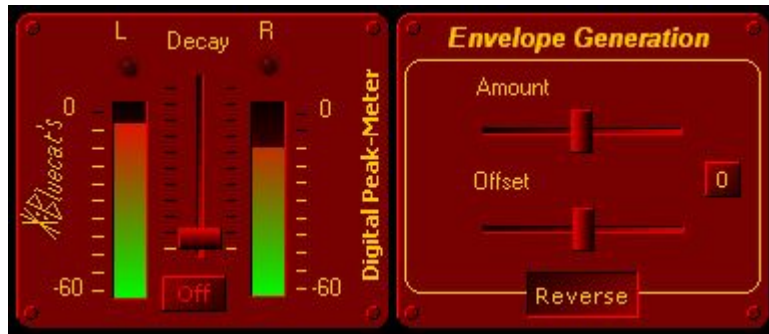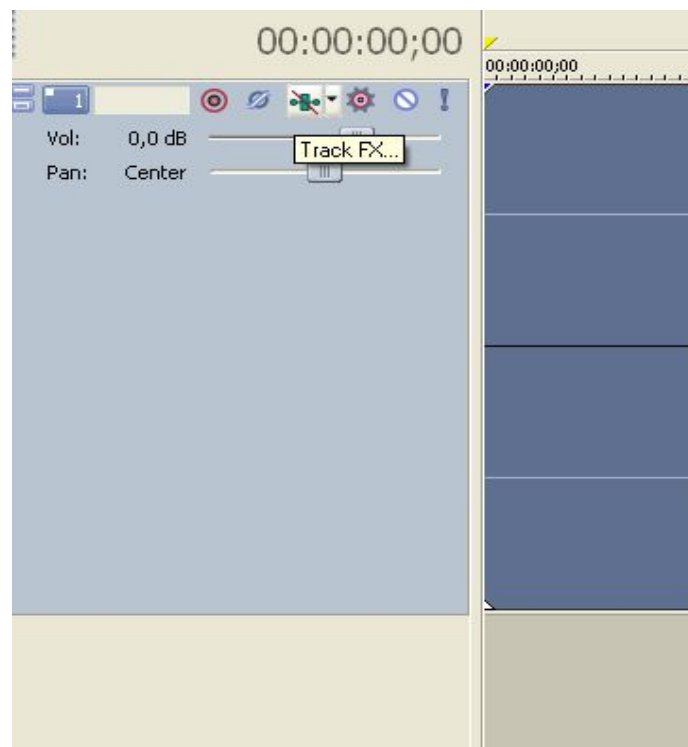# Blue Cat's Digital Peak Meter Pro (DPMP)
Quick Start Guide for Sony Vegas 5
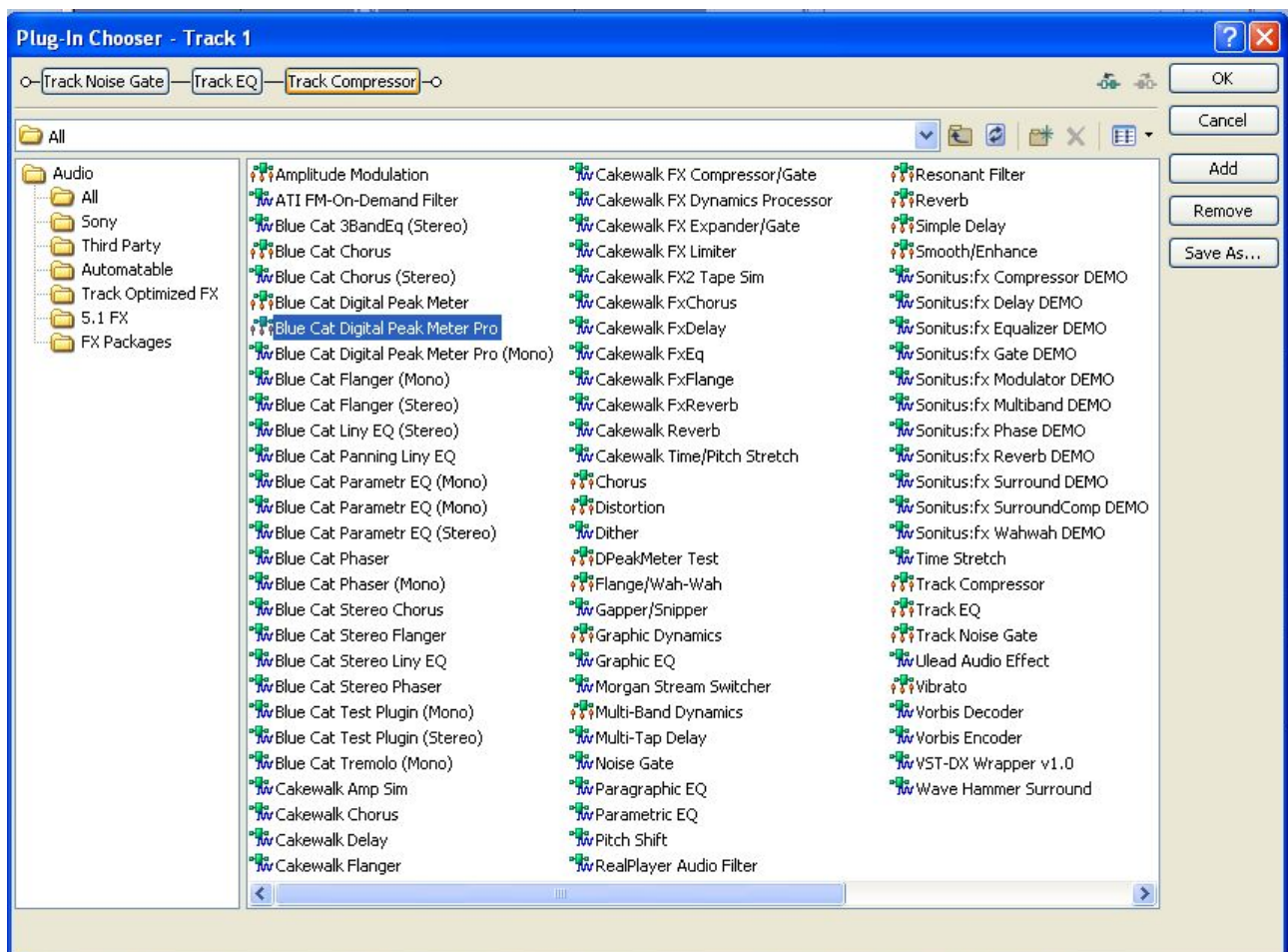
by Guillaume Jeulin
(Blue Cat's Music Software)
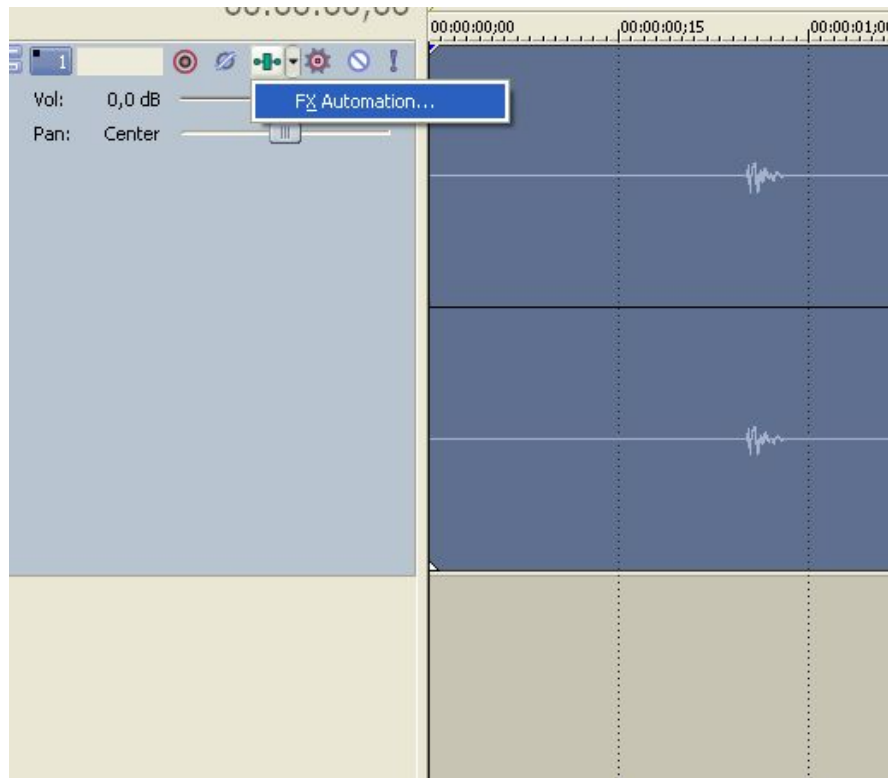http://software.bluecatonline.org

In this tutorial you will learn how to use Blue Cat's Digital Peak Meter Pro in Sony Vegas 5. You will record the peak envelope on a track and use the reversed curve to automate the parameter of another effect on another track.

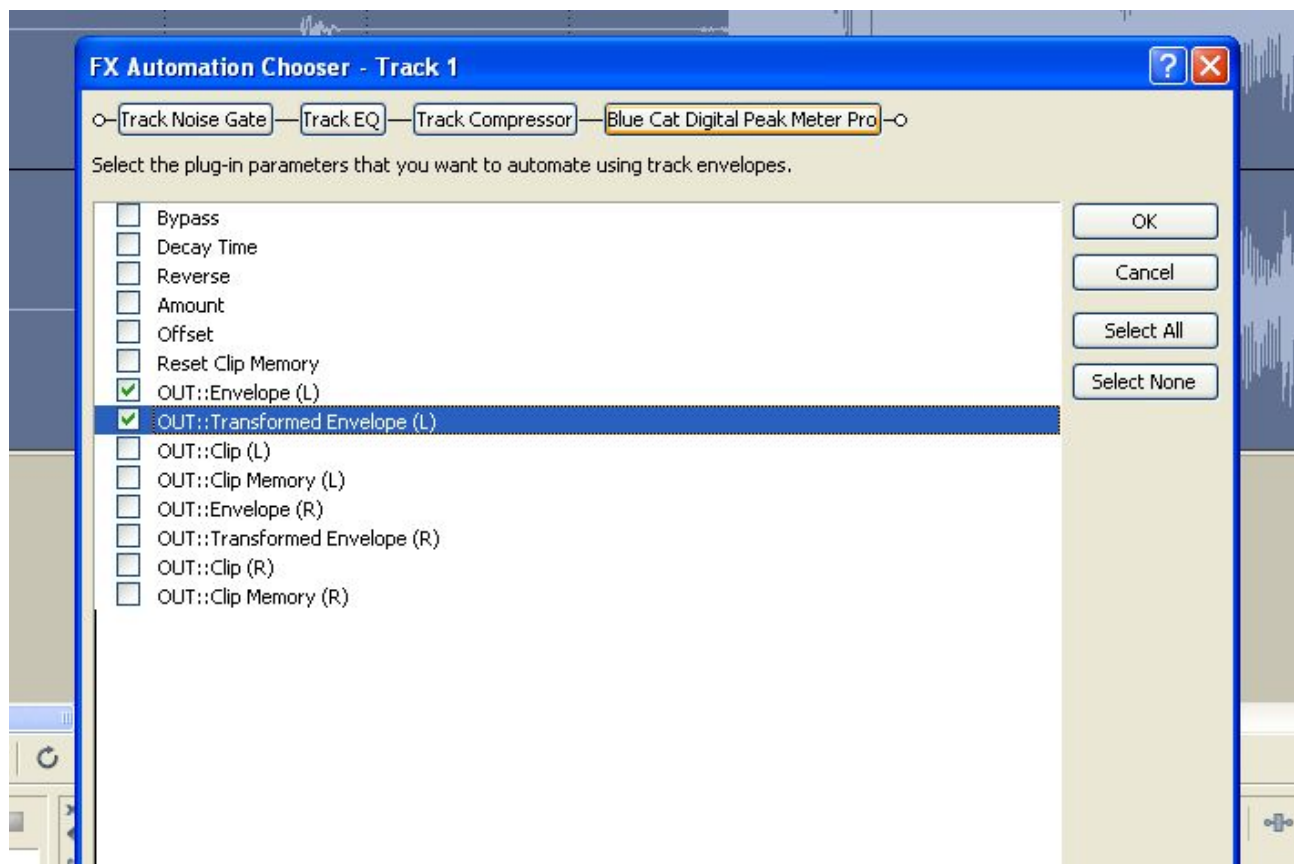## Step 1: Insert Blue Cat's Digital Peak Meter Pro on your track:

Audio Track FX: Track 1

1 Audio Track FX: Track 1

◦─ ☐ Track Noise Gate ── ☐ Track EQ ── ☐ Track Compressor ─◦ Plug-In Chain...

Preset: (Untitled)

SONY. Track Compressor ⊘ About ?

-Inf.

39 36 33 30 27 24 21 18 15 12 9 6 3

-Inf.

Input gain (dB): ───────────☐────── 0 dB

-Inf.

39 36 33 30 27 24 21 18 15 12 9 6 3

-Inf.

Output gain (dB): ───────────☐────── 0 dB

Reduction (dB): 21 18 15 12 9 6 3 0,0

Threshold (dB): ──────────────────☐ 0,0

Amount (x:1): ☐────────────────── 1,0

Plug-In Chooser - Track 1

◦─ Track Noise Gate ── Track EQ ── Track Compressor ─◦

OK Cancel Add Remove Save As...

📁 All

- 📁 Audio
  - 📁 All
  - 📁 Sony
  - 📁 Third Party
  - 📁 Automatable
  - 📁 Track Optimized FX
  - 📁 5.1 FX
  - 📁 FX Packages

Amplitude Modulation	Cakewalk FX Compressor/Gate	Resonant Filter
ATI FM-On-Demand Filter	Cakewalk FX Dynamics Processor	Reverb
Blue Cat 3BandEq (Stereo)	Cakewalk FX Expander/Gate	Simple Delay
Blue Cat Chorus	Cakewalk FX Limiter	Smooth/Enhance
Blue Cat Chorus (Stereo)	Cakewalk FX2 Tape Sim	Sonitus:fx Compressor DEMO
Blue Cat Digital Peak Meter	Cakewalk FxChorus	Sonitus:fx Delay DEMO
Blue Cat Digital Peak Meter Pro	Cakewalk FxDelay	Sonitus:fx Equalizer DEMO
Blue Cat Digital Peak Meter Pro (Mono)	Cakewalk FxEq	Sonitus:fx Gate DEMO
Blue Cat Flanger (Mono)	Cakewalk FxFlange	Sonitus:fx Modulator DEMO
Blue Cat Flanger (Stereo)	Cakewalk FxReverb	Sonitus:fx Multiband DEMO
Blue Cat Liny EQ (Stereo)	Cakewalk Reverb	Sonitus:fx Phase DEMO
Blue Cat Panning Liny EQ	Cakewalk Time/Pitch Stretch	Sonitus:fx Reverb DEMO
Blue Cat Parametr EQ (Mono)	Chorus	Sonitus:fx Surround DEMO
Blue Cat Parametr EQ (Mono)	Distortion	Sonitus:fx SurroundComp DEMO
Blue Cat Parametr EQ (Stereo)	Dither	Sonitus:fx Wahwah DEMO
Blue Cat Phaser	DPeakMeter Test	Time Stretch
Blue Cat Phaser (Mono)	Flange/Wah-Wah	Track Compressor
Blue Cat Stereo Chorus	Gapper/Snipper	Track EQ
Blue Cat Stereo Flanger	Graphic Dynamics	Track Noise Gate
Blue Cat Stereo Liny EQ	Graphic EQ	Ulead Audio Effect
Blue Cat Stereo Phaser	Morgan Stream Switcher	Vibrato
Blue Cat Test Plugin (Mono)	Multi-Band Dynamics	Vorbis Decoder
Blue Cat Test Plugin (Stereo)	Multi-Tap Delay	Vorbis Encoder
Blue Cat Tremolo (Mono)	Noise Gate	VST-DX Wrapper v1.0
Cakewalk Amp Sim	Paragraphic EQ	Wave Hammer Surround
Cakewalk Chorus	Parametric EQ	
Cakewalk Delay	Pitch Shift	
Cakewalk Flanger	RealPlayer Audio Filter	

Step 2: Choose what automation curves you want to record
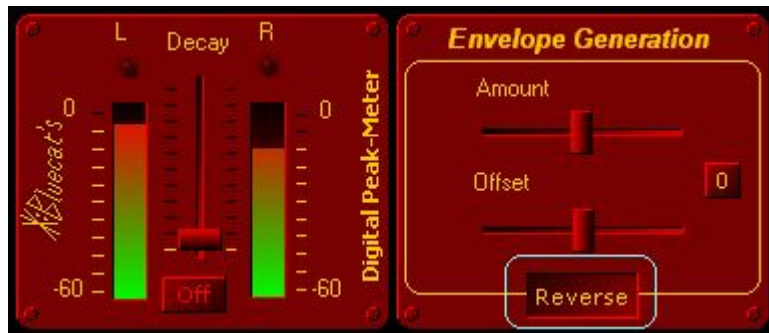

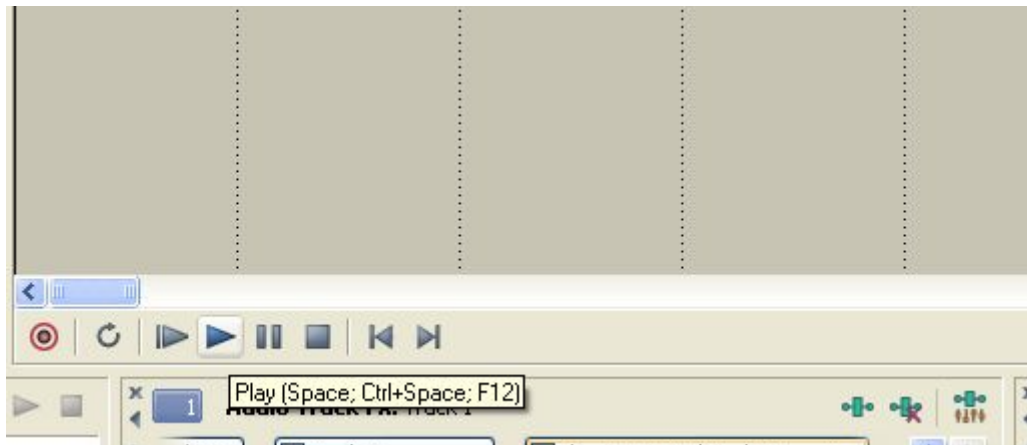We choose here to record the left enveloppe and the left transformed envelope:

Step 3: Choose your Digital Peak Meter Pro options for the transformed envelope

We choose here to revert the envelope:

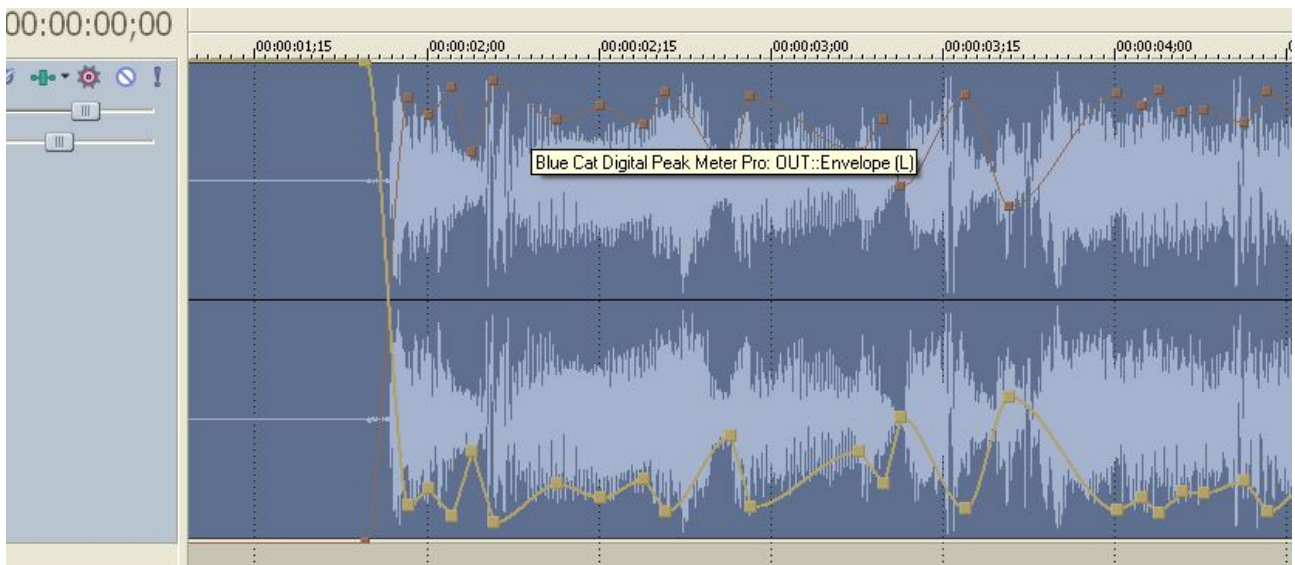## Step 4: Record automation envelopes

Simply click on the 'play' button:

Warning: due to a bug in Vegas the Graphic User Interface (GUI) of the Digital Peak Meter needs to be active when recording.

Step 5: See the result

Here you are: you recorded the envelope and the reversed envelope of your audio signal.

You can now assign your envelopes to any parameter of any other effect (audio or not, in the same track or not).

Step 6: insert an effect and creates its automation curves for one parameter

We choose here to create the envelope of the gain of one band of Blue Cat's Liny EQ on track2:
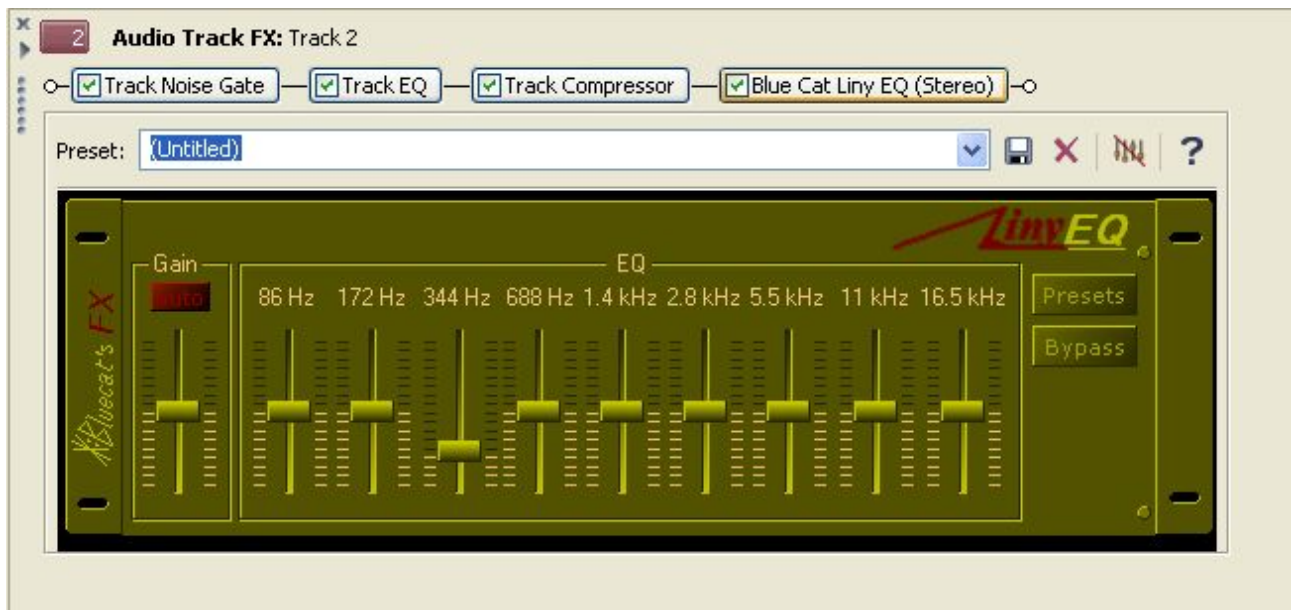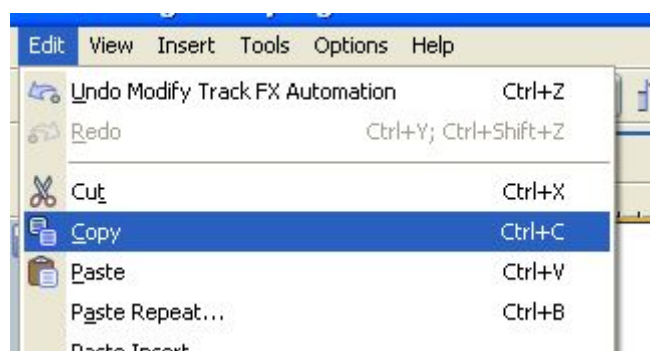

To insert the effect and create the automation envelope please follow the same steps as for the digital Peak Meter pro.

Step 7: Copy DPMP transformed envelope

Use the envelope editing tool to select the envelope and the time period you want to copy:
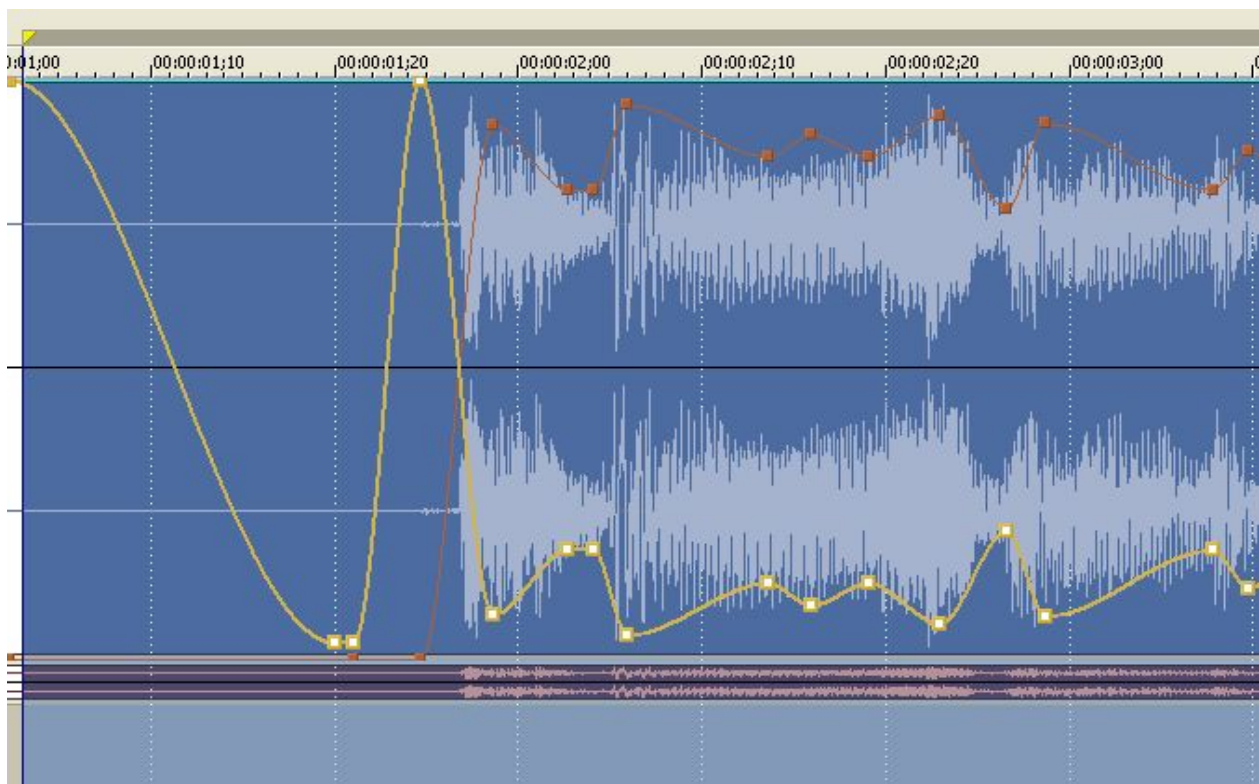
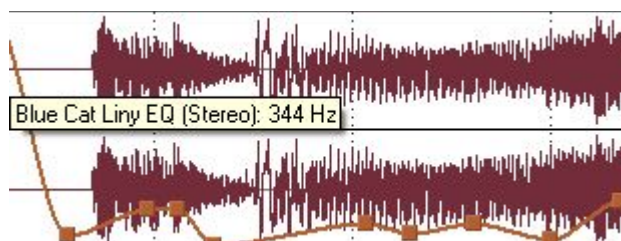Copy (from the menu or Ctrl-C)

Step 8: Paste the transformed envelope on track 2

Select the parameter envelope you previously created:

Copy the envelope (CTRL-V or "Edit" Menu / Paste), and here you are:

You have assigned the reversed peak envelope of track 1 to track 2 Equalizer 344 Hz Band Gain. You have a created a side chain multi-band compressor in a few clicks!

You can use the same method for any other parameter of any effect, for example use your audio track to control your video effects and thus have a perfect synchronization between your sounds and your video automatically.

Optimal Settings:

In order to reduce latency between recorded automation and the real audio track and improve overall automation recroding precision, try to set the latency of your audio sound card to the minimum value acceptable by your system.

Additionnal information:

For more information about Sony Vegas 5 automation support and GUI please read you user's manual.

For more information about Blue Cat's Music Software Products please visit our website at http://software.bluecatonline.org.