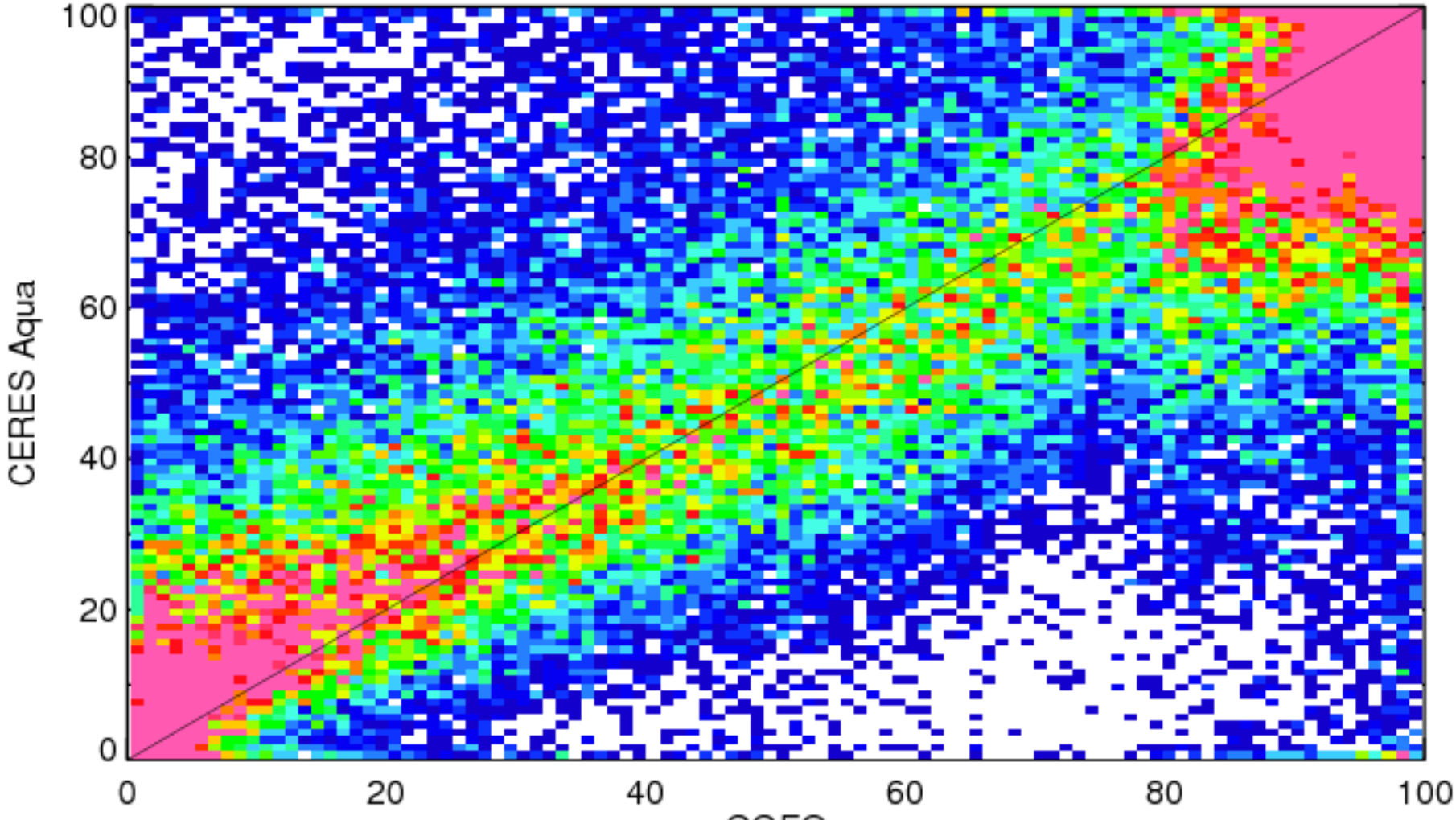
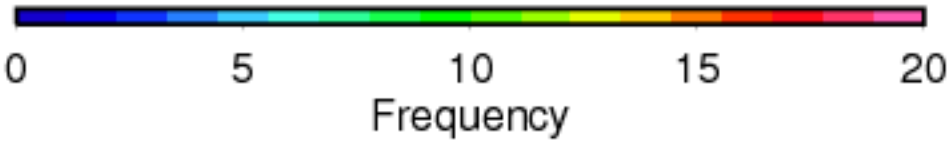
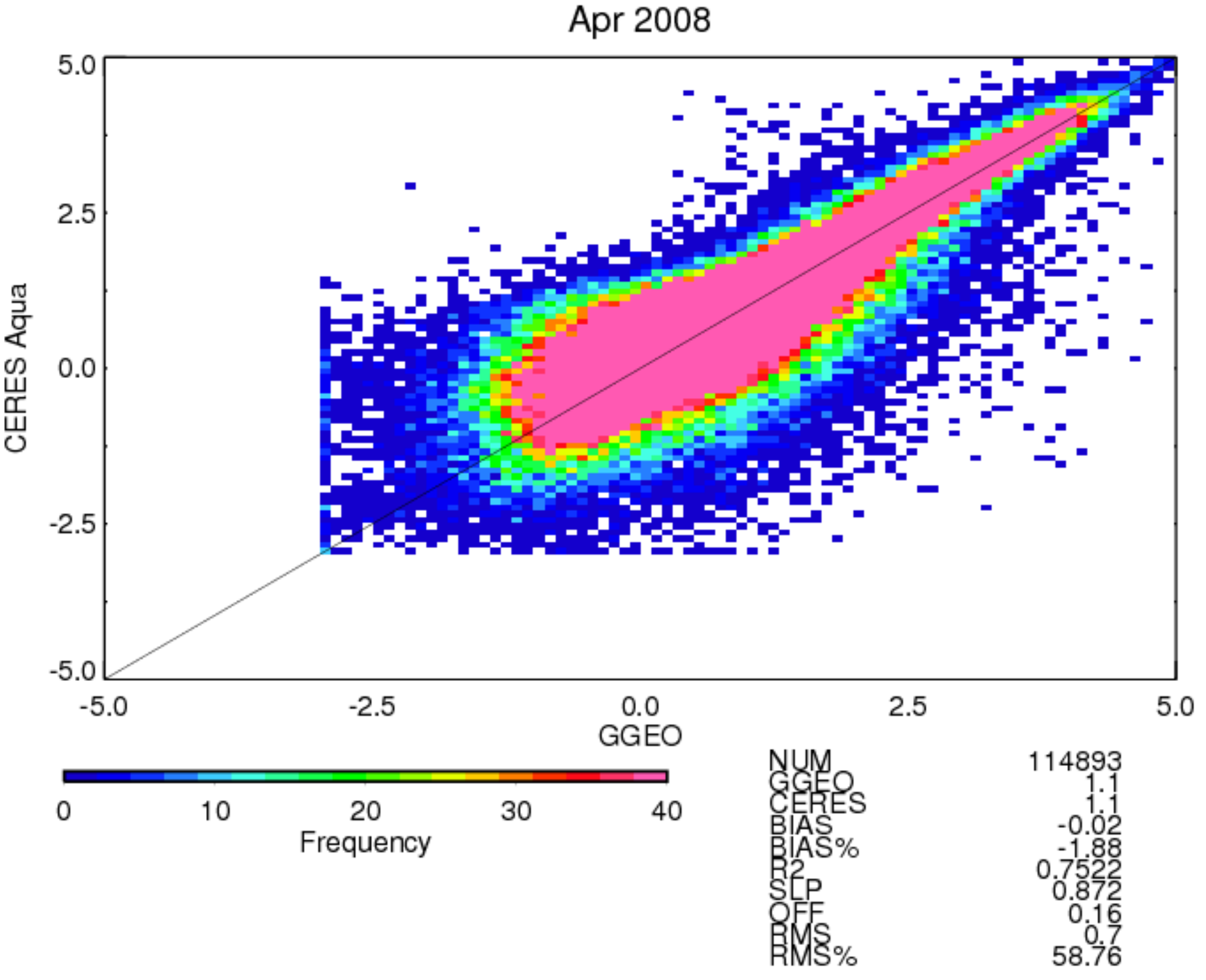
MTSAT-1 Aqua Daytime Cloud Amount (%) 5ch_V01

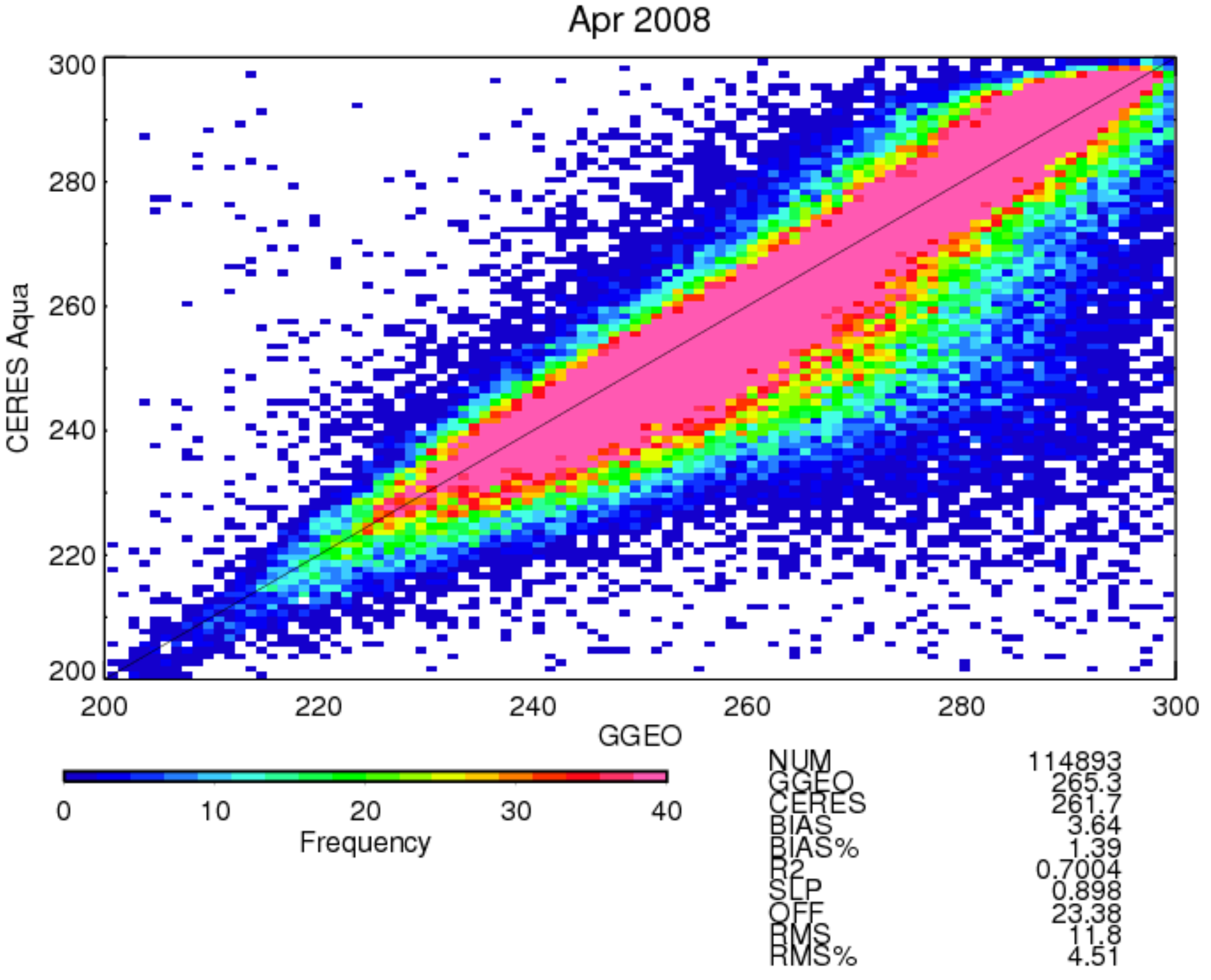
Apr 2008

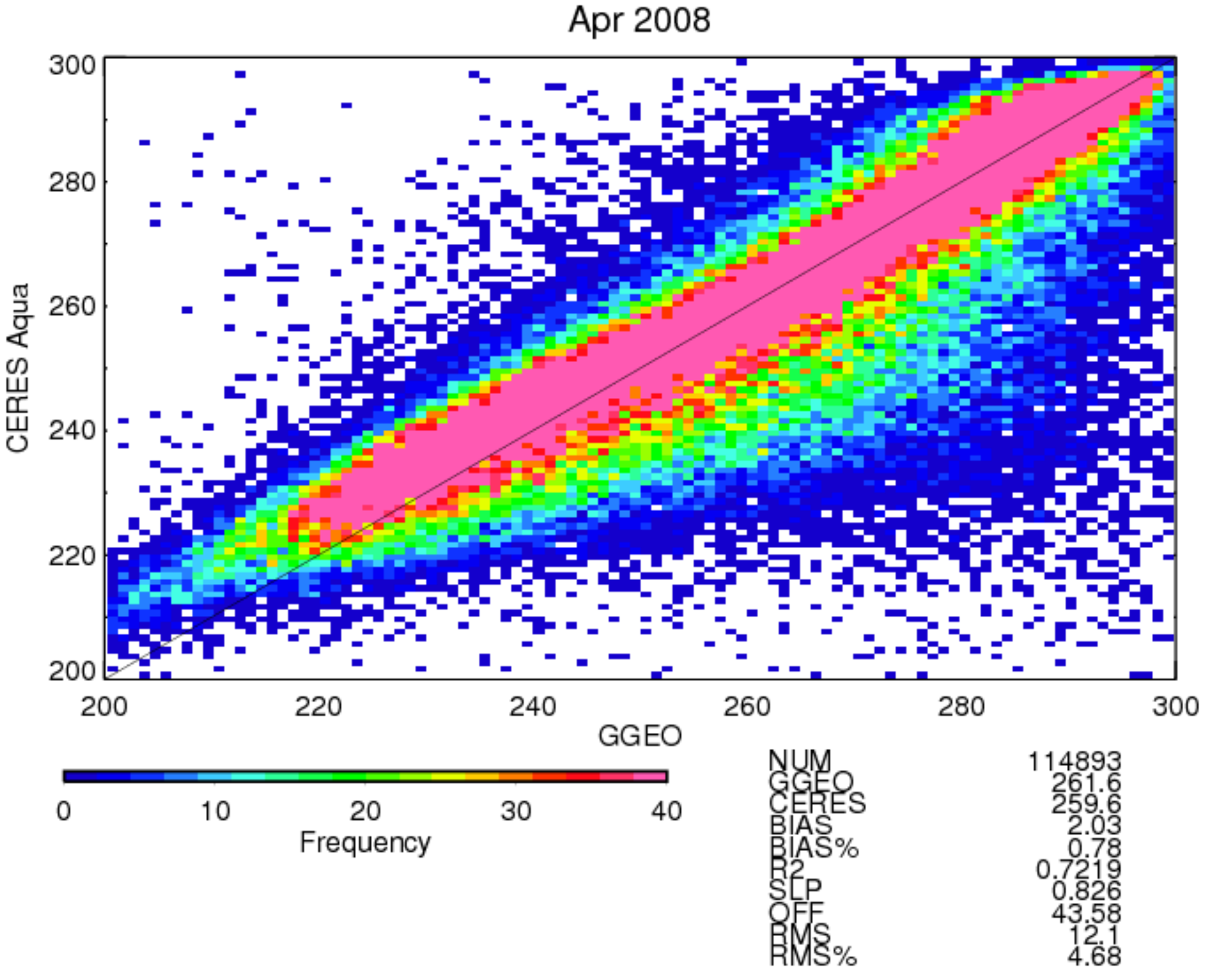


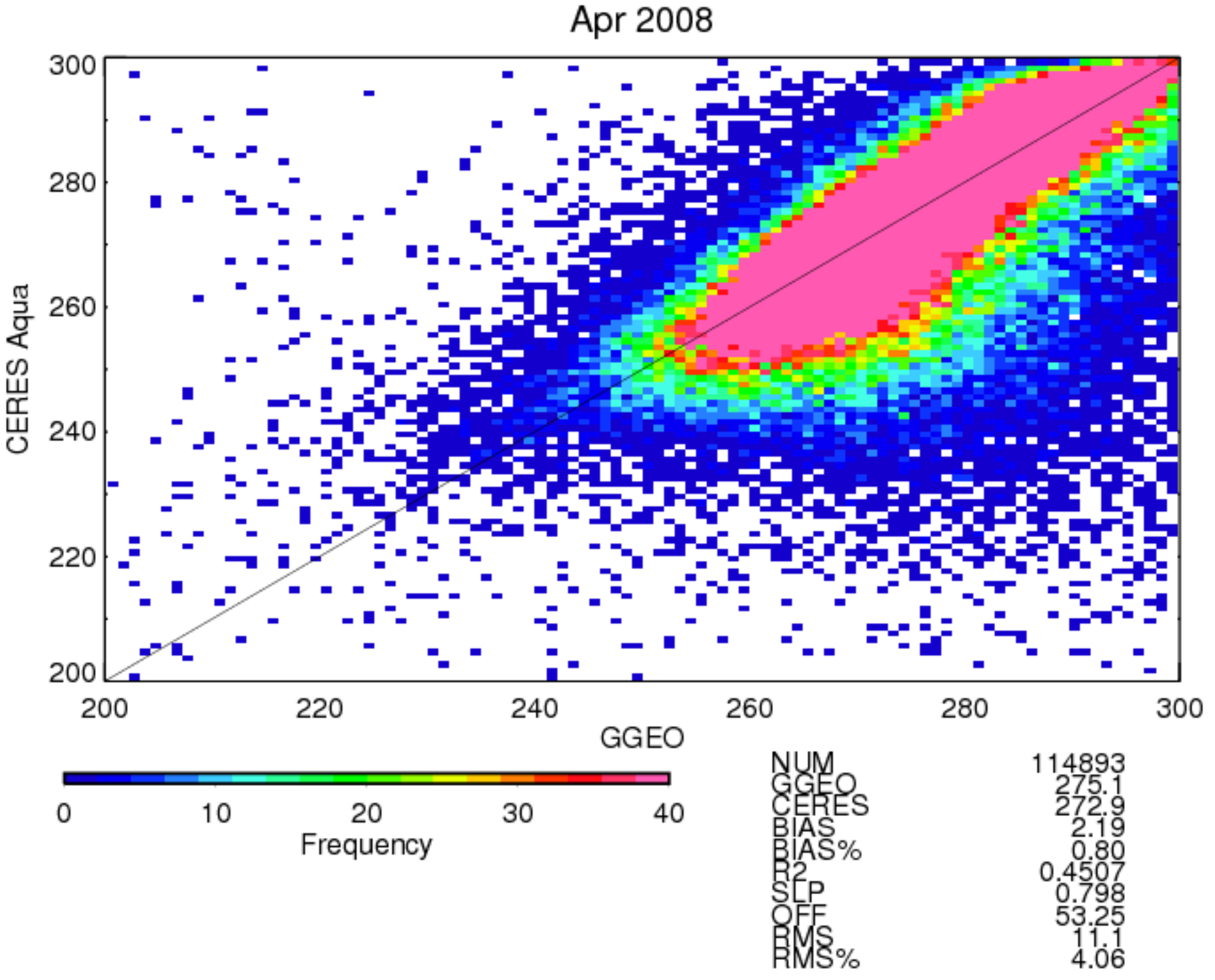


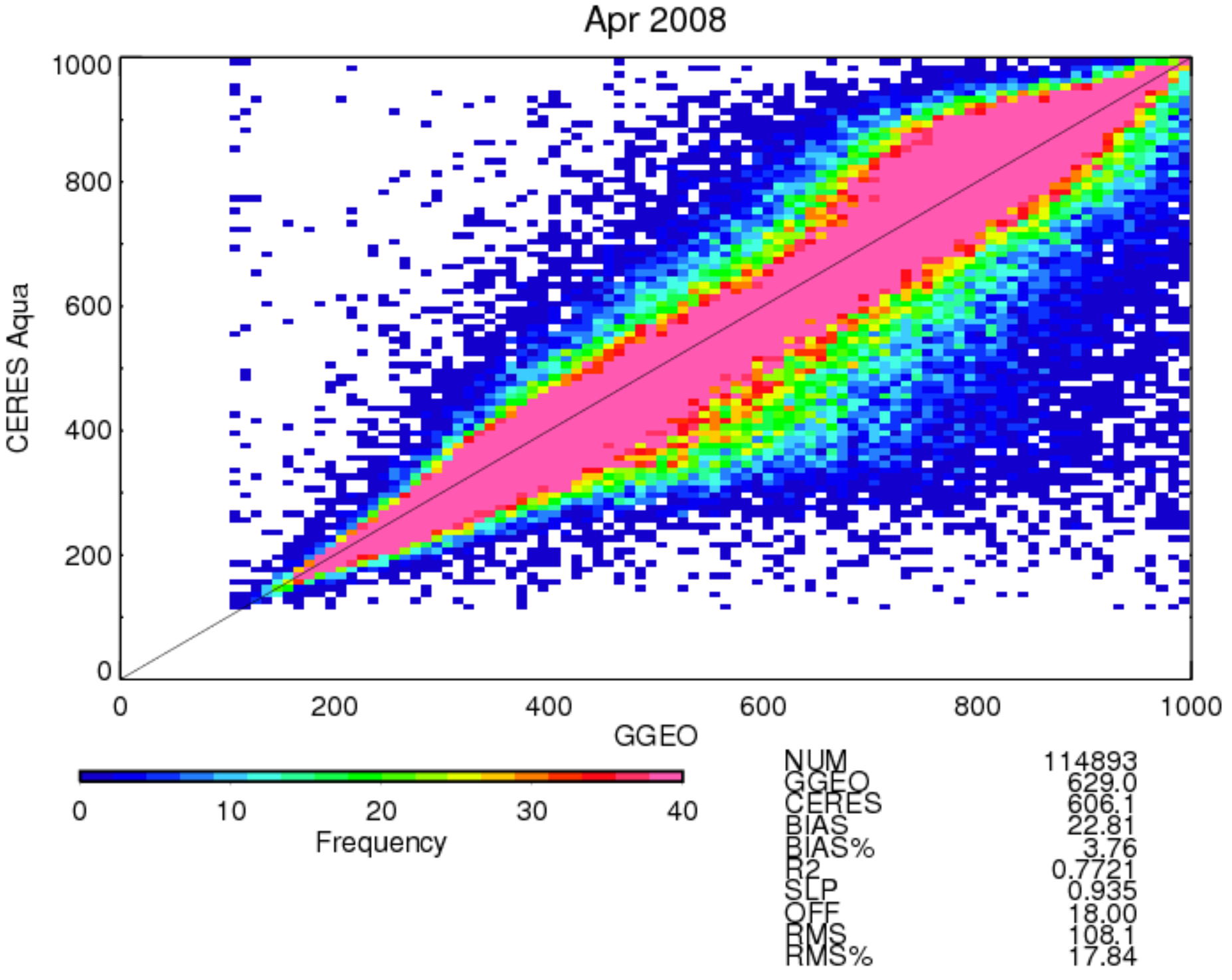
NUM	115357
GGEO	74.8
CERES	72.6
BIAS	2.17
BIAS%	2.99
R2	0.7045
SLP	0.783
OFF	14.04

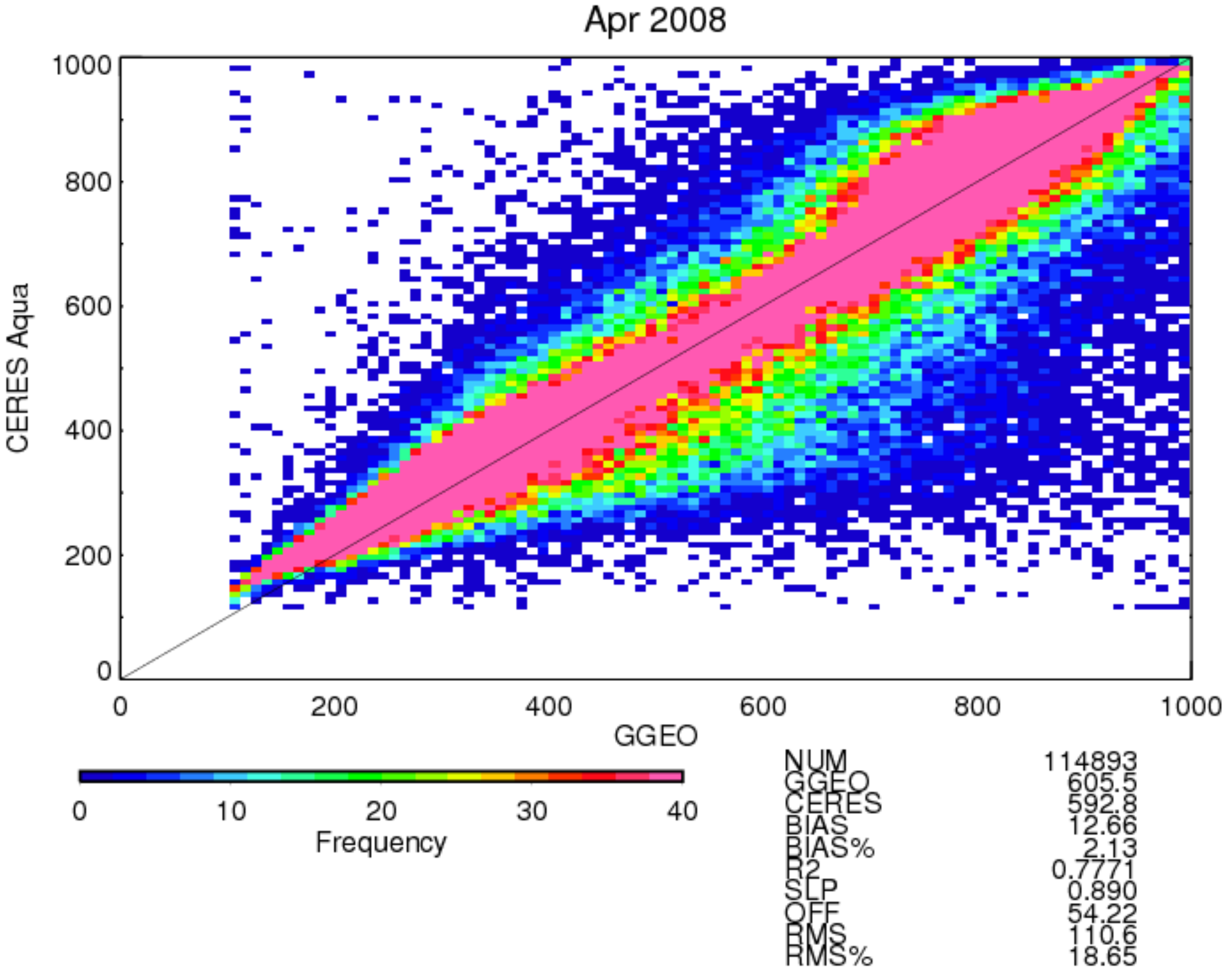

Apr 2008
CERES Aqua
5.0
2.5
0.0
-2.5
-5.0
-5.0
-2.5
0.0
2.5
5.0
GGEO
0
10
20
30
40
Frequency
NUM 114893
GGEO 1.1
CERES 1.1
BIAS -0.02
BIAS% -1.88
R2 0.7522
SLP 0.872
OFF 0.16
RMS 0.7
RMS% 58.76

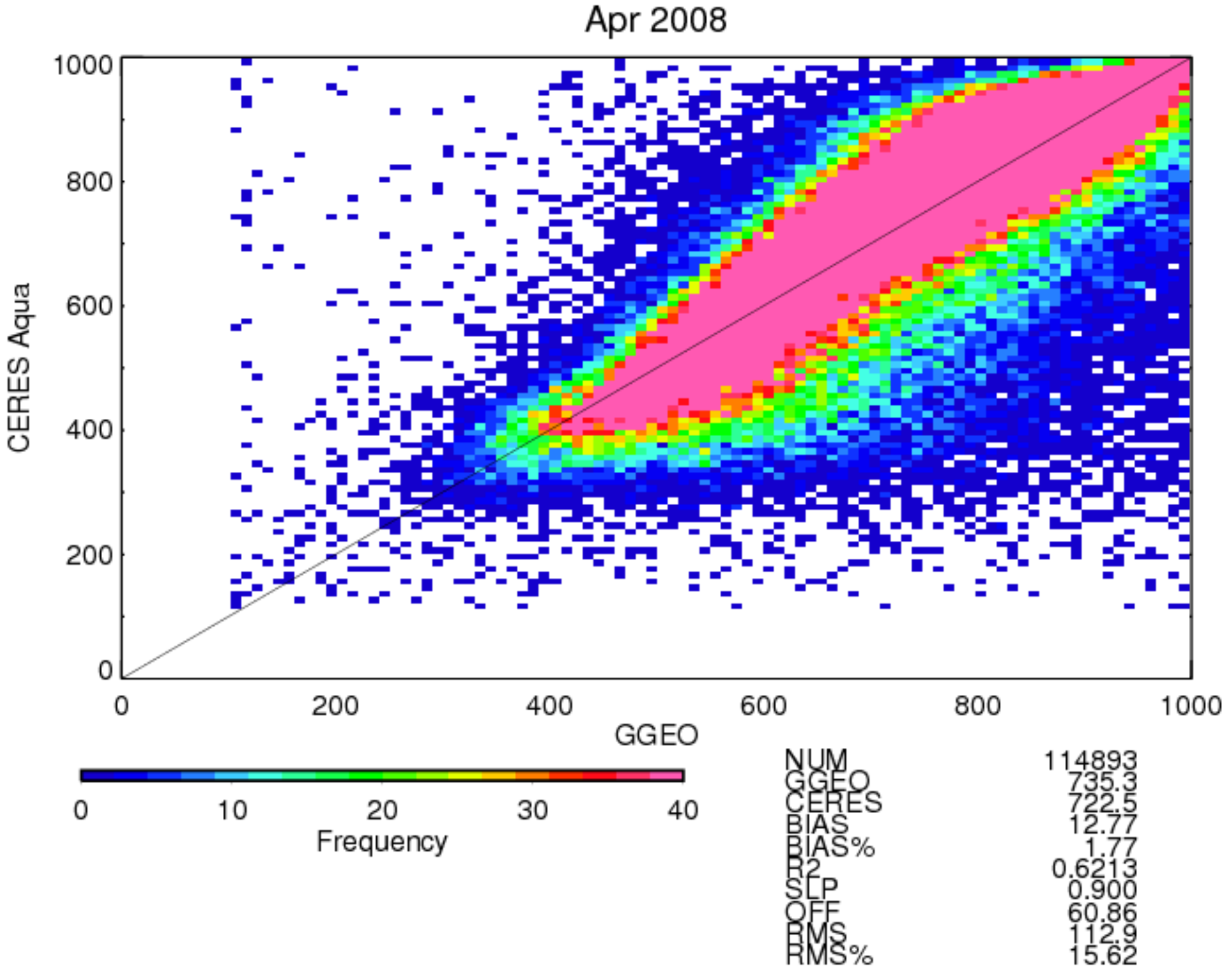

Apr 2008
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 114893
GGEO 265.3
CERES 261.7
BIAS 3.64
BIAS% 1.39
R2 0.7004
SLP 0.898
OFF 23.38
RMS 11.8
RMS% 4.51

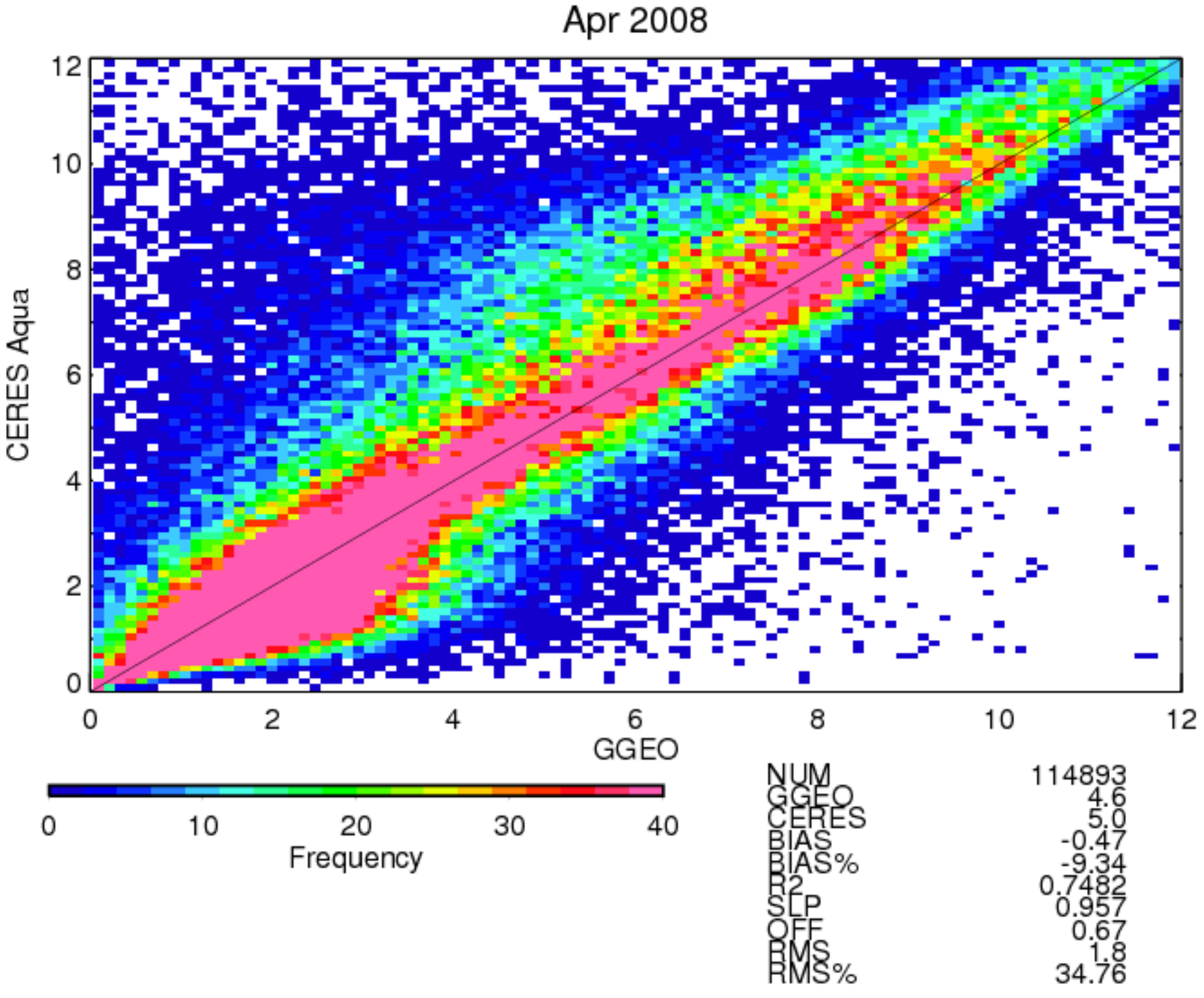

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
200
220
240
260
280
300
NUM 114893
GGEO 261.6
CERES 259.6
BIAS 2.03
BIAS% 0.78
R2 0.7219
SLP 0.826
OFF 43.58
RMS 12.1
RMS% 4.68

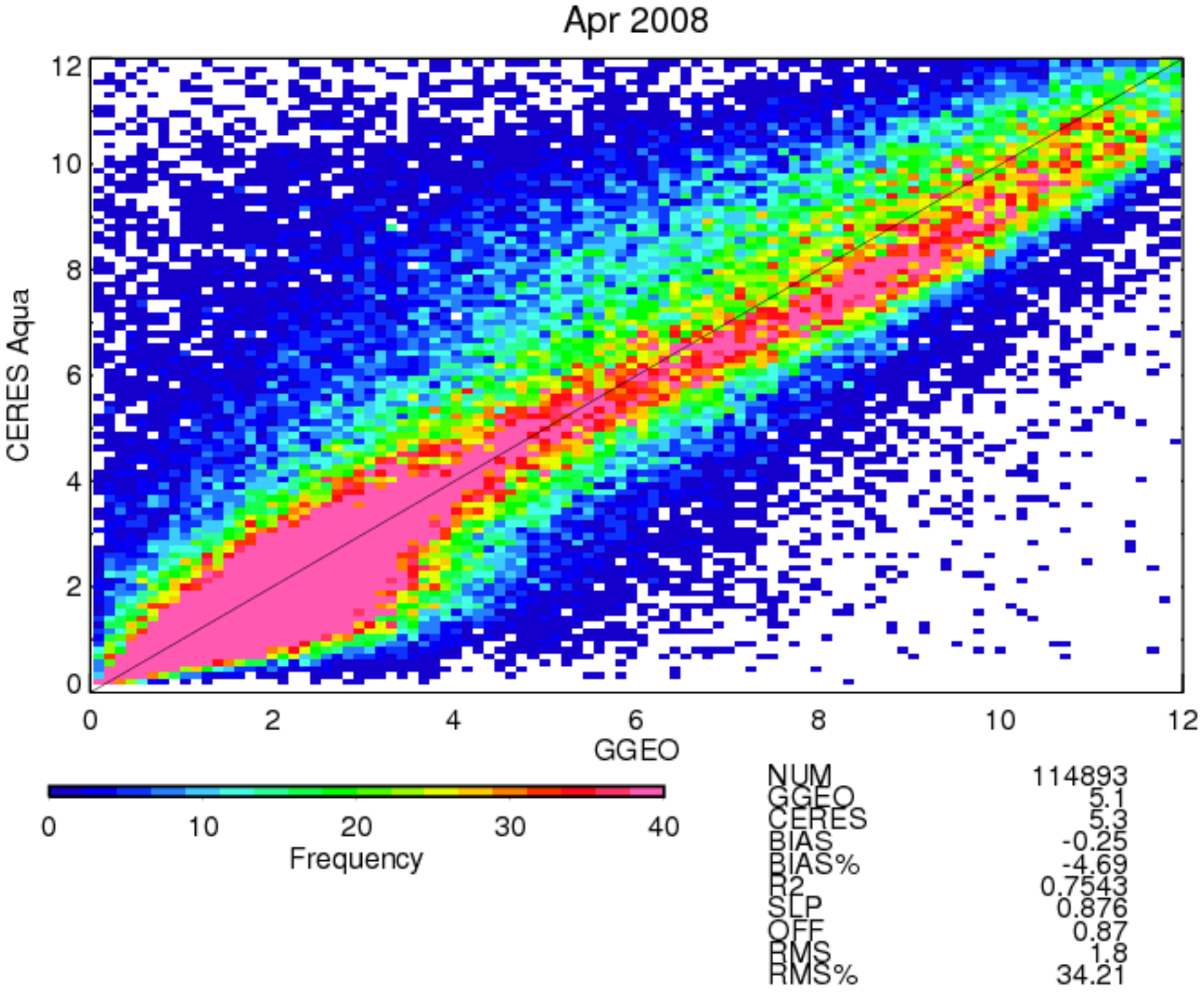

Apr 2008
CERES Aqua
GGEO
300
280
260
240
220
200
0
10
20
30
40
Frequency
NUM 114893
GGEO 275.1
CERES 272.9
BIAS 2.19
BIAS% 0.80
R2 0.4507
SLP 0.798
OFF 53.25
RMS 11.1
RMS% 4.06

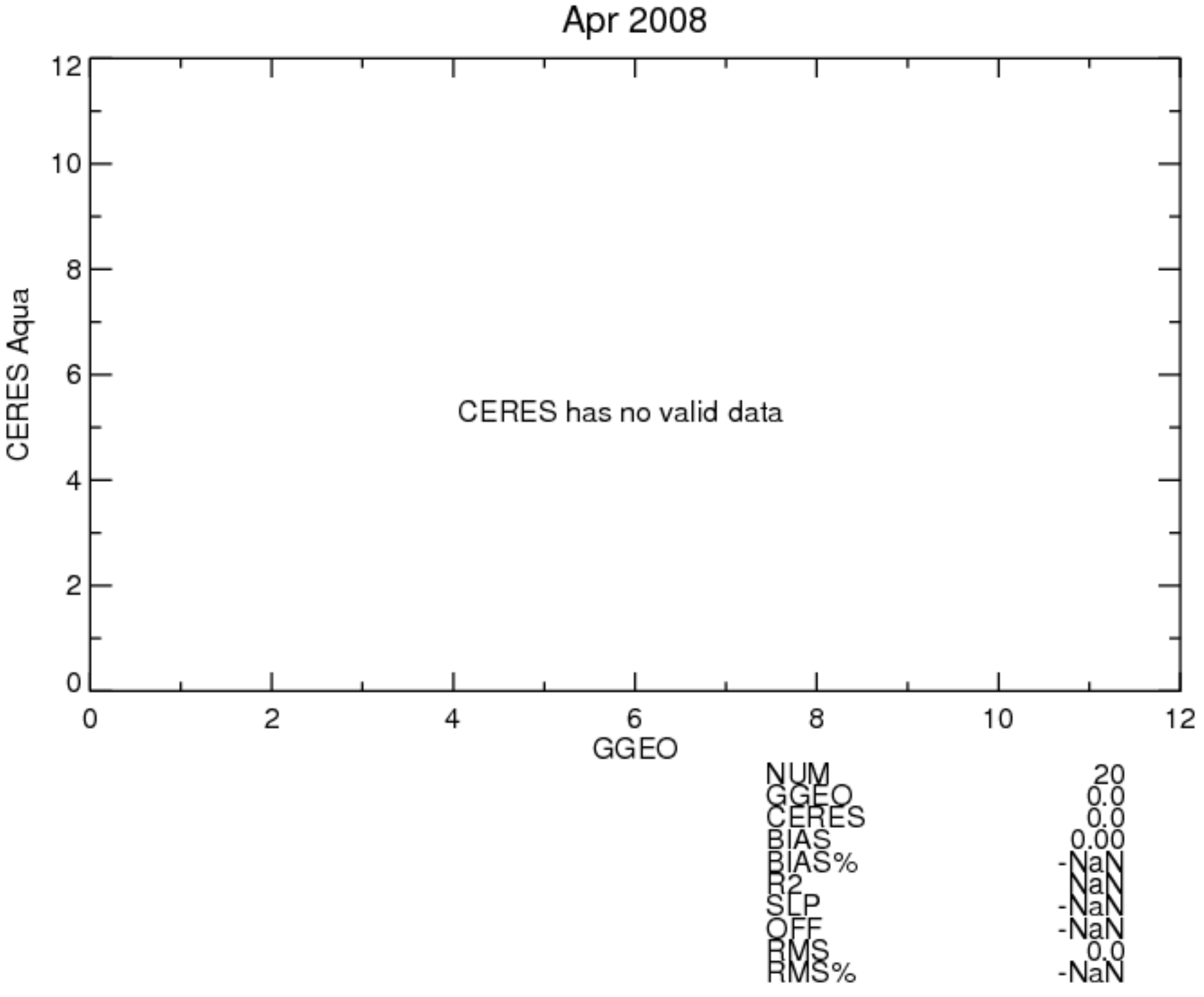

Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
0
10
20
30
40
Frequency
NUM 114893
GGEO 629.0
CERES 606.1
BIAS 22.81
BIAS% 3.76
R2 0.7721
SLP 0.935
OFF 18.00
RMS 108.1
RMS% 17.84

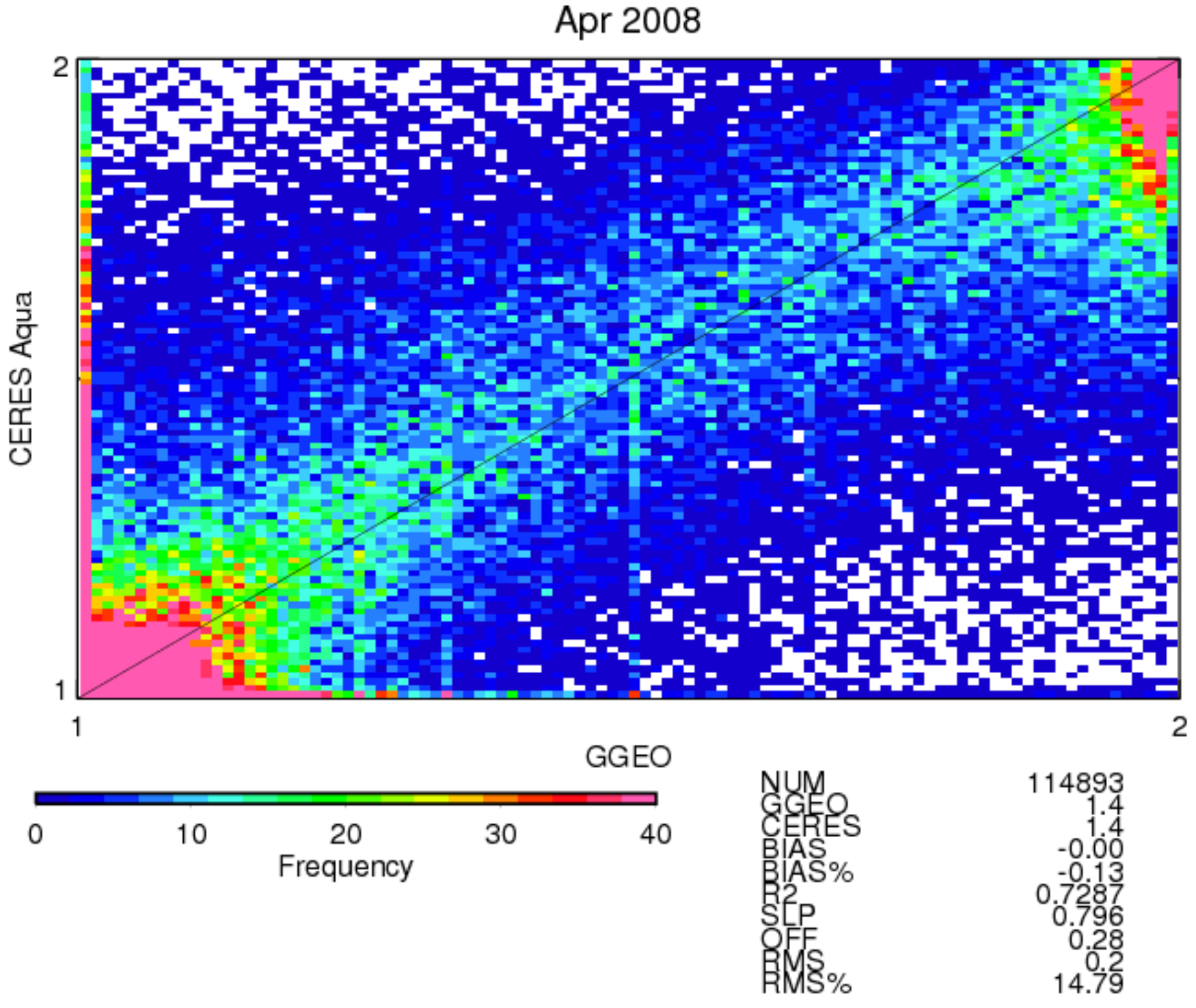

Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
0
10
20
30
40
Frequency
NUM 114893
GGEO 605.5
CERES 592.8
BIAS 12.66
BIAS% 2.13
R2 0.7771
SLP 0.890
OFF 54.22
RMS 110.6
RMS% 18.65

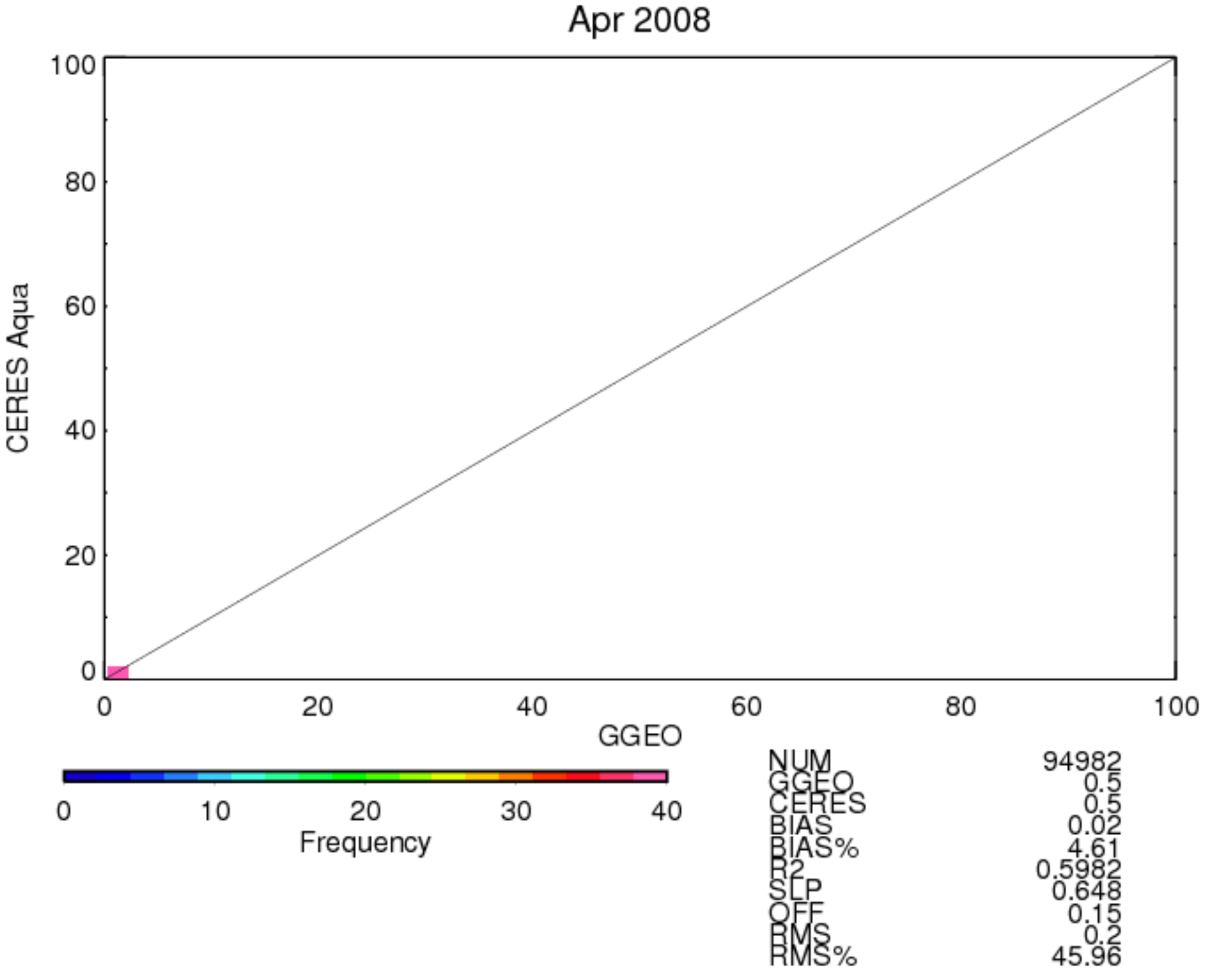

Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
0
10
20
30
40
Frequency
NUM 114893
GGEO 735.3
CERES 722.5
BIAS 12.77
BIAS% 1.77
R2 0.6213
SLP 0.900
OFF 60.86
RMS 112.9
RMS% 15.62

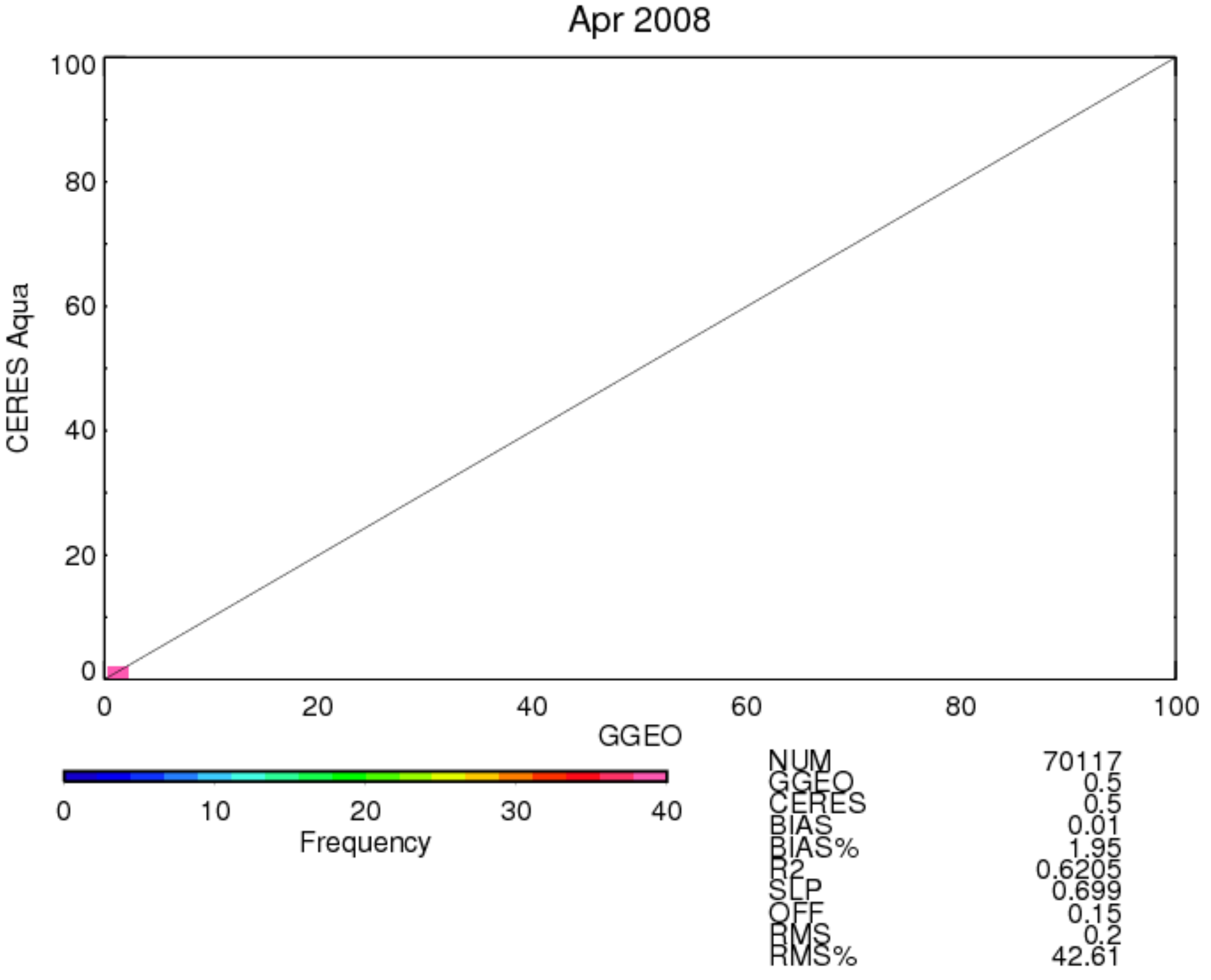

Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
10
12
0
10
20
30
40
Frequency
NUM 114893
GGEO 4.6
CERES 5.0
BIAS -0.47
BIAS% -9.34
R2 0.7482
SLP 0.957
OFF 0.67
RMS 1.8
RMS% 34.76

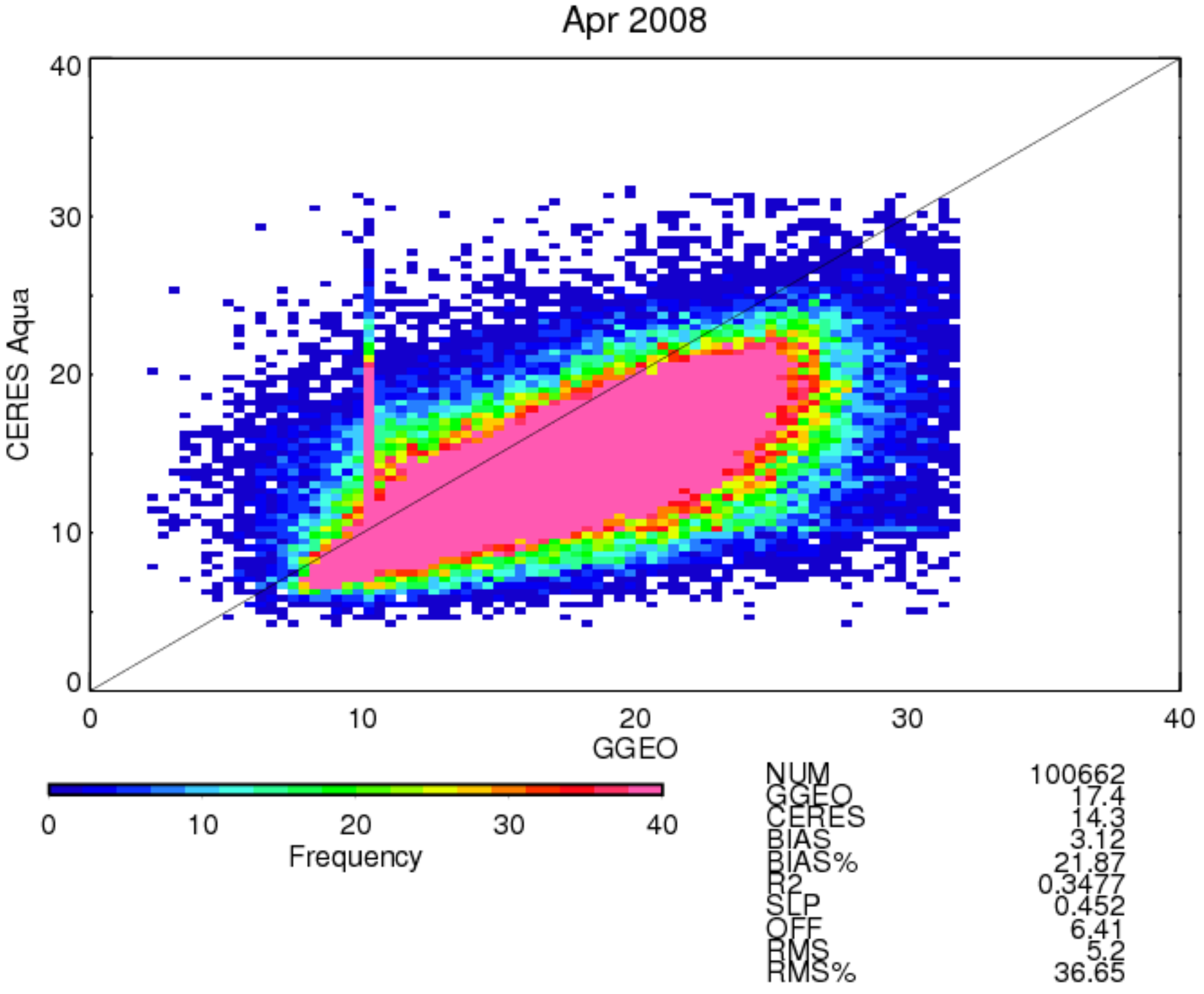

Apr 2008
CERES Aqua
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 114893
GGEO 5.1
CERES 5.3
BIAS -0.25
BIAS% -4.69
R2 0.7543
SLP 0.876
OFF 0.87
RMS 1.8
RMS% 34.21

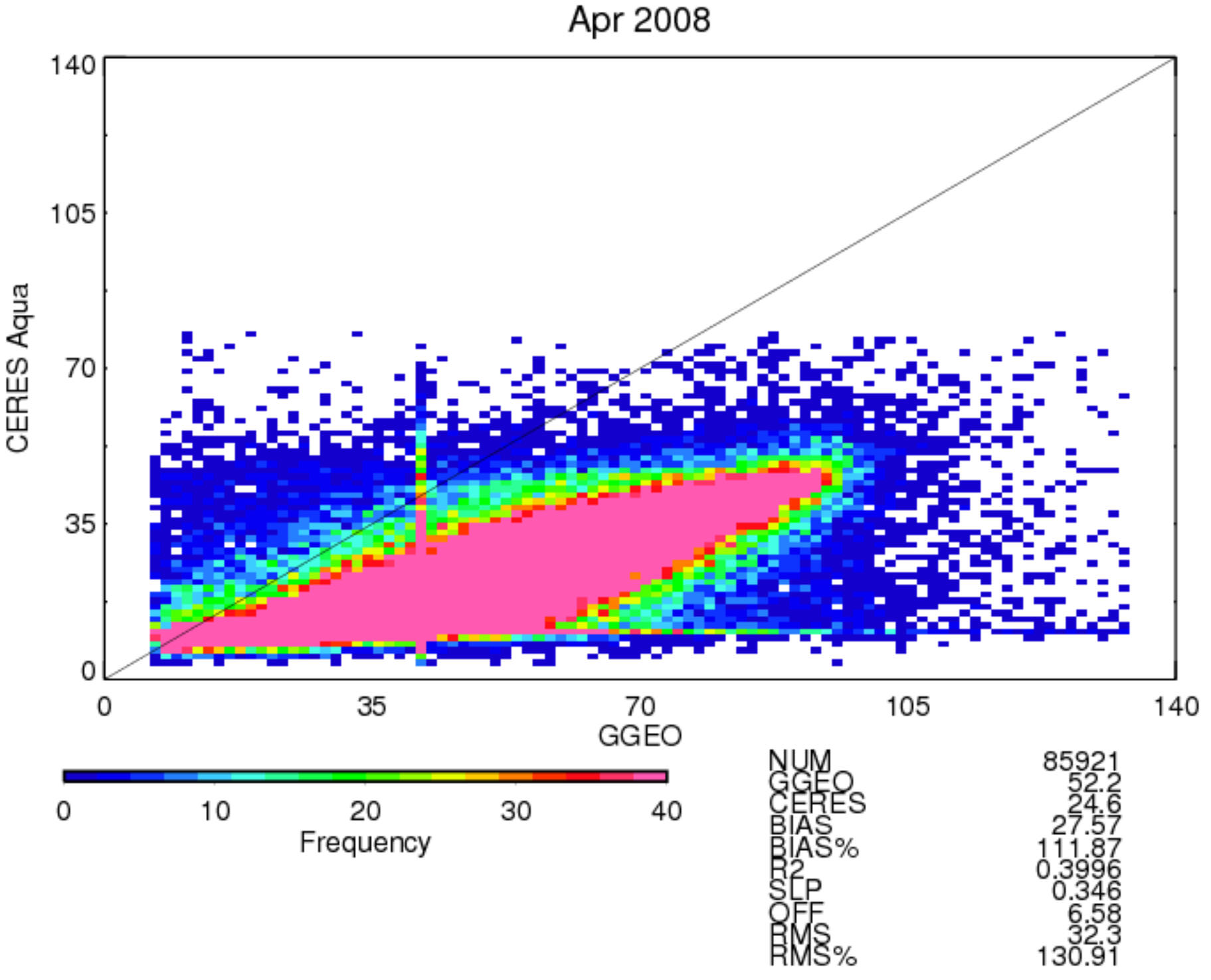

Apr 2008
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 -NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

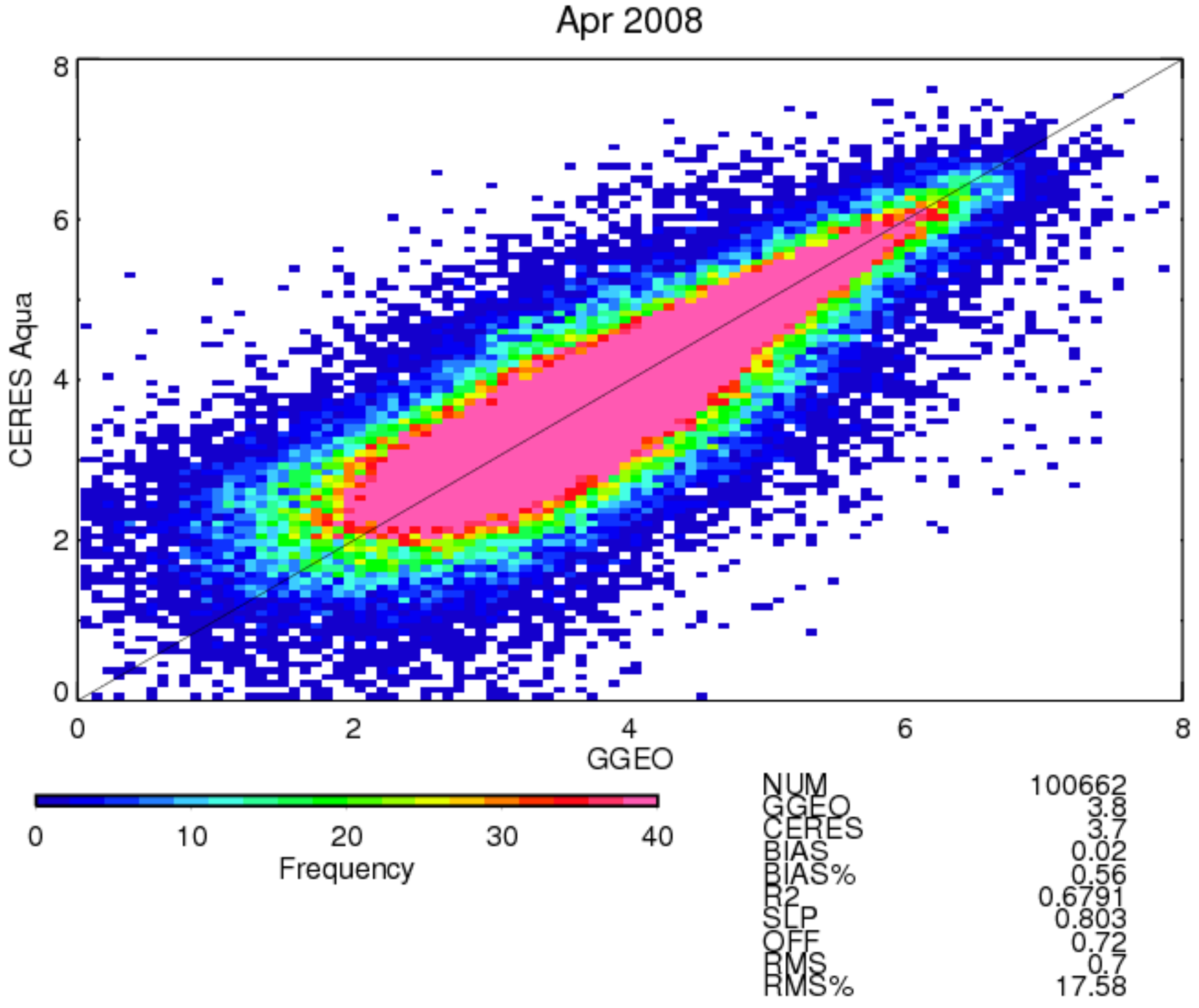

Apr 2008
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 114893
GGEO 1.4
CERES 1.4
BIAS -0.00
BIAS% -0.13
R2 0.7287
SLP 0.796
OFF 0.28
RMS 0.2
RMS% 14.79

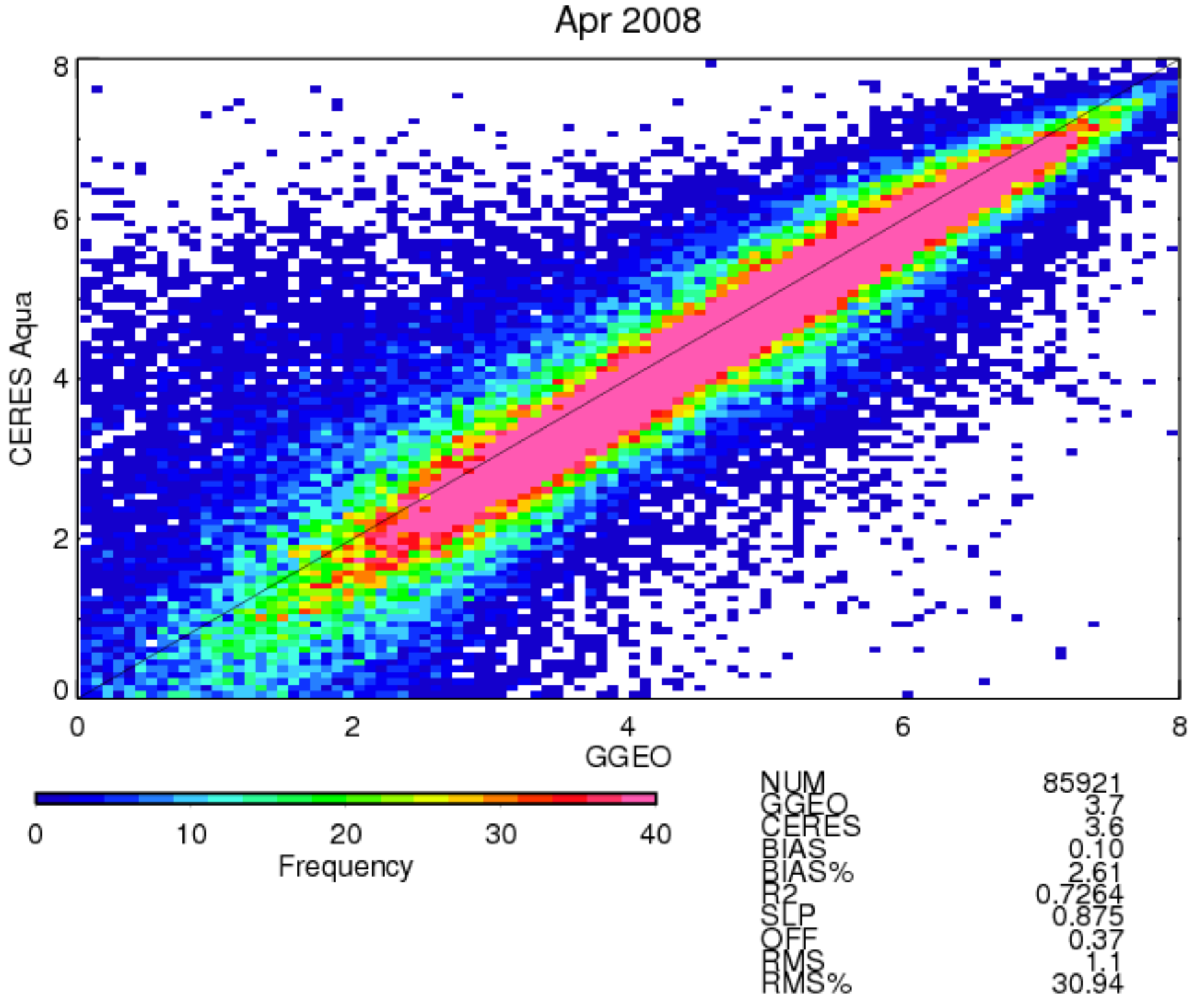

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
0
20
40
60
80
100
NUM 94982
GGEO 0.5
CERES 0.5
BIAS 0.02
BIAS% 4.61
R2 0.5982
SLP 0.648
OFF 0.15
RMS 0.2
RMS% 45.96

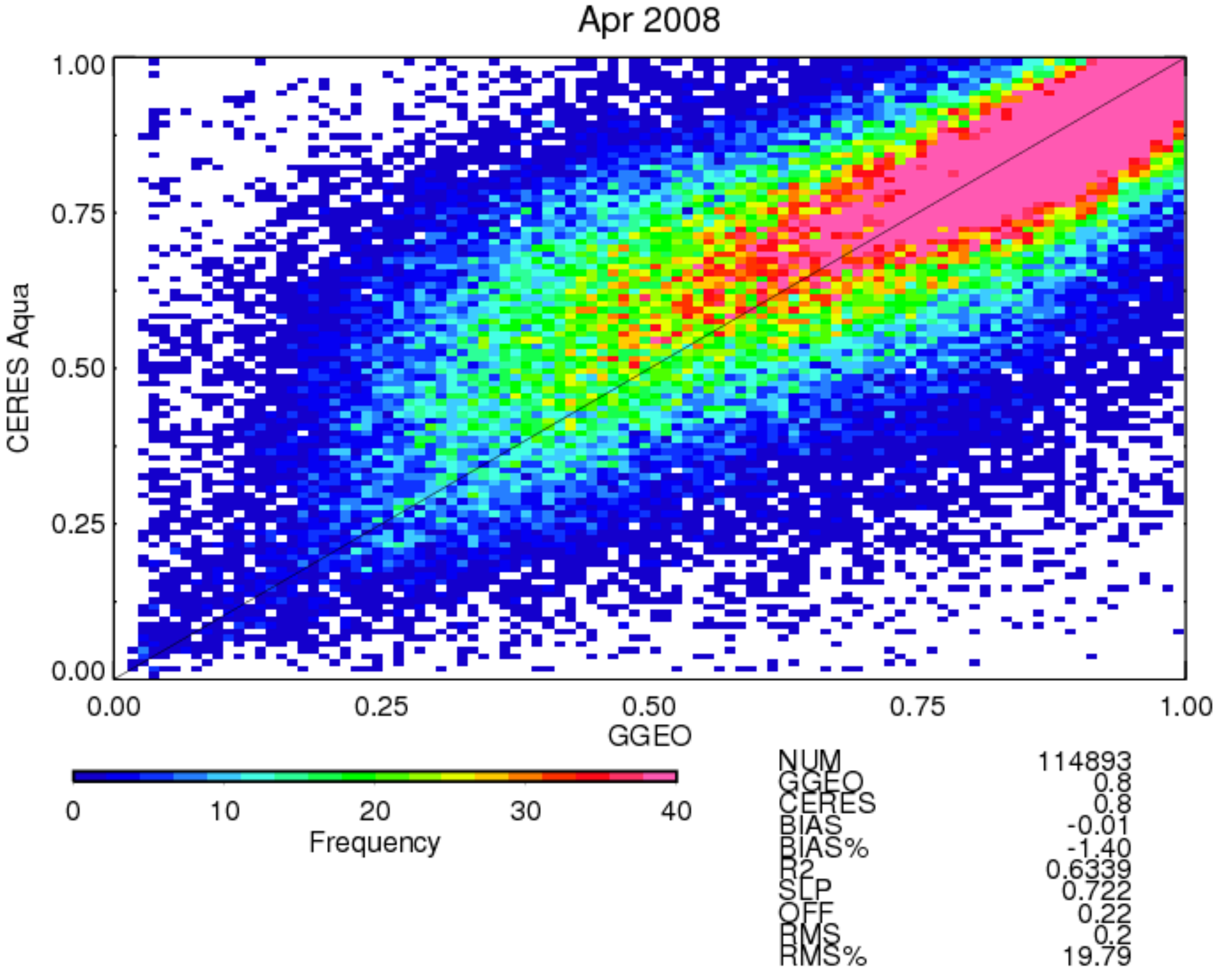

Apr 2008
CERES Aqua
GGEO
Frequency
0
20
40
60
80
100
0
10
20
30
40
NUM 70117
GGEO 0.5
CERES 0.5
BIAS 0.01
BIAS% 1.95
R2 0.6205
SLP 0.699
OFF 0.15
RMS 0.2
RMS% 42.61

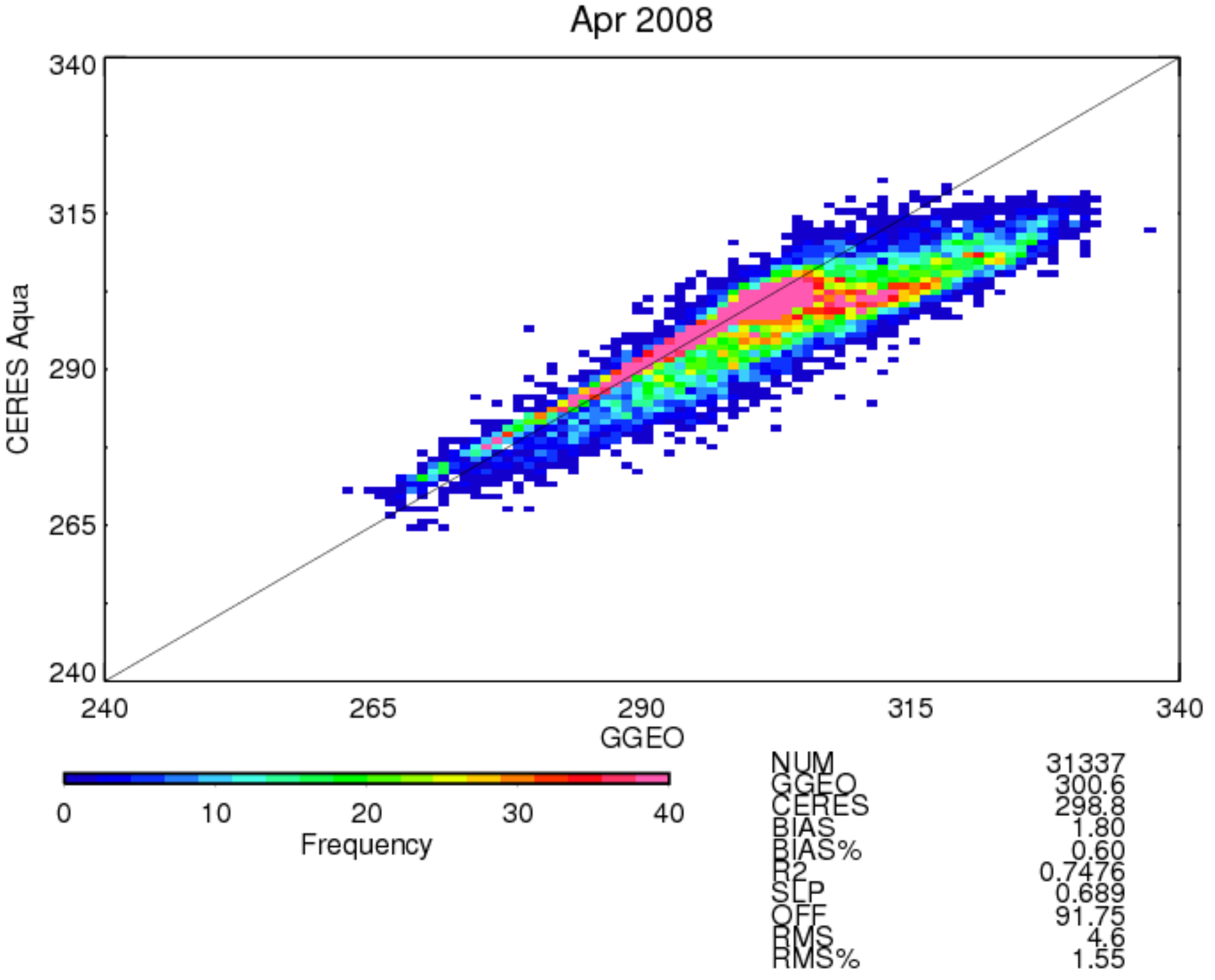

Apr 2008
CERES Aqua
GGEO
0
10
20
30
40
Frequency
NUM 100662
GGEO 17.4
CERES 14.3
BIAS 3.12
BIAS% 21.87
R2 0.3477
SLP 0.452
OFF 6.41
RMS 5.2
RMS% 36.65

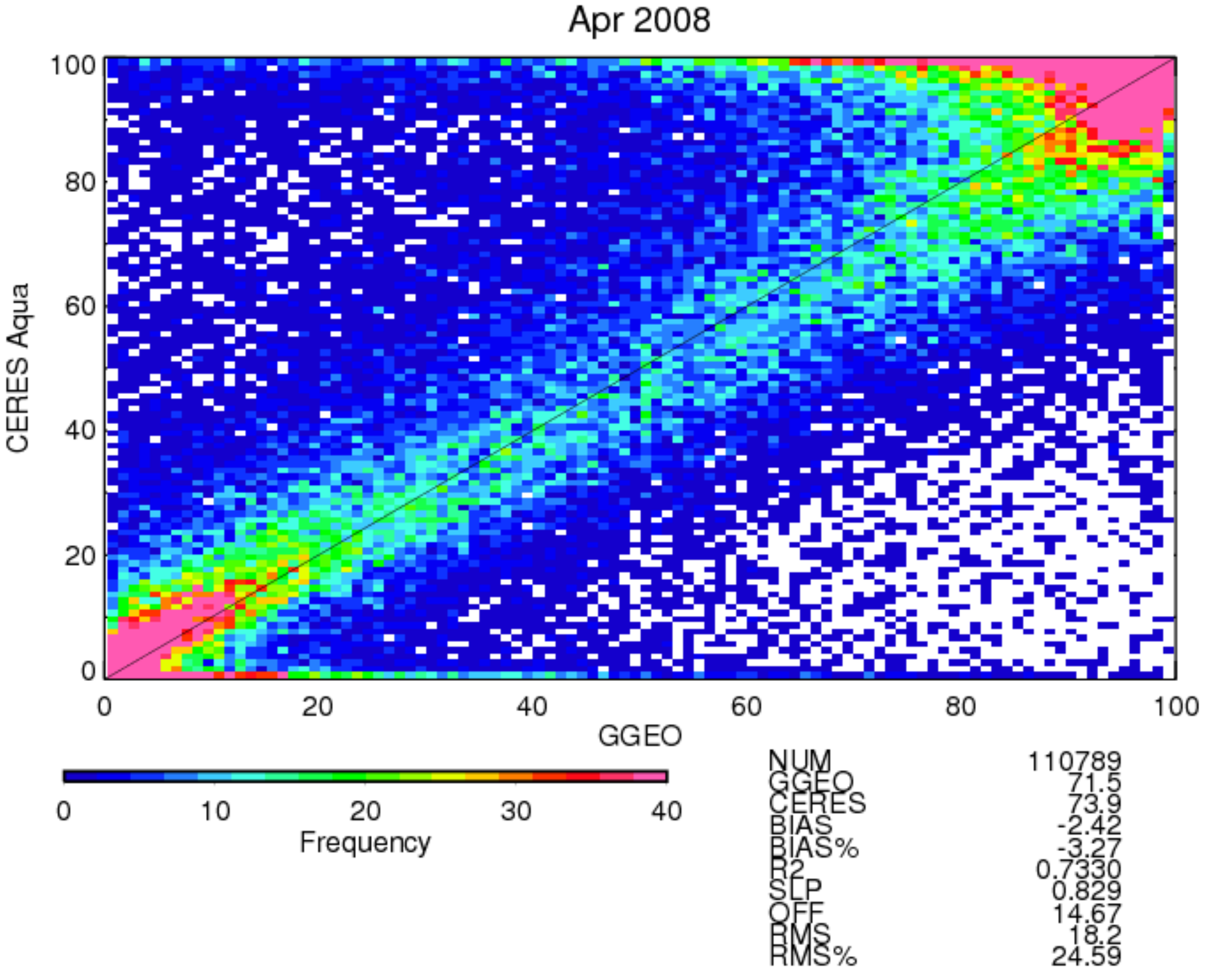

Apr 2008
CERES Aqua
140
105
70
35
0
0
35
70
105
140
GGEO
0
10
20
30
40
Frequency
NUM 85921
GGEO 52.2
CERES 24.6
BIAS 27.57
BIAS% 111.87
R2 0.3996
SLP 0.346
OFF 6.58
RMS 32.3
RMS% 130.91

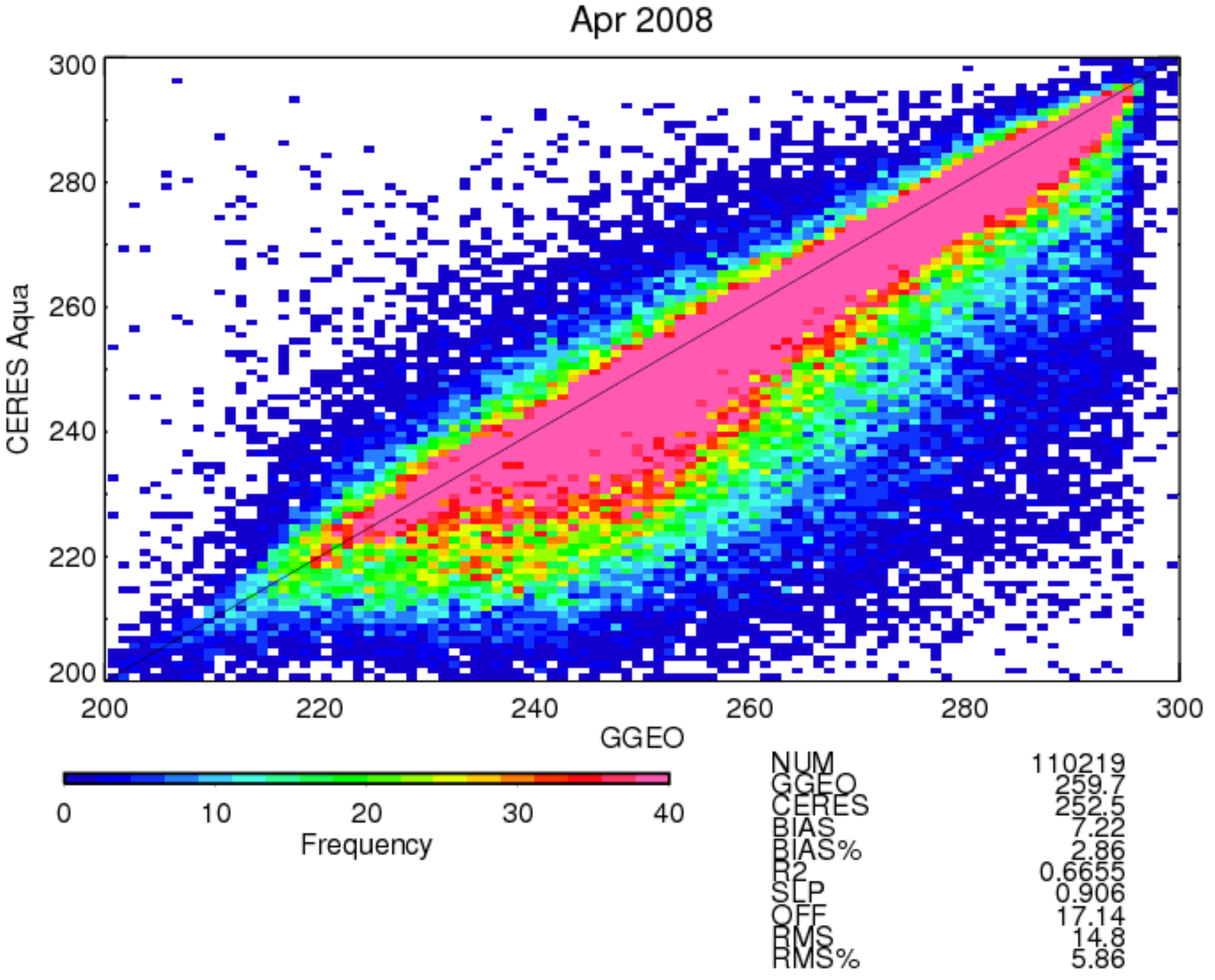

Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 100662
GGEO 3.8
CERES 3.7
BIAS 0.02
BIAS% 0.56
R2 0.6791
SLP 0.803
OFF 0.72
RMS 0.7
RMS% 17.58

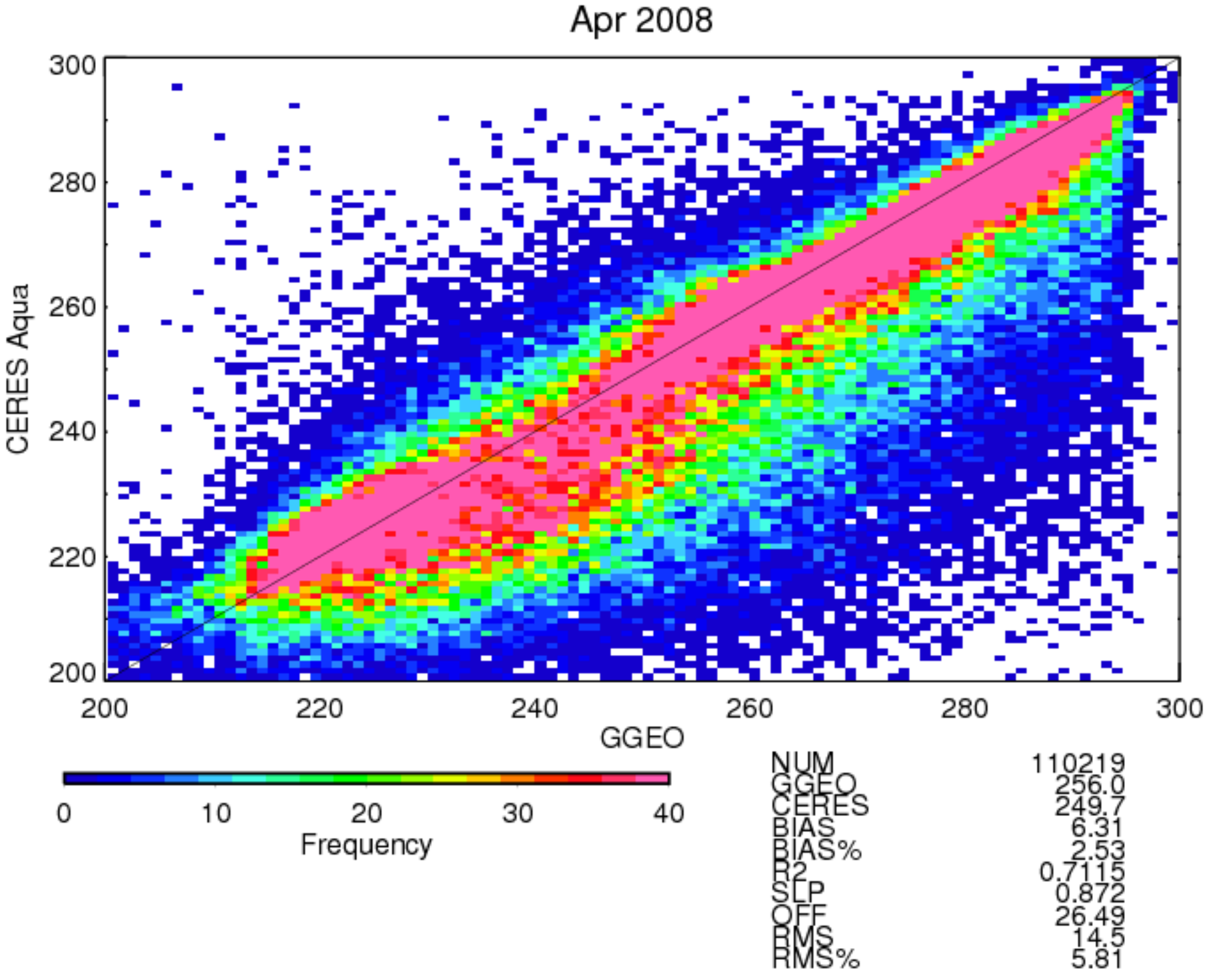

Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 85921
GGEO 3.7
CERES 3.6
BIAS 0.10
BIAS% 2.61
R2 0.7264
SLP 0.875
OFF 0.37
RMS 1.1
RMS% 30.94

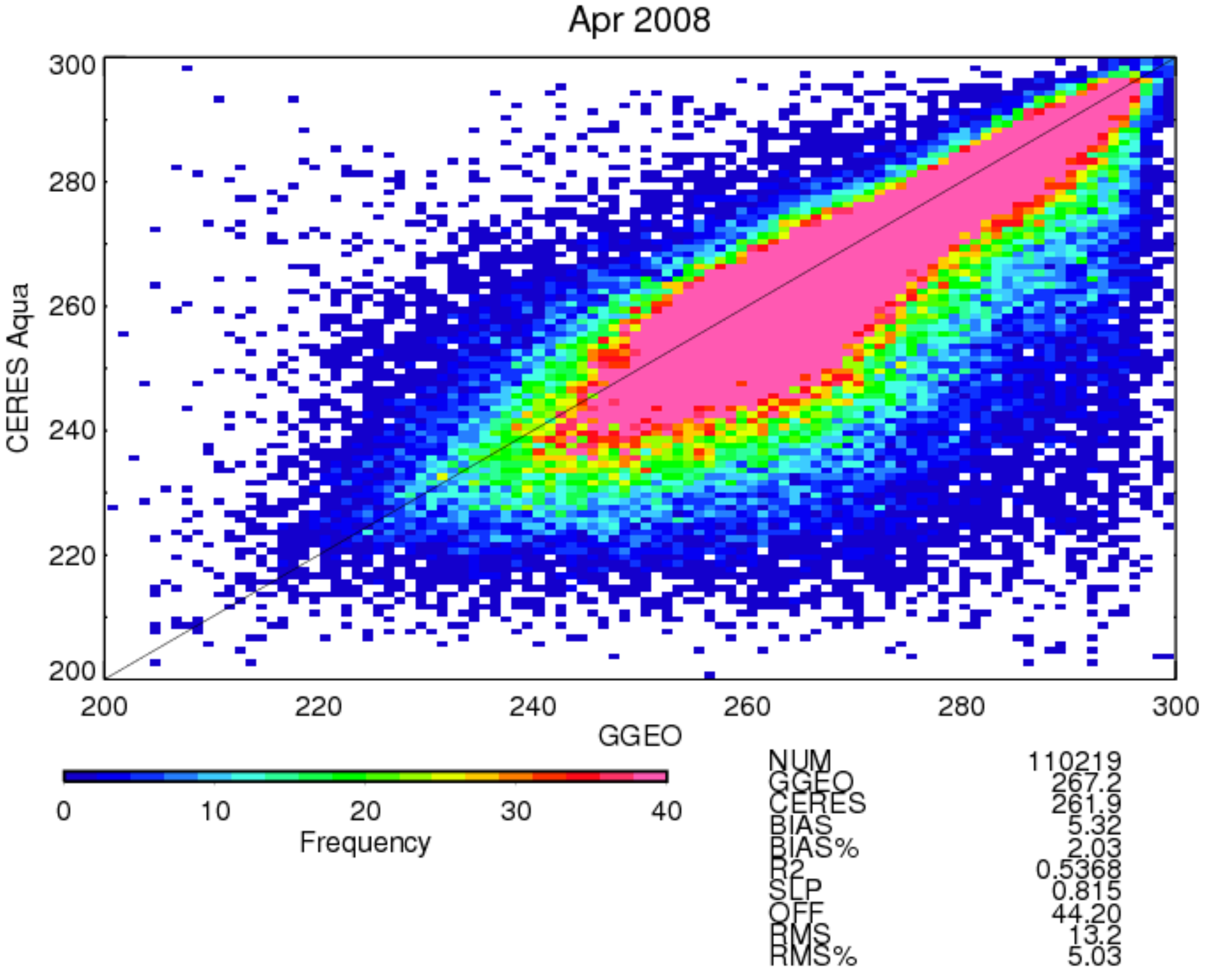

Apr 2008
CERES Aqua
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
GGEO
0
10
20
30
40
Frequency
NUM 114893
GGEO 0.8
CERES 0.8
BIAS -0.01
BIAS% -1.40
R2 0.6339
SLP 0.722
OFF 0.22
RMS 0.2
RMS% 19.79

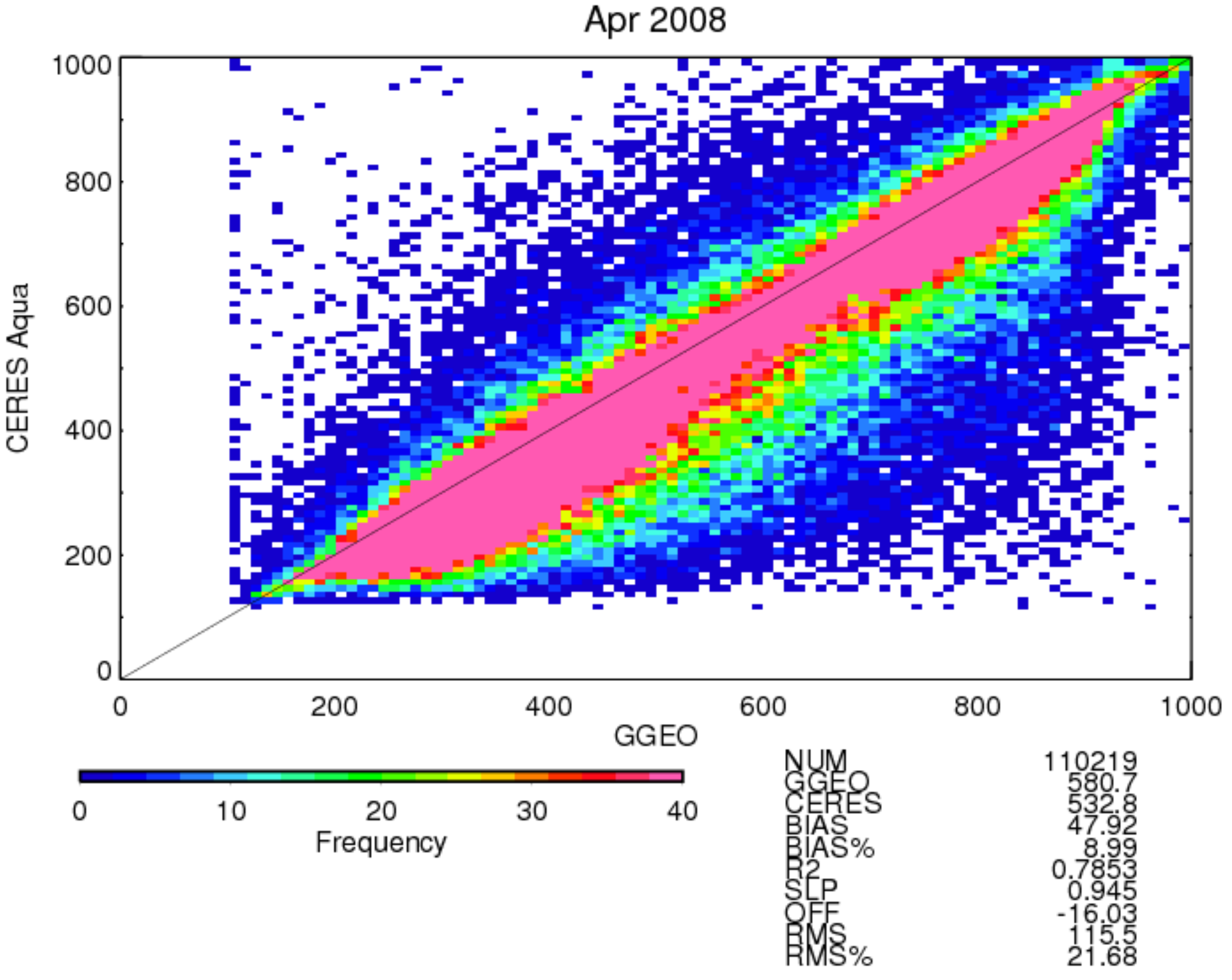

Apr 2008
CERES Aqua
340
315
290
265
240
240
265
290
315
340
GGEO
0
10
20
30
40
Frequency
NUM 31337
GGEO 300.6
CERES 298.8
BIAS 1.80
BIAS% 0.60
R2 0.7476
SLP 0.689
OFF 91.75
RMS 4.6
RMS% 1.55

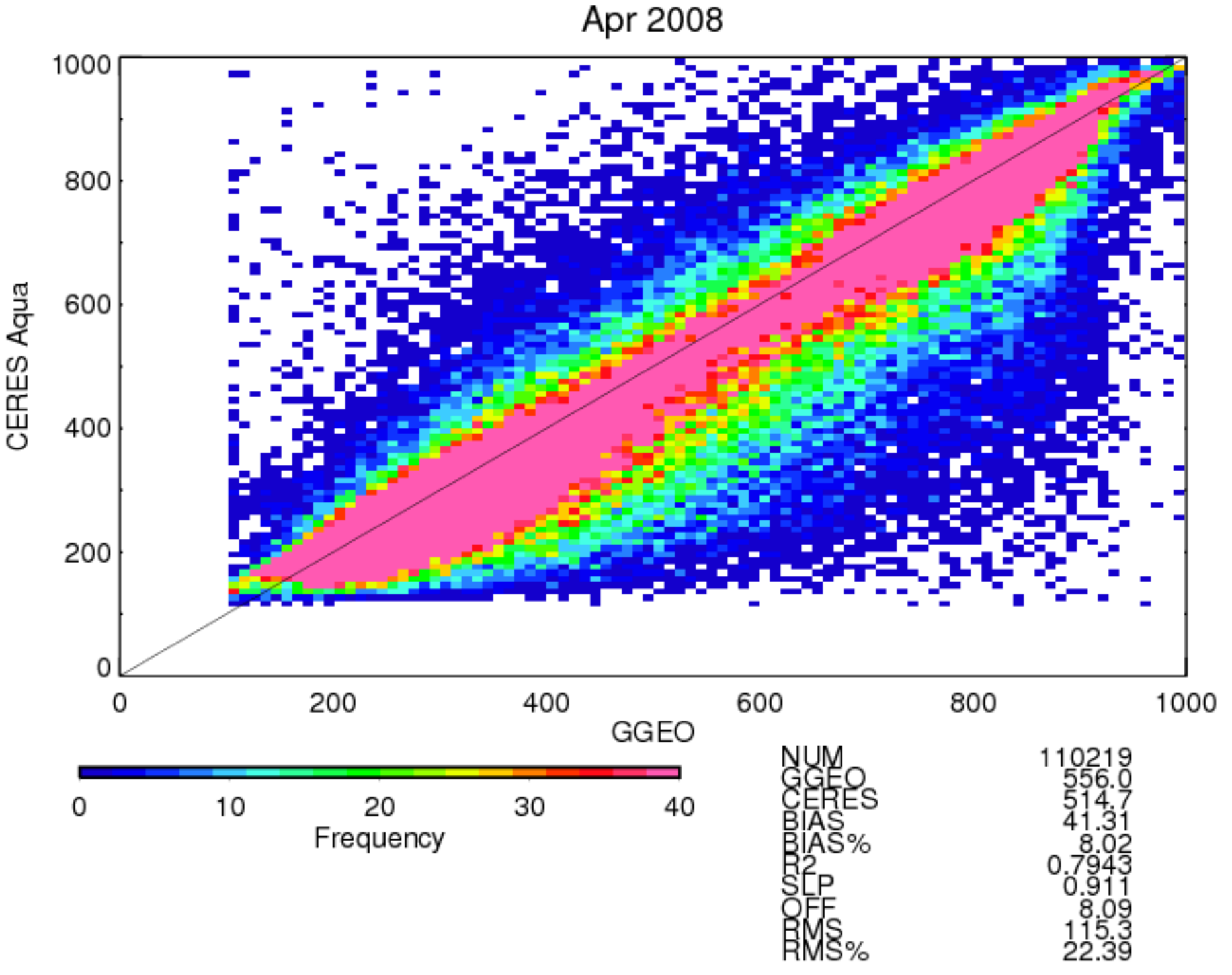

Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
0
20
40
60
80
100
NUM 110789
GGEO 71.5
CERES 73.9
BIAS -2.42
BIAS% -3.27
R2 0.7330
SLP 0.829
OFF 14.67
RMS 18.2
RMS% 24.59

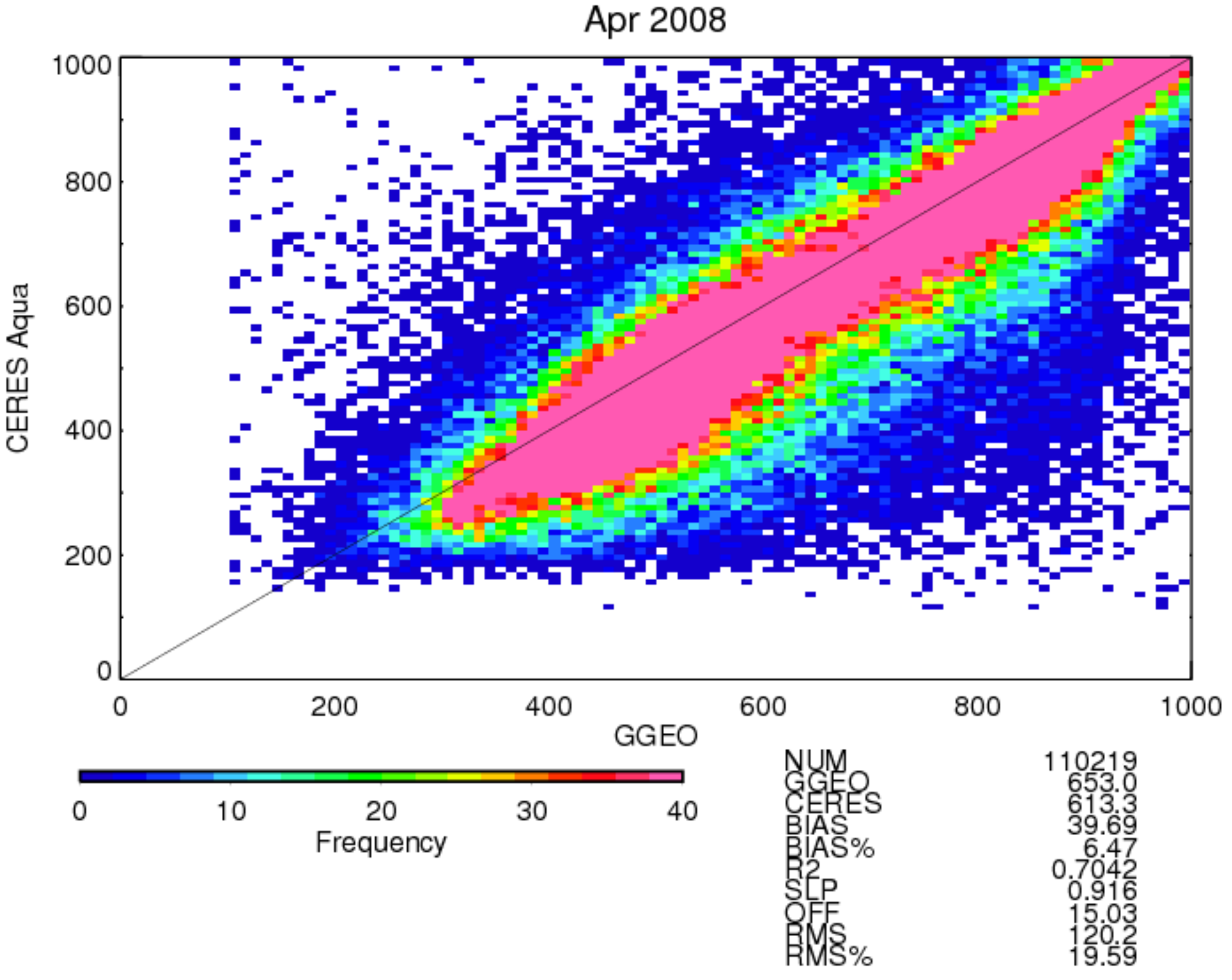

Apr 2008
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 110219
GGEO 259.7
CERES 252.5
BIAS 7.22
BIAS% 2.86
R2 0.6655
SLP 0.906
OFF 17.14
RMS 14.8
RMS% 5.86

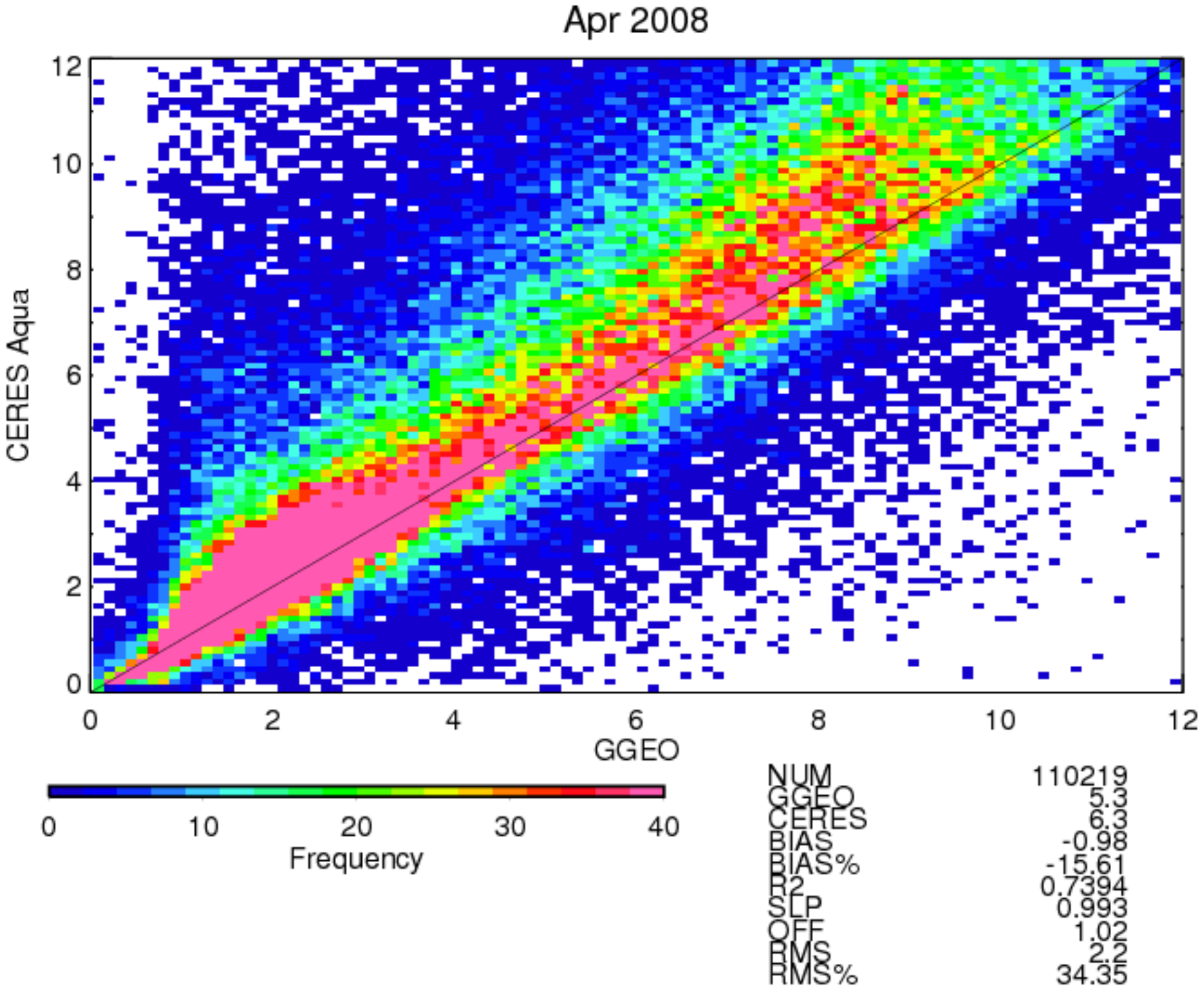

Apr 2008
CERES Aqua
GGEO
300
280
260
240
220
200
200
220
240
260
280
300
0
10
20
30
40
Frequency
NUM 110219
GGEO 256.0
CERES 249.7
BIAS 6.31
BIAS% 2.53
R2 0.7115
SLP 0.872
OFF 26.49
RMS 14.5
RMS% 5.81

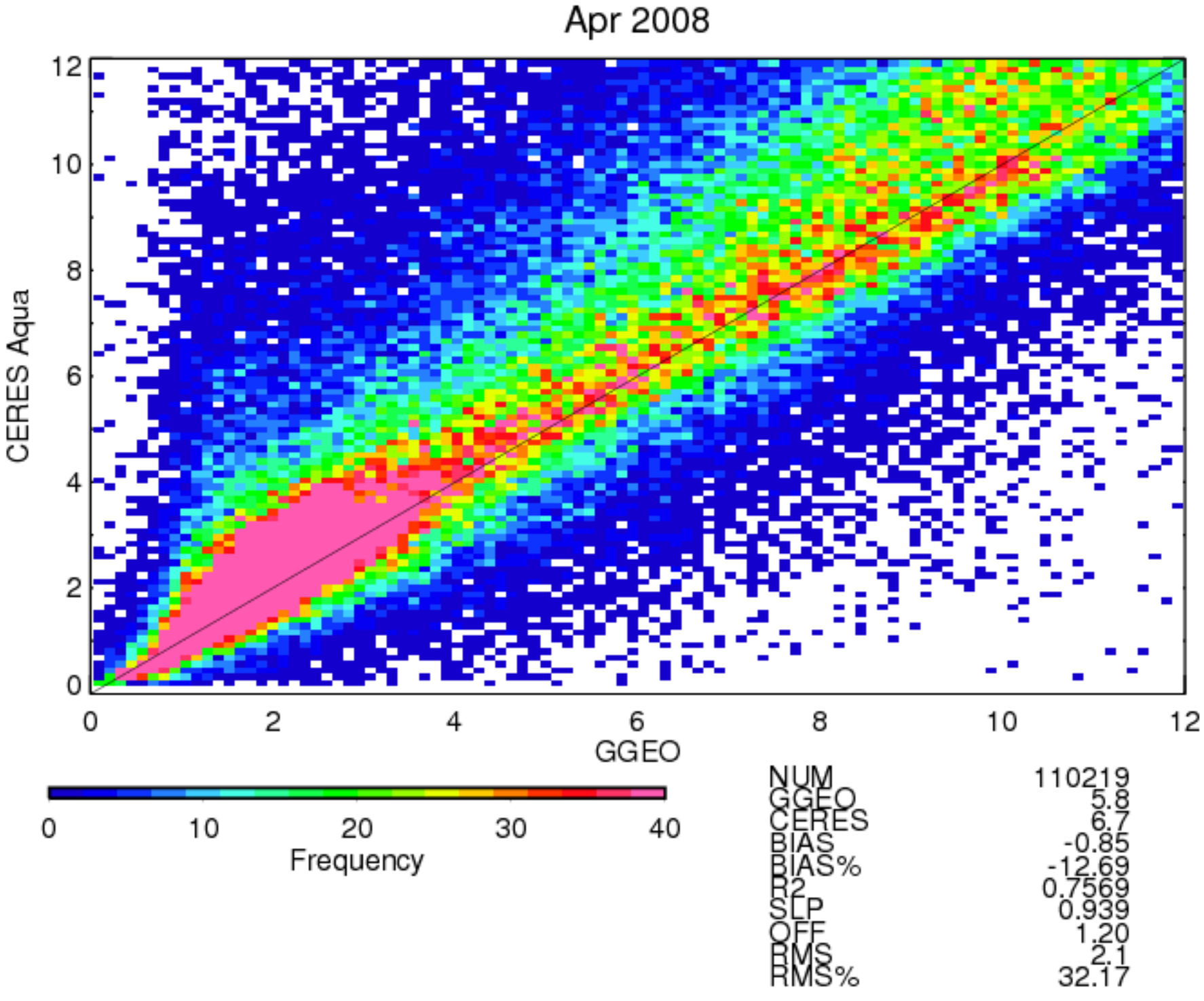

Apr 2008
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 110219
GGEO 267.2
CERES 261.9
BIAS 5.32
BIAS% 2.03
R2 0.5368
SLP 0.815
OFF 44.20
RMS 13.2
RMS% 5.03

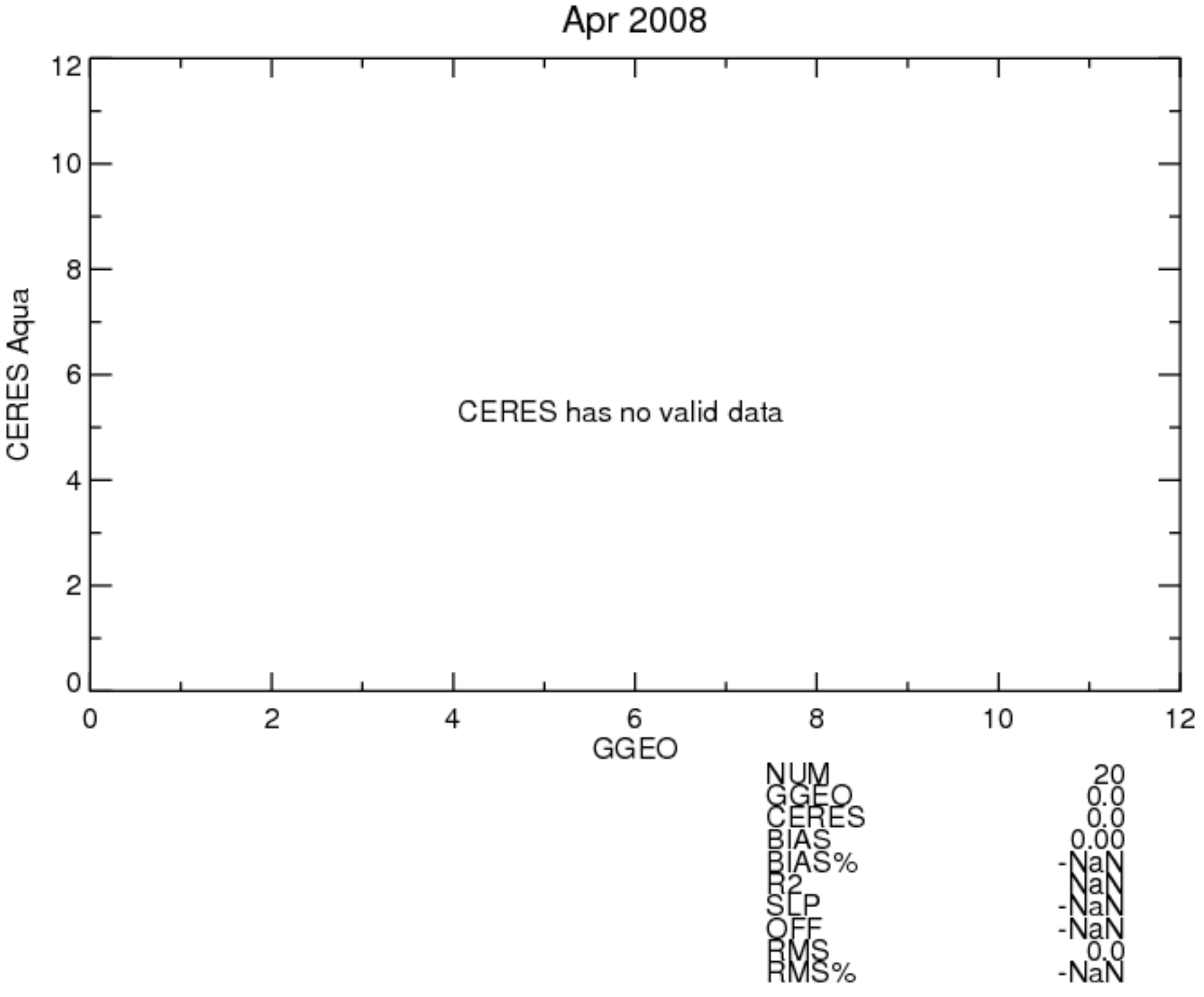

Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
0
10
20
30
40
Frequency
NUM 110219
GGEO 580.7
CERES 532.8
BIAS 47.92
BIAS% 8.99
R2 0.7853
SLP 0.945
OFF -16.03
RMS 115.5
RMS% 21.68

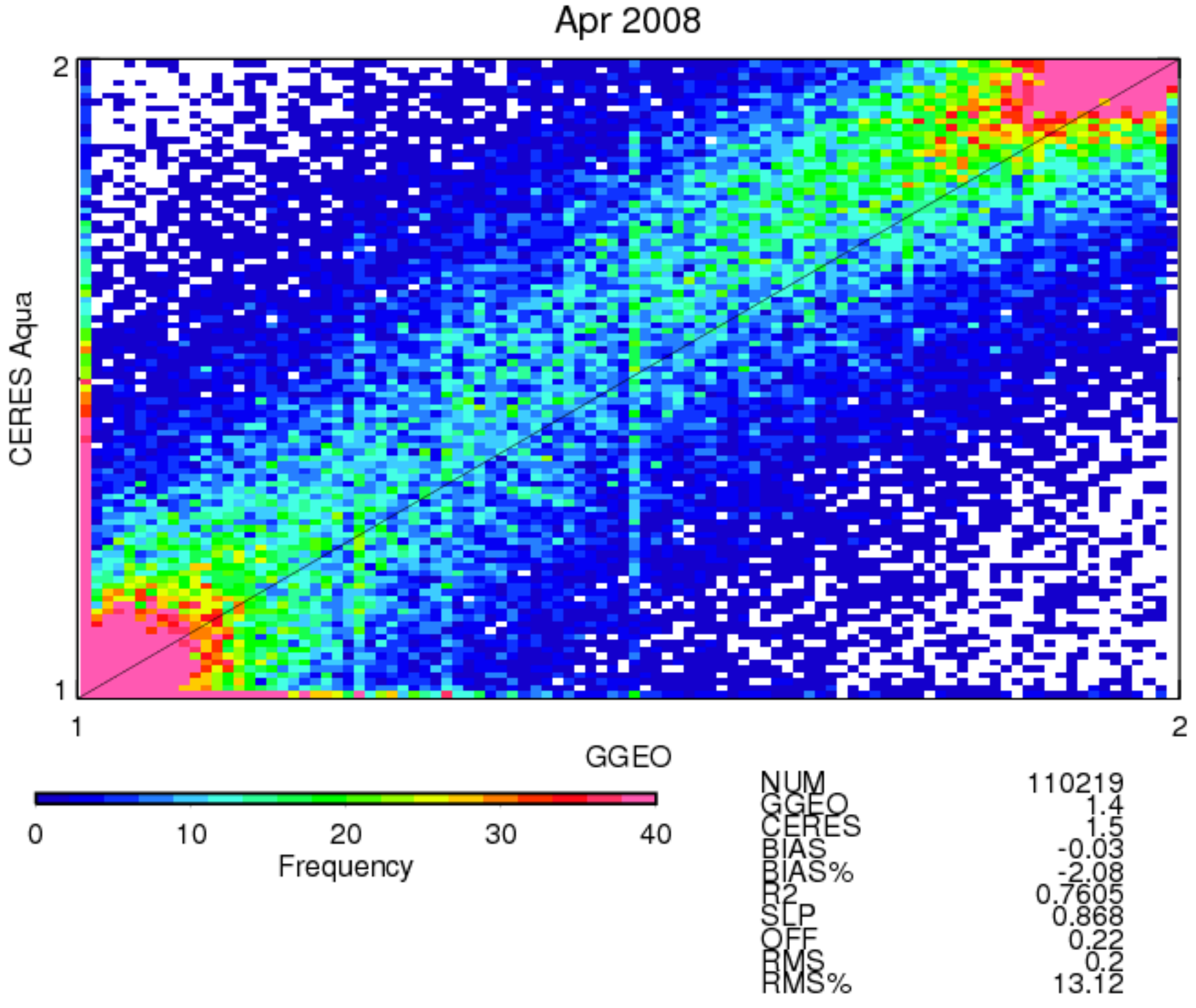

Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
0
10
20
30
40
Frequency
NUM 110219
GGEO 556.0
CERES 514.7
BIAS 41.31
BIAS% 8.02
R2 0.7943
SLP 0.911
OFF 8.09
RMS 115.3
RMS% 22.39

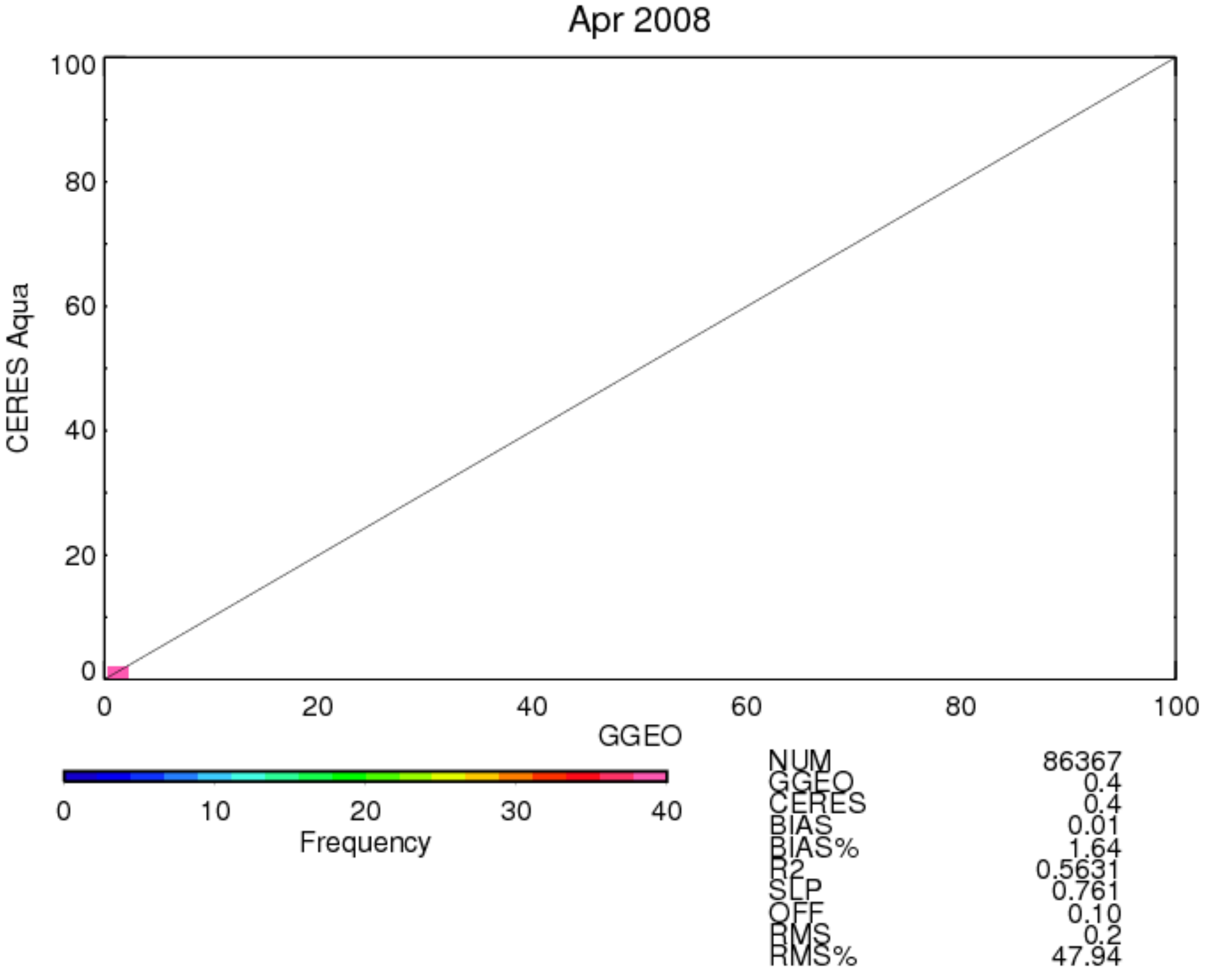

Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
0
10
20
30
40
Frequency
NUM 110219
GGEO 653.0
CERES 613.3
BIAS 39.69
BIAS% 6.47
R2 0.7042
SLP 0.916
OFF 15.03
RMS 120.2
RMS% 19.59

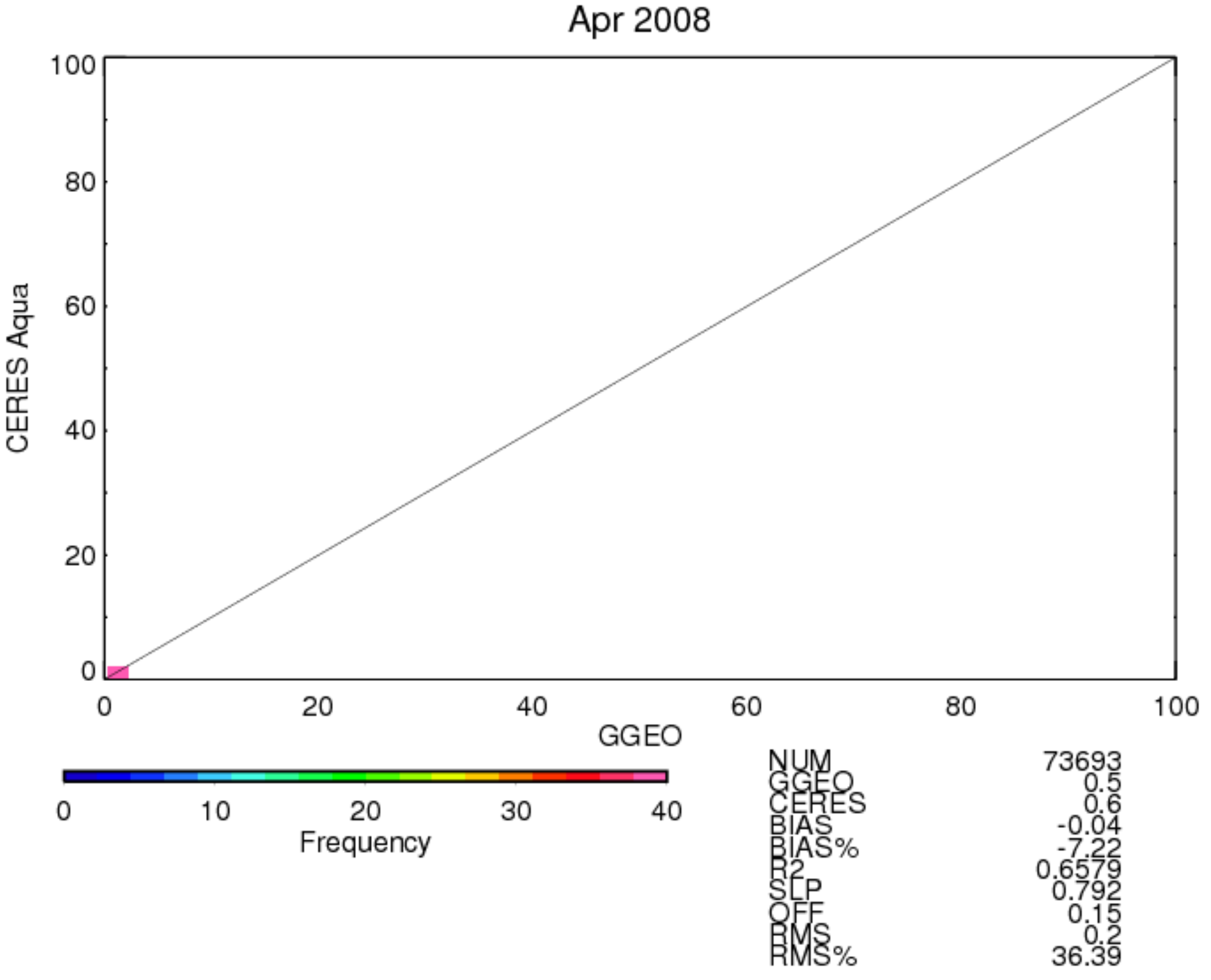

Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
10
12
0
10
20
30
40
Frequency
NUM 110219
GGEO 5.3
CERES 6.3
BIAS -0.98
BIAS% -15.61
R2 0.7394
SLP 0.993
OFF 1.02
RMS 2.2
RMS% 34.35

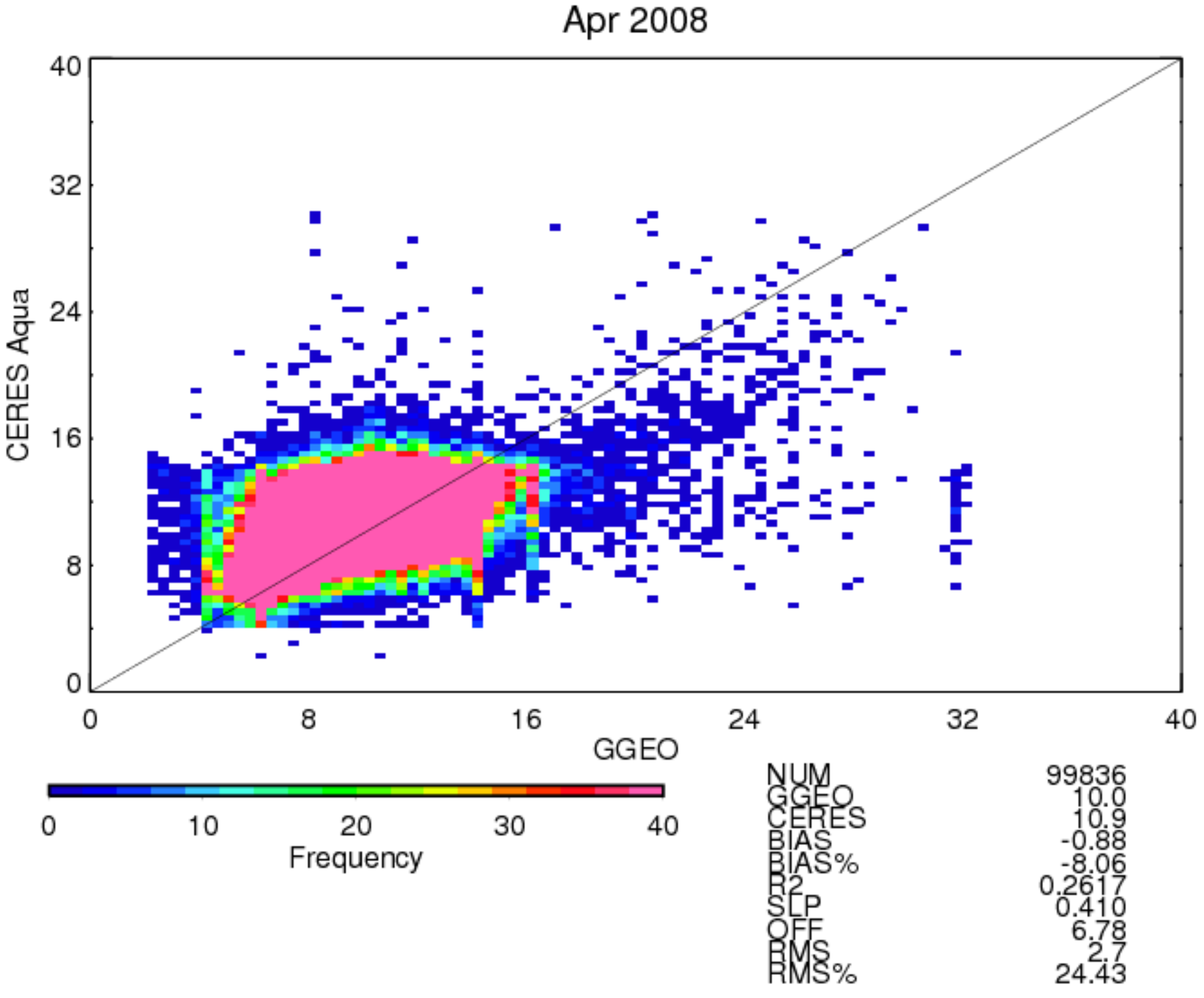

Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
10
12
0
10
20
30
40
Frequency
NUM 110219
GGEO 5.8
CERES 6.7
BIAS -0.85
BIAS% -12.69
R2 0.7569
SLP 0.939
OFF 1.20
RMS 2.1
RMS% 32.17

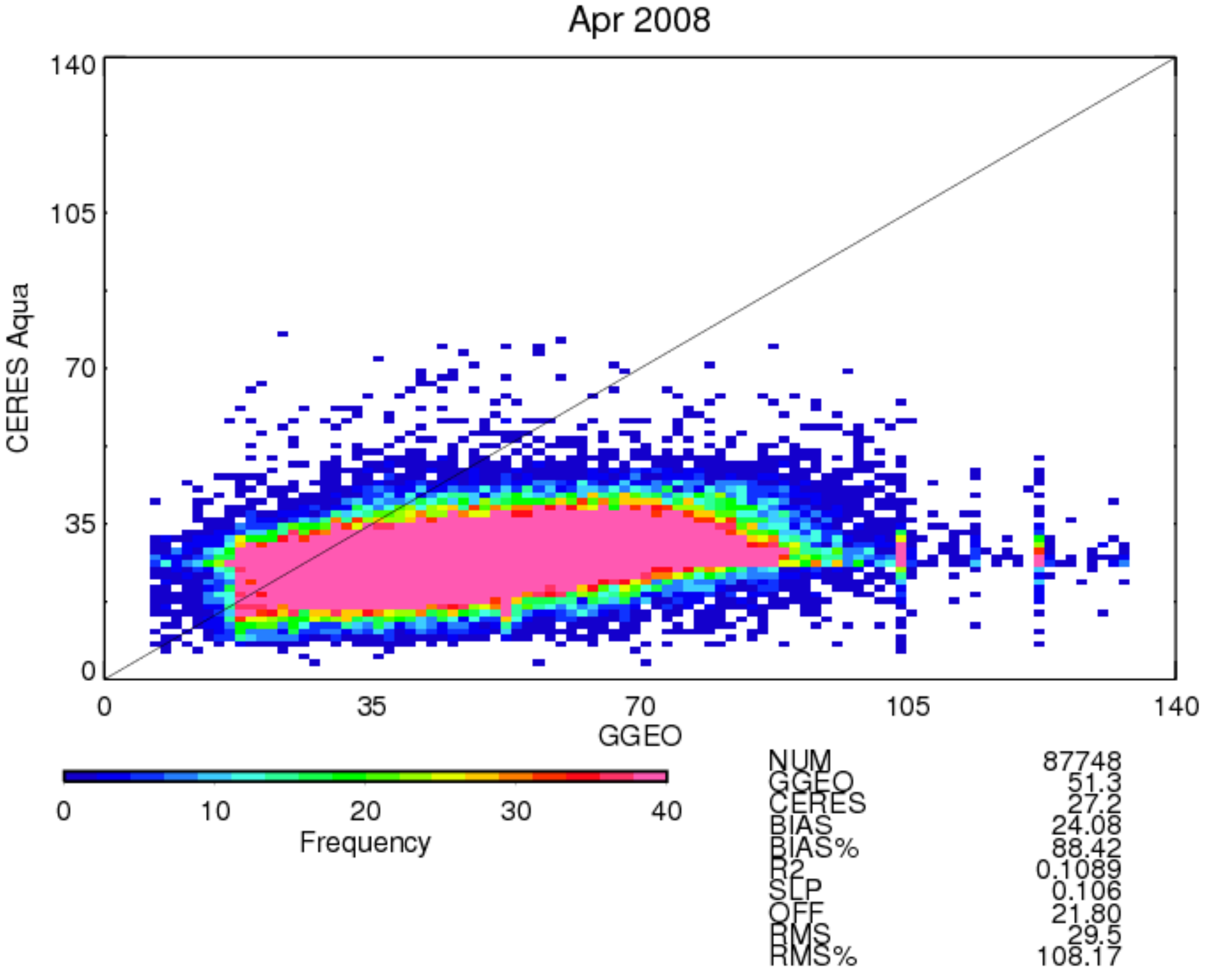

Apr 2008
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 -NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

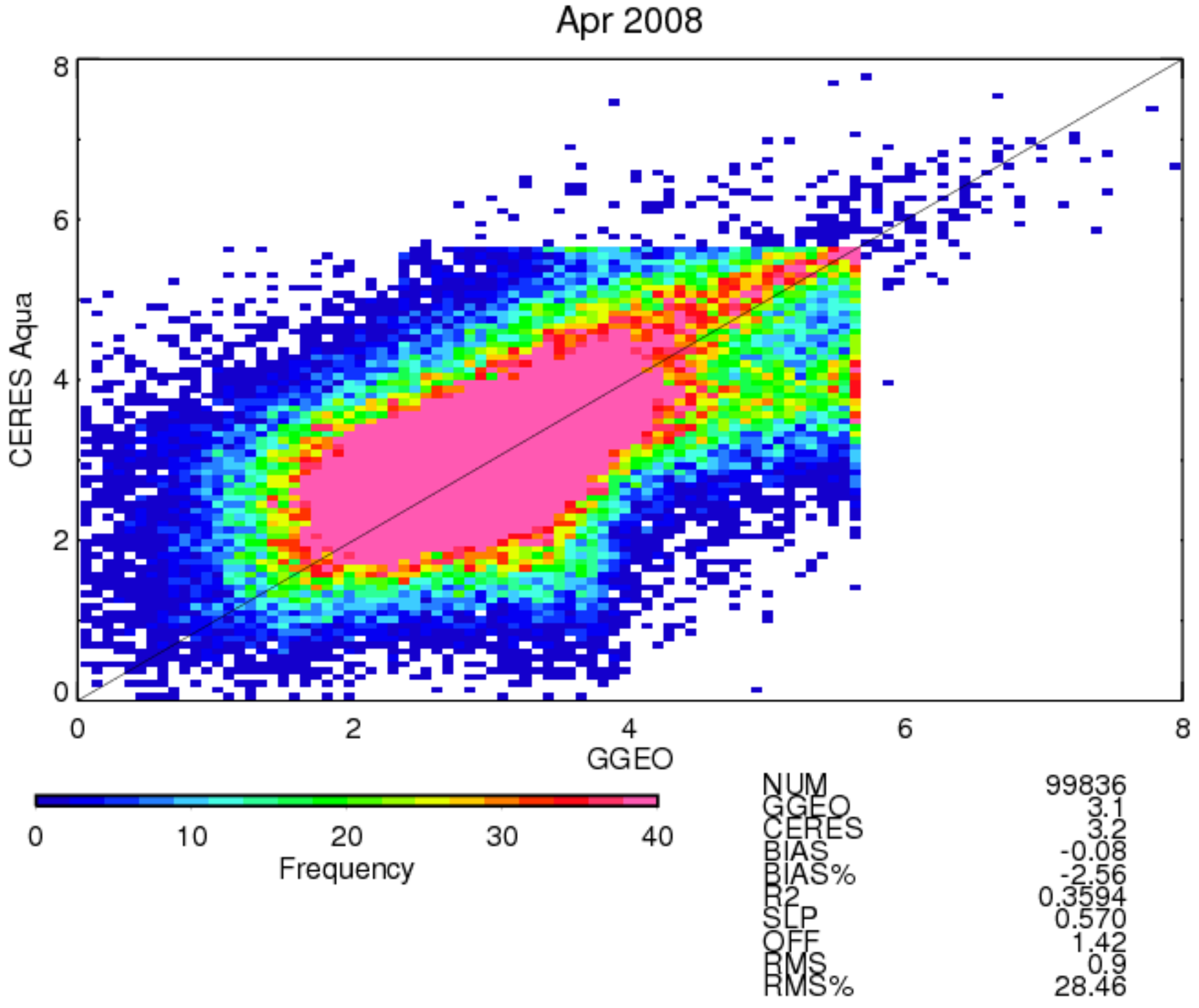

Apr 2008
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 110219
GGEO 1.4
CERES 1.5
BIAS -0.03
BIAS% -2.08
R2 0.7605
SLP 0.868
OFF 0.22
RMS 0.2
RMS% 13.12

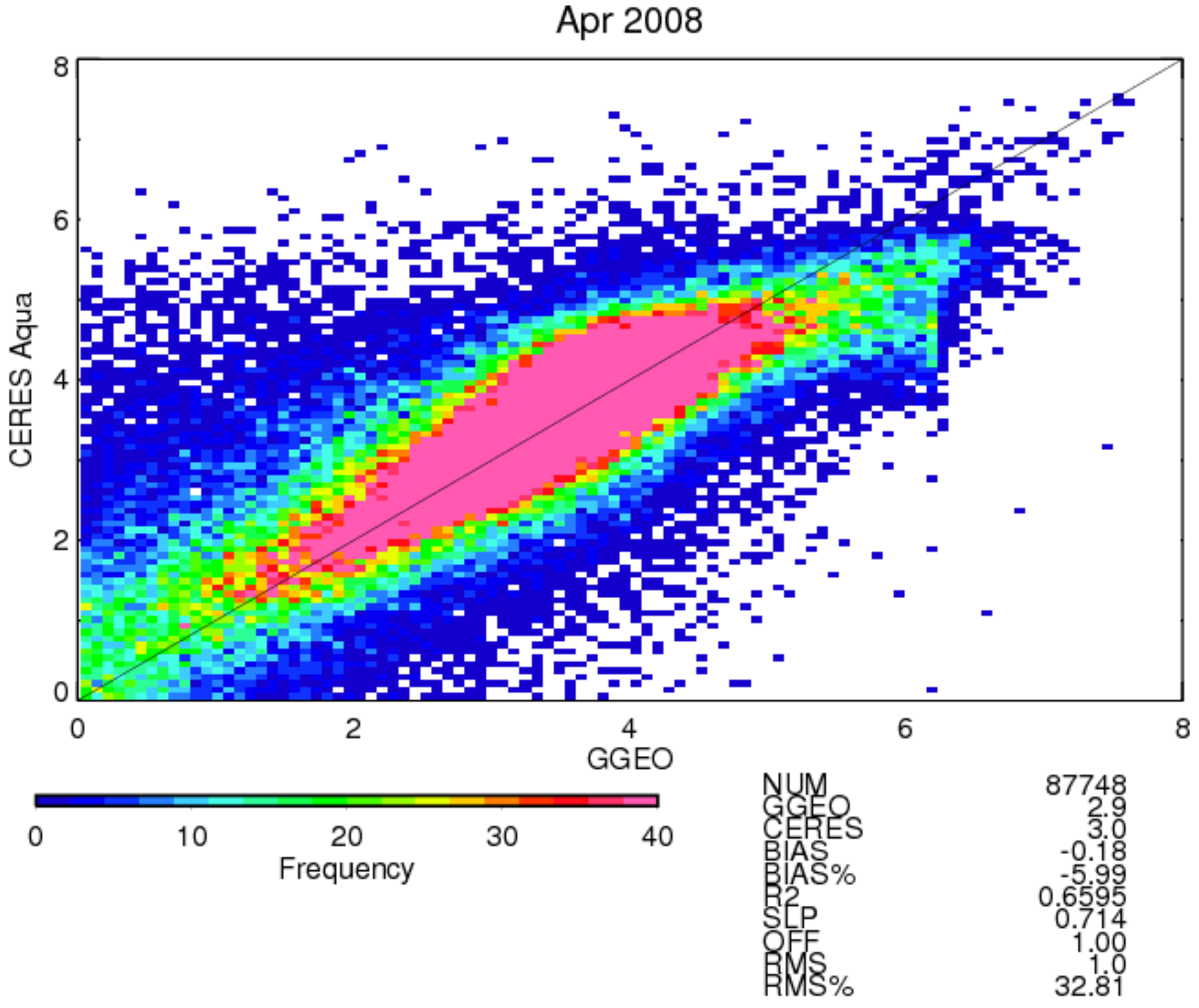

Apr 2008
CERES Aqua
100
80
60
40
20
0
0
20
40
60
80
100
GGEO
0
10
20
30
40
Frequency
NUM 86367
GGEO 0.4
CERES 0.4
BIAS 0.01
BIAS% 1.64
R2 0.5631
SLP 0.761
OFF 0.10
RMS 0.2
RMS% 47.94

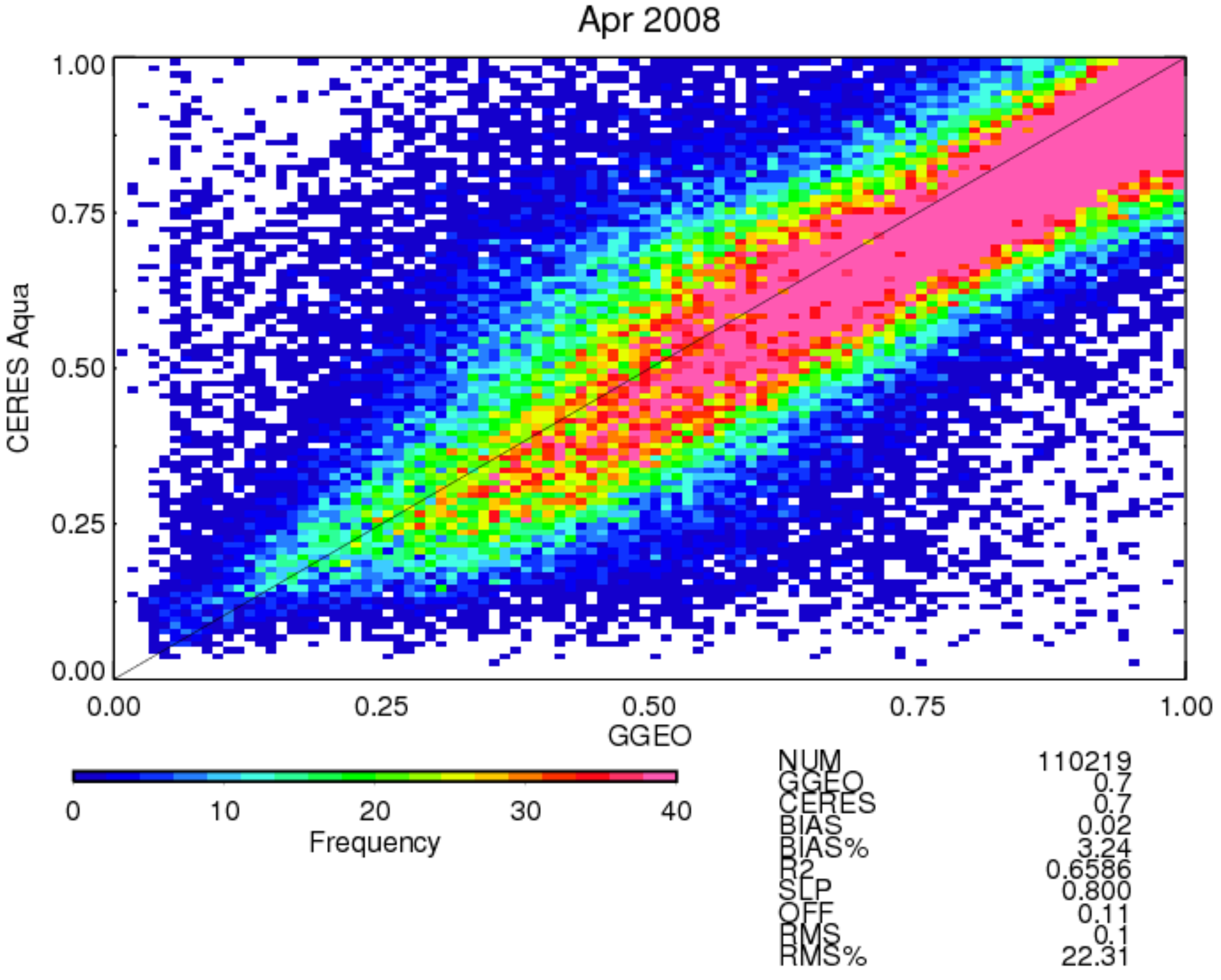

Apr 2008
CERES Aqua
GGEO
0
20
40
60
80
100
Frequency
0
10
20
30
40
NUM 73693
GGEO 0.5
CERES 0.6
BIAS -0.04
BIAS% -7.22
R2 0.6579
SLP 0.792
OFF 0.15
RMS 0.2
RMS% 36.39

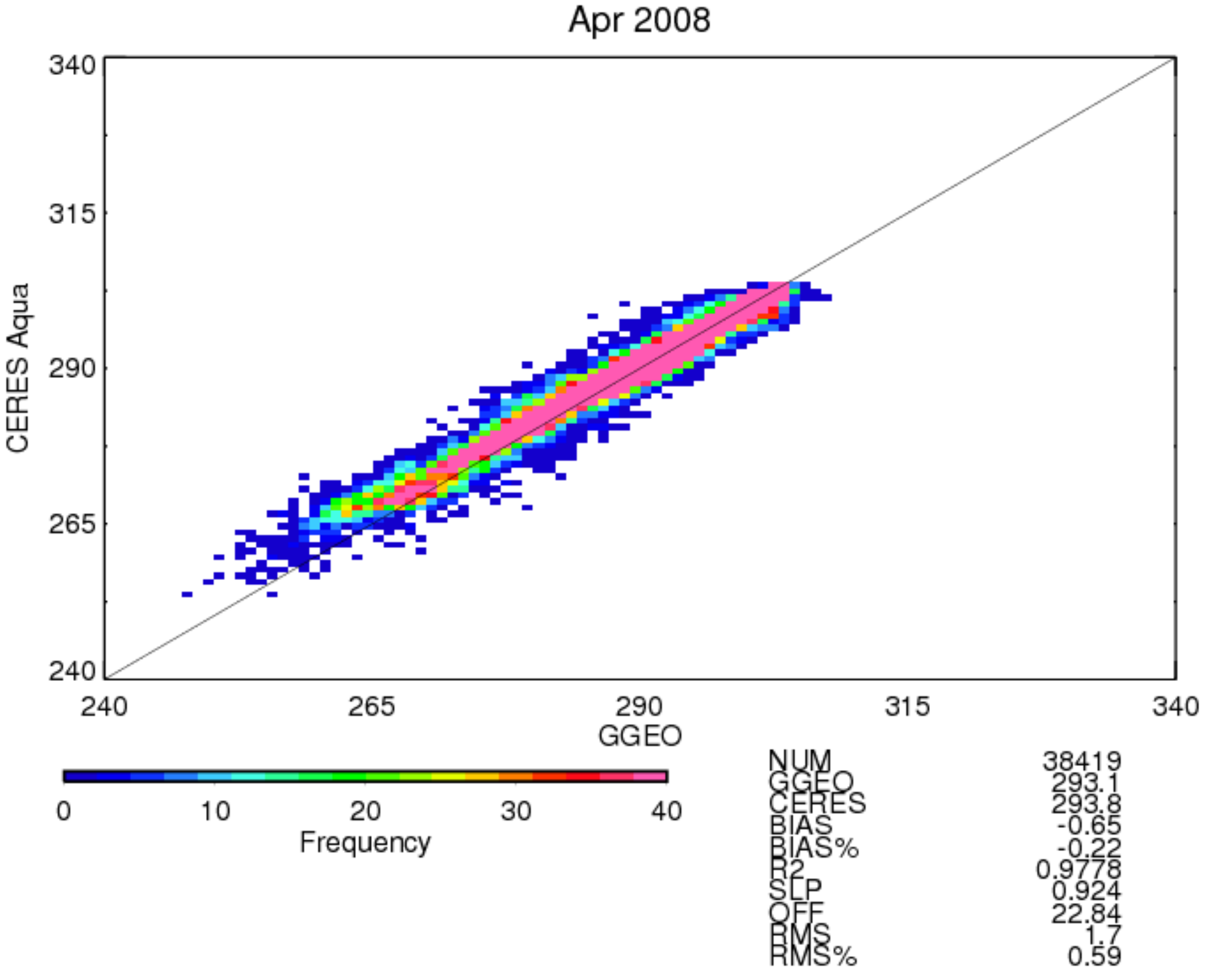

Apr 2008
CERES Aqua
0
8
16
24
32
40
GGEO
0
10
20
30
40
Frequency
NUM 99836
GGEO 10.0
CERES 10.9
BIAS -0.88
BIAS% -8.06
R2 0.2617
SLP 0.410
OFF 6.78
RMS 2.7
RMS% 24.43


Apr 2008
CERES Aqua
0
35
70
105
140
GGEO
0
10
20
30
40
Frequency
NUM 87748
GGEO 51.3
CERES 27.2
BIAS 24.08
BIAS% 88.42
R2 0.1089
SLP 0.106
OFF 21.80
RMS 29.5
RMS% 108.17


Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 99836
GGEO 3.1
CERES 3.2
BIAS -0.08
BIAS% -2.56
R2 0.3594
SLP 0.570
OFF 1.42
RMS 0.9
RMS% 28.46


Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 87748
GGEO 2.9
CERES 3.0
BIAS -0.18
BIAS% -5.99
R2 0.6595
SLP 0.714
OFF 1.00
RMS 1.0
RMS% 32.81


Apr 2008
CERES Aqua
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
GGEO
0
10
20
30
40
Frequency
NUM 110219
GGEO 0.7
CERES 0.7
BIAS 0.02
BIAS% 3.24
R2 0.6586
SLP 0.800
OFF 0.11
RMS 0.1
RMS% 22.31


Apr 2008
CERES Aqua
340
315
290
265
240
240
265
290
315
340
GGEO
0
10
20
30
40
Frequency
NUM 38419
GGEO 293.1
CERES 293.8
BIAS -0.65
BIAS% -0.22
R2 0.9778
SLP 0.924
OFF 22.84
RMS 1.7
RMS% 0.59