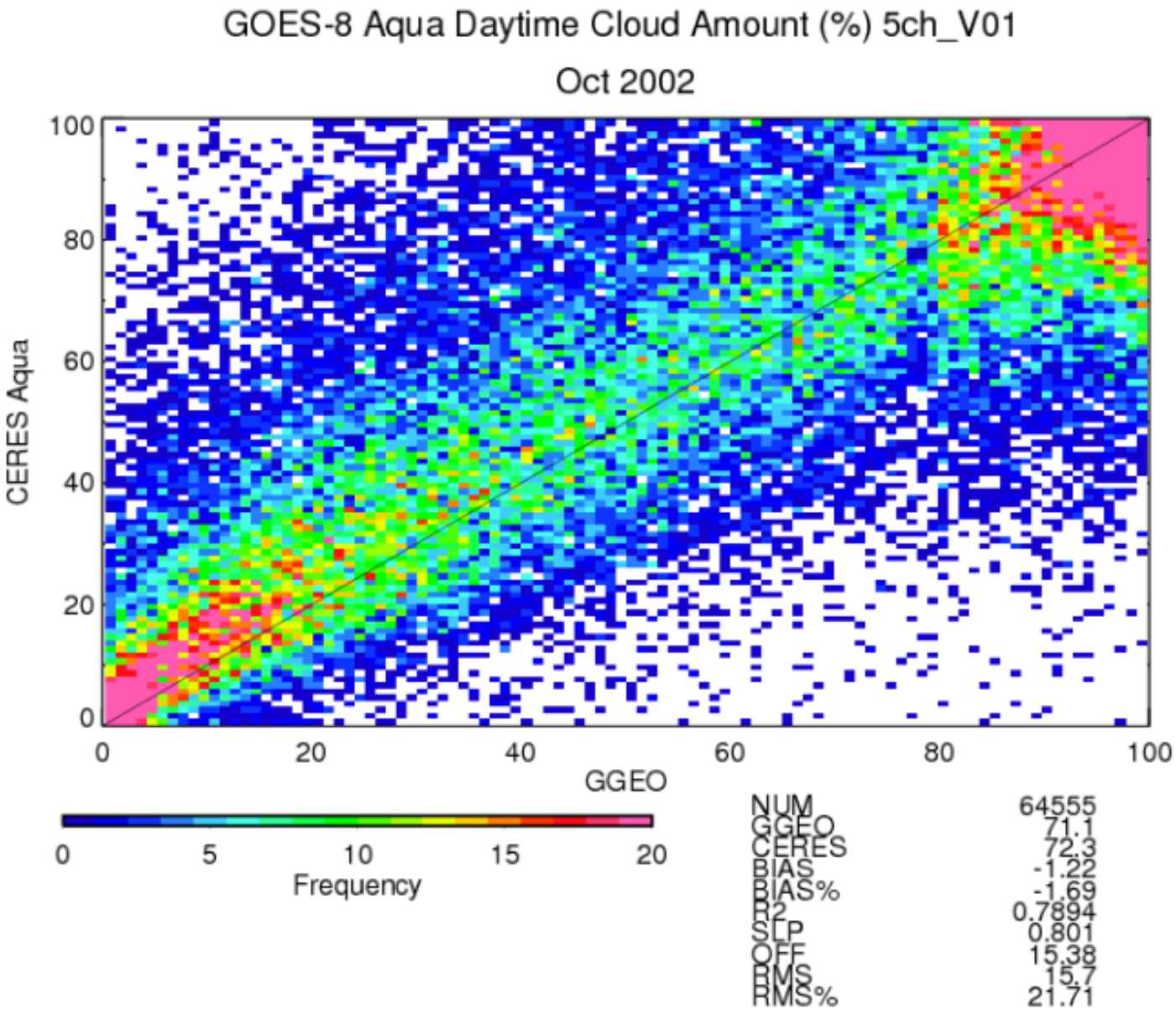
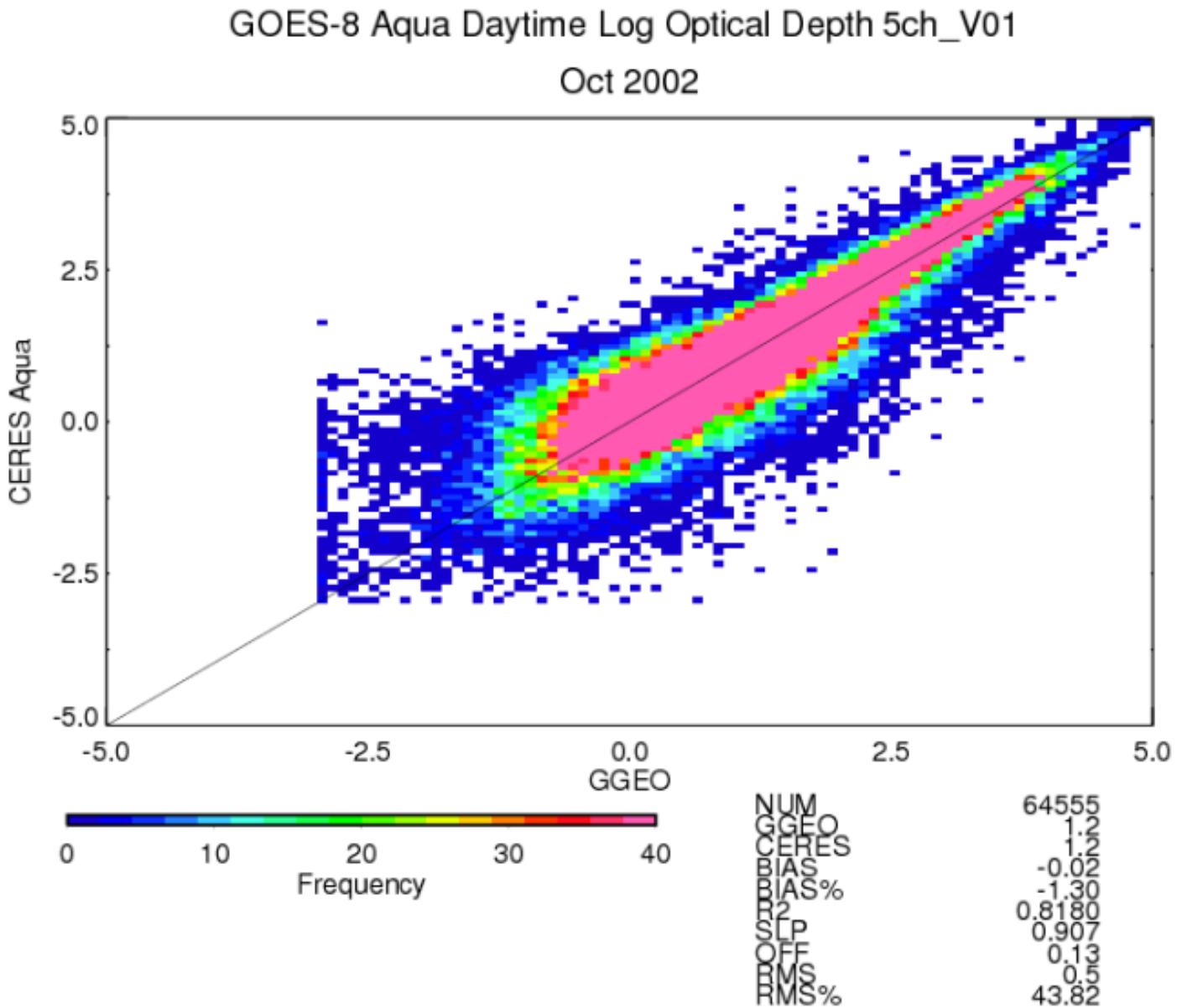
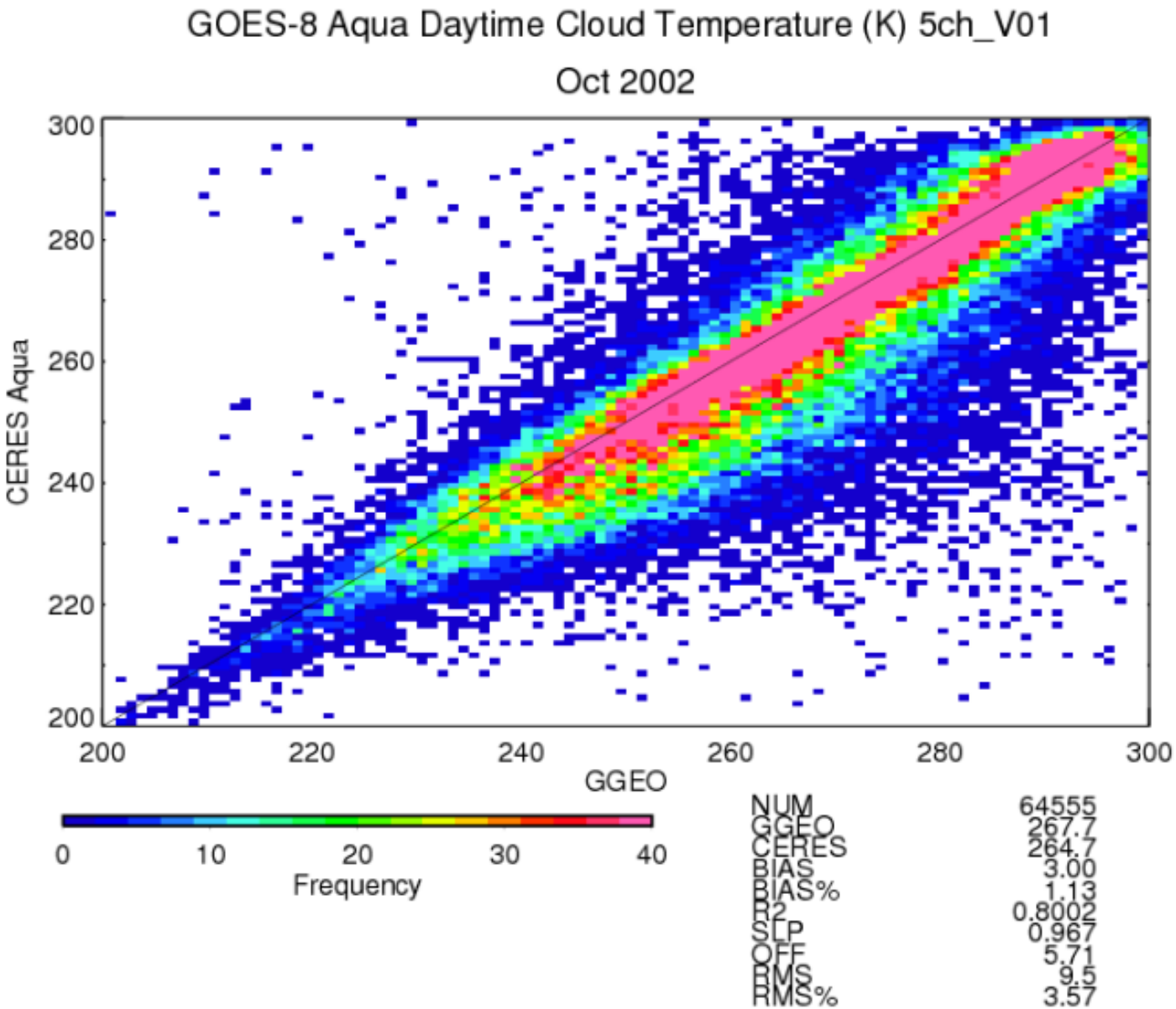
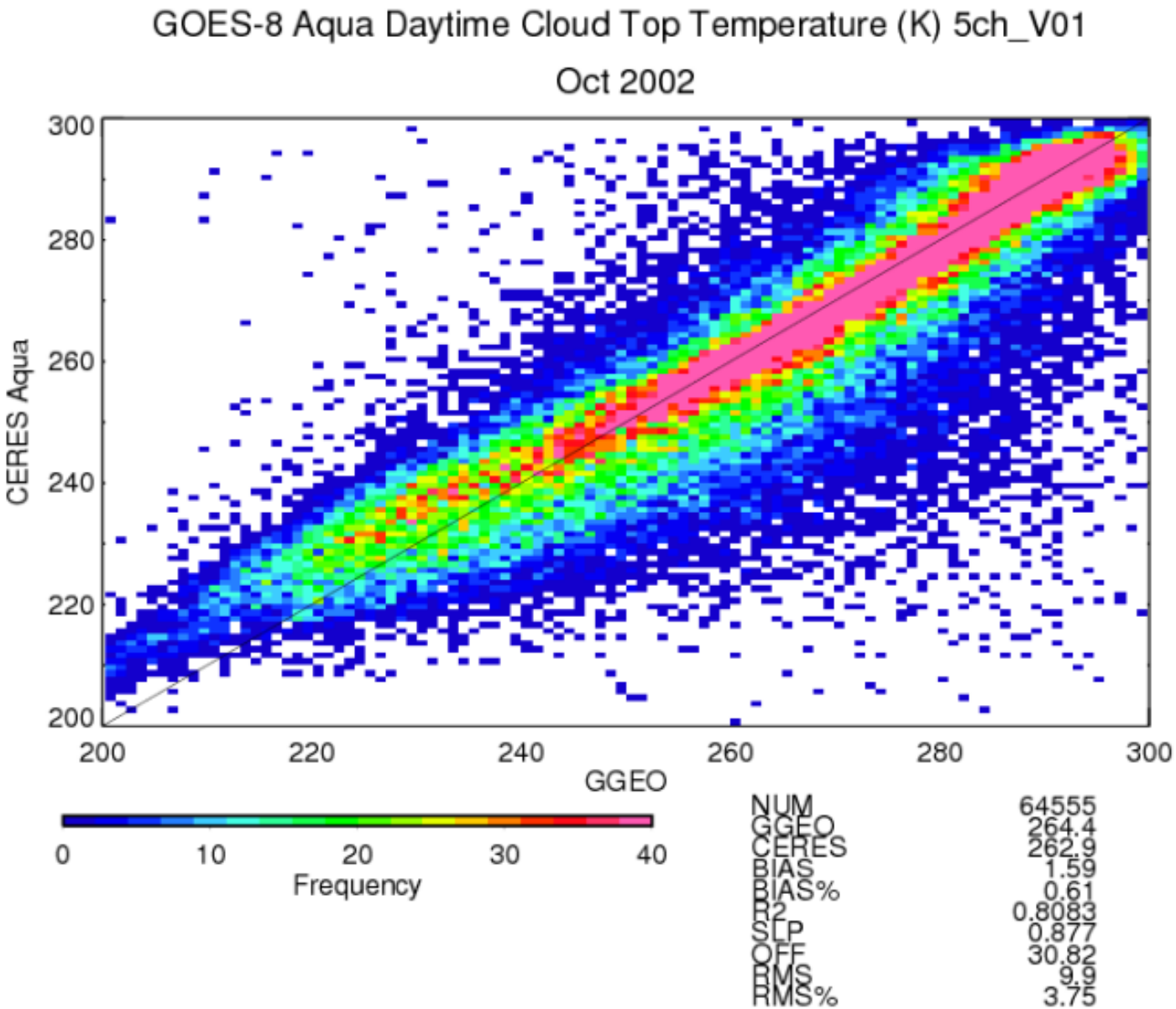
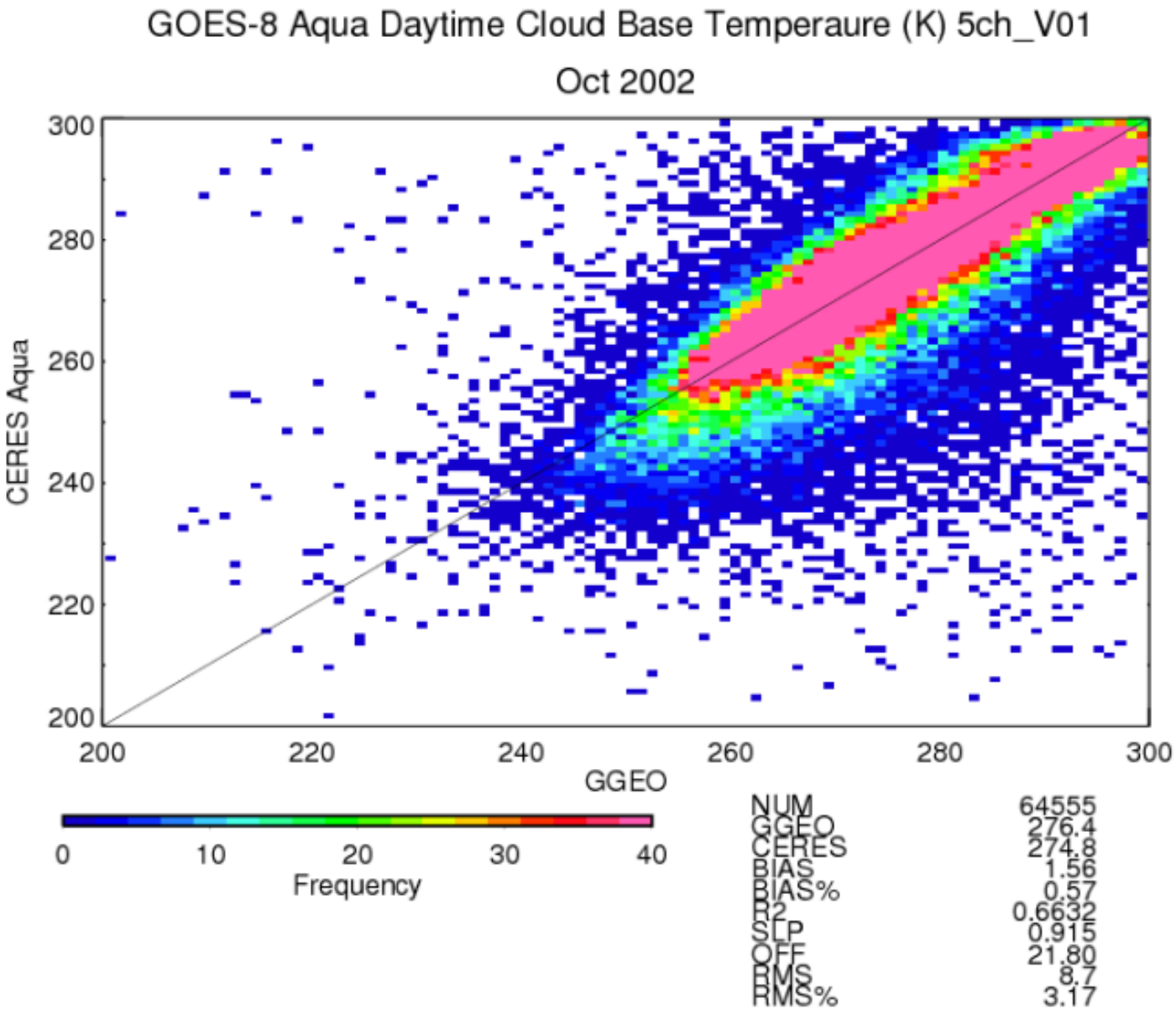
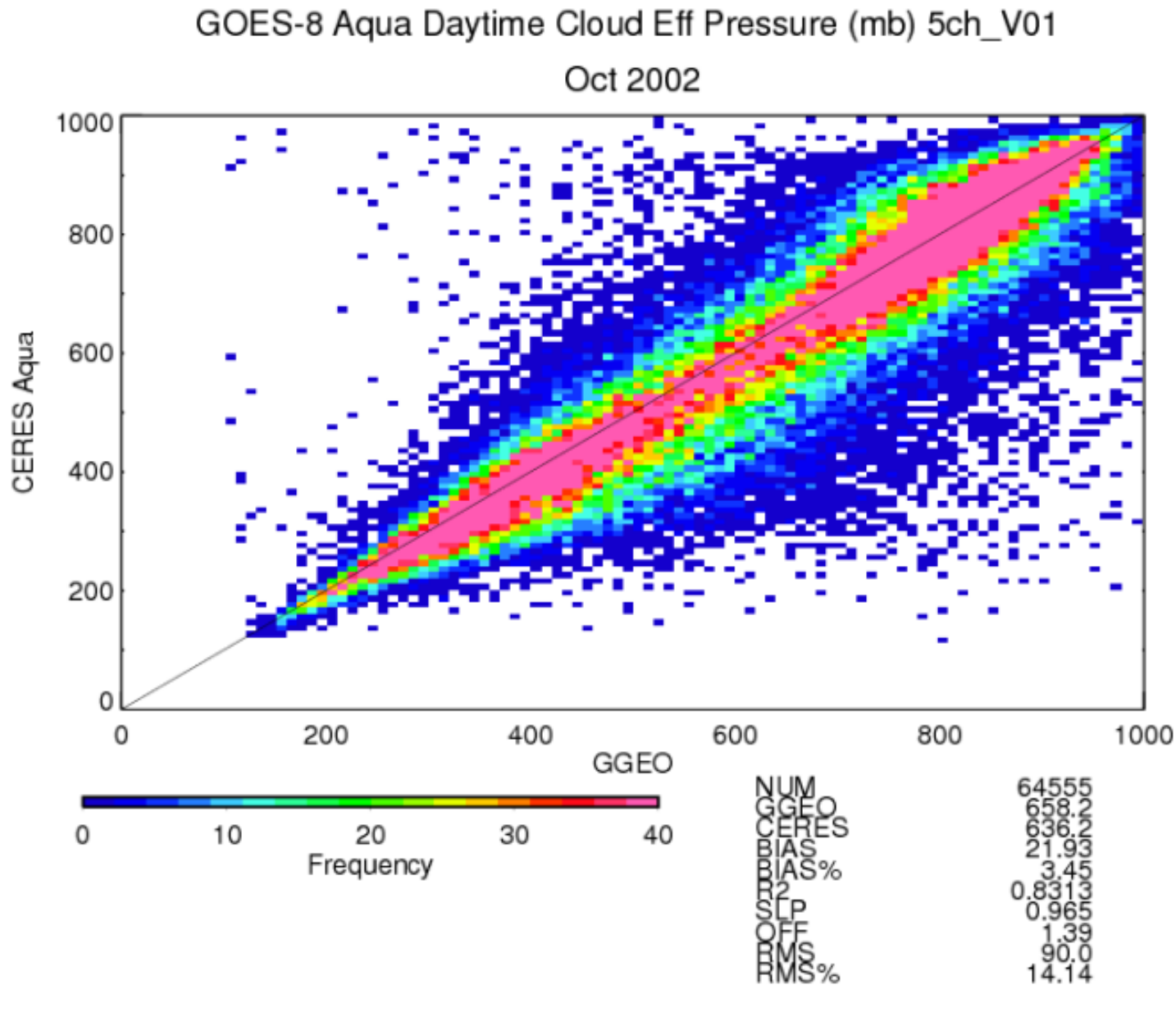

GOES-8 Aqua Daytime Cloud Amount (%) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
0
5
10
15
20
0
20
40
60
80
100
NUM 64555
GGEO 71.1
CERES 72.3
BIAS -1.22
BIAS% -1.69
R2 0.7894
SLP 0.801
OFF 15.38
RMS 15.7
RMS% 21.71

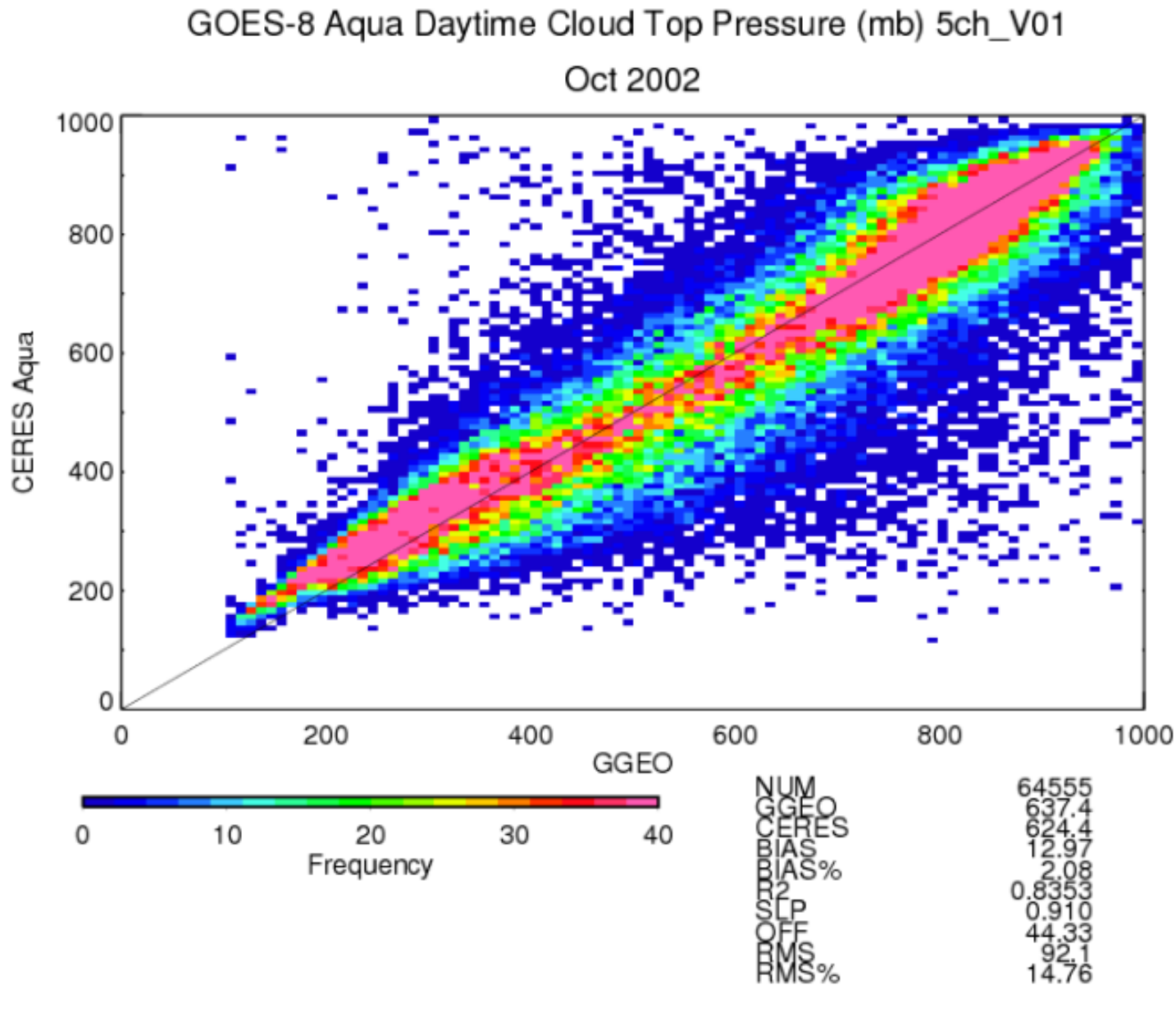

GOES-8 Aqua Daytime Log Optical Depth 5ch_V01
Oct 2002
CERES Aqua
5.0
2.5
0.0
-2.5
-5.0
-5.0
-2.5
0.0
2.5
5.0
GGEO
0
10
20
30
40
Frequency
NUM 64555
GGEO 1.2
CERES 1.2
BIAS -0.02
BIAS% -1.30
R2 0.8180
SLP 0.907
OFF 0.13
RMS 0.5
RMS% 43.82

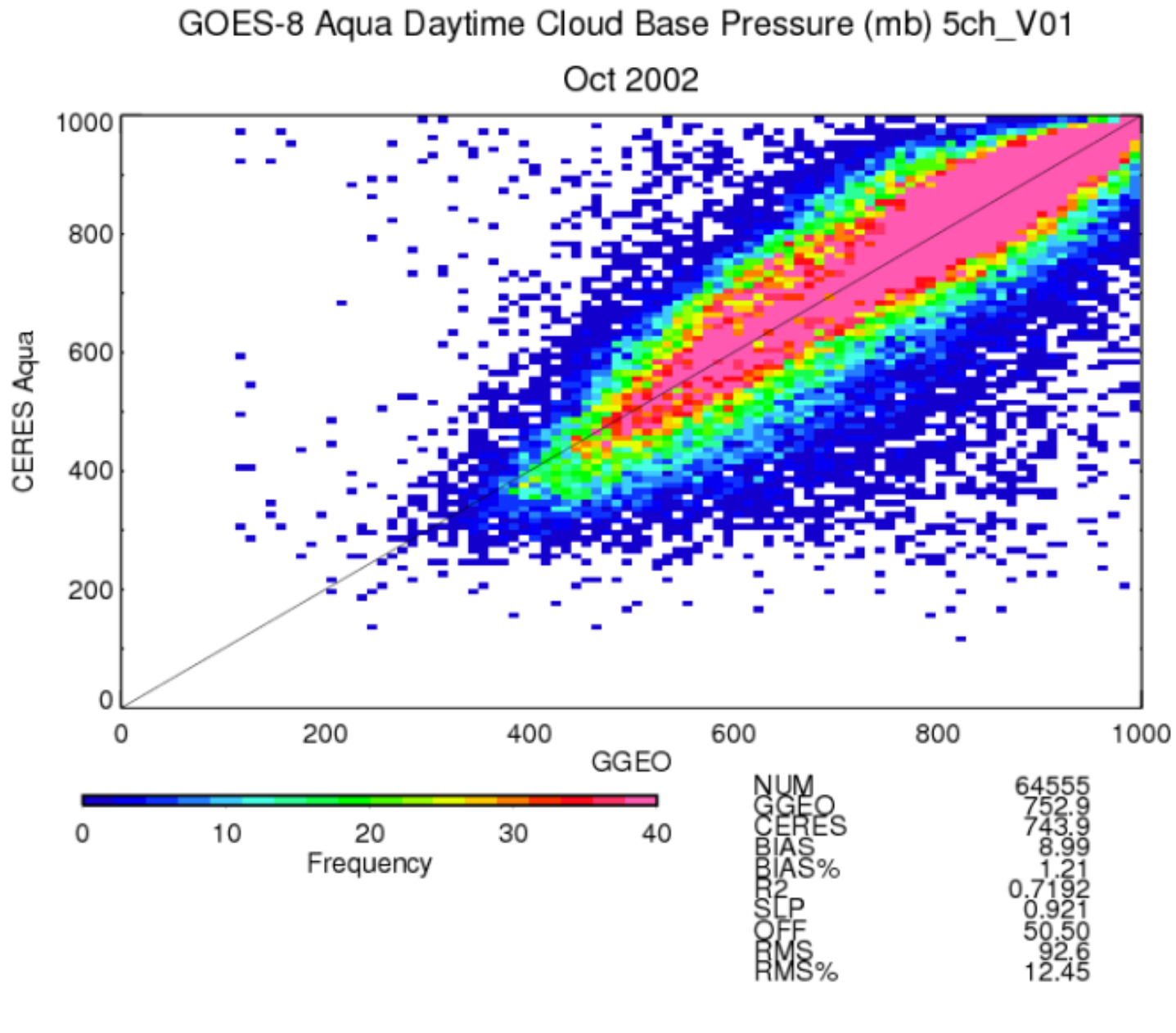

GOES-8 Aqua Daytime Cloud Temperature (K) 5ch_V01
Oct 2002
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 64555
GGEO 267.7
CERES 264.7
BIAS 3.00
BIAS% 1.13
R2 0.8002
SLP 0.967
OFF 5.71
RMS 9.5
RMS% 3.57

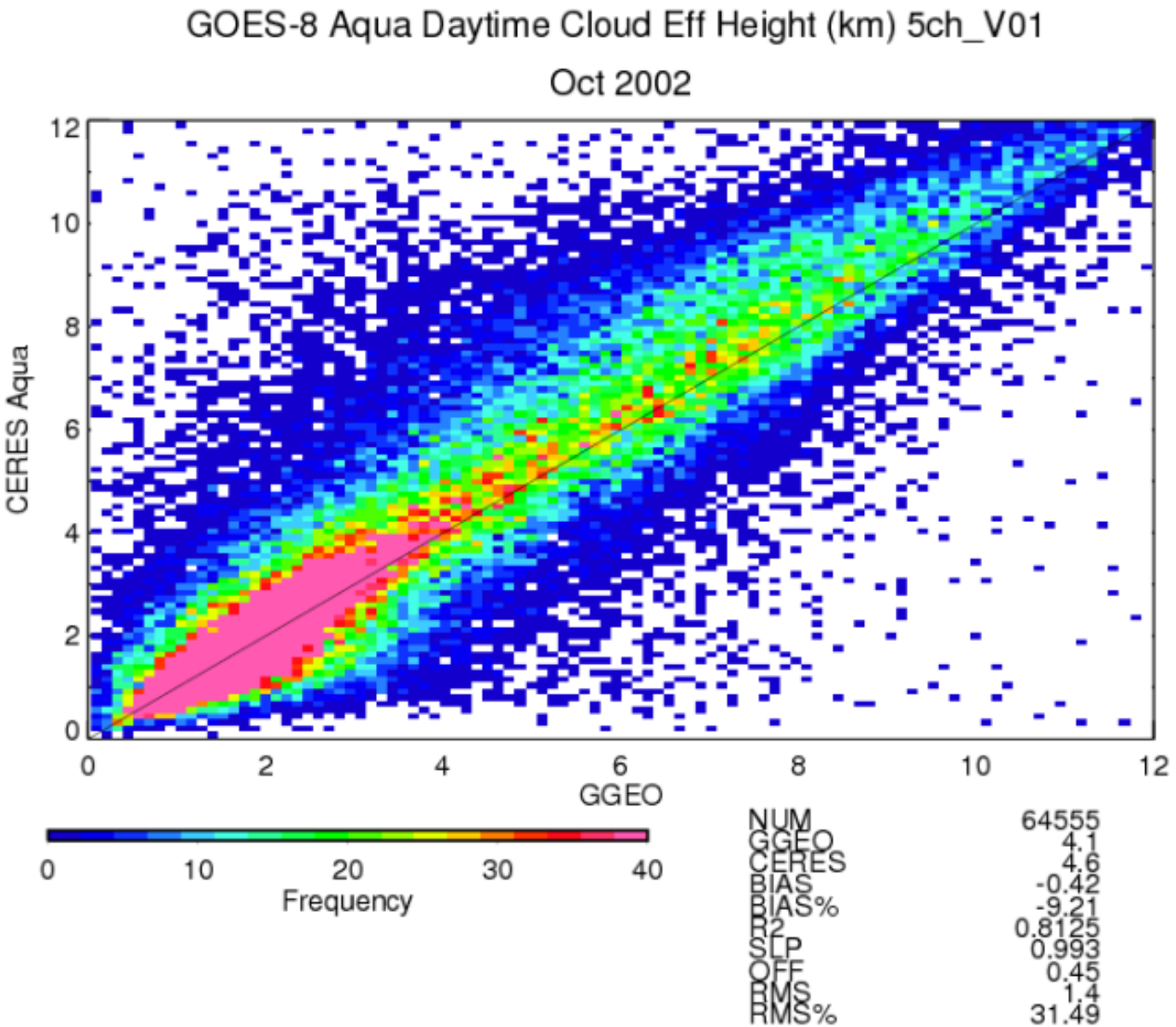

GOES-8 Aqua Daytime Cloud Top Temperature (K) 5ch_V01
Oct 2002
CERES Aqua
GGEO
300
280
260
240
220
200
200
220
240
260
280
300
0
10
20
30
40
Frequency
NUM 64555
GGEO 264.4
CERES 262.9
BIAS 1.59
BIAS% 0.61
R2 0.8083
SLP 0.877
OFF 30.82
RMS 9.9
RMS% 3.75

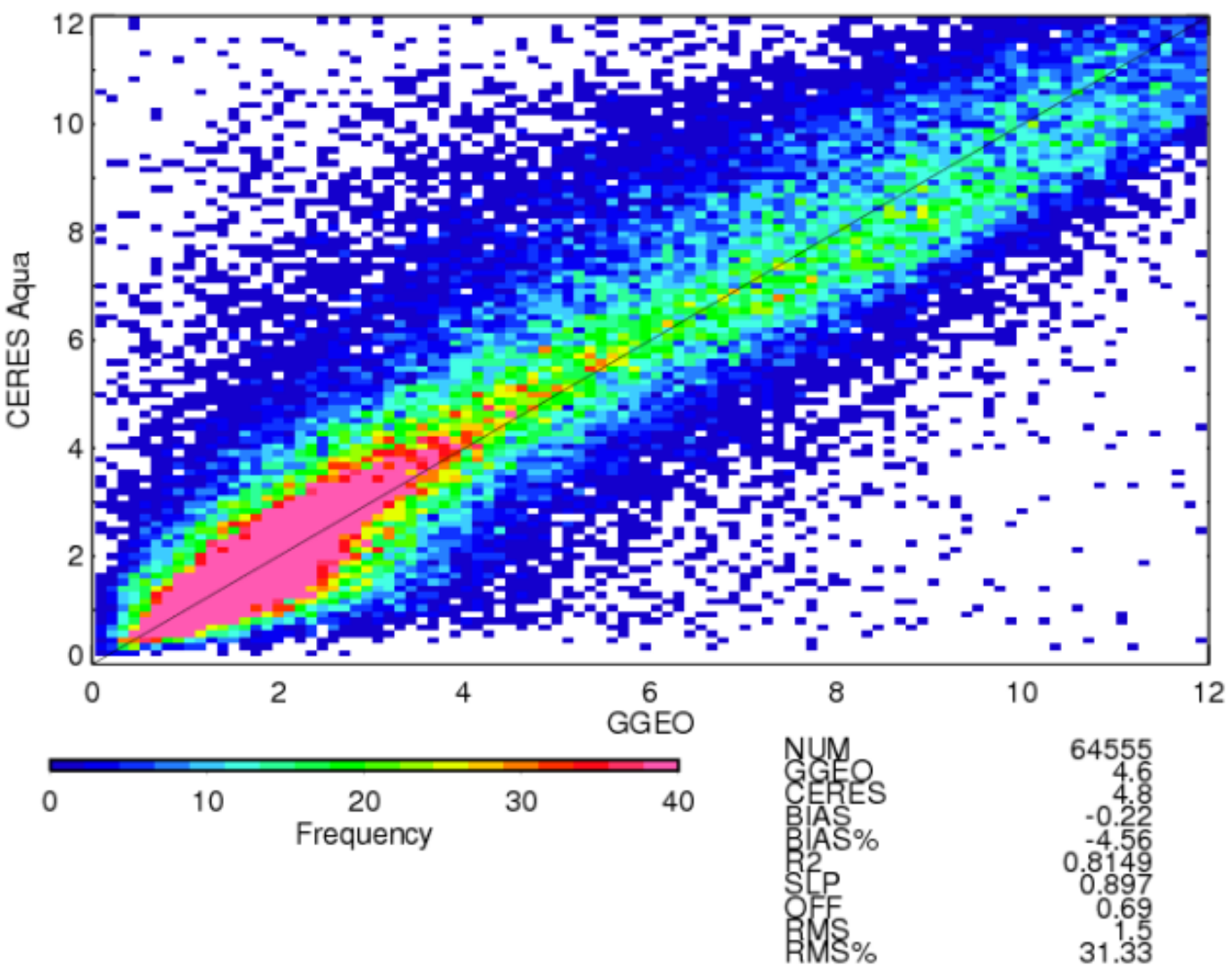

GOES-8 Aqua Daytime Cloud Base Temperaure (K) 5ch_V01
Oct 2002
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 64555
GGEO 276.4
CERES 274.8
BIAS 1.56
BIAS% 0.57
R2 0.6632
SLP 0.915
OFF 21.80
RMS 8.7
RMS% 3.17

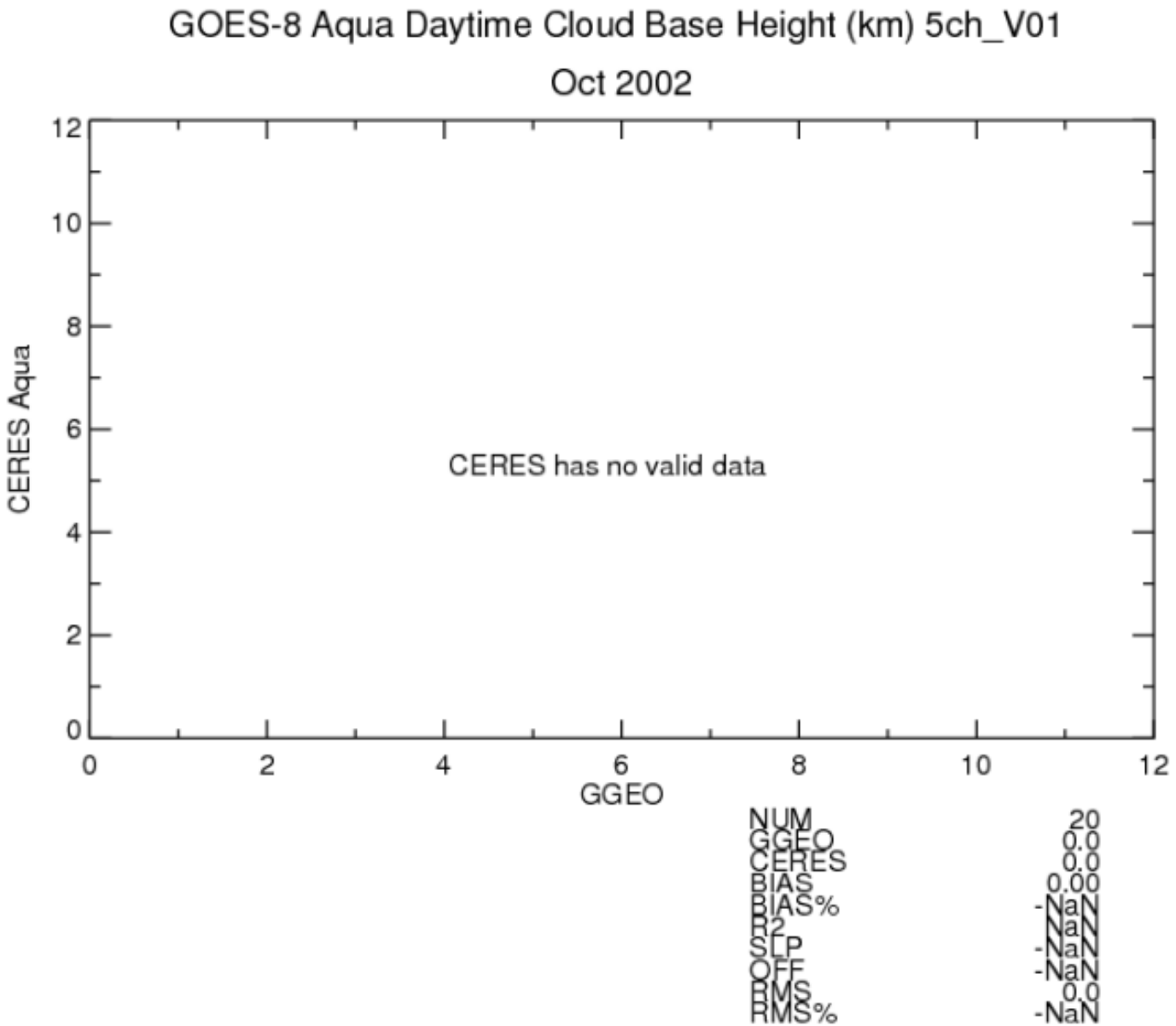

GOES-8 Aqua Daytime Cloud Eff Pressure (mb) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 64555
GGEO 658.2
CERES 636.2
BIAS 21.93
BIAS% 3.45
R2 0.8313
SLP 0.965
OFF 1.39
RMS 90.0
RMS% 14.14

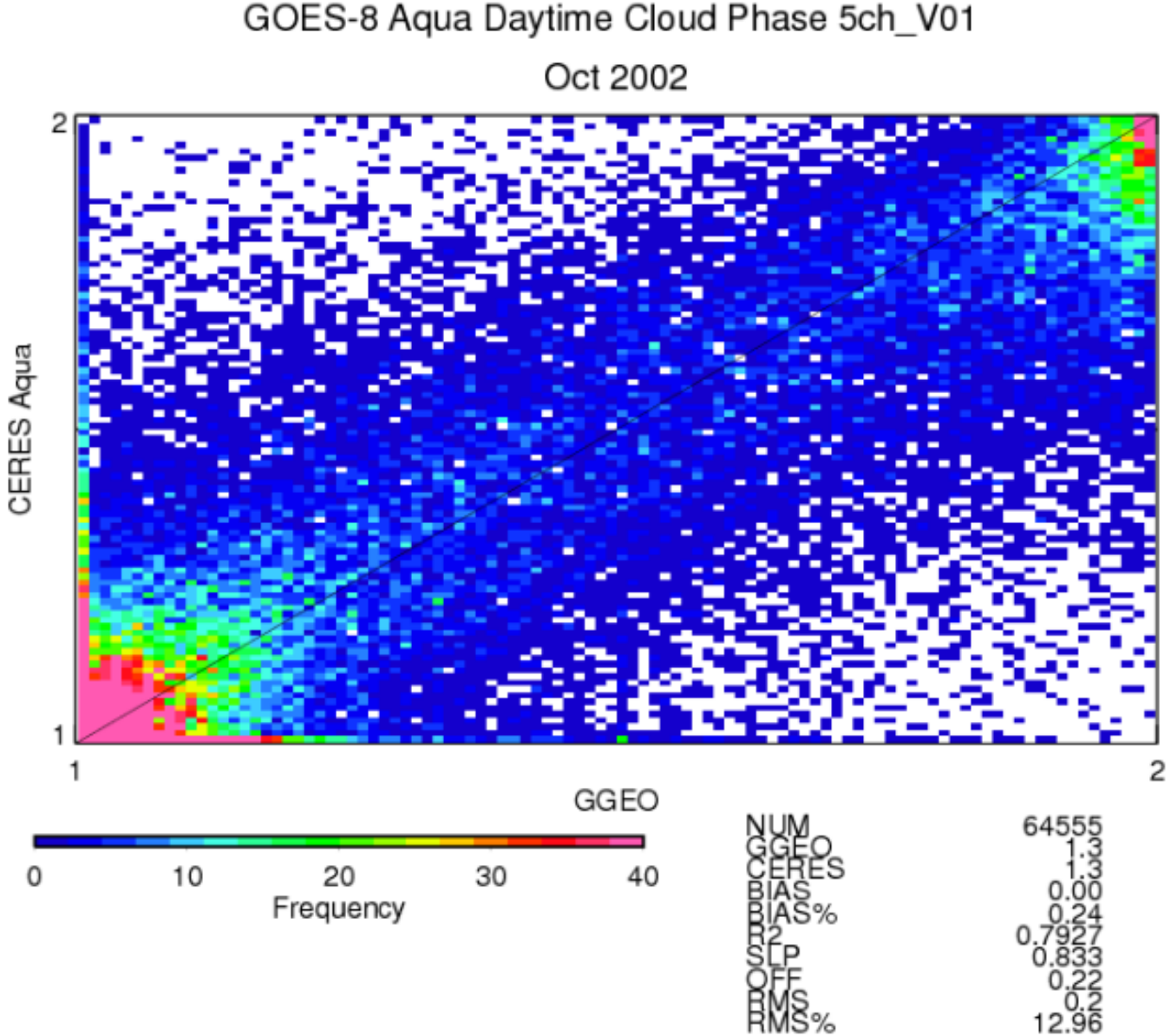

GOES-8 Aqua Daytime Cloud Top Pressure (mb) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 64555
GGEO 637.4
CERES 624.4
BIAS 12.97
BIAS% 2.08
R2 0.8353
SLP 0.910
OFF 44.33
RMS 92.1
RMS% 14.76

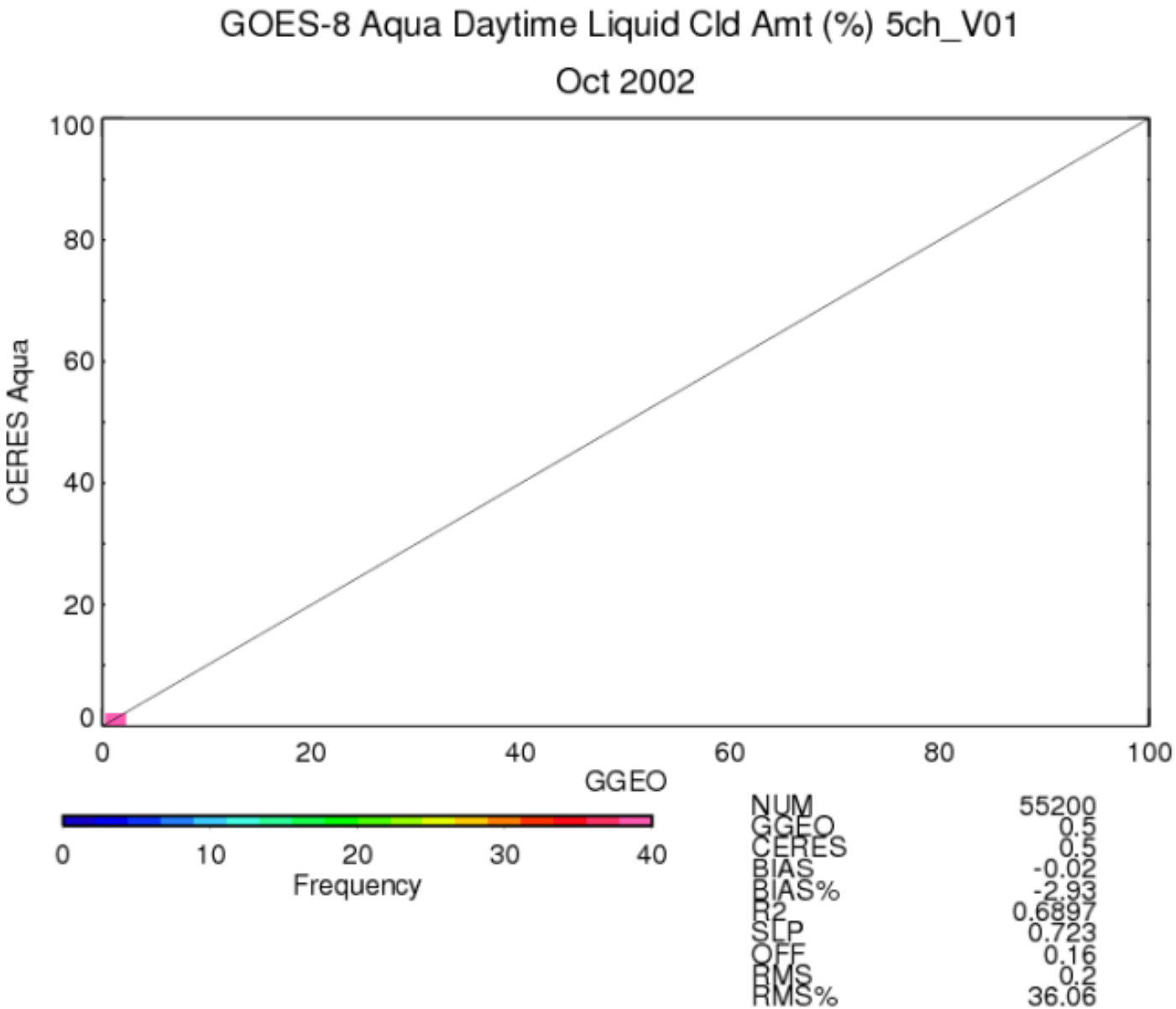

GOES-8 Aqua Daytime Cloud Base Pressure (mb) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 64555
GGEO 752.9
CERES 743.9
BIAS 8.99
BIAS% 1.21
R2 0.7192
SLP 0.921
OFF 50.50
RMS 92.6
RMS% 12.45

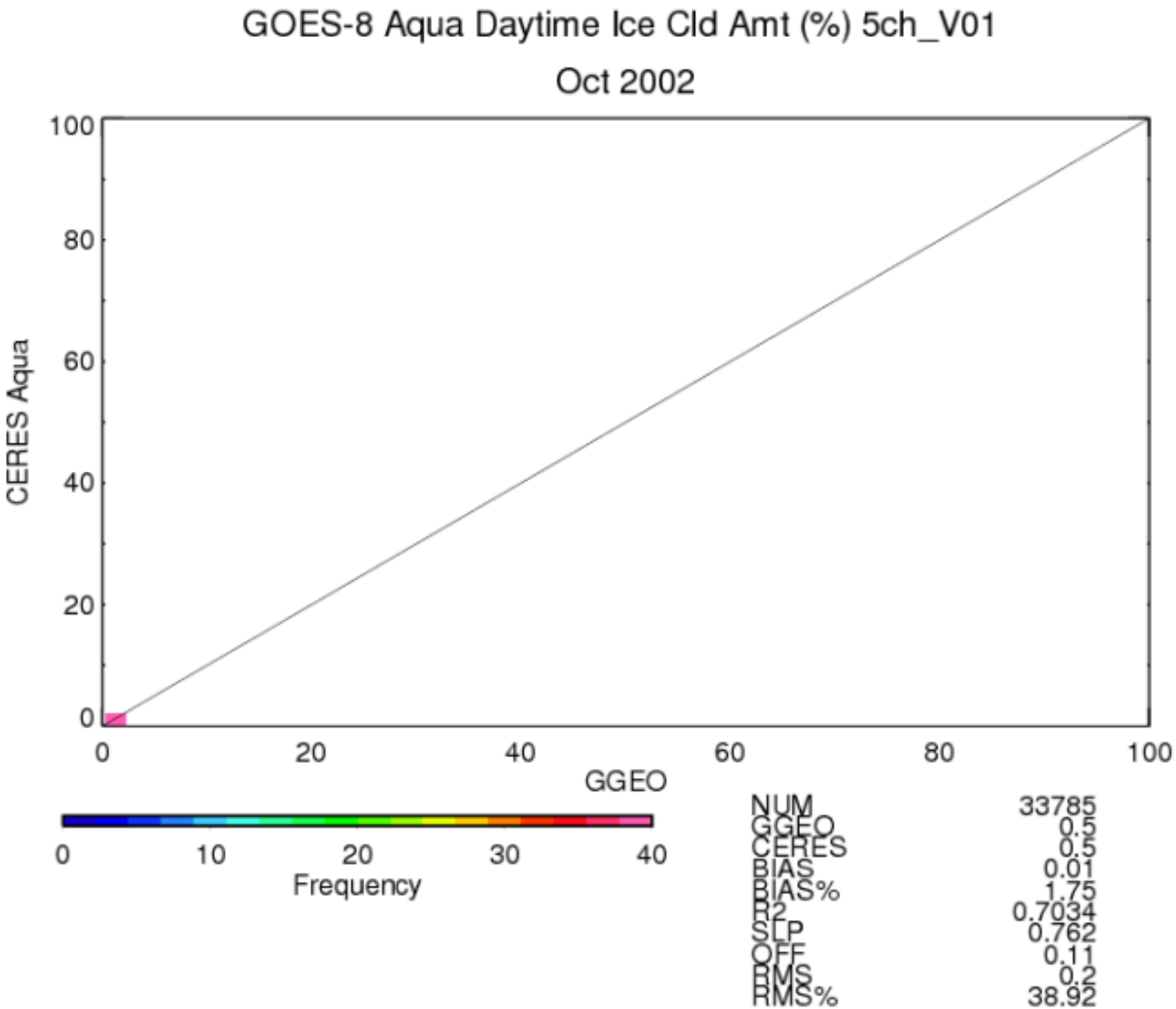

GOES-8 Aqua Daytime Cloud Eff Height (km) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 64555
GGEO 4.1
CERES 4.6
BIAS -0.42
BIAS% -9.21
R2 0.8125
SLP 0.993
OFF 0.45
RMS 1.4
RMS% 31.49

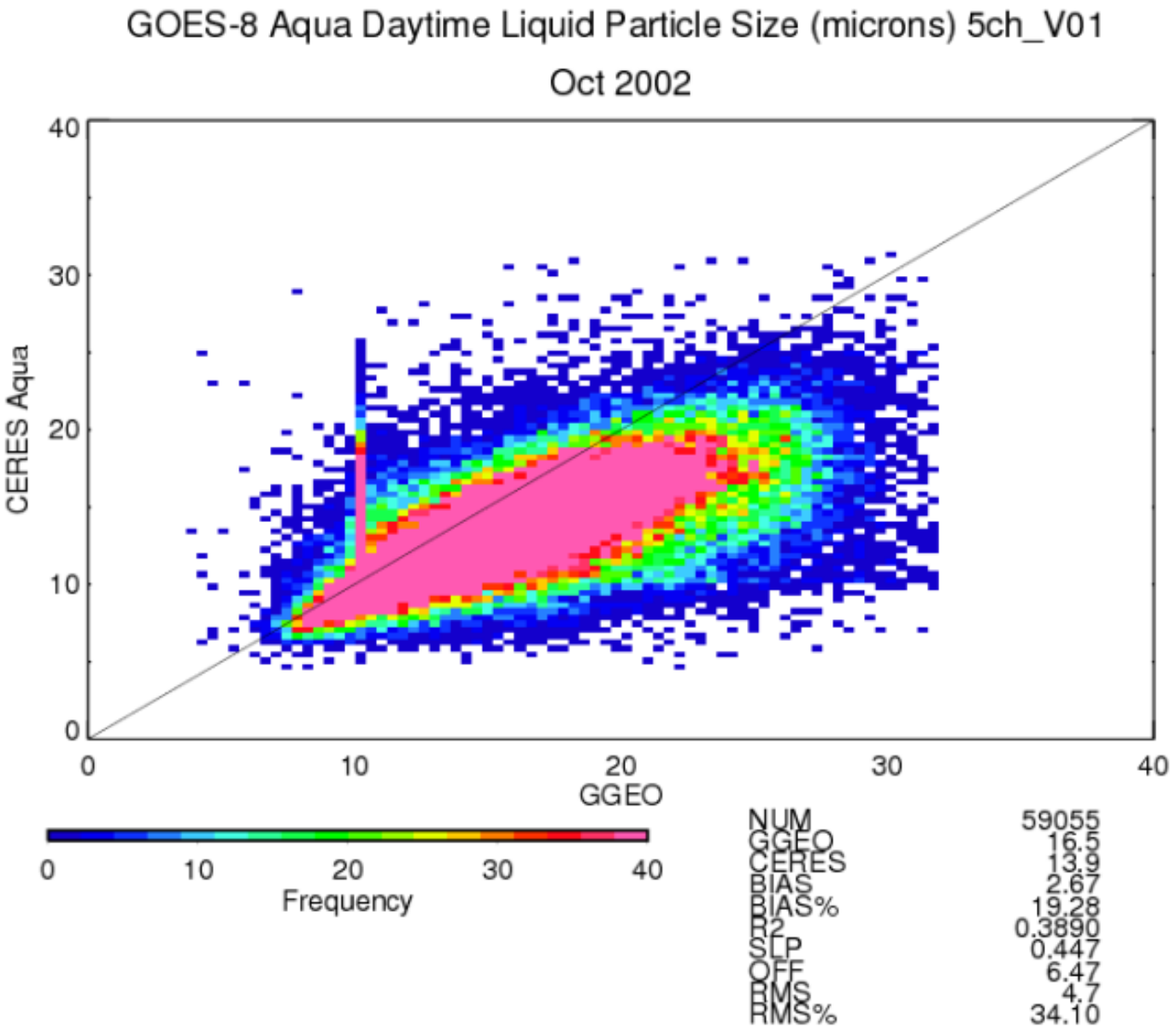

GOES-8 Aqua Daytime Cloud Top Height (km) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 64555
GGEO 4.6
CERES 4.8
BIAS -0.22
BIAS% -4.56
R2 0.8149
SLP 0.897
OFF 0.69
RMS 1.5
RMS% 31.33

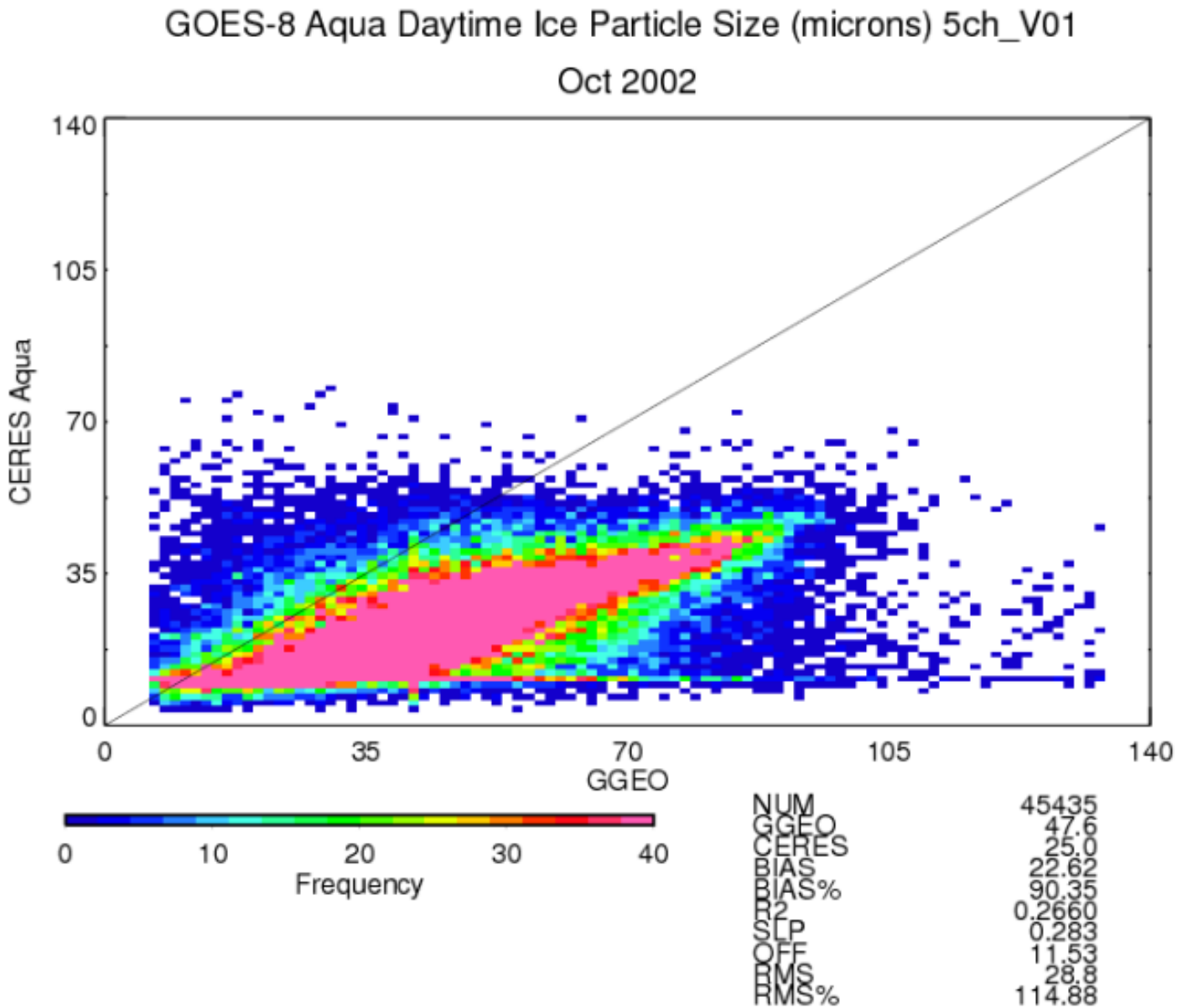

GOES-8 Aqua Daytime Cloud Base Height (km) 5ch_V01
Oct 2002
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

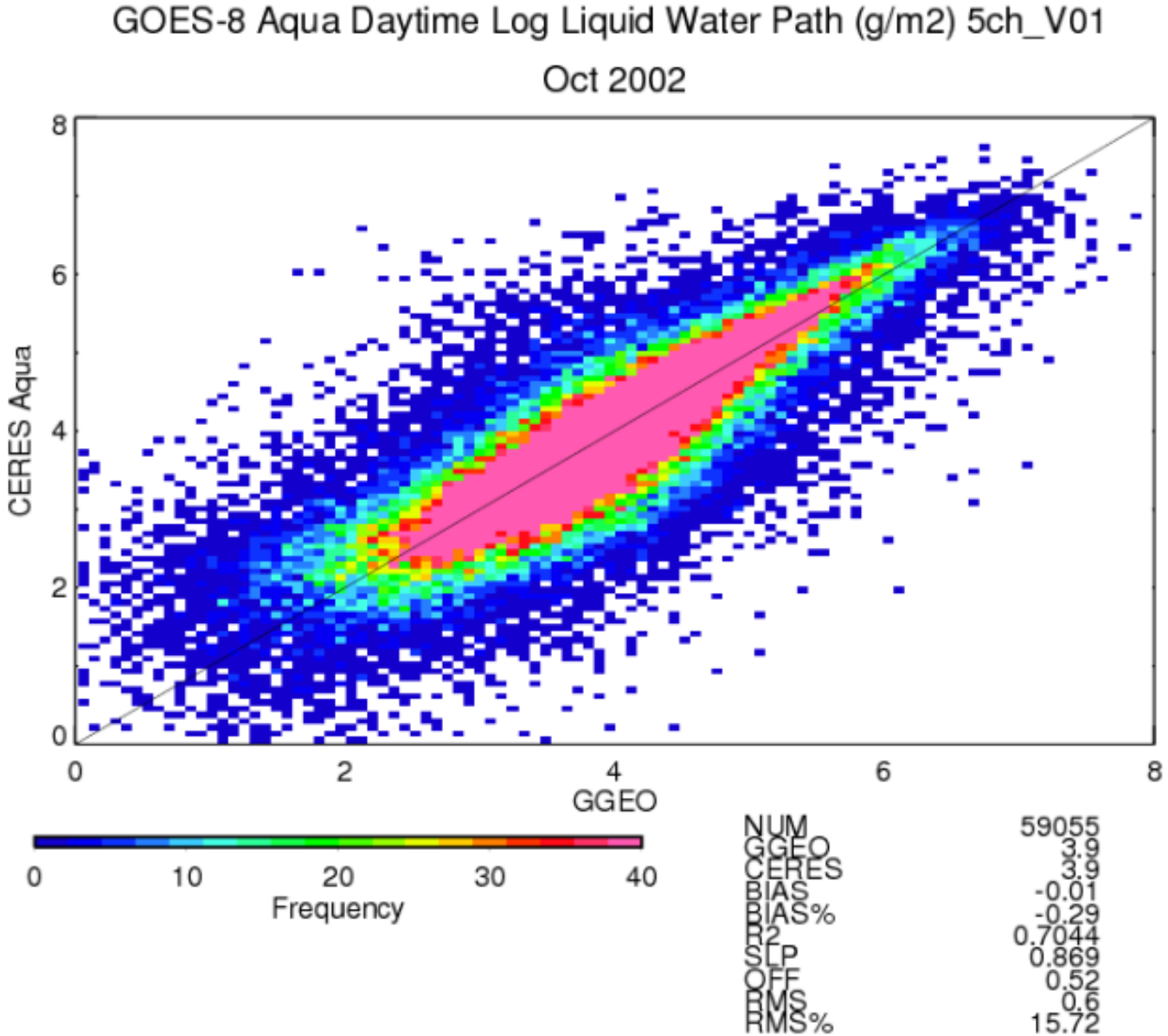

GOES-8 Aqua Daytime Cloud Phase 5ch_V01
Oct 2002
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 64555
GGEO 1.3
CERES 1.3
BIAS 0.00
BIAS% 0.24
R2 0.7927
SLP 0.833
OFF 0.22
RMS 0.2
RMS% 12.96

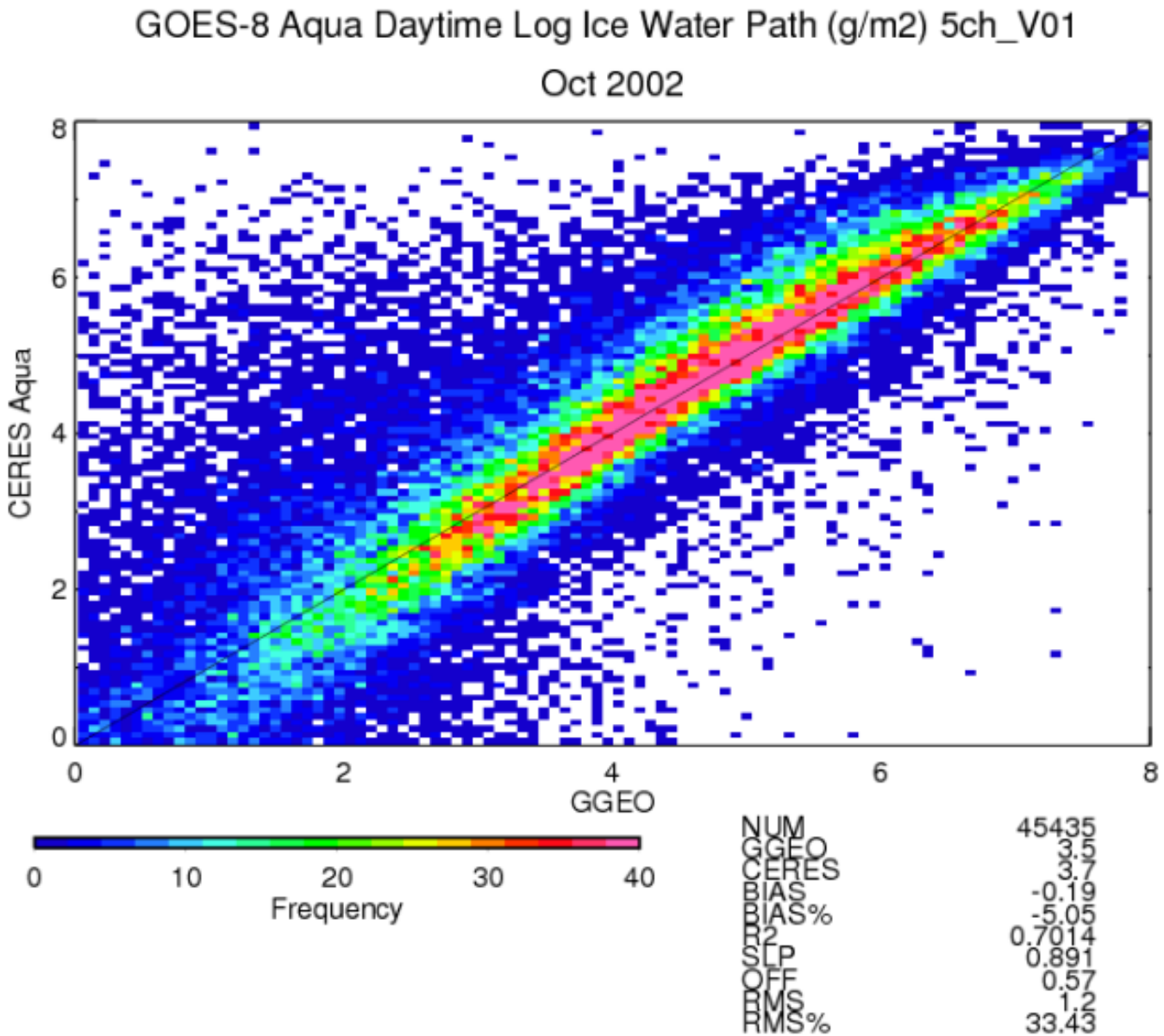

GOES-8 Aqua Daytime Liquid Cld Amt (%) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
0
10
20
30
40
0
20
40
60
80
100
NUM 55200
GGEO 0.5
CERES 0.5
BIAS -0.02
BIAS% -2.93
R2 0.6897
SLP 0.723
OFF 0.16
RMS 0.2
RMS% 36.06

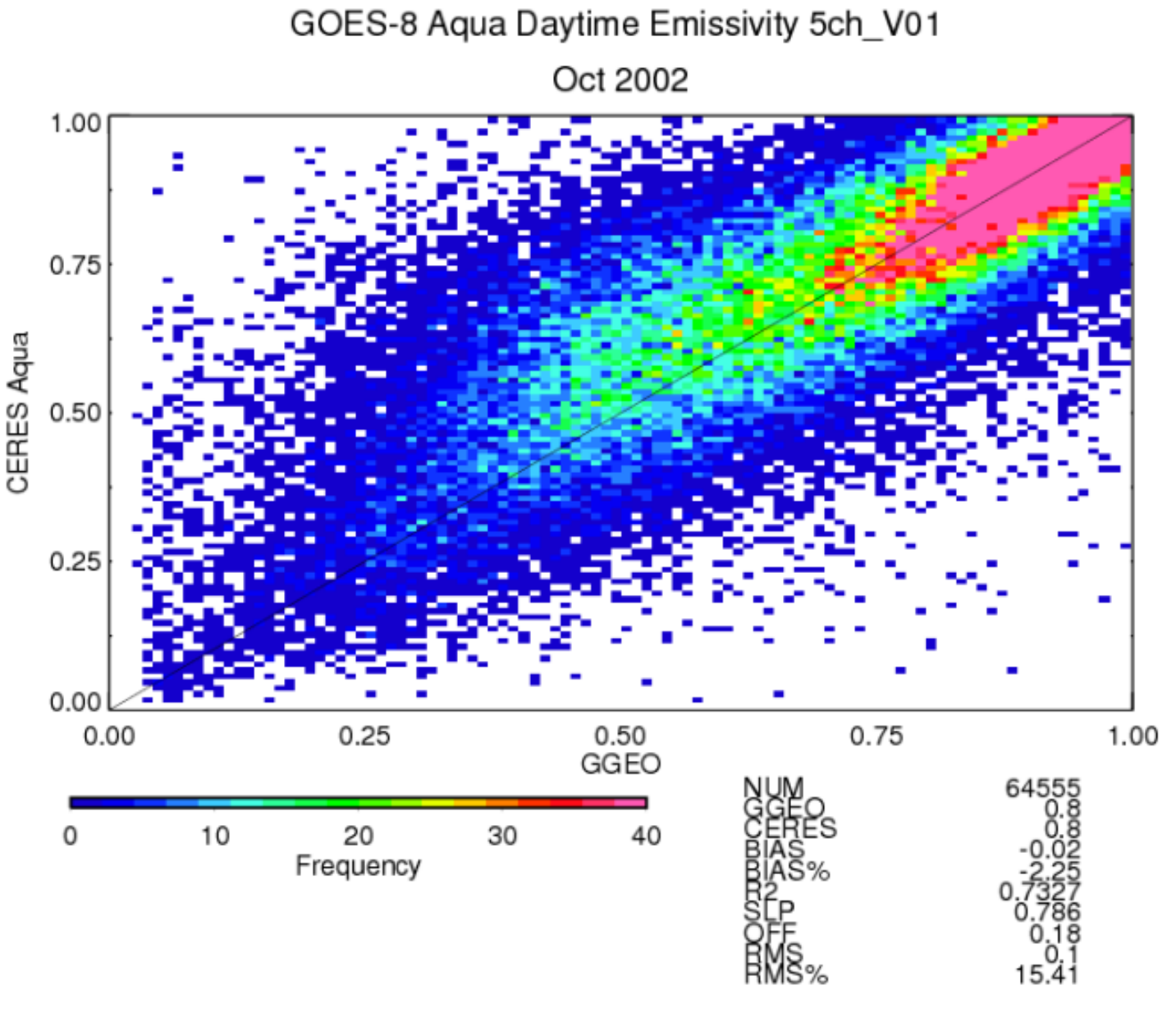

GOES-8 Aqua Daytime Ice Cld Amt (%) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
0
10
20
30
40
0
20
40
60
80
100
NUM 33785
GGEO 0.5
CERES 0.5
BIAS 0.01
BIAS% 1.75
R2 0.7034
SLP 0.762
OFF 0.11
RMS 0.2
RMS% 38.92

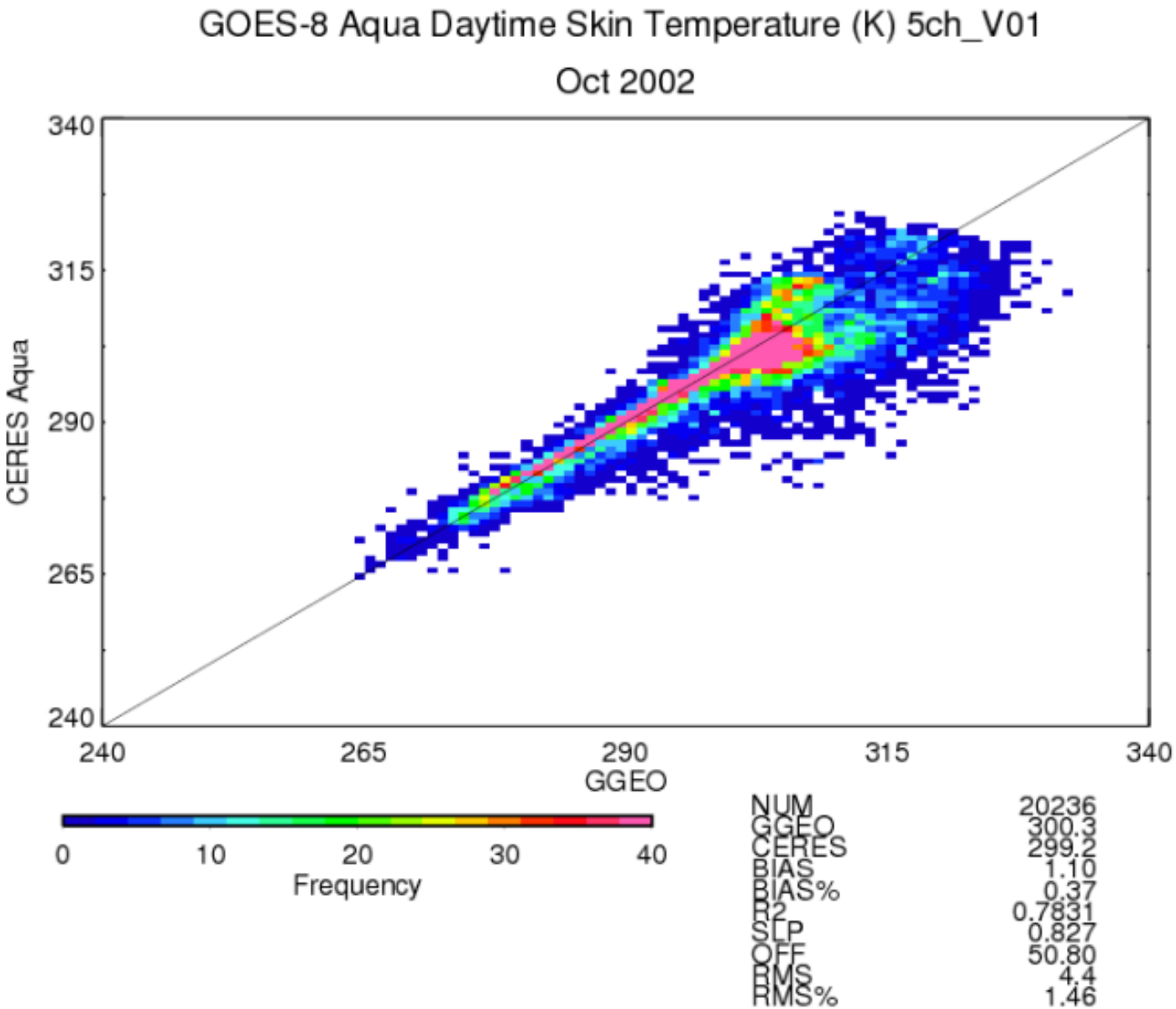

GOES-8 Aqua Daytime Liquid Particle Size (microns) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
0
10
20
30
40
NUM 59055
GGEO 16.5
CERES 13.9
BIAS 2.67
BIAS% 19.28
R2 0.3890
SLP 0.447
OFF 6.47
RMS 4.7
RMS% 34.10

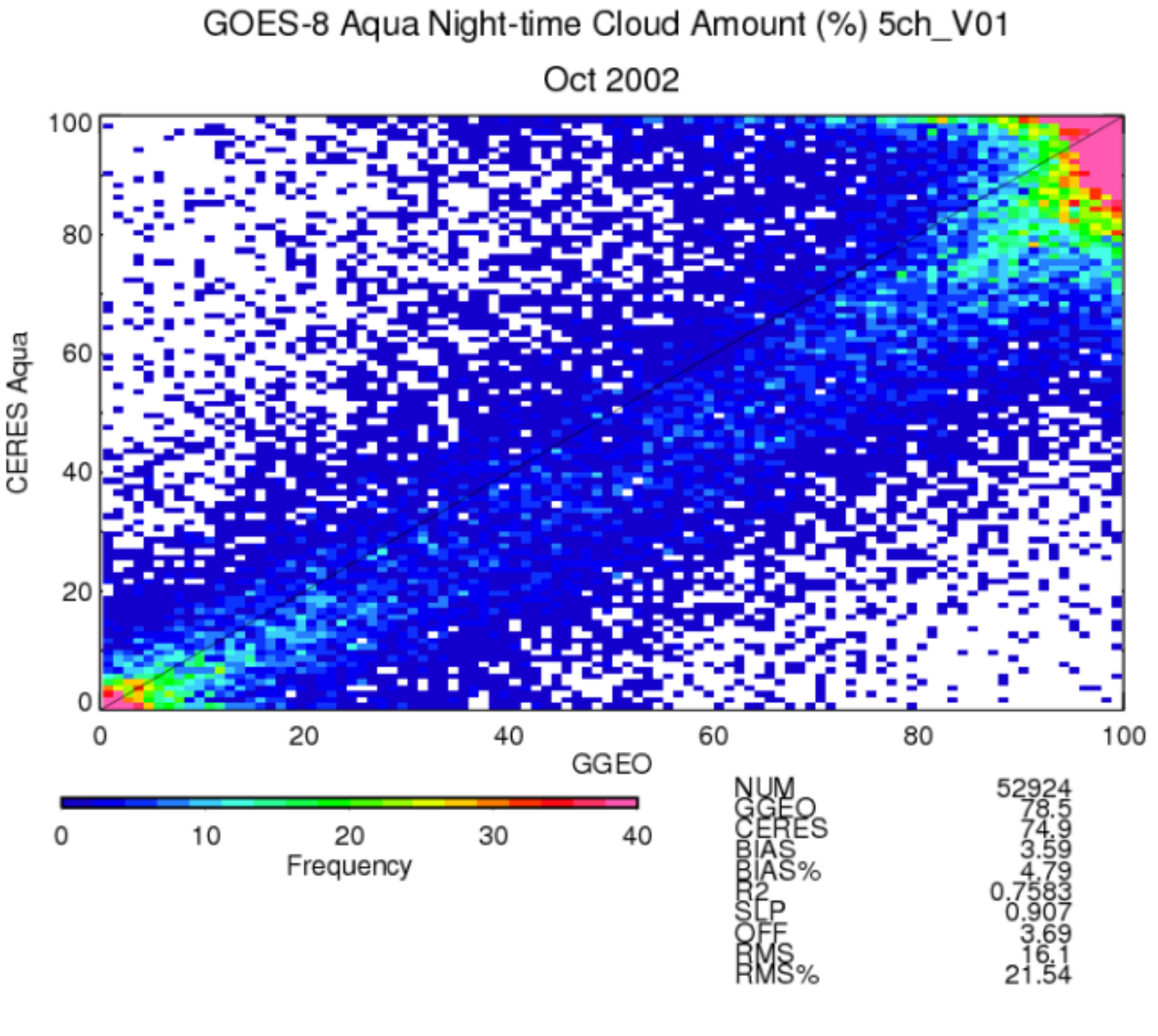

GOES-8 Aqua Daytime Ice Particle Size (microns) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
35
70
105
140
Frequency
0
10
20
30
40
NUM 45435
GGEO 47.6
CERES 25.0
BIAS 22.62
BIAS% 90.35
R2 0.2660
SLP 0.283
OFF 11.53
RMS 28.8
RMS% 114.88

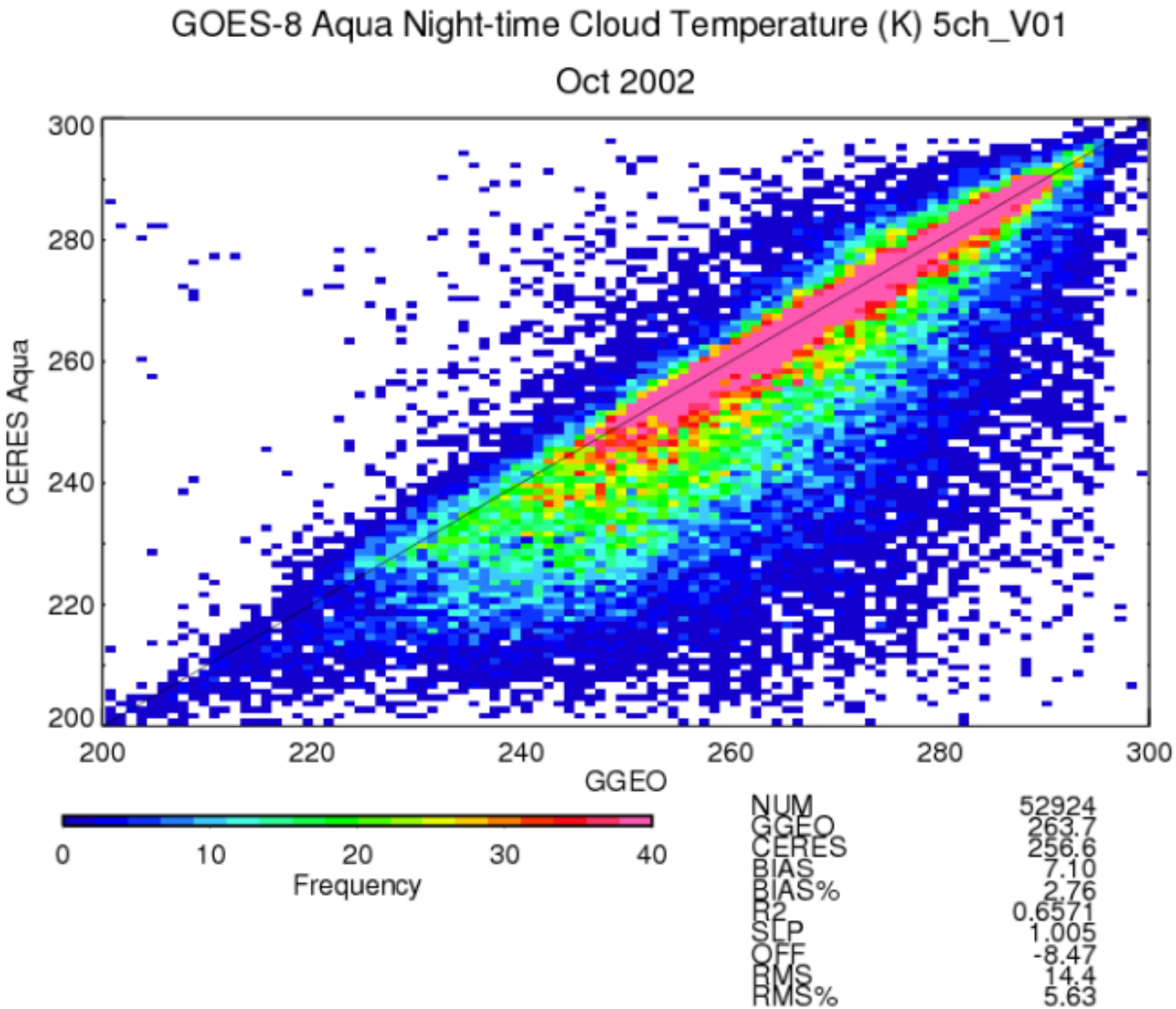

GOES-8 Aqua Daytime Log Liquid Water Path (g/m2) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 59055
GGEO 3.9
CERES 3.9
BIAS -0.01
BIAS% -0.29
R2 0.7044
SLP 0.869
OFF 0.52
RMS 0.6
RMS% 15.72

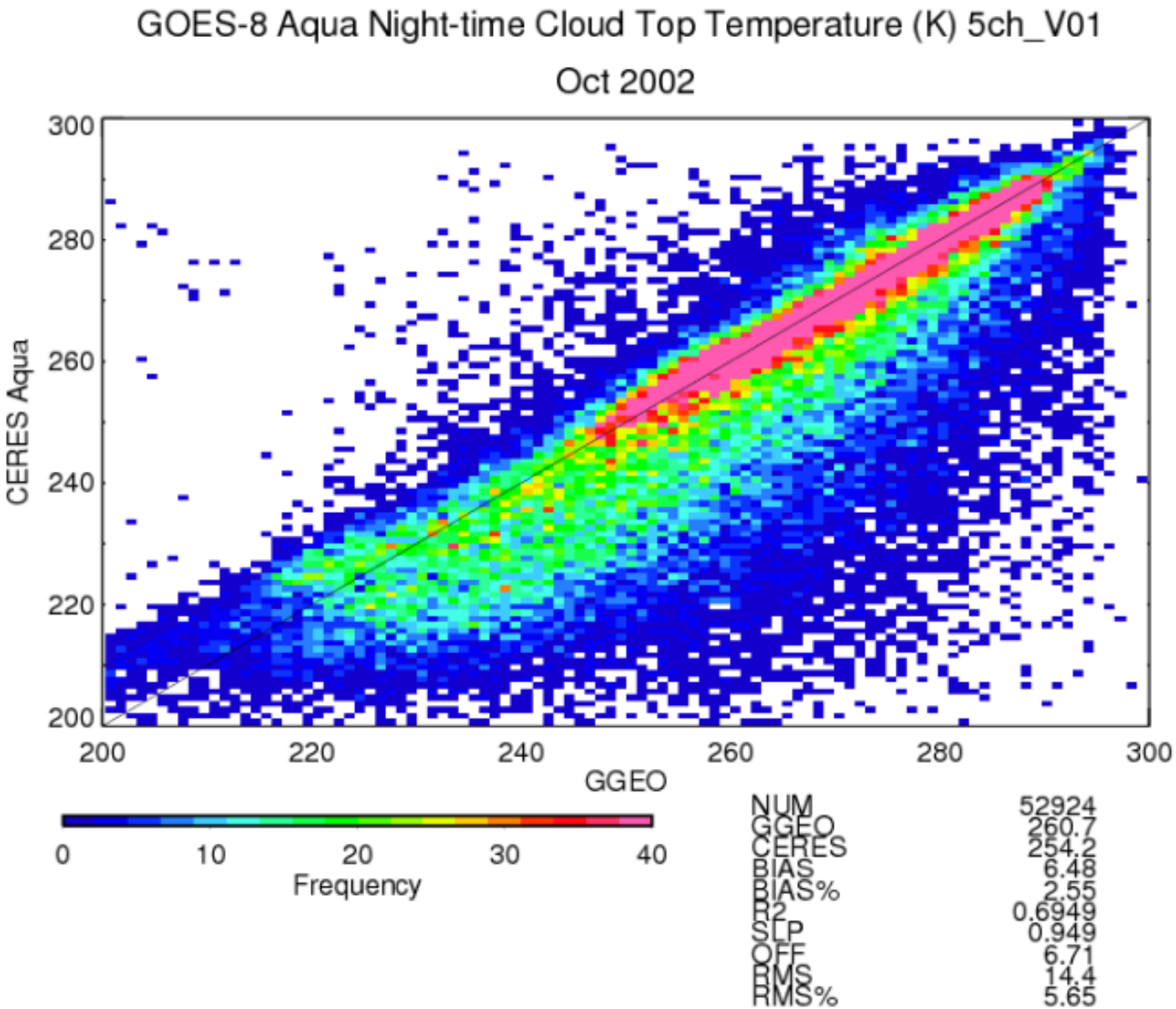

GOES-8 Aqua Daytime Log Ice Water Path (g/m2) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 45435
GGEO 3.5
CERES 3.7
BIAS -0.19
BIAS% -5.05
R2 0.7014
SLP 0.891
OFF 0.57
RMS 1.2
RMS% 33.43

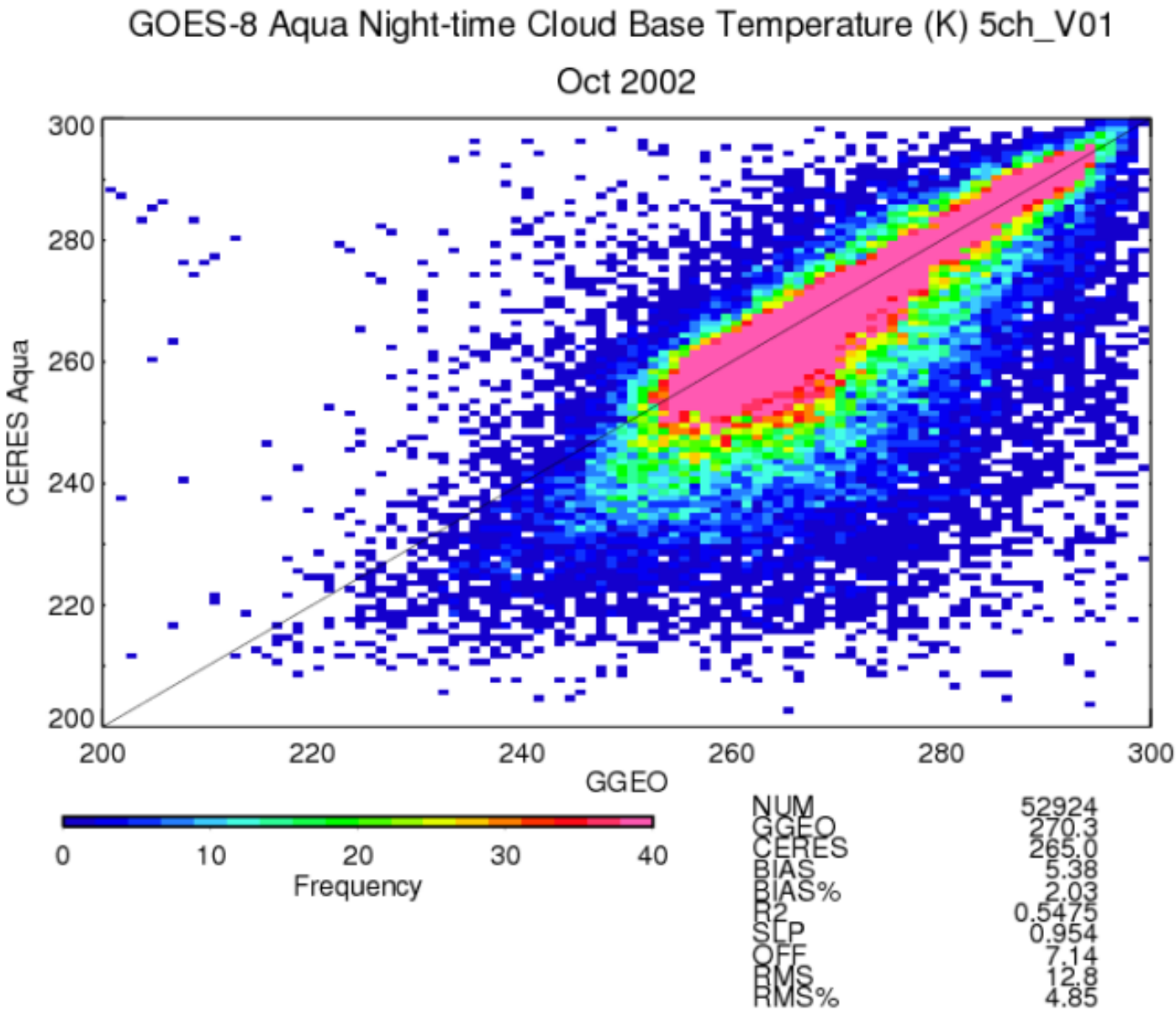

GOES-8 Aqua Daytime Emissivity 5ch_V01
Oct 2002
CERES Aqua
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
GGEO
0
10
20
30
40
Frequency
NUM 64555
GGEO 0.8
CERES 0.8
BIAS -0.02
BIAS% -2.25
R2 0.7327
SLP 0.786
OFF 0.18
RMS 0.1
RMS% 15.41

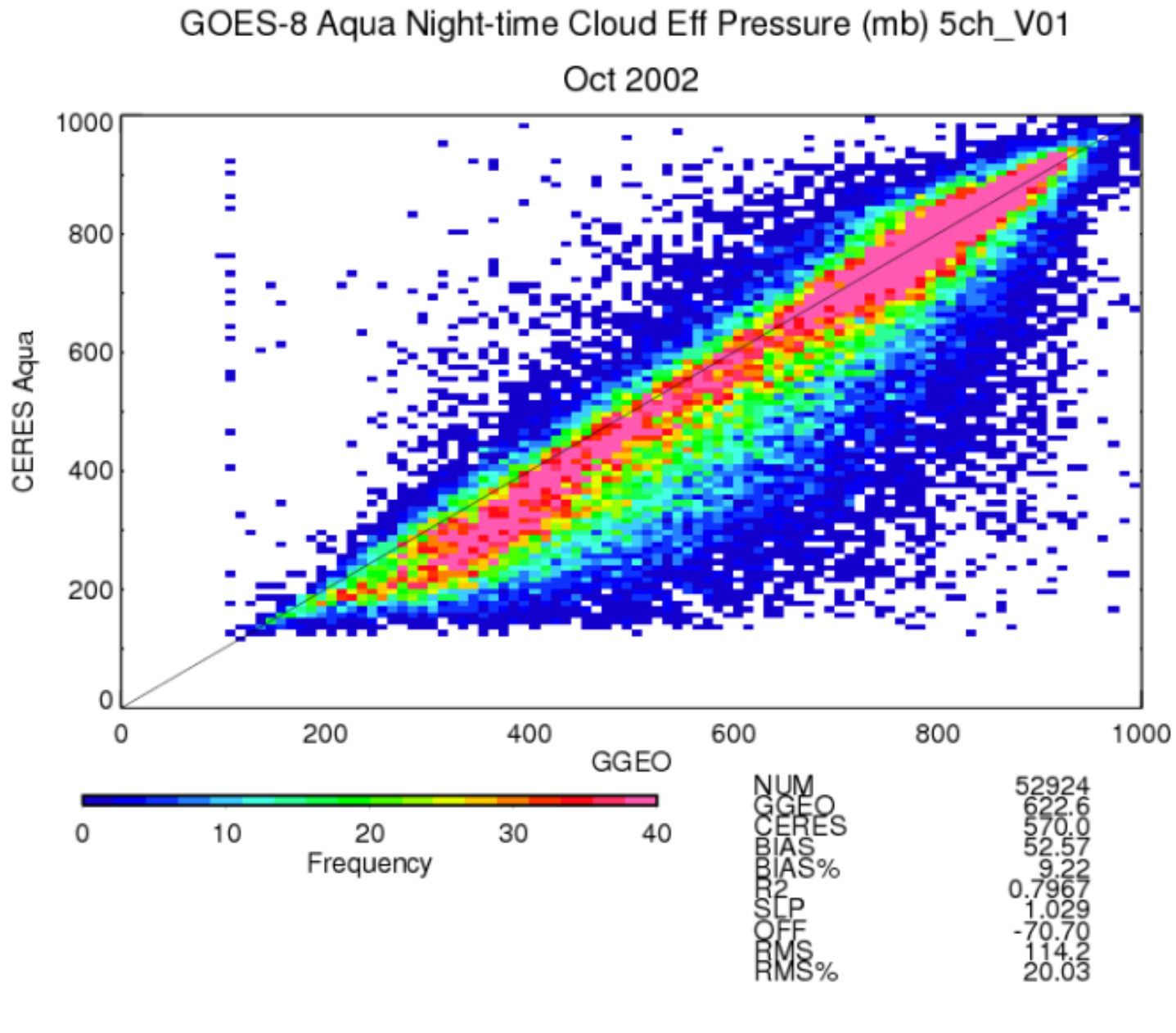

GOES-8 Aqua Daytime Skin Temperature (K) 5ch_V01
Oct 2002
CERES Aqua
340
315
290
265
240
240
265
290
315
340
GGEO
0
10
20
30
40
Frequency
NUM 20236
GGEO 300.3
CERES 299.2
BIAS 1.10
BIAS% 0.37
R2 0.7831
SLP 0.827
OFF 50.80
RMS 4.4
RMS% 1.46

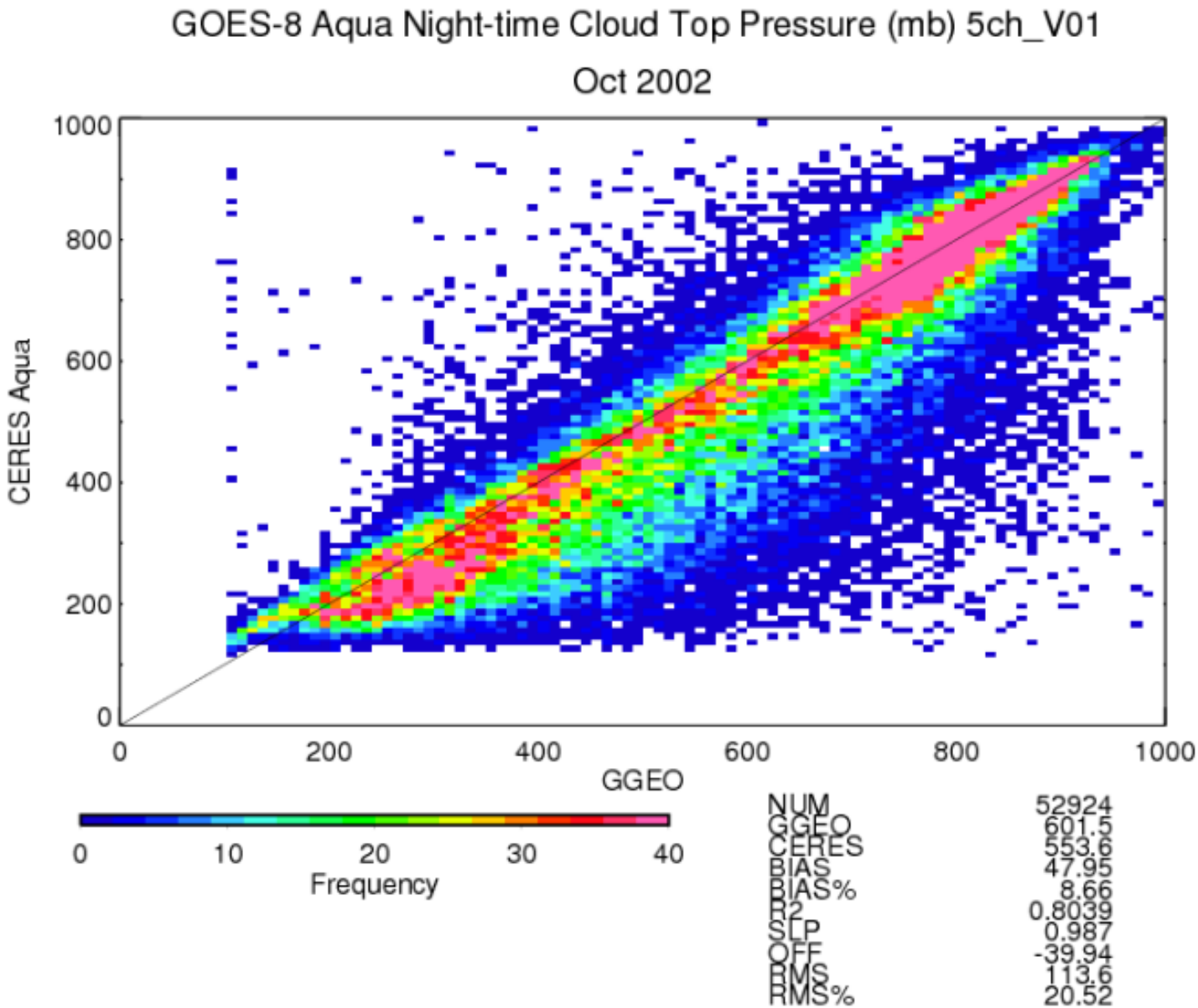

GOES-8 Aqua Night-time Cloud Amount (%) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
NUM 52924
GGEO 78.5
CERES 74.9
BIAS 3.59
BIAS% 4.79
R2 0.7583
SLP 0.907
OFF 3.69
RMS 16.1
RMS% 21.54

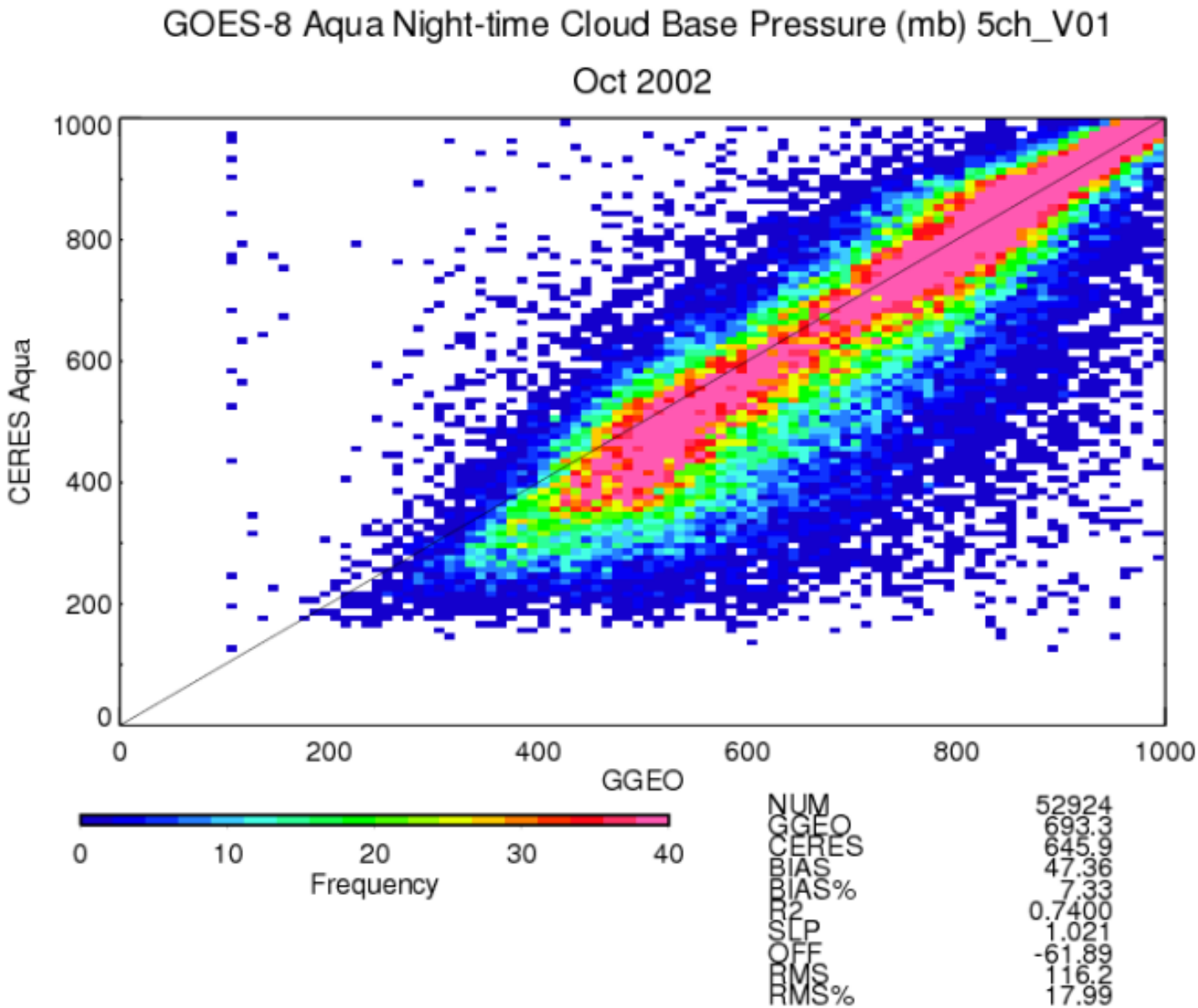

GOES-8 Aqua Night-time Cloud Temperature (K) 5ch_V01
Oct 2002
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 52924
GGEO 263.7
CERES 256.6
BIAS 7.10
BIAS% 2.76
R2 0.6571
SLP 1.005
OFF -8.47
RMS 14.4
RMS% 5.63

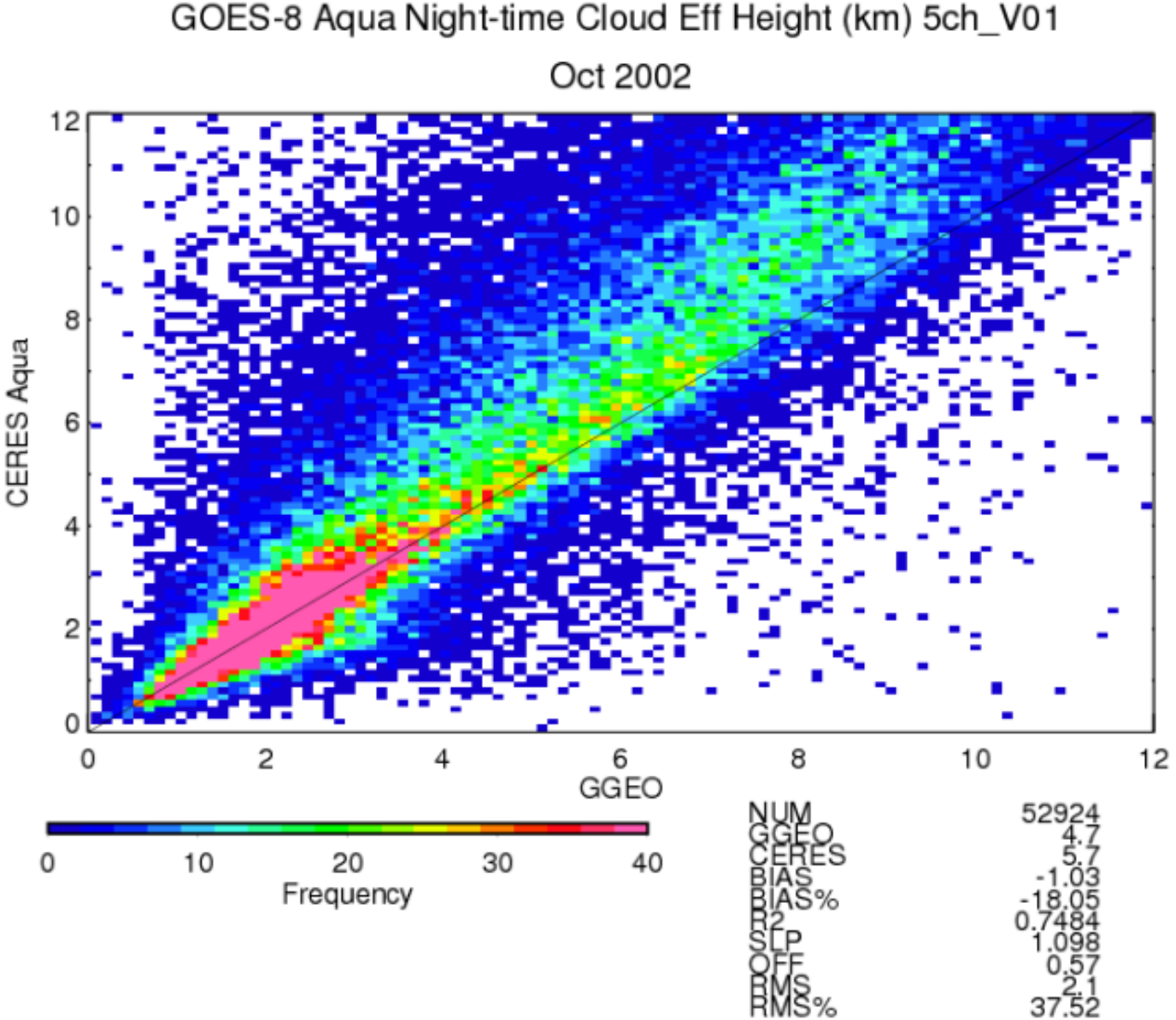

GOES-8 Aqua Night-time Cloud Top Temperature (K) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
NUM 52924
GGEO 260.7
CERES 254.2
BIAS 6.48
BIAS% 2.55
R2 0.6949
SLP 0.949
OFF 6.71
RMS 14.4
RMS% 5.65

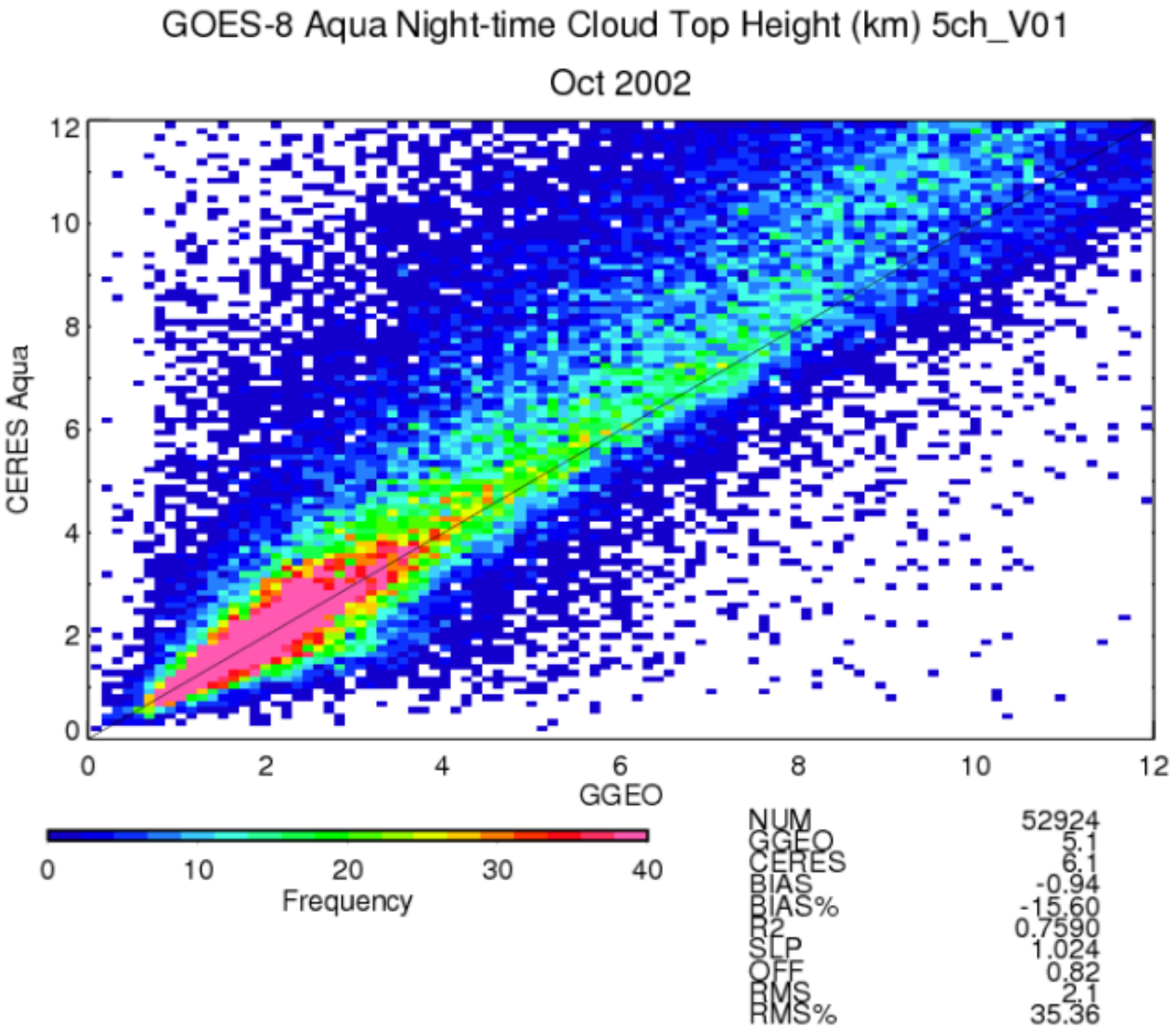

GOES-8 Aqua Night-time Cloud Base Temperature (K) 5ch_V01
Oct 2002
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 52924
GGEO 270.3
CERES 265.0
BIAS 5.38
BIAS% 2.03
R2 0.5475
SLP 0.954
OFF 7.14
RMS 12.8
RMS% 4.85

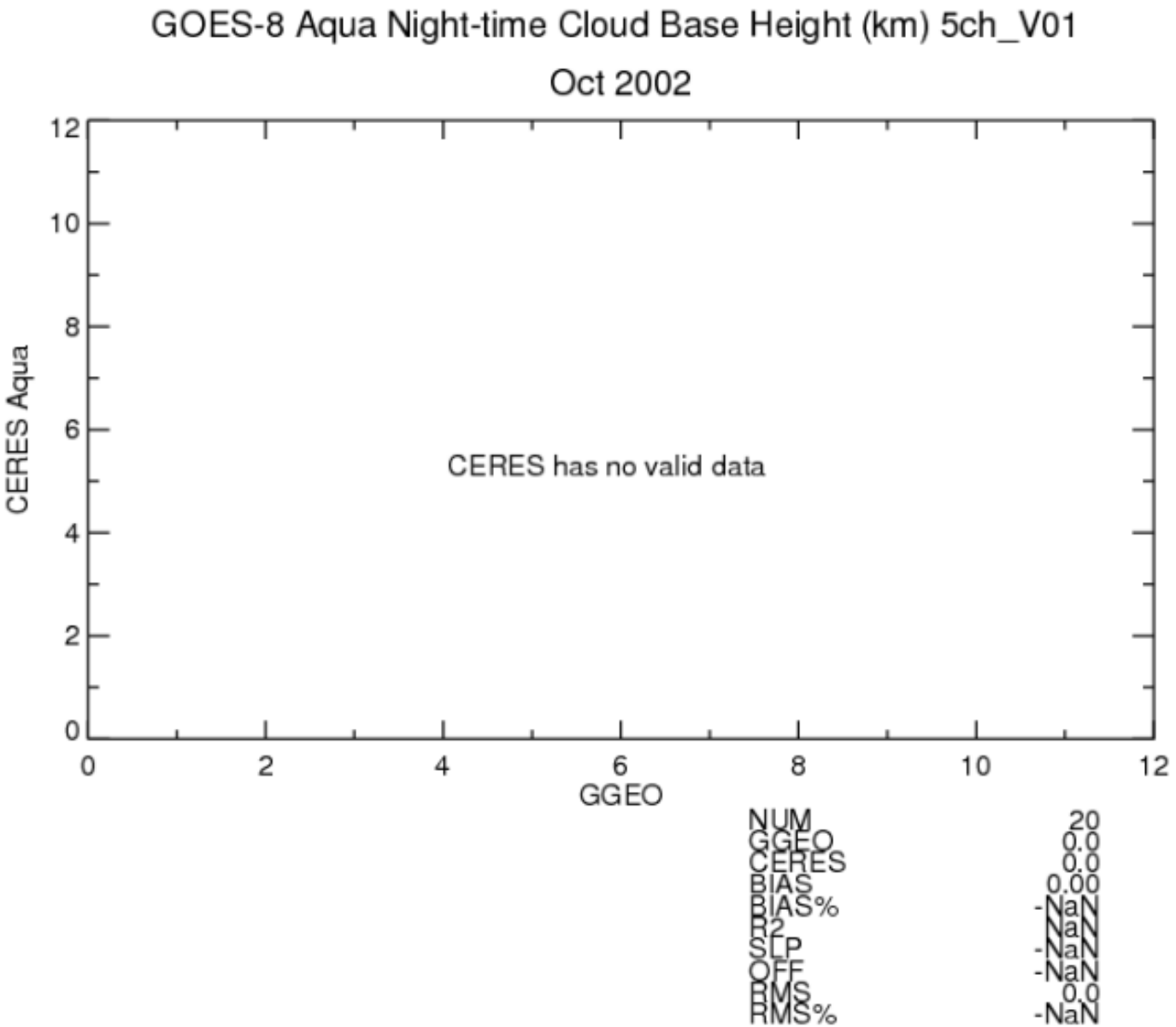

GOES-8 Aqua Night-time Cloud Eff Pressure (mb) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 52924
GGEO 622.6
CERES 570.0
BIAS 52.57
BIAS% 9.22
R2 0.7967
SLP 1.029
OFF -70.70
RMS 114.2
RMS% 20.03

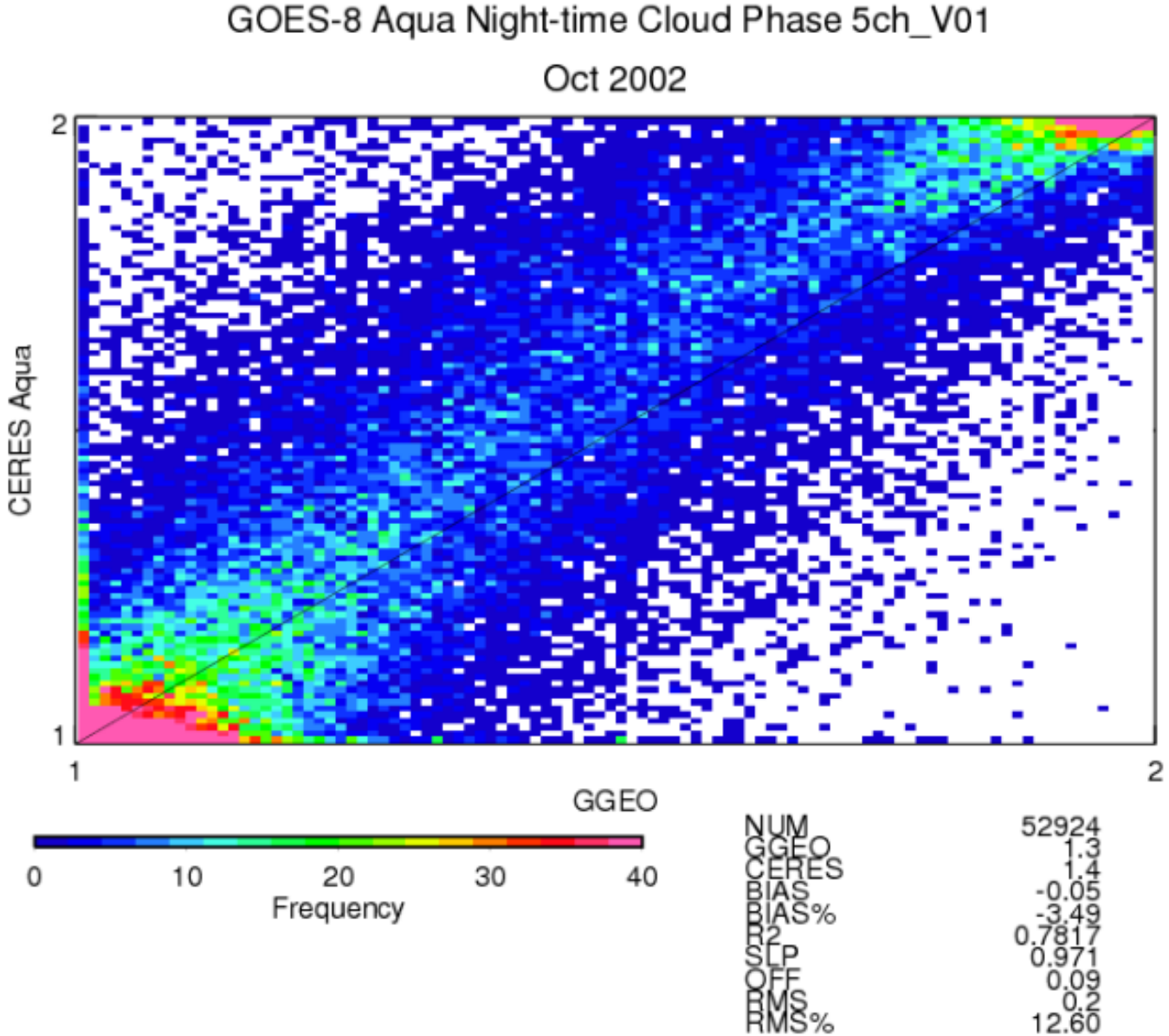

GOES-8 Aqua Night-time Cloud Top Pressure (mb) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 52924
GGEO 601.5
CERES 553.6
BIAS 47.95
BIAS% 8.66
R2 0.8039
SLP 0.987
OFF -39.94
RMS 113.6
RMS% 20.52

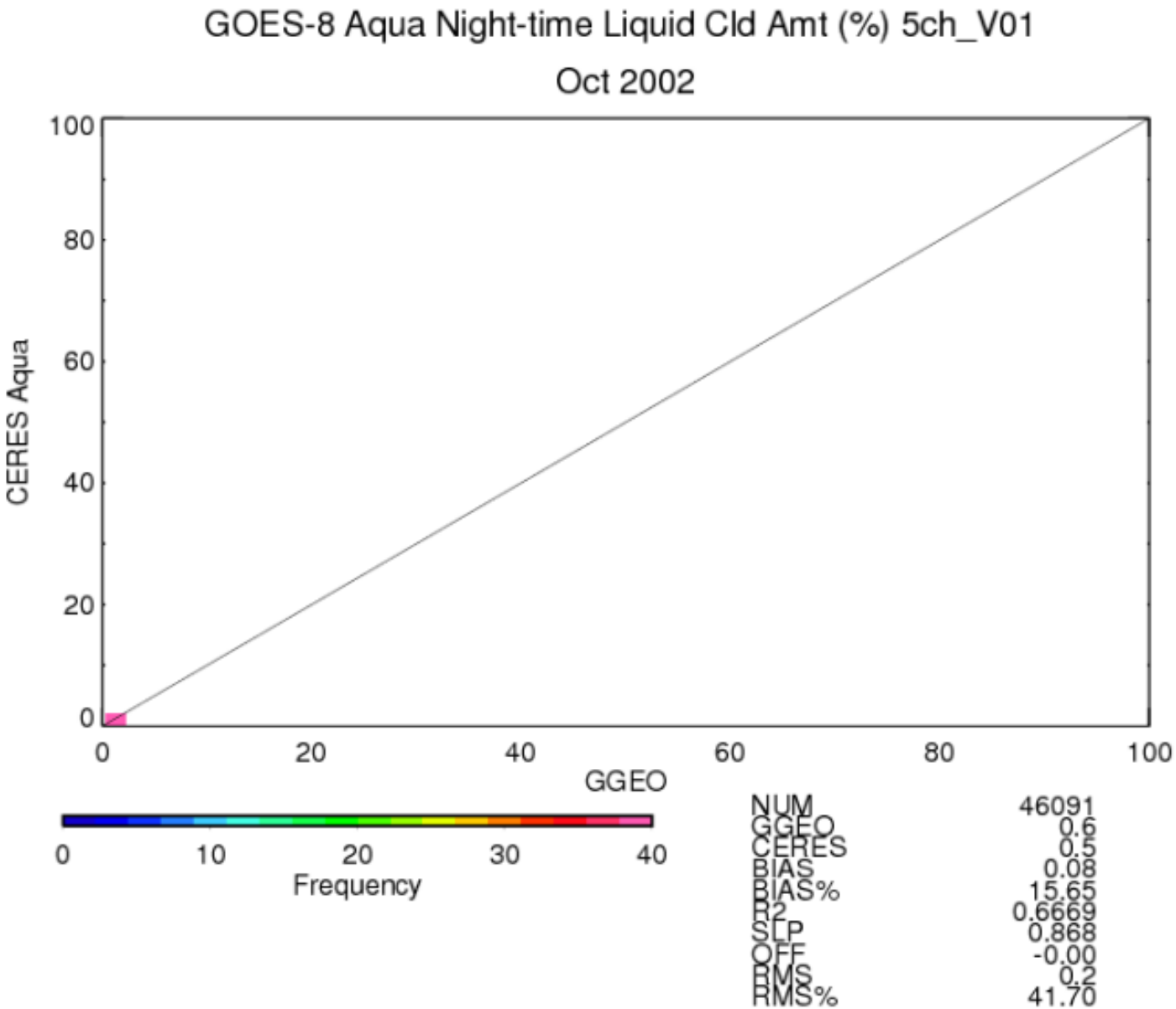

GOES-8 Aqua Night-time Cloud Base Pressure (mb) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 52924
GGEO 693.3
CERES 645.9
BIAS 47.36
BIAS% 7.33
R2 0.7400
SLP 1.021
OFF -61.89
RMS 116.2
RMS% 17.99

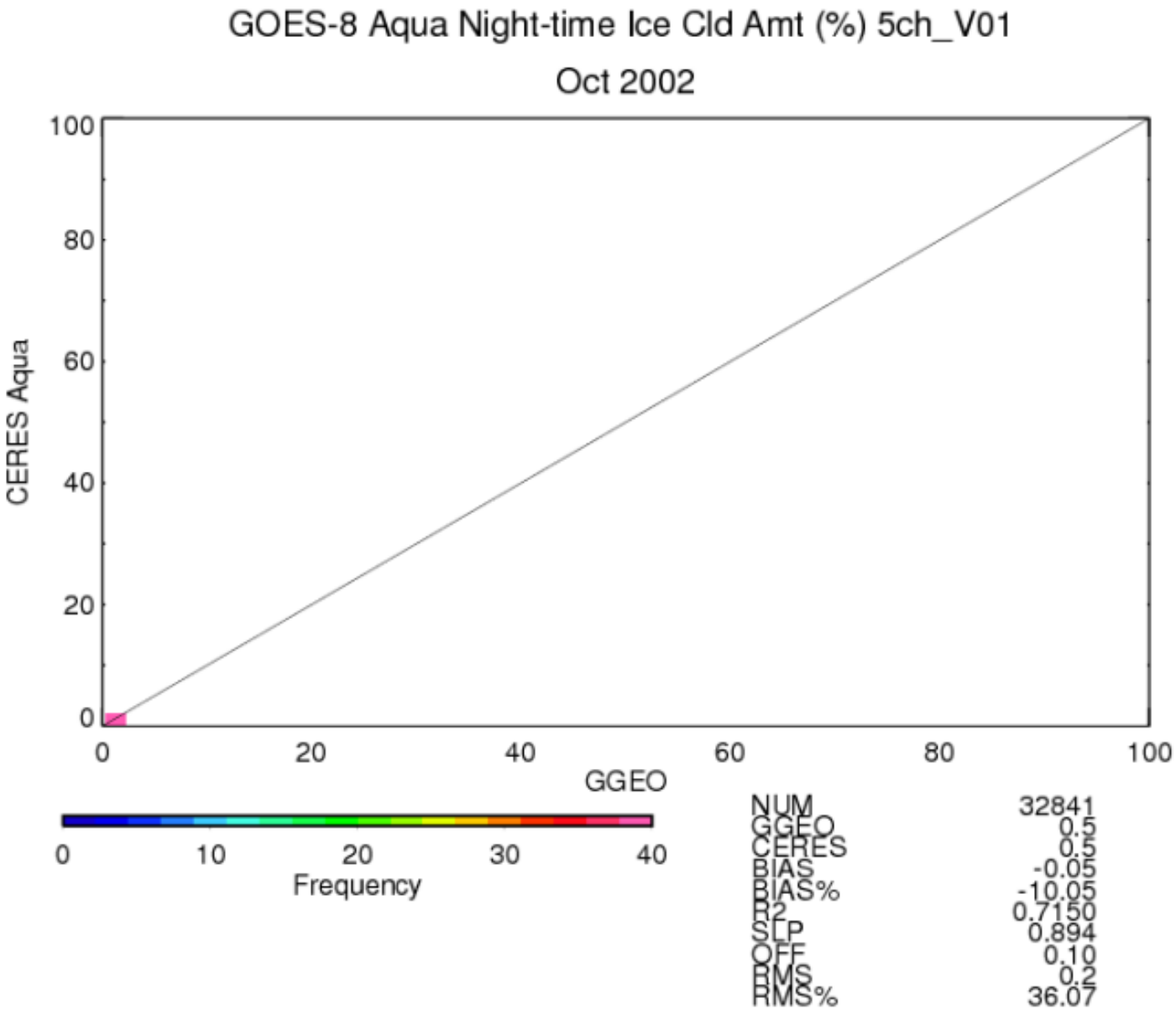

GOES-8 Aqua Night-time Cloud Eff Height (km) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
2
4
6
8
10
12
Frequency
0
10
20
30
40
NUM 52924
GGEO 4.7
CERES 5.7
BIAS -1.03
BIAS% -18.05
R2 0.7484
SLP 1.098
OFF 0.57
RMS 2.1
RMS% 37.52

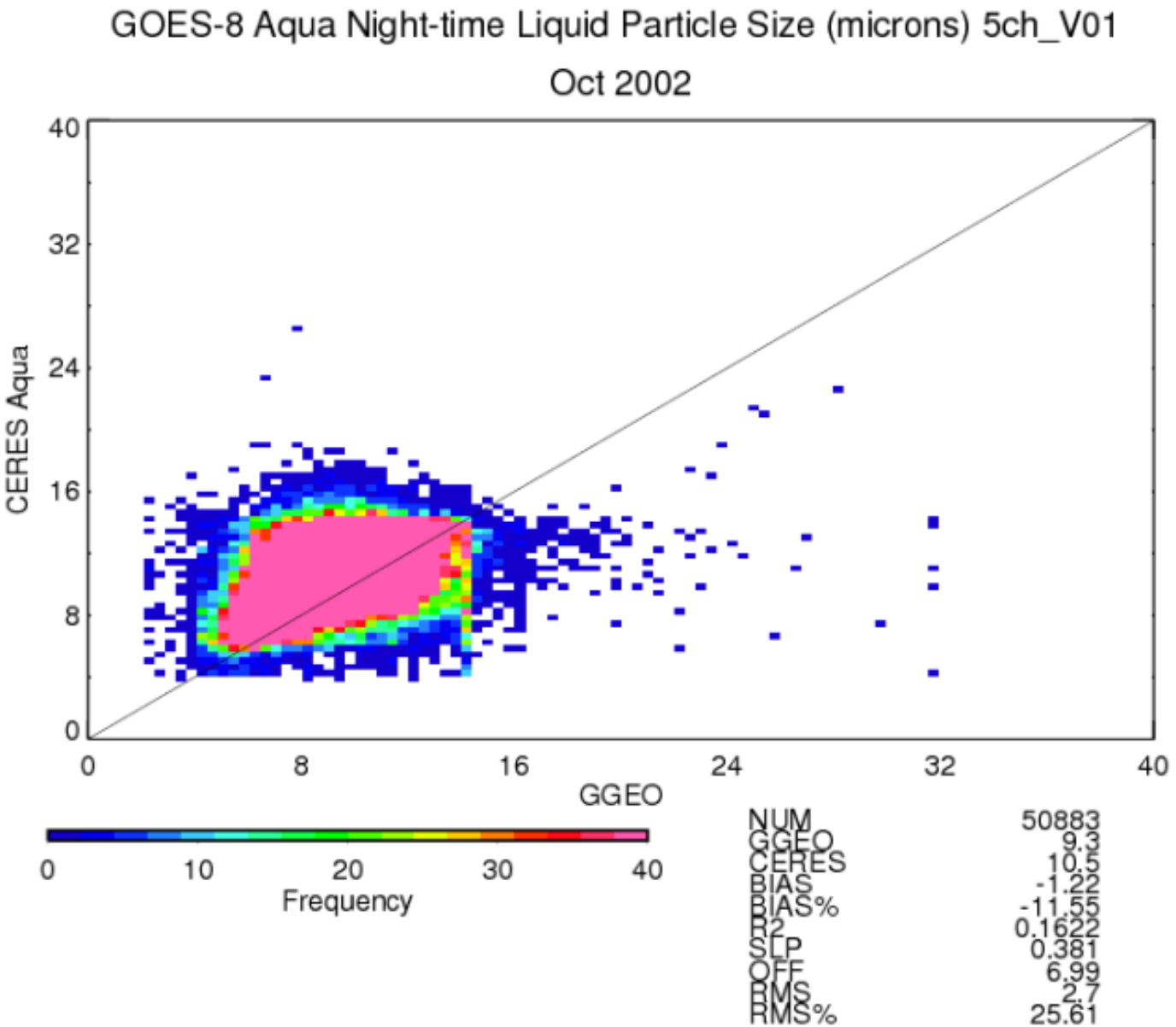

GOES-8 Aqua Night-time Cloud Top Height (km) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
NUM 52924
GGEO 5.1
CERES 6.1
BIAS -0.94
BIAS% -15.60
R2 0.7590
SLP 1.024
OFF 0.82
RMS 2.1
RMS% 35.36

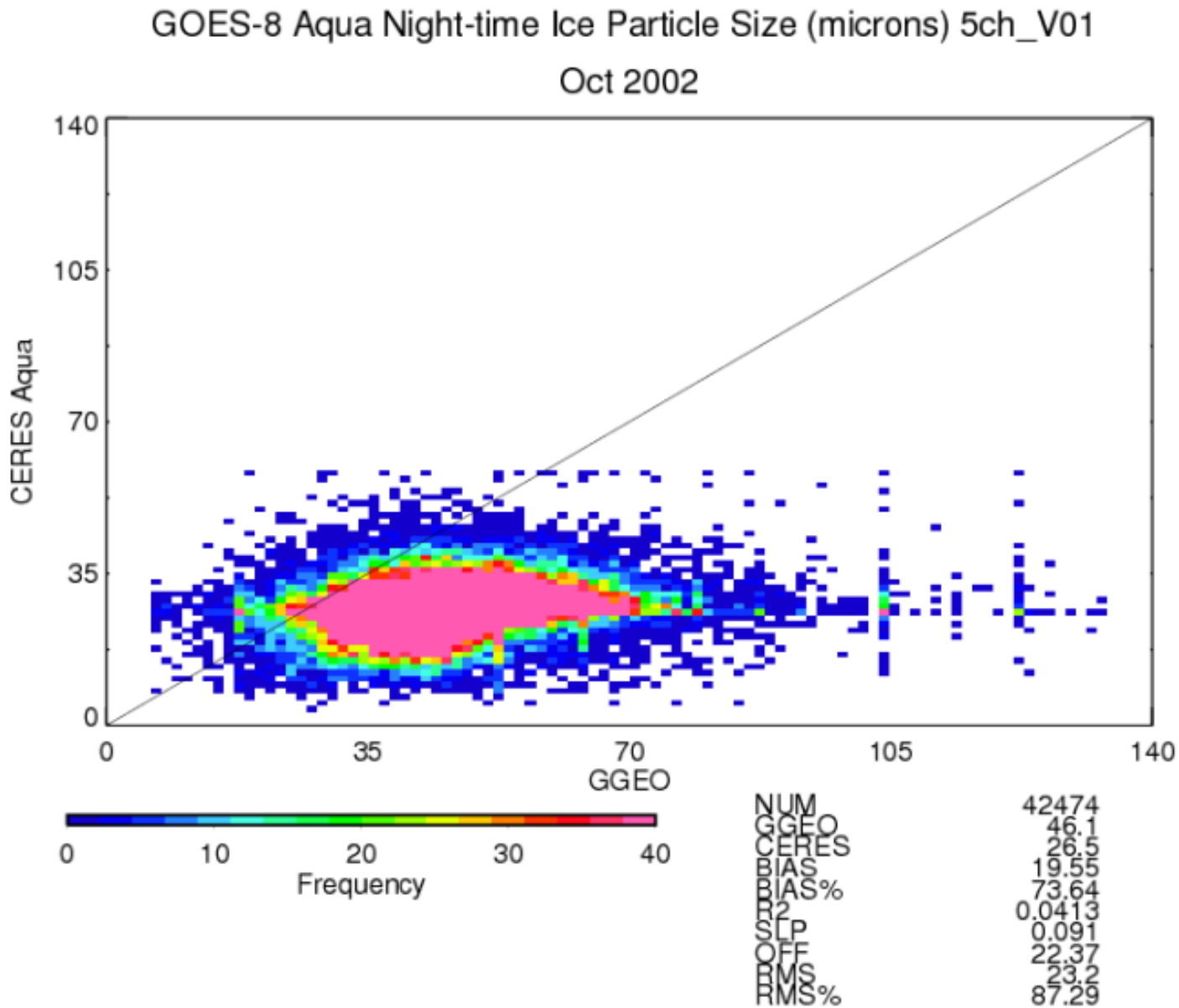

GOES-8 Aqua Night-time Cloud Base Height (km) 5ch_V01
Oct 2002
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

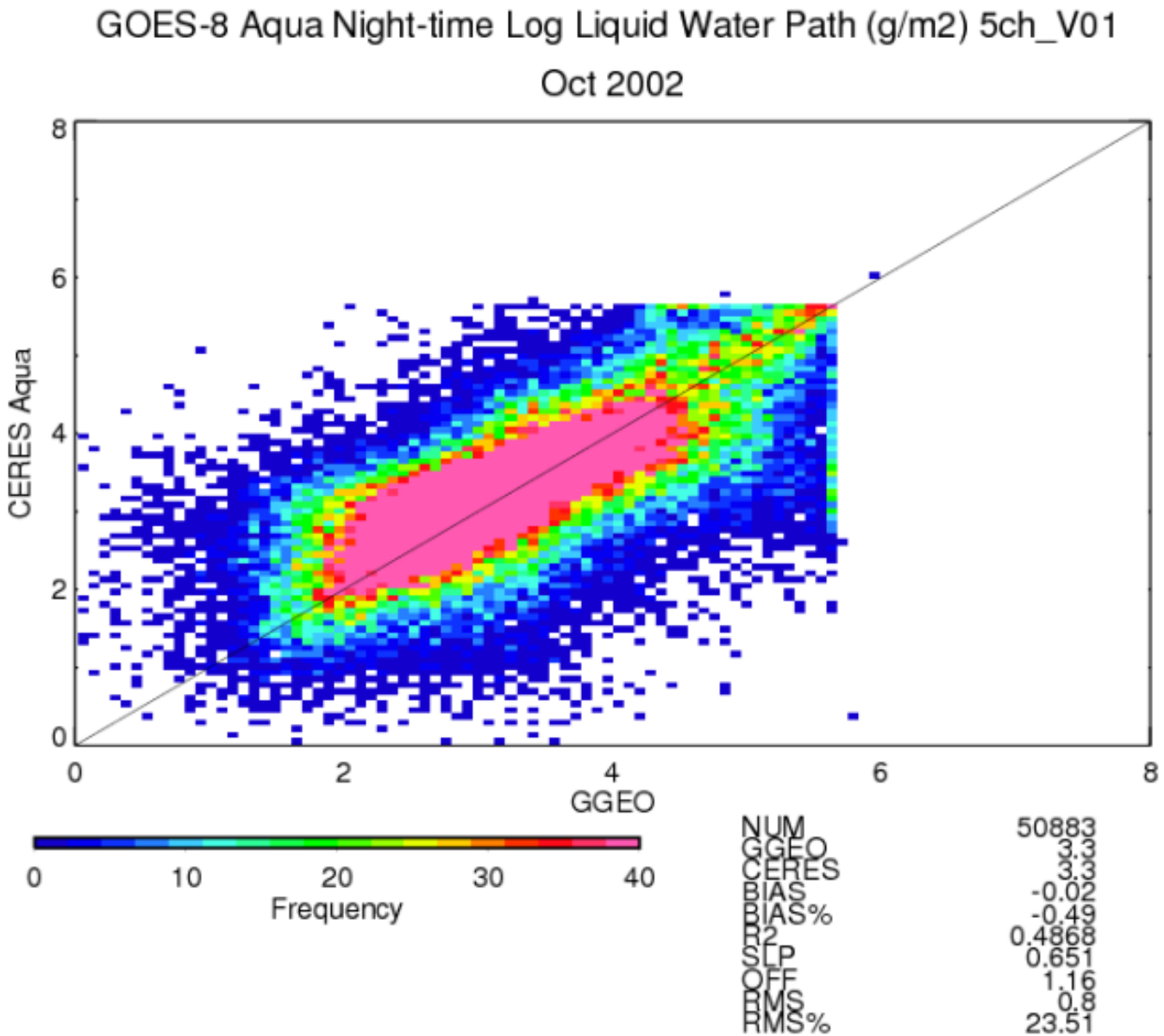

GOES-8 Aqua Night-time Cloud Phase 5ch_V01
Oct 2002
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 52924
GGEO 1.3
CERES 1.4
BIAS -0.05
BIAS% -3.49
R2 0.7817
SLP 0.971
OFF 0.09
RMS 0.2
RMS% 12.60

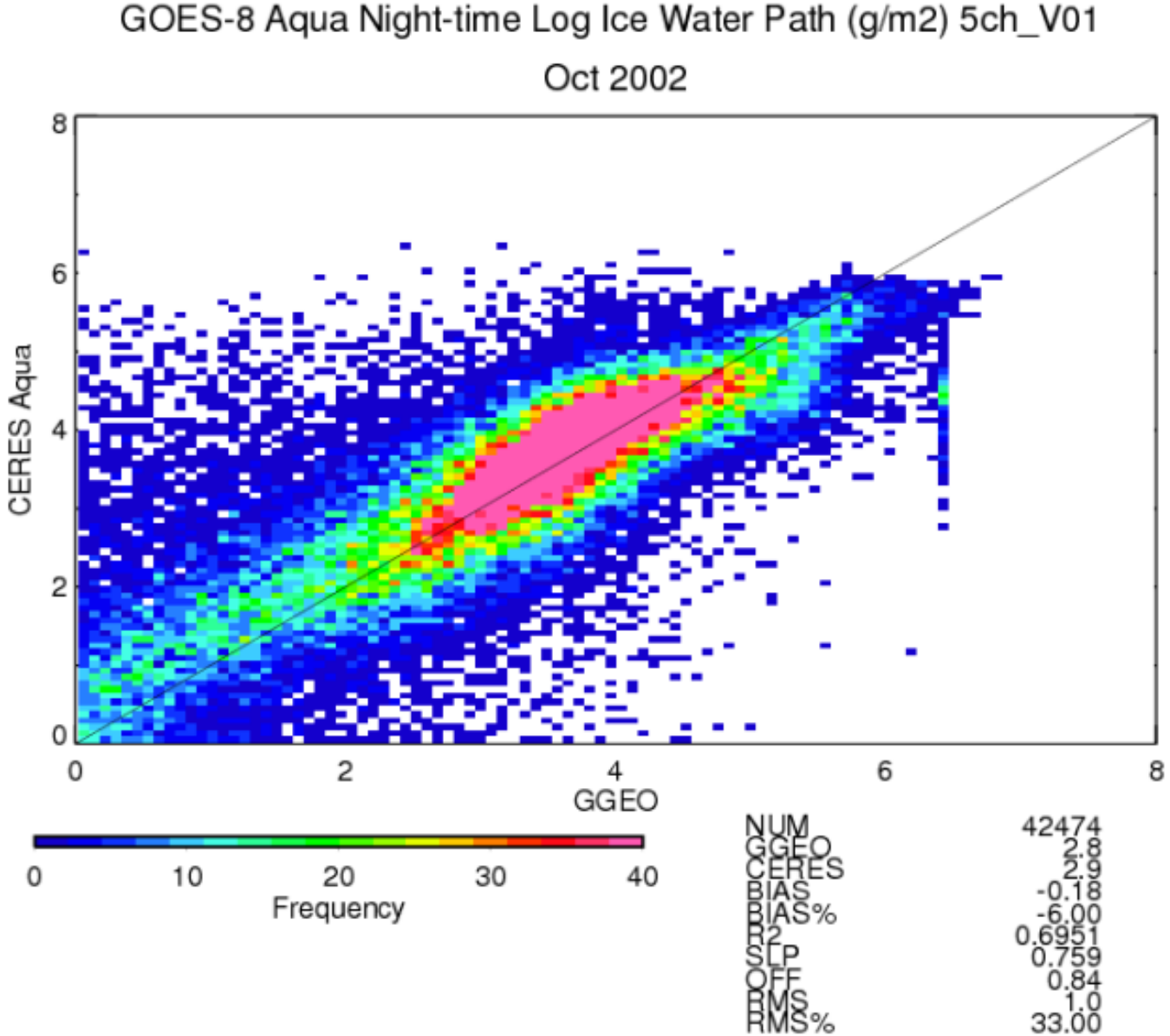

GOES-8 Aqua Night-time Liquid Cld Amt (%) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
20
40
60
80
100
Frequency
0
10
20
30
40
NUM 46091
GGEO 0.6
CERES 0.5
BIAS 0.08
BIAS% 15.65
R2 0.6669
SLP 0.868
OFF -0.00
RMS 0.2
RMS% 41.70

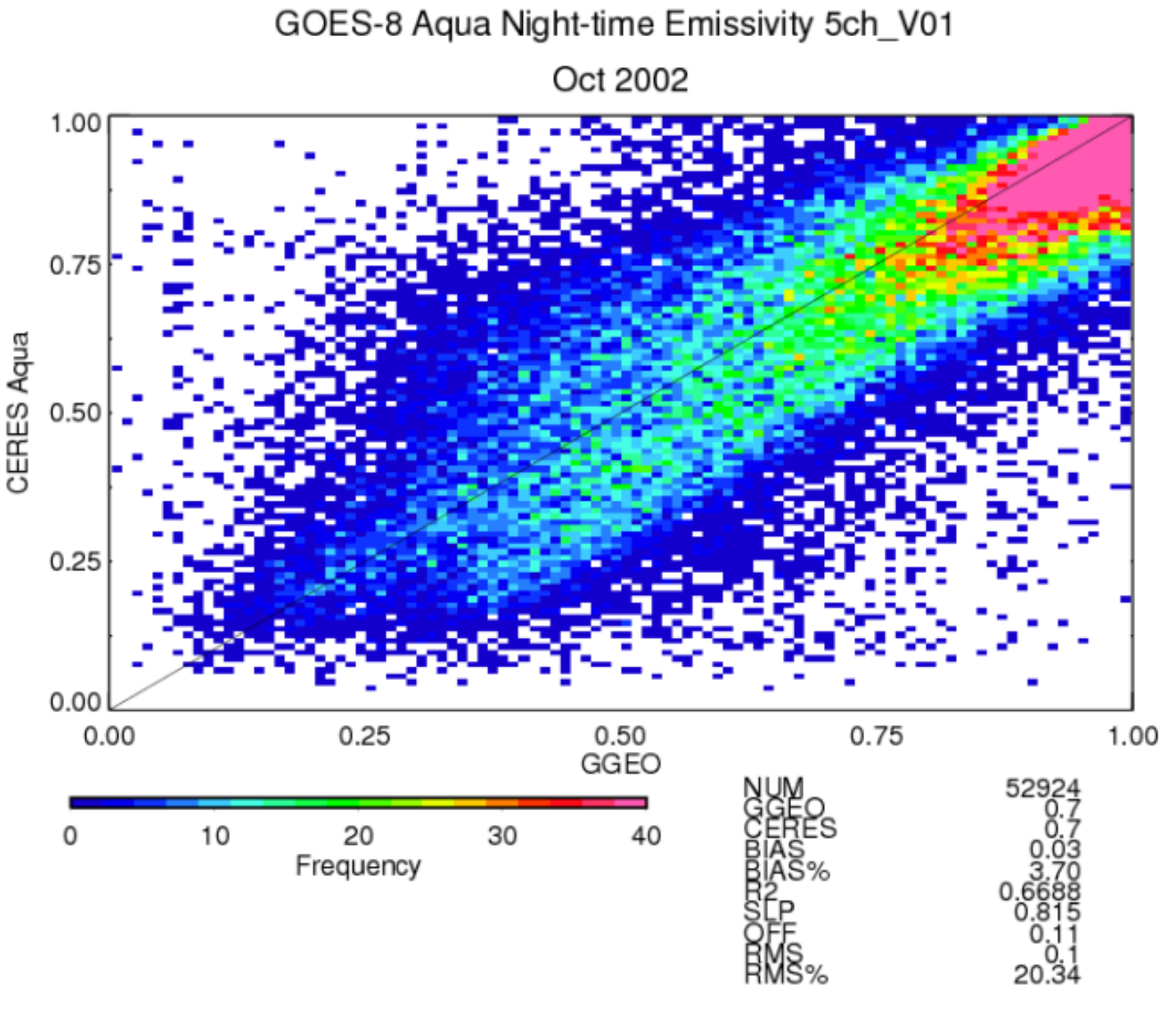

GOES-8 Aqua Night-time Ice Cld Amt (%) 5ch_V01
Oct 2002
CERES Aqua
GGEO
Frequency
NUM 32841
GGEO 0.5
CERES 0.5
BIAS -0.05
BIAS% -10.05
R2 0.7150
SLP 0.894
OFF 0.10
RMS 0.2
RMS% 36.07

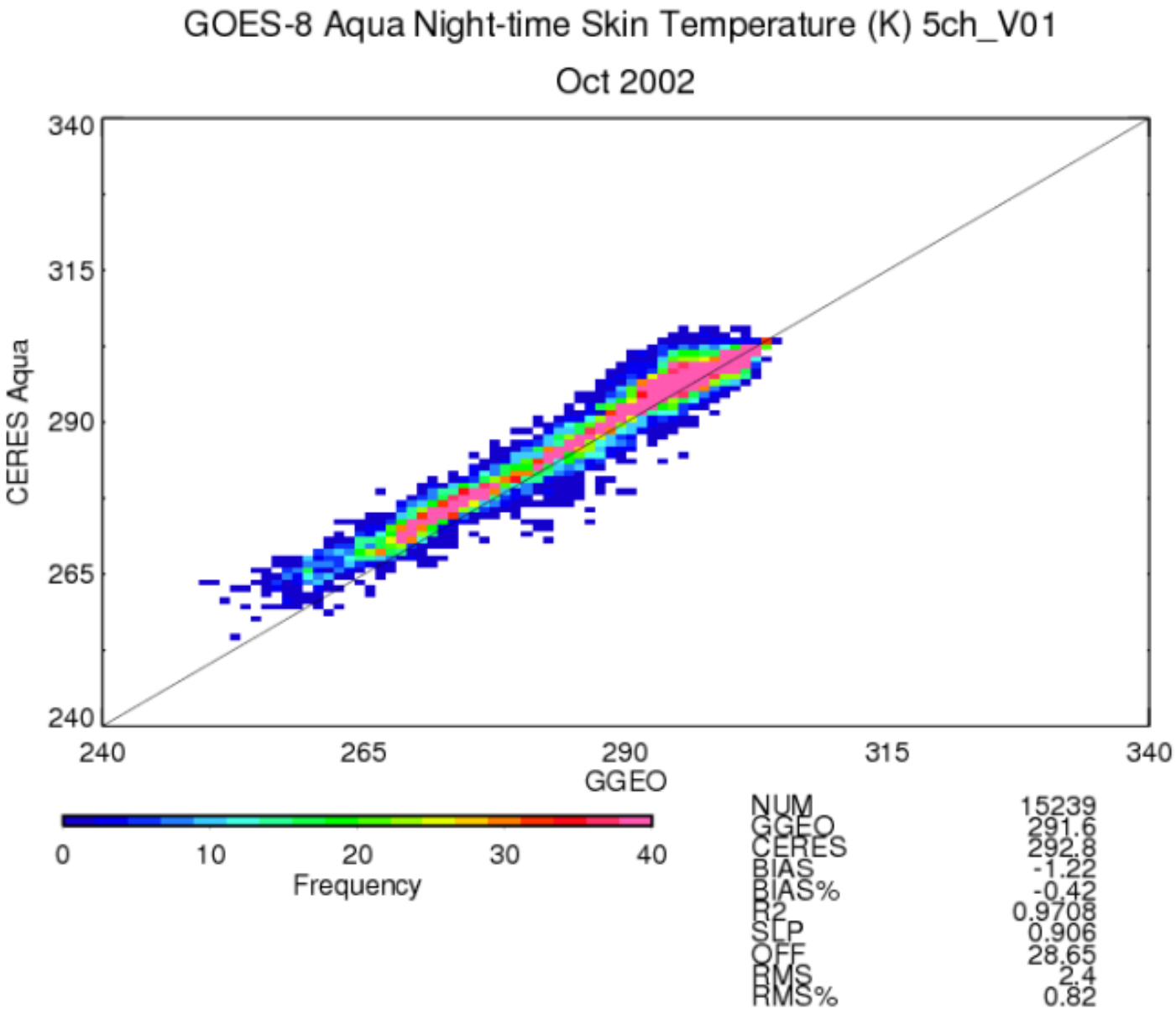

GOES-8 Aqua Night-time Liquid Particle Size (microns) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
8
16
24
32
40
Frequency
0
10
20
30
40
NUM 50883
GGEO 9.3
CERES 10.5
BIAS -1.22
BIAS% -11.55
R2 0.1622
SLP 0.381
OFF 6.99
RMS 2.7
RMS% 25.61


GOES-8 Aqua Night-time Ice Particle Size (microns) 5ch_V01
Oct 2002
CERES Aqua
140
105
70
35
0
0
35
70
105
140
GGEO
0
10
20
30
40
Frequency
NUM 42474
GGEO 46.1
CERES 26.5
BIAS 19.55
BIAS% 73.64
R2 0.0413
SLP 0.091
OFF 22.37
RMS 23.2
RMS% 87.29


GOES-8 Aqua Night-time Log Liquid Water Path (g/m2) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 50883
GGEO 3.3
CERES 3.3
BIAS -0.02
BIAS% -0.49
R2 0.4868
SLP 0.651
OFF 1.16
RMS 0.8
RMS% 23.51


GOES-8 Aqua Night-time Log Ice Water Path (g/m2) 5ch_V01
Oct 2002
CERES Aqua
GGEO
0
2
4
6
8
Frequency
0
10
20
30
40
NUM 42474
GGEO 2.8
CERES 2.9
BIAS -0.18
BIAS% -6.00
R2 0.6951
SLP 0.759
OFF 0.84
RMS 1.0
RMS% 33.00


GOES-8 Aqua Night-time Emissivity 5ch_V01
Oct 2002
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 52924
GGEO 0.7
CERES 0.7
BIAS 0.03
BIAS% 3.70
R2 0.6688
SLP 0.815
OFF 0.11
RMS 0.1
RMS% 20.34


GOES-8 Aqua Night-time Skin Temperature (K) 5ch_V01
Oct 2002
CERES Aqua
340
315
290
265
240
240
265
290
315
340
GGEO
0
10
20
30
40
Frequency
NUM 15239
GGEO 291.6
CERES 292.8
BIAS -1.22
BIAS% -0.42
R2 0.9708
SLP 0.906
OFF 28.65
RMS 2.4
RMS% 0.82