At which frequencies do noise masks cause a layer scission?

Hannah
White’s Illusion
Noise masking on White’s illusion

from [Bet+15]
Example of T and X-junctions
Example of layer a scission in a natural scene
Example of layer a scission in a natural scene
When does layer scission appear in masked White’s Illusion?
When does layer scission appear in masked White’s Illusion?
Second example: layer scission in edited natural scenes
Second example: layer scission in edited natural scenes
Second example: layer scission in edited natural scenes
Second example: layer scission in edited natural scenes
Second example: layer scission in edited natural scenes
Second example: layer scission in edited natural scenes
White’s illusion masked with noise
Experimental design
Experimental design
Experimental design

Is there a layer scission?

Is the left patch darker, lighter or same lightness as right patch?
Experimental design

Is there a layer scission?

Is the left patch darker, lighter or same lightness as right patch?

Noise frequency

Grating frequency
Experimental design

Is there a layer scission?
Is the left patch darker, lighter or same lightness as right patch?

<table>
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<tr>
<th>Grating Frequency</th>
<th>Noise frequency</th>
<th>avg. Layer scission</th>
<th>avg. Illusory lightness</th>
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All stimuli