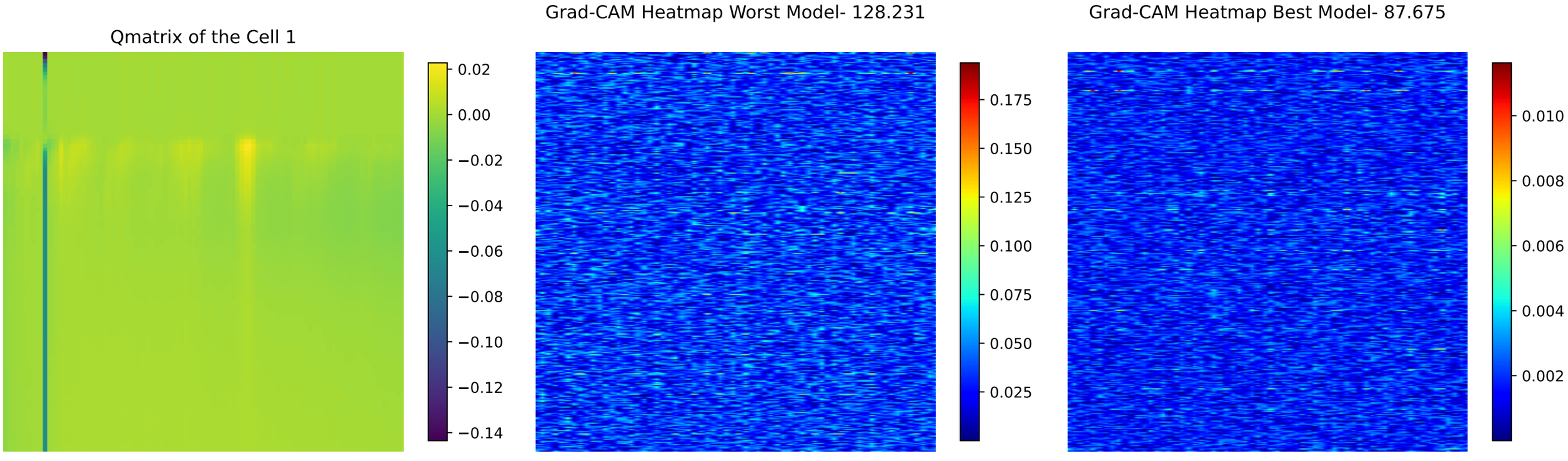
Qmatrix of the Cell 1
0.02
0.00
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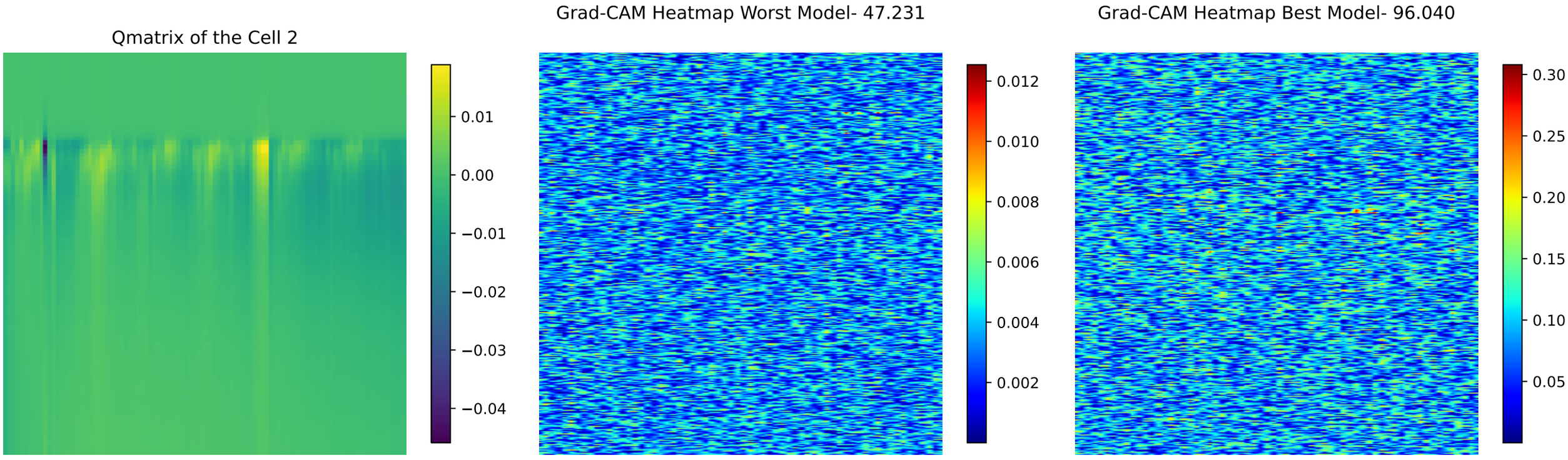
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
Grad-CAM Heatmap Worst Model- 128.231
0.175
0.150
0.125
0.100
0.075
0.050
0.025
Grad-CAM Heatmap Best Model- 87.675
0.010
0.008
0.006
0.004
0.002


Qmatrix of the Cell 2
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0.00
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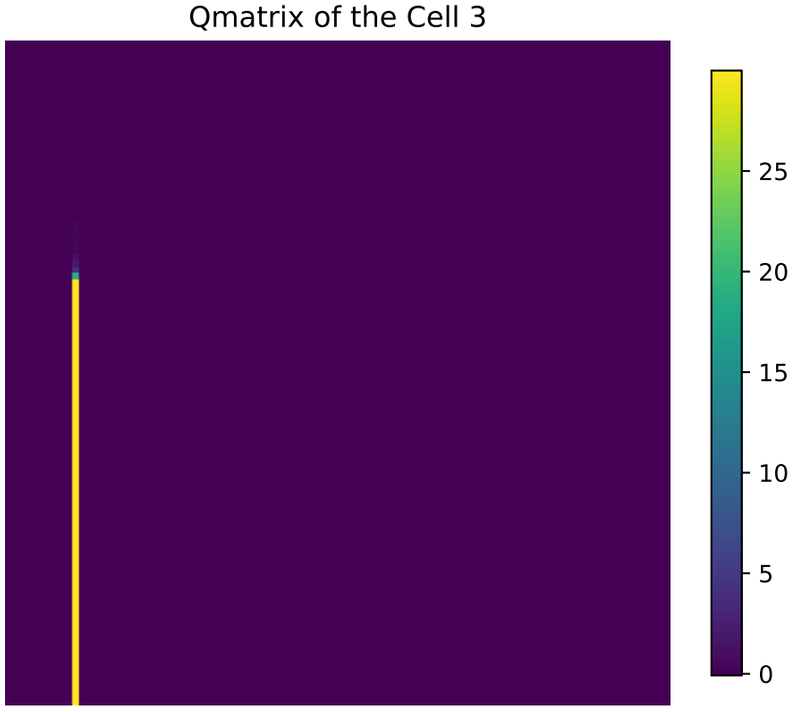
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 47.231
0.012
0.010
0.008
0.006
0.004
0.002
Grad-CAM Heatmap Best Model- 96.040
0.30
0.25
0.20
0.15
0.10
0.05


Qmatrix of the Cell 3
25
20
15
10
5
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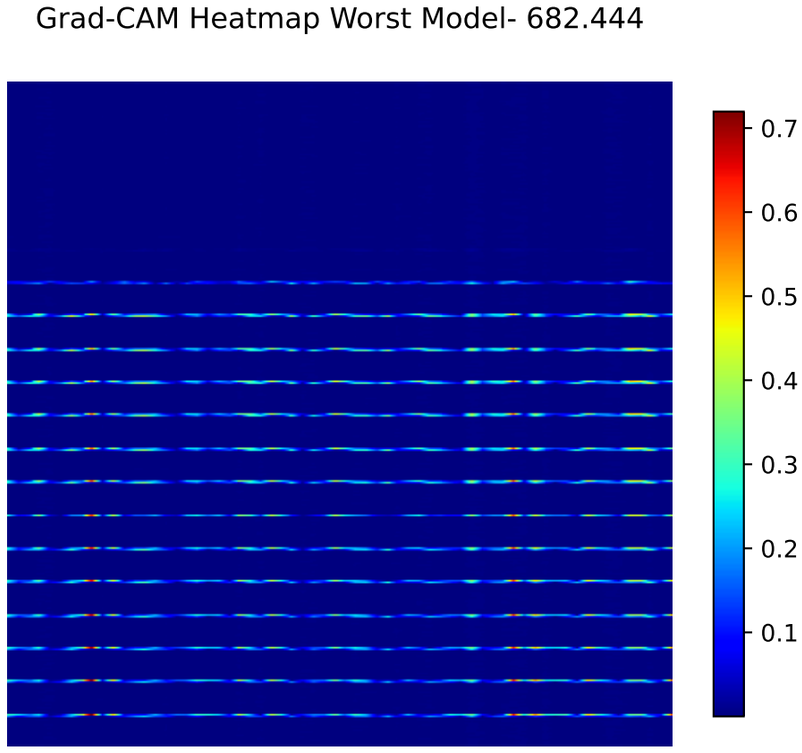
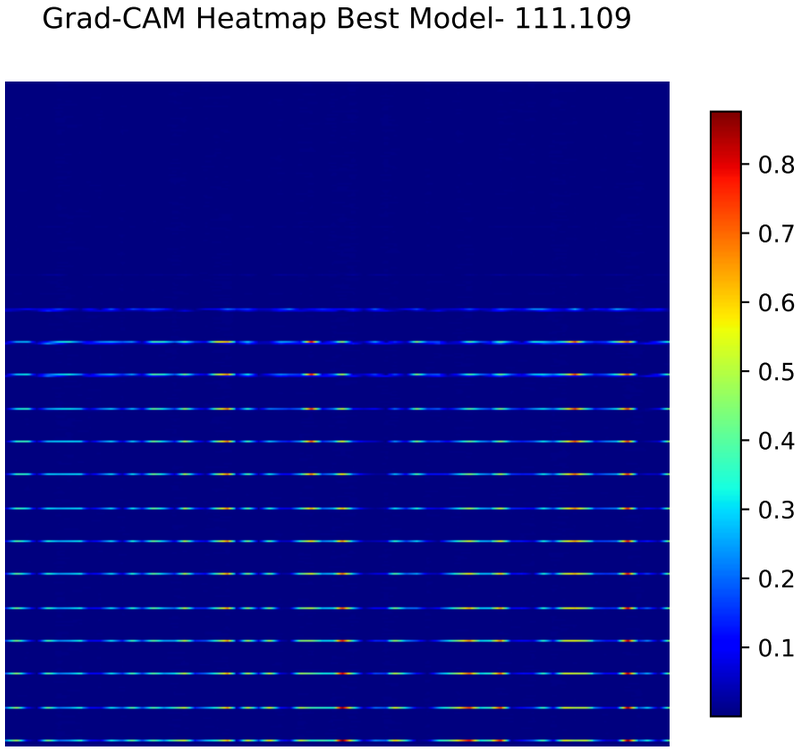
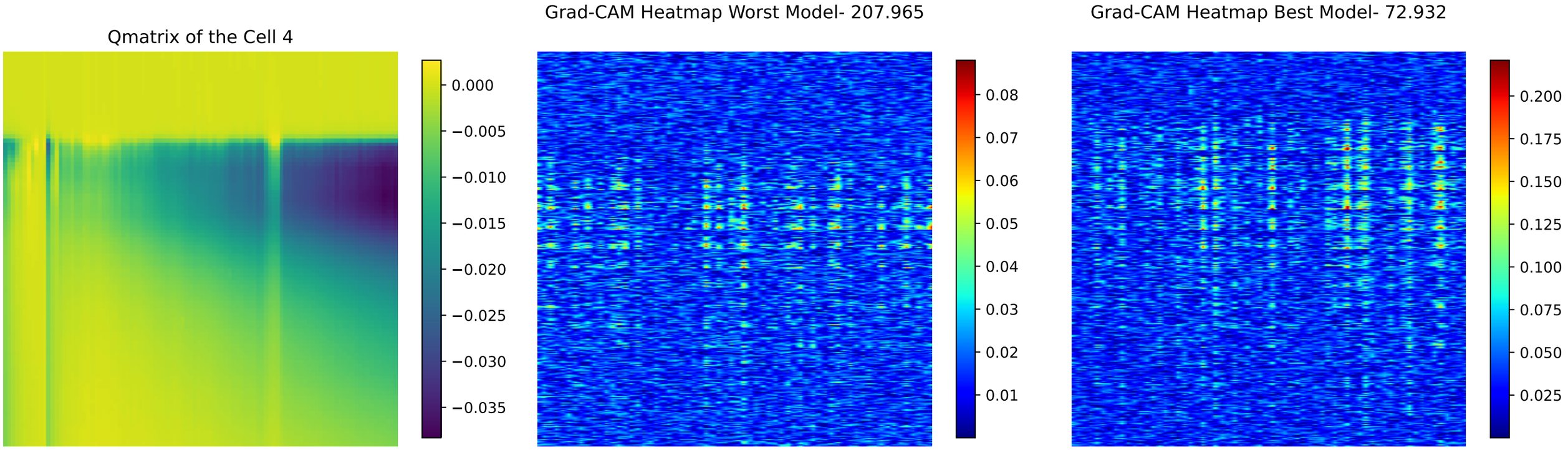
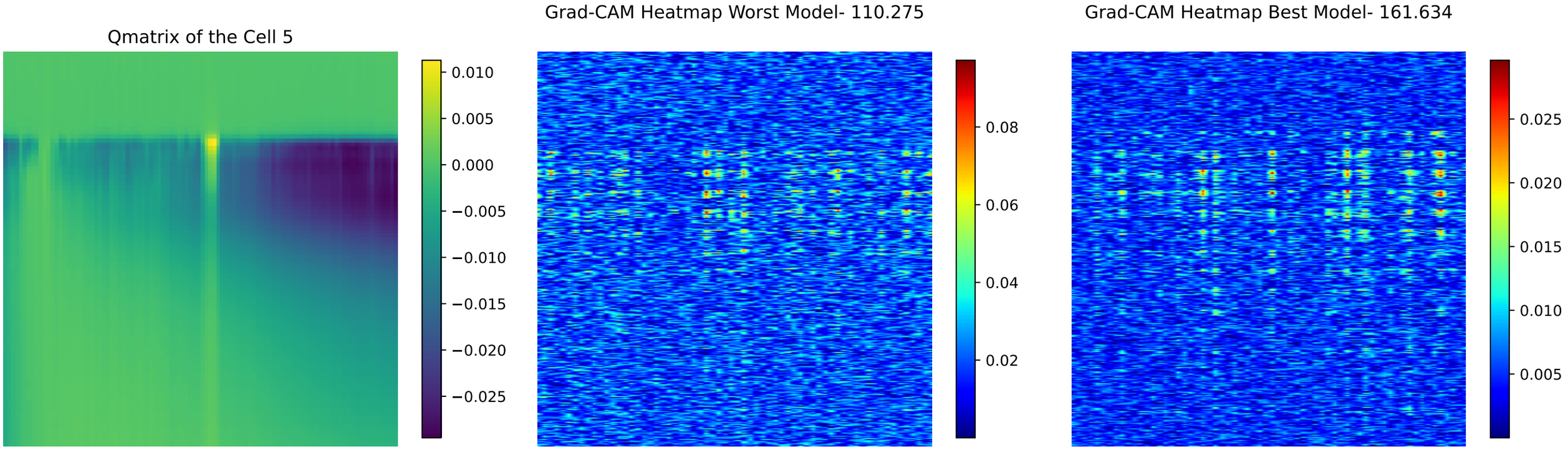

Grad-CAM Heatmap Worst Model- 682.444
0.7
0.6
0.5
0.4
0.3
0.2
0.1


Grad-CAM Heatmap Best Model- 111.109
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1


Qmatrix of the Cell 4
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
−0.035
Grad-CAM Heatmap Worst Model- 207.965
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 72.932
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025


Qmatrix of the Cell 5
0.010
0.005
0.000
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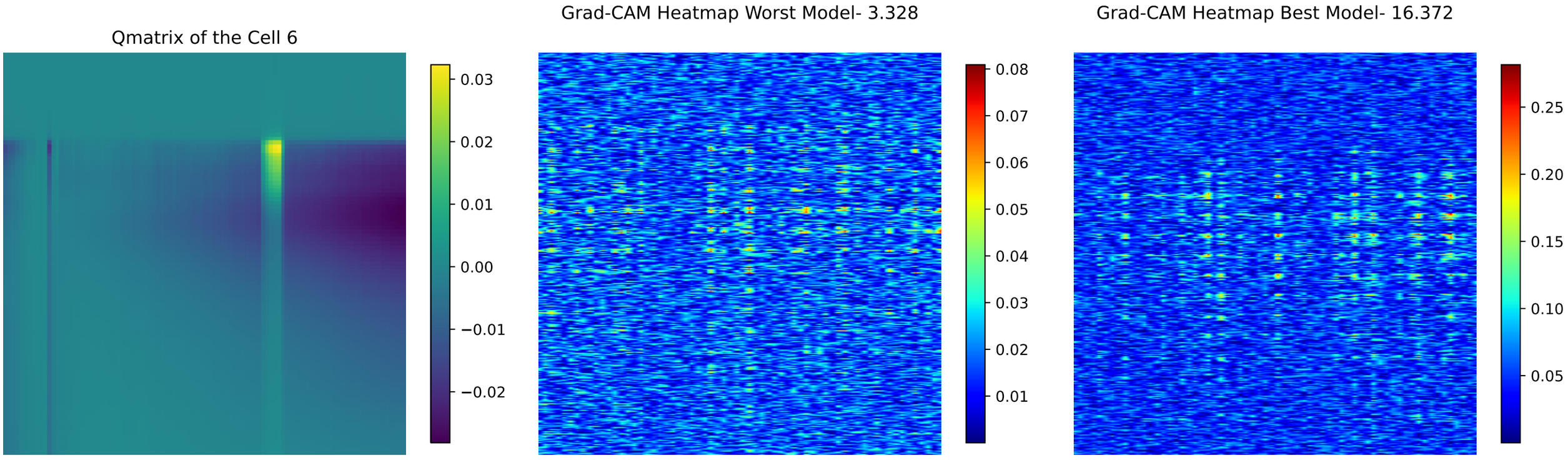
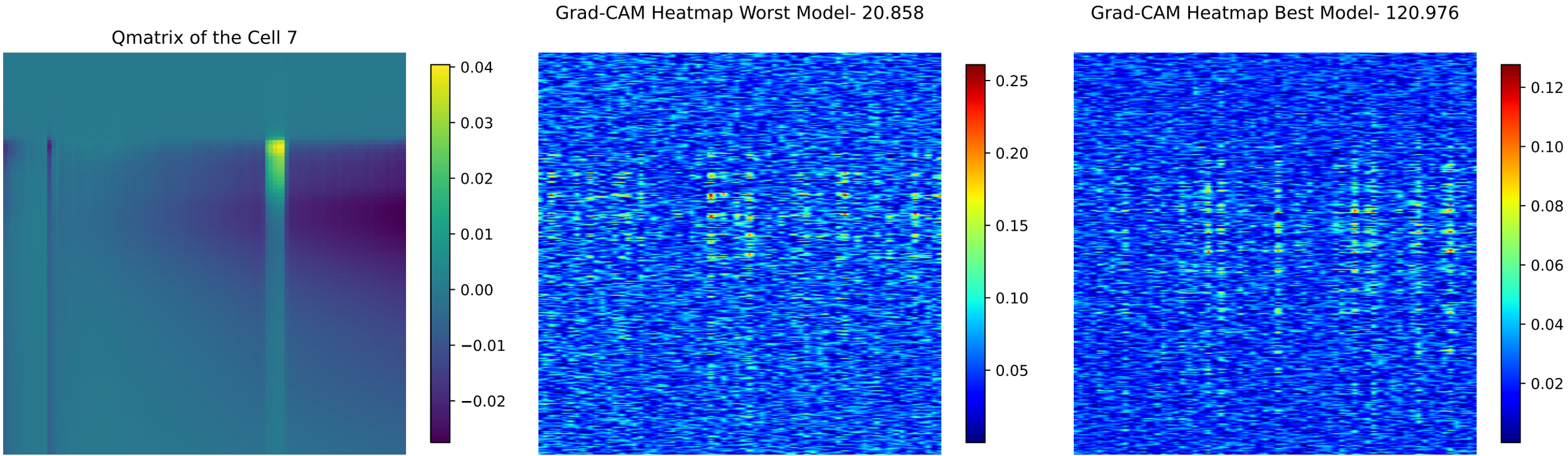
−0.010
−0.015
−0.020
−0.025
Grad-CAM Heatmap Worst Model- 110.275
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 161.634
0.025
0.020
0.015
0.010
0.005


Qmatrix of the Cell 6
0.03
0.02
0.01
0.00
−0.01
−0.02
Grad-CAM Heatmap Worst Model- 3.328
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 16.372
0.25
0.20
0.15
0.10
0.05


Qmatrix of the Cell 7
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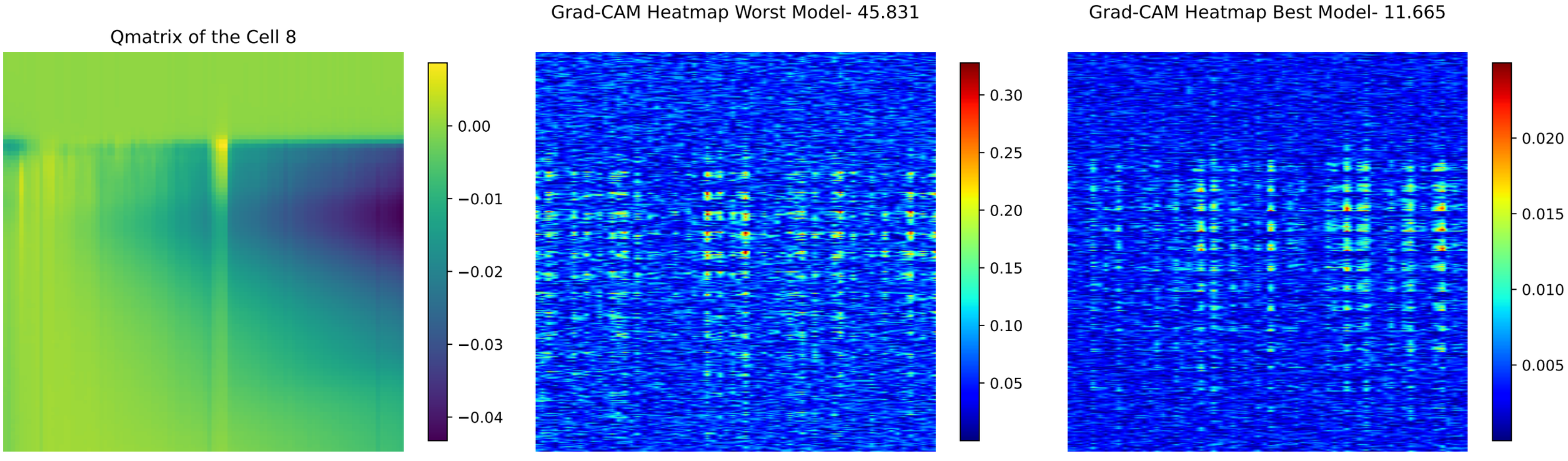
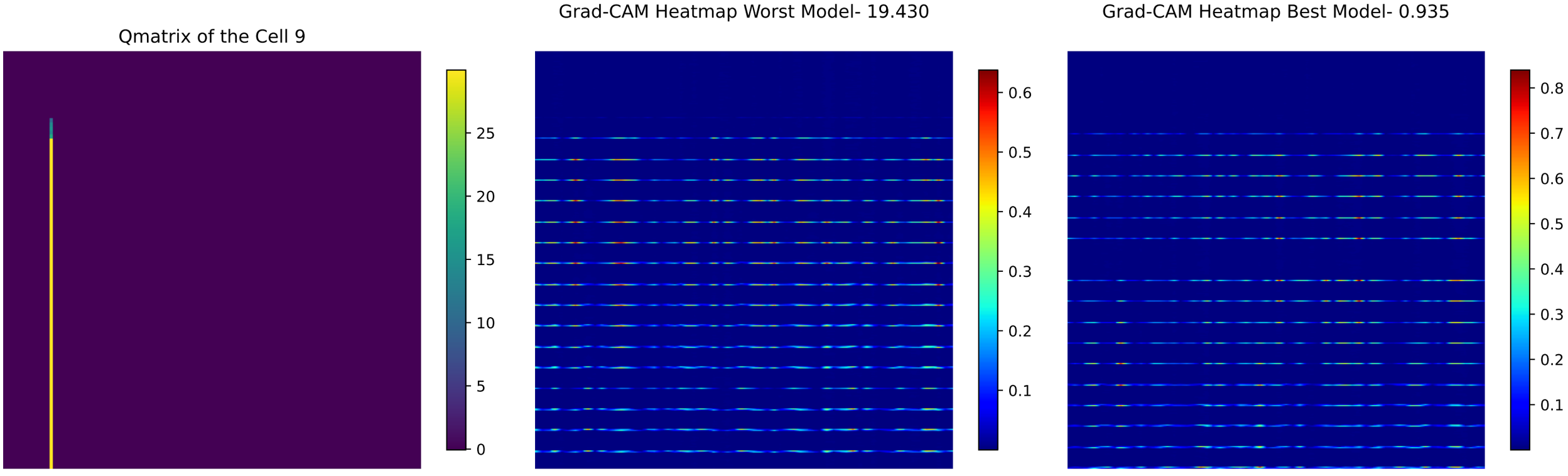
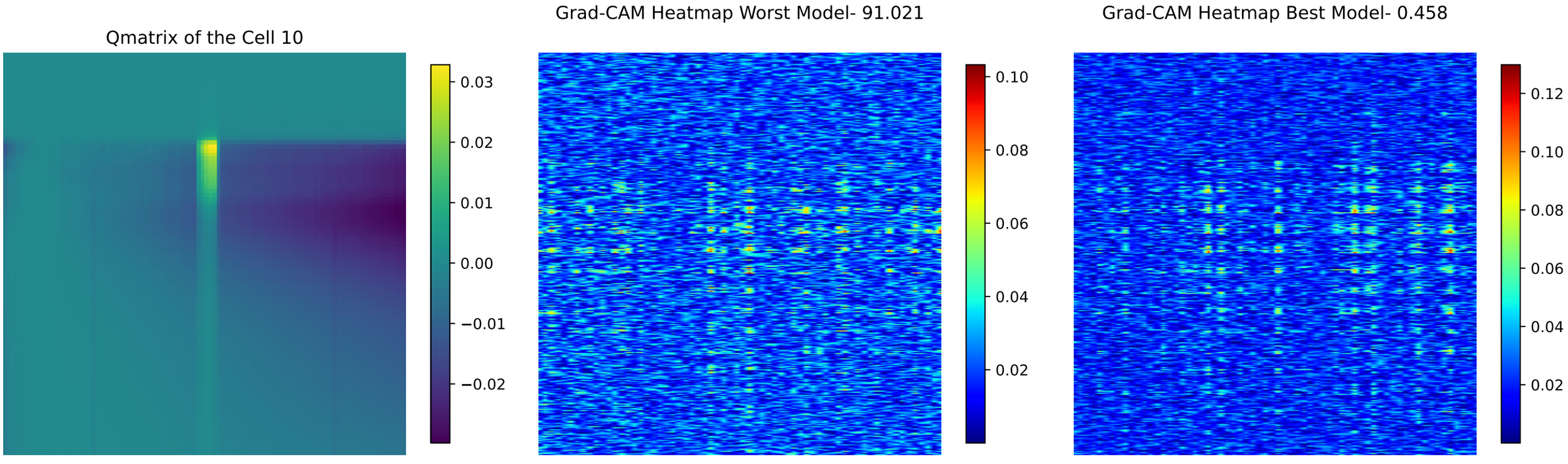
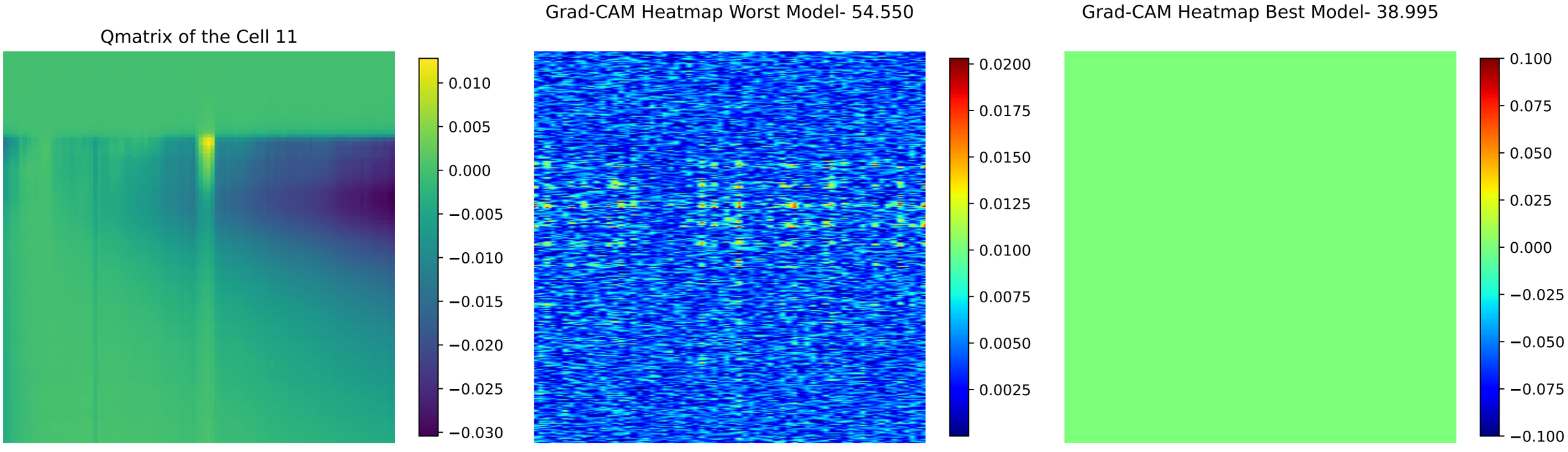
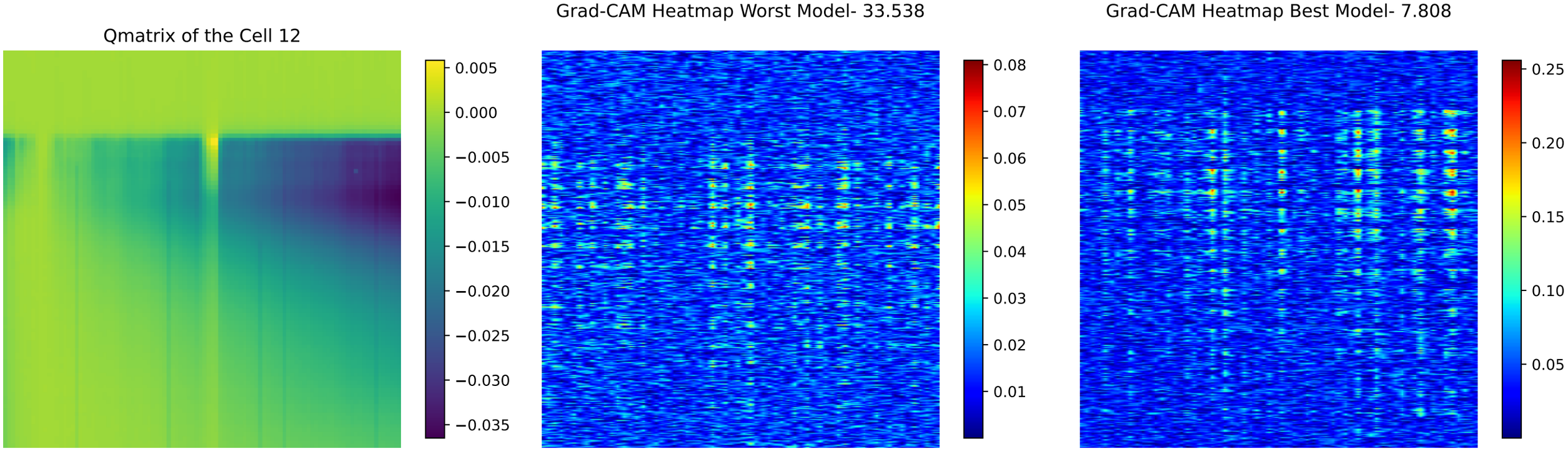
0.03
0.02
0.01
0.00
−0.01
−0.02
Grad-CAM Heatmap Worst Model- 20.858
0.25
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 120.976
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 8
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 45.831
0.30
0.25
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 11.665
0.020
0.015
0.010
0.005


Qmatrix of the Cell 9
0
5
10
15
20
25
Grad-CAM Heatmap Worst Model- 19.430
0.1
0.2
0.3
0.4
0.5
0.6
Grad-CAM Heatmap Best Model- 0.935
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8


Qmatrix of the Cell 10
0.03
0.02
0.01
0.00
−0.01
−0.02
Grad-CAM Heatmap Worst Model- 91.021
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 0.458
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 11
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
Grad-CAM Heatmap Worst Model- 54.550
0.0200
0.0175
0.0150
0.0125
0.0100
0.0075
0.0050
0.0025
Grad-CAM Heatmap Best Model- 38.995
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100


Qmatrix of the Cell 12
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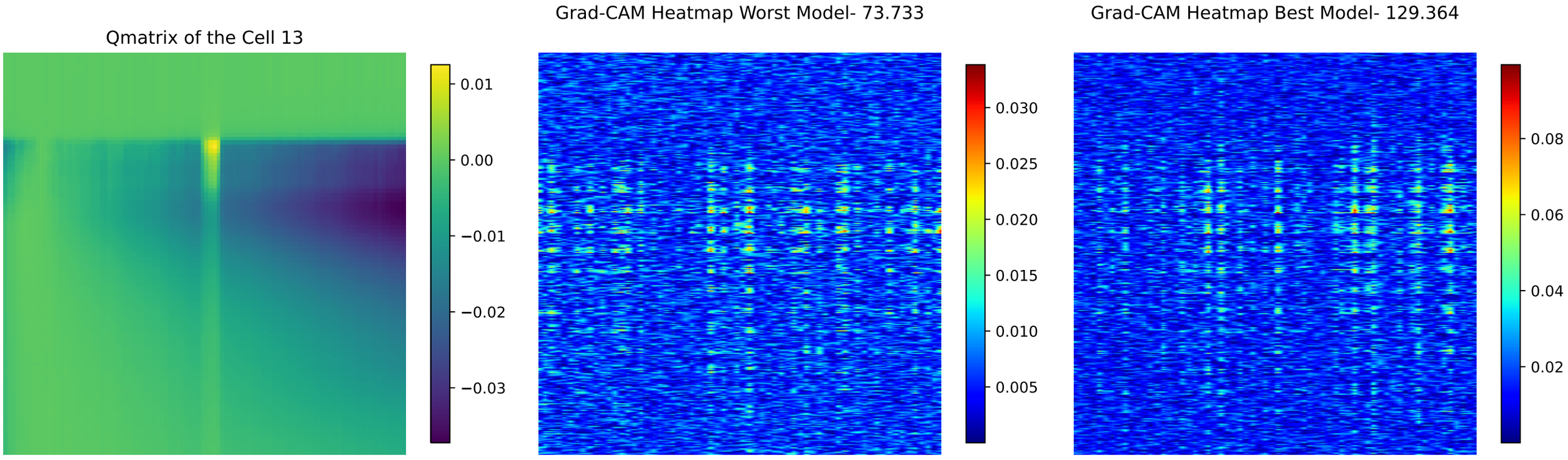
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
−0.035
Grad-CAM Heatmap Worst Model- 33.538
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 7.808
0.25
0.20
0.15
0.10
0.05


Qmatrix of the Cell 13
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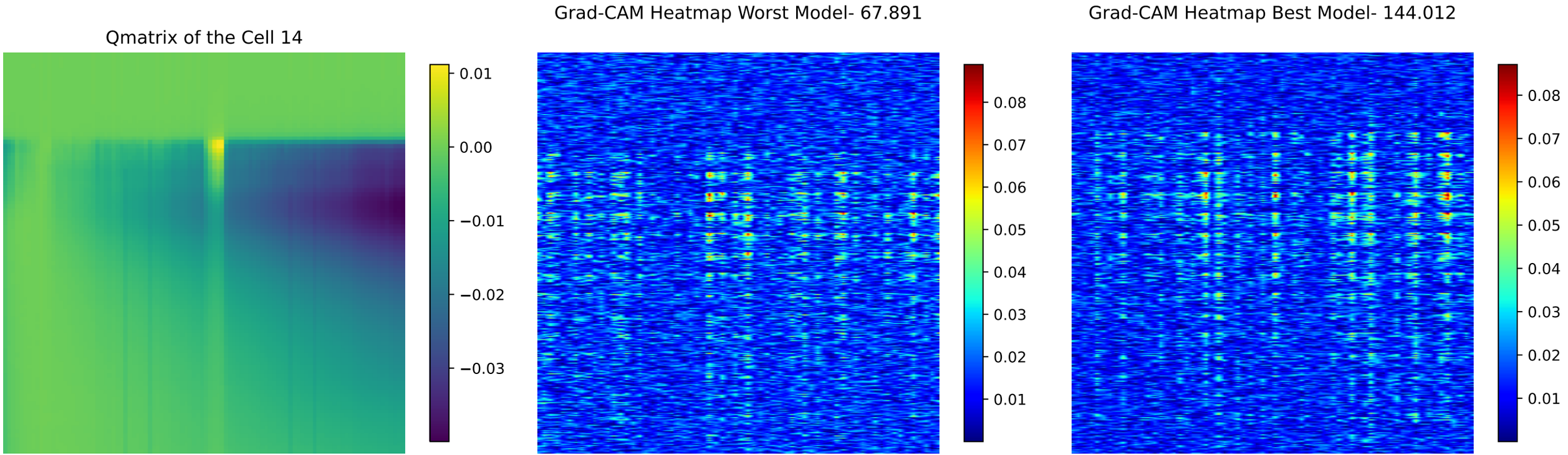
0.00
−0.01
−0.02
−0.03
Grad-CAM Heatmap Worst Model- 73.733
0.030
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 129.364
0.08
0.06
0.04
0.02


Qmatrix of the Cell 14
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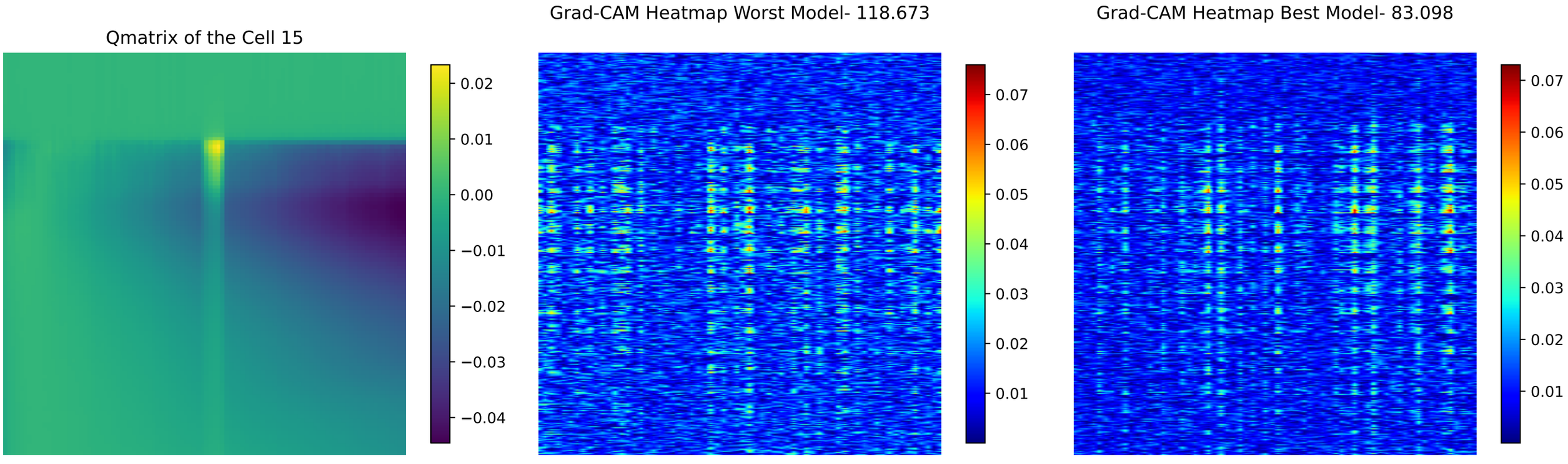
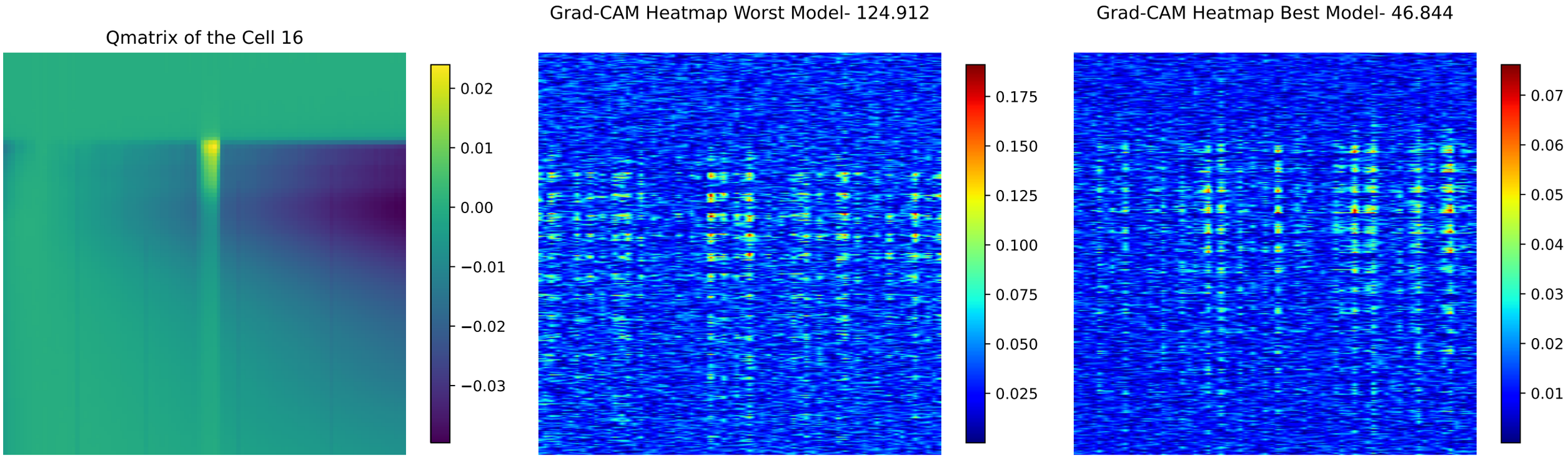
0.00
−0.01
−0.02
−0.03
Grad-CAM Heatmap Worst Model- 67.891
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 144.012
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 15
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 118.673
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 83.098
0.07
0.06
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 16
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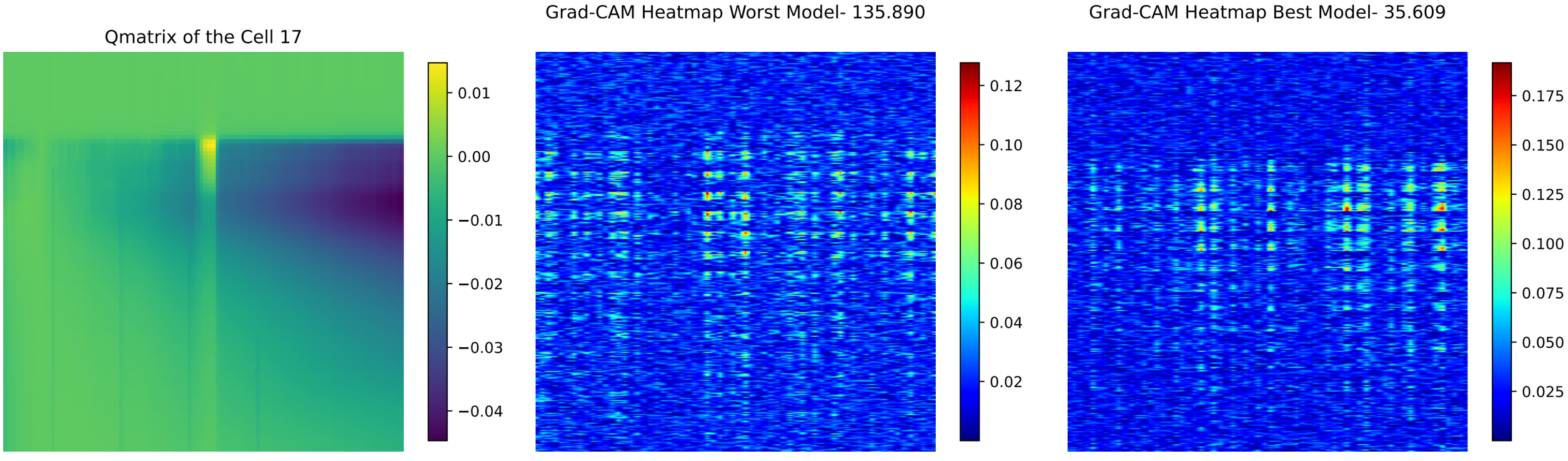
−0.01
−0.02
−0.03
Grad-CAM Heatmap Worst Model- 124.912
0.175
0.150
0.125
0.100
0.075
0.050
0.025
Grad-CAM Heatmap Best Model- 46.844
0.07
0.06
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 17
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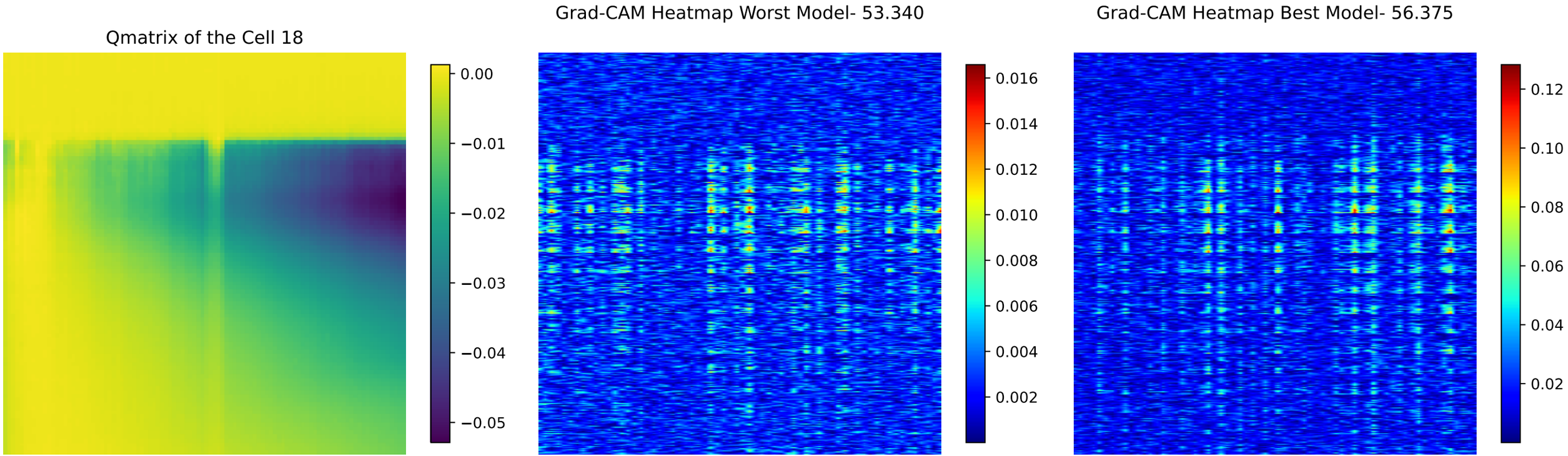
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 135.890
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 35.609
0.175
0.150
0.125
0.100
0.075
0.050
0.025


Qmatrix of the Cell 18
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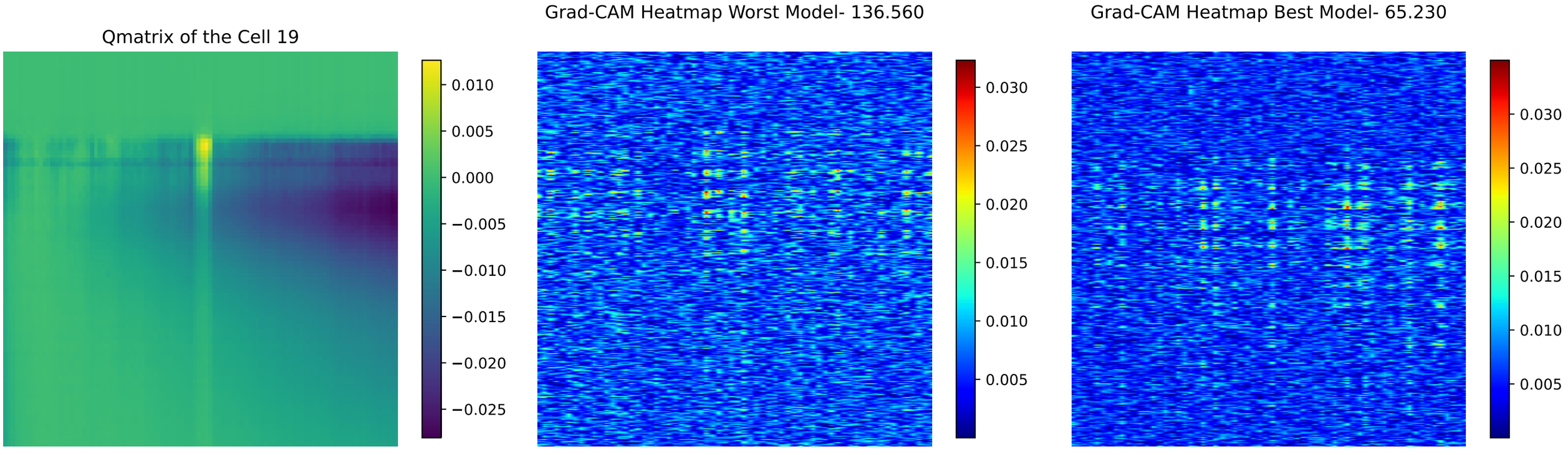
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 53.340
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
Grad-CAM Heatmap Best Model- 56.375
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 19
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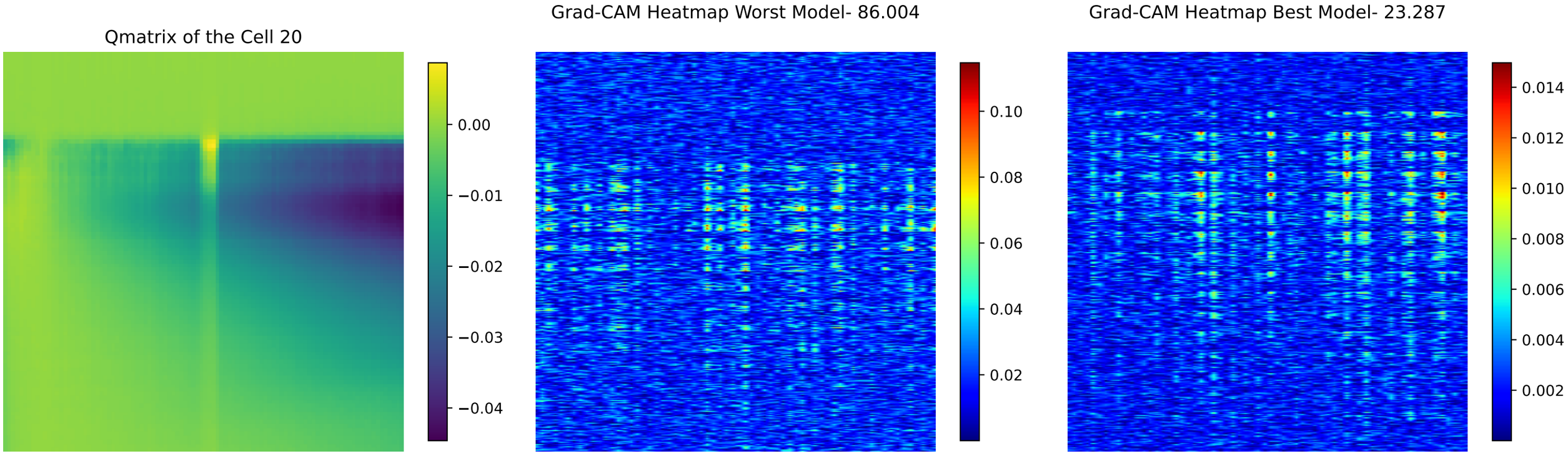
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
Grad-CAM Heatmap Worst Model- 136.560
0.030
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 65.230
0.030
0.025
0.020
0.015
0.010
0.005


Qmatrix of the Cell 20
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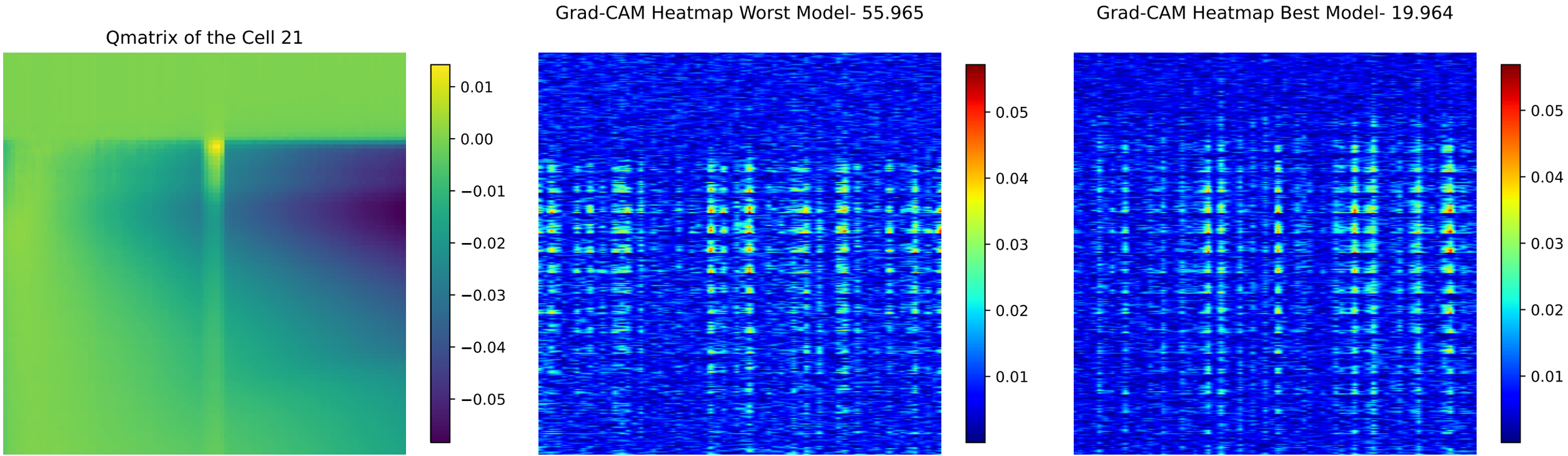
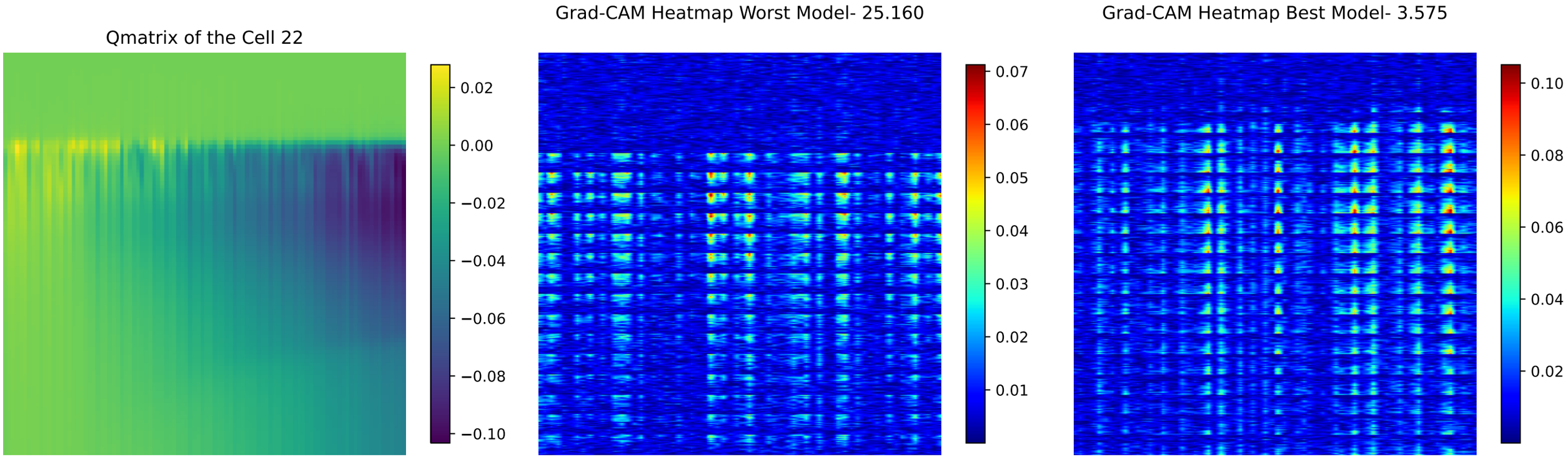
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 86.004
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 23.287
0.014
0.012
0.010
0.008
0.006
0.004
0.002


Qmatrix of the Cell 21
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 55.965
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 19.964
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 22
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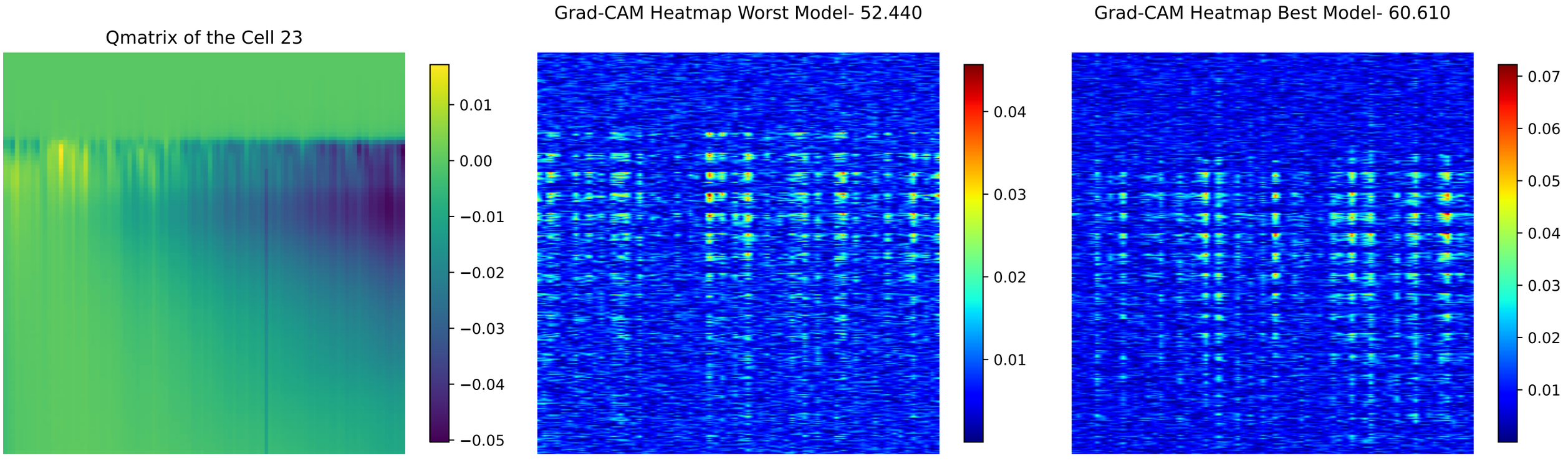
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
Grad-CAM Heatmap Worst Model- 25.160
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 3.575
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 23
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0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 52.440
0.04
0.03
0.02
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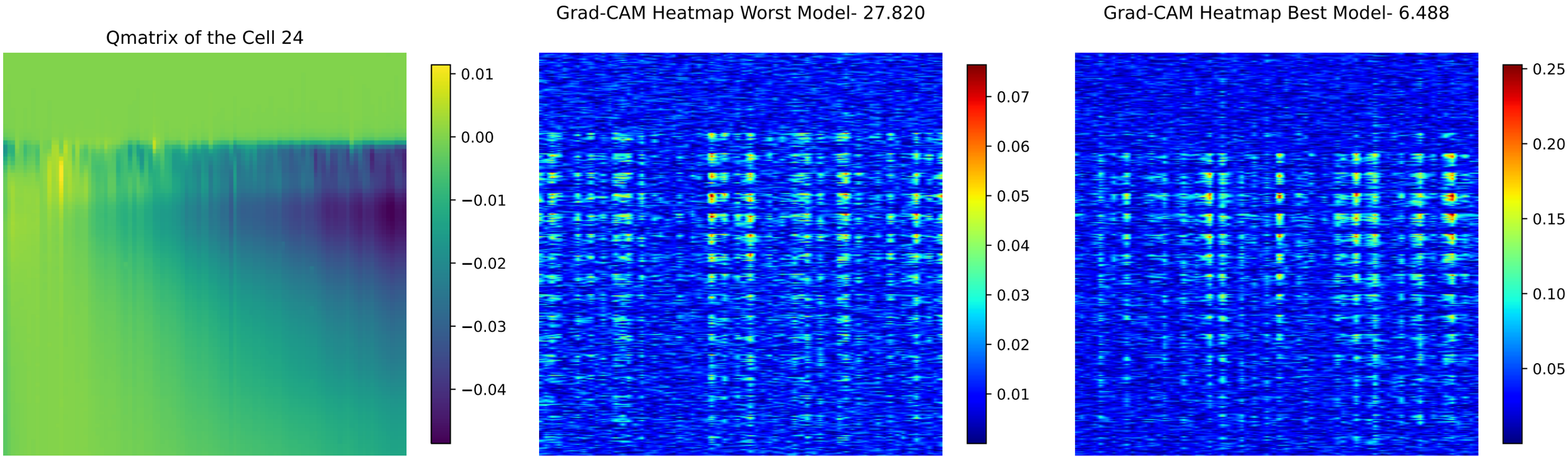
Grad-CAM Heatmap Best Model- 60.610
0.07
0.06
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 24
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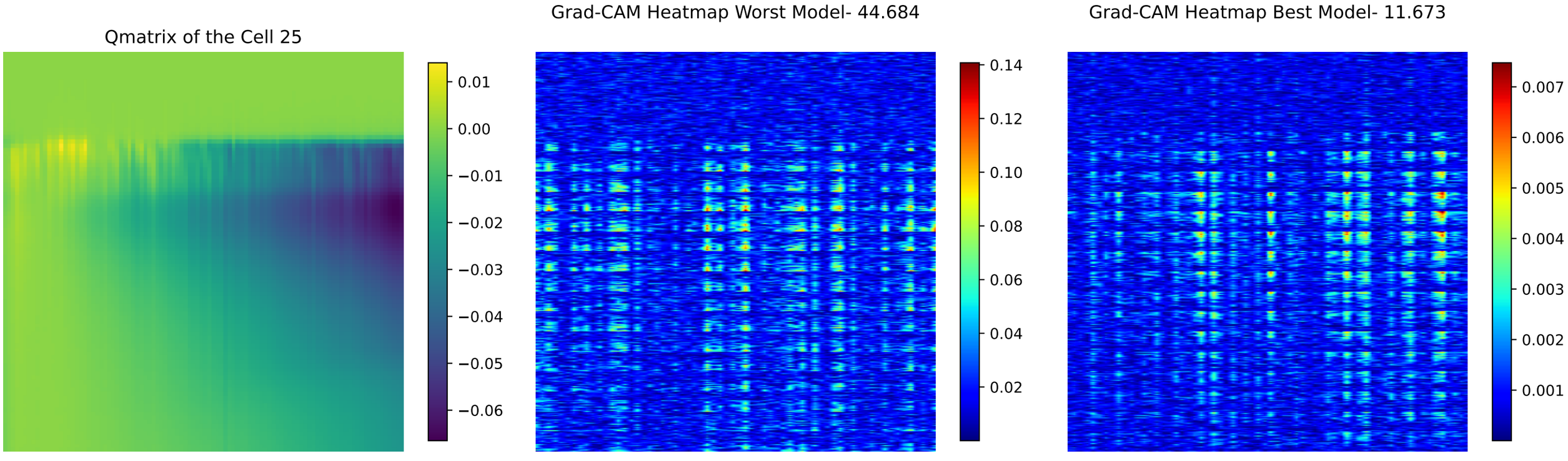
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 27.820
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 6.488
0.25
0.20
0.15
0.10
0.05


Qmatrix of the Cell 25
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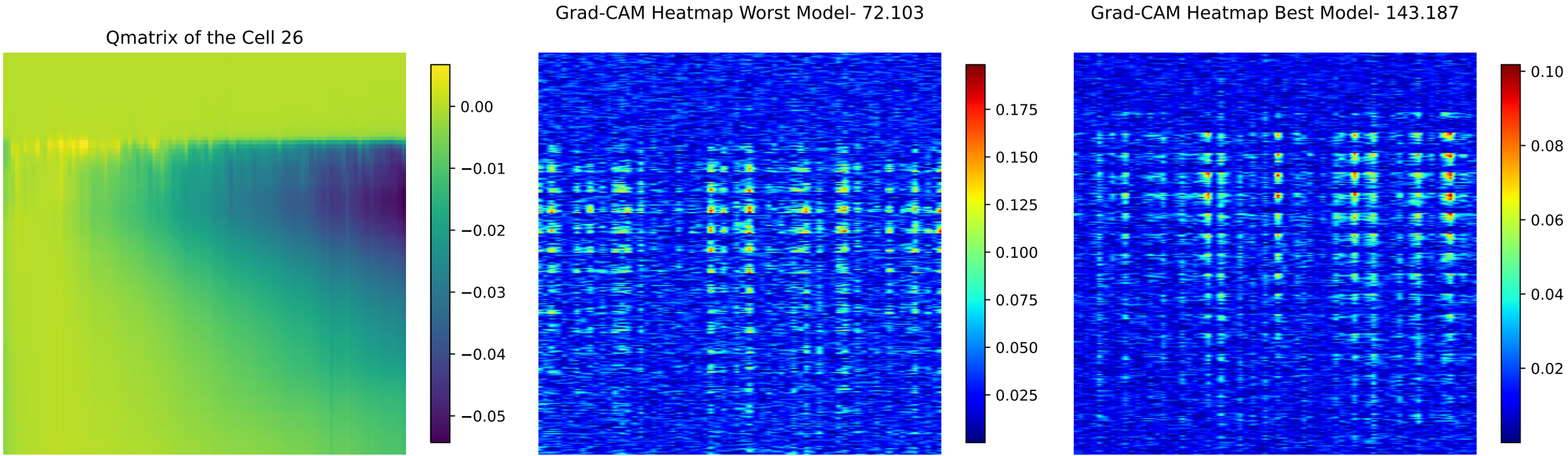
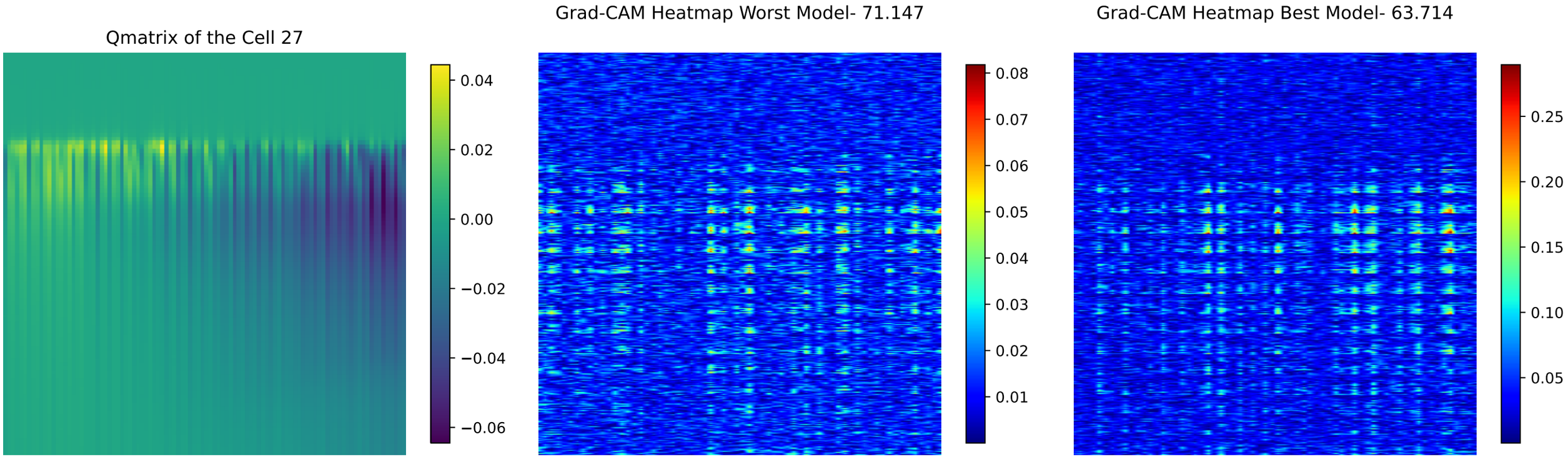
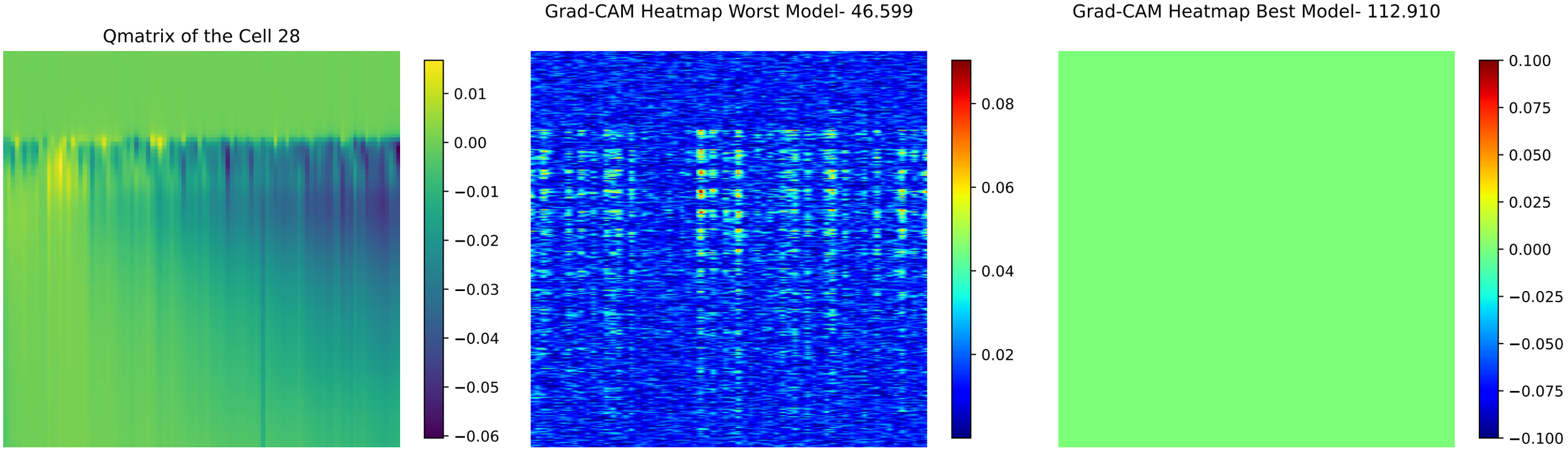
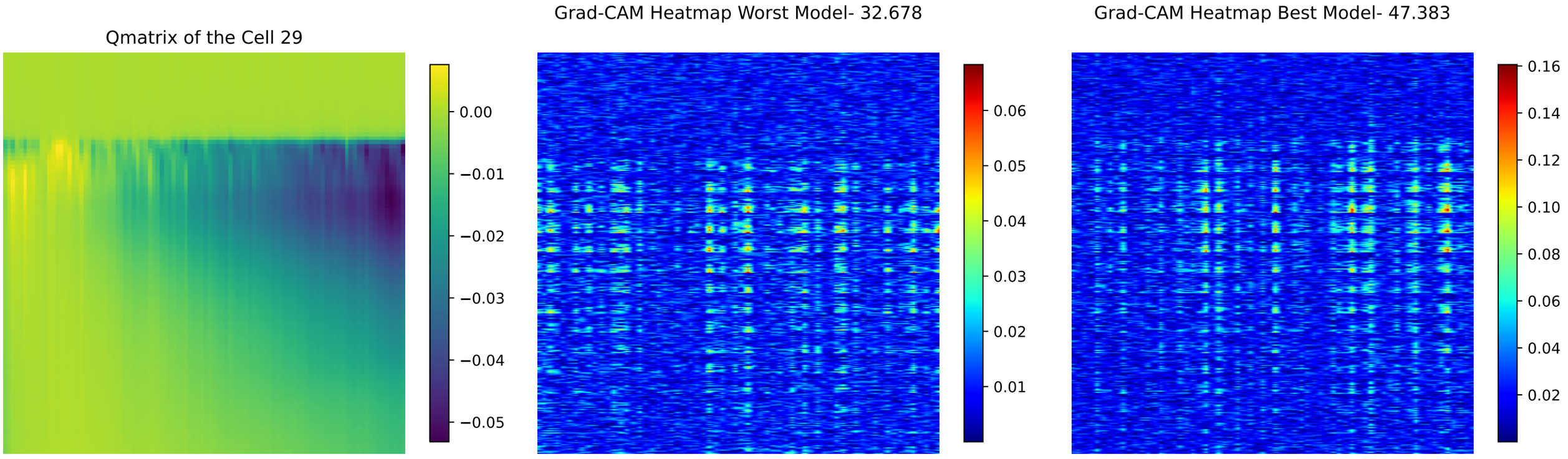
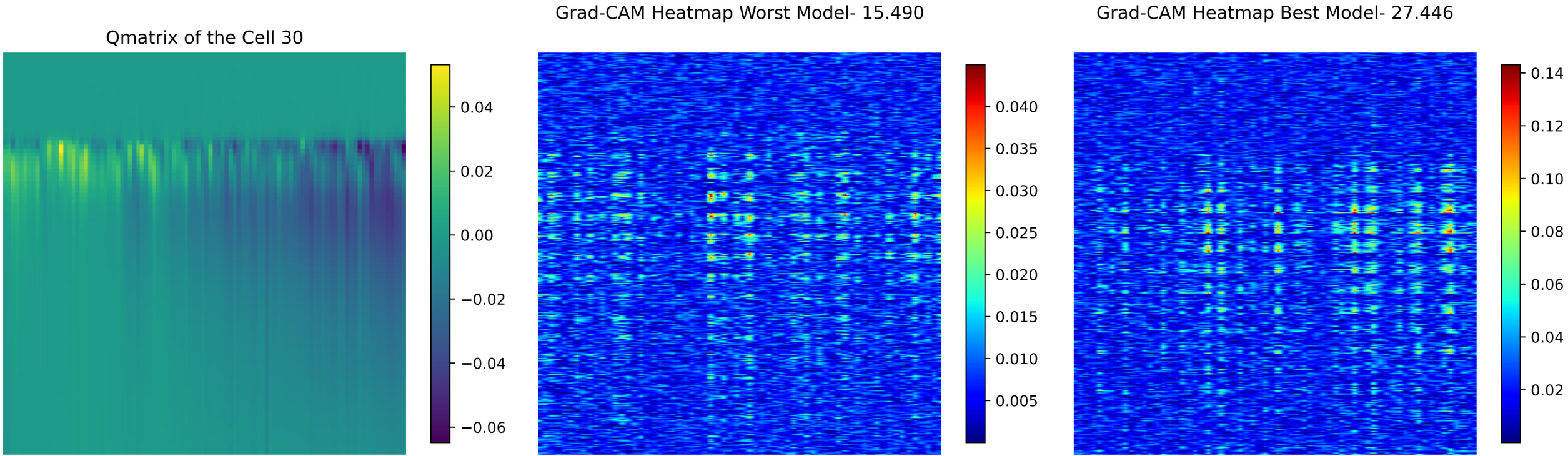
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 44.684
0.14
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 11.673
0.007
0.006
0.005
0.004
0.003
0.002
0.001

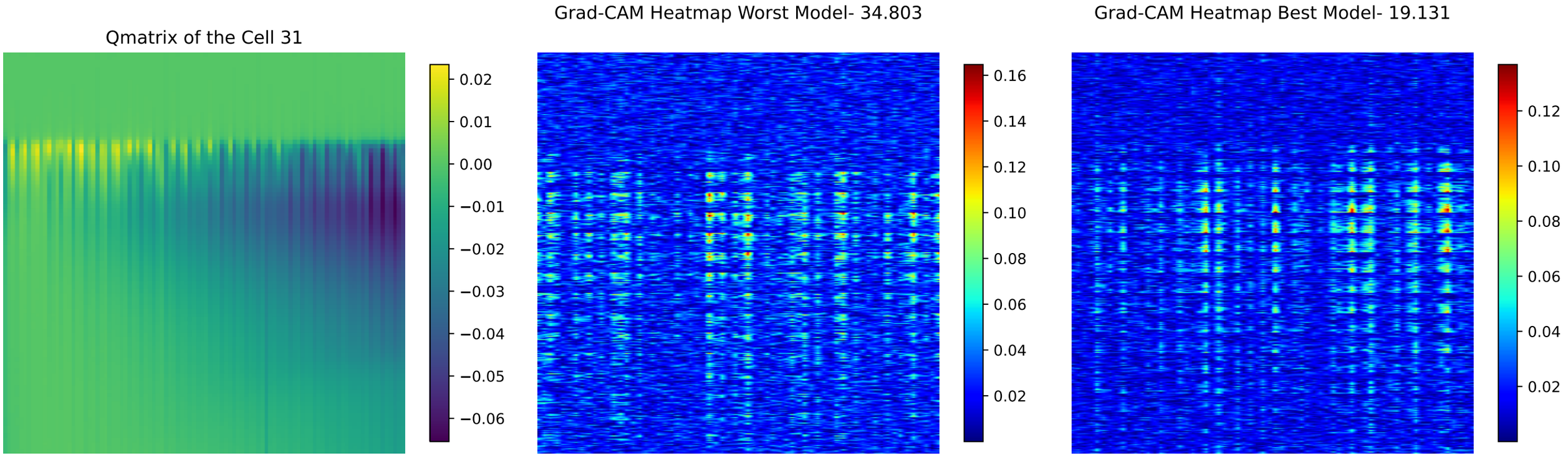

Qmatrix of the Cell 26
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 72.103
0.175
0.150
0.125
0.100
0.075
0.050
0.025
Grad-CAM Heatmap Best Model- 143.187
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 27
0.04
0.02
0.00
−0.02
−0.04
−0.06
Grad-CAM Heatmap Worst Model- 71.147
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 63.714
0.25
0.20
0.15
0.10
0.05


Qmatrix of the Cell 28
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 46.599
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 112.910
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100


Qmatrix of the Cell 29
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 32.678
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 47.383
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 30
0.04
0.02
0.00
−0.02
−0.04
−0.06
Grad-CAM Heatmap Worst Model- 15.490
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 27.446
0.14
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 31
0.02
0.01
0.00
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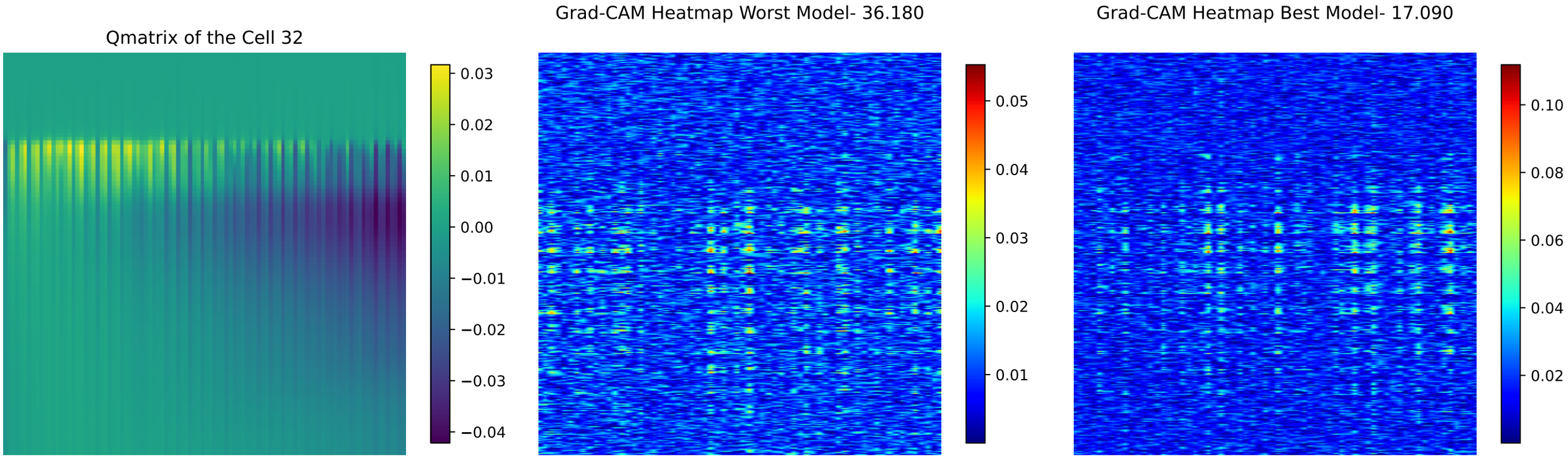
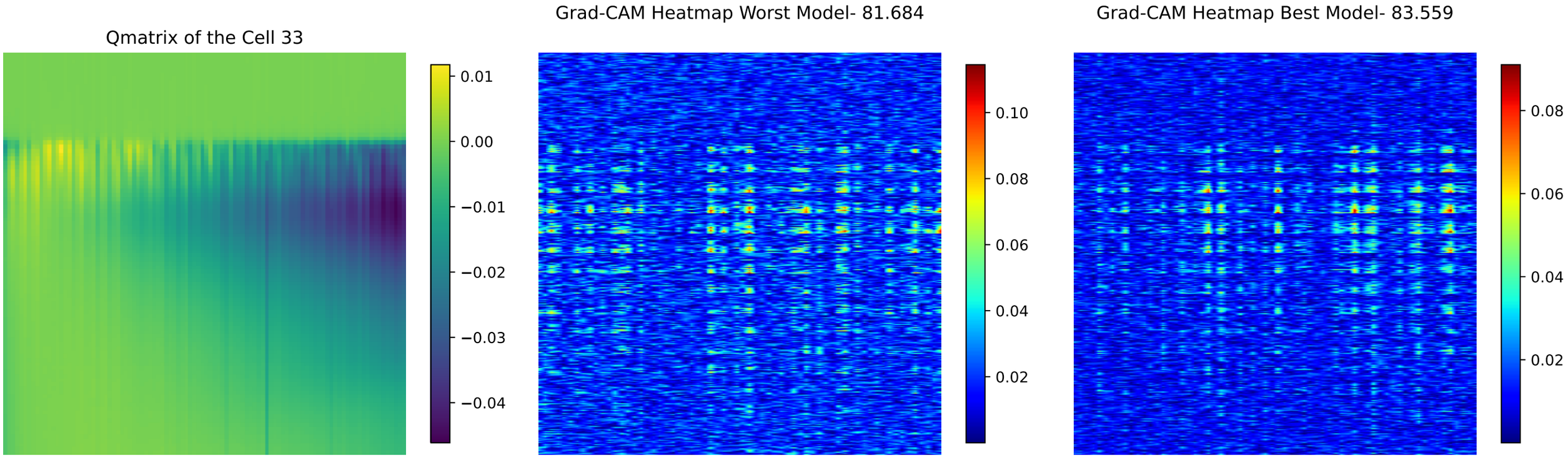
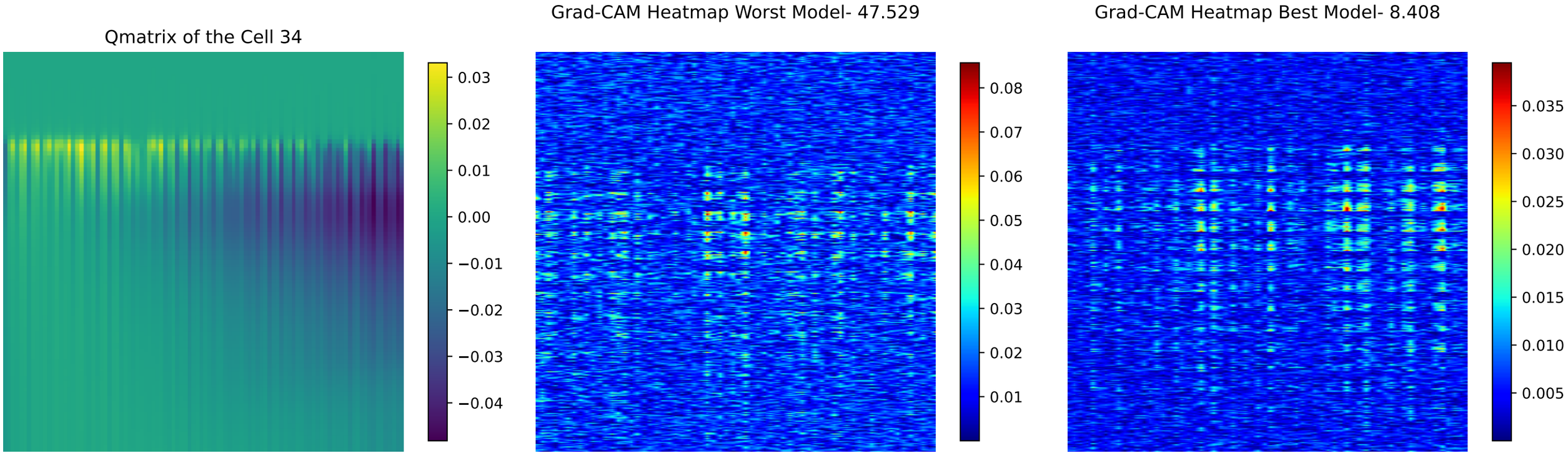
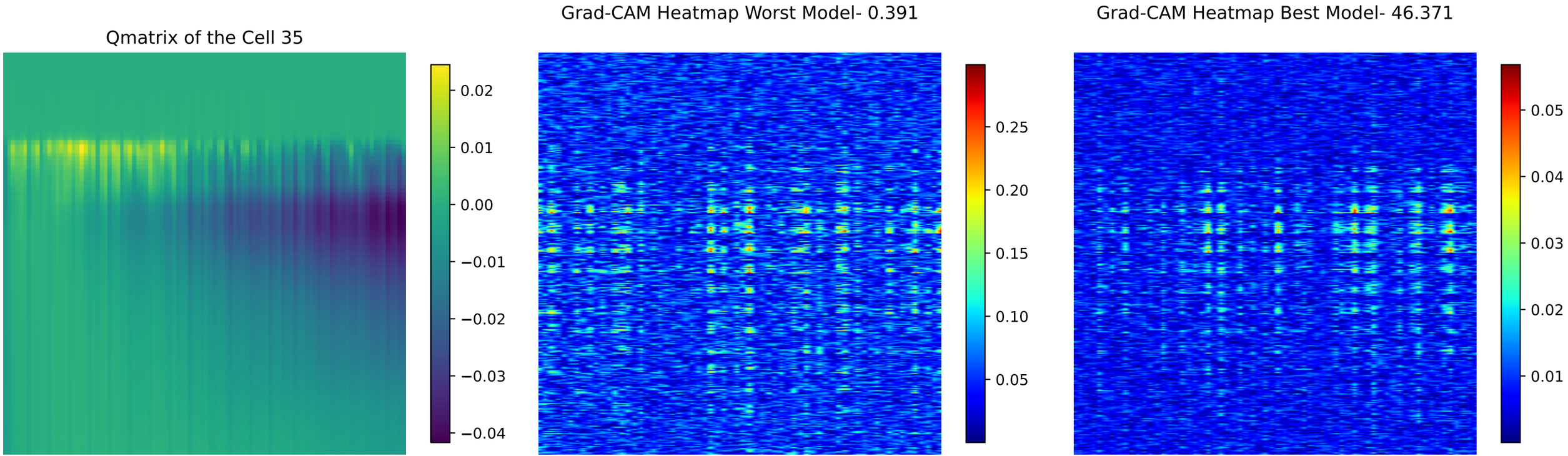
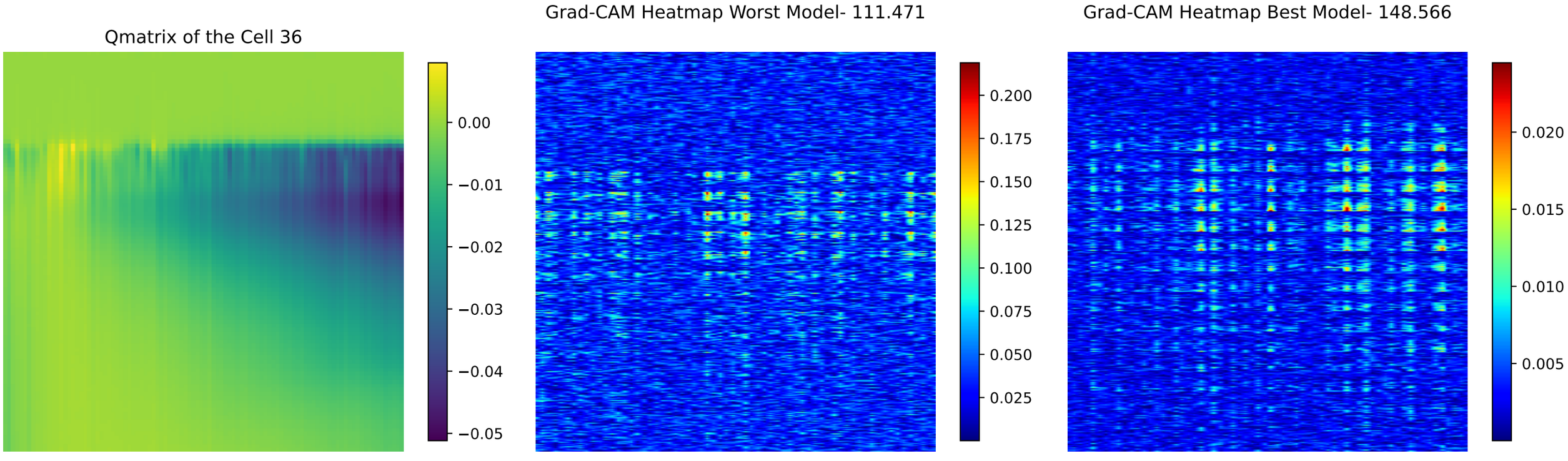
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 34.803
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 19.131
0.12
0.10
0.08
0.06
0.04
0.02

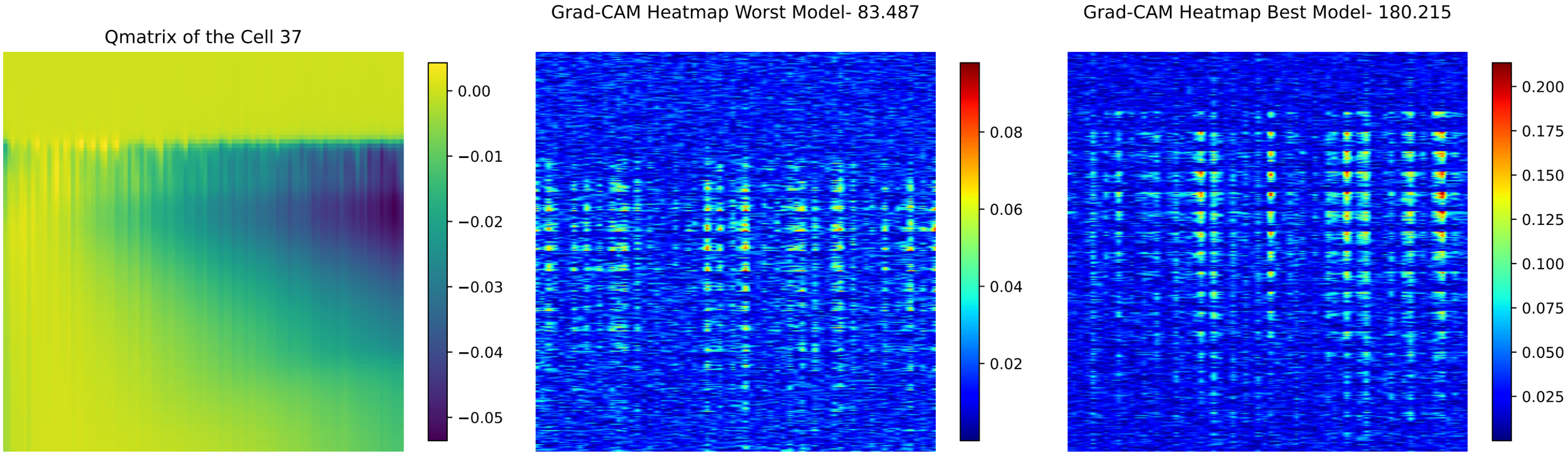

Qmatrix of the Cell 32
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 36.180
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 17.090
0.10
0.08
0.06
0.04
0.02

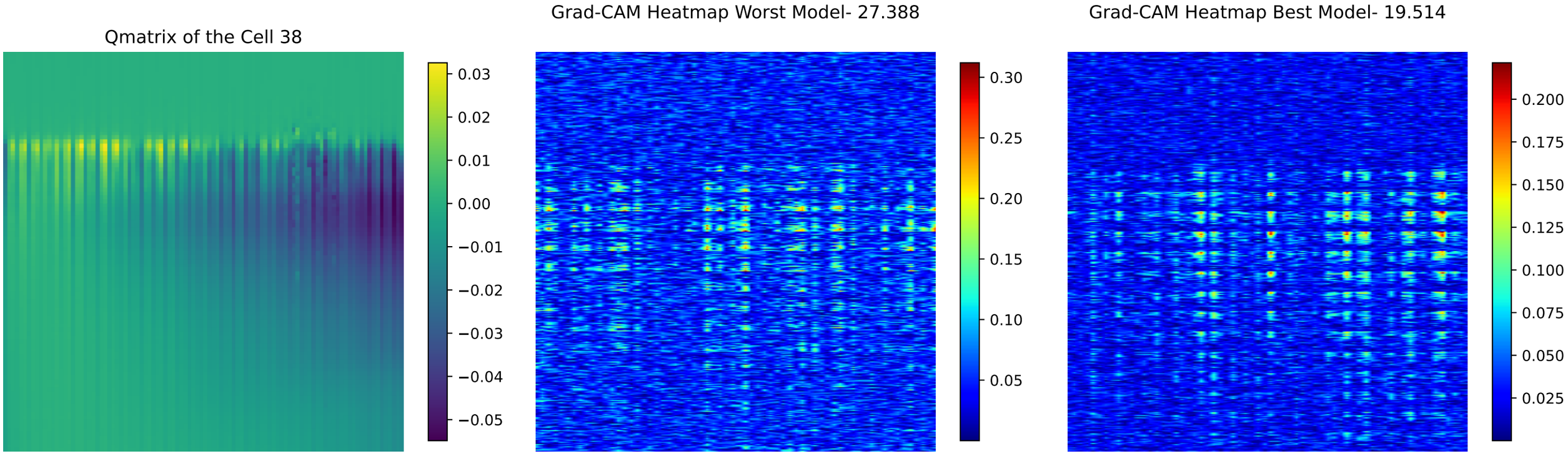

Qmatrix of the Cell 33
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 81.684
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 83.559
0.08
0.06
0.04
0.02

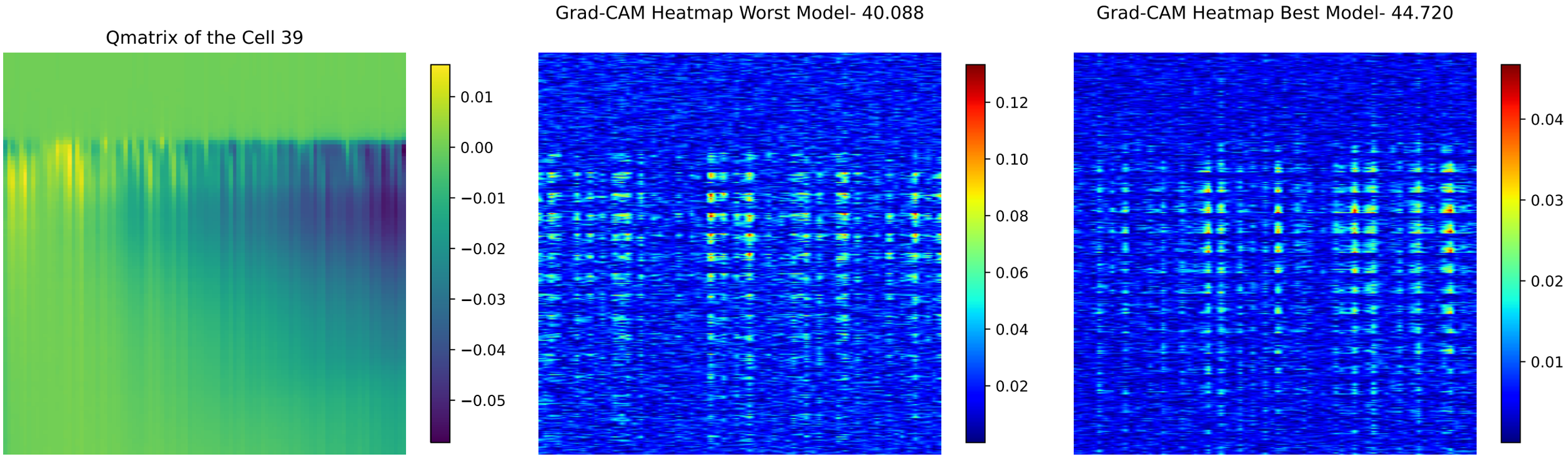

Qmatrix of the Cell 34
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 47.529
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 8.408
0.035
0.030
0.025
0.020
0.015
0.010
0.005

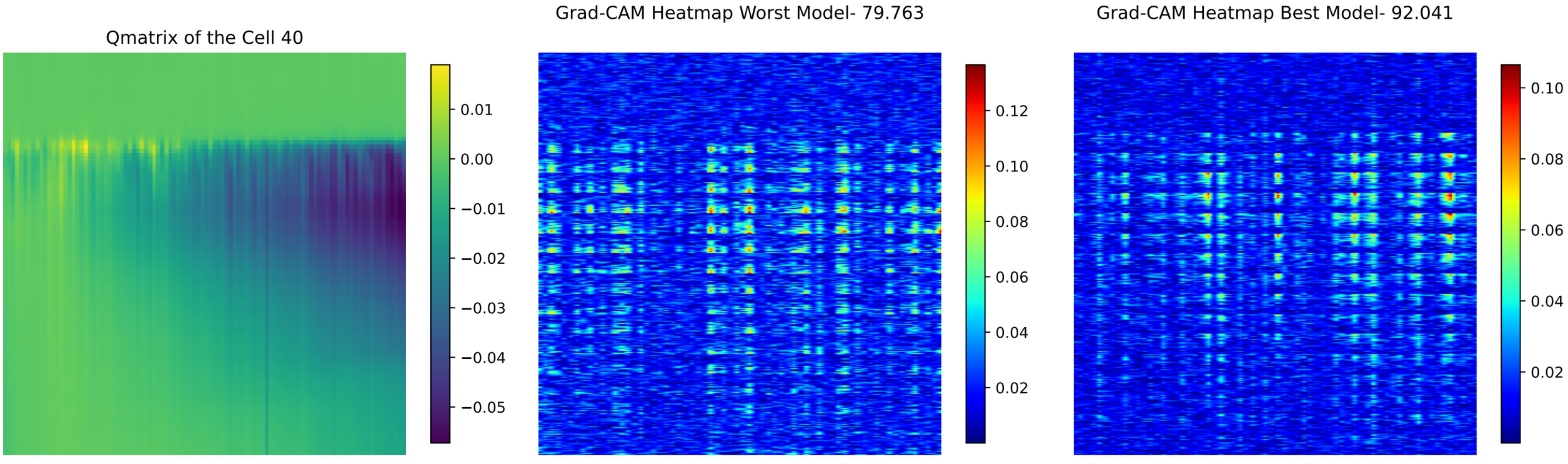

Qmatrix of the Cell 35
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 0.391
0.25
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 46.371
0.05
0.04
0.03
0.02
0.01

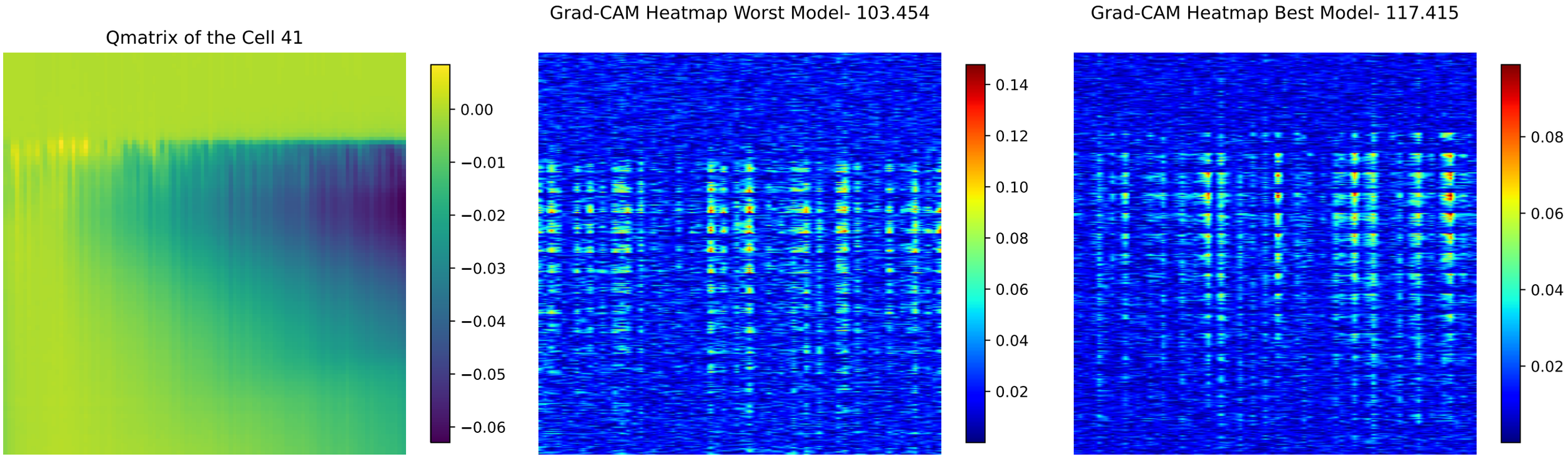

Qmatrix of the Cell 36
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 111.471
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
Grad-CAM Heatmap Best Model- 148.566
0.020
0.015
0.010
0.005

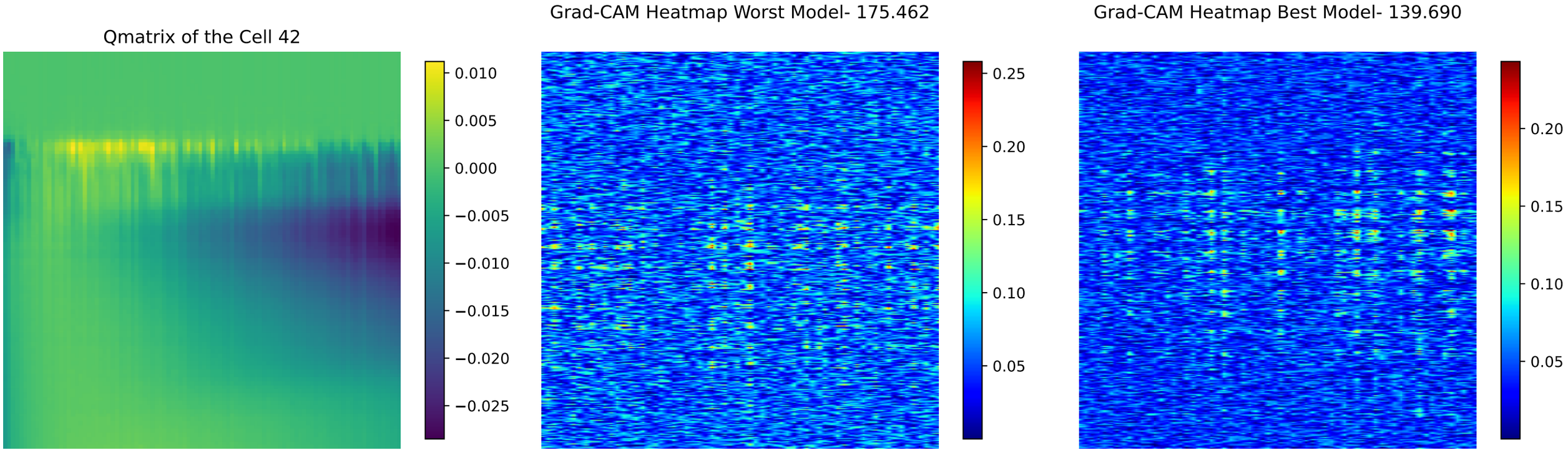

Qmatrix of the Cell 37
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 83.487
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 180.215
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025


Qmatrix of the Cell 38
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 27.388
0.30
0.25
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 19.514
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025


Qmatrix of the Cell 39
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 40.088
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 44.720
0.04
0.03
0.02
0.01


Qmatrix of the Cell 40
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 79.763
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 92.041
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 41
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 103.454
0.14
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 117.415
0.08
0.06
0.04
0.02


Qmatrix of the Cell 42
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
Grad-CAM Heatmap Worst Model- 175.462
0.25
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 139.690
0.20
0.15
0.10
0.05