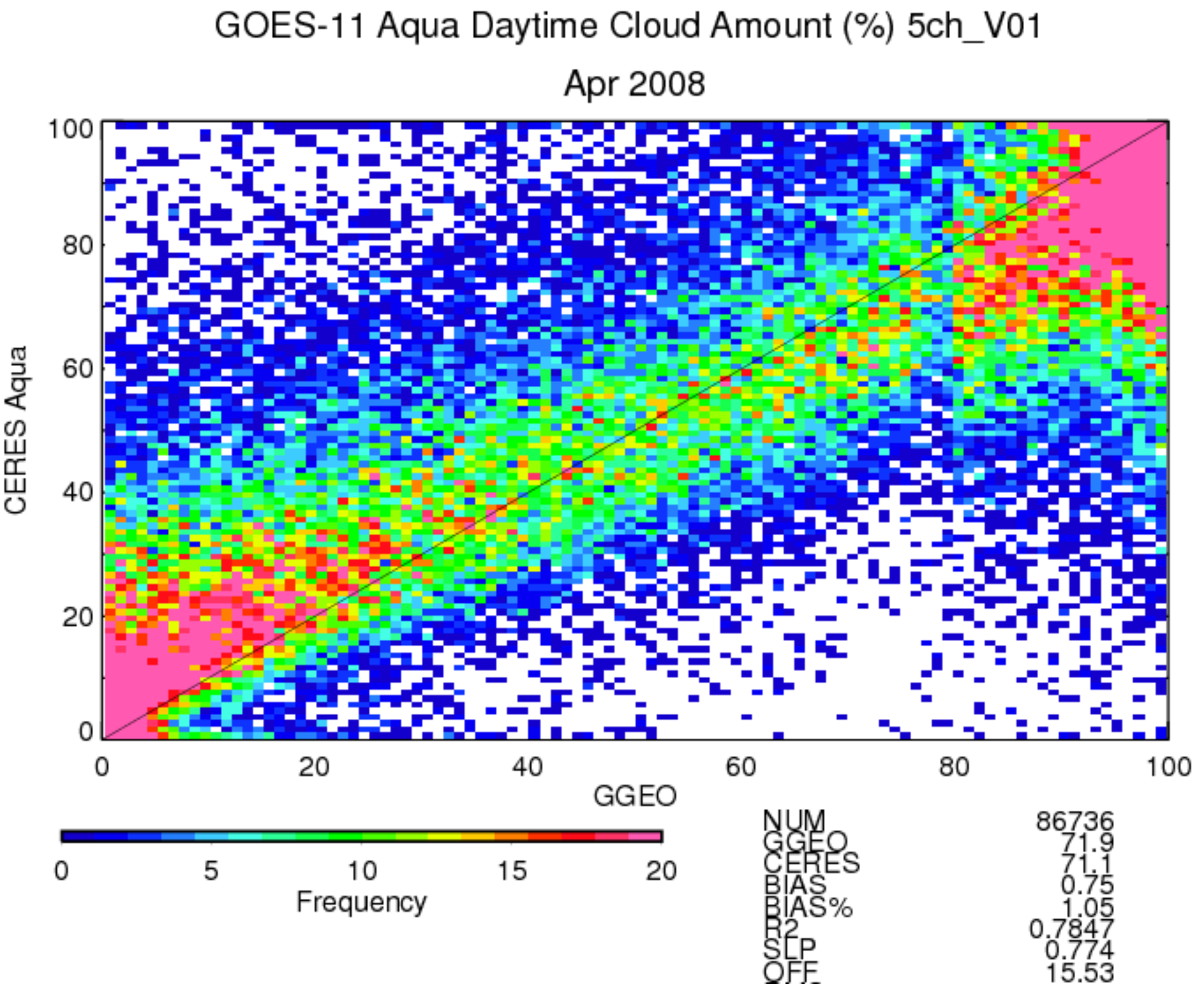
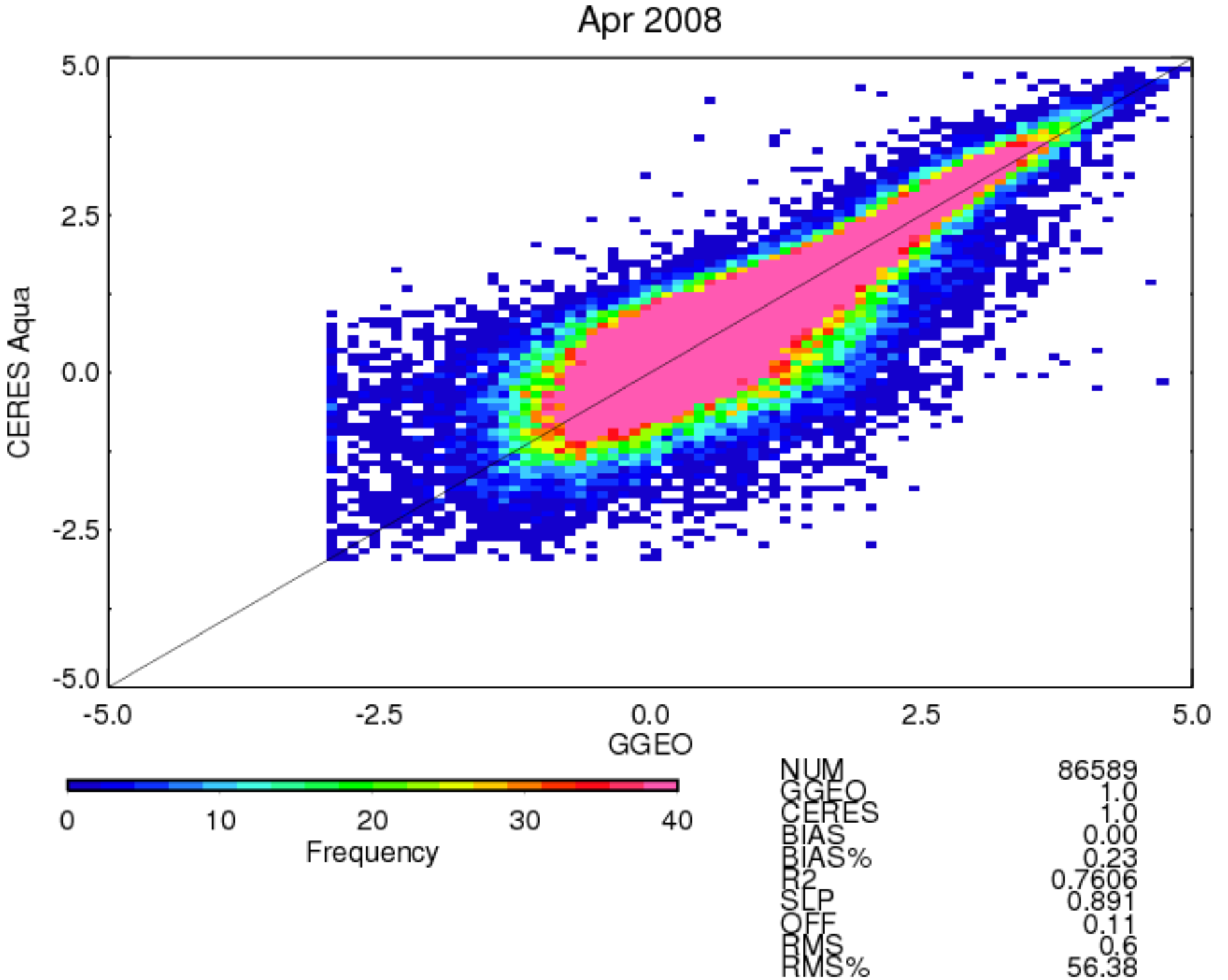
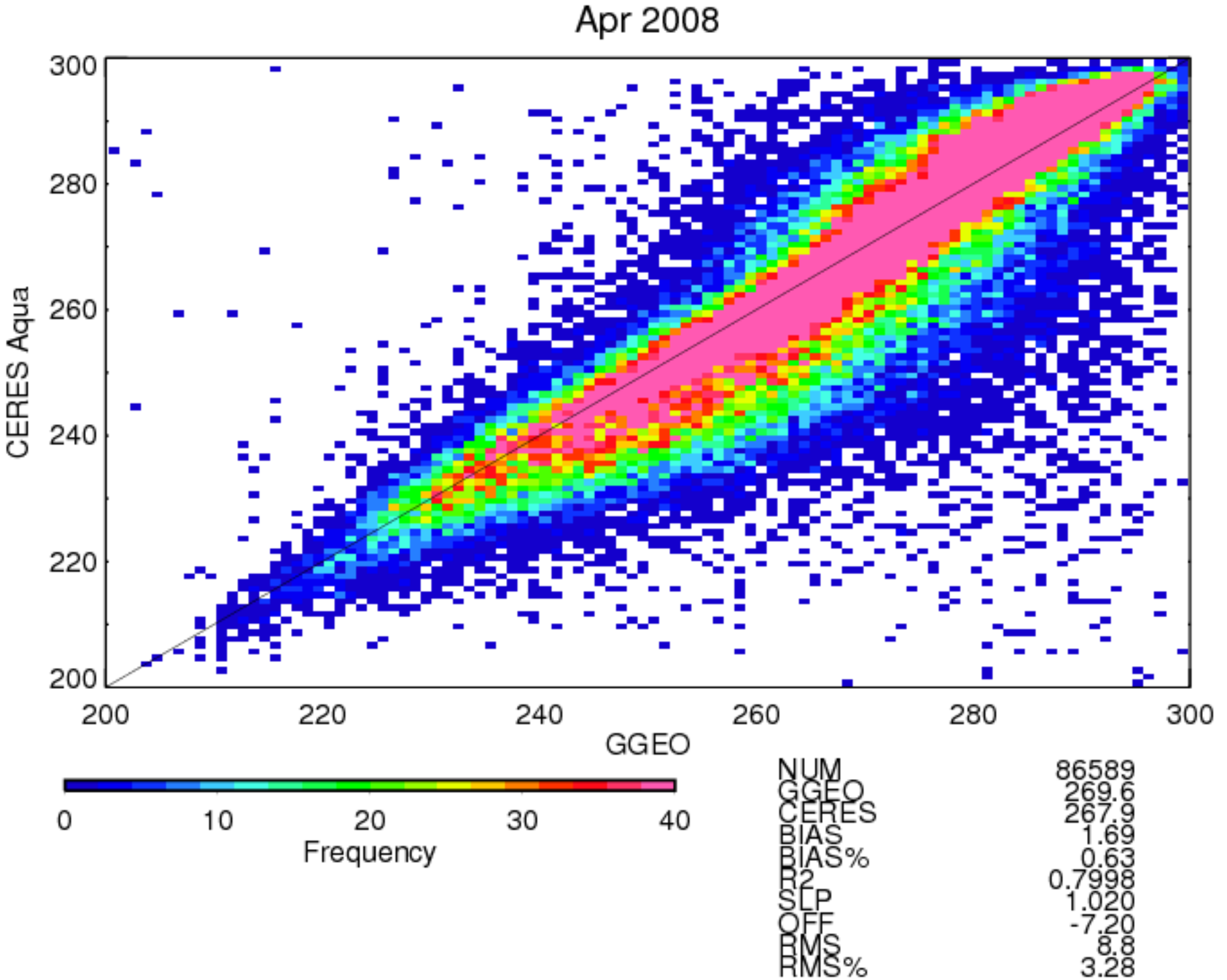
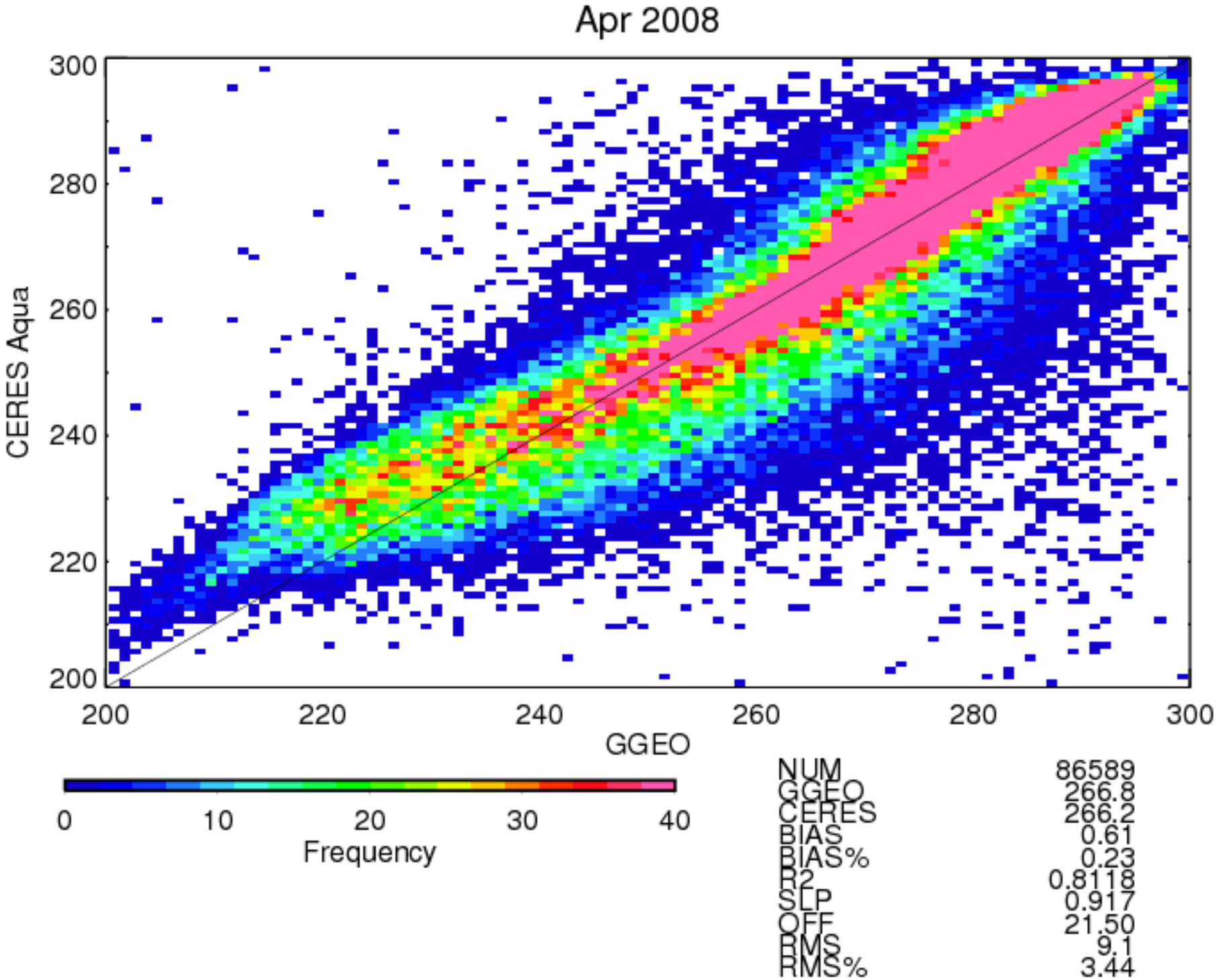
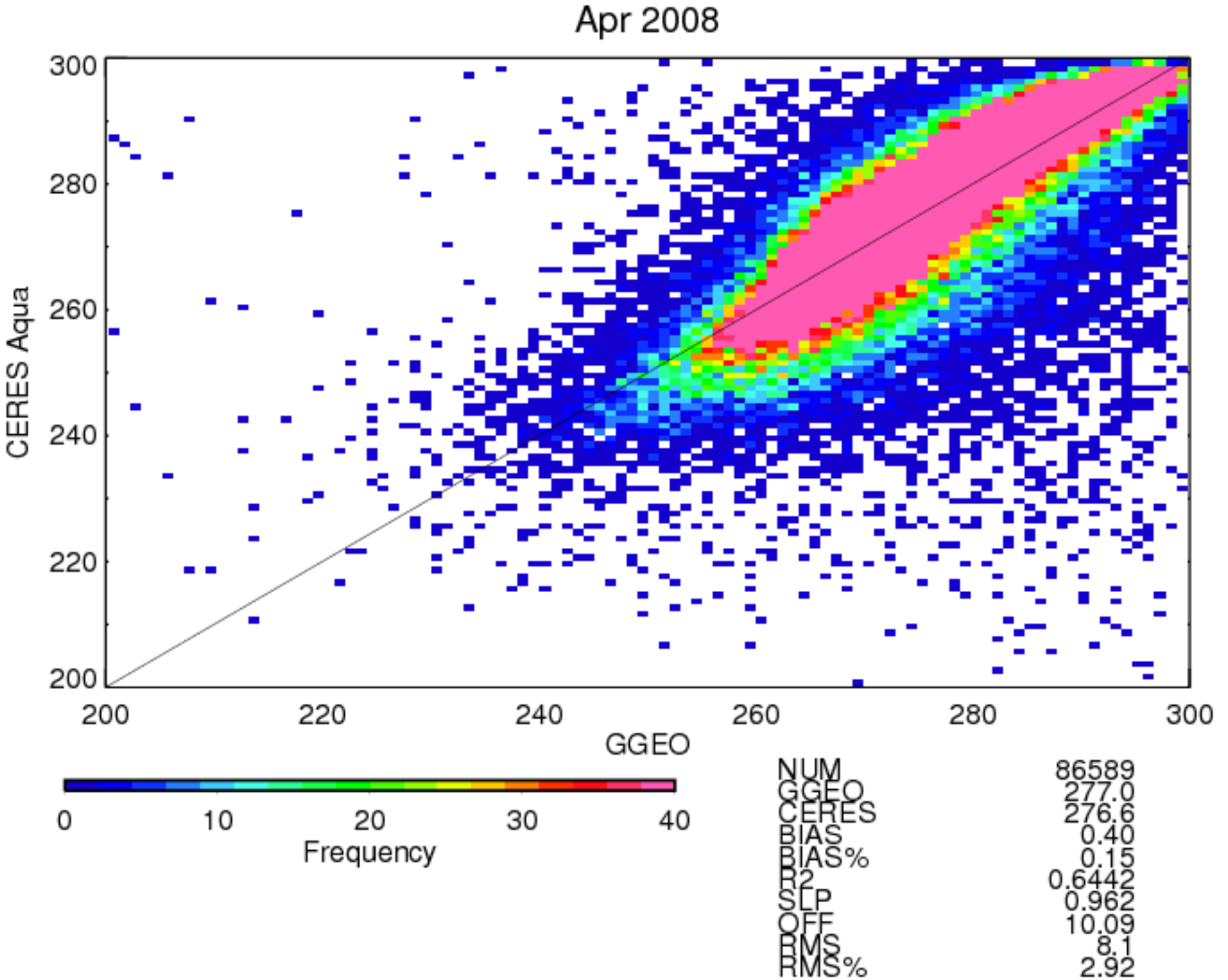
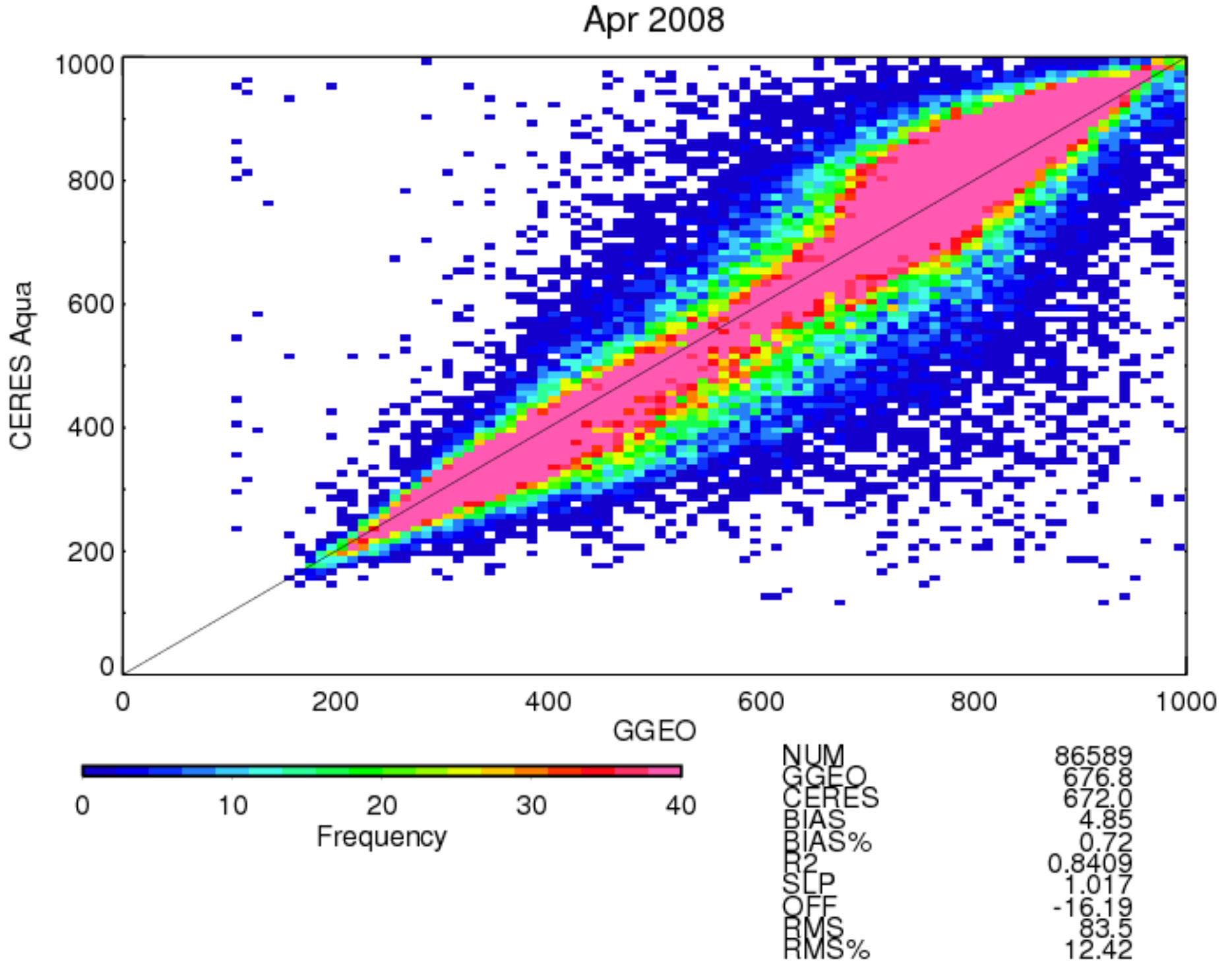

GOES-11 Aqua Daytime Cloud Amount (%) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
20
40
60
80
100
Frequency
0
5
10
15
20
NUM 86736
GGEO 71.9
CERES 71.1
BIAS 0.75
BIAS% 1.05
R2 0.7847
SLP 0.774
OFF 15.53

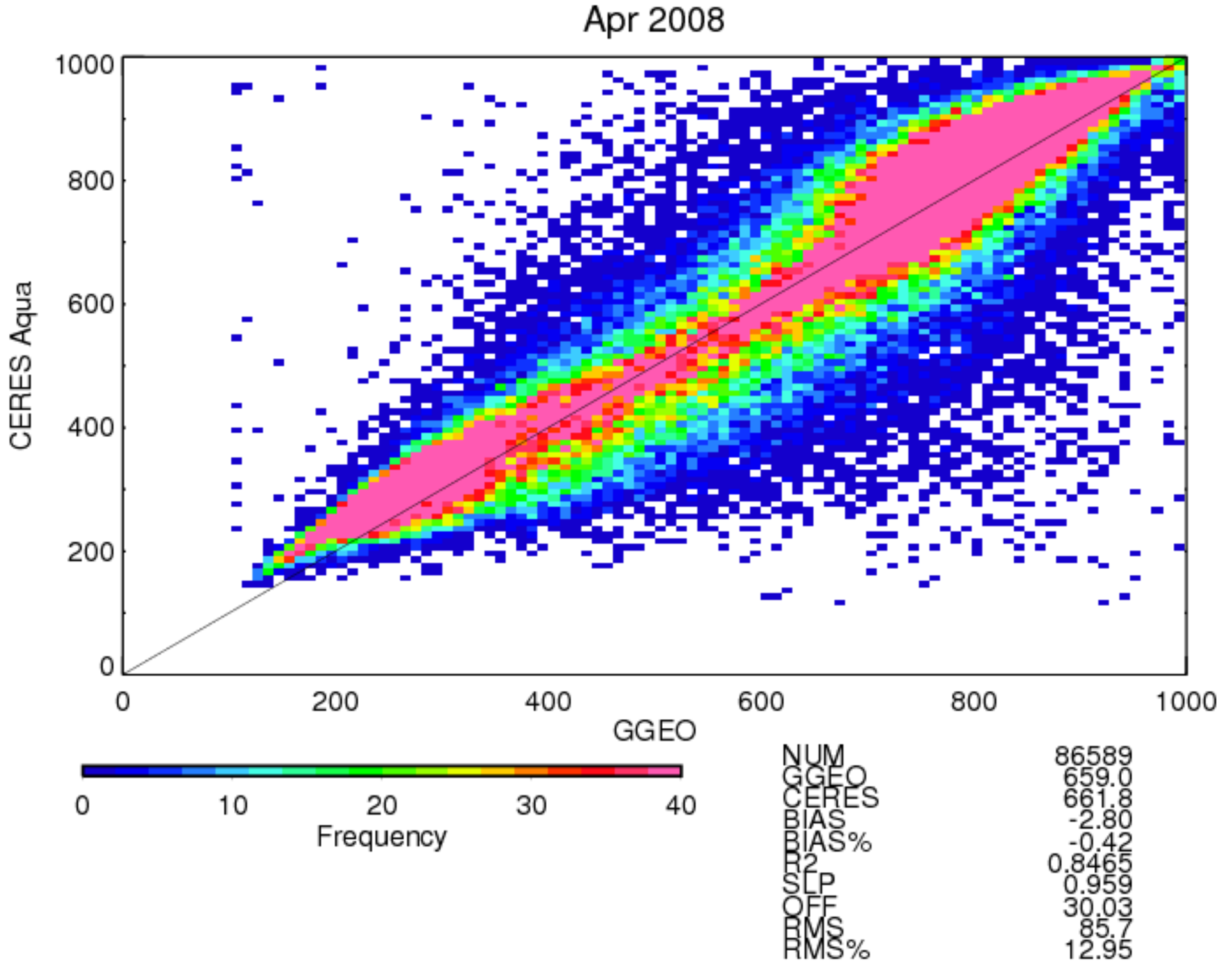

Apr 2008
CERES Aqua
GGEO
5.0
2.5
0.0
-2.5
-5.0
-5.0
-2.5
0.0
2.5
5.0
0
10
20
30
40
Frequency
NUM 86589
GGEO 1.0
CERES 1.0
BIAS 0.00
BIAS% 0.23
R2 0.7606
SLP 0.891
OFF 0.11
RMS 0.6
RMS% 56.38

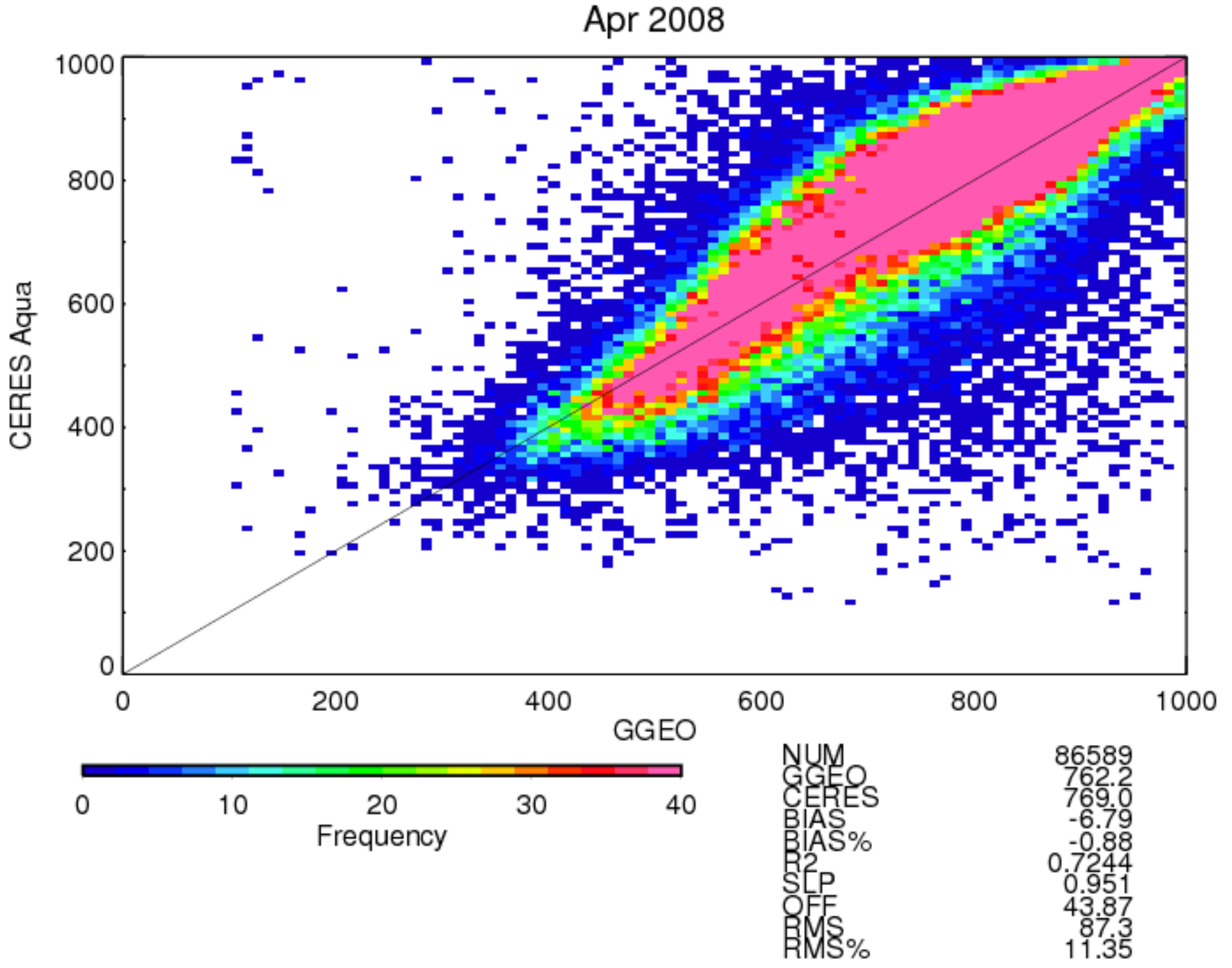

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
NUM 86589
GGEO 269.6
CERES 267.9
BIAS 1.69
BIAS% 0.63
R2 0.7998
SLP 1.020
OFF -7.20
RMS 8.8
RMS% 3.28

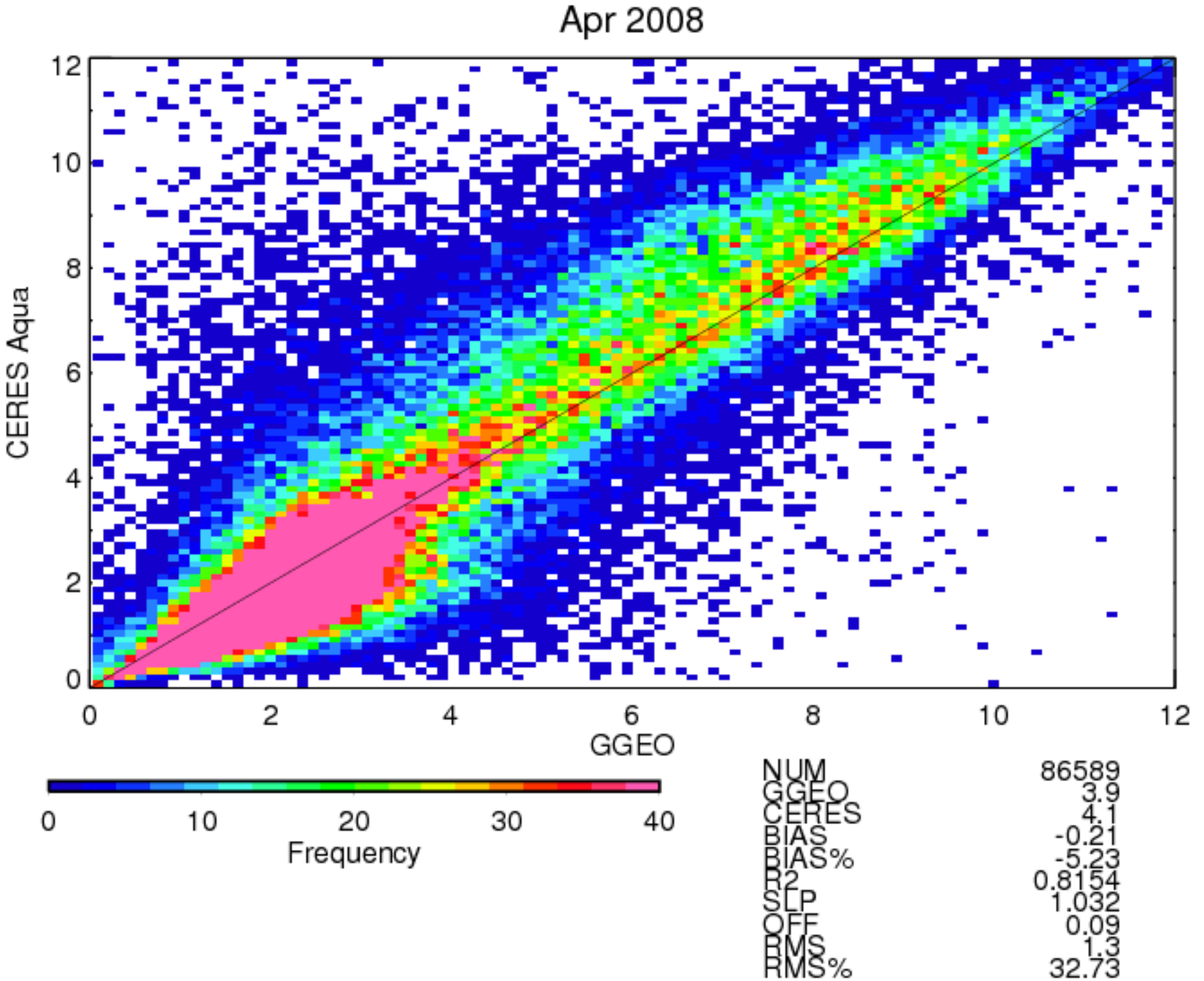

Apr 2008
CERES Aqua
GGEO
Frequency
NUM 86589
GGEO 266.8
CERES 266.2
BIAS 0.61
BIAS% 0.23
R2 0.8118
SLP 0.917
OFF 21.50
RMS 9.1
RMS% 3.44

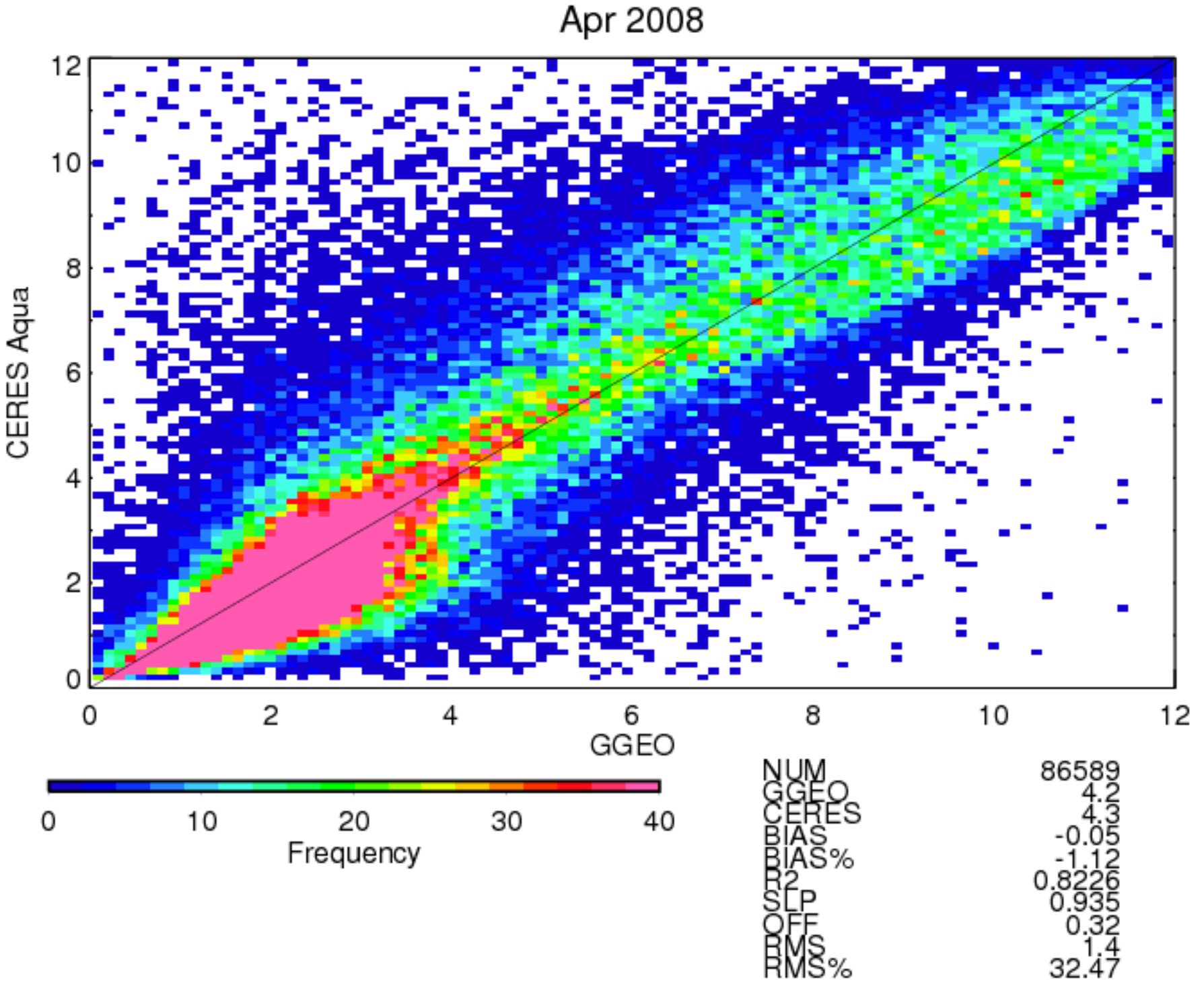

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
NUM 86589
GGEO 277.0
CERES 276.6
BIAS 0.40
BIAS% 0.15
R2 0.6442
SLP 0.962
OFF 10.09
RMS 8.1
RMS% 2.92

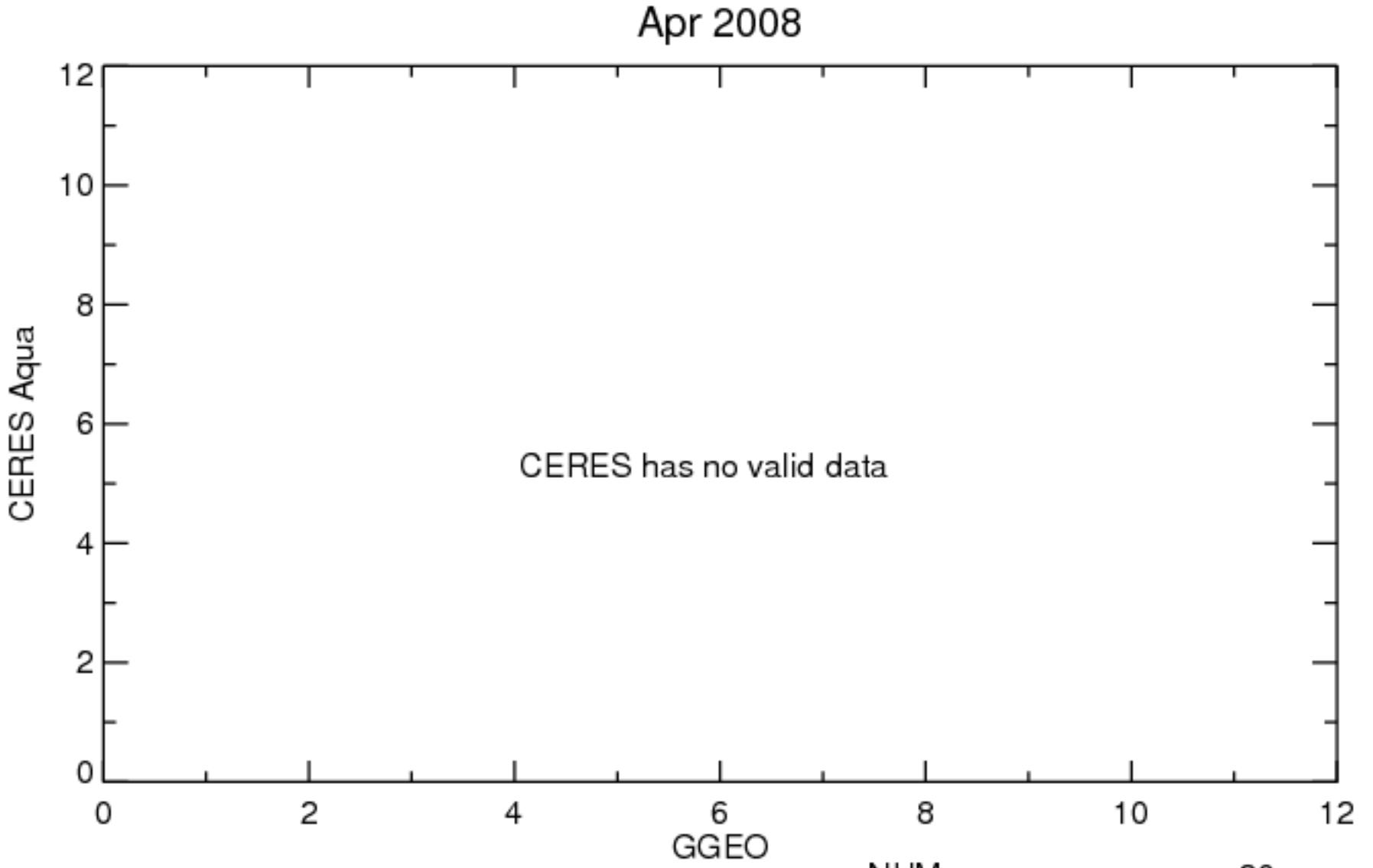

Apr 2008
CERES Aqua
GGEO
Frequency
0
200
400
600
800
1000
0
10
20
30
40
NUM 86589
GGEO 676.8
CERES 672.0
BIAS 4.85
BIAS% 0.72
R2 0.8409
SLP 1.017
OFF -16.19
RMS 83.5
RMS% 12.42


Apr 2008
CERES Aqua
GGEO
Frequency
0
200
400
600
800
1000
0
10
20
30
40
NUM 86589
GGEO 659.0
CERES 661.8
BIAS -2.80
BIAS% -0.42
R2 0.8465
SLP 0.959
OFF 30.03
RMS 85.7
RMS% 12.95

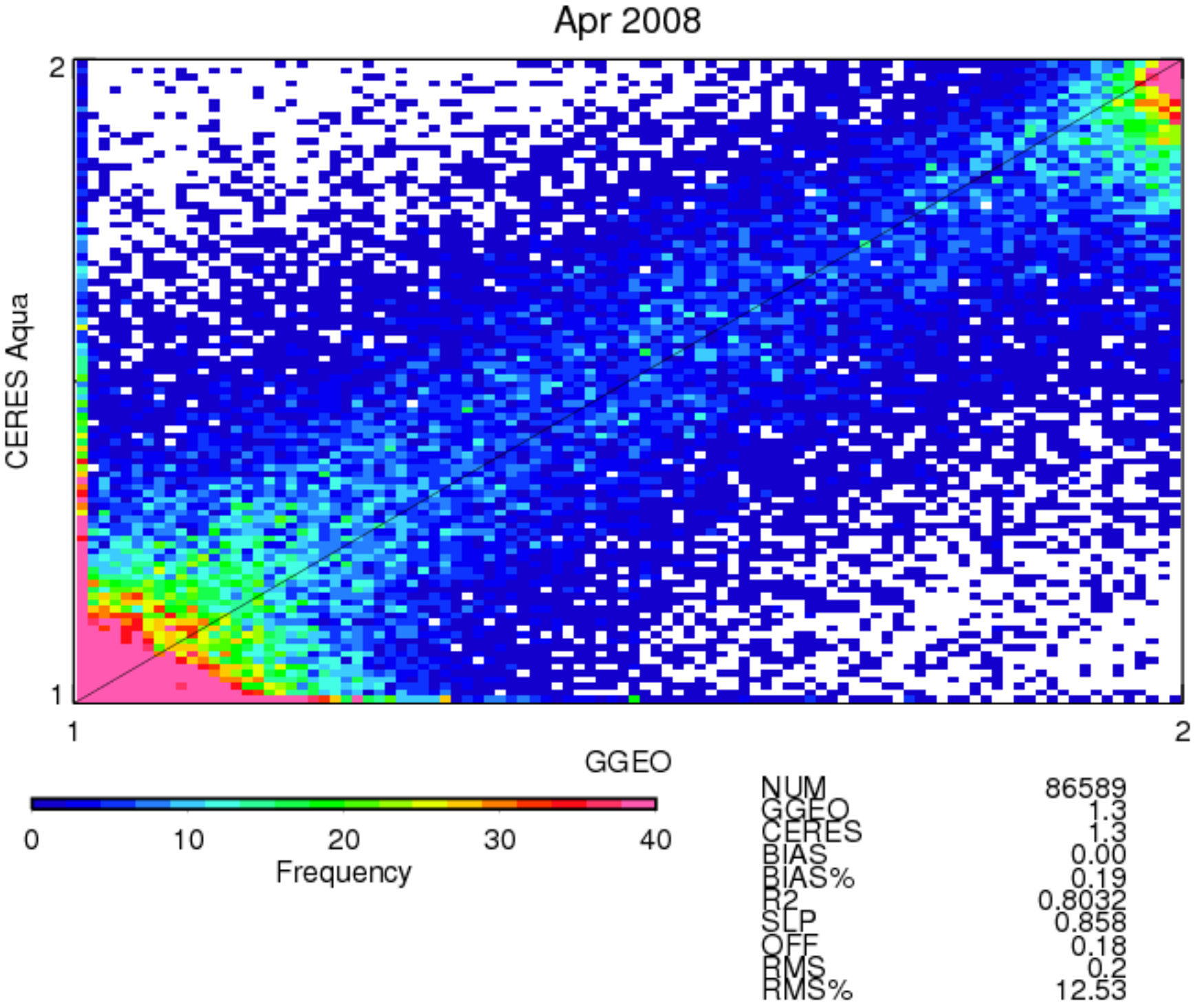

Apr 2008
CERES Aqua
GGEO
Frequency
0
200
400
600
800
1000
0
10
20
30
40
NUM 86589
GGEO 762.2
CERES 769.0
BIAS -6.79
BIAS% -0.88
R2 0.7244
SLP 0.951
OFF 43.87
RMS 87.3
RMS% 11.35

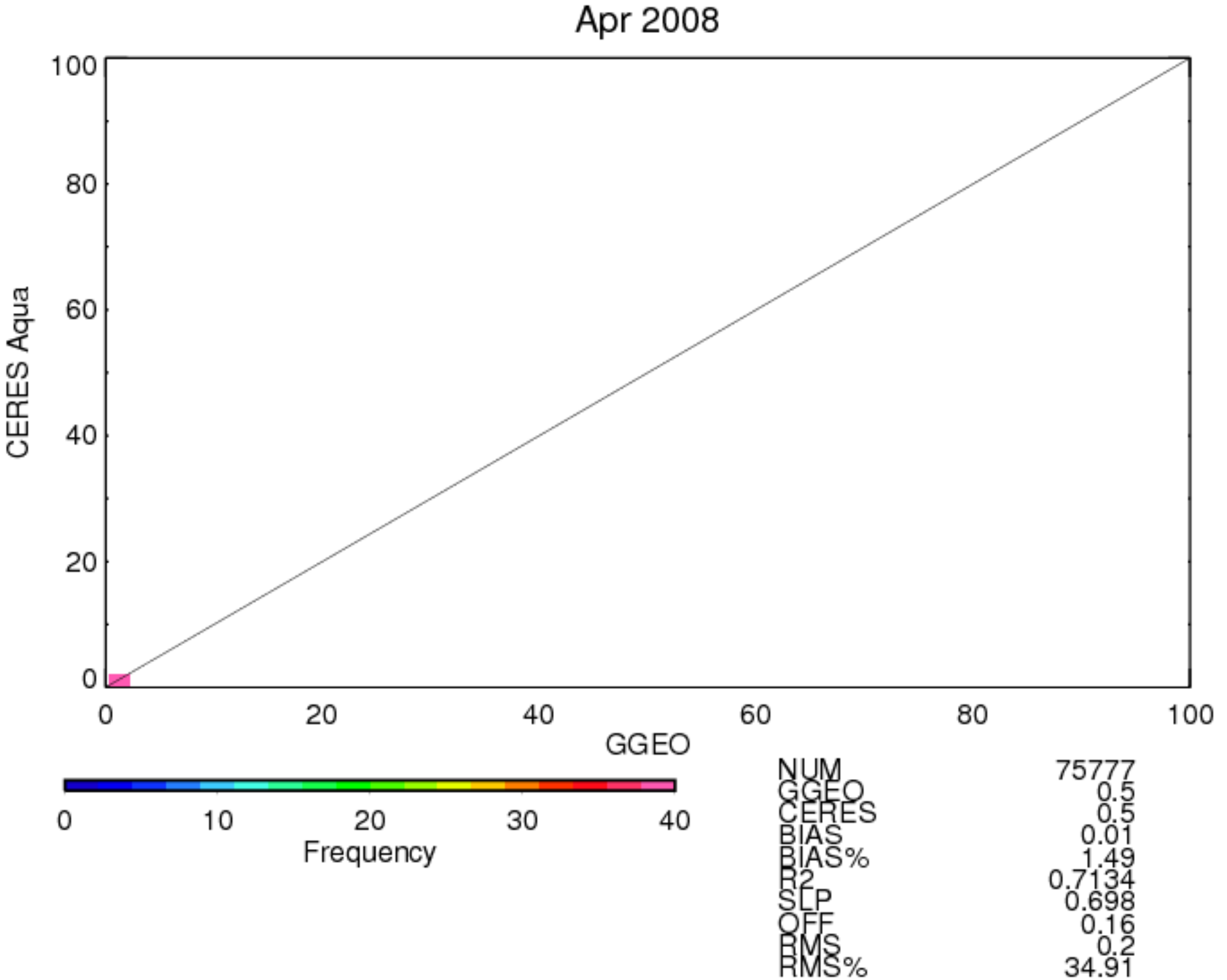

Apr 2008
CERES Aqua
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 86589
GGEO 3.9
CERES 4.1
BIAS -0.21
BIAS% -5.23
R2 0.8154
SLP 1.032
OFF 0.09
RMS 1.3
RMS% 32.73

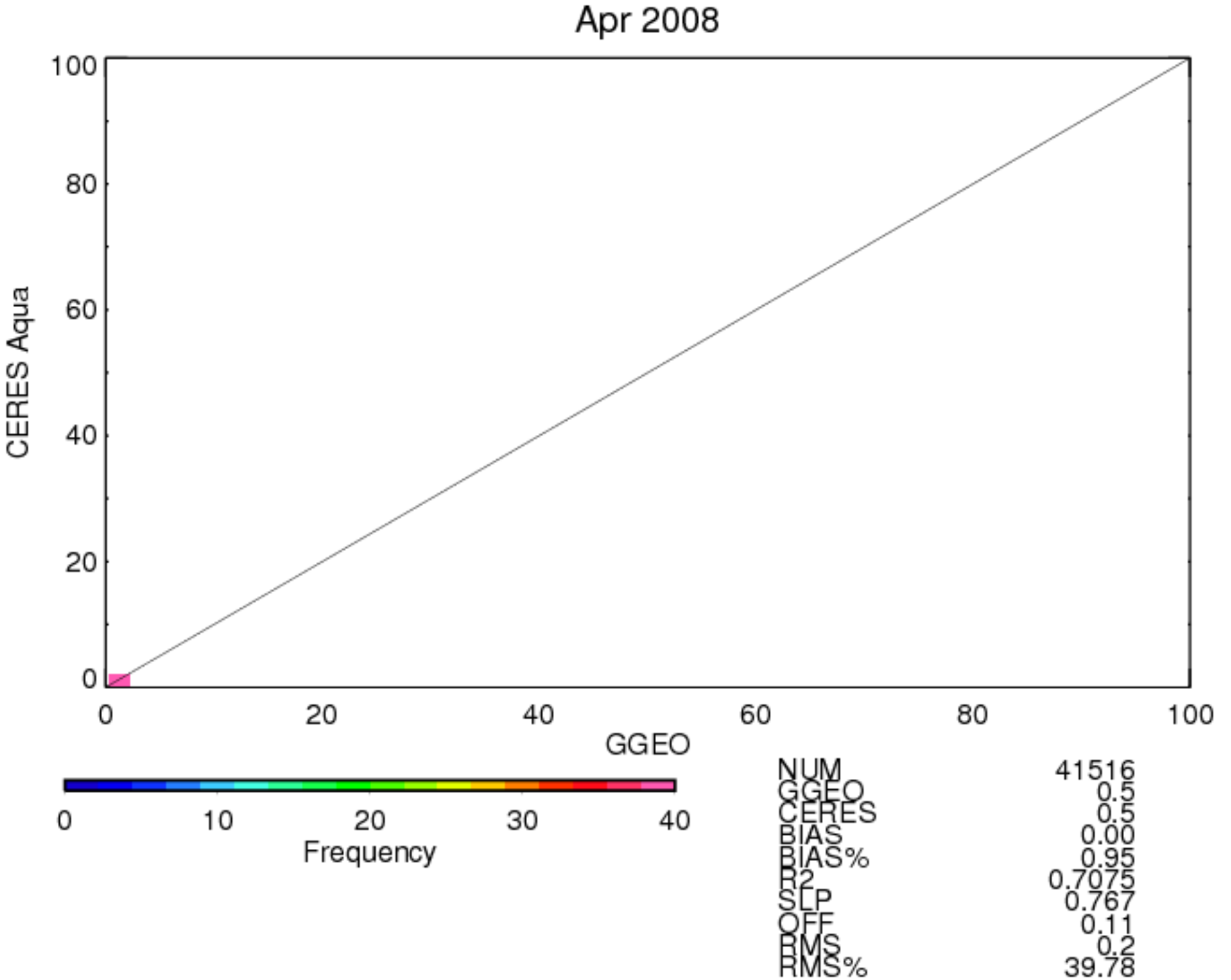

Apr 2008
CERES Aqua
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 86589
GGEO 4.2
CERES 4.3
BIAS -0.05
BIAS% -1.12
R2 0.8226
SLP 0.935
OFF 0.32
RMS 1.4
RMS% 32.47

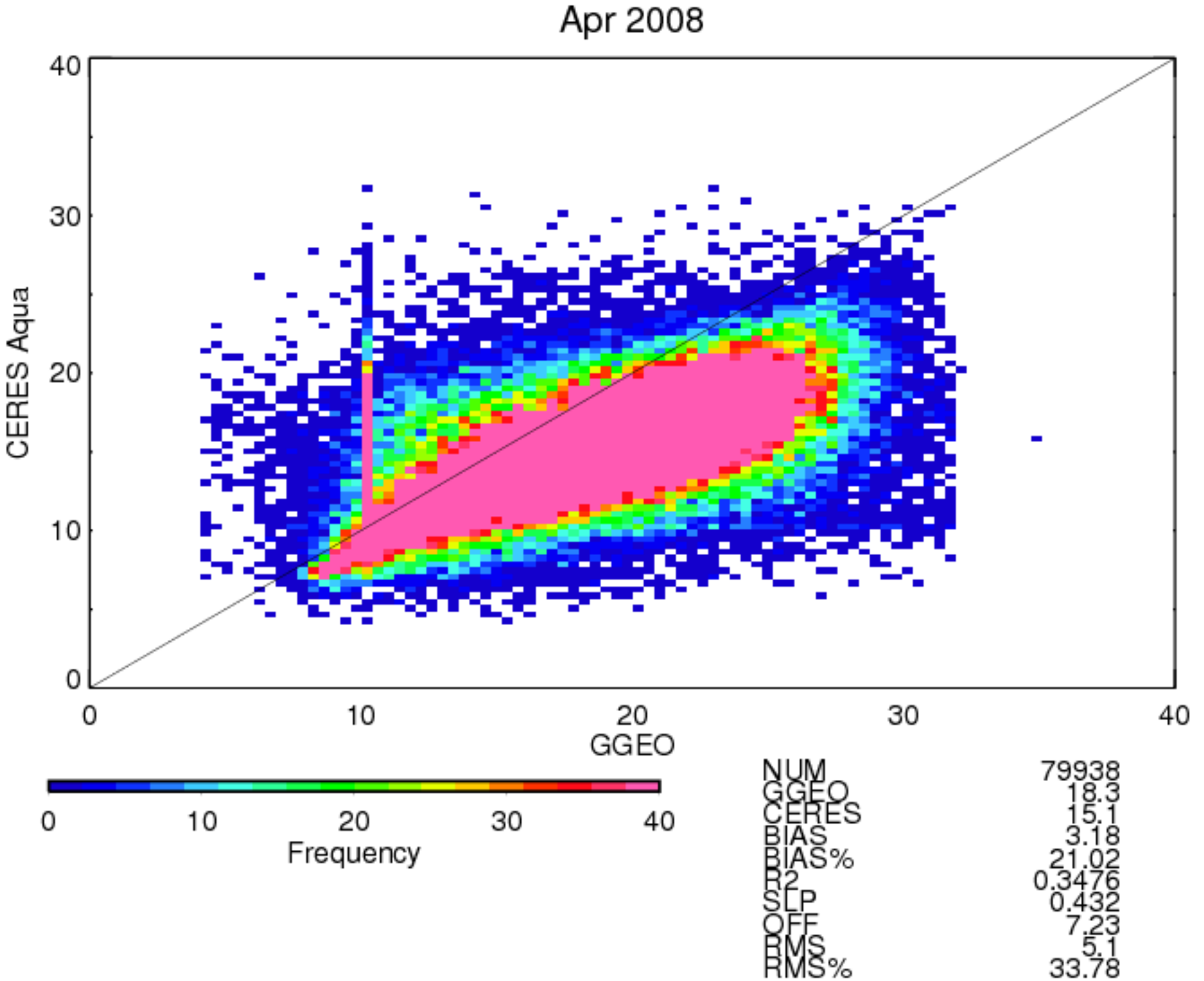


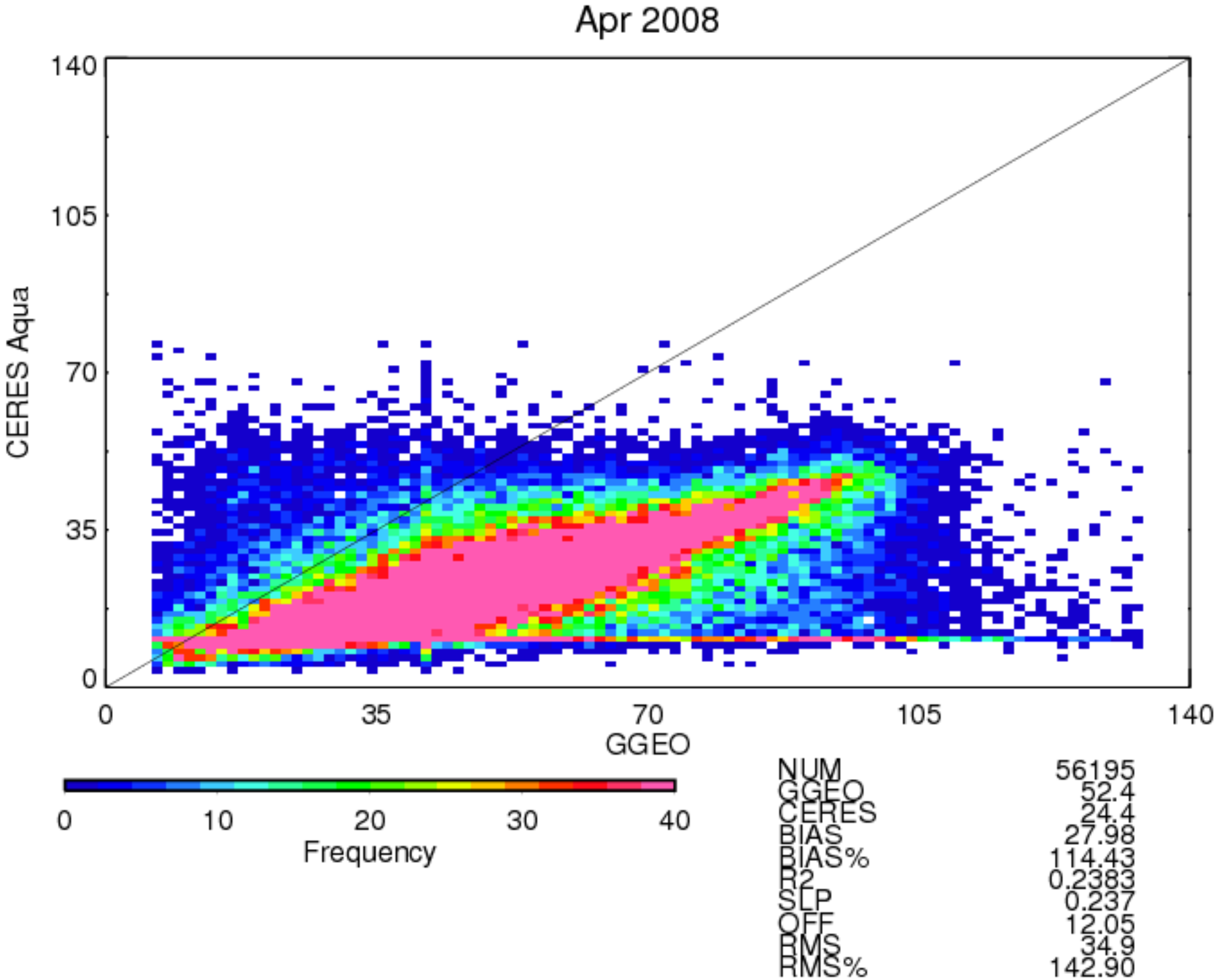
NUM	20
GGEO	0.0
CERES	0.0
BIAS	0.00
BIAS%	-NaN
R2	NaN
SLP	-NaN
OFF	-NaN
RMS	0.0
RMS%	-NaN

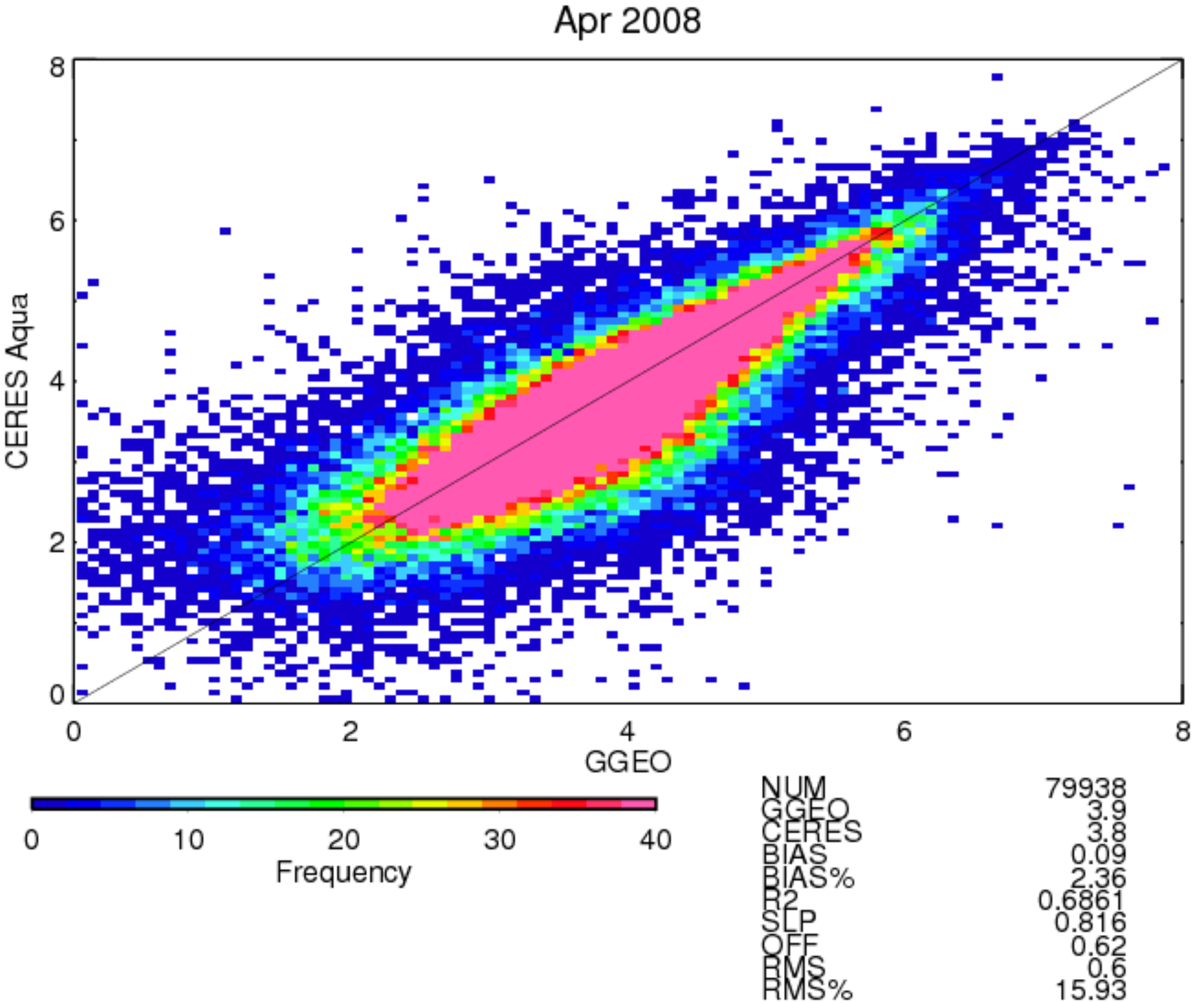

Apr 2008
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 86589
GGEO 1.3
CERES 1.3
BIAS 0.00
BIAS% 0.19
R2 0.8032
SLP 0.858
OFF 0.18
RMS 0.2
RMS% 12.53

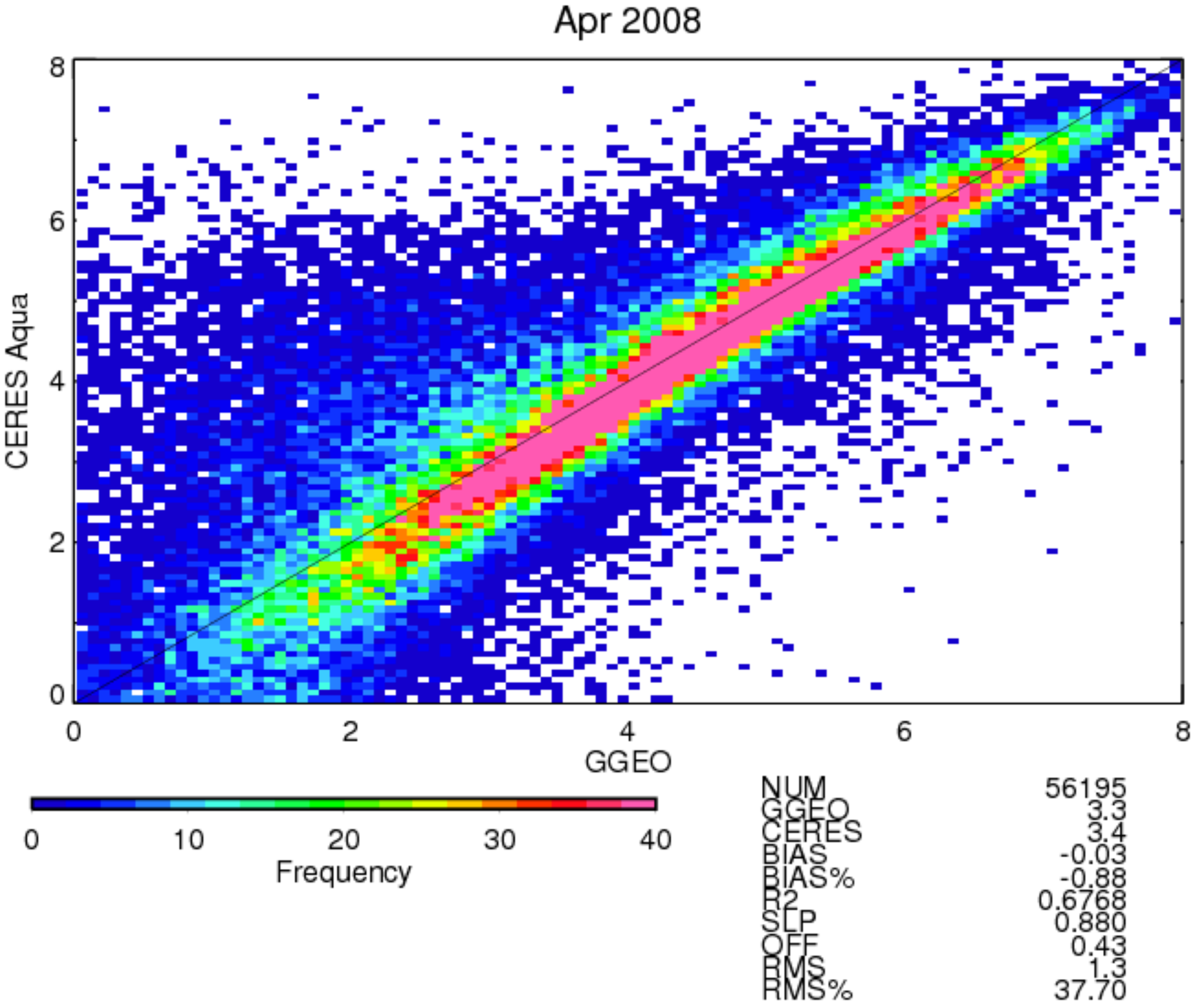

Apr 2008
CERES Aqua
GGEO
0
20
40
60
80
100
0
10
20
30
40
Frequency
NUM 75777
GGEO 0.5
CERES 0.5
BIAS 0.01
BIAS% 1.49
R2 0.7134
SLP 0.698
OFF 0.16
RMS 0.2
RMS% 34.91

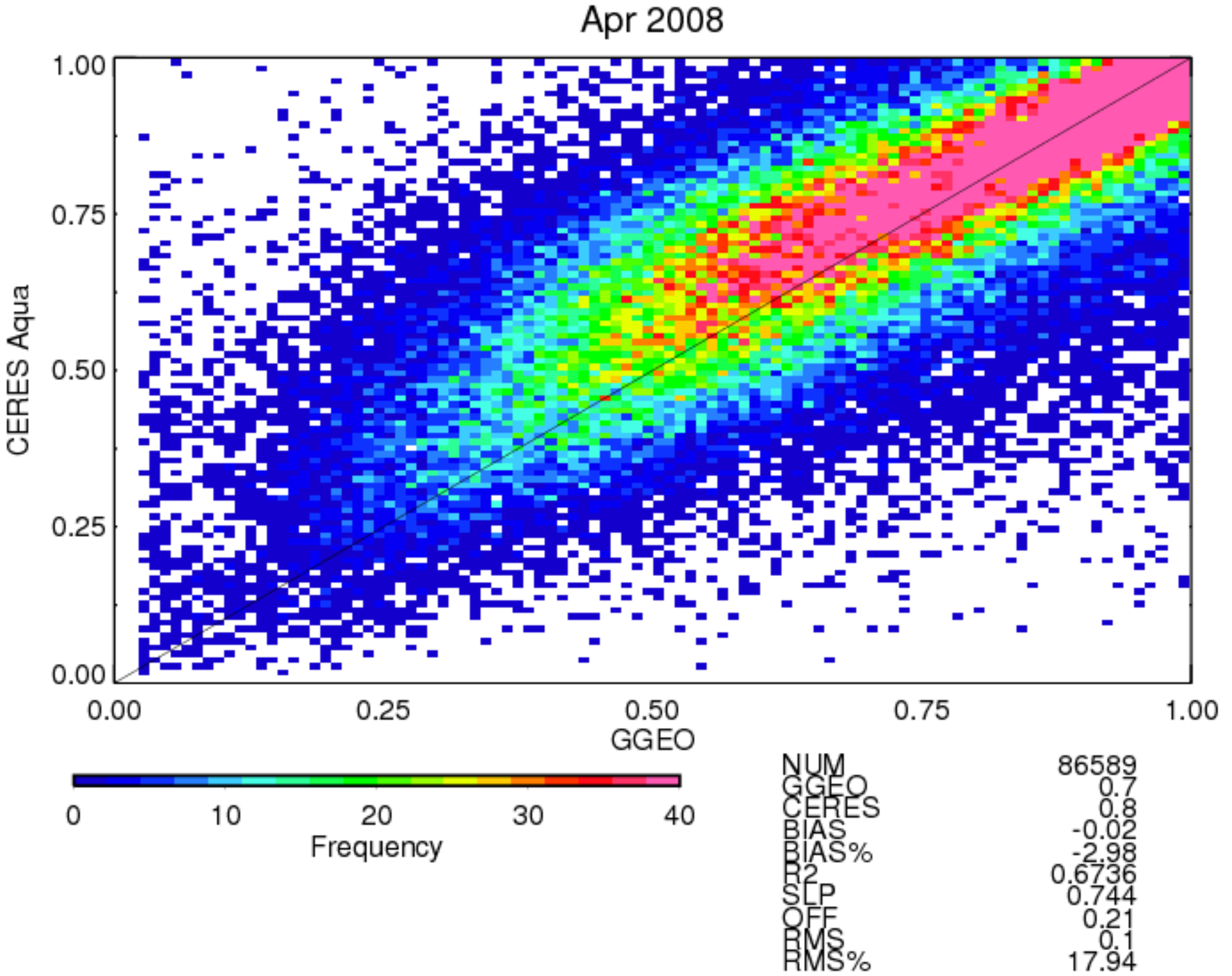

Apr 2008
CERES Aqua
GGEO
0
20
40
60
80
100
0
10
20
30
40
Frequency
NUM 41516
GGEO 0.5
CERES 0.5
BIAS 0.00
BIAS% 0.95
R2 0.7075
SLP 0.767
OFF 0.11
RMS 0.2
RMS% 39.78

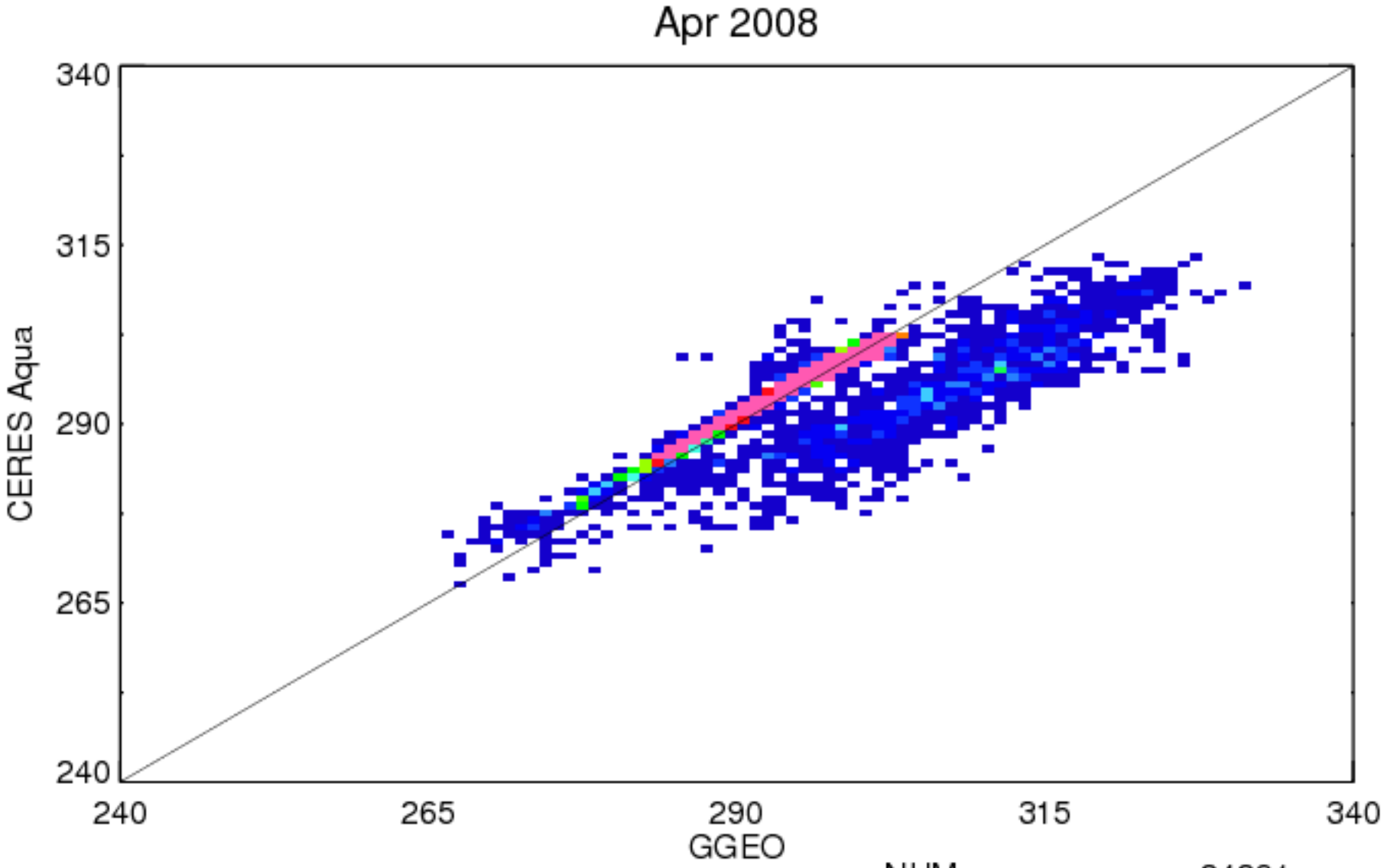

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
NUM 79938
GGEO 18.3
CERES 15.1
BIAS 3.18
BIAS% 21.02
R2 0.3476
SLP 0.432
OFF 7.23
RMS 5.1
RMS% 33.78


Apr 2008
CERES Aqua
GGEO
Frequency
0
35
70
105
140
0
10
20
30
40
NUM 56195
GGEO 52.4
CERES 24.4
BIAS 27.98
BIAS% 114.43
R2 0.2383
SLP 0.237
OFF 12.05
RMS 34.9
RMS% 142.90

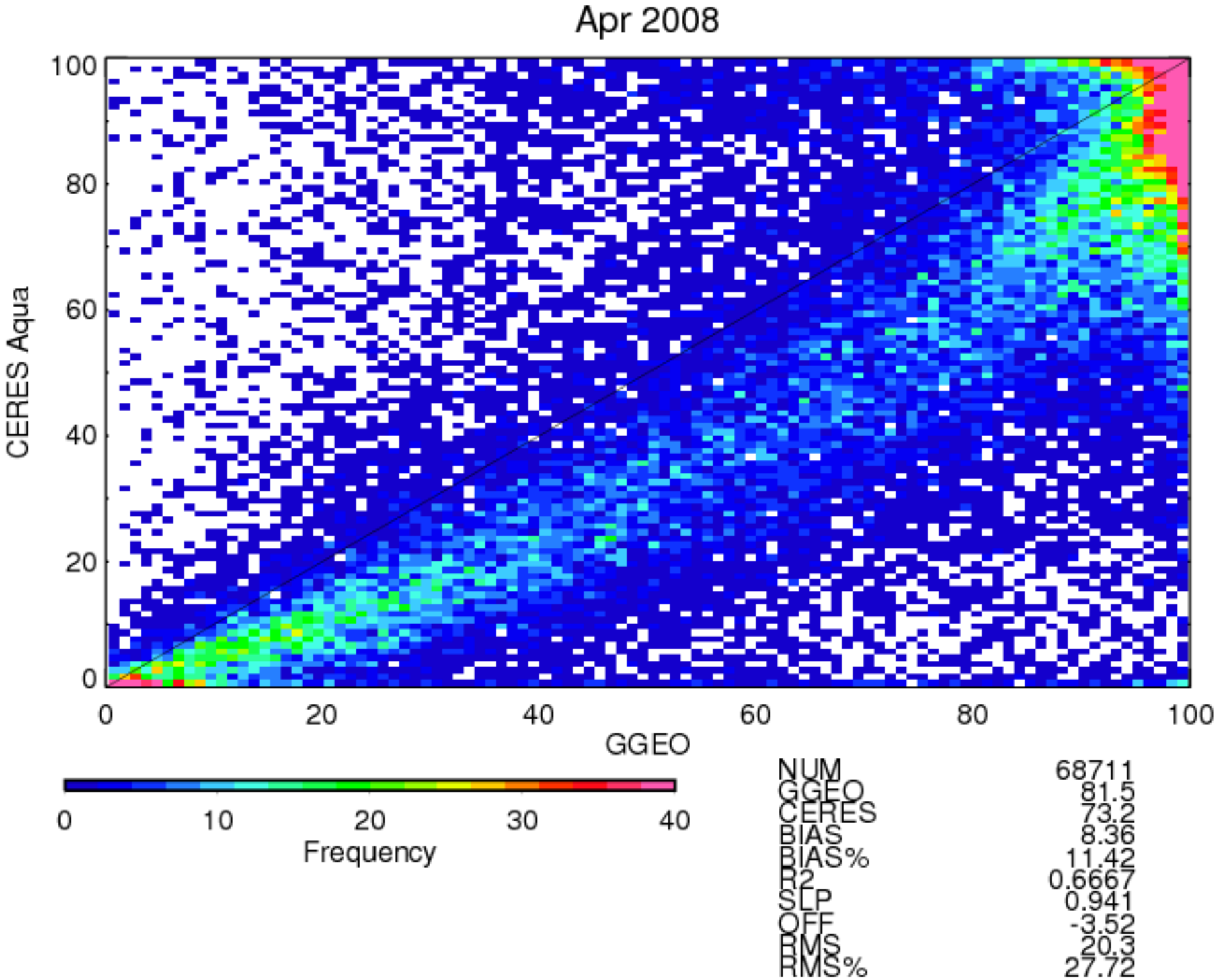

Apr 2008
CERES Aqua
GGEO
Frequency
0
2
4
6
8
0
10
20
30
40
NUM 79938
GGEO 3.9
CERES 3.8
BIAS 0.09
BIAS% 2.36
R2 0.6861
SLP 0.816
OFF 0.62
RMS 0.6
RMS% 15.93

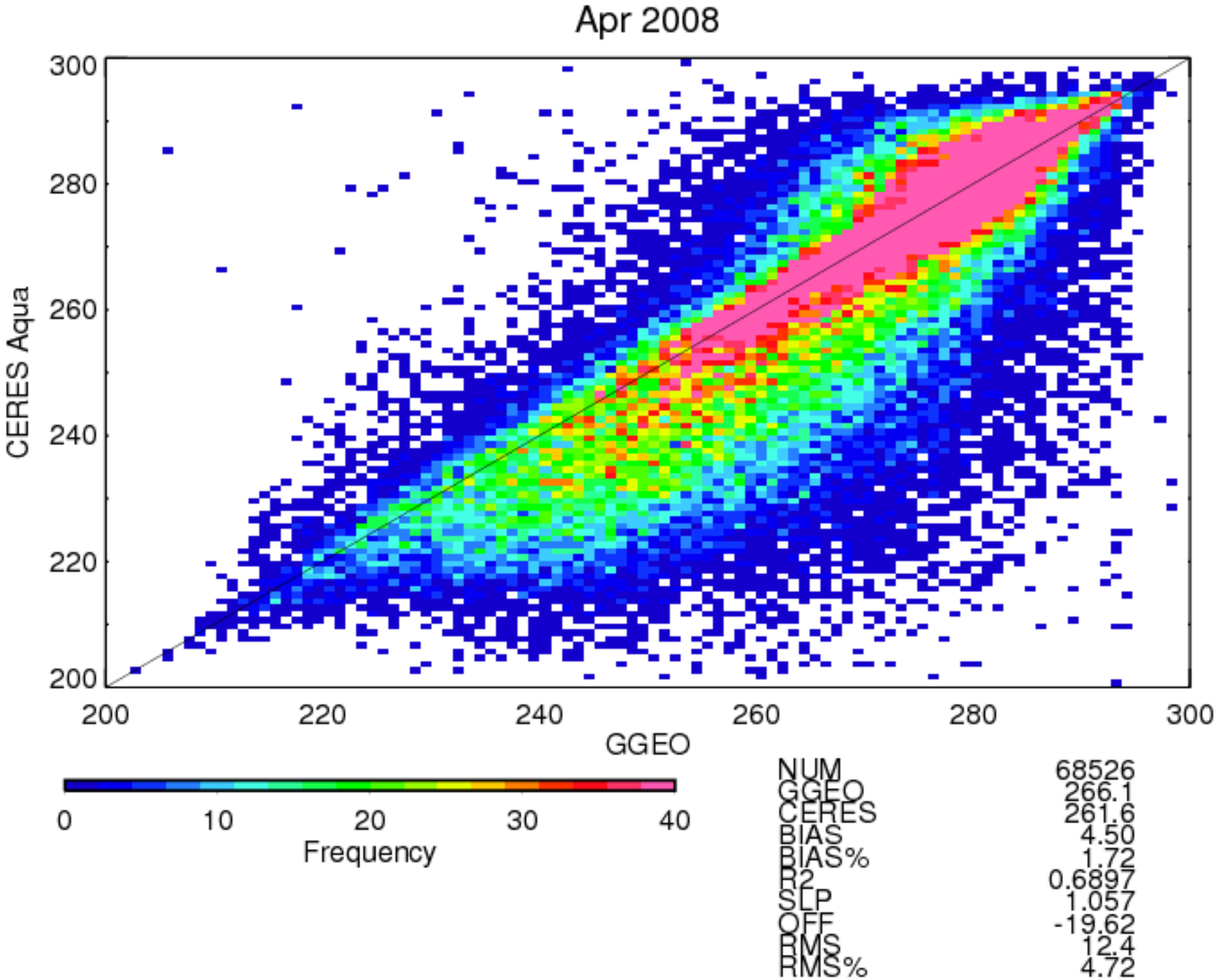

Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 56195
GGEO 3.3
CERES 3.4
BIAS -0.03
BIAS% -0.88
R2 0.6768
SLP 0.880
OFF 0.43
RMS 1.3
RMS% 37.70

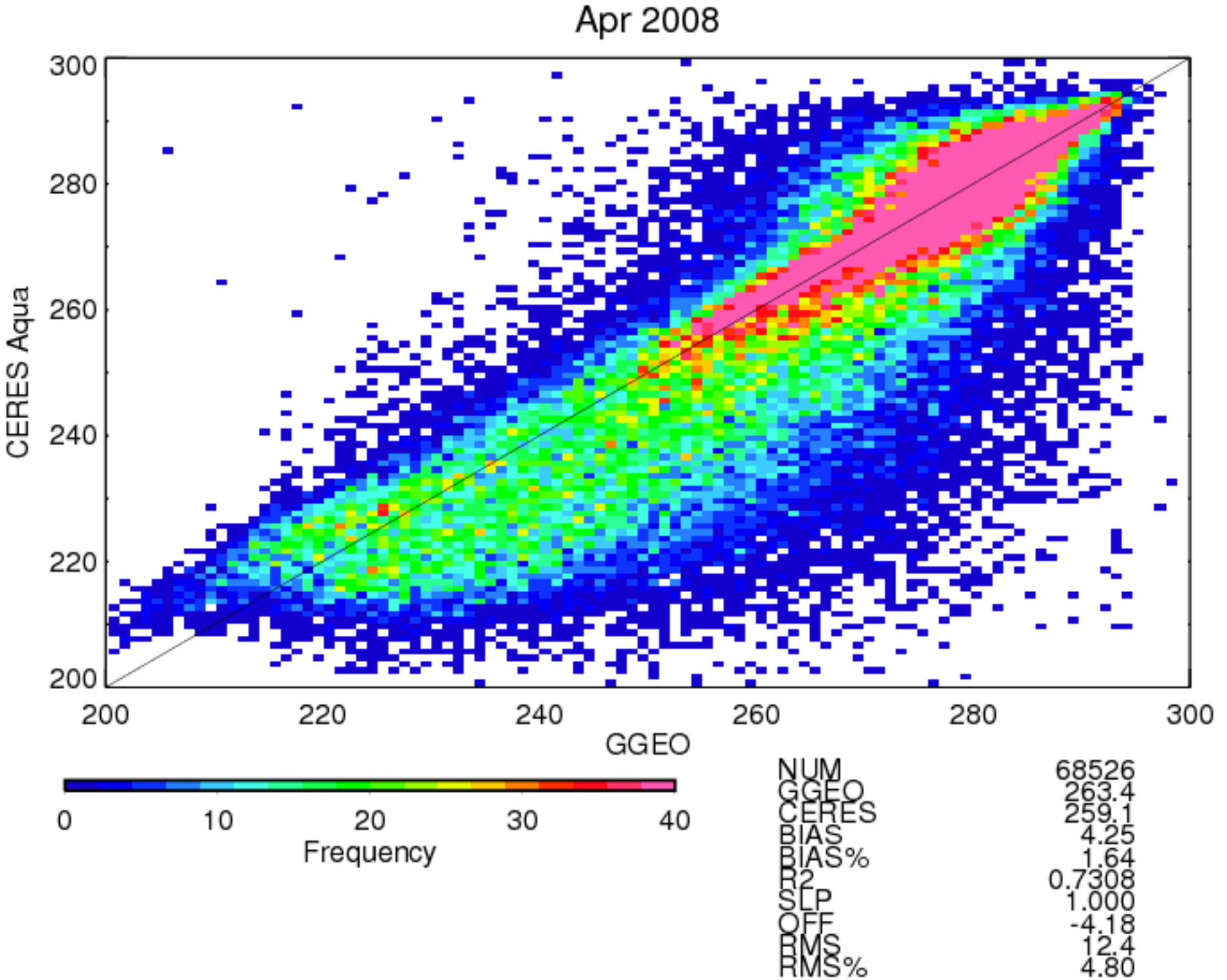

Apr 2008
CERES Aqua
GGEO
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
0
10
20
30
40
Frequency
NUM 86589
GGEO 0.7
CERES 0.8
BIAS -0.02
BIAS% -2.98
R2 0.6736
SLP 0.744
OFF 0.21
RMS 0.1
RMS% 17.94

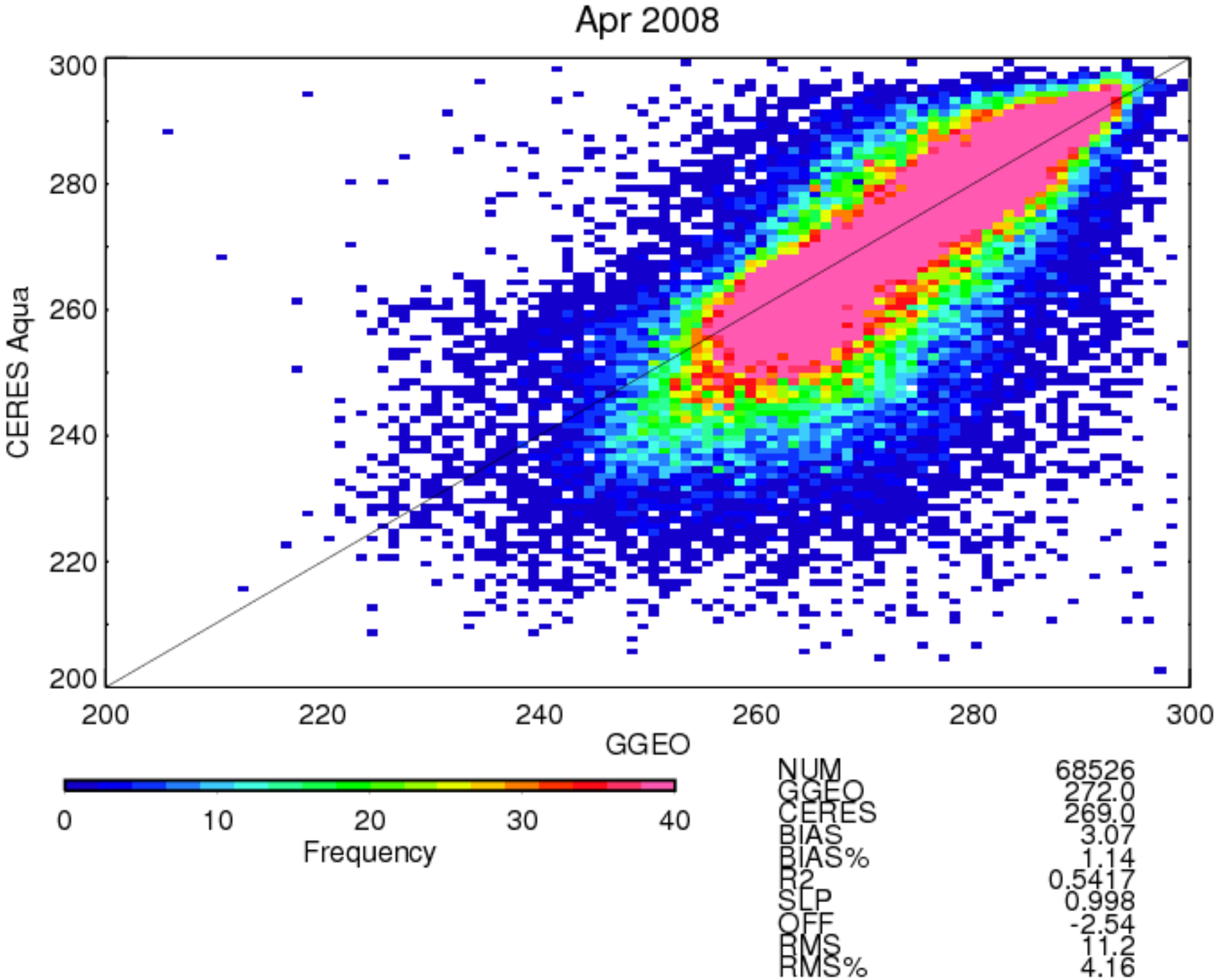


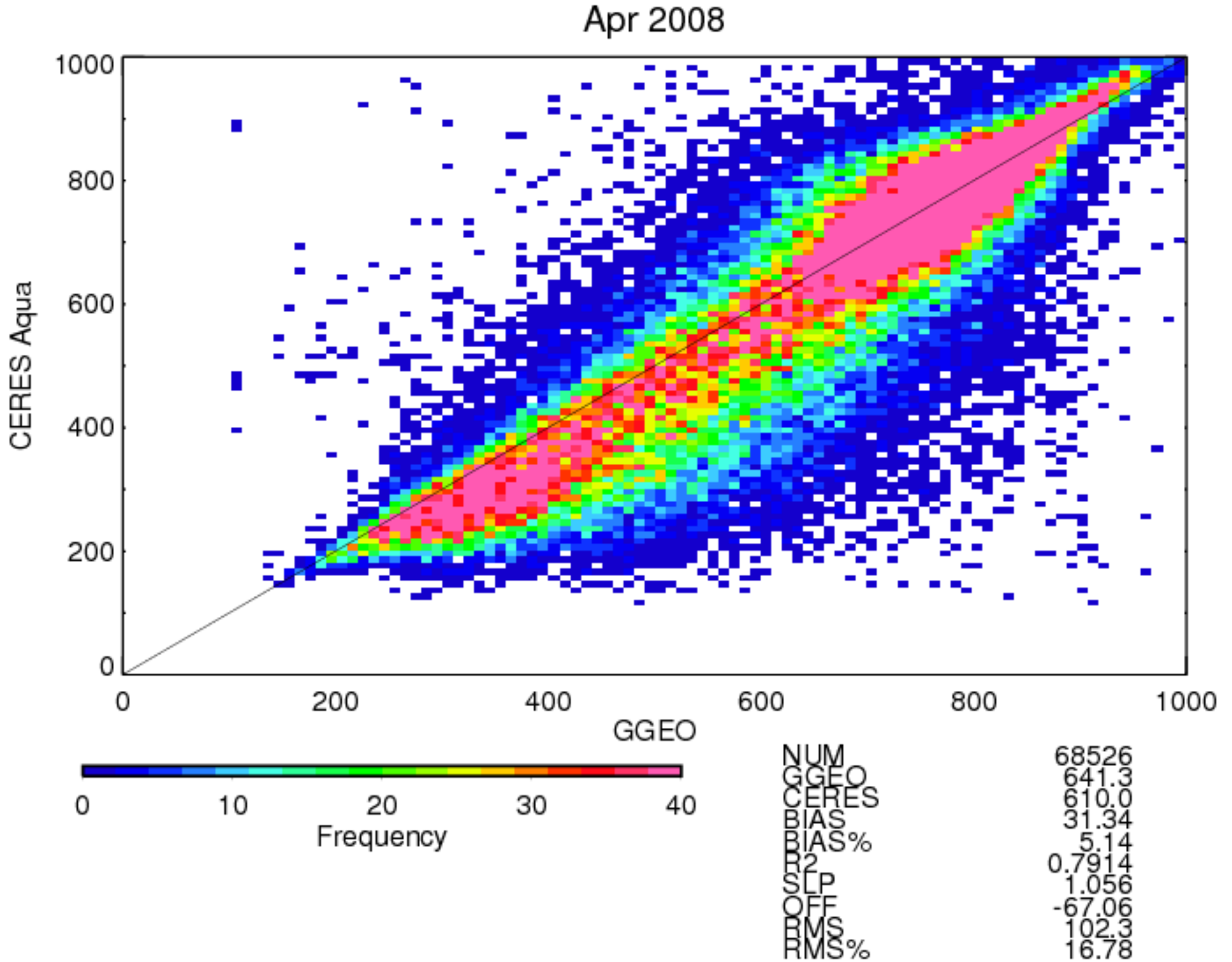
NUM	24291
GGEO	298.7
CERES	298.4
BIAS	0.30
BIAS%	0.10
R2	0.6327
SLP	0.679
OFF	95.61
RMS	3.1
RMS%	1.04

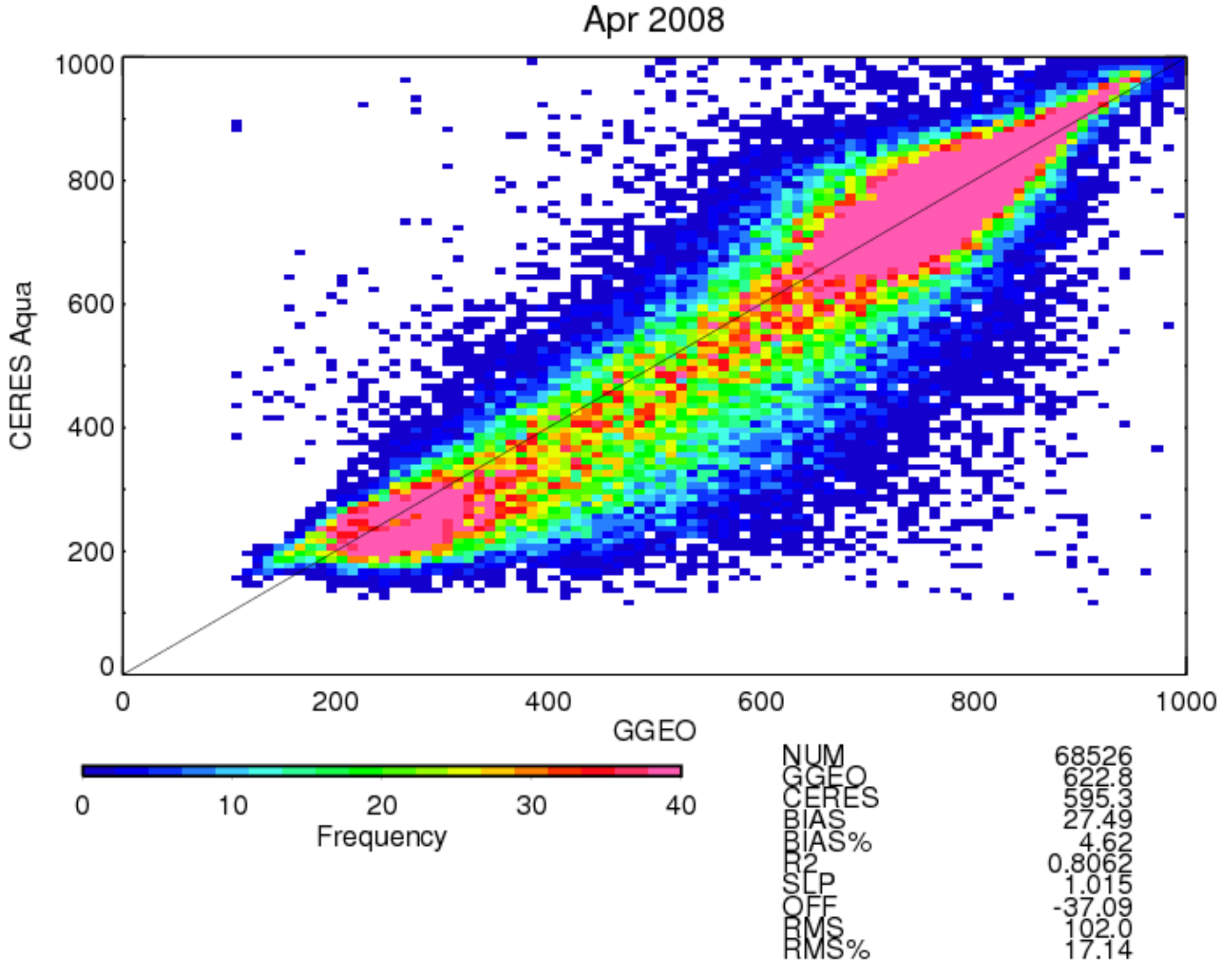

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
NUM 68711
GGEO 81.5
CERES 73.2
BIAS 8.36
BIAS% 11.42
R2 0.6667
SLP 0.941
OFF -3.52
RMS 20.3
RMS% 27.72

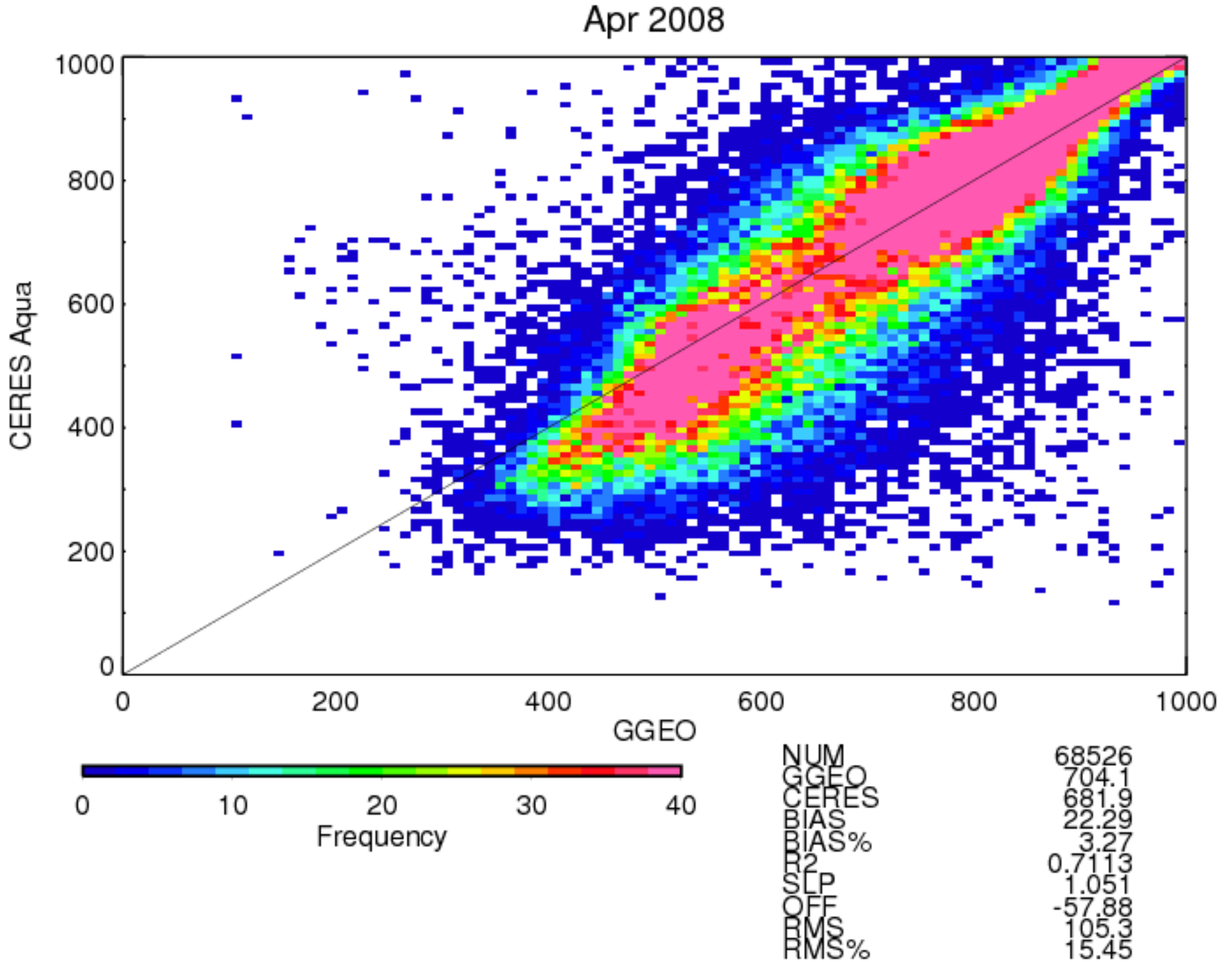

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
200
220
240
260
280
300
NUM 68526
GGEO 266.1
CERES 261.6
BIAS 4.50
BIAS% 1.72
R2 0.6897
SLP 1.057
OFF -19.62
RMS 12.4
RMS% 4.72

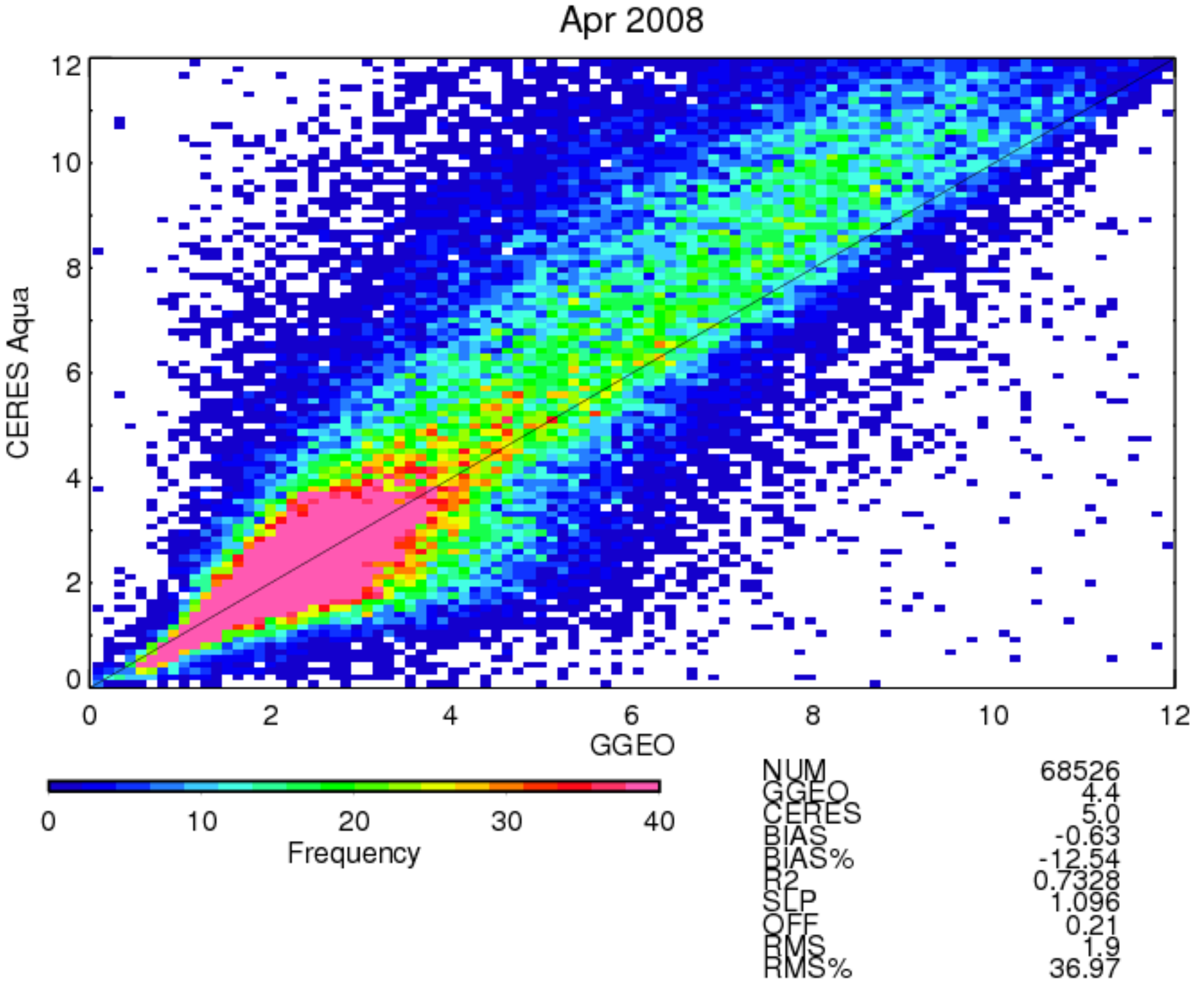

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
200
220
240
260
280
300
NUM 68526
GGEO 263.4
CERES 259.1
BIAS 4.25
BIAS% 1.64
R2 0.7308
SLP 1.000
OFF -4.18
RMS 12.4
RMS% 4.80

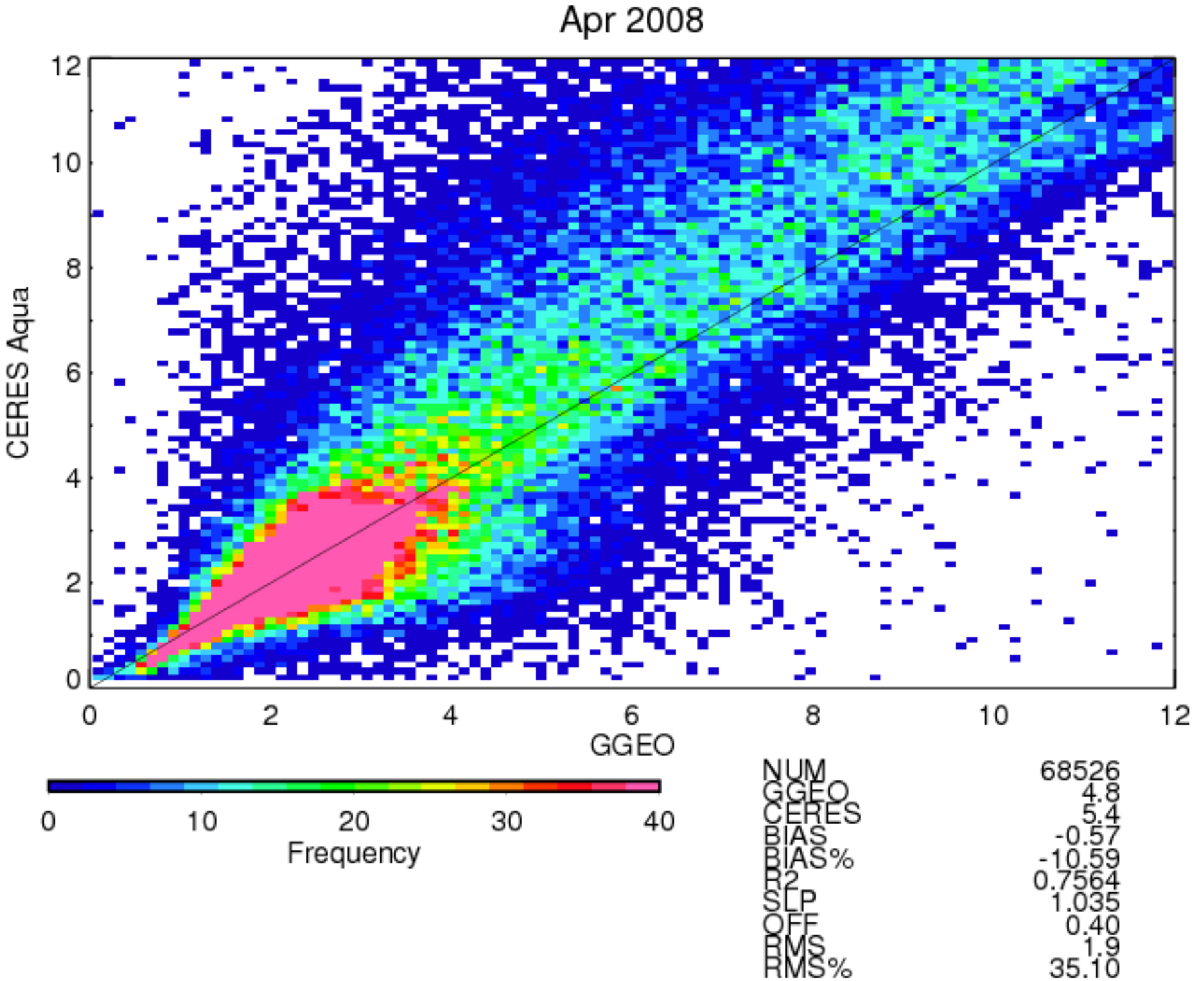

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
200
220
240
260
280
300
NUM 68526
GGEO 272.0
CERES 269.0
BIAS 3.07
BIAS% 1.14
R2 0.5417
SLP 0.998
OFF -2.54
RMS 11.2
RMS% 4.16

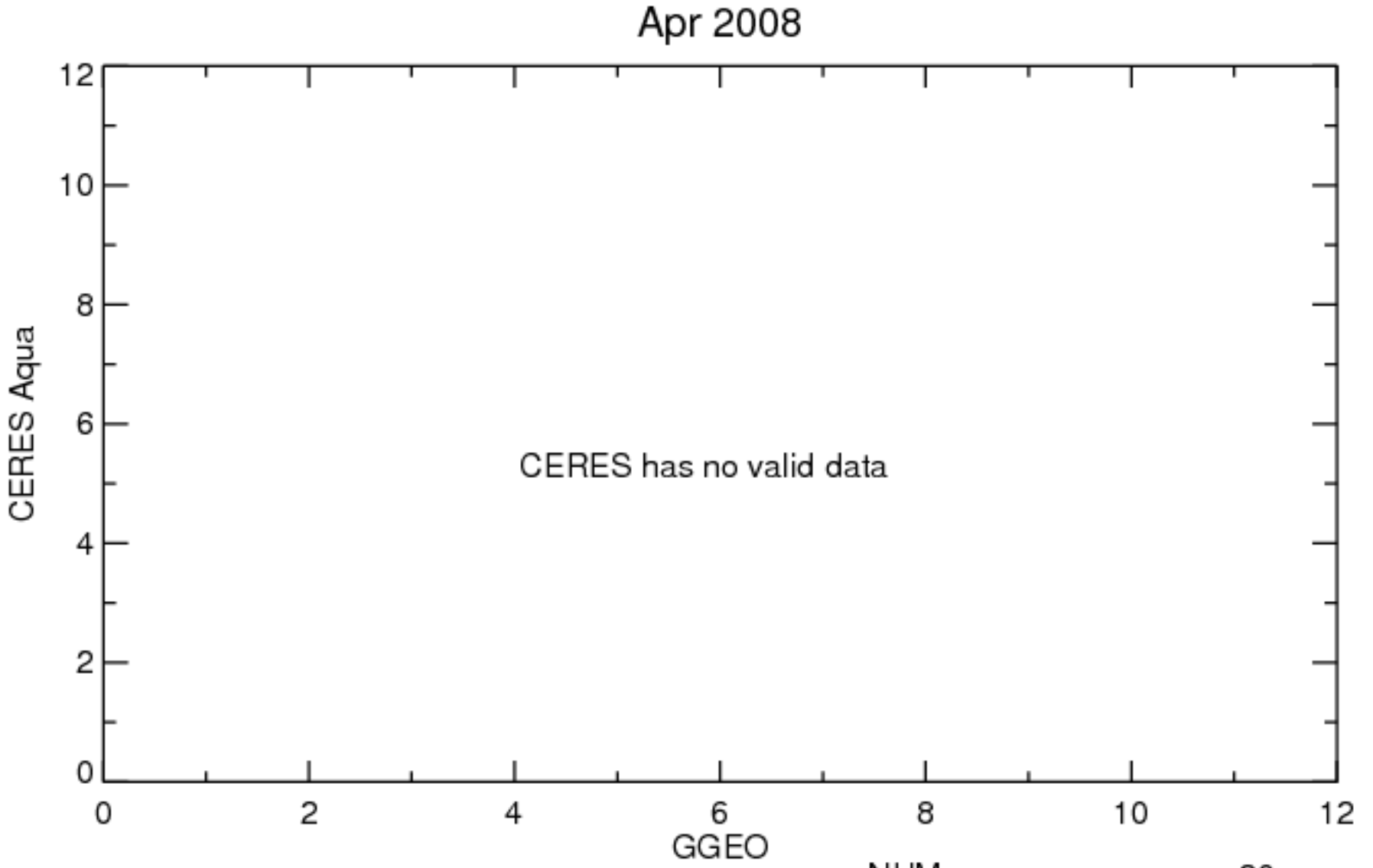

Apr 2008
CERES Aqua
GGEO
Frequency
0
200
400
600
800
1000
0
10
20
30
40
NUM 68526
GGEO 641.3
CERES 610.0
BIAS 31.34
BIAS% 5.14
R2 0.7914
SLP 1.056
OFF -67.06
RMS 102.3
RMS% 16.78


Apr 2008
CERES Aqua
GGEO
Frequency
0
200
400
600
800
1000
0
10
20
30
40
NUM 68526
GGEO 622.8
CERES 595.3
BIAS 27.49
BIAS% 4.62
R2 0.8062
SLP 1.015
OFF -37.09
RMS 102.0
RMS% 17.14

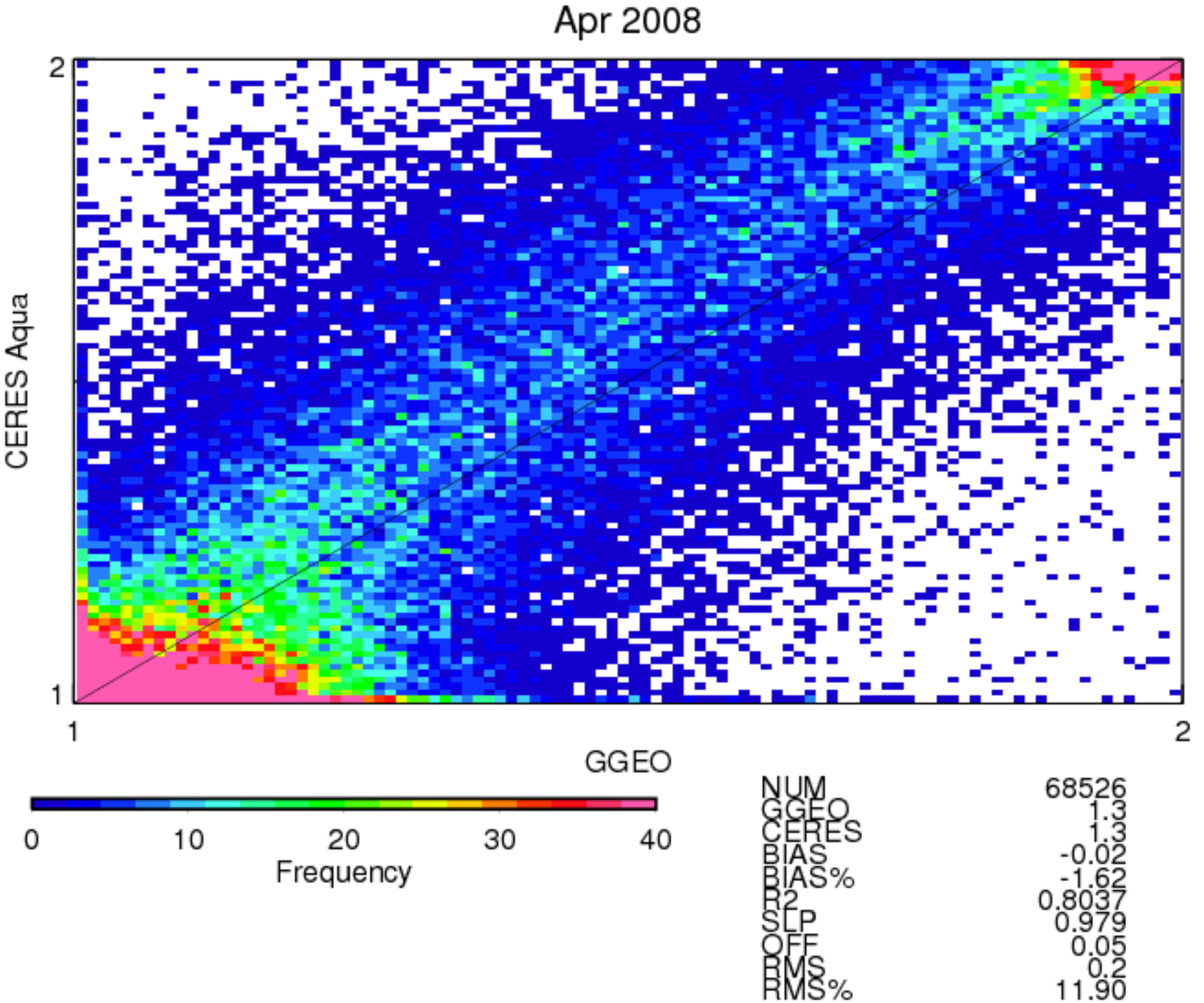

Apr 2008
CERES Aqua
GGEO
Frequency
0
200
400
600
800
1000
0
10
20
30
40
NUM 68526
GGEO 704.1
CERES 681.9
BIAS 22.29
BIAS% 3.27
R2 0.7113
SLP 1.051
OFF -57.88
RMS 105.3
RMS% 15.45

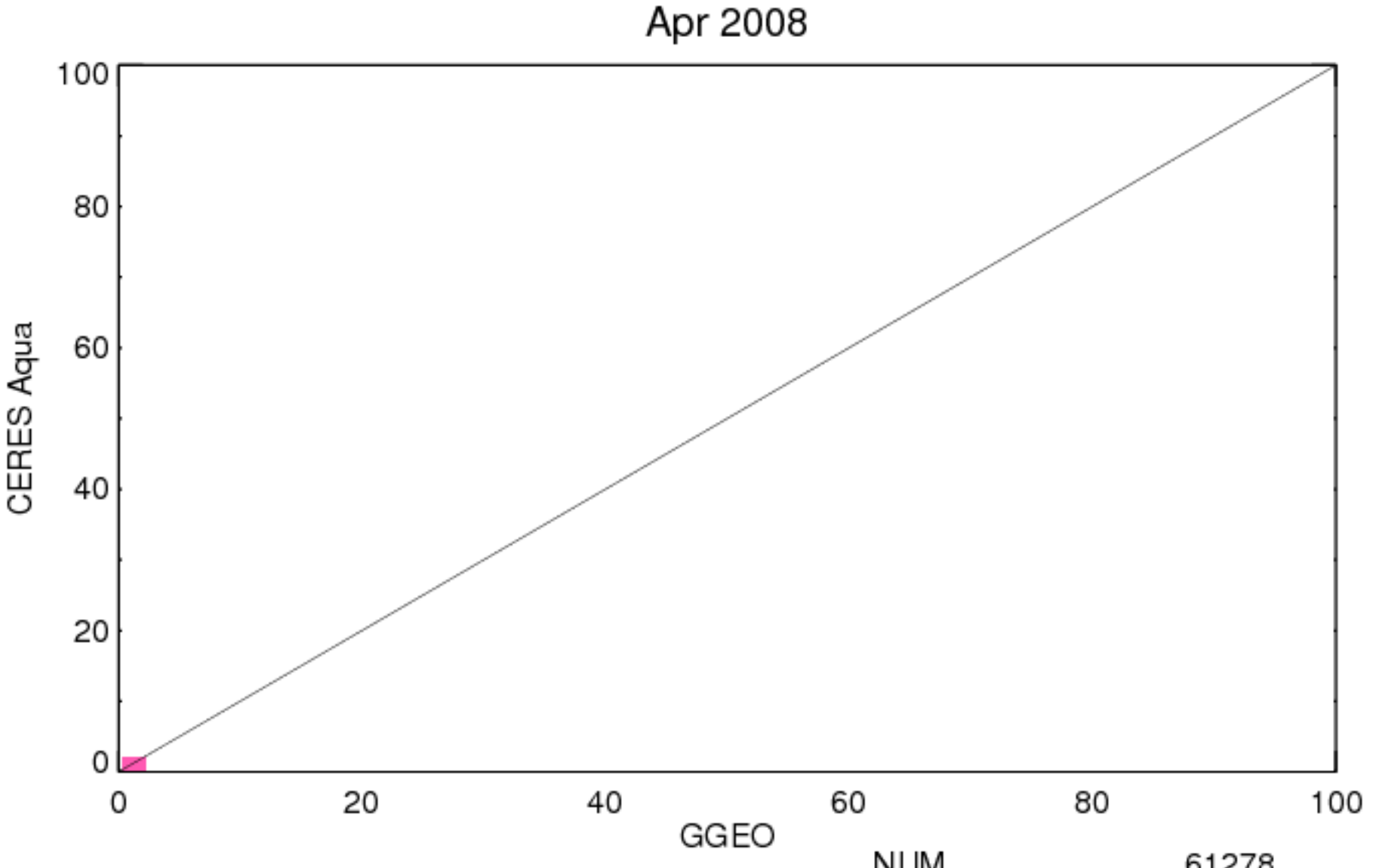

Apr 2008
CERES Aqua
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 68526
GGEO 4.4
CERES 5.0
BIAS -0.63
BIAS% -12.54
R2 0.7328
SLP 1.096
OFF 0.21
RMS 1.9
RMS% 36.97


Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
NUM 68526
GGEO 4.8
CERES 5.4
BIAS -0.57
BIAS% -10.59
R2 0.7564
SLP 1.035
OFF 0.40
RMS 1.9
RMS% 35.10

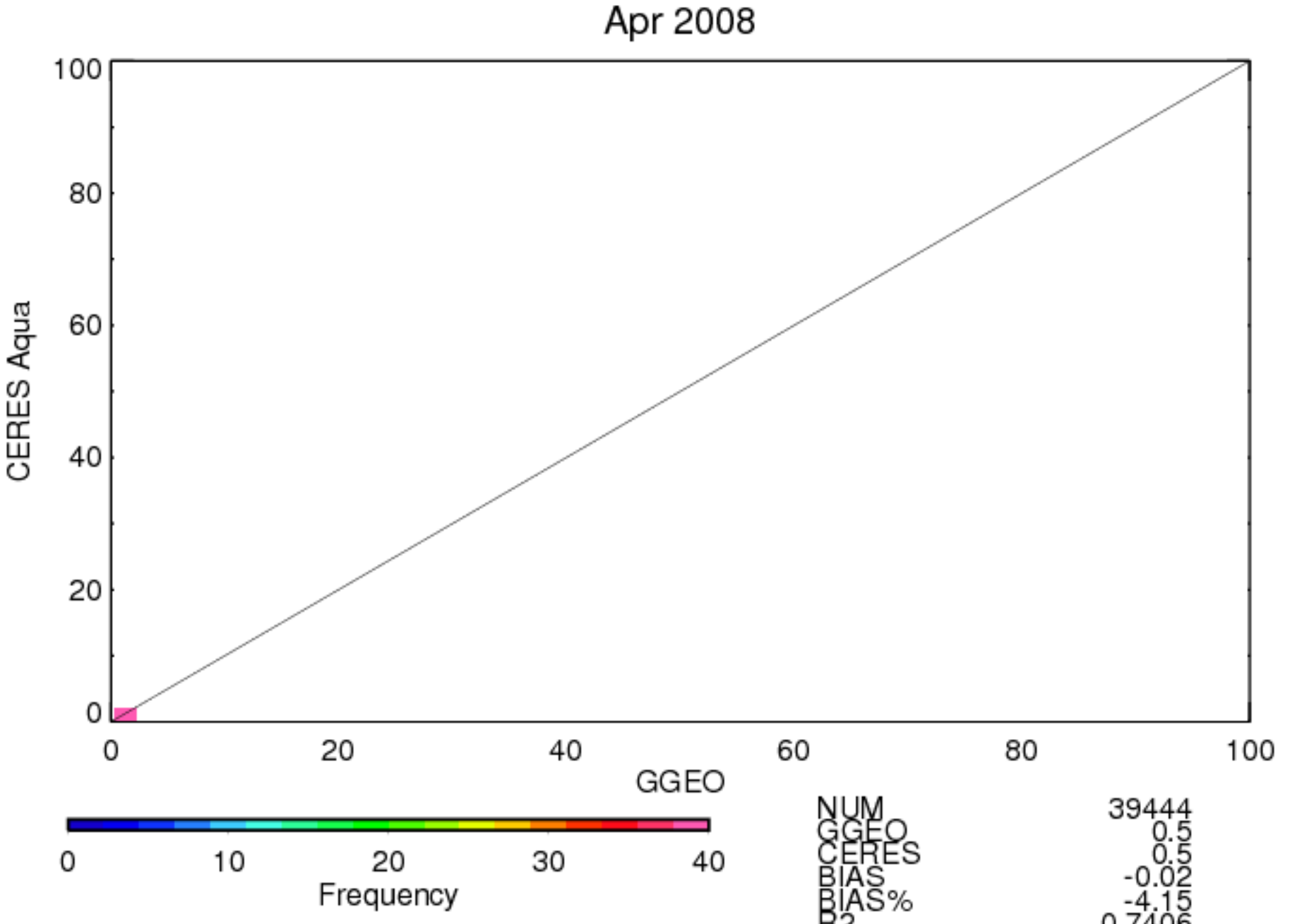


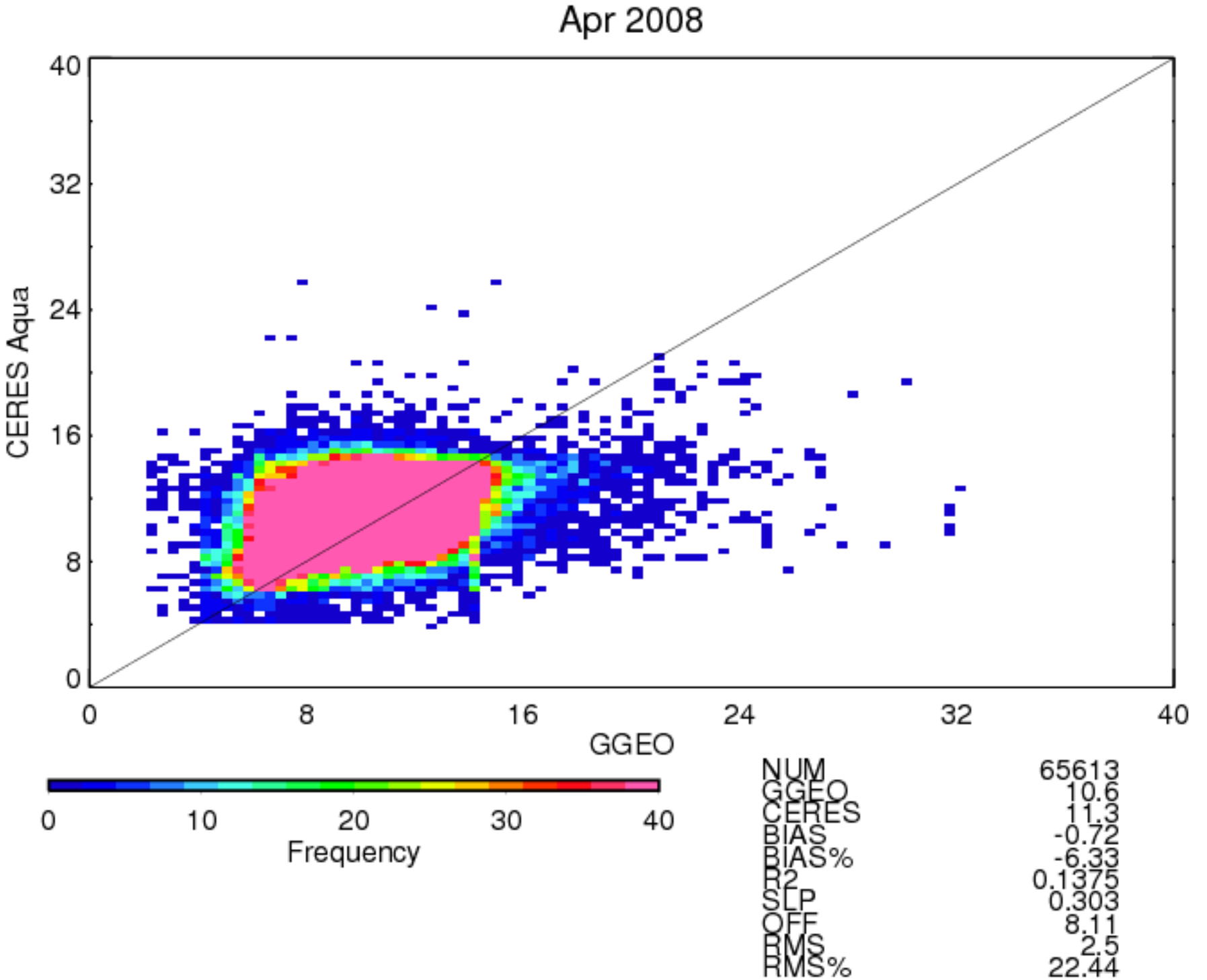
NUM	20
GGEO	0.0
CERES	0.0
BIAS	0.00
BIAS%	-NaN
R2	NaN
SLP	-NaN
OFF	-NaN
RMS	0.0
RMS%	-NaN

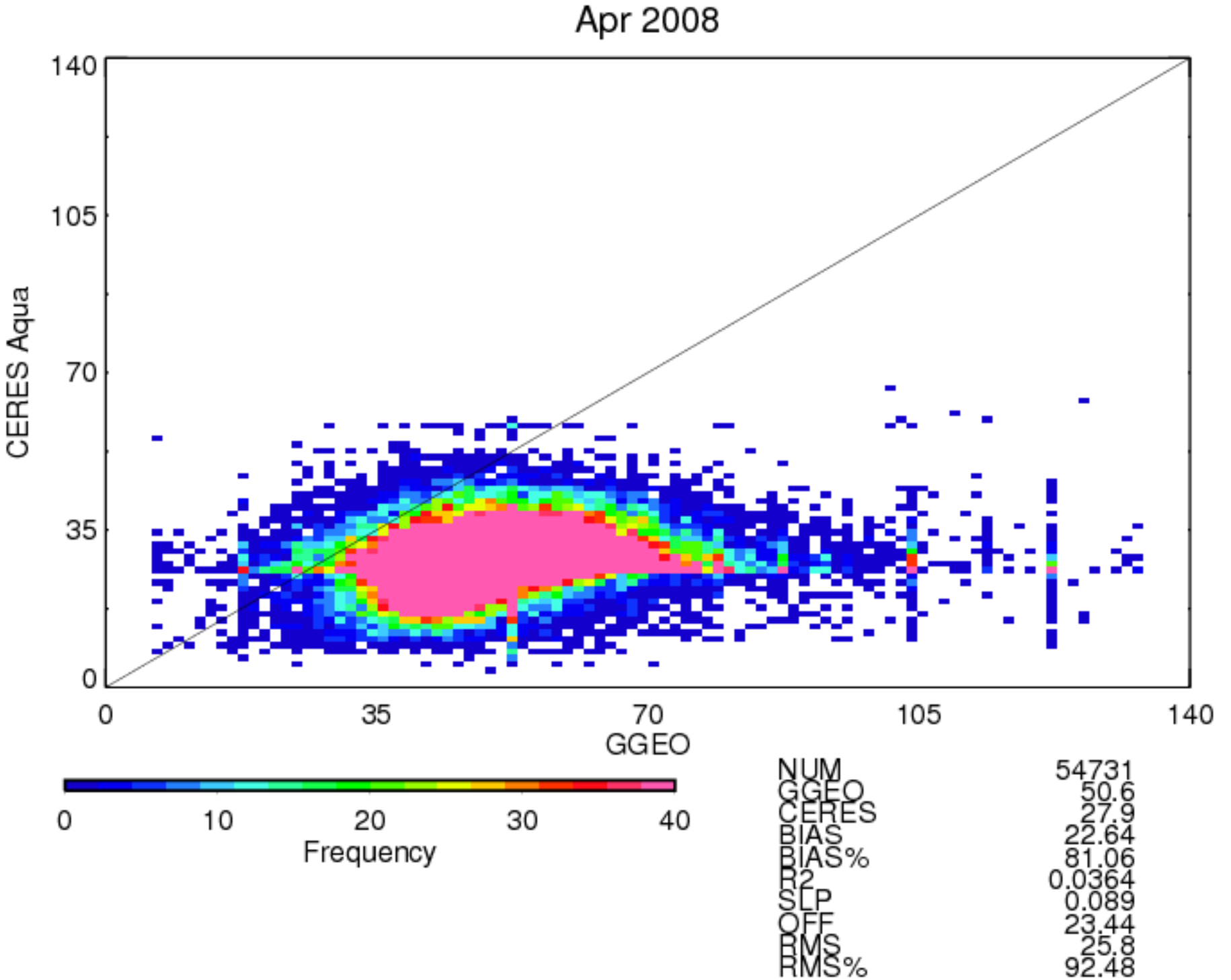

Apr 2008
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 68526
GGEO 1.3
CERES 1.3
BIAS -0.02
BIAS% -1.62
R2 0.8037
SLP 0.979
OFF 0.05
RMS 0.2
RMS% 11.90

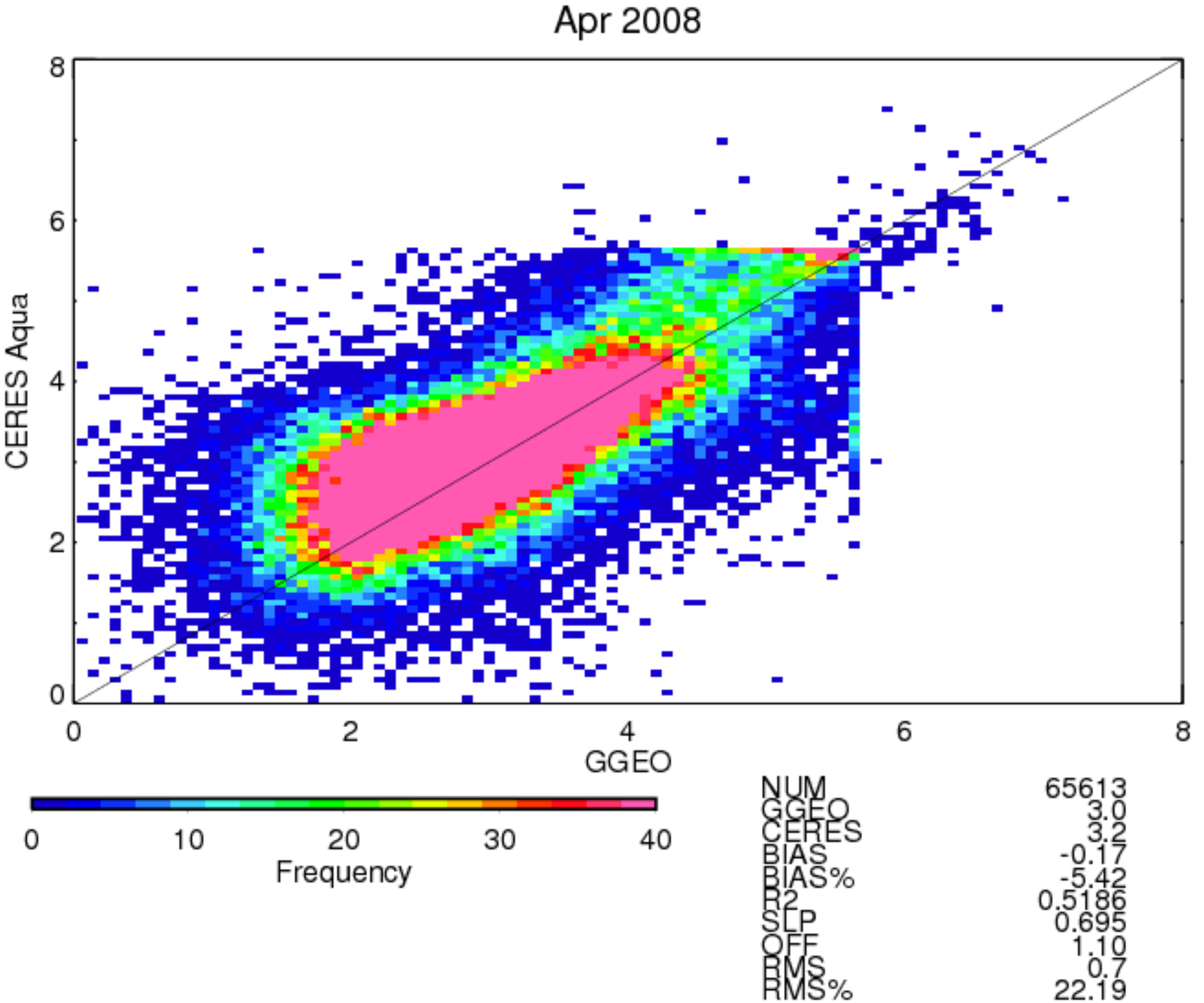


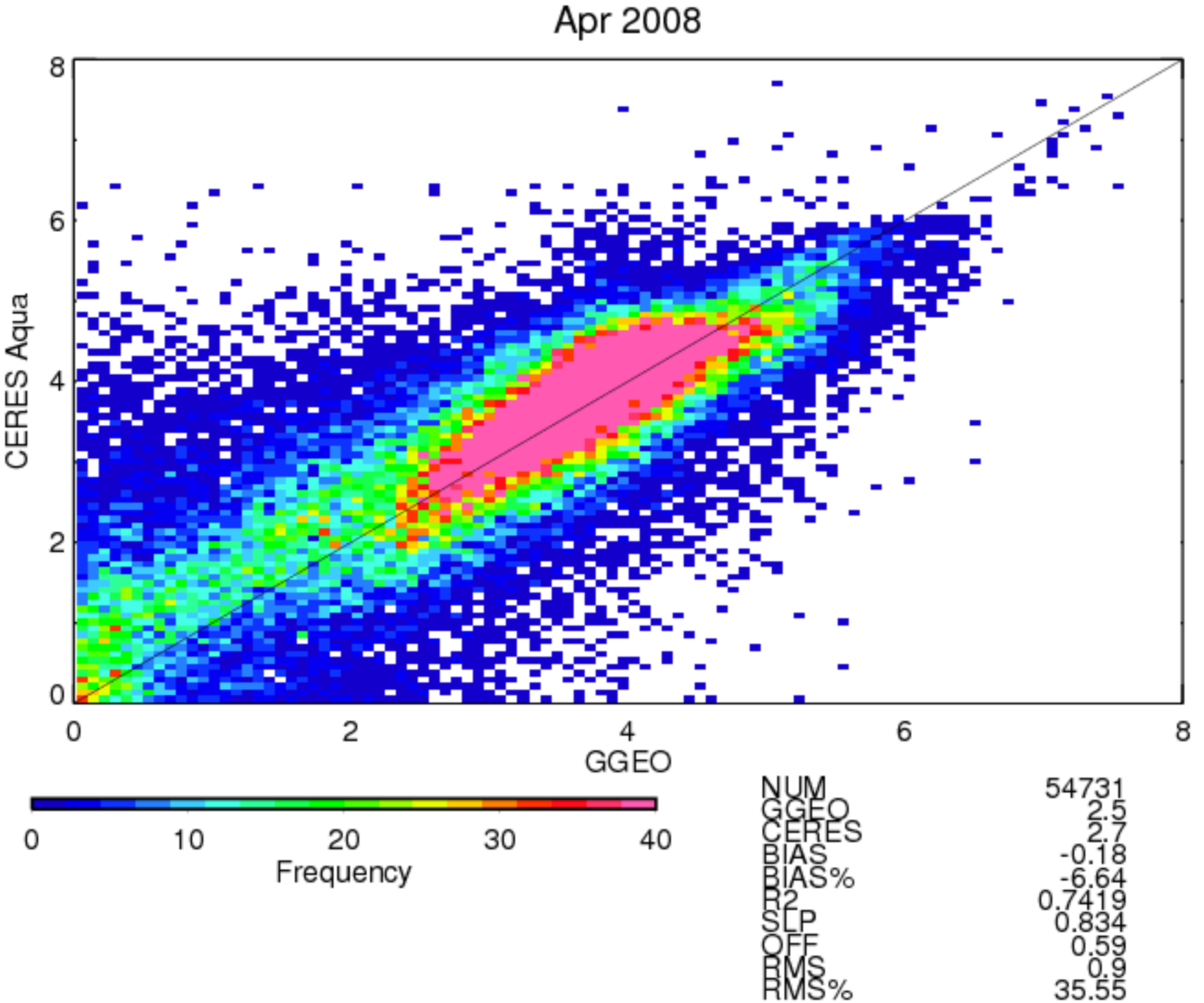
NUM	61278
GGEO	0.6
CERES	0.5
BIAS	0.10
BIAS%	20.58
R2	0.6395
SLP	0.829
OFF	-0.00
RMS	0.2
RMS%	44.24

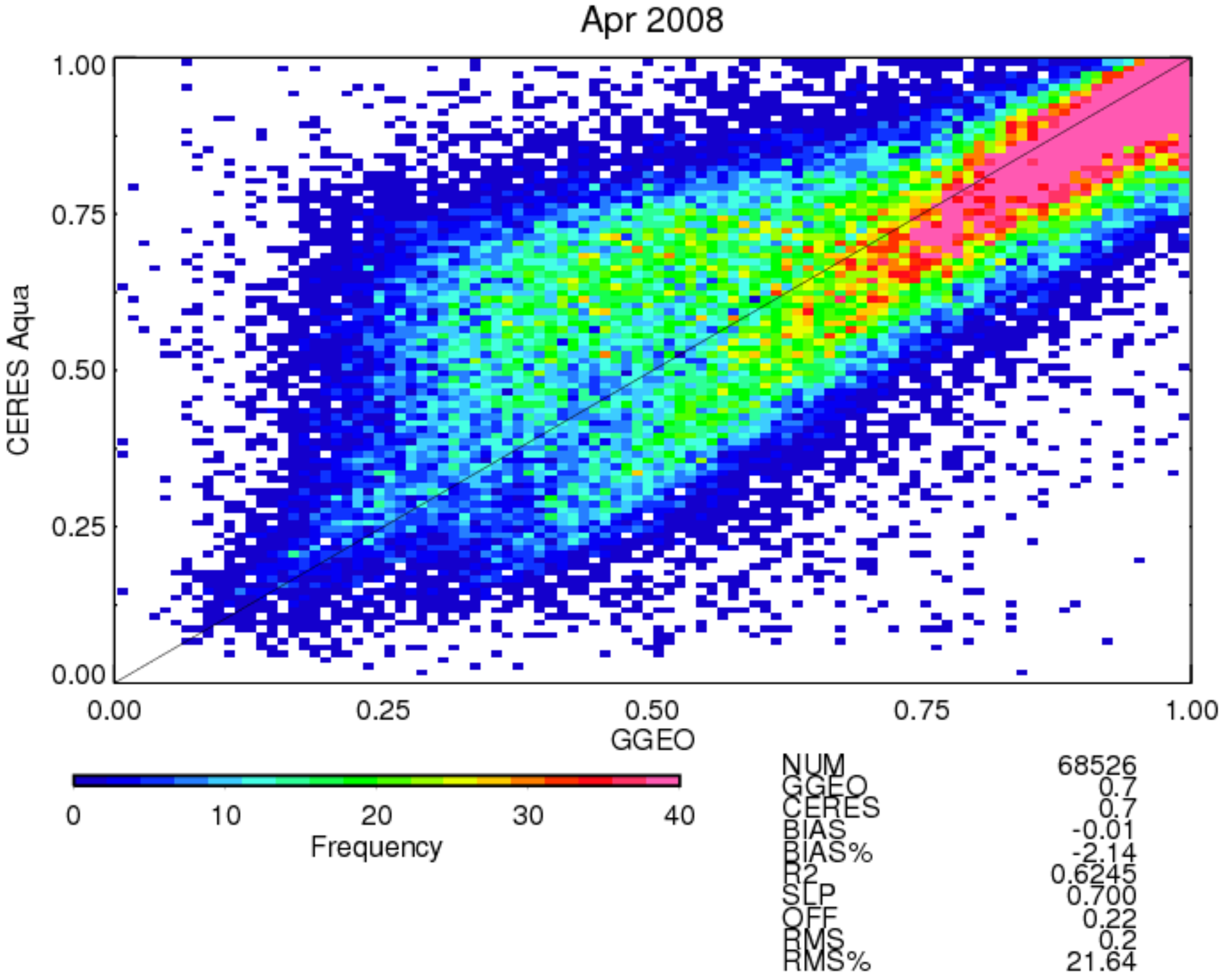

Apr 2008
CERES Aqua
GGEO
0
20
40
60
80
100
0
10
20
30
40
Frequency
NUM 39444
GGEO 0.5
CERES 0.5
BIAS -0.02
BIAS% -4.15
R2 0.7406
SLP 0.920
OFF 0.06
RMS 0.2
RMS% 36.45

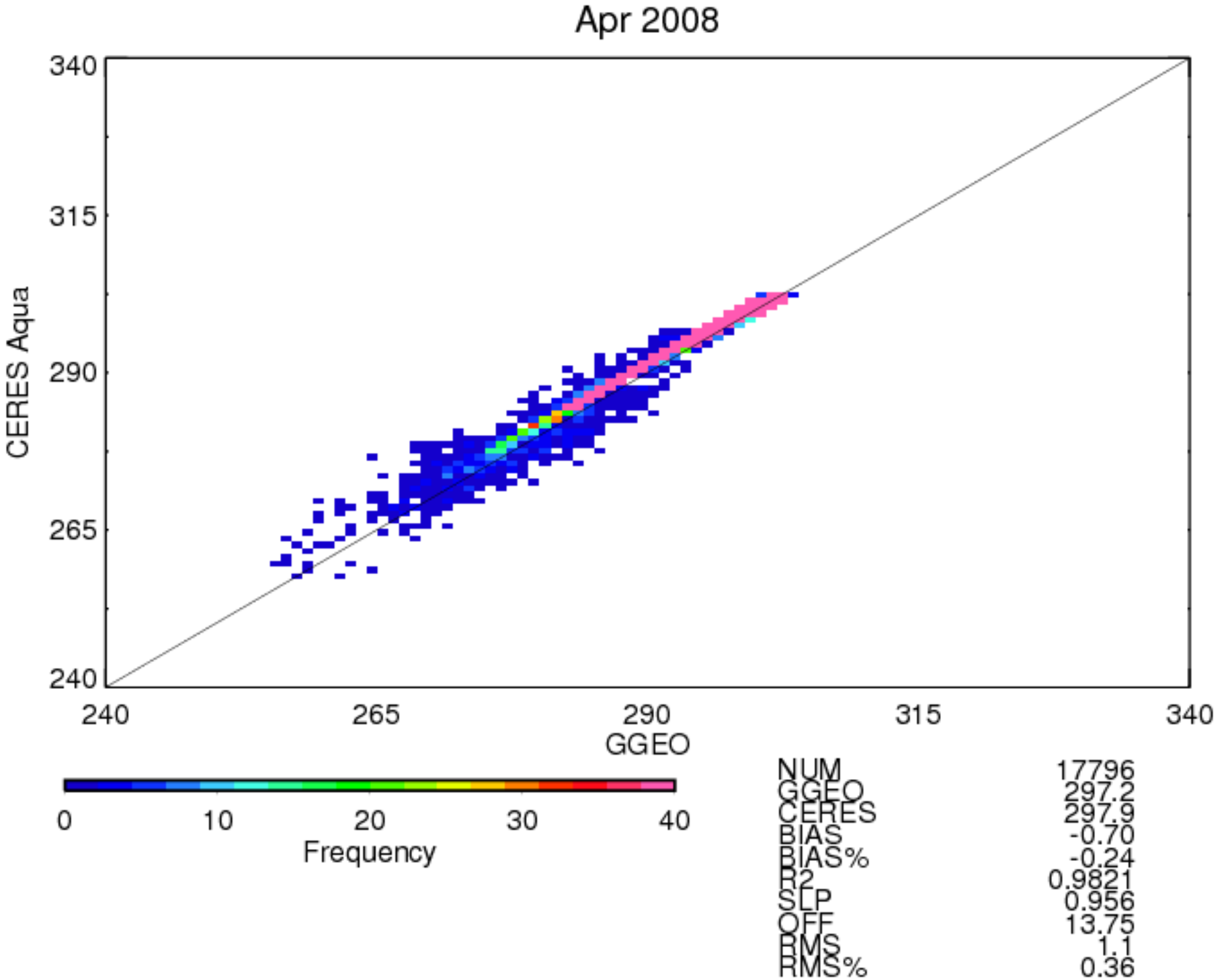

Apr 2008
CERES Aqua
GGEO
Frequency
0
8
16
24
32
40
0
10
20
30
40
NUM 65613
GGEO 10.6
CERES 11.3
BIAS -0.72
BIAS% -6.33
R2 0.1375
SLP 0.303
OFF 8.11
RMS 2.5
RMS% 22.44


Apr 2008
CERES Aqua
GGEO
Frequency
0
35
70
105
140
0
10
20
30
40
NUM 54731
GGEO 50.6
CERES 27.9
BIAS 22.64
BIAS% 81.06
R2 0.0364
SLP 0.089
OFF 23.44
RMS 25.8
RMS% 92.48


Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 65613
GGEO 3.0
CERES 3.2
BIAS -0.17
BIAS% -5.42
R2 0.5186
SLP 0.695
OFF 1.10
RMS 0.7
RMS% 22.19


Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 54731
GGEO 2.5
CERES 2.7
BIAS -0.18
BIAS% -6.64
R2 0.7419
SLP 0.834
OFF 0.59
RMS 0.9
RMS% 35.55


Apr 2008
CERES Aqua
GGEO
Frequency
0.00
0.25
0.50
0.75
1.00
0
10
20
30
40
NUM 68526
GGEO 0.7
CERES 0.7
BIAS -0.01
BIAS% -2.14
R2 0.6245
SLP 0.700
OFF 0.22
RMS 0.2
RMS% 21.64


Apr 2008
CERES Aqua
GGEO
Frequency
340
315
290
265
240
240
265
290
315
340
0
10
20
30
40
NUM 17796
GGEO 297.2
CERES 297.9
BIAS -0.70
BIAS% -0.24
R2 0.9821
SLP 0.956
OFF 13.75
RMS 1.1
RMS% 0.36