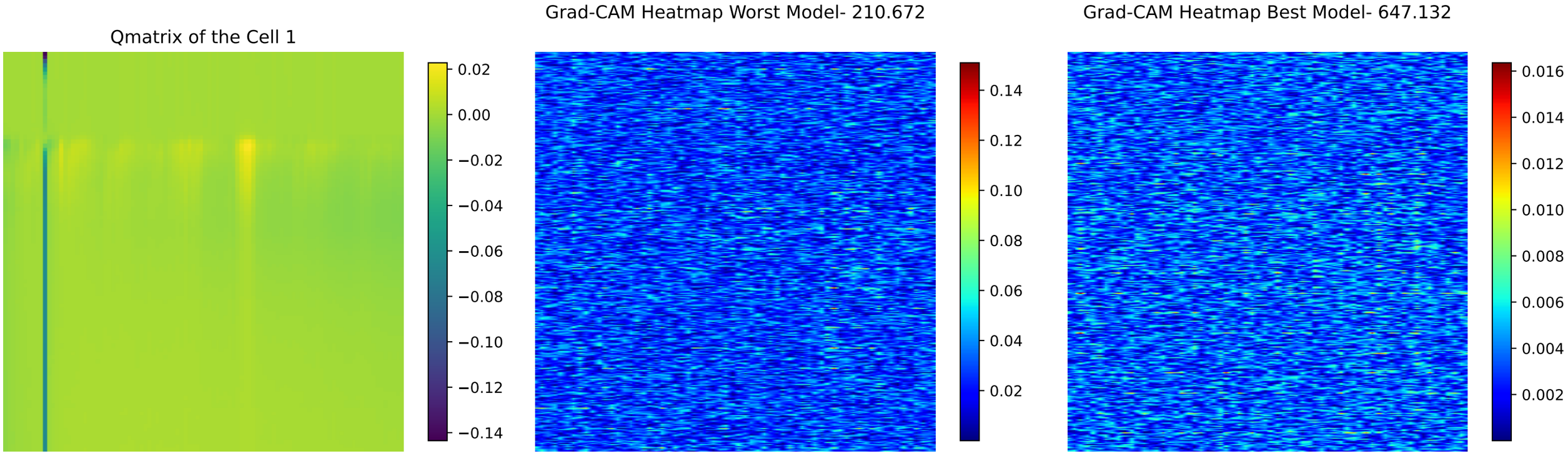
Qmatrix of the Cell 1
0.02
0.00
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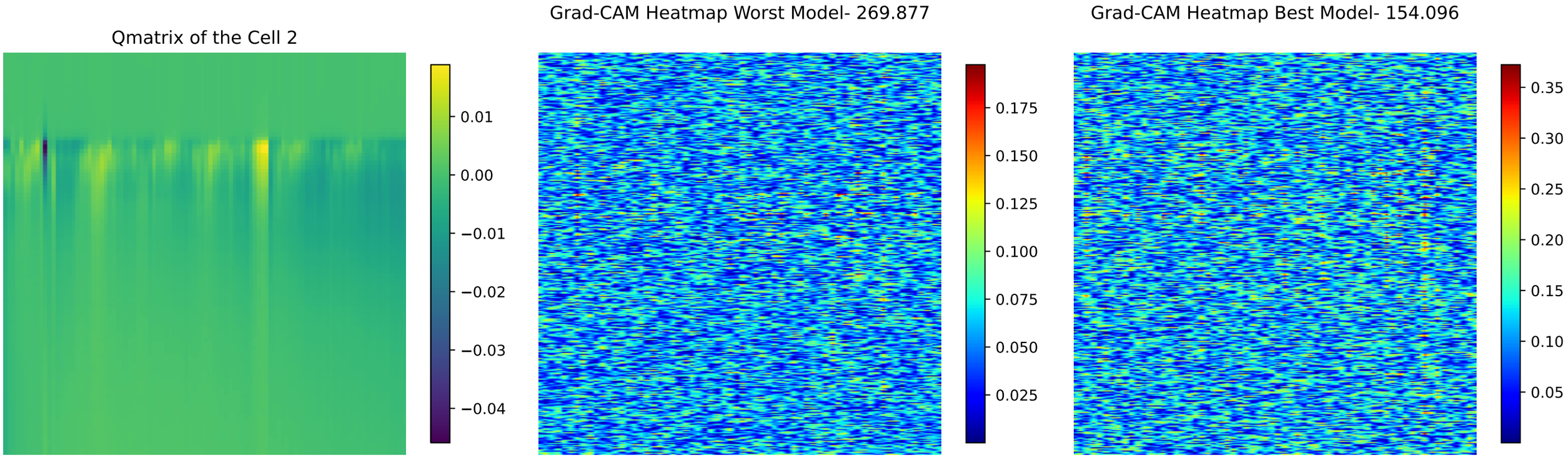
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
Grad-CAM Heatmap Worst Model- 210.672
0.14
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 647.132
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002


Qmatrix of the Cell 2
0.01
0.00
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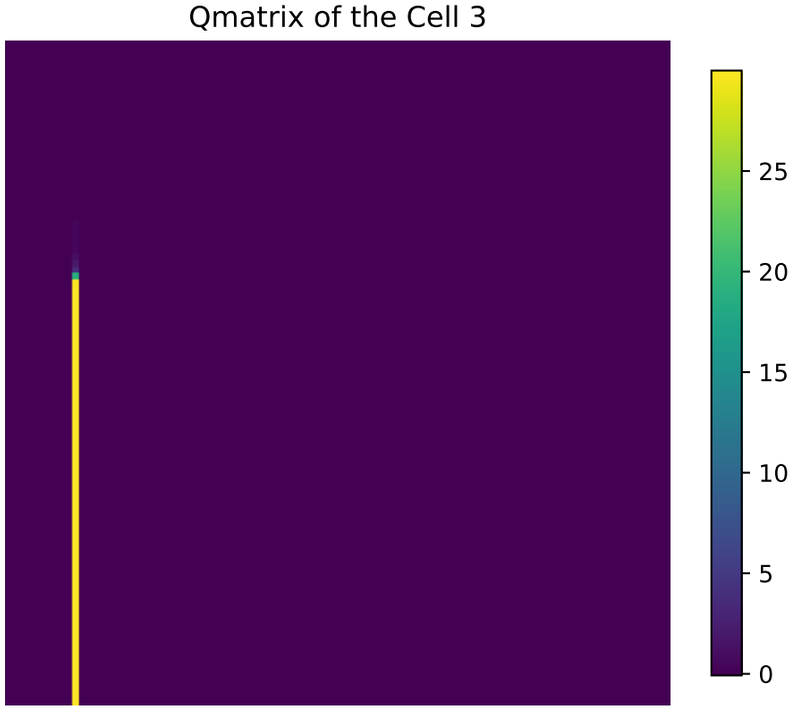
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 269.877
0.175
0.150
0.125
0.100
0.075
0.050
0.025
Grad-CAM Heatmap Best Model- 154.096
0.35
0.30
0.25
0.20
0.15
0.10
0.05


Qmatrix of the Cell 3
25
20
15
10
5
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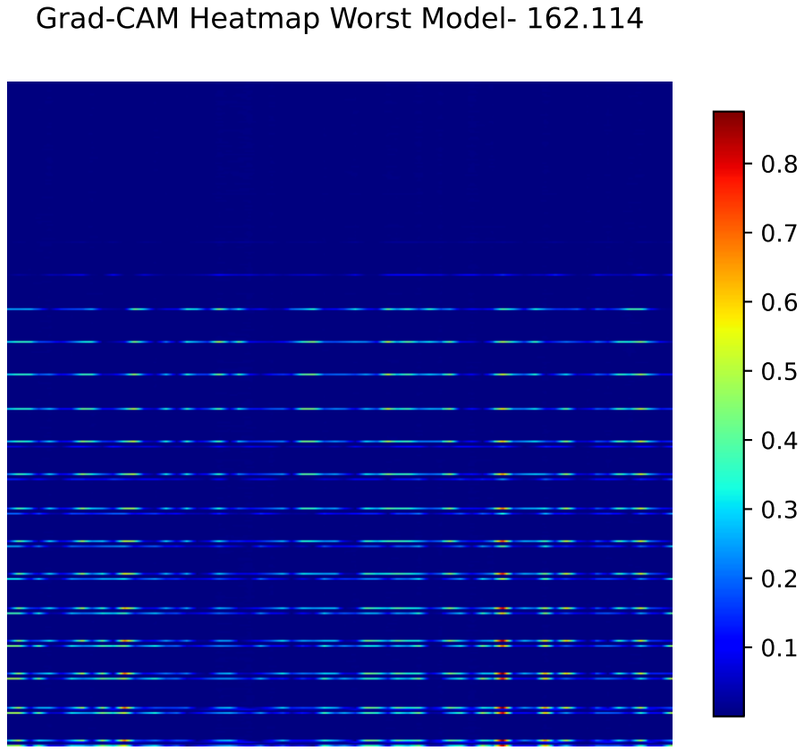
Grad-CAM Heatmap Worst Model- 162.114
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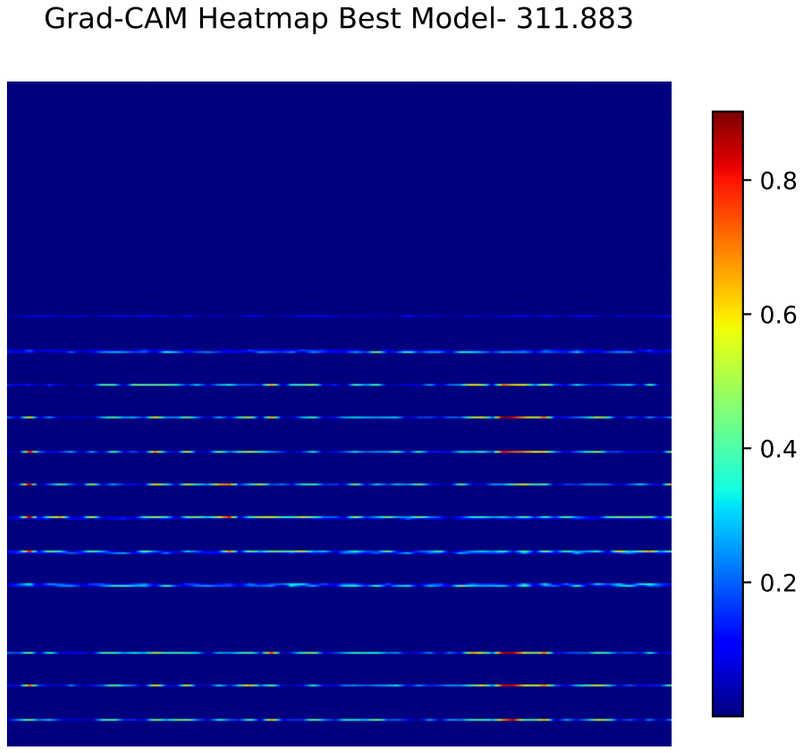
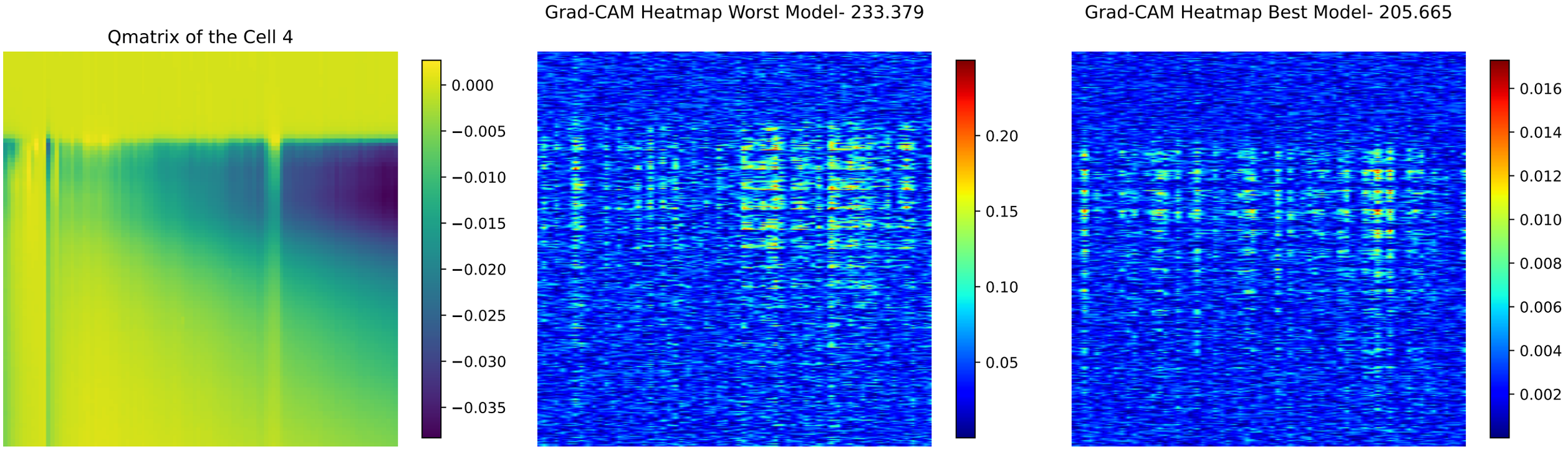
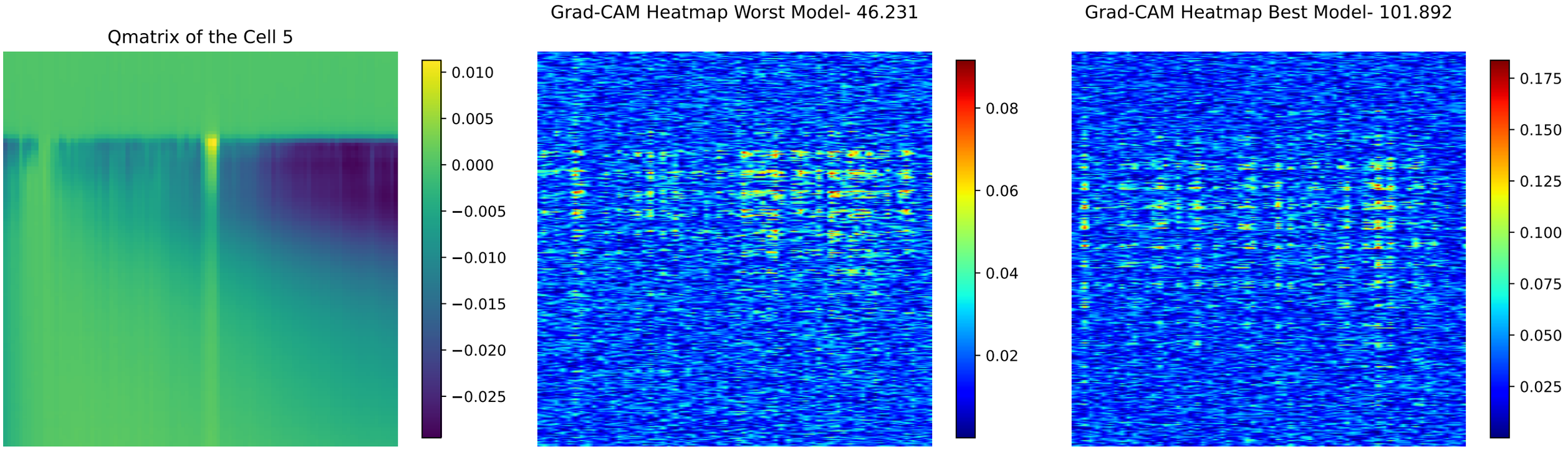
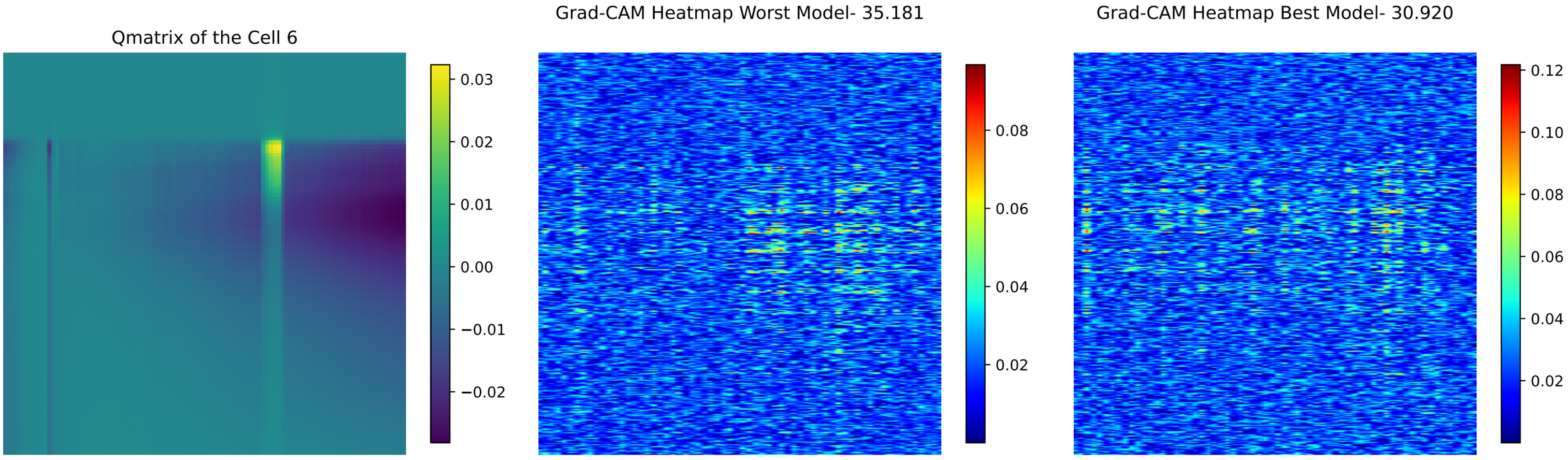
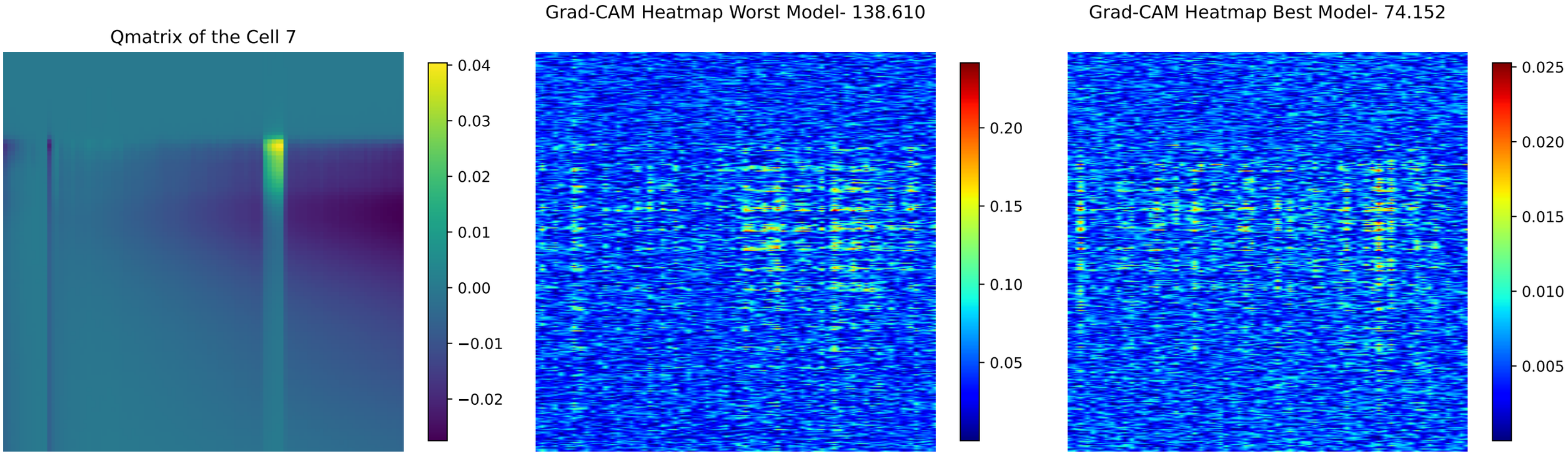
0.7
0.6
0.5
0.4
0.3
0.2
0.1


Grad-CAM Heatmap Best Model- 311.883
0.8
0.6
0.4
0.2


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- 233.379
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 205.665
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002


Qmatrix of the Cell 5
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
Grad-CAM Heatmap Worst Model- 46.231
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 101.892
0.175
0.150
0.125
0.100
0.075
0.050
0.025


Qmatrix of the Cell 6
0.03
0.02
0.01
0.00
−0.01
−0.02
Grad-CAM Heatmap Worst Model- 35.181
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 30.920
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 7
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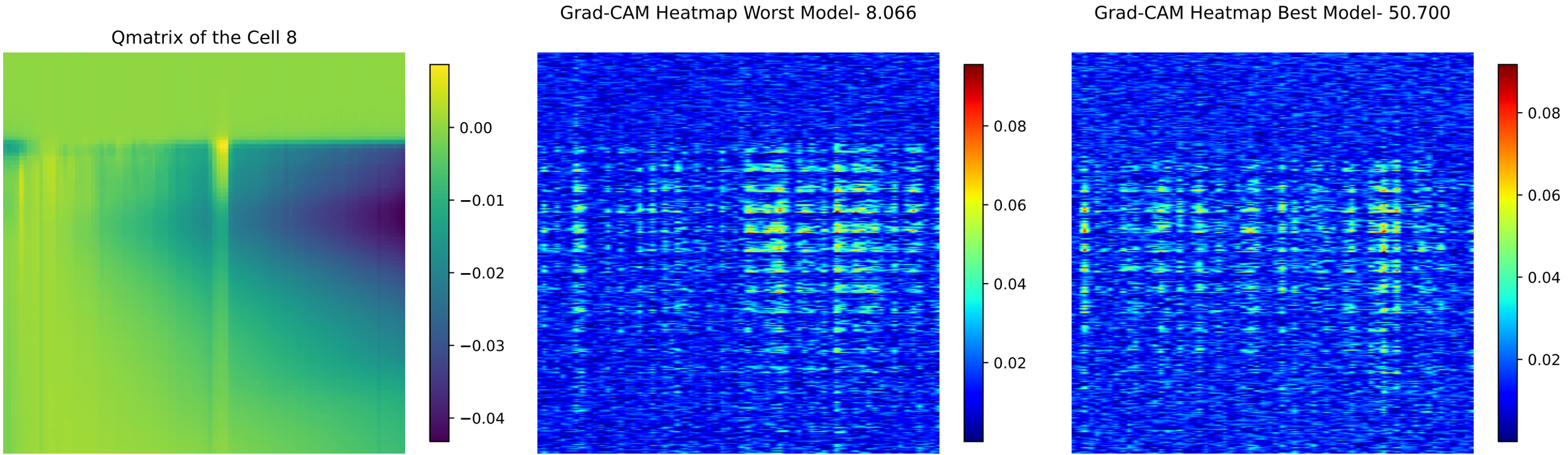
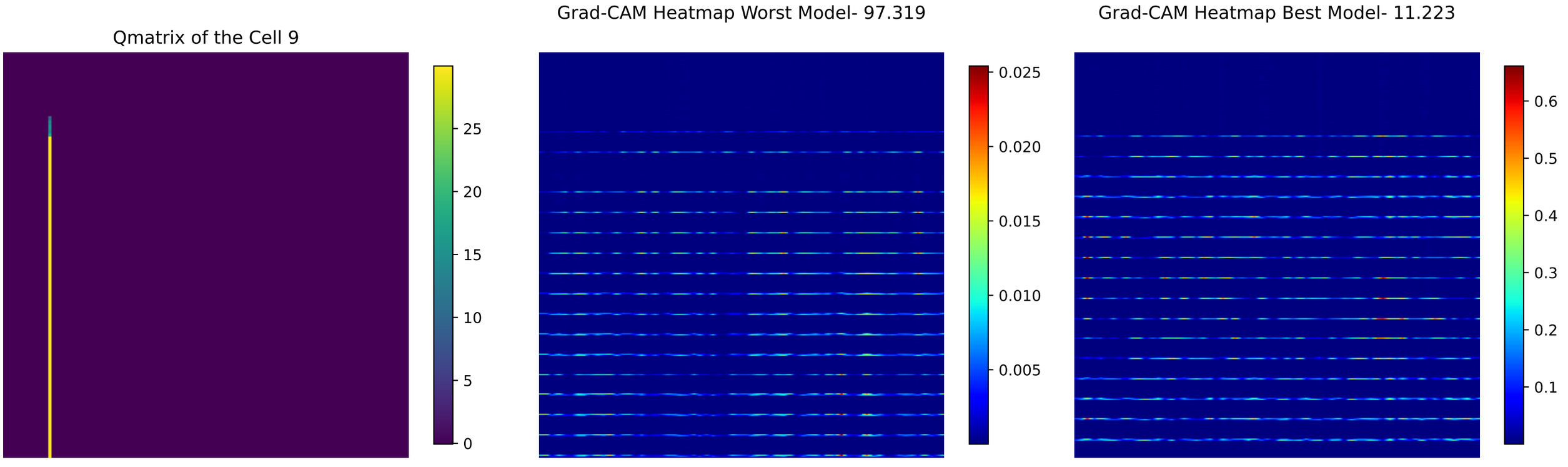
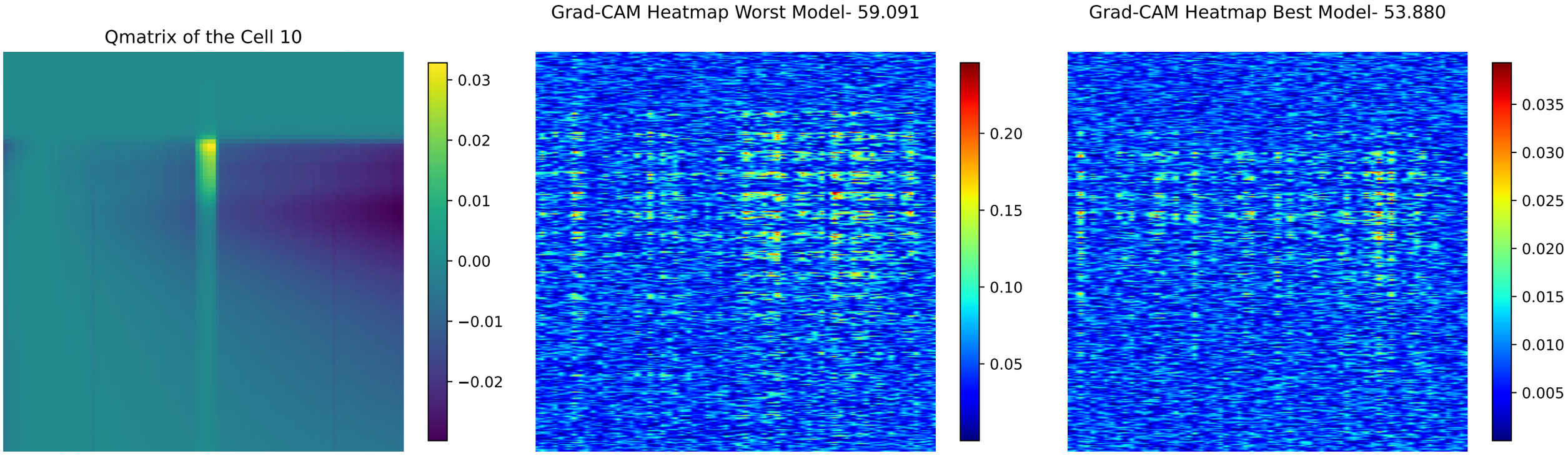
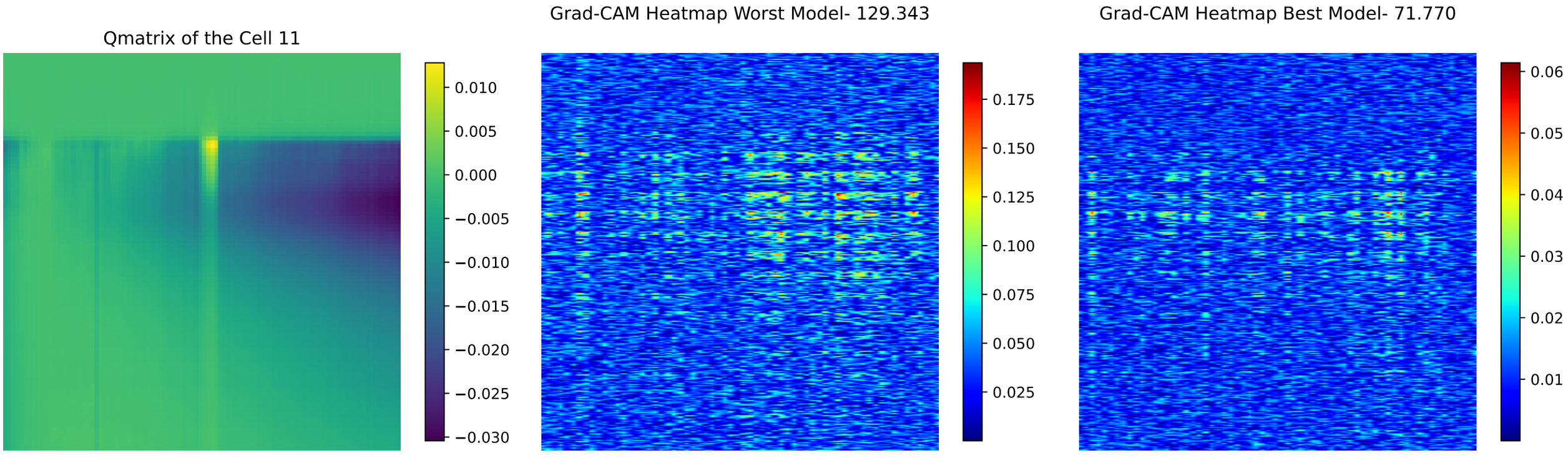
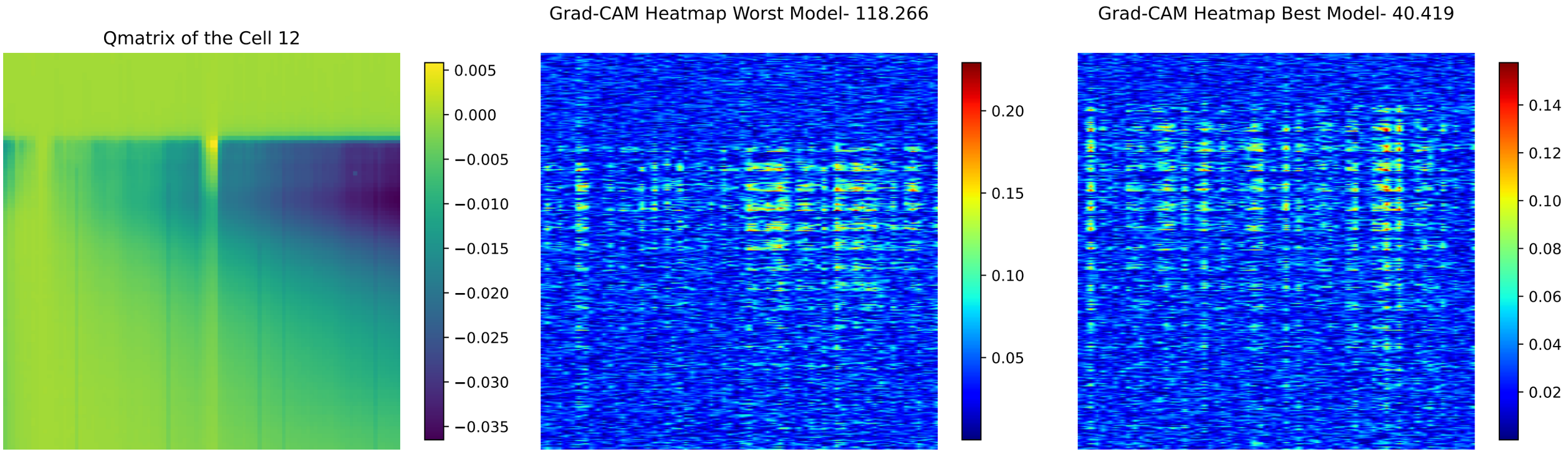
0.03
0.02
0.01
0.00
−0.01
−0.02
Grad-CAM Heatmap Worst Model- 138.610
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 74.152
0.025
0.020
0.015
0.010
0.005

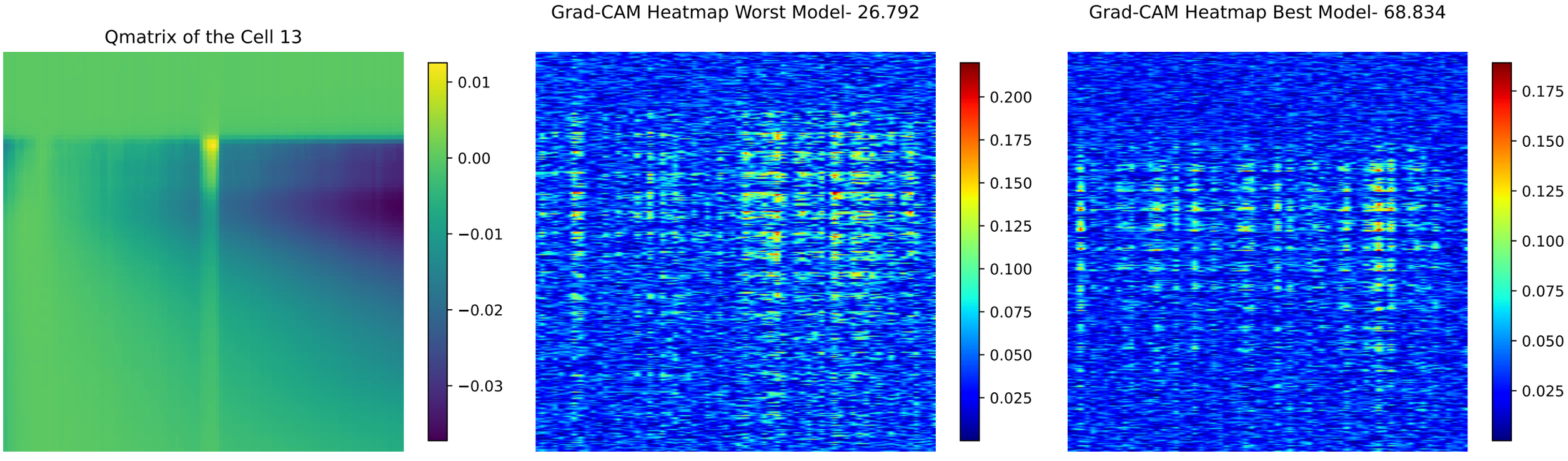

Qmatrix of the Cell 8
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 8.066
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 50.700
0.08
0.06
0.04
0.02


Qmatrix of the Cell 9
0
5
10
15
20
25
Grad-CAM Heatmap Worst Model- 97.319
0.005
0.010
0.015
0.020
0.025
Grad-CAM Heatmap Best Model- 11.223
0.1
0.2
0.3
0.4
0.5
0.6


Qmatrix of the Cell 10
0.03
0.02
0.01
0.00
−0.01
−0.02
Grad-CAM Heatmap Worst Model- 59.091
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 53.880
0.035
0.030
0.025
0.020
0.015
0.010
0.005


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- 129.343
0.175
0.150
0.125
0.100
0.075
0.050
0.025
Grad-CAM Heatmap Best Model- 71.770
0.06
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 12
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
−0.035
Grad-CAM Heatmap Worst Model- 118.266
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 40.419
0.14
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 13
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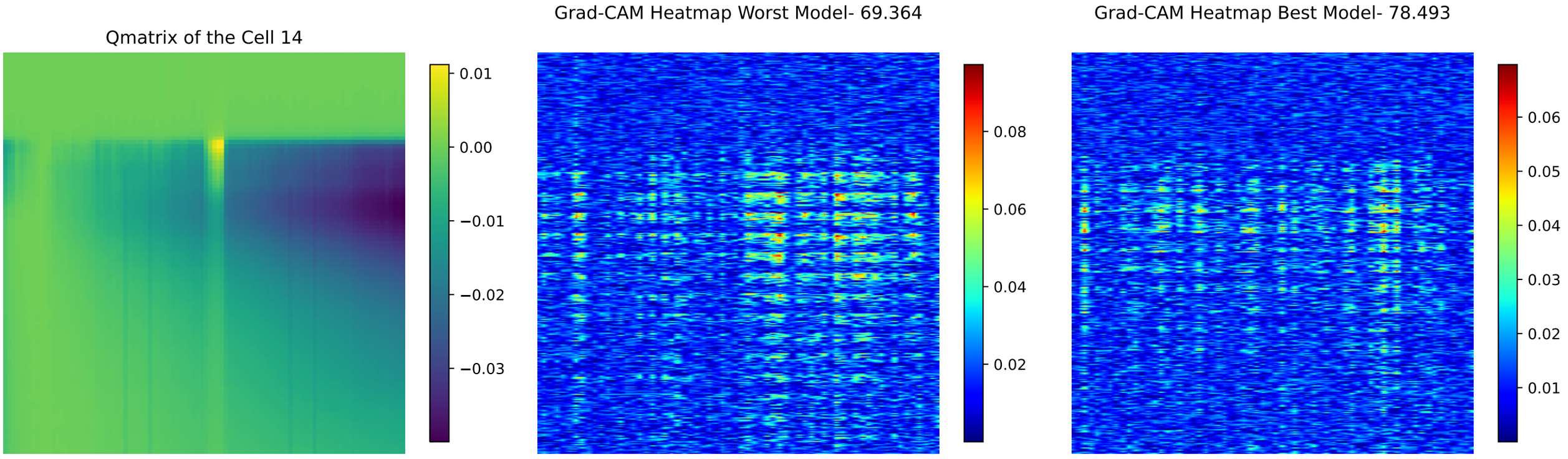
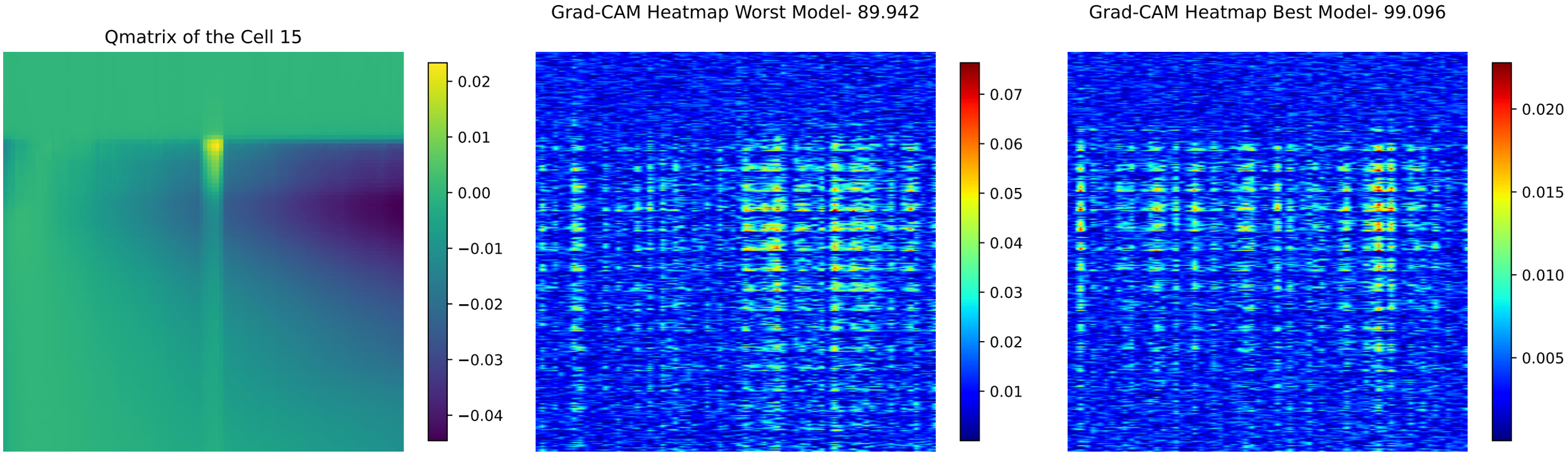
0.00
−0.01
−0.02
−0.03
Grad-CAM Heatmap Worst Model- 26.792
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
Grad-CAM Heatmap Best Model- 68.834
0.175
0.150
0.125
0.100
0.075
0.050
0.025


Qmatrix of the Cell 14
0.01
0.00
−0.01
−0.02
−0.03
Grad-CAM Heatmap Worst Model- 69.364
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 78.493
0.06
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 15
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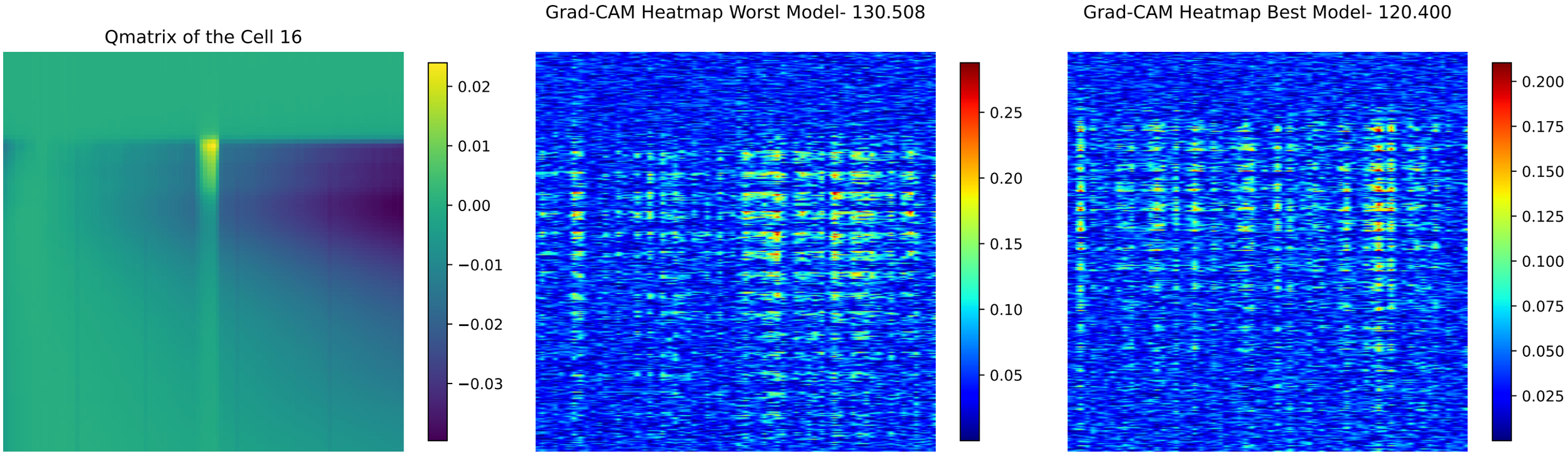
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 89.942
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 99.096
0.020
0.015
0.010
0.005


Qmatrix of the Cell 16
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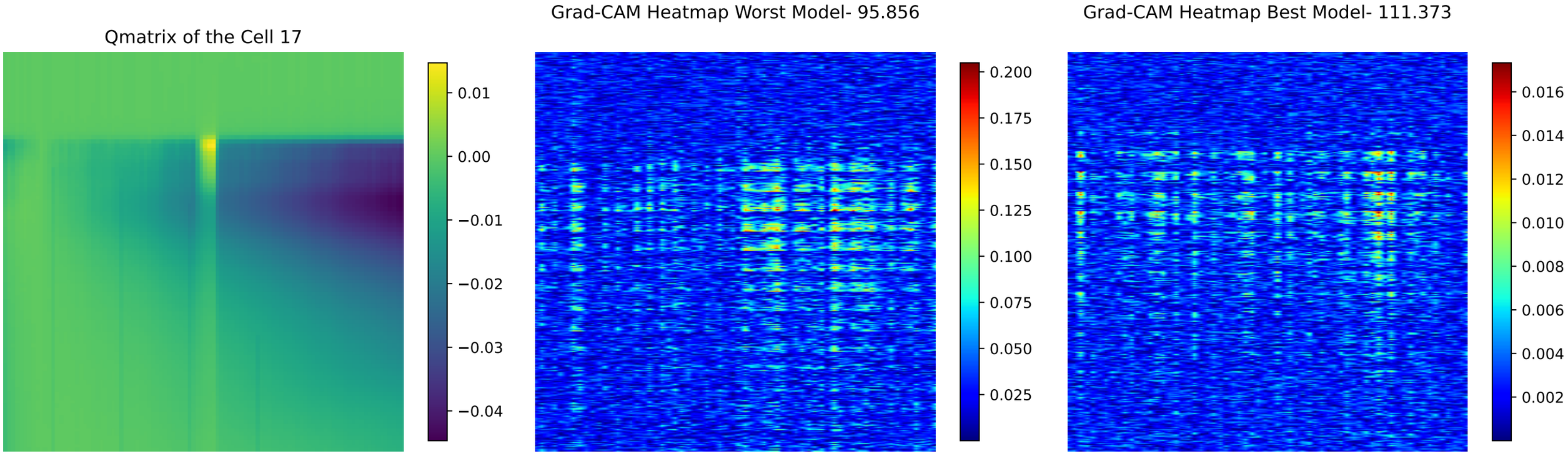
0.00
−0.01
−0.02
−0.03
Grad-CAM Heatmap Worst Model- 130.508
0.25
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 120.400
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025


Qmatrix of the Cell 17
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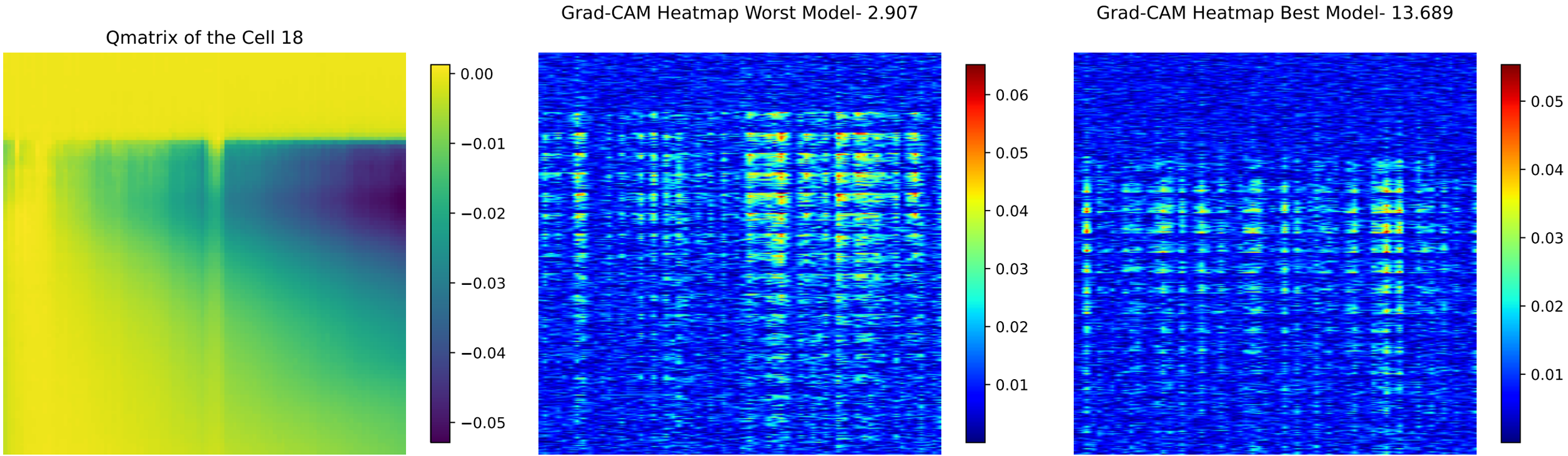
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 95.856
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
Grad-CAM Heatmap Best Model- 111.373
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002


Qmatrix of the Cell 18
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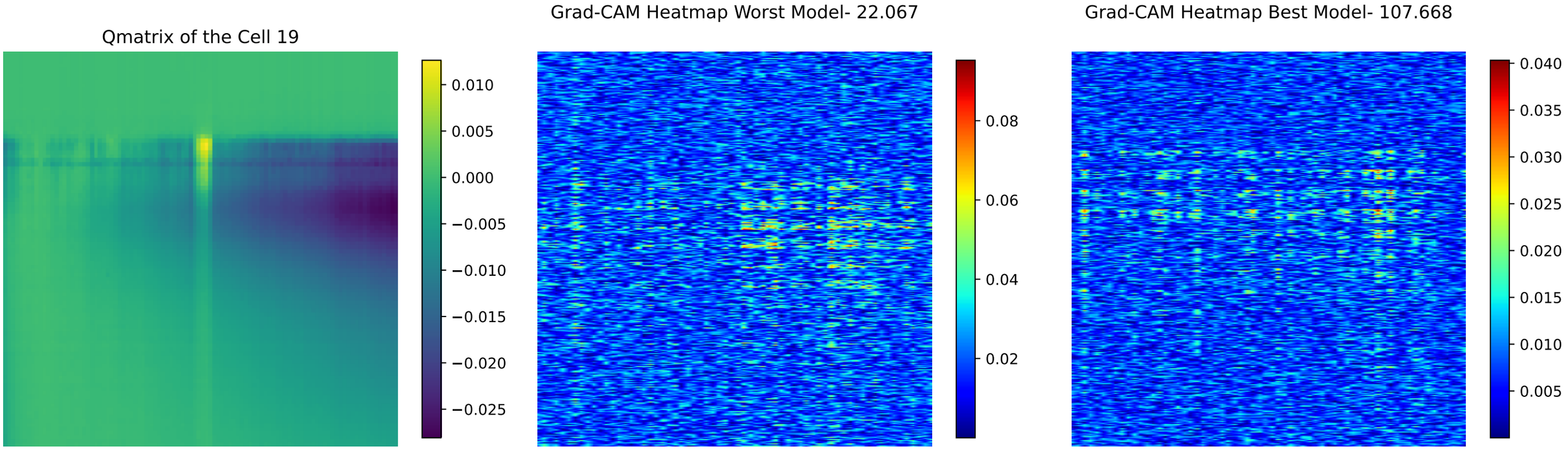
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 2.907
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 13.689
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 19
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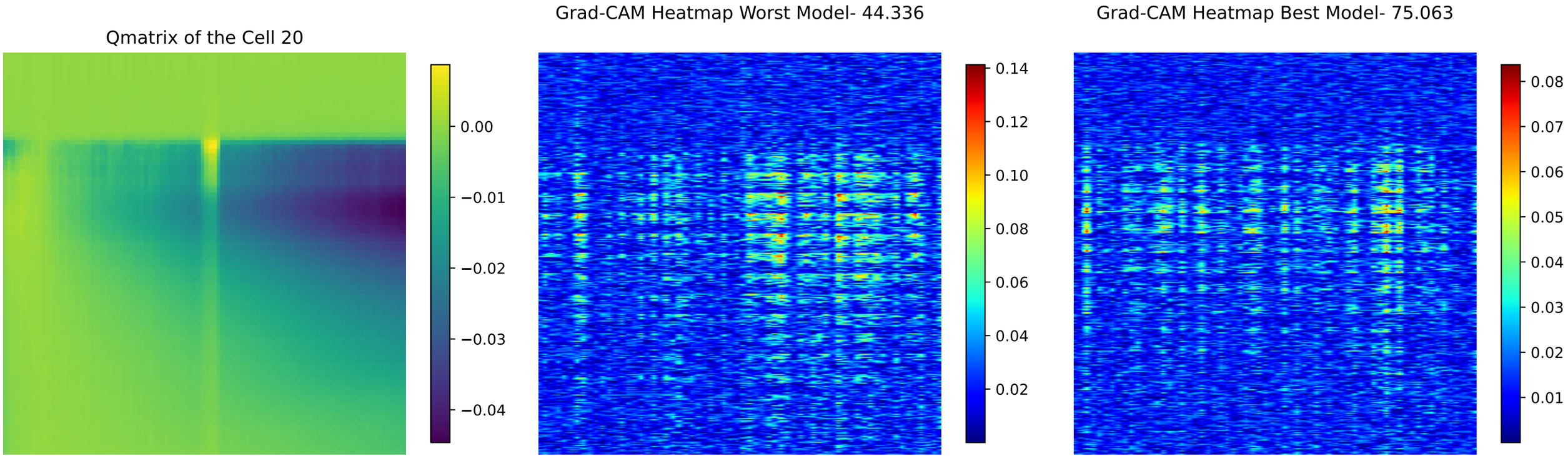
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
Grad-CAM Heatmap Worst Model- 22.067
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 107.668
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005


Qmatrix of the Cell 20
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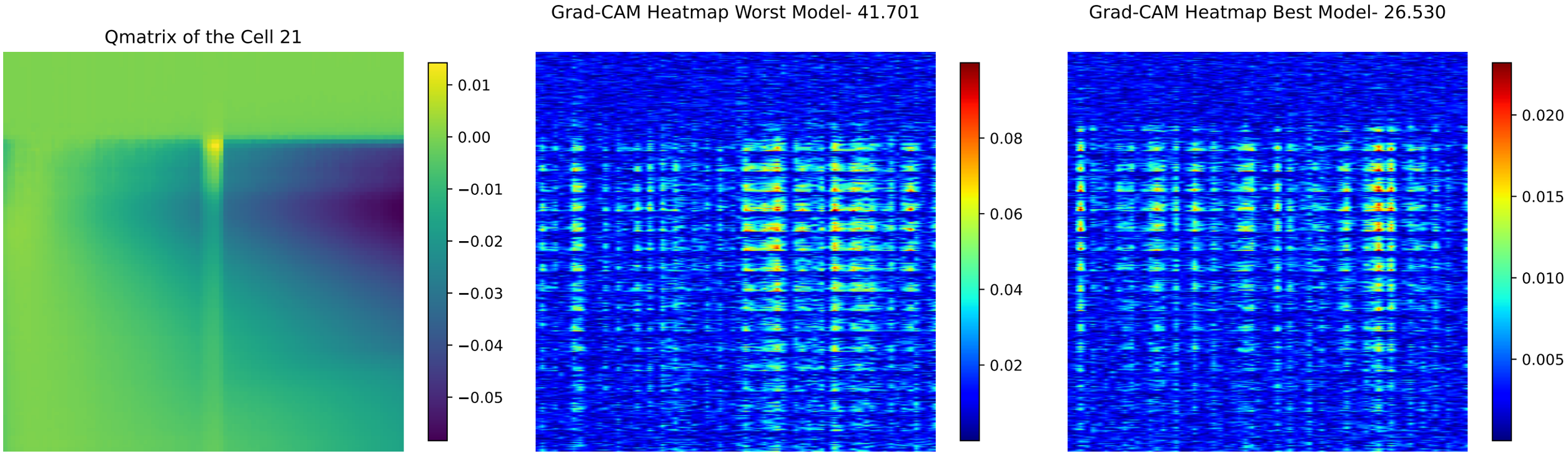
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 44.336
0.14
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 75.063
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 21
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0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 41.701
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0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 26.530
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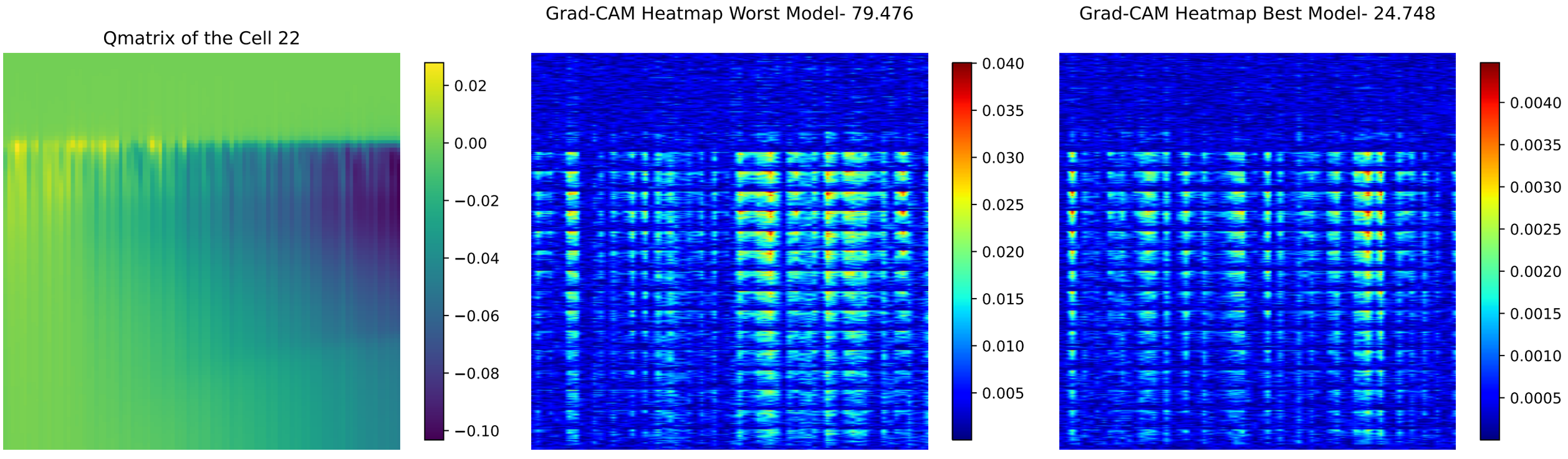
0.015
0.010
0.005


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- 79.476
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 24.748
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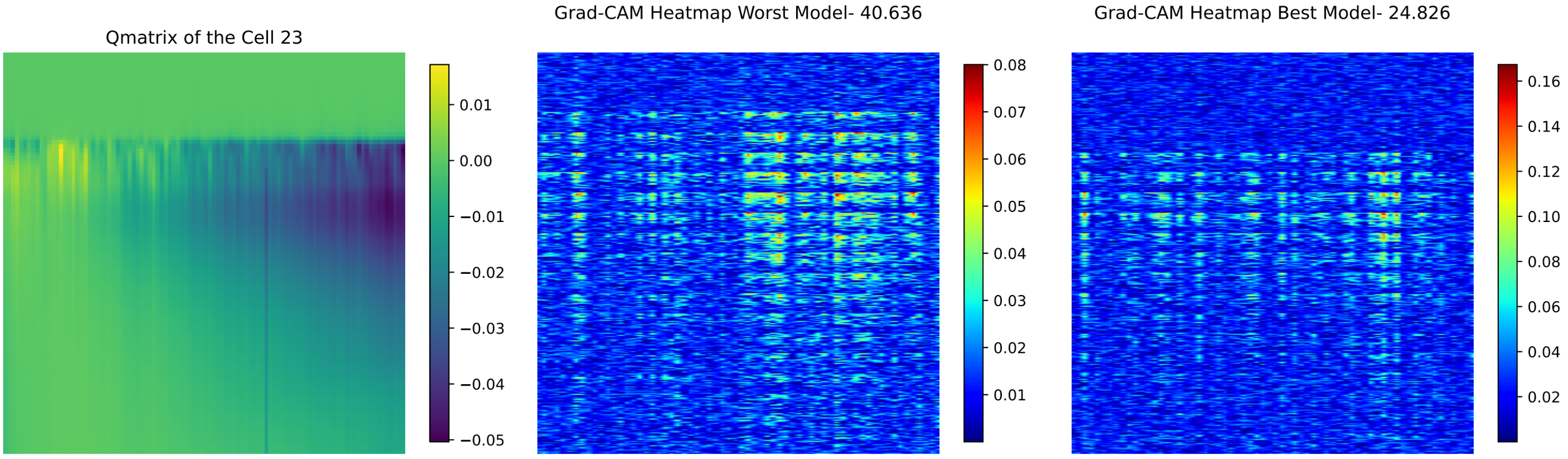
0.0035
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005


Qmatrix of the Cell 23
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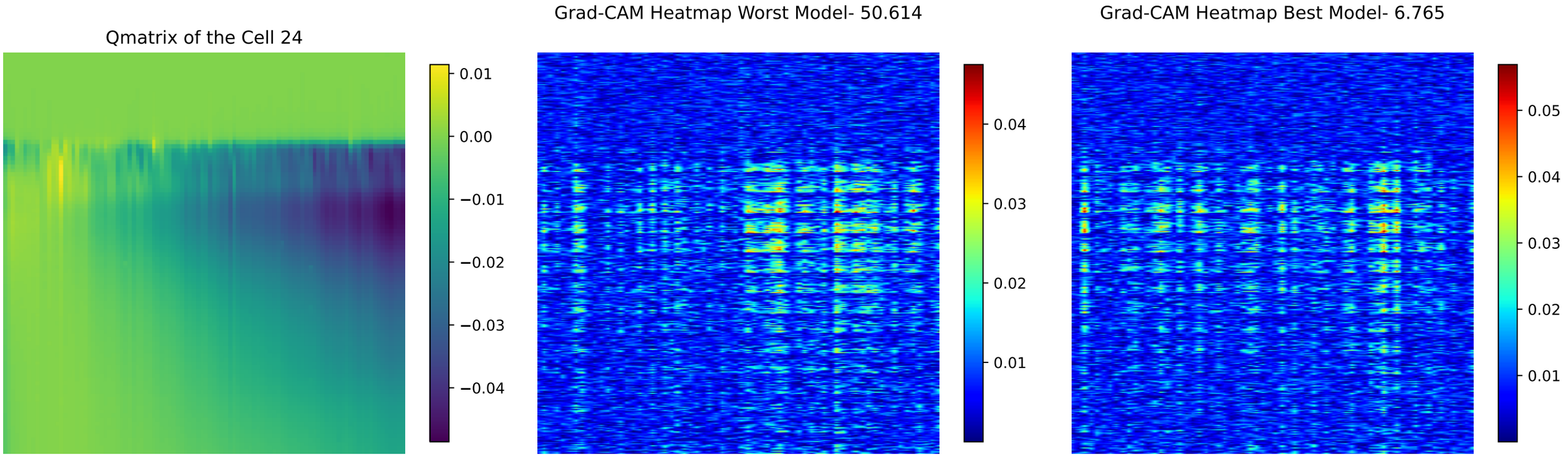
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 40.636
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 24.826
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 24
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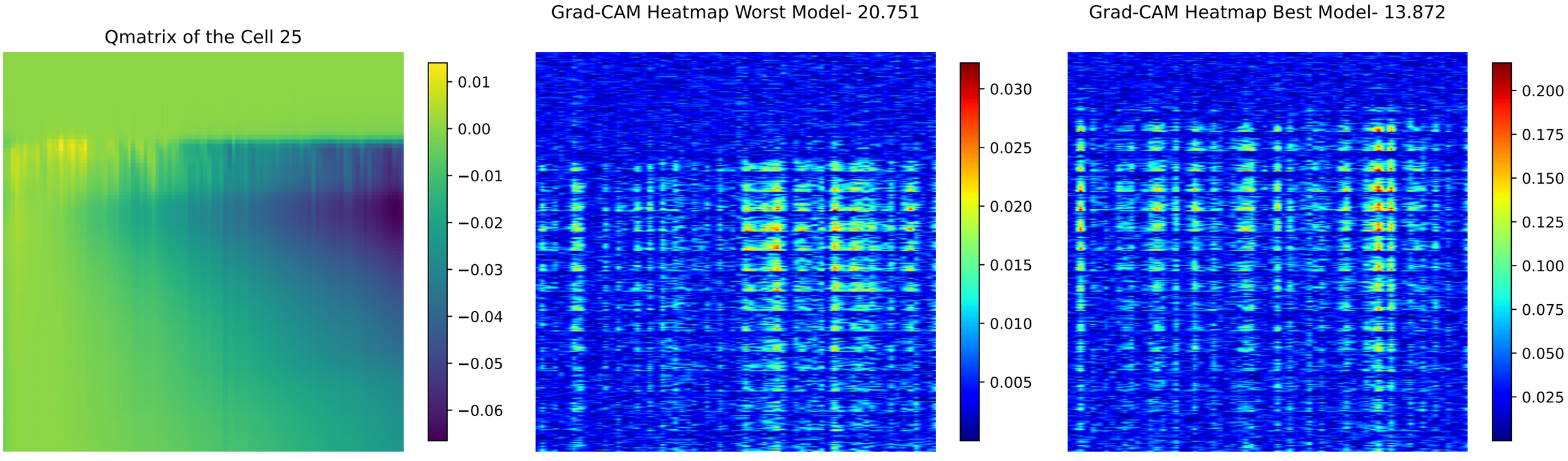
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 50.614
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 6.765
0.05
0.04
0.03
0.02
0.01


Qmatrix of the Cell 25
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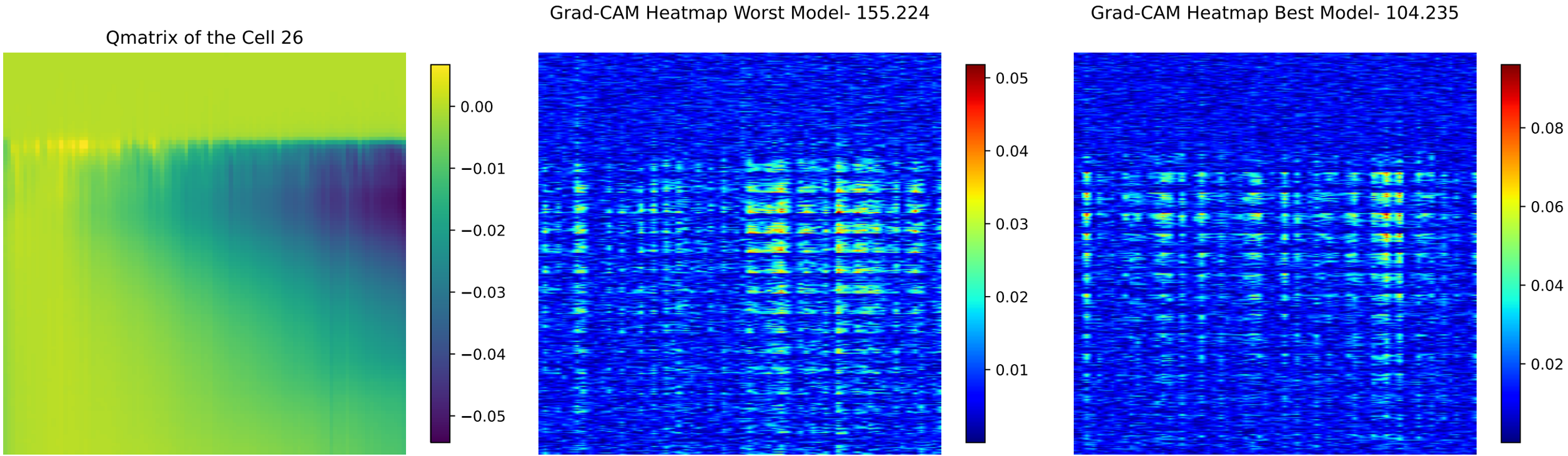
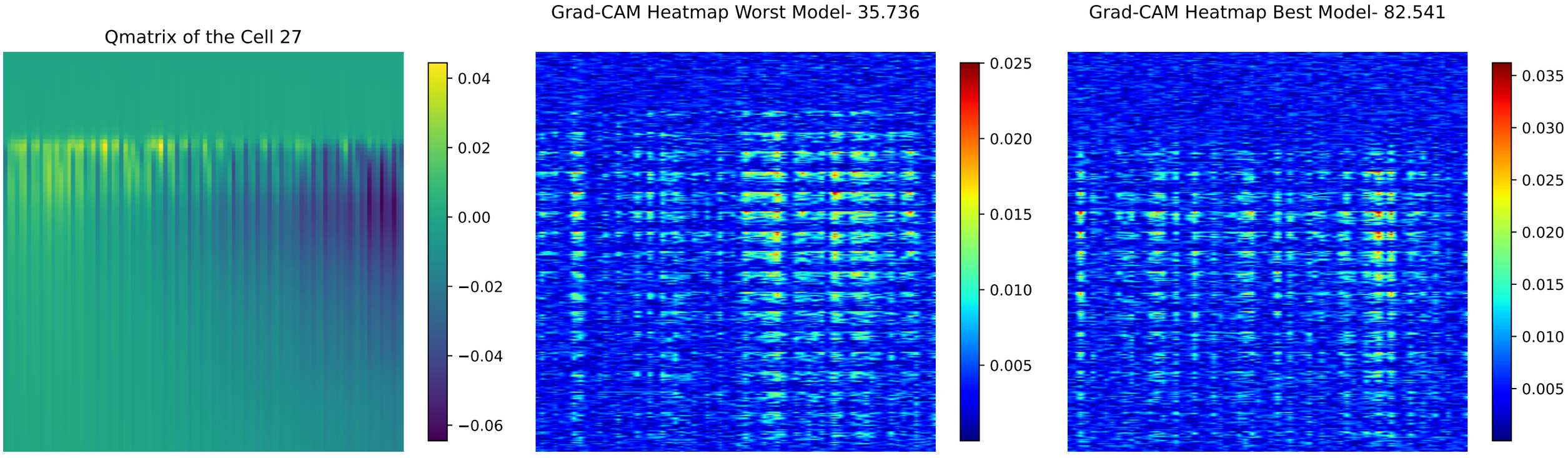
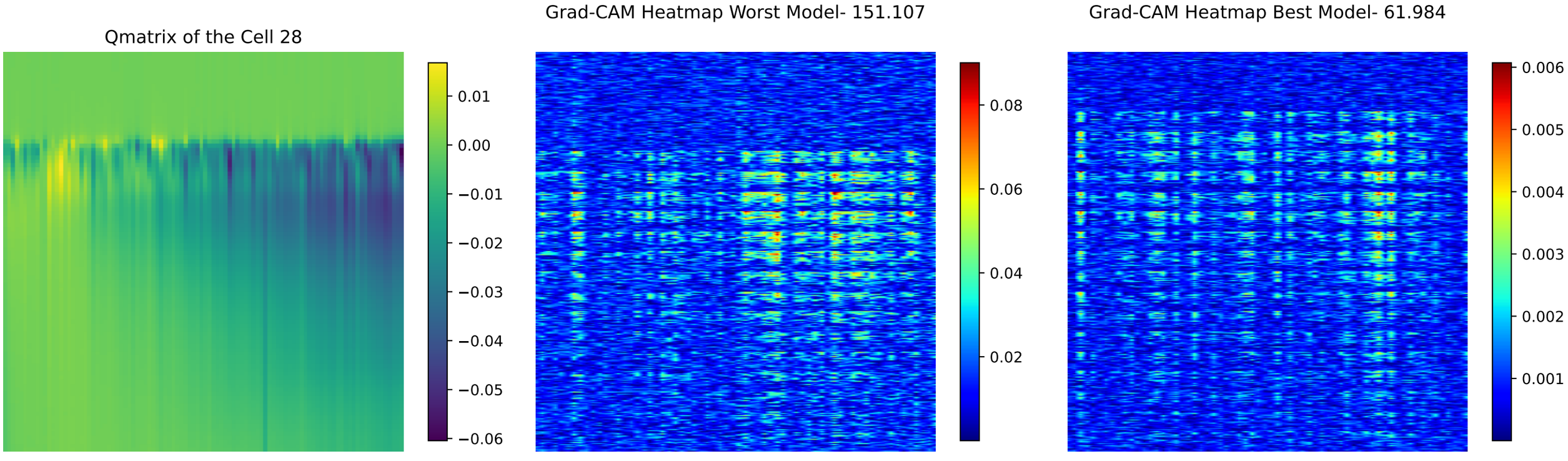
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 20.751
0.030
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 13.872
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025


Qmatrix of the Cell 26
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 155.224
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 104.235
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- 35.736
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 82.541
0.035
0.030
0.025
0.020
0.015
0.010
0.005


Qmatrix of the Cell 28
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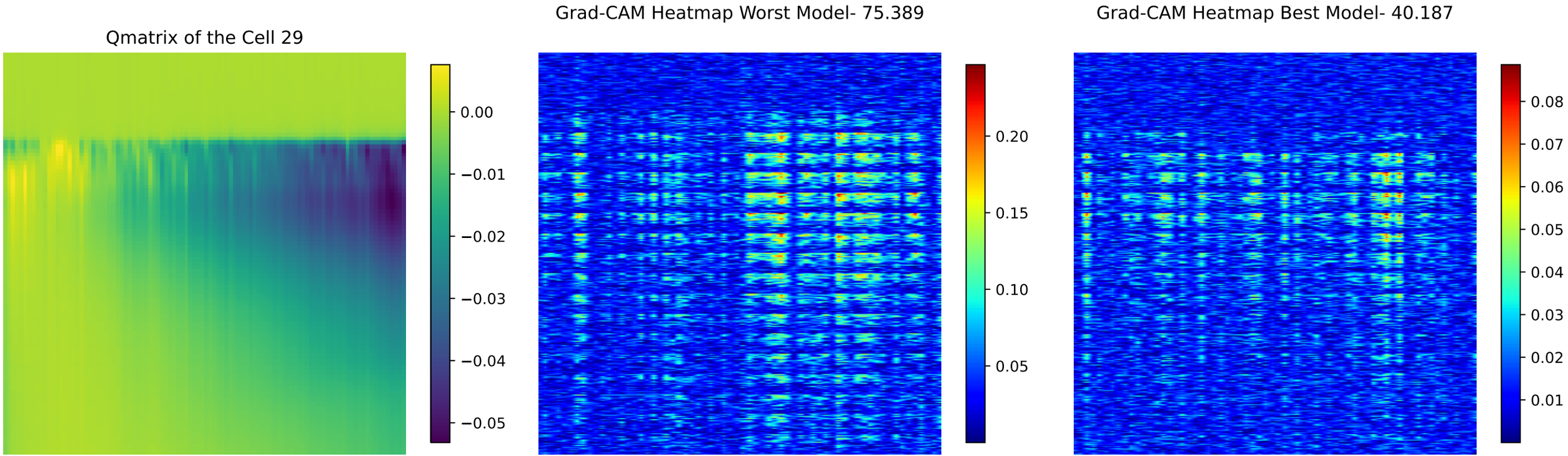
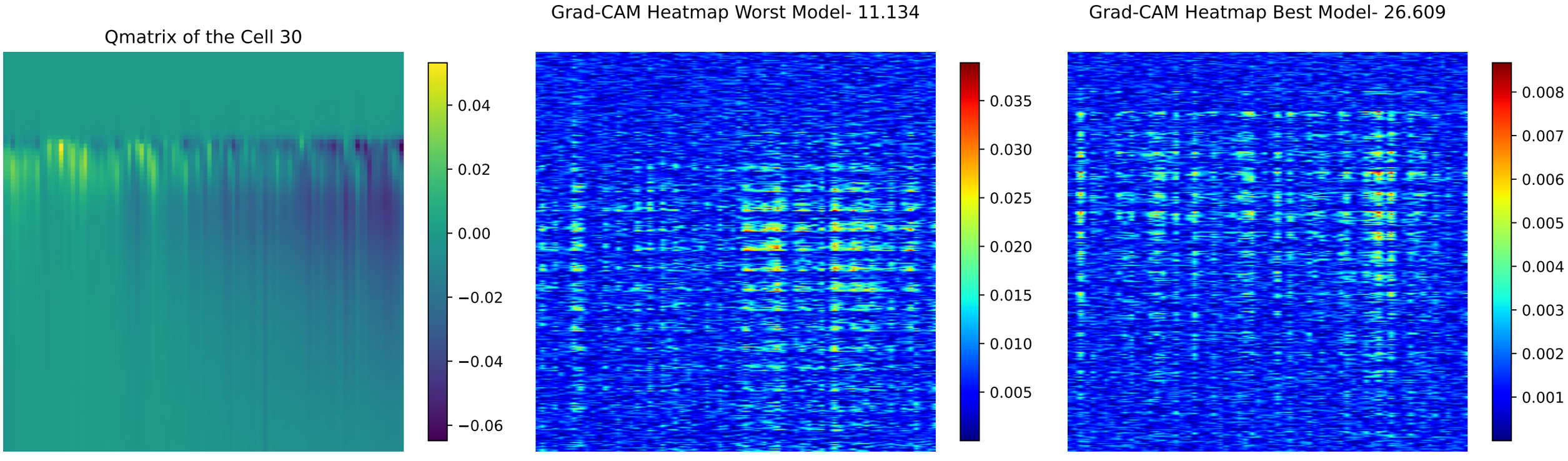
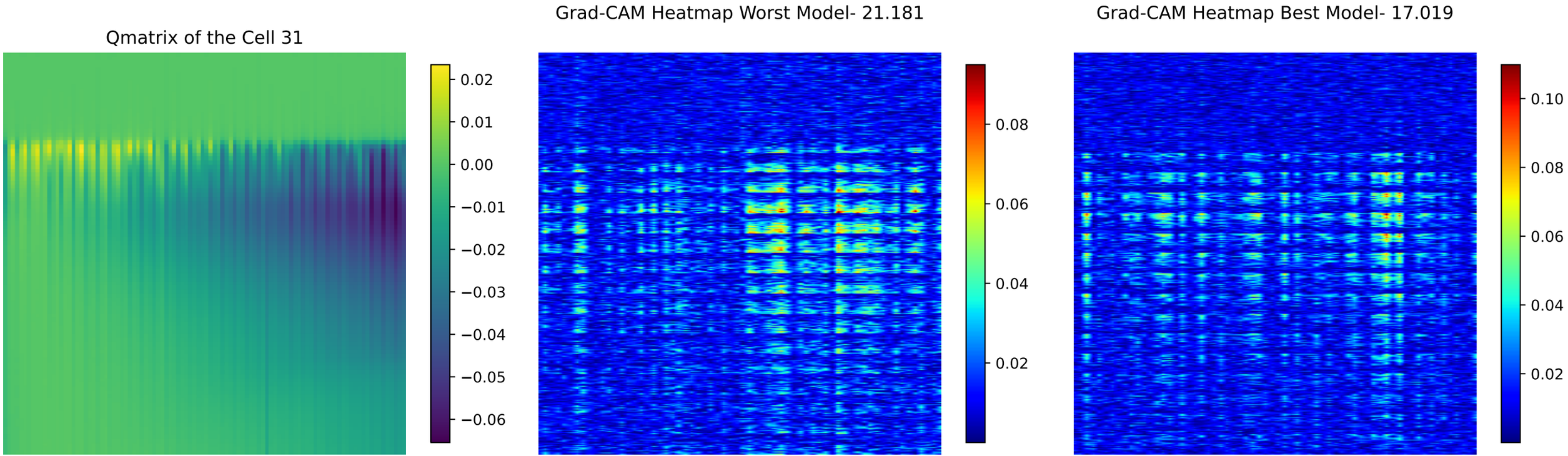
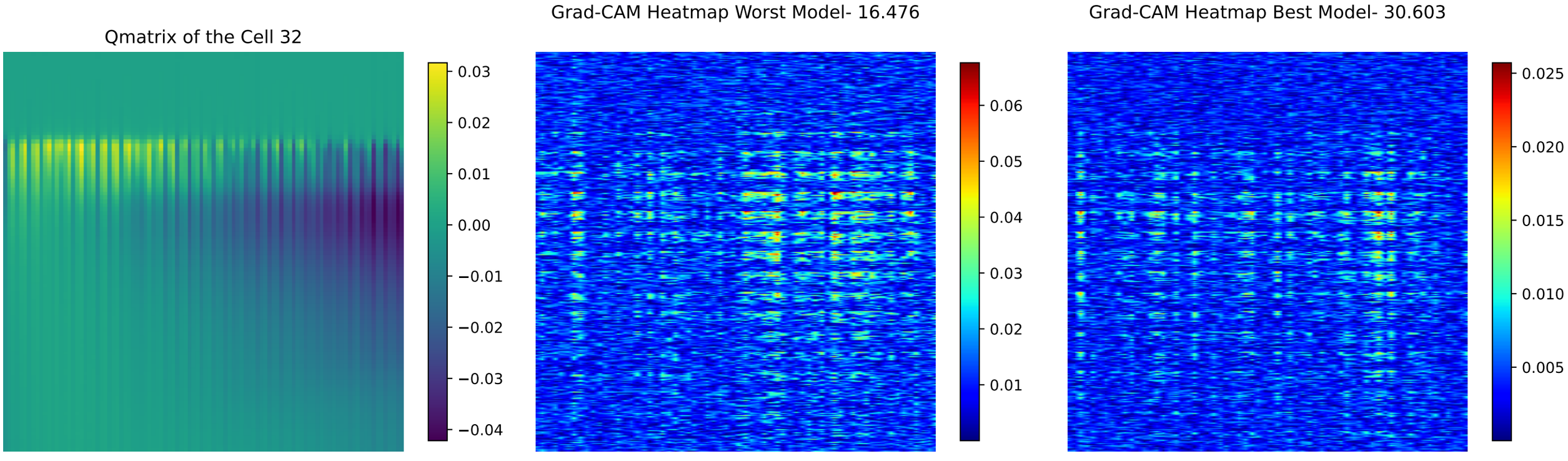
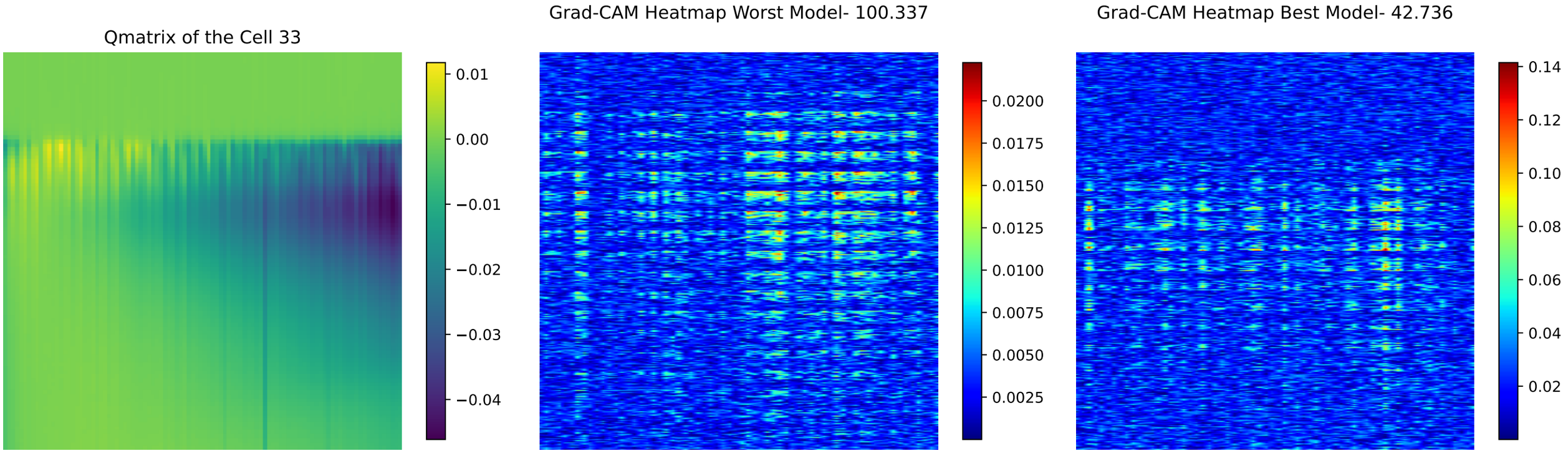
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 151.107
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 61.984
0.006
0.005
0.004
0.003
0.002
0.001

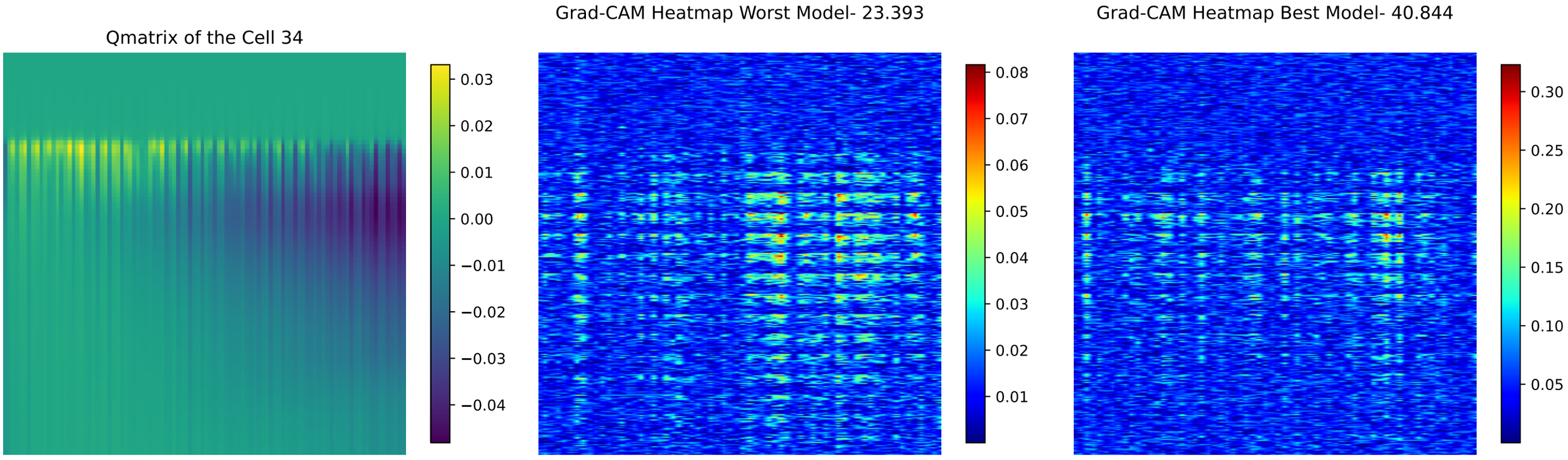

Qmatrix of the Cell 29
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 75.389
0.20
0.15
0.10
0.05
Grad-CAM Heatmap Best Model- 40.187
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01

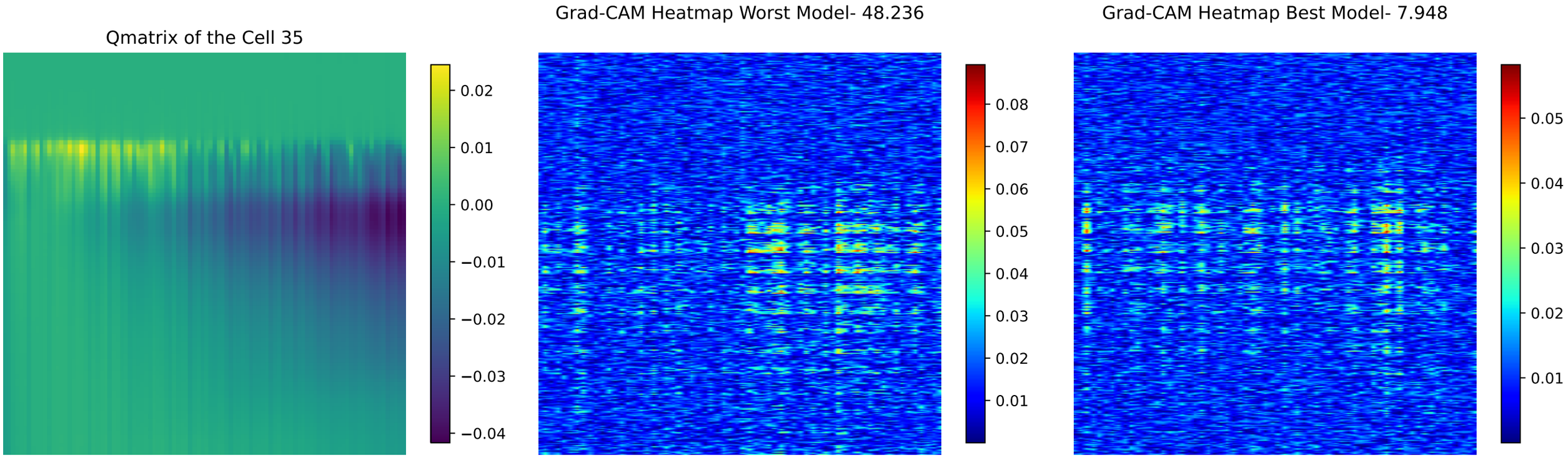

Qmatrix of the Cell 30
0.04
0.02
0.00
−0.02
−0.04
−0.06
Grad-CAM Heatmap Worst Model- 11.134
0.035
0.030
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 26.609
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001

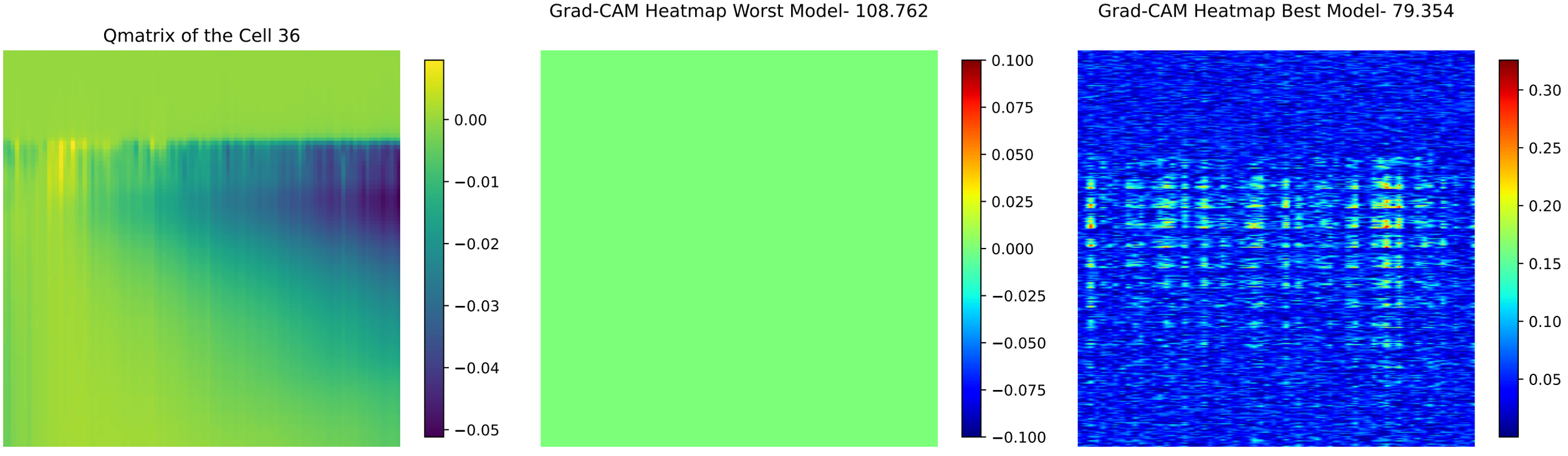

Qmatrix of the Cell 31
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 21.181
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 17.019
0.10
0.08
0.06
0.04
0.02

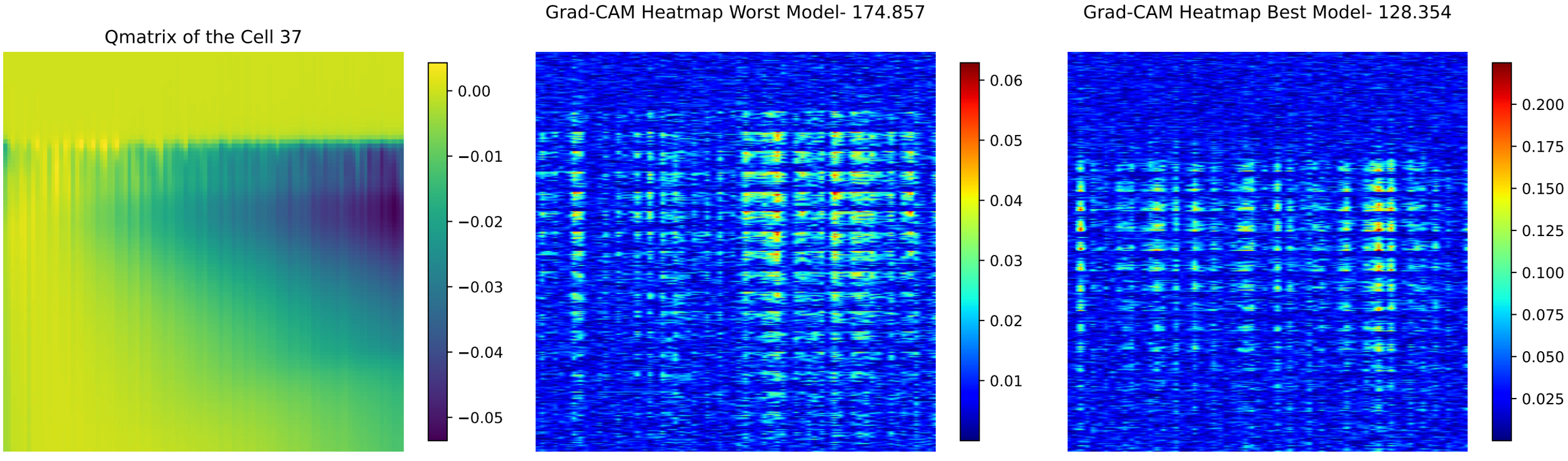

Qmatrix of the Cell 32
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 16.476
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 30.603
0.025
0.020
0.015
0.010
0.005

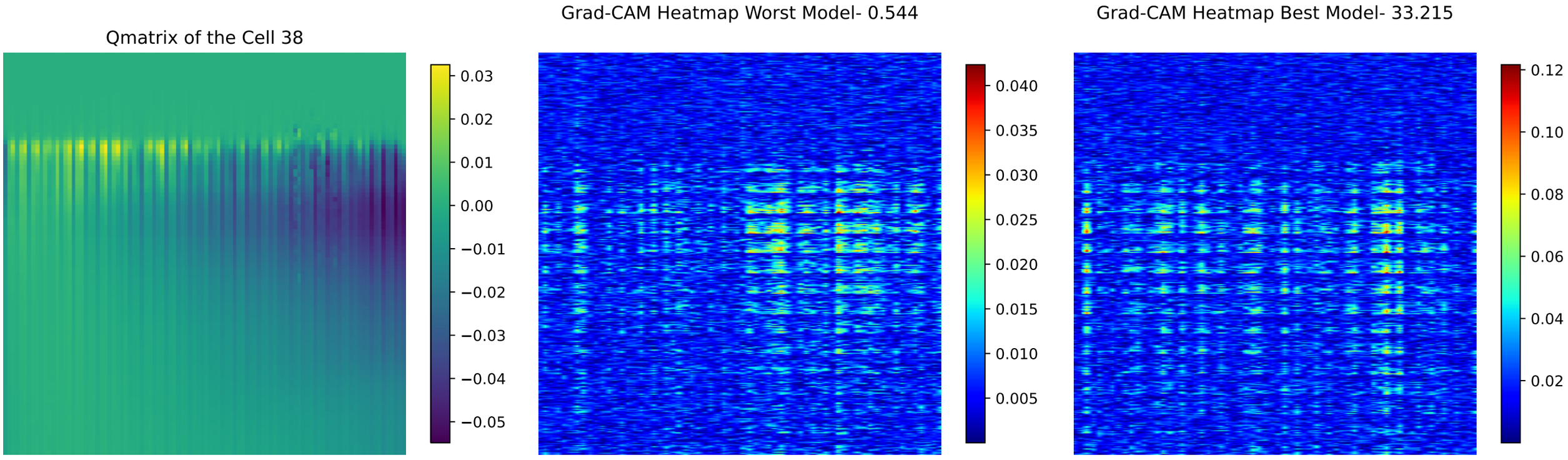

Qmatrix of the Cell 33
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 100.337
0.0200
0.0175
0.0150
0.0125
0.0100
0.0075
0.0050
0.0025
Grad-CAM Heatmap Best Model- 42.736
0.14
0.12
0.10
0.08
0.06
0.04
0.02

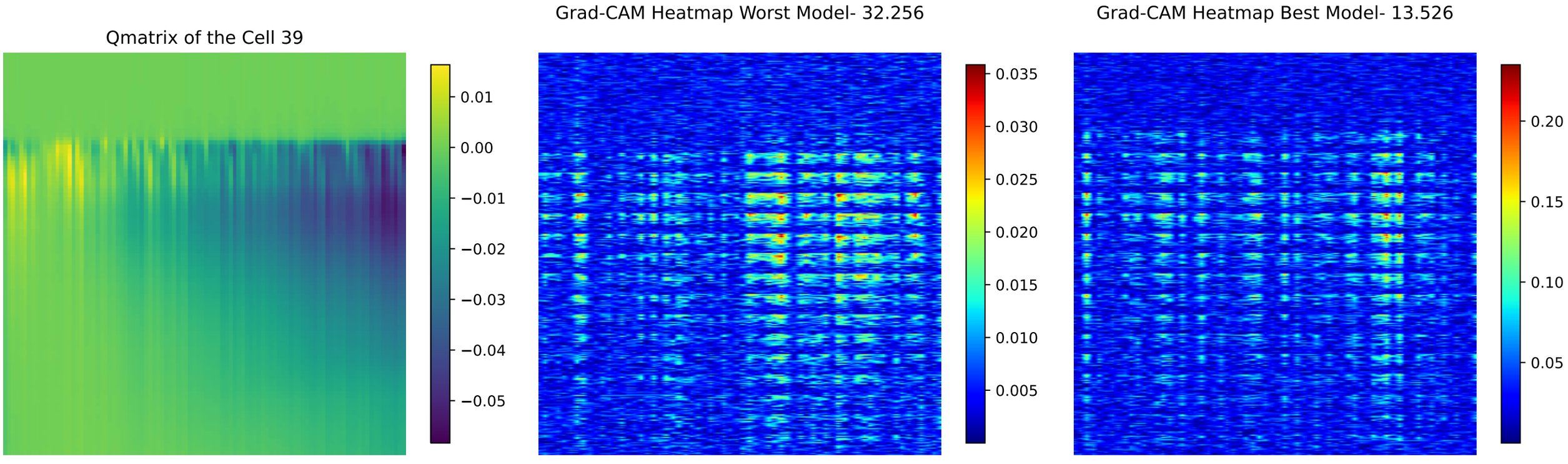

Qmatrix of the Cell 34
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 23.393
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 40.844
0.30
0.25
0.20
0.15
0.10
0.05

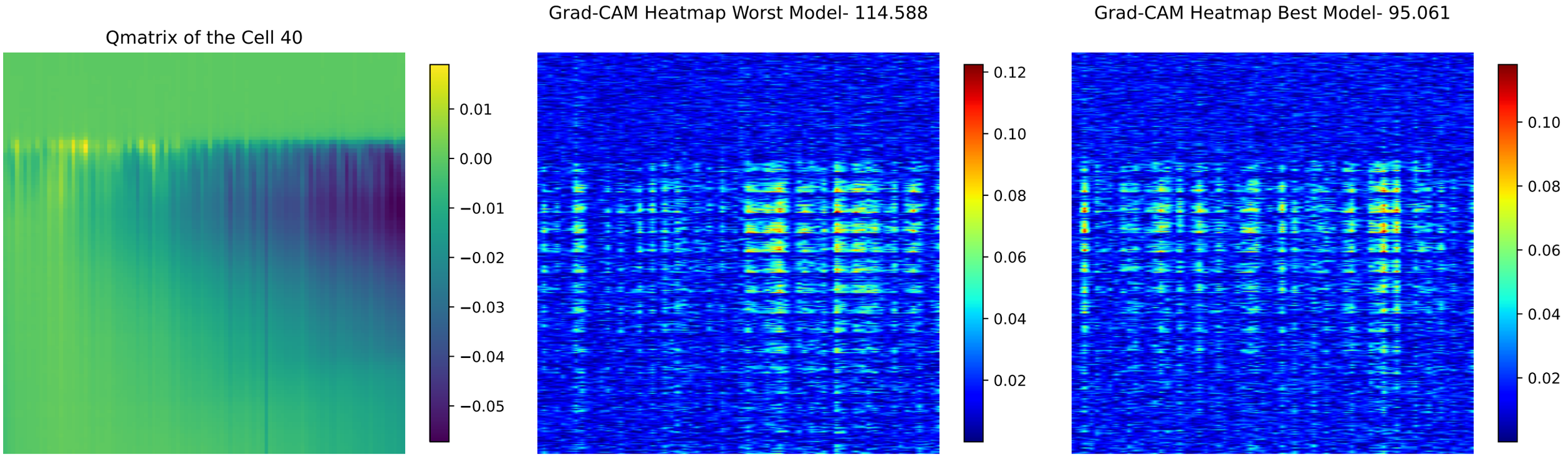

Qmatrix of the Cell 35
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 48.236
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 7.948
0.05
0.04
0.03
0.02
0.01

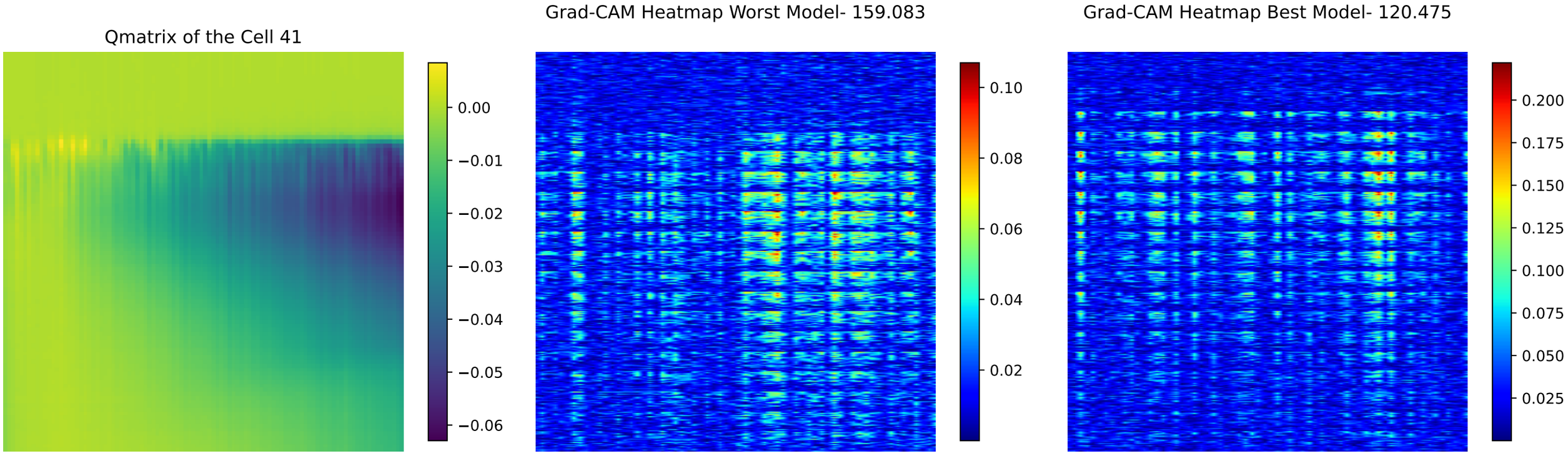

Qmatrix of the Cell 36
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 108.762
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100
Grad-CAM Heatmap Best Model- 79.354
0.30
0.25
0.20
0.15
0.10
0.05

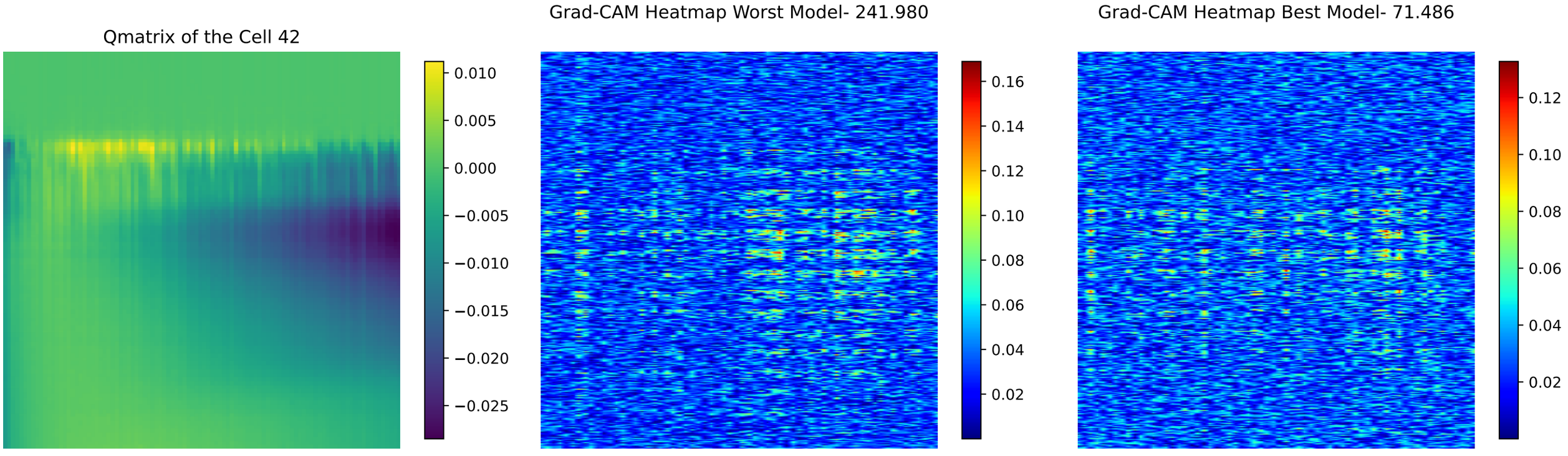

Qmatrix of the Cell 37
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 174.857
0.06
0.05
0.04
0.03
0.02
0.01
Grad-CAM Heatmap Best Model- 128.354
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025


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- 0.544
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 33.215
0.12
0.10
0.08
0.06
0.04
0.02


Qmatrix of the Cell 39
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 32.256
0.035
0.030
0.025
0.020
0.015
0.010
0.005
Grad-CAM Heatmap Best Model- 13.526
0.20
0.15
0.10
0.05


Qmatrix of the Cell 40
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 114.588
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 95.061
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- 159.083
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 120.475
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025


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- 241.980
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
Grad-CAM Heatmap Best Model- 71.486
0.12
0.10
0.08
0.06
0.04
0.02