1. Switch to the **Lenticular** tab and press **Generate Pitch Test** button. The following dialog will appear.

Pitch(lpi)	75	Width of band(mm)	8
Test step(lpi)	0.1	Length of band(mm)	140
Resolution(ppi)	600	Interval(mm)	5
Number of bar is in Note: Th doub	n negative and p ne total amount ble of this numb	positive search direction: of bands equals er plus one.)	s: 5
Lerses orientation:	O Horizontal • Vertical	V	Frame
			1
Mode <u>Stan</u>	dard 💌		2
Mode Stan	dard ▼	Change color	2
Mode Stan	dard ▼ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Change color r - Canon iP4200 D pixels per inches ge printer	2
Mode Stan	dard ▼ 2 2 2 2 2 2 2 3 2 3 2 3 2 3 2 3 3 3 3	Change color r - Canon iP4200 D pixels per inches ge printer	2

- 2. Input Ipi value in the field Pitch.
- 3. Input the resolution value. To discover the resolution of your printer, press **Change printer** button, at the lower part of the dialog and choose the necessary printer. After that, the resolution of the printer will be displayed in the **Print Settings** field. Then, just input this value in the field **Resolution**.
- 4. Press Generate.

All the rest values are set by default, it is not necessary to change them.

 After that, select Project->Print preview menu command or press Ctrl+P hot key.

The print preview window will appear.

- 6. Press **Print Setup** button and set the highest print quality in the appeared dialog.
- 7. Press Print.

Note: For the pitch test use the same paper as for lenticular pictures.

The following should come out:



You can see a thin line perpendicularly to the pitch bands above them. Apply a lens to the paper, so that, the line does not look broken, but it is still an entire line.

Then, changing your viewing angle, try to find a band on the pitch test on which all stripes are changing their color simultaneously. That's mean, there is no waves on a band.

At the picture below it is the fourth band from the right side. You can see that it is evenly colored in the light-gray, while the other bands do not. They have some waves throughout the length.



Changing your viewing angle, you can see that the band is switching its color very evenly.

At the picture below it is whole colored in black without any waves.



That's mean we should take the value, specified **above** this very band and use them when encoding a picture for these plastic and paper. For example, we got value 75,55. We input this value in the field Pitch (lpi) on the **Lenticular** tab before generating.

Triaxes 3DMasterKit - Project				
Project Edit Yjew Layers Help				
0 2 2 3 0 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
Navigator			444	×
☞×團 對於 图其器 ▶]∞○			/	
Frames Stereoscope Anaglyph Direct view Interlace Lenticular Print size Might (mm) 3450 Alignment marks (number of lines) 10 Lenticular Height (mm) 1112.9 Opt. res 1359.90 ppi 0 0	s orientation Lens Horizontal Pitch	pitch	Advanced O Bilinear (fast) Bicubic (high quality)	Generate To file
Resolution (ppi) 1440 Size: 3456.7 x 1119.6 mm	Vertical (ienerate Pitch Test		
Adjust settings and Making pitch-test before lenticular generation is recom	press Apply butto mended to get th	n to start encoding e best results . Ple:	ase, see the Help (S	ection 2.10.2).
Ready	Scale:	Offset:	[NUM //