TÜV 3

2026 3 TÜV NORD
3 Tiger Neo 3.0
50% N TOPCon

IEC 61215-2:2021 MQT 06.1

STC 1000W/m² AM1.5 25°C A+A+A+

		Pmax
1	BC	650+W
2		630+W
3	3 Tiger Neo 3.0	650+W

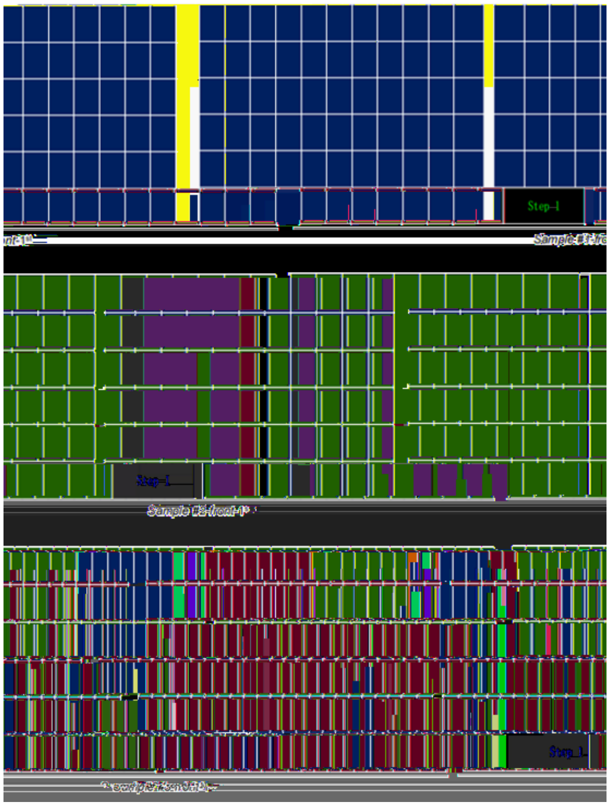
Tiger Neo

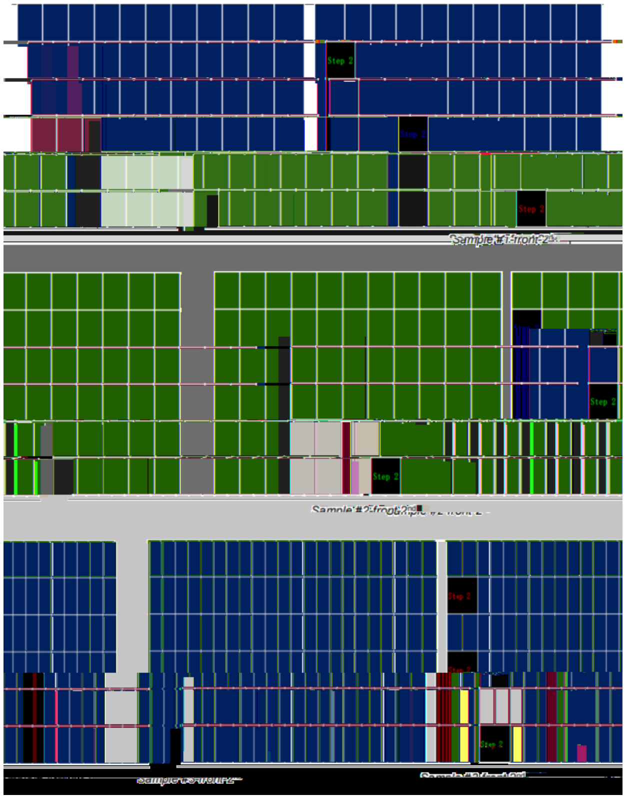
1

Tiger Neo 3.0

	BC		Tiger Neo 3.0
1	-34.14%	-34.42%	-17.50%
2	-47.27%	-48.63%	-24.32%

3

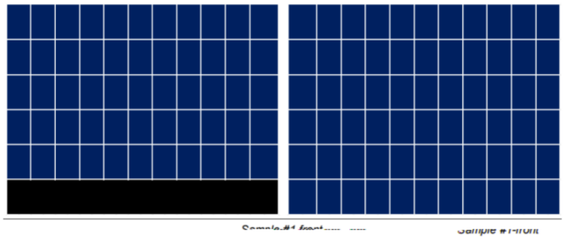

Step 1
Sample #1 front 1st
Step 1
Sample #2 front 1st
Step 1
Sample #3 front 1st

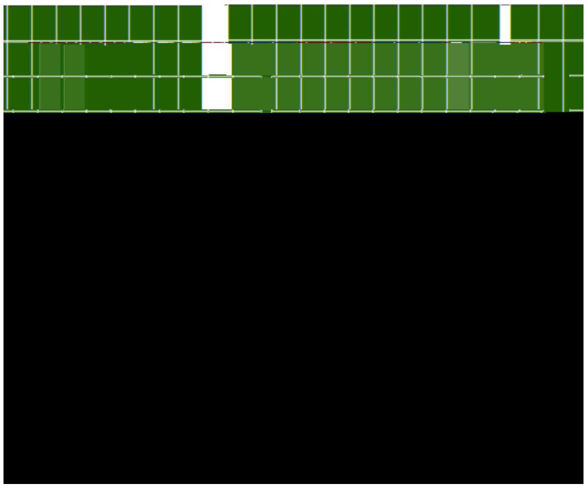

Step 2
Step 2
Step 2
Sample #1 front 2nd
Step 2
Step 2
Sample #2 front 2nd
Step 2
Step 2
Sample #3 front 2nd

BC 34% Tiger

Neo 3.0 17.50% 49.3%

2





BC 34%

Tiger Neo 3.0 17.5% BC 48.8% 16.7%

3 25%

25% 100%

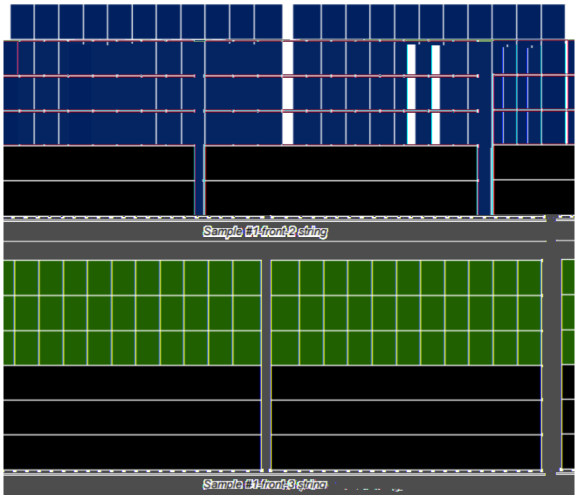
	BC		Tiger Neo 3.0
25%	-13.8%	-15.2%	-7.2%
50%	-34.2%	-34.4%	-17.7%
75%	-34.3%	-34.5%	-30.1%
100%	-34.3%	-34.5%	-34.6%

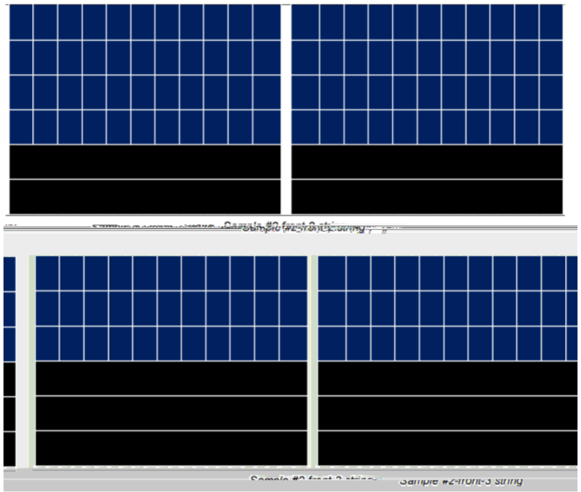
25%-75% Tiger Neo 3.0

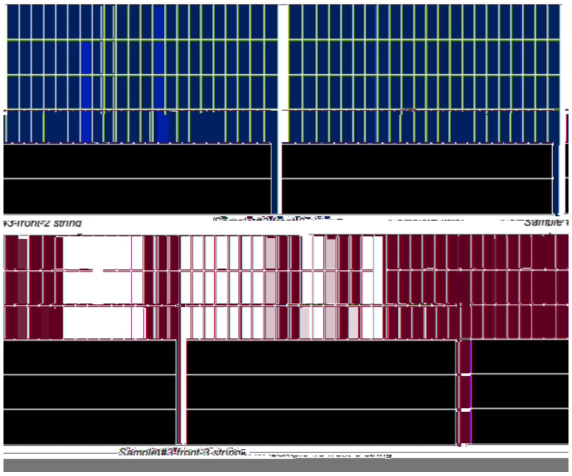
25% 7.2% BC

50% 75%

4



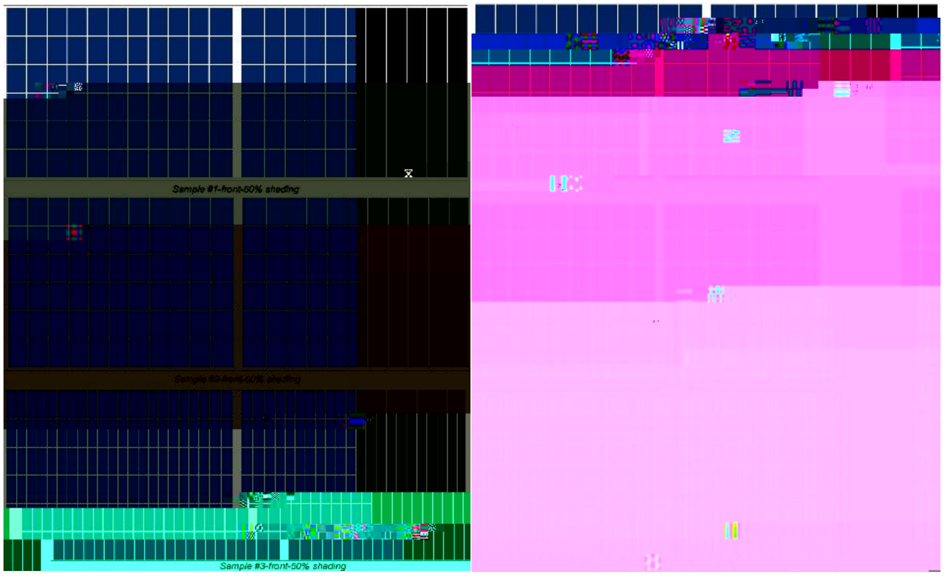


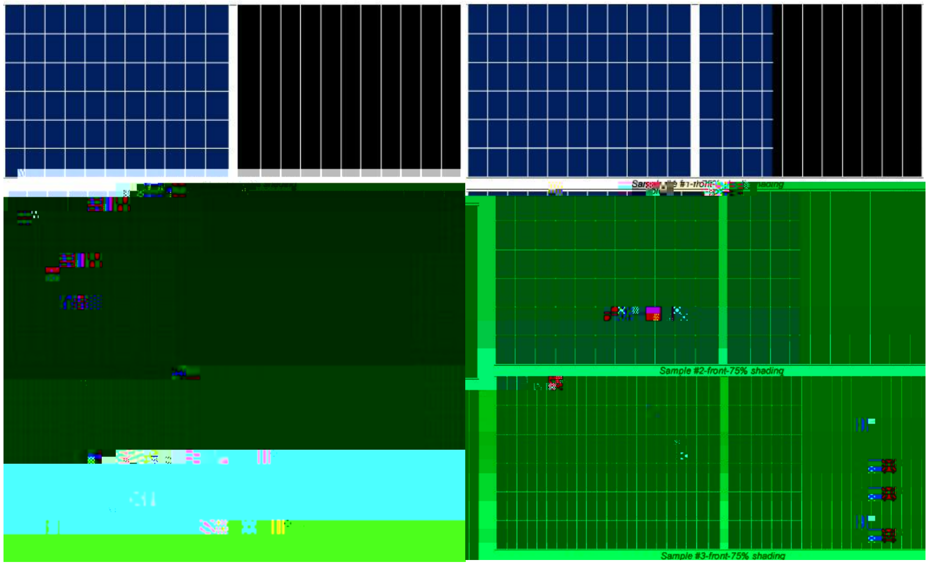


BC -68.4% -68.7% Tiger Neo 3.0 -63.5%

BC 4.9 15.5%

	BC		Tiger Neo 3.0
25%	-50.2%	-50.1%	-50.1%
50%	-49.9%	-50.1%	-50.1%
75%	-49.8%	-49.9%	-49.8%
100%	-49.1%	-49.4%	-49.4%


Sample #1-front-50% shading
Sample #2-front-50% shading
Sample #3-front-50% shading



Tiger Neo 3.0 25% 50%

Tiger Neo 3.0

Tiger Neo 3.0

	Tiger Neo 3.0	
	49.3%	
	48.8%	
25%	47.8%	
50%	48.2%	
	7.2%	

90% Tiger Neo 3.0
BC 75%

<50% Tiger Neo 3.0 50%-75%
Tiger Neo 3.0 >75%
Tiger Neo 3.0

Tiger Neo
Tiger Neo 3.0 N TOPCon
HCP MAX FP

Tiger Neo 3.0 85%±5% BC 10-15
3%-5% -0.26%/
≤1% 0.35% 30

N TOPCon Tiger Neo 3.0

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