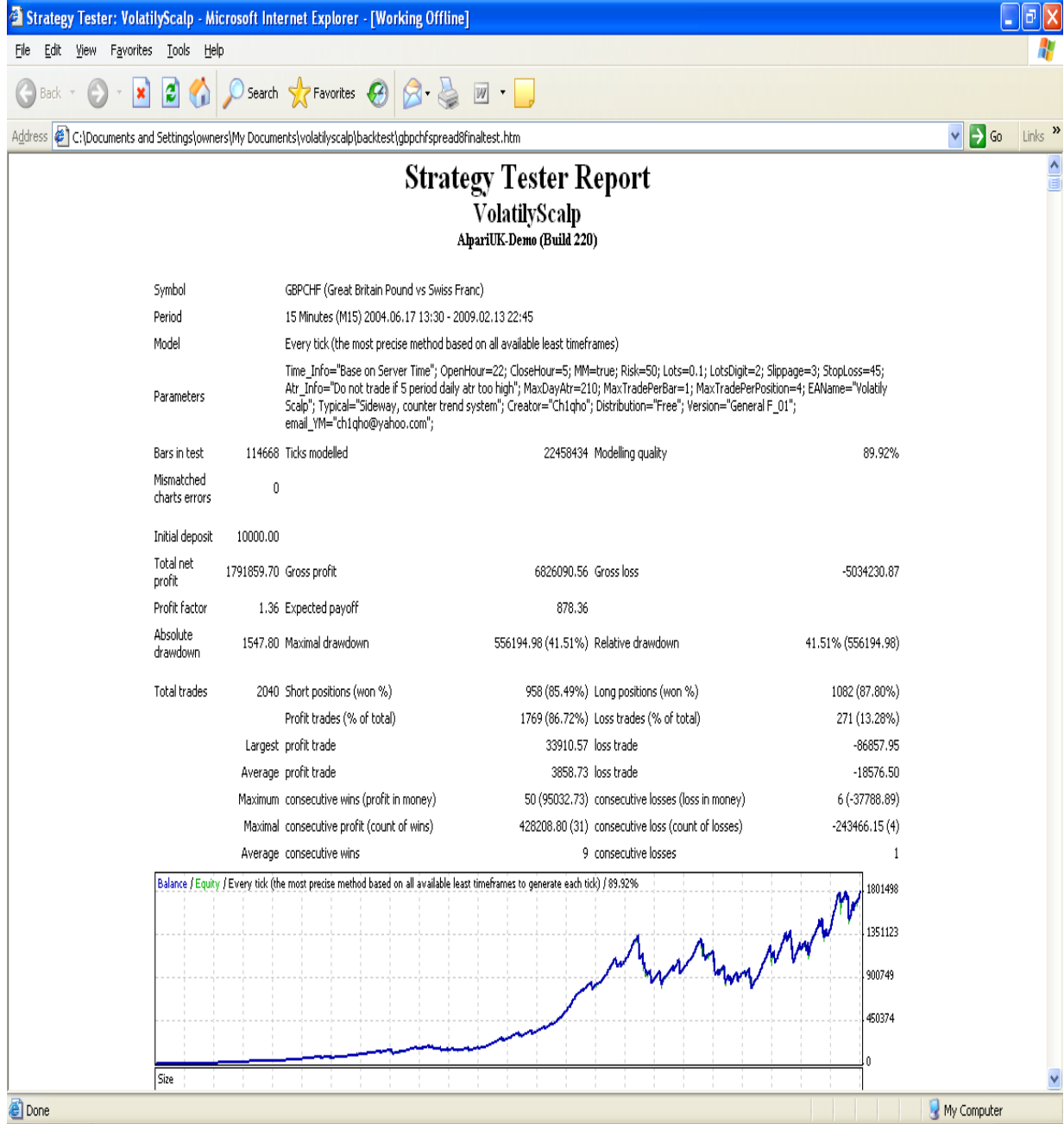
Symbol	USDCAD (US Dollar vs Canadian Dollar)		
Period	15 Minutes (M15) 2007.01.08 00:00 - 2009.02.26 23:45 (2007.01.07 - 2009.02.27)		
Model	Every tick (the most precise method based on all available least timeframes)		
Parameters	Time_Info="Base on Server Time"; OpenHour=22; CloseHour=5; MM=true; Risk=50; Lots=0.1; LotsDigit=2; Slippage=3; StopLoss=60; Atr_Info="Read my manual before apply specific filter"; TradeLowRangeDay=false; TradeOutSideBand=false; MaxDayAtr=250; EquityInfo="It is better to set amount target when running on multiple pair"; EquityTarget=0; SecureMyEquityTarget=false; MaxTradePerBar=1; MaxTradePerPosition=4; EAName="Volatility Scalp"; Typical="Sideway, counter trend system"; Creator="Ch1qho"; Distribution="Donation"; Version="VS_EURCHF_D_01"; email_YM="ch1qho@yahoo.com";		
Bars in test	53109 Ticks modelled	3601397 Modelling quality	n/a
Mismatched charts errors	661		
Initial deposit	10000.00		
Total net profit	7299.93 Gross profit	92510.79 Gross loss	-85210.87
Profit factor	1.09 Expected payoff	6.97	
Absolute drawdown	3439.57 Maximal drawdown	22779.97 (63.75%) Relative drawdown	63.75% (22779.97)
Total trades	1047 Short positions (won %)	513 (72.32%) Long positions (won %)	534 (69.48%)
	Profit trades (% of total)	742 (70.87%) Loss trades (% of total)	305 (29.13%)
Largest profit trade	696.27 loss trade		-2557.63
Average profit trade	124.68 loss trade		-279.38
Maximum consecutive wins (profit in money)	23 (4744.68)	consecutive losses (loss in money)	9 (-5419.47)
Maximal consecutive profit (count of wins)	4744.68 (23)	consecutive loss (count of losses)	-9230.03 (4)
Average consecutive wins	4 consecutive losses		2

Balance / Equity / Every tick (the most precise method based on all available least timeframes to generate each tick) / n/a

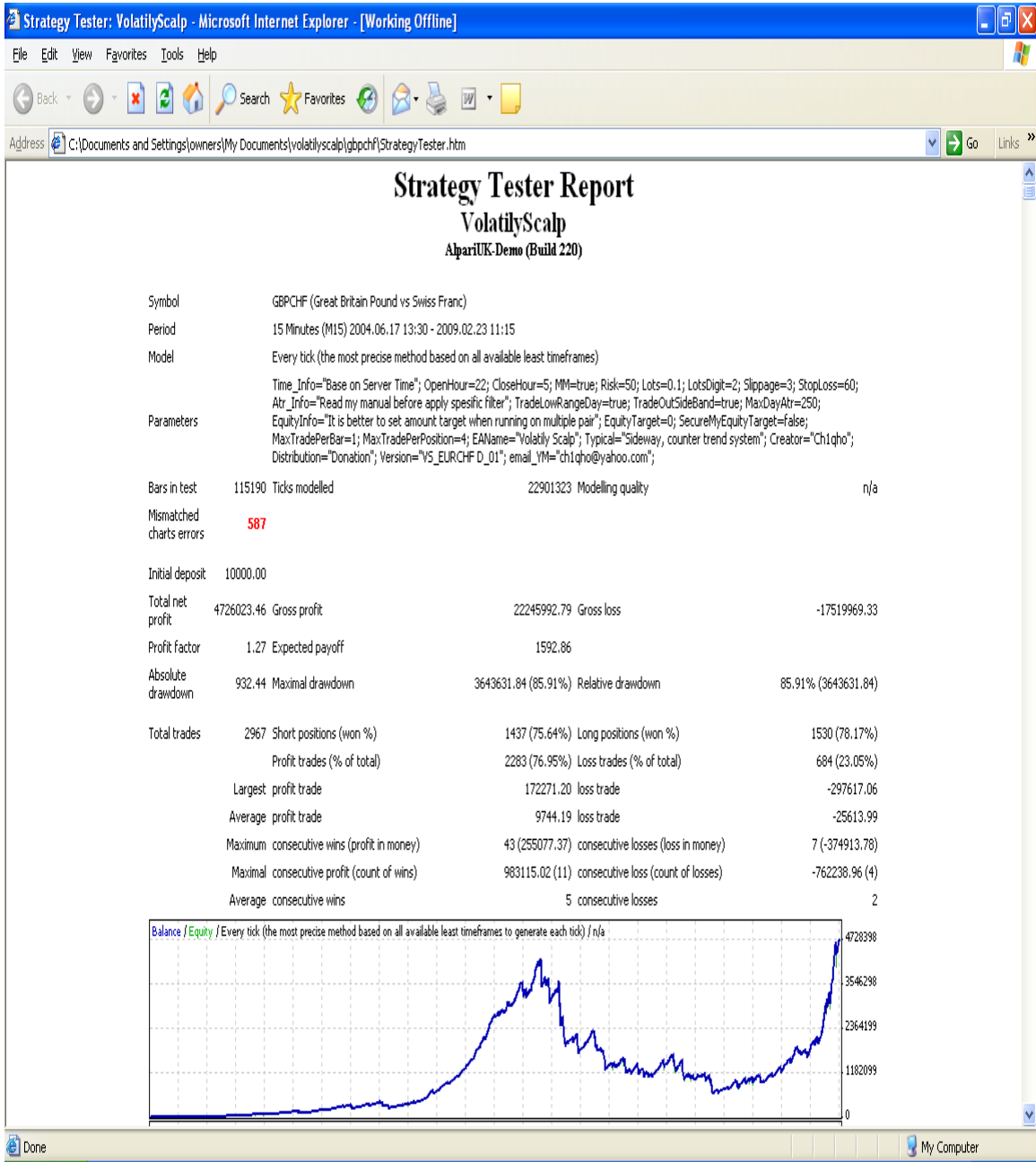
Done My Computer

Using EURCHF version, seem bad. Backtest use only 2 years data.

GBPCHF or GBPUSD



This is my first release result on GBPCHF. Interesting result, on high spread pair.



This using EURCHF version. No Comment. ☺

GBPUSD

I don't have much historical data on this pair. I try several time to download from Alpari give me a broken link. But on my personal judgment, compare the result between EURUSD, EURCHF, and USDCHF the result from USDCHF is the worst. A positive result from GBPCHF makes me to conclude that it should be worked on GBPUSD. But however need a real data tick to do back test before take any conclusion.

What I see from all back test show another interesting one. Mostly the drawdown period between mayor pair and cross pair come in different time. For example a huge drawdown suffered on EURCHF from January 2007 till March, while the same period EURUSD and USDCAD enjoy a good result. Compare to period from August till now, show a different situation. Mostly mayor pair suffered a huge drawdown here, while cross pair make a ton of pips.

Programming Section:

Because I do not include any source code than here my explanations about all indicators:

- CK_Speed
This indicator has 3 buffers.
1st buffer is the Green color, its value 3 if Green, others 0.
2nd buffer is the Red color, its value 2 if Red, others 0.
3rd buffer is the Yellow color, its value 3 if Green, others 0.
double speed1=iCustom (Symbol (),0,"CK_Speed",20,50,0,0);
double speed2=iCustom (Symbol (),0,"CK_Speed",20,50,1,0);
double speed3=iCustom (Symbol (),0,"CK_Speed",20,50,2,0);
- Keltner Channels
#property indicator_buffers 5
#property indicator_color1 White→ 1st Up Deviation
#property indicator_color2 White→ Middle
#property indicator_color3 White→ 1st Low Deviation
#property indicator_color4 Red→ 2nd Up Deviation
#property indicator_color5 Yellow→ 2nd Low Devifation

Disclaimer

Any losses on your trade by using this EA or any material on this book become your own responsibility. You can use this EA as long as you want no matter with or without donation. Any change on this version will

INSTALLATION INSTRUCTION

Make sure your platform is the latest version, or you have to upgrade it to latest version before doing installation. Using older version, may hang your terminal.

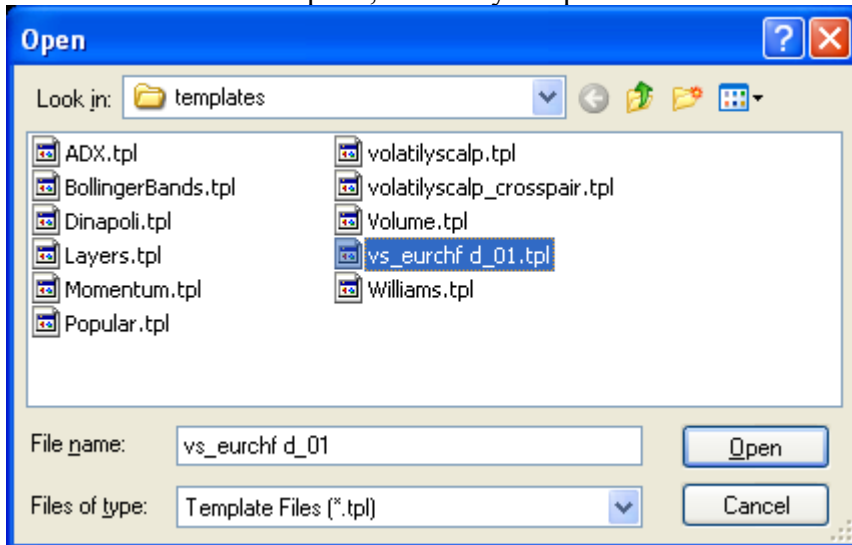
The zip/rar files should include these files:

1. VS_EURCHF D_01.doc, this you are reading.
2. VS_EURCHF D_01.EX4, this is the EA.
This file must be located at: C:\Program Files\Your MetaTrader \experts
3. CK_Speed.ex4, this is indicator
This file must be located at: C:\Program Files\Your MetaTrader \experts\ indicators
4. Keltner Channels.ex4 another indicator
This file must be located at: C:\Program Files\Your MetaTrader \experts\ indicators
5. vs_eurchf d_01.tpl a template file
This file must be located at: C:\Program Files\Your MetaTrader \templates
6. volscapmayor.set, this is the configuration for mayor pair
This file must be located at: C:\Program Files\Your MetaTrader \experts \presets
7. volscapcross.set, this is the setting for cross pair
This file must be located at: C:\Program Files\Your MetaTrader \experts \presets

Now, load the template :

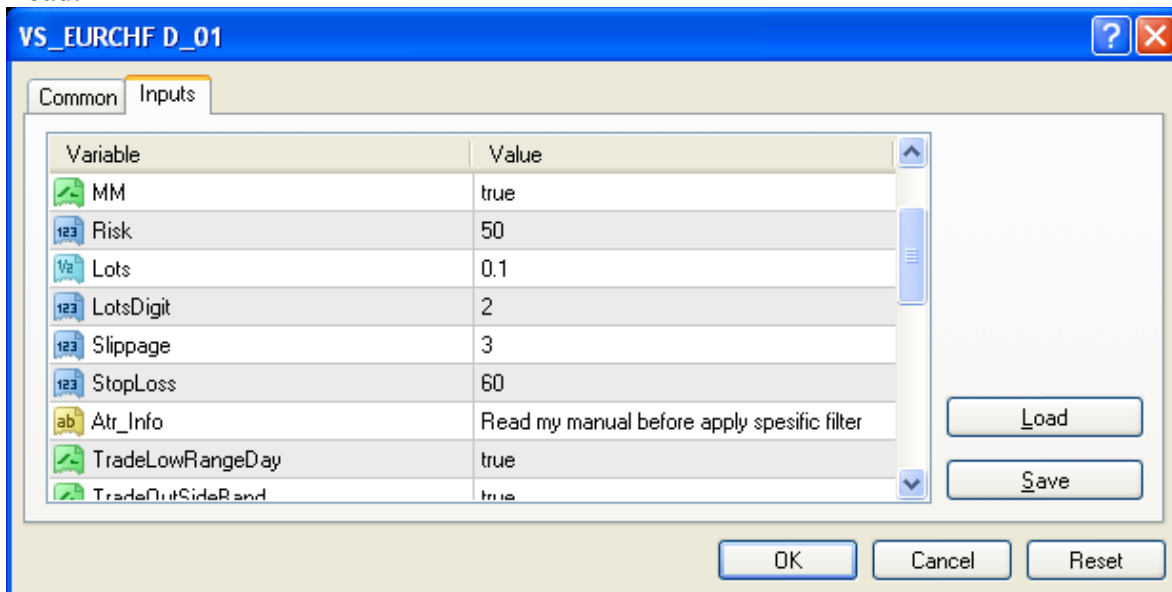


You should see the template, select my template

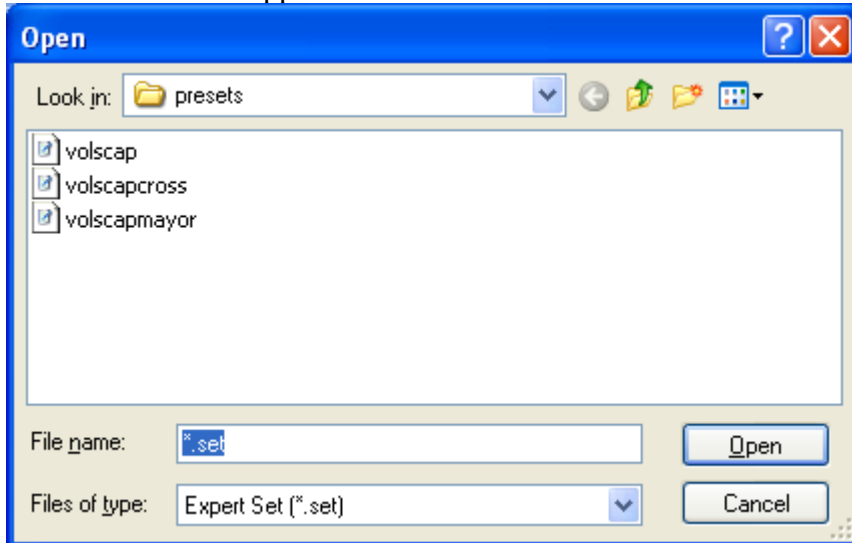


Well done. My template will appear on your current pair.

Let's configure the EA. On Your current pair press F7. This box will appear. Then click Load:



Then this box will appear:



If you pair a cross pair, then you should select **volscapcross**, otherwise you select volscapmayor. Click open, the previous box will appear, click ok. Done here, you don't need to read next page.

ADVERTISE

To Keep Economic Grows

1. If you have any idea about any system and don't know about program than you can contact me, I will make it for you on price that we can negotiate later.
2. If you want to create, or modify this system then:
 - You can start from scratch, all system logic I have explained, and you can use my indicator without any limitation.
 - If you can not program, you can buy my source code on 250\$ and hire another programmer, to keep your idea clean from me, as I could be mistake to release to public.

