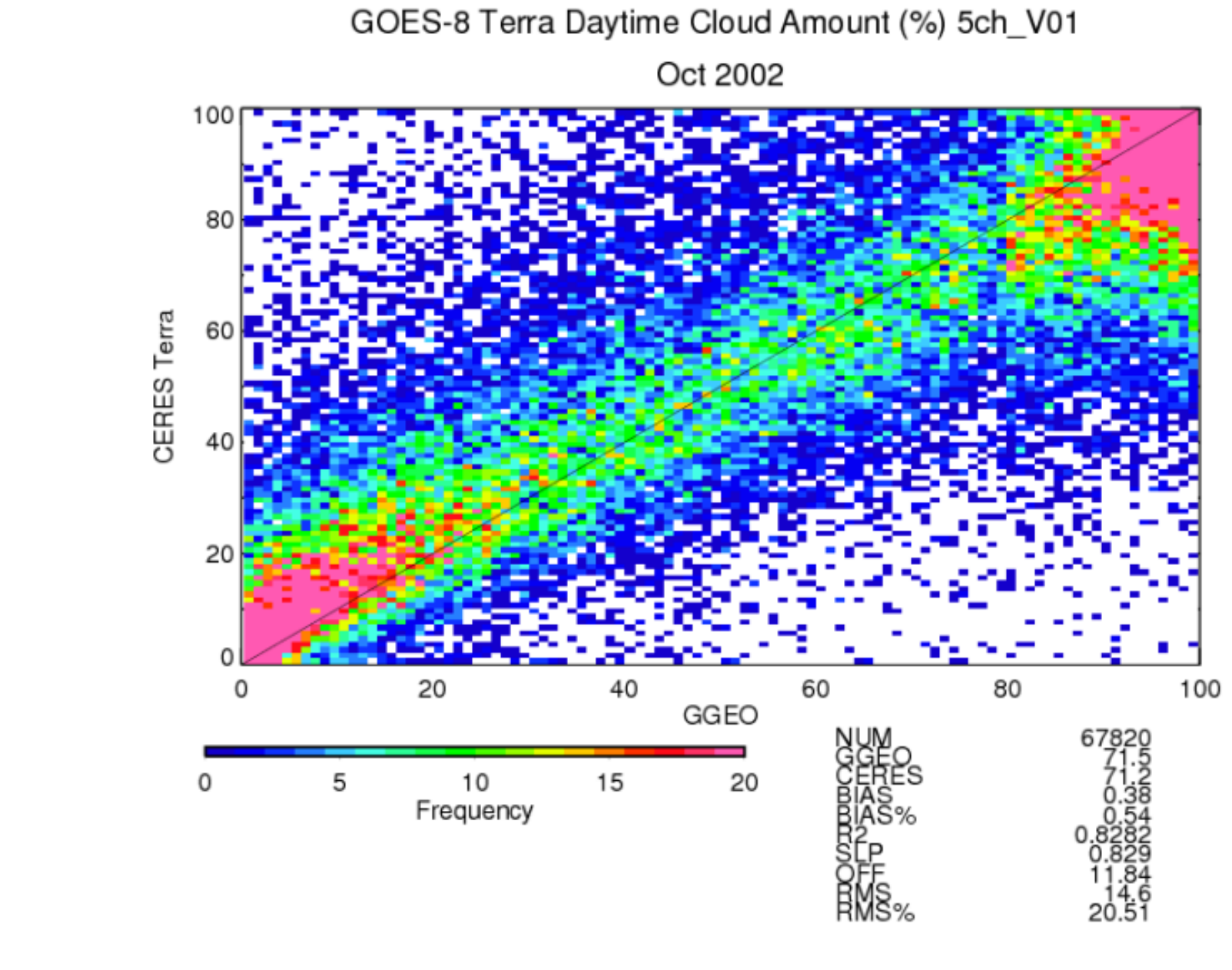
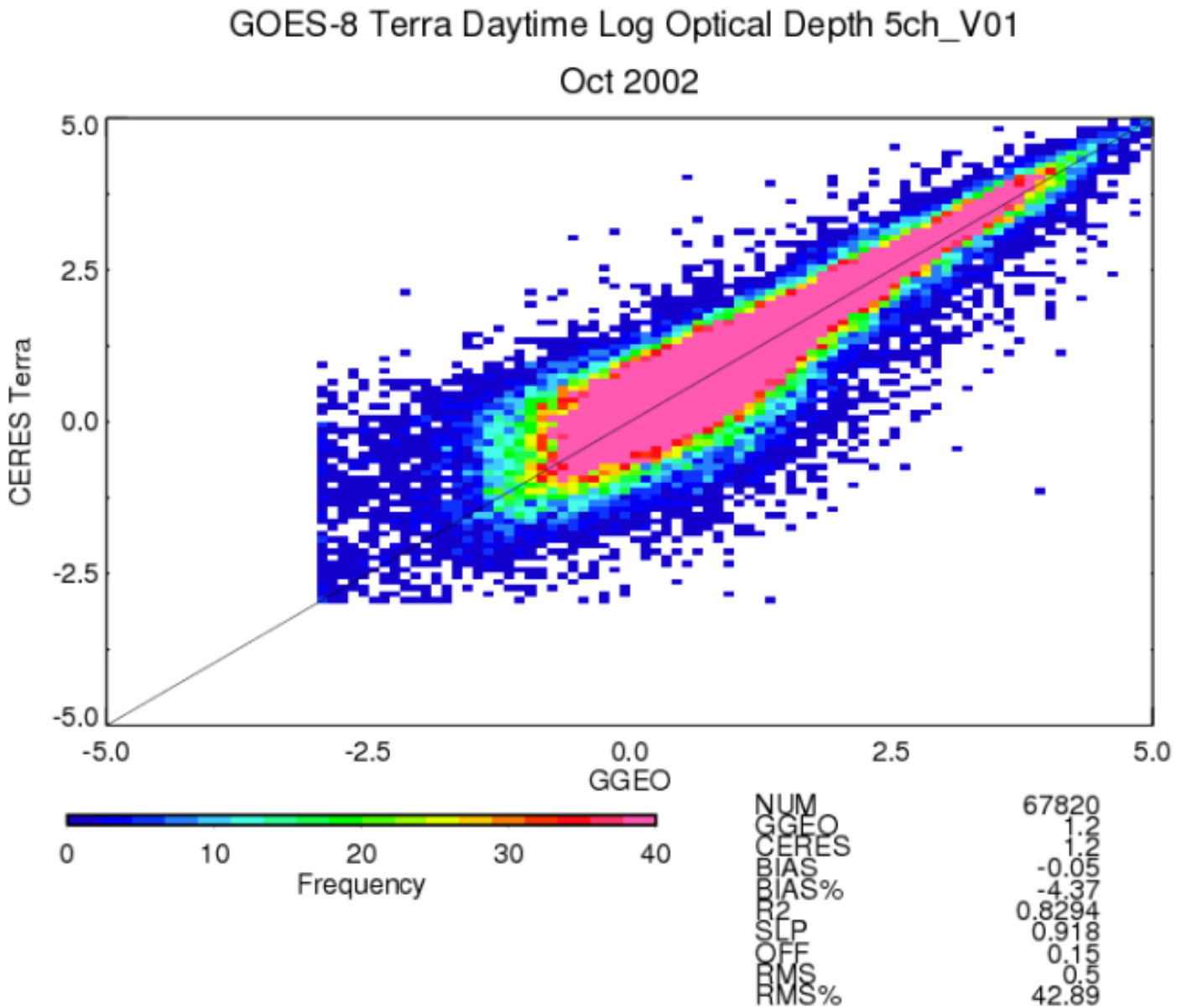
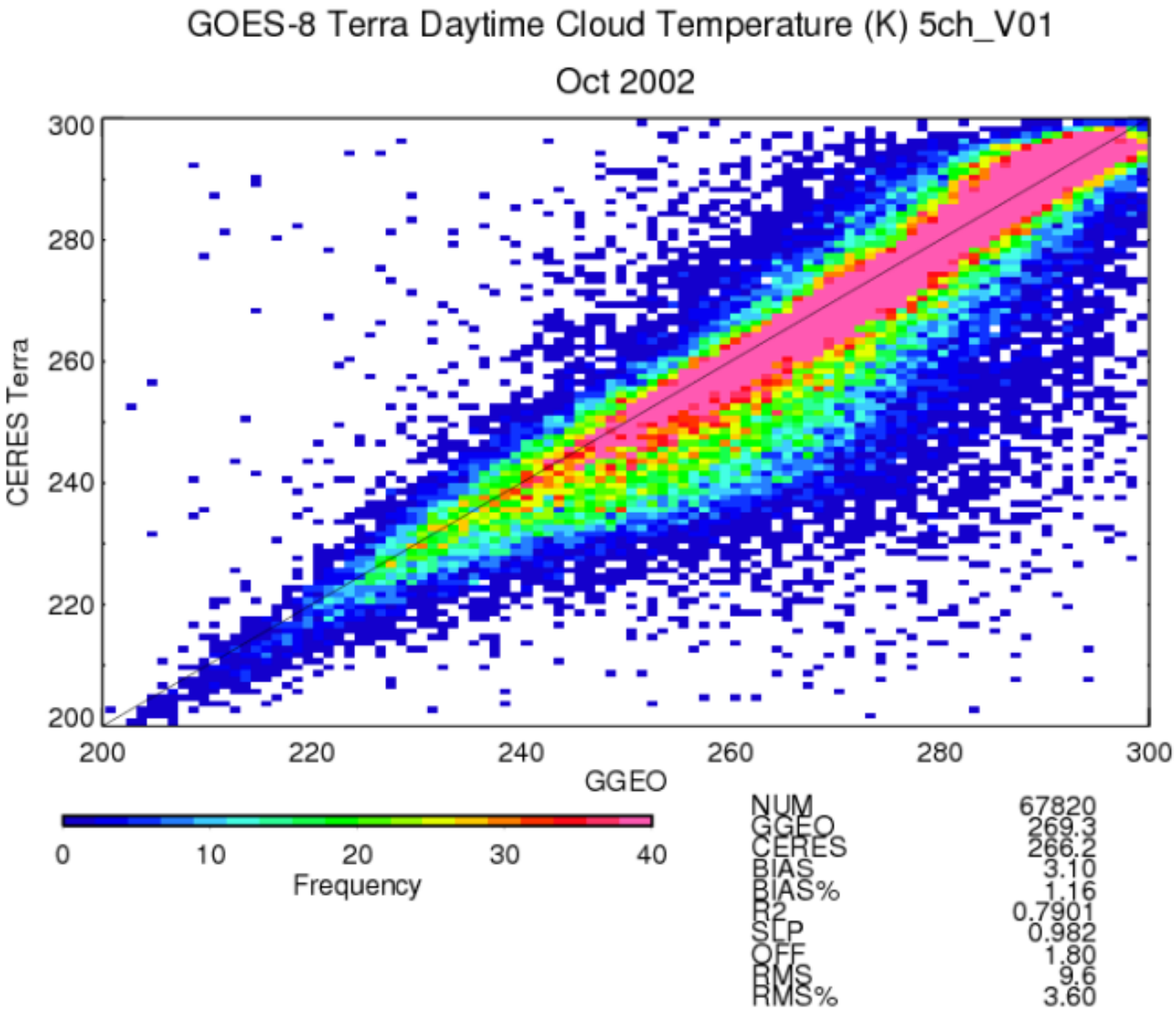
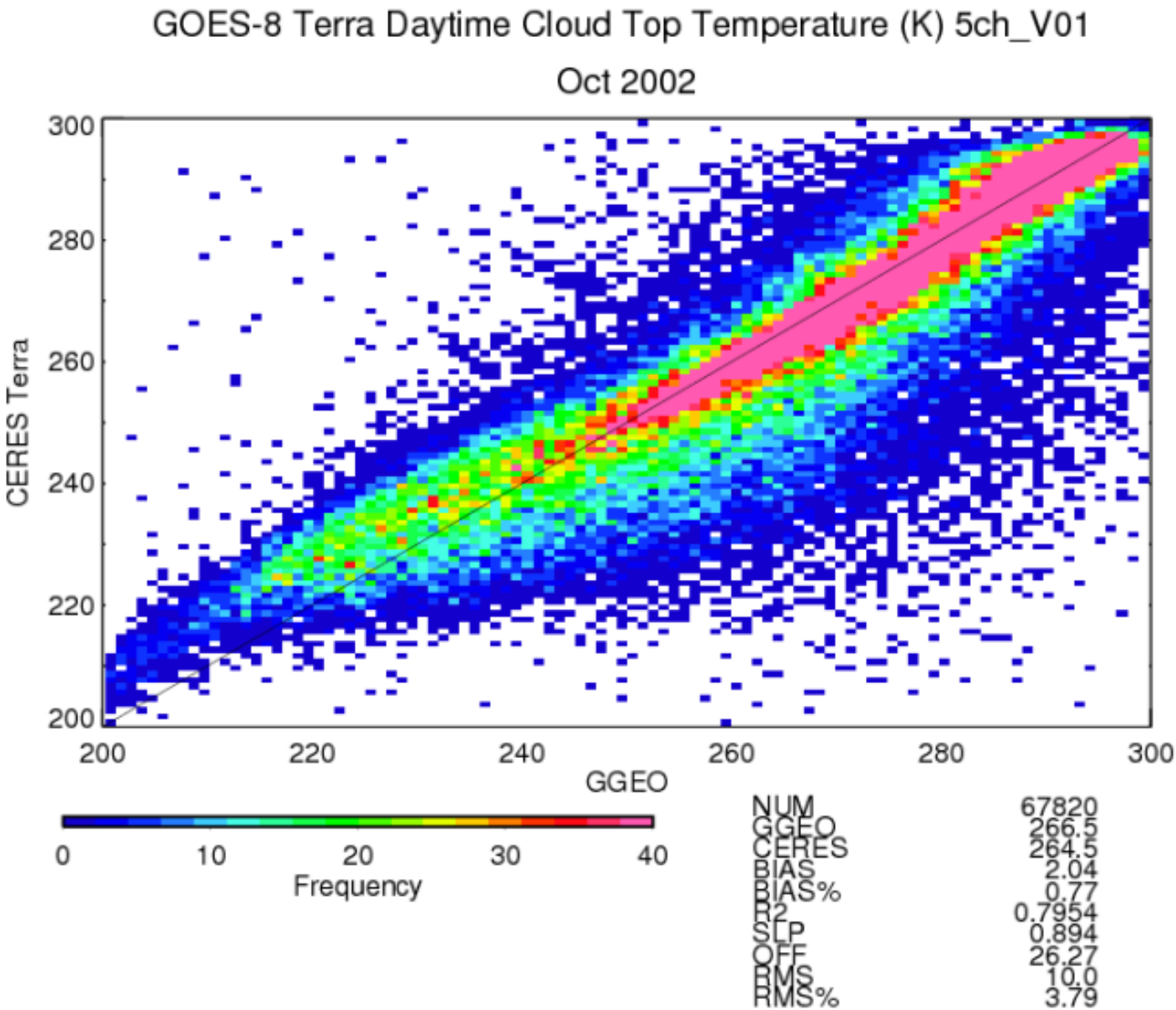
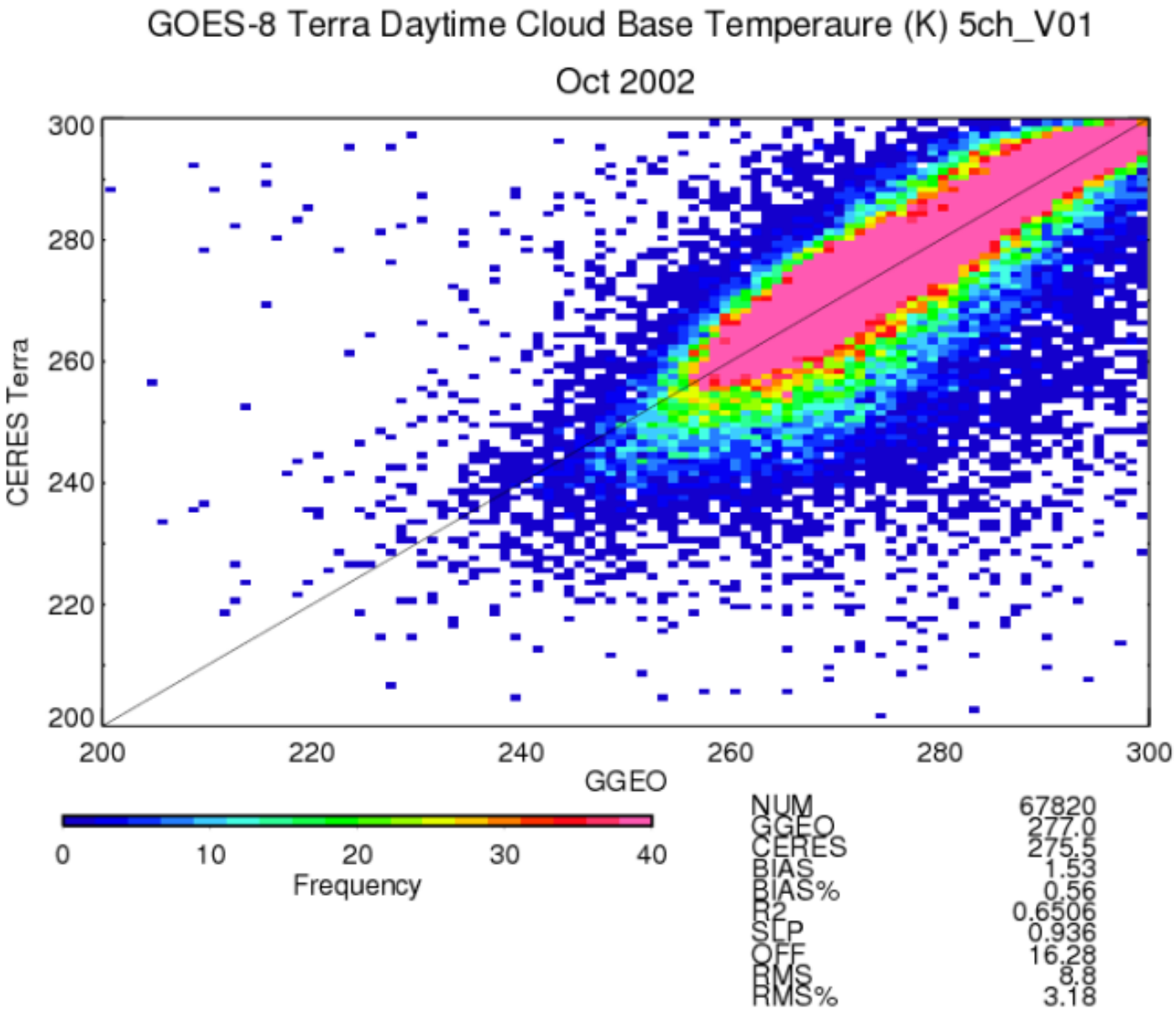
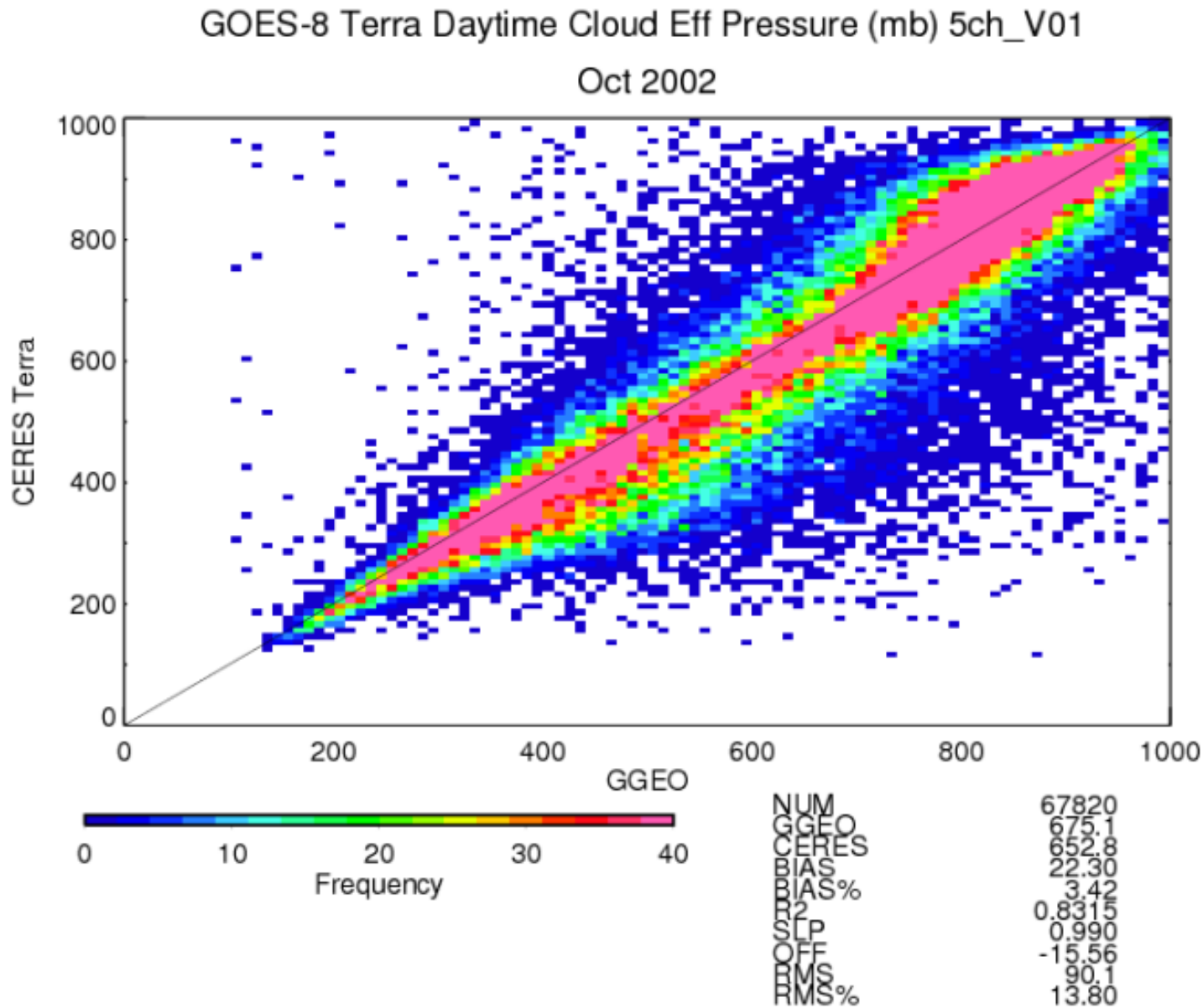

GOES-8 Terra Daytime Cloud Amount (%) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
NUM 67820
GGEO 71.5
CERES 71.2
BIAS 0.38
BIAS% 0.54
R2 0.8282
SLP 0.829
OFF 11.84
RMS 14.6
RMS% 20.51

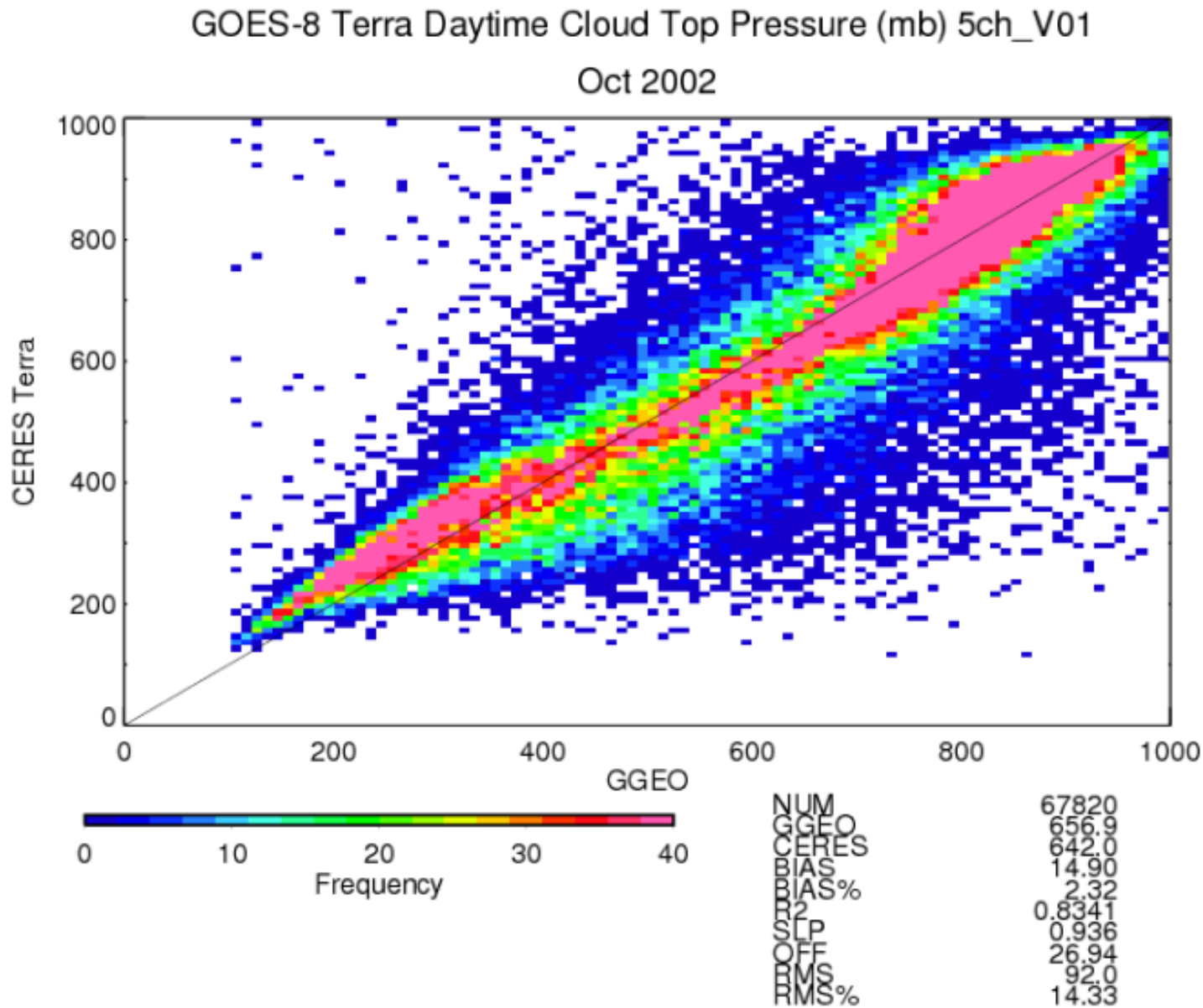

GOES-8 Terra Daytime Log Optical Depth 5ch_V01
Oct 2002
CERES Terra
5.0
2.5
0.0
-2.5
-5.0
-5.0
-2.5
0.0
2.5
5.0
GGEO
0
10
20
30
40
Frequency
NUM 67820
GGEO 1.2
CERES 1.2
BIAS -0.05
BIAS% -4.37
R2 0.8294
SLP 0.918
OFF 0.15
RMS 0.5
RMS% 42.89

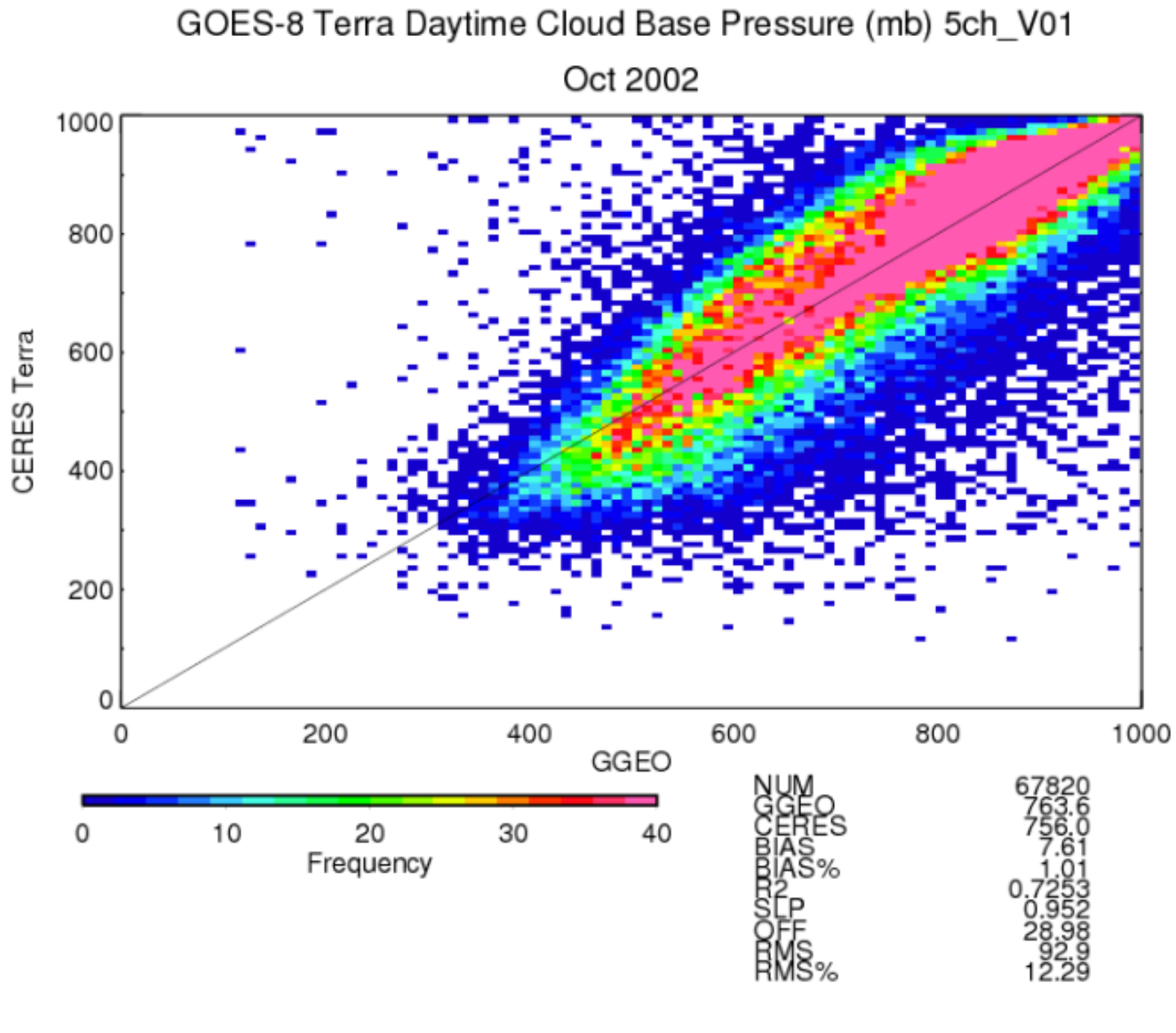

GOES-8 Terra Daytime Cloud Temperature (K) 5ch_V01
Oct 2002
CERES Terra
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 67820
GGEO 269.3
CERES 266.2
BIAS 3.10
BIAS% 1.16
R2 0.7901
SLP 0.982
OFF 1.80
RMS 9.6
RMS% 3.60

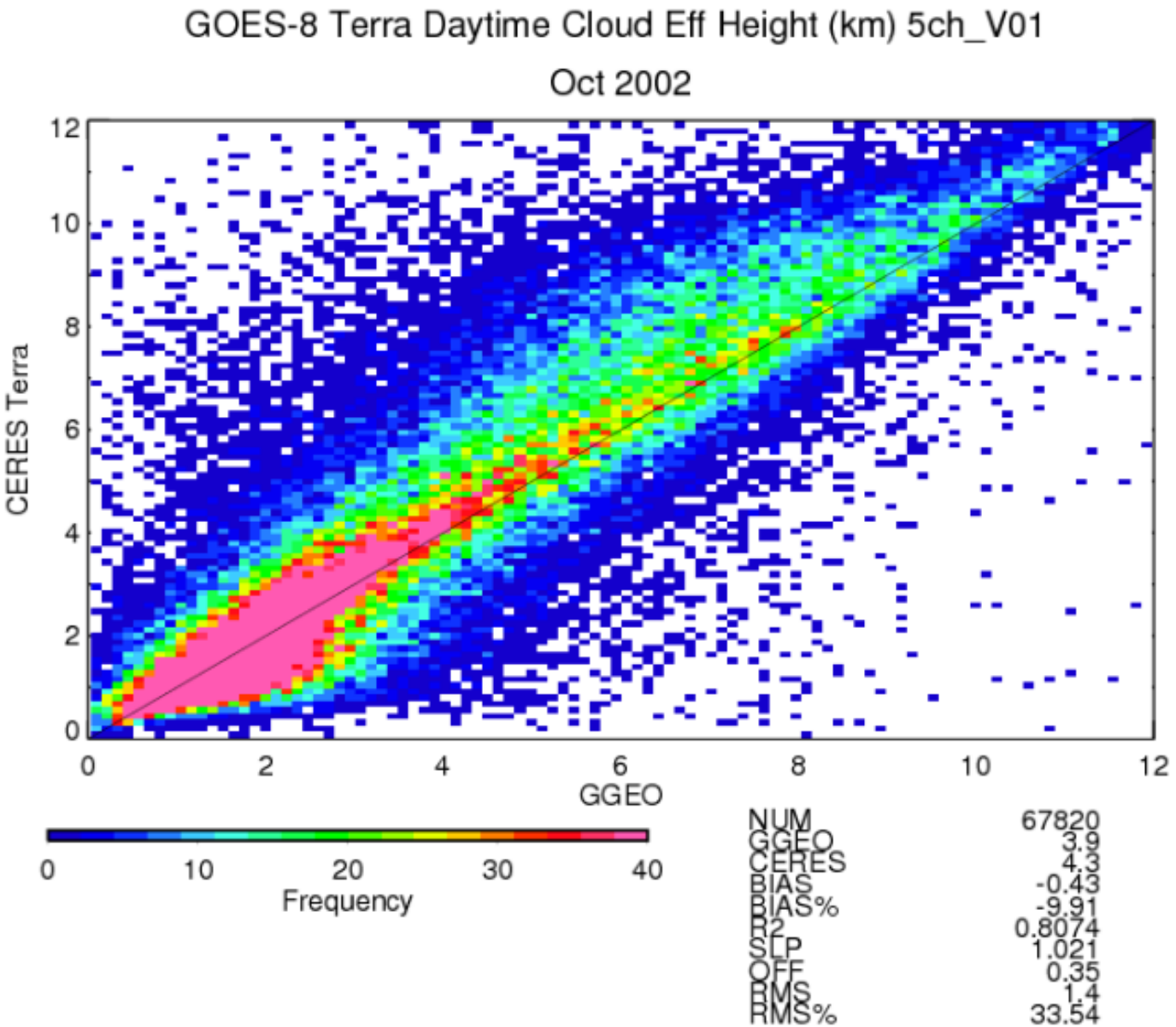

GOES-8 Terra Daytime Cloud Top Temperature (K) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
NUM 67820
GGEO 266.5
CERES 264.5
BIAS 2.04
BIAS% 0.77
R2 0.7954
SLP 0.894
OFF 26.27
RMS 10.0
RMS% 3.79

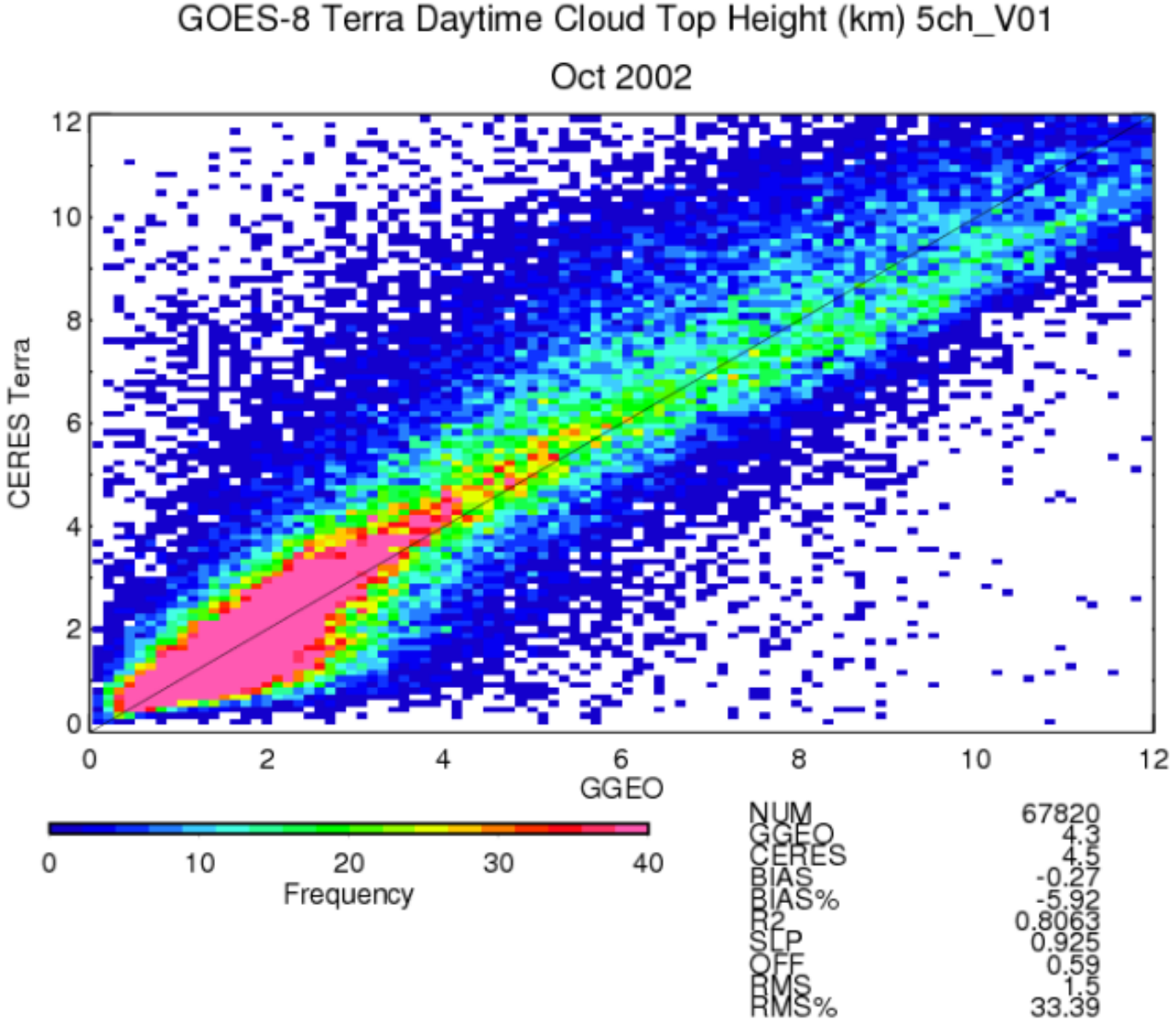

GOES-8 Terra Daytime Cloud Base Temperaure (K) 5ch_V01
Oct 2002
CERES Terra
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 67820
GGEO 277.0
CERES 275.5
BIAS 1.53
BIAS% 0.56
R2 0.6506
SLP 0.936
OFF 16.28
RMS 8.8
RMS% 3.18

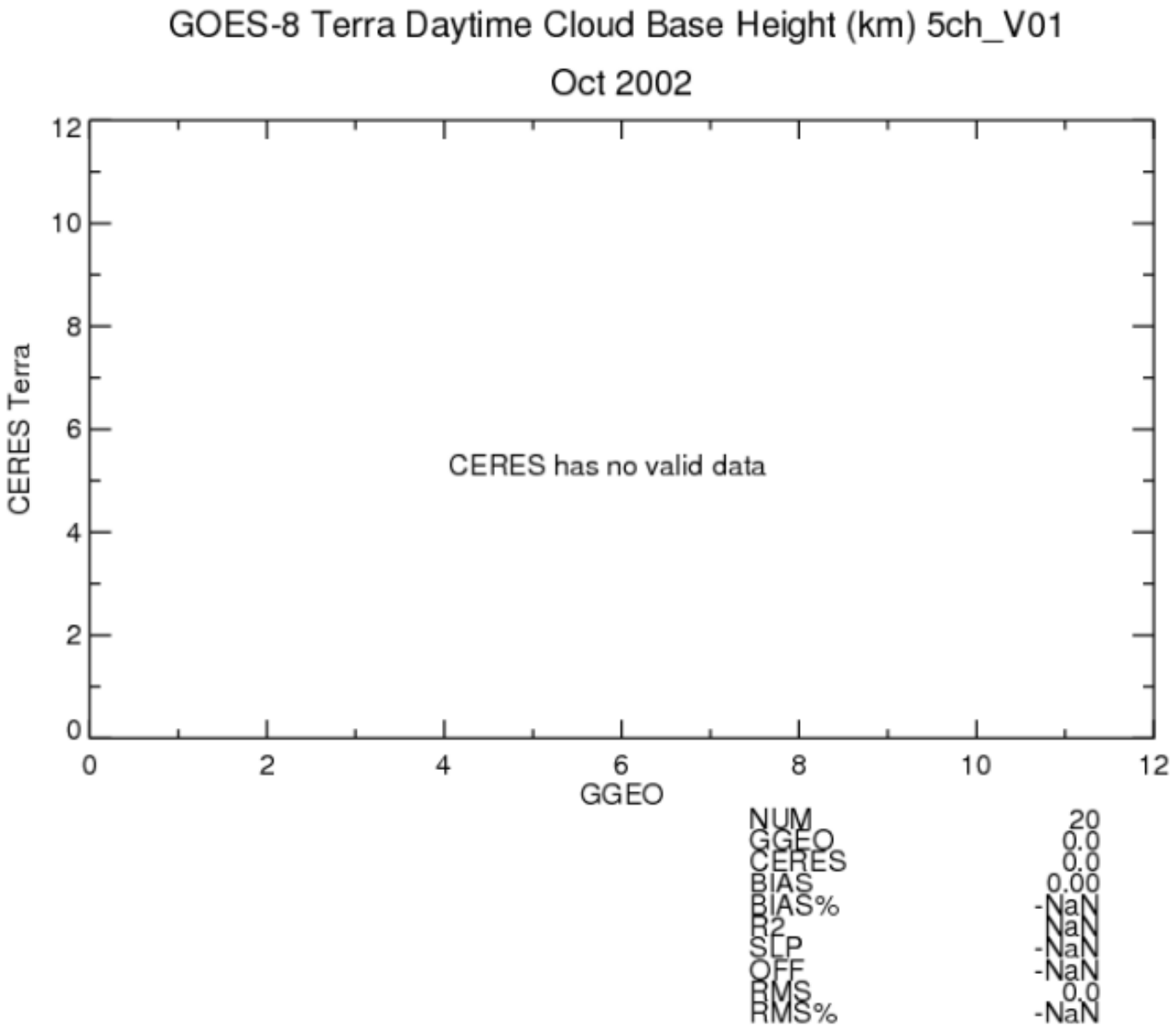

GOES-8 Terra Daytime Cloud Eff Pressure (mb) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 67820
GGEO 675.1
CERES 652.8
BIAS 22.30
BIAS% 3.42
R2 0.8315
SLP 0.990
OFF -15.56
RMS 90.1
RMS% 13.80

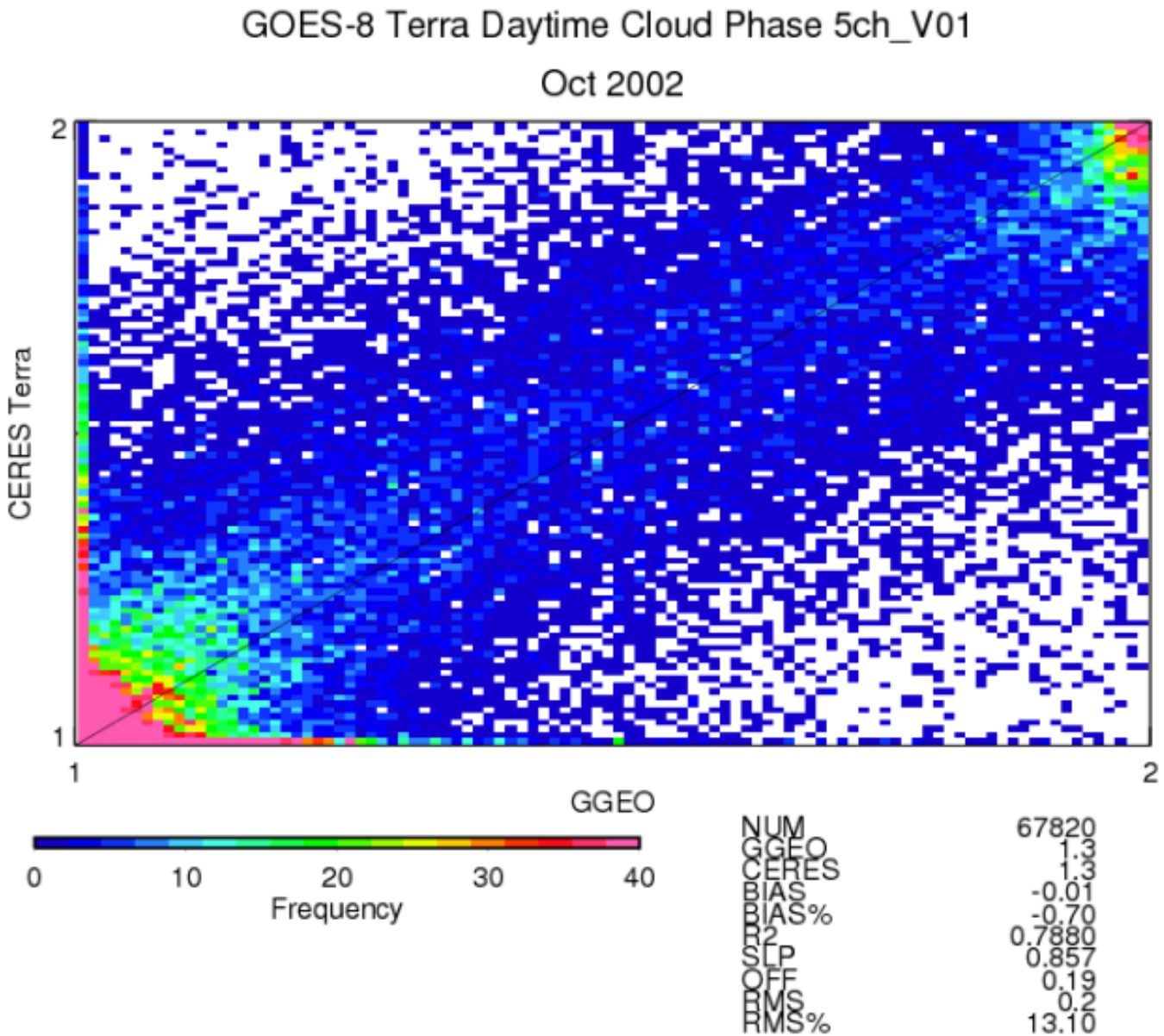

GOES-8 Terra Daytime Cloud Top Pressure (mb) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
0
200
400
600
800
1000
0
10
20
30
40
NUM 67820
GGEO 656.9
CERES 642.0
BIAS 14.90
BIAS% 2.32
R2 0.8341
SLP 0.936
OFF 26.94
RMS 92.0
RMS% 14.33

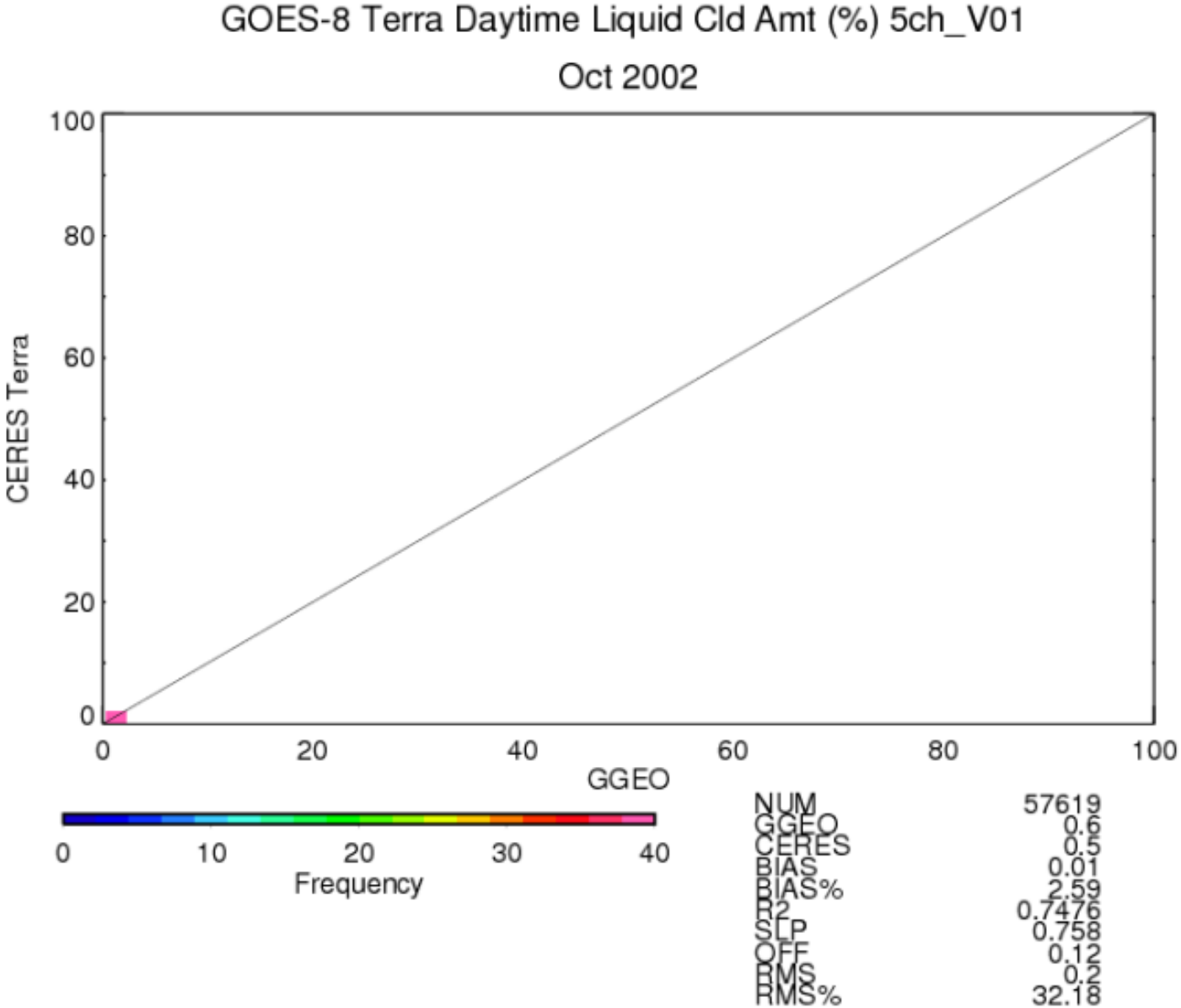

GOES-8 Terra Daytime Cloud Base Pressure (mb) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 67820
GGEO 763.6
CERES 756.0
BIAS 7.61
BIAS% 1.01
R2 0.7253
SLP 0.952
OFF 28.98
RMS 92.9
RMS% 12.29

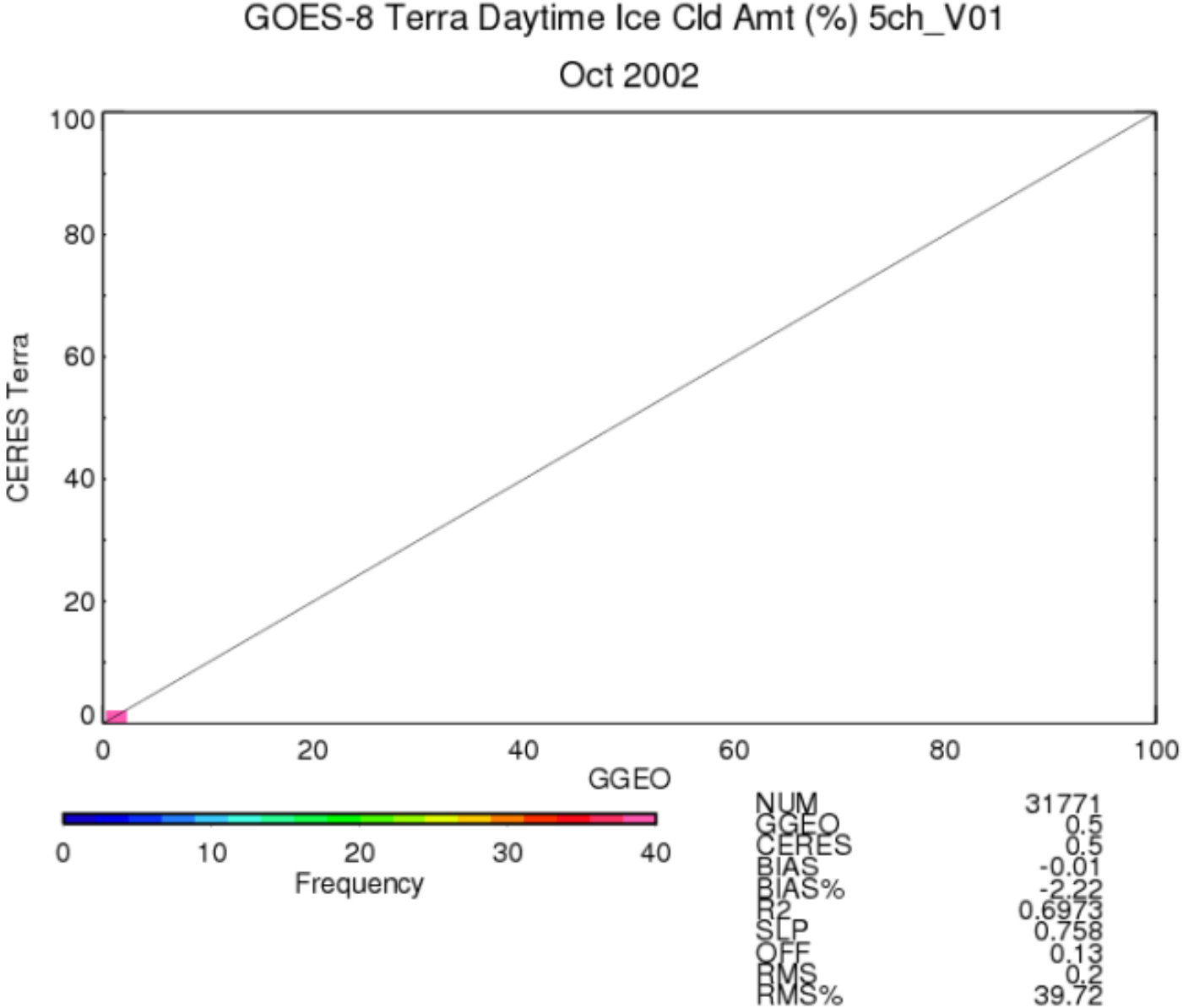

GOES-8 Terra Daytime Cloud Eff Height (km) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
2
4
6
8
10
12
Frequency
0
10
20
30
40
NUM 67820
GGEO 3.9
CERES 4.3
BIAS -0.43
BIAS% -9.91
R2 0.8074
SLP 1.021
OFF 0.35
RMS 1.4
RMS% 33.54

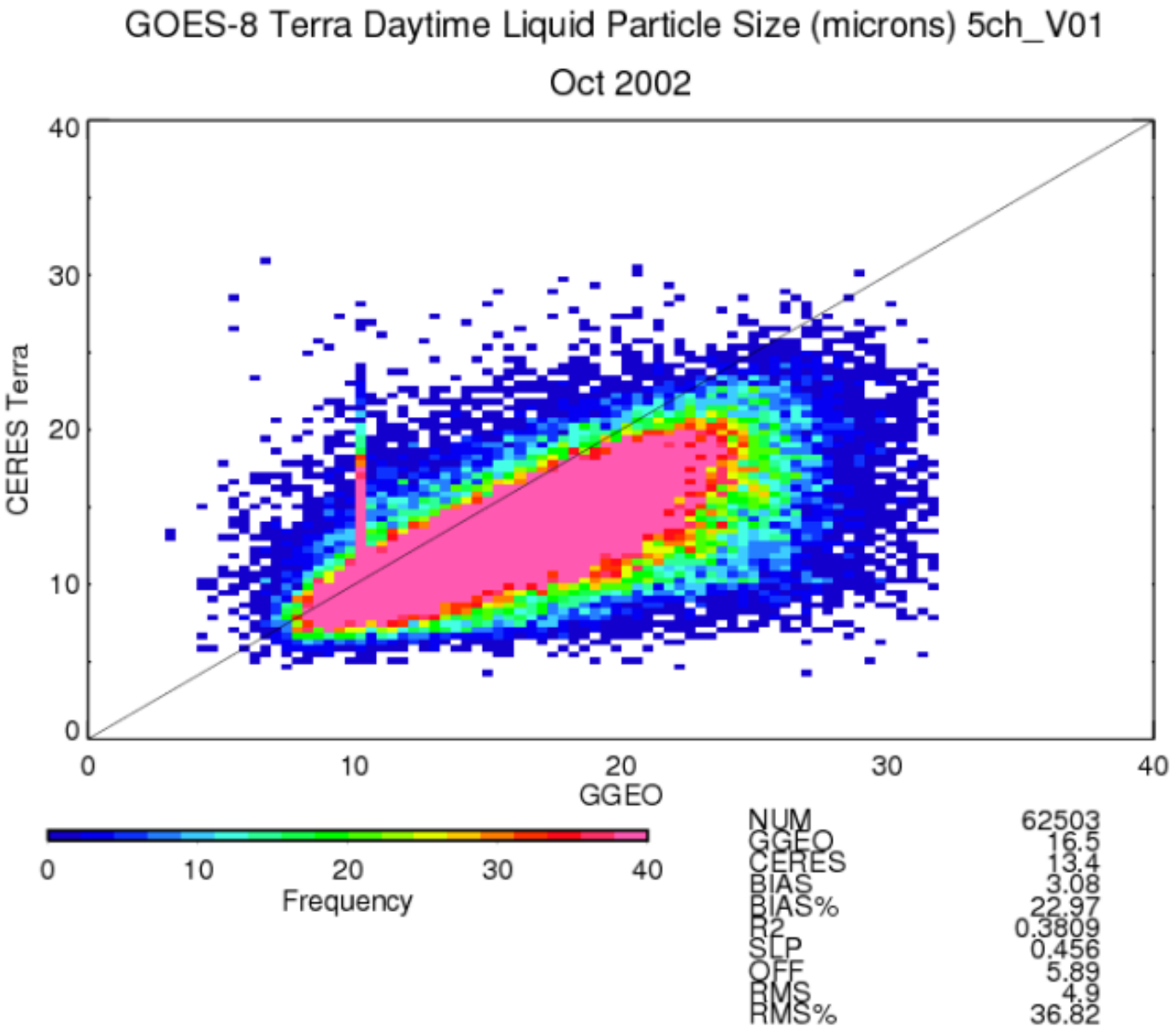

GOES-8 Terra Daytime Cloud Top Height (km) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 67820
GGEO 4.3
CERES 4.5
BIAS -0.27
BIAS% -5.92
R2 0.8063
SLP 0.925
OFF 0.59
RMS 1.5
RMS% 33.39

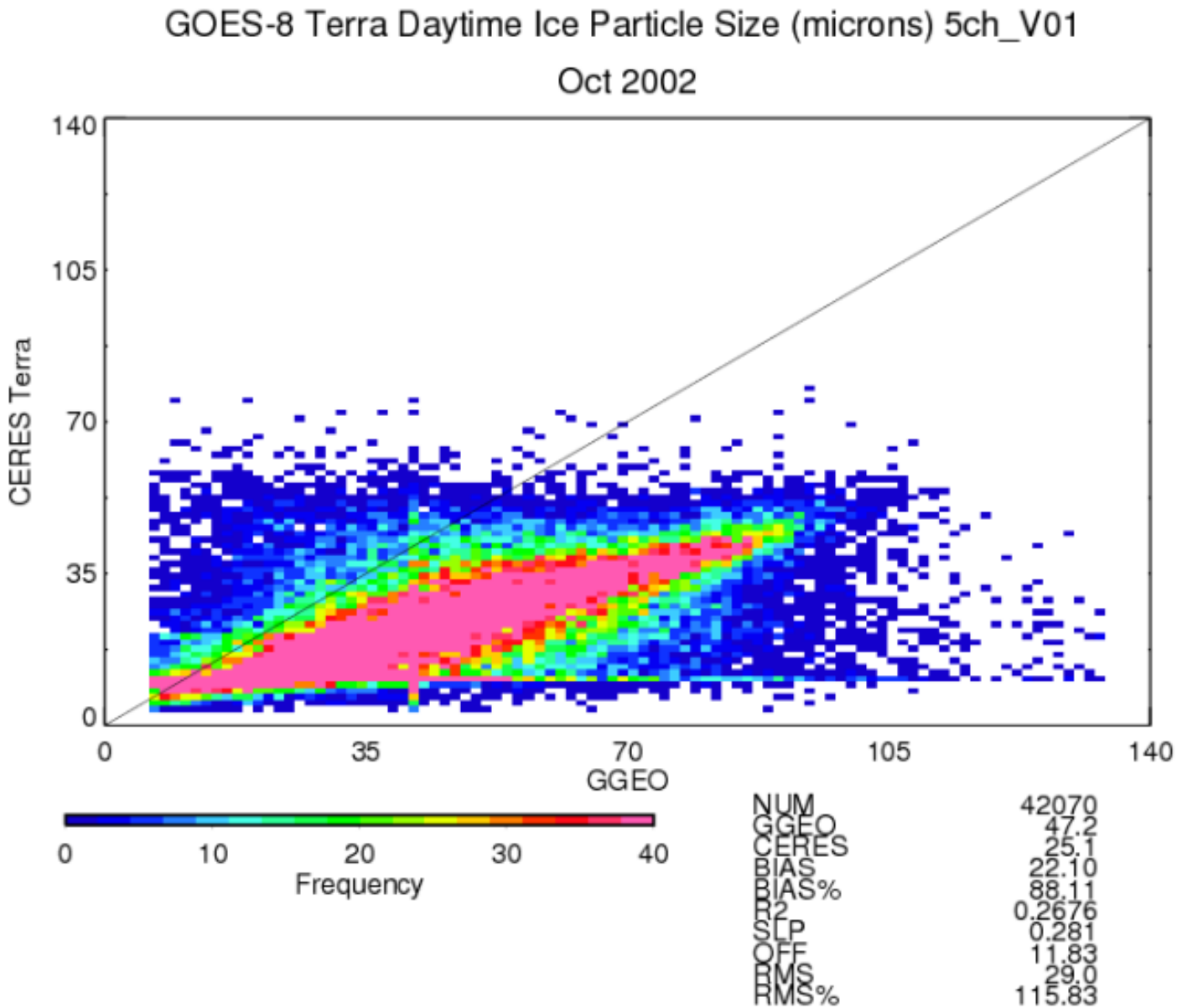

GOES-8 Terra Daytime Cloud Base Height (km) 5ch_V01
Oct 2002
CERES Terra
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

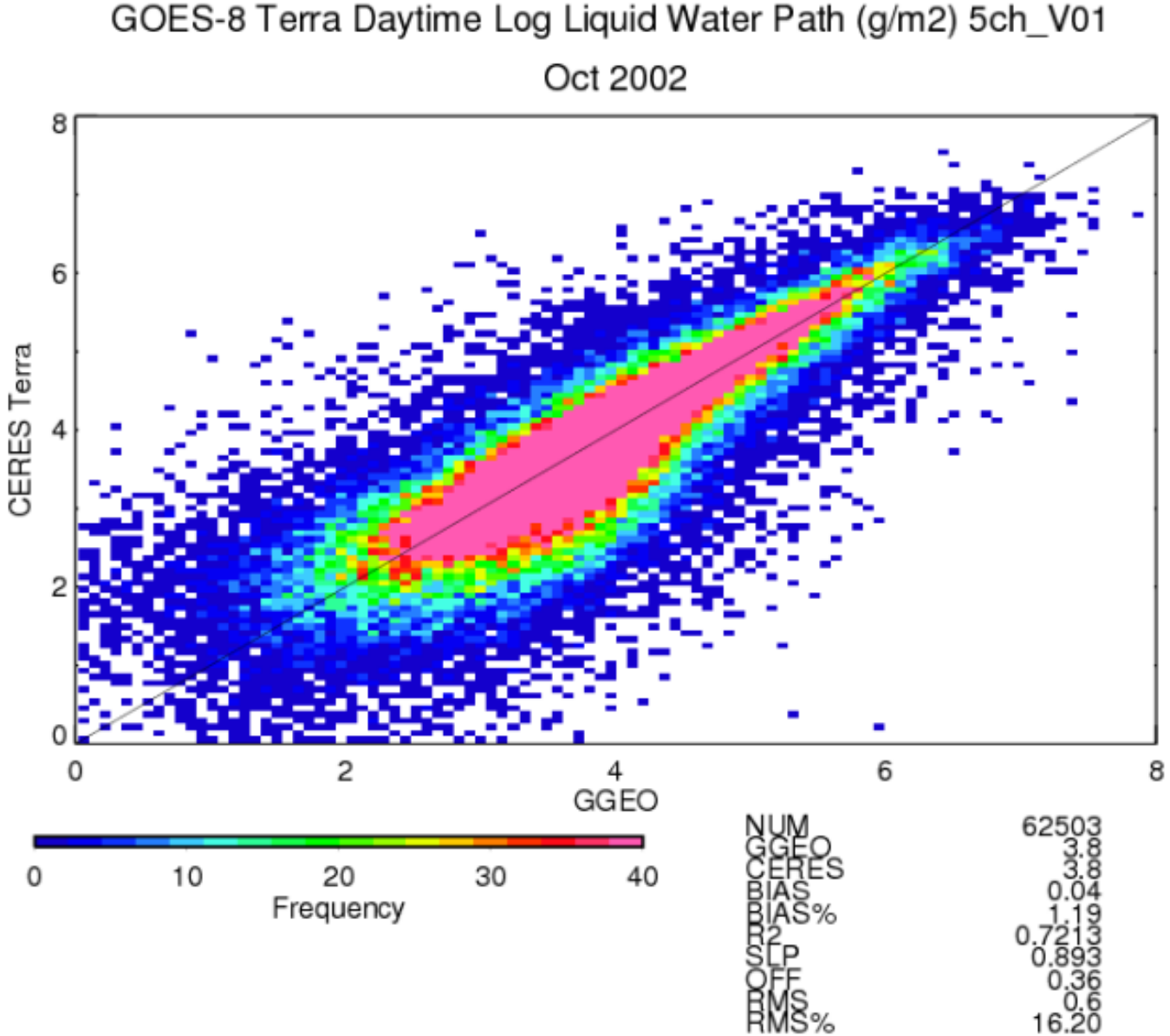

GOES-8 Terra Daytime Cloud Phase 5ch_V01
Oct 2002
CERES Terra
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 67820
GGEO 1.3
CERES 1.3
BIAS -0.01
BIAS% -0.70
R2 0.7880
SLP 0.857
OFF 0.19
RMS 0.2
RMS% 13.10

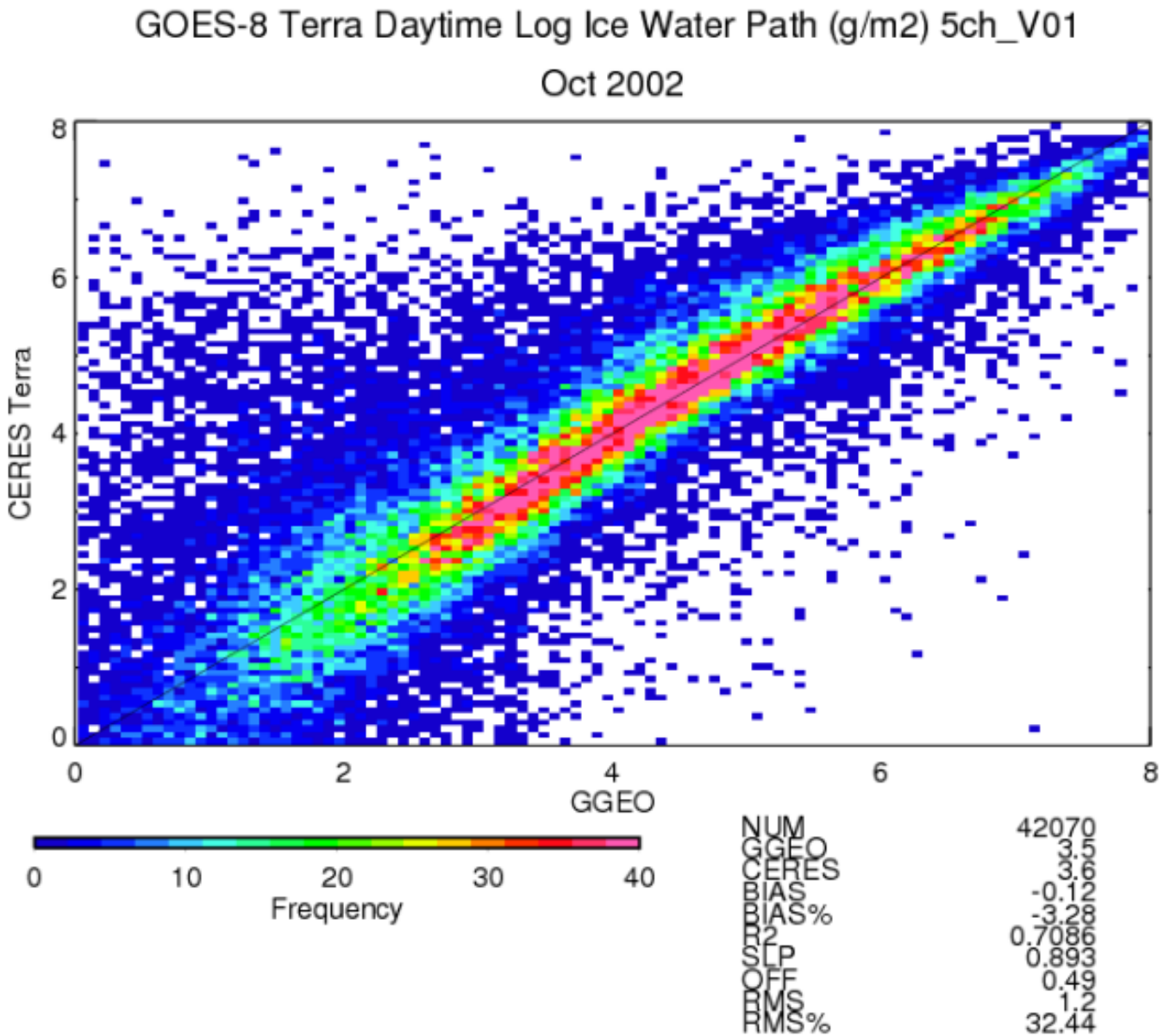

GOES-8 Terra Daytime Liquid Cld Amt (%) 5ch_V01
Oct 2002
CERES Terra
100
80
60
40
20
0
0
20
40
60
80
100
GGEO
0
10
20
30
40
Frequency
NUM 57619
GGEO 0.6
CERES 0.5
BIAS 0.01
BIAS% 2.59
R2 0.7476
SLP 0.758
OFF 0.12
RMS 0.2
RMS% 32.18

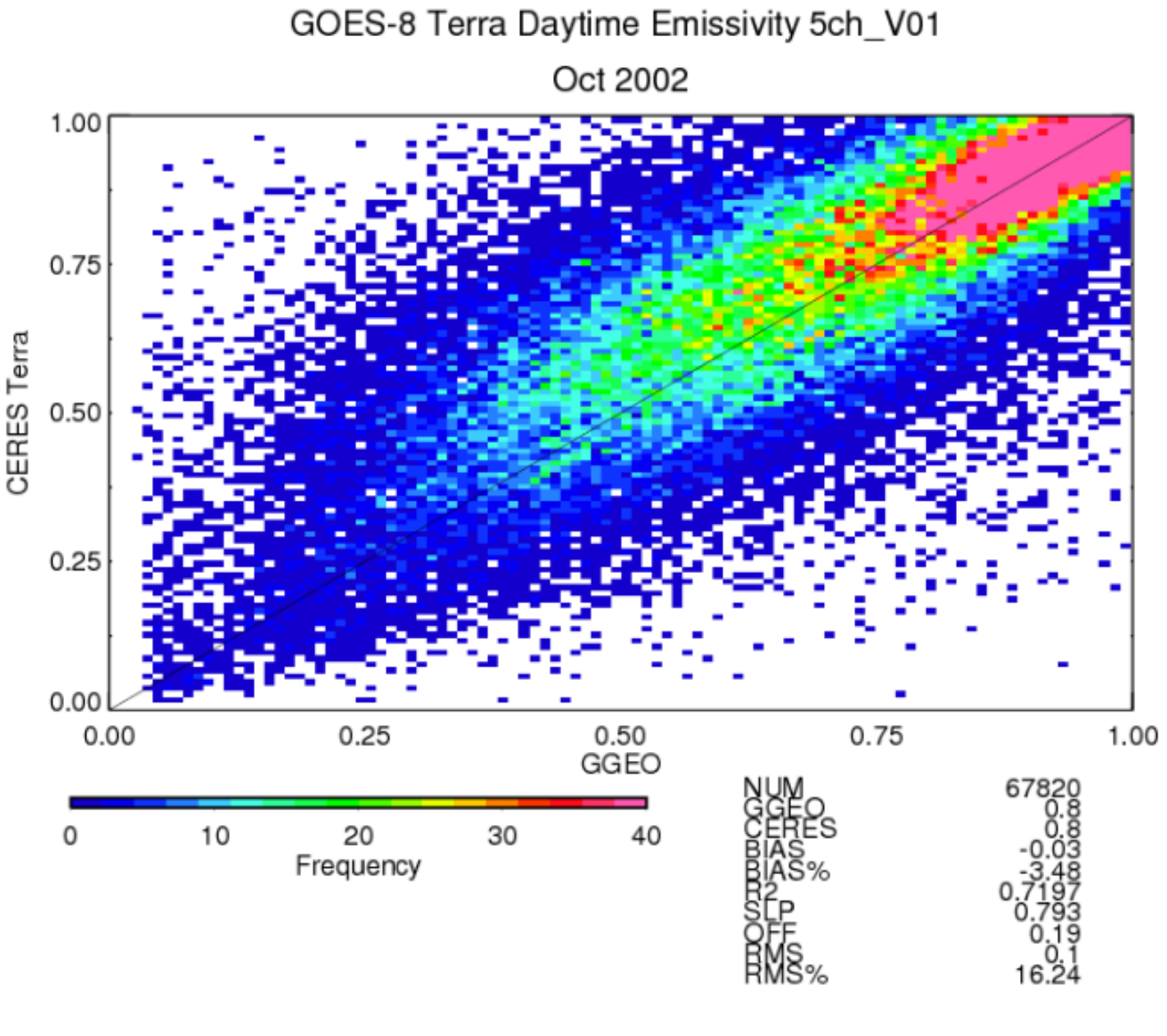

GOES-8 Terra Daytime Ice Cld Amt (%) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
NUM 31771
GGEO 0.5
CERES 0.5
BIAS -0.01
BIAS% -2.22
R2 0.6973
SLP 0.758
OFF 0.13
RMS 0.2
RMS% 39.72

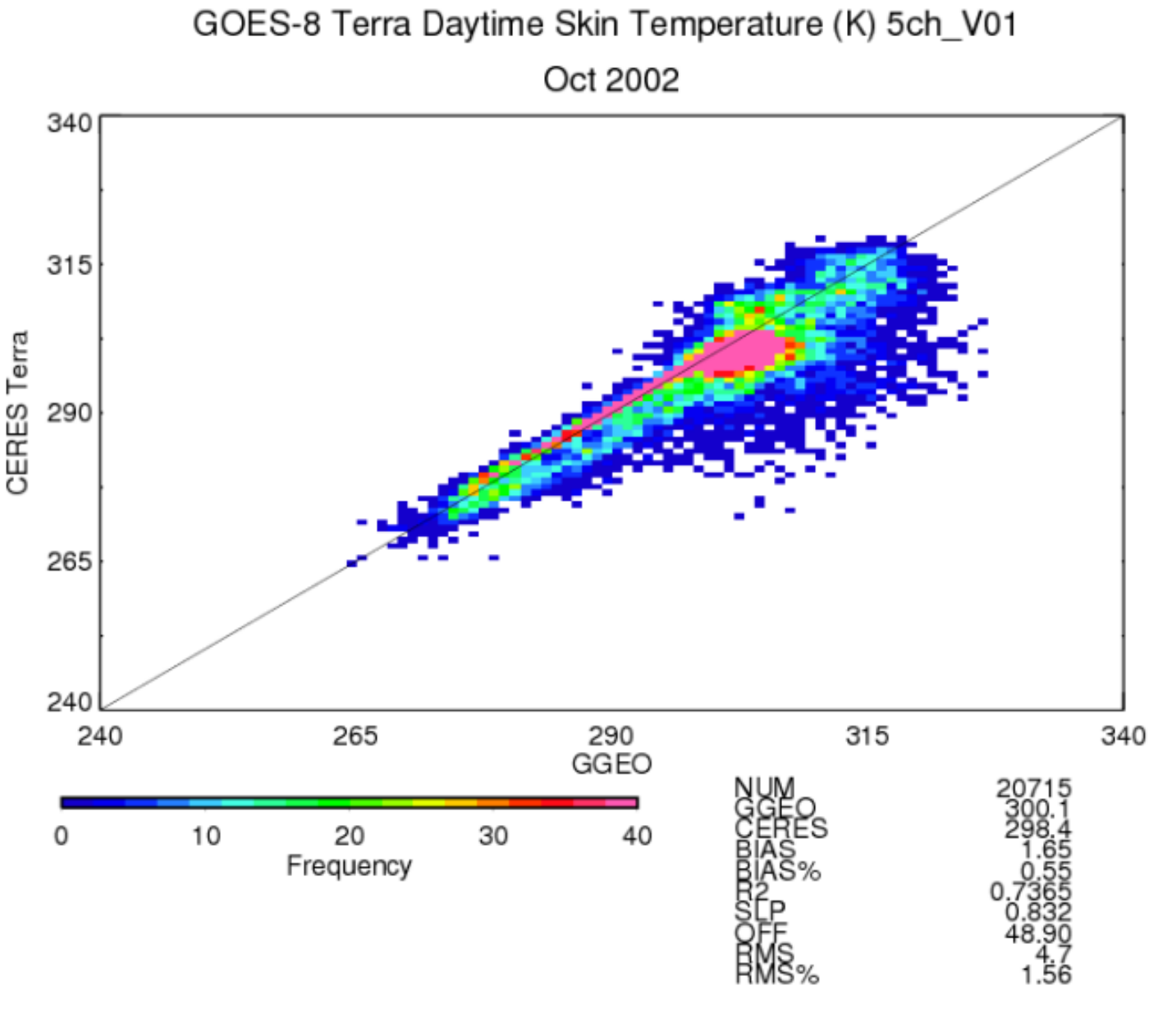

GOES-8 Terra Daytime Liquid Particle Size (microns) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
0
10
20
30
40
NUM 62503
GGEO 16.5
CERES 13.4
BIAS 3.08
BIAS% 22.97
R2 0.3809
SLP 0.456
OFF 5.89
RMS 4.9
RMS% 36.82

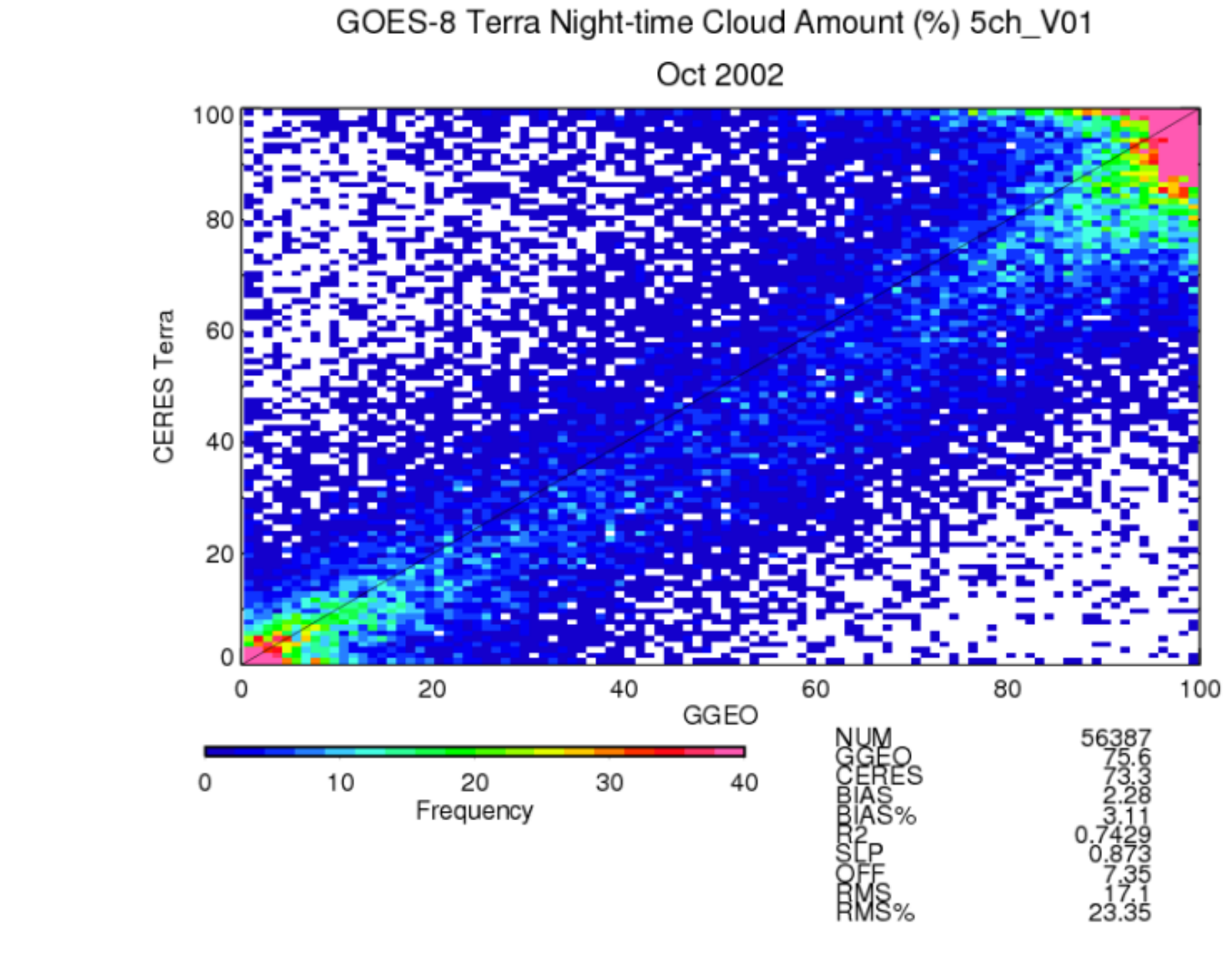

GOES-8 Terra Daytime Ice Particle Size (microns) 5ch_V01
Oct 2002
CERES Terra
140
105
70
35
0
0
35
70
105
140
GGEO
0
10
20
30
40
Frequency
NUM 42070
GGEO 47.2
CERES 25.1
BIAS 22.10
BIAS% 88.11
R2 0.2676
SLP 0.281
OFF 11.83
RMS 29.0
RMS% 115.83

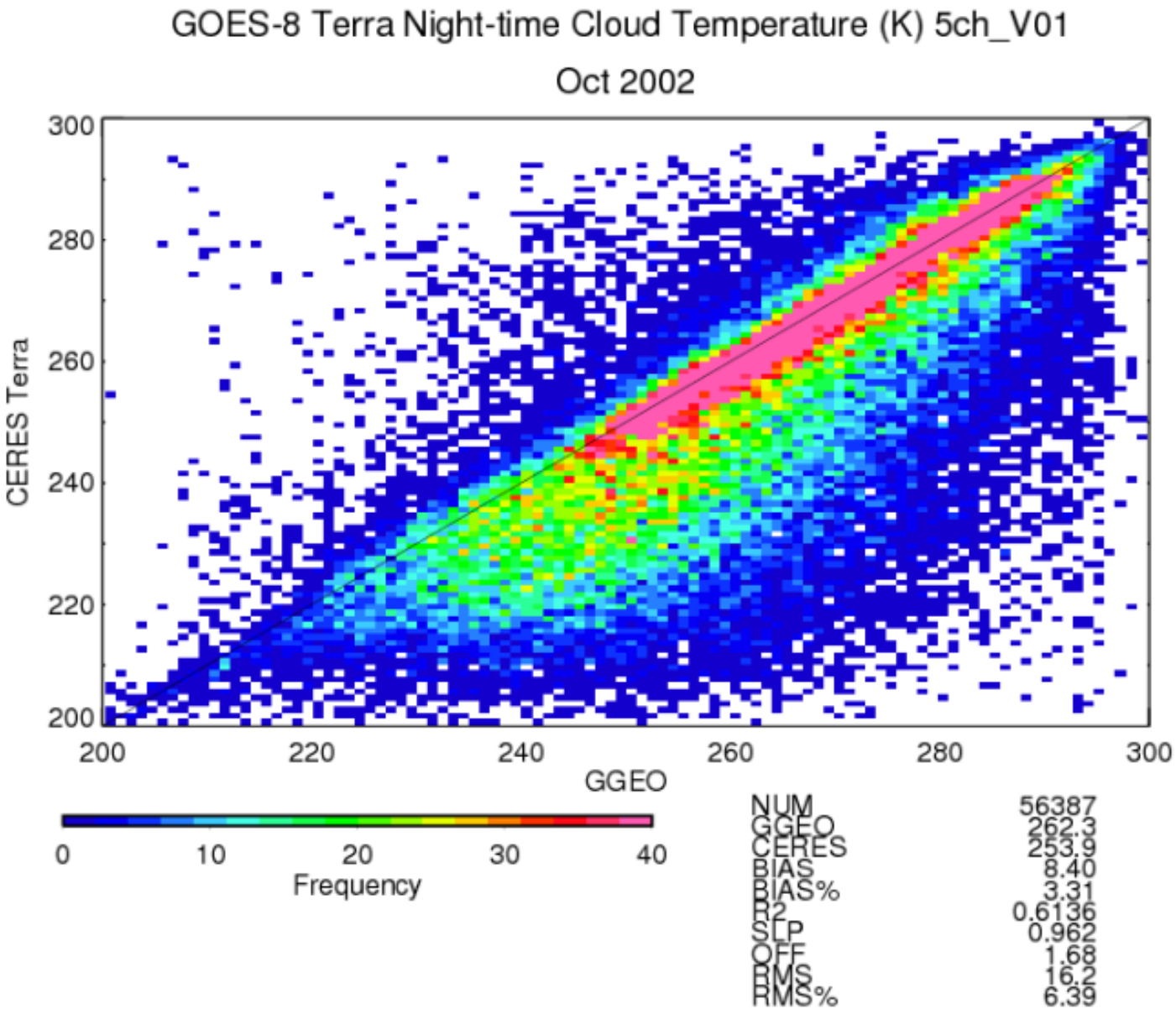

GOES-8 Terra Daytime Log Liquid Water Path (g/m2) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 62503
GGEO 3.8
CERES 3.8
BIAS 0.04
BIAS% 1.19
R2 0.7213
SLP 0.893
OFF 0.36
RMS 0.6
RMS% 16.20

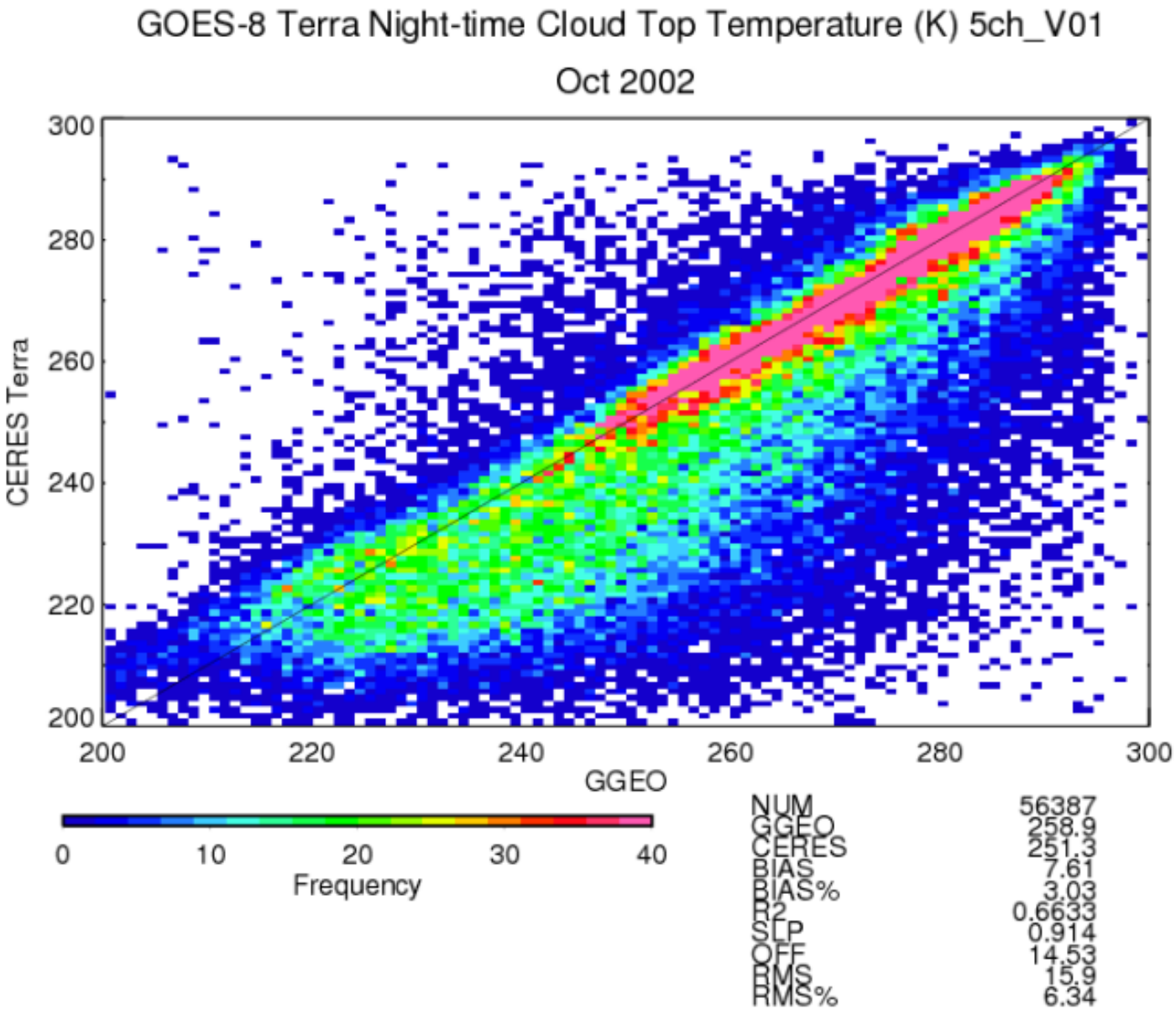

GOES-8 Terra Daytime Log Ice Water Path (g/m2) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
2
4
6
8
Frequency
0
10
20
30
40
NUM 42070
GGEO 3.5
CERES 3.6
BIAS -0.12
BIAS% -3.28
R2 0.7086
SLP 0.893
OFF 0.49
RMS 1.2
RMS% 32.44

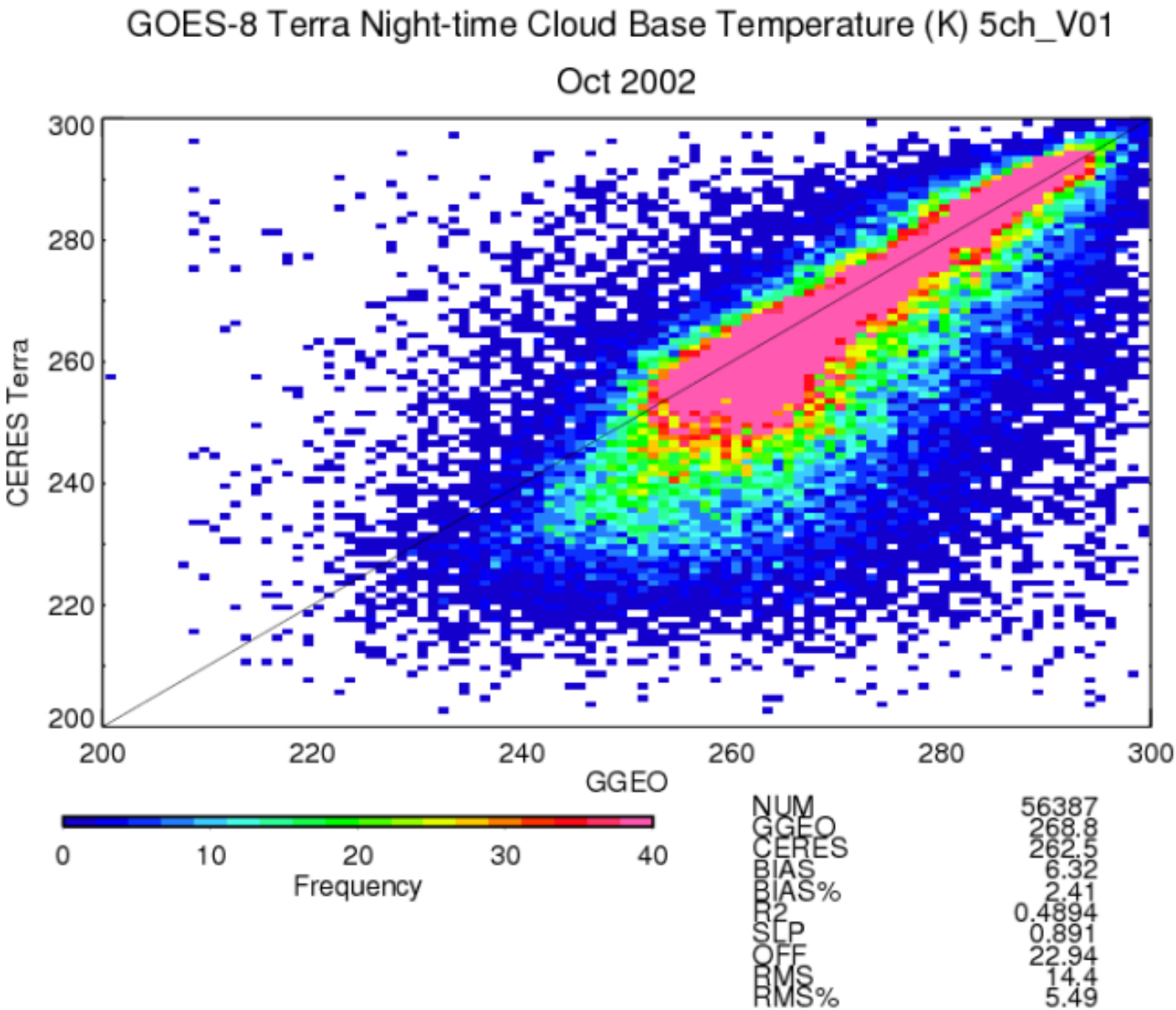

GOES-8 Terra Daytime Emissivity 5ch_V01
Oct 2002
CERES Terra
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
GGEO
0
10
20
30
40
Frequency
NUM 67820
GGEO 0.8
CERES 0.8
BIAS -0.03
BIAS% -3.48
R2 0.7197
SLP 0.793
OFF 0.19
RMS 0.1
RMS% 16.24

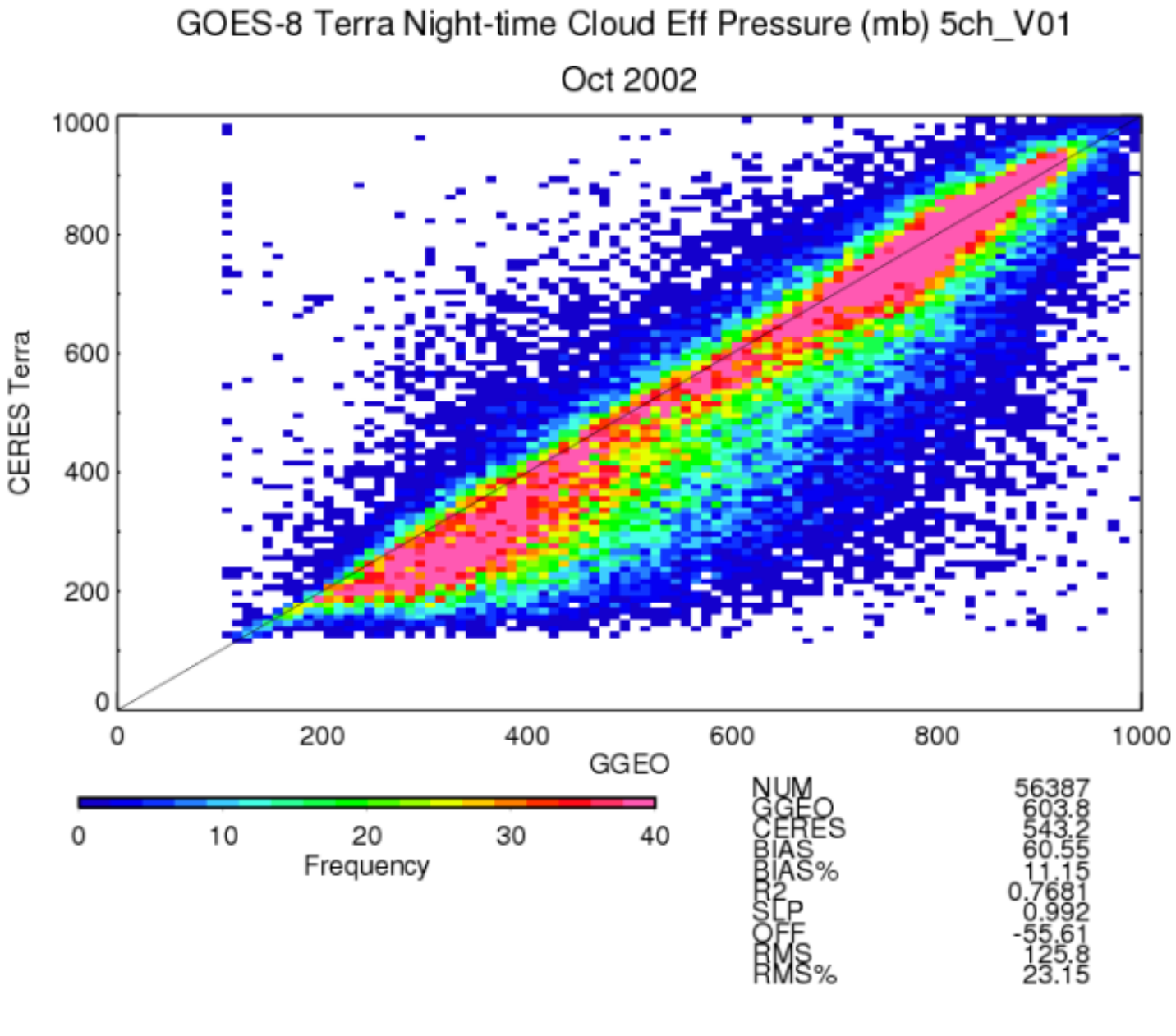

GOES-8 Terra Daytime Skin Temperature (K) 5ch_V01
Oct 2002
CERES Terra
340
315
290
265
240
240
265
290
315
340
GGEO
0
10
20
30
40
Frequency
NUM 20715
GGEO 300.1
CERES 298.4
BIAS 1.65
BIAS% 0.55
R2 0.7365
SLP 0.832
OFF 48.90
RMS 4.7
RMS% 1.56

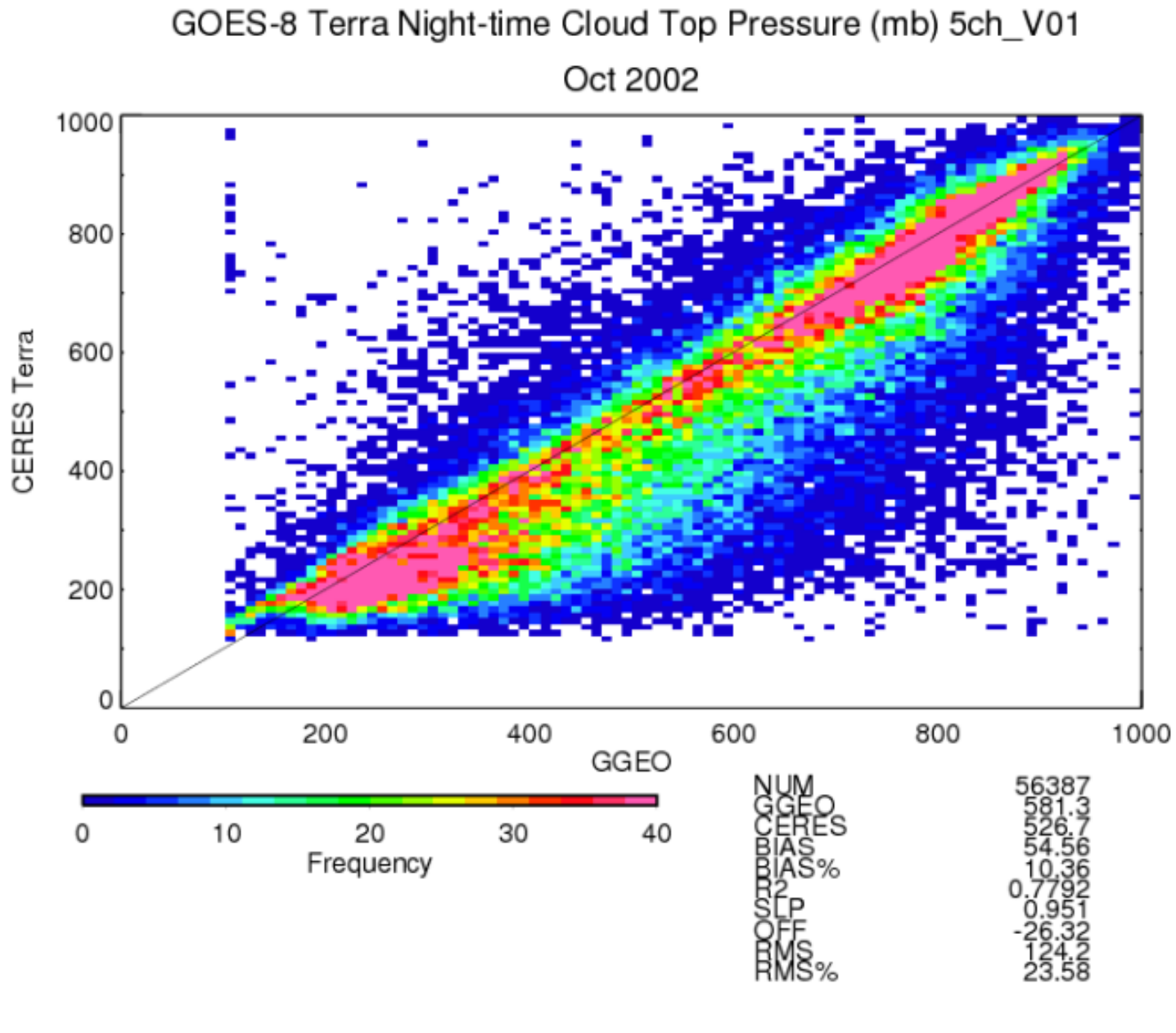

GOES-8 Terra Night-time Cloud Amount (%) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
0
10
20
30
40
0
20
40
60
80
100
NUM 56387
GGEO 75.6
CERES 73.3
BIAS 2.28
BIAS% 3.11
R2 0.7429
SLP 0.873
OFF 7.35
RMS 17.1
RMS% 23.35

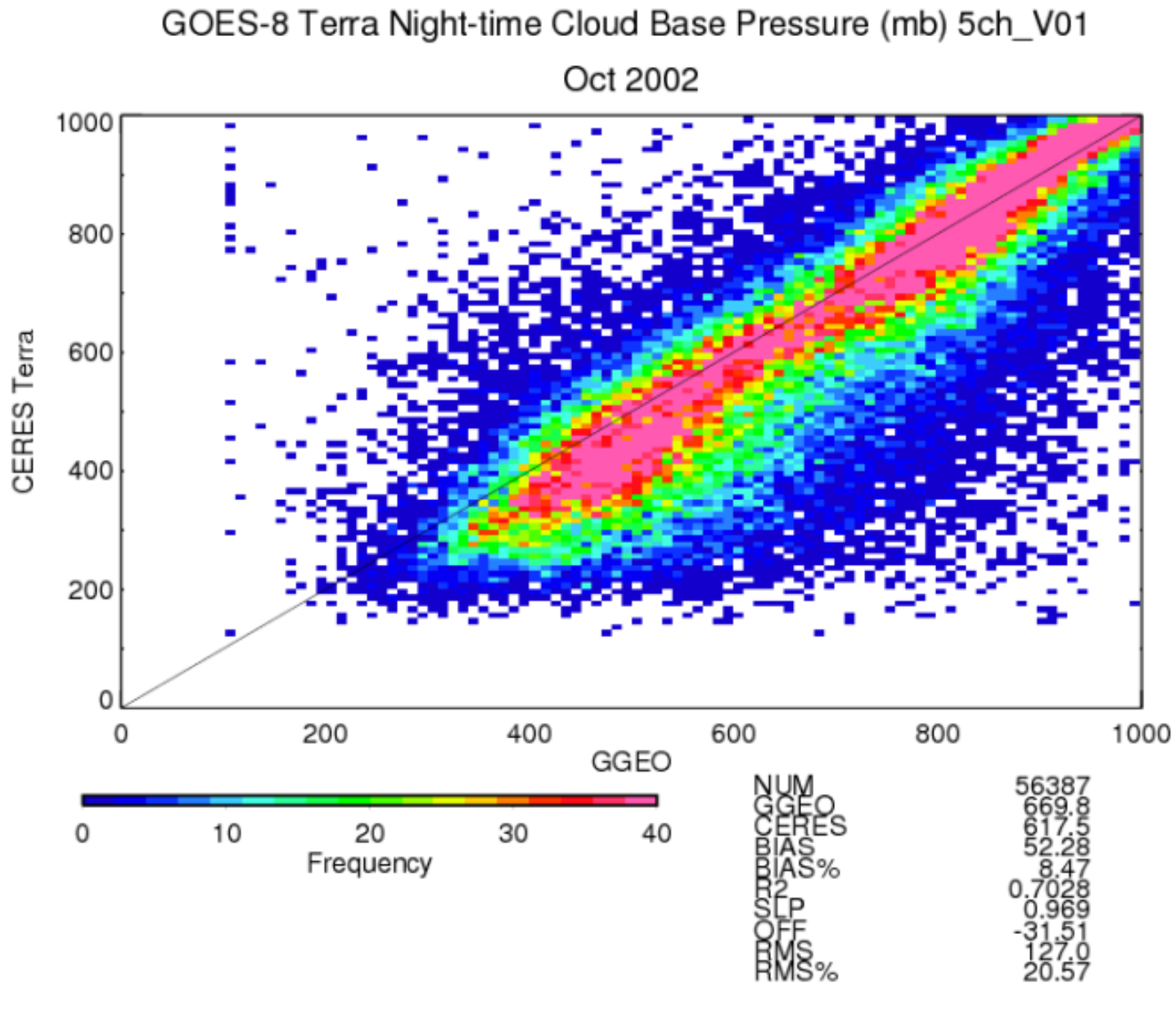

GOES-8 Terra Night-time Cloud Temperature (K) 5ch_V01
Oct 2002
CERES Terra
GGEO
300
280
260
240
220
200
200
220
240
260
280
300
0
10
20
30
40
Frequency
NUM 56387
GGEO 262.3
CERES 253.9
BIAS 8.40
BIAS% 3.31
R2 0.6136
SLP 0.962
OFF 1.68
RMS 16.2
RMS% 6.39

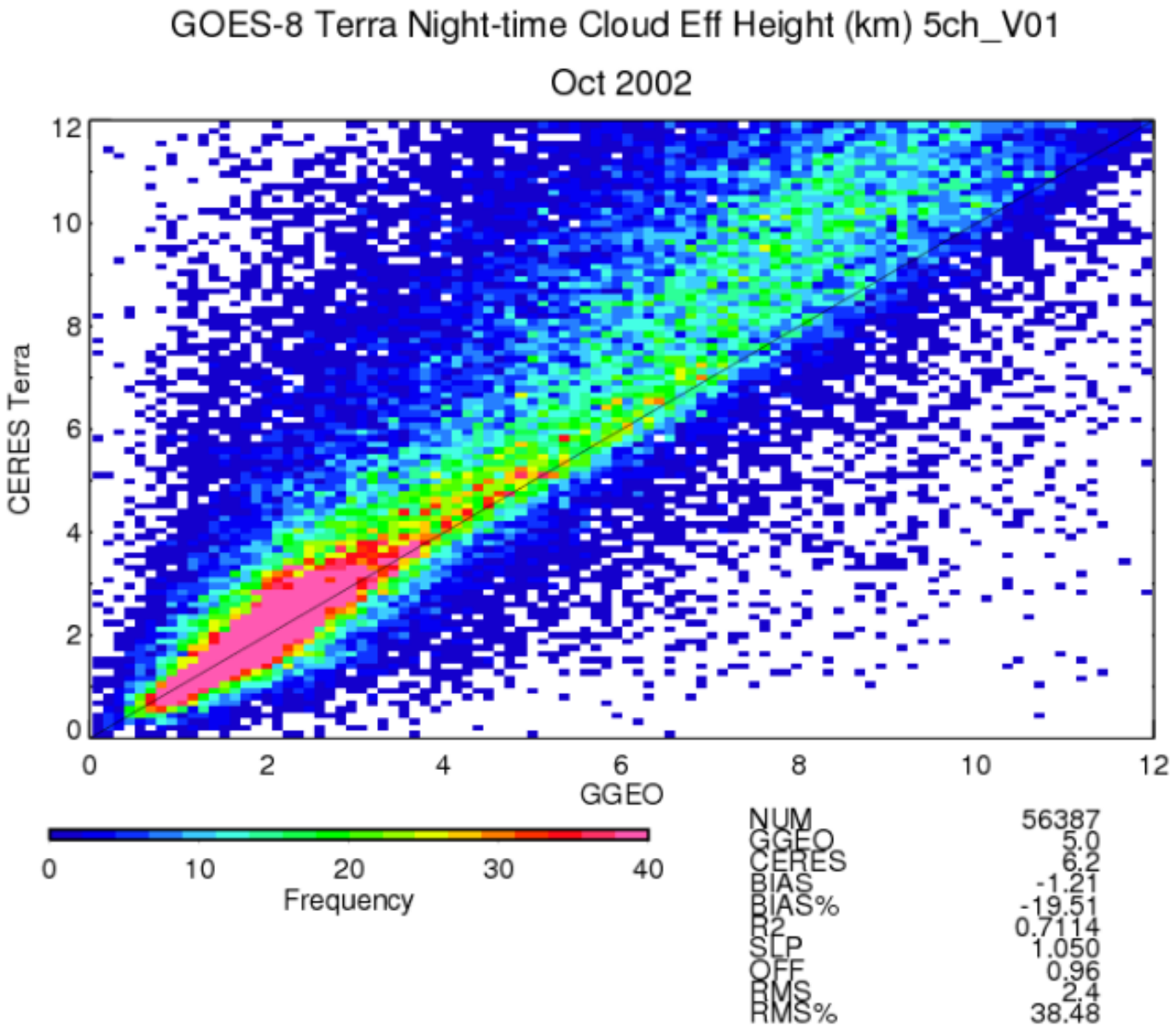

GOES-8 Terra Night-time Cloud Top Temperature (K) 5ch_V01
Oct 2002
CERES Terra
GGEO
300
280
260
240
220
200
200
220
240
260
280
300
0
10
20
30
40
Frequency
NUM 56387
GGEO 258.9
CERES 251.3
BIAS 7.61
BIAS% 3.03
R2 0.6633
SLP 0.914
OFF 14.53
RMS 15.9
RMS% 6.34

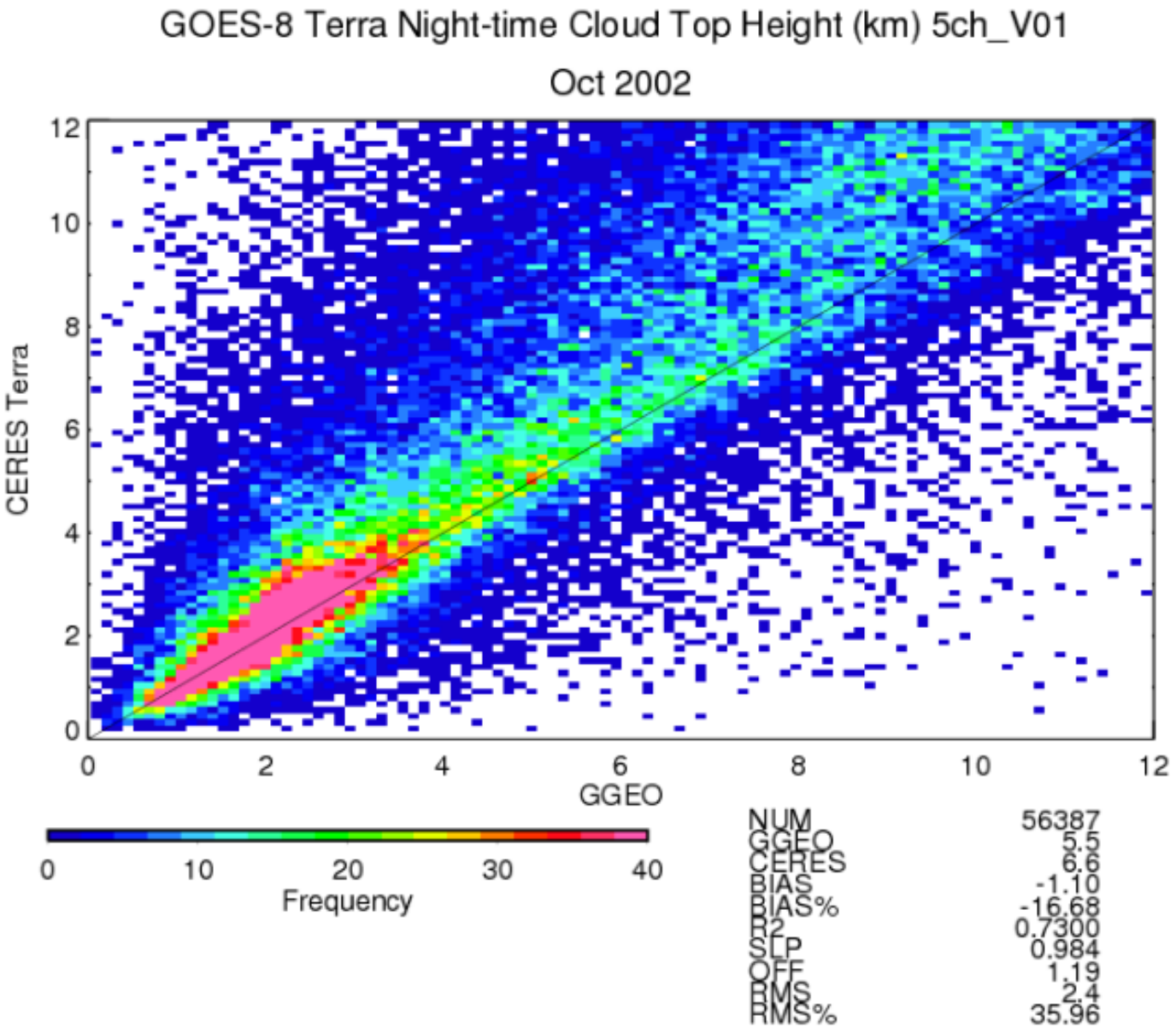

GOES-8 Terra Night-time Cloud Base Temperature (K) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
0
10
20
30
40
200
220
240
260
280
300
NUM 56387
GGEO 268.8
CERES 262.5
BIAS 6.32
BIAS% 2.41
R2 0.4894
SLP 0.891
OFF 22.94
RMS 14.4
RMS% 5.49

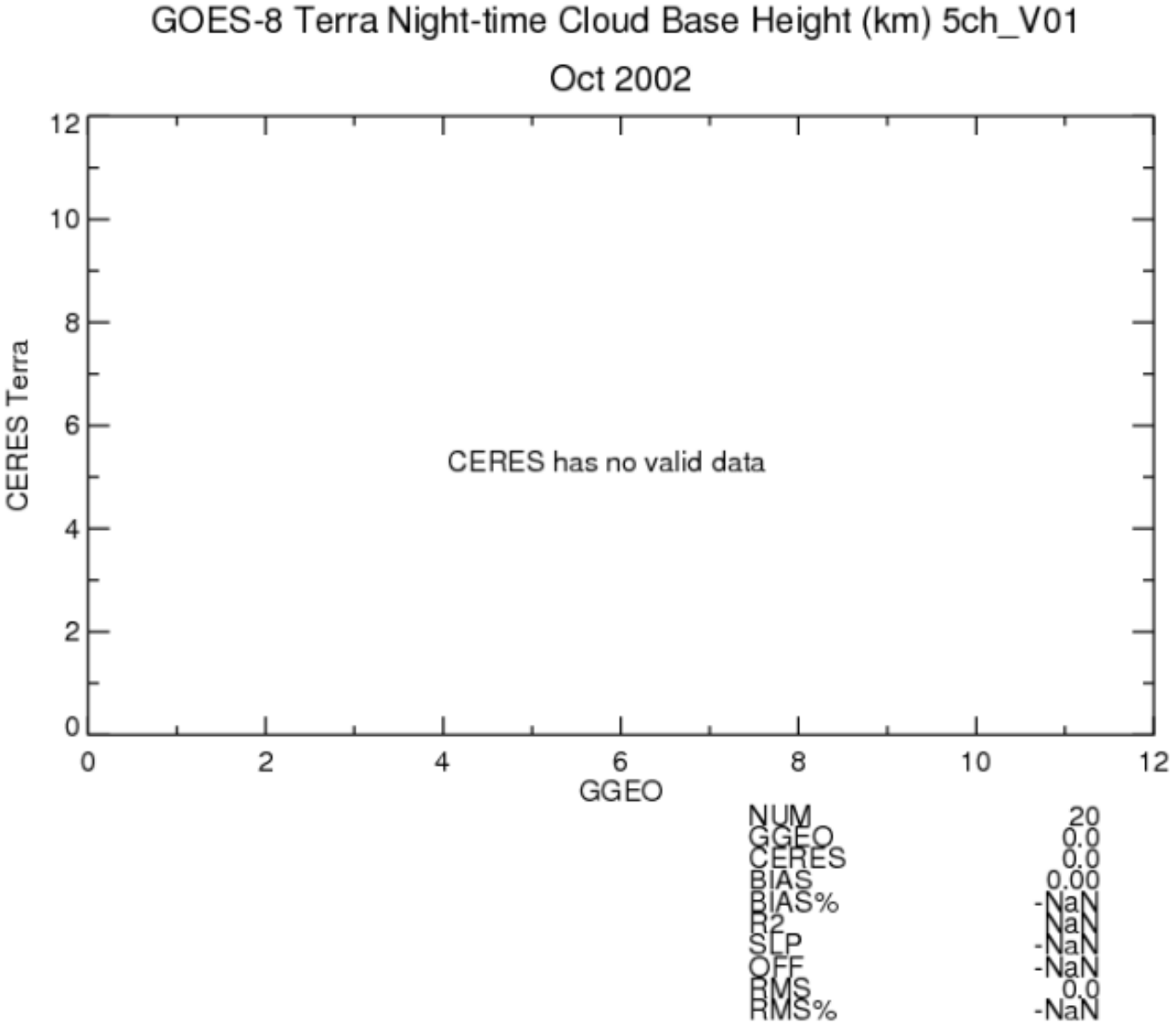

GOES-8 Terra Night-time Cloud Eff Pressure (mb) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 56387
GGEO 603.8
CERES 543.2
BIAS 60.55
BIAS% 11.15
R2 0.7681
SLP 0.992
OFF -55.61
RMS 125.8
RMS% 23.15

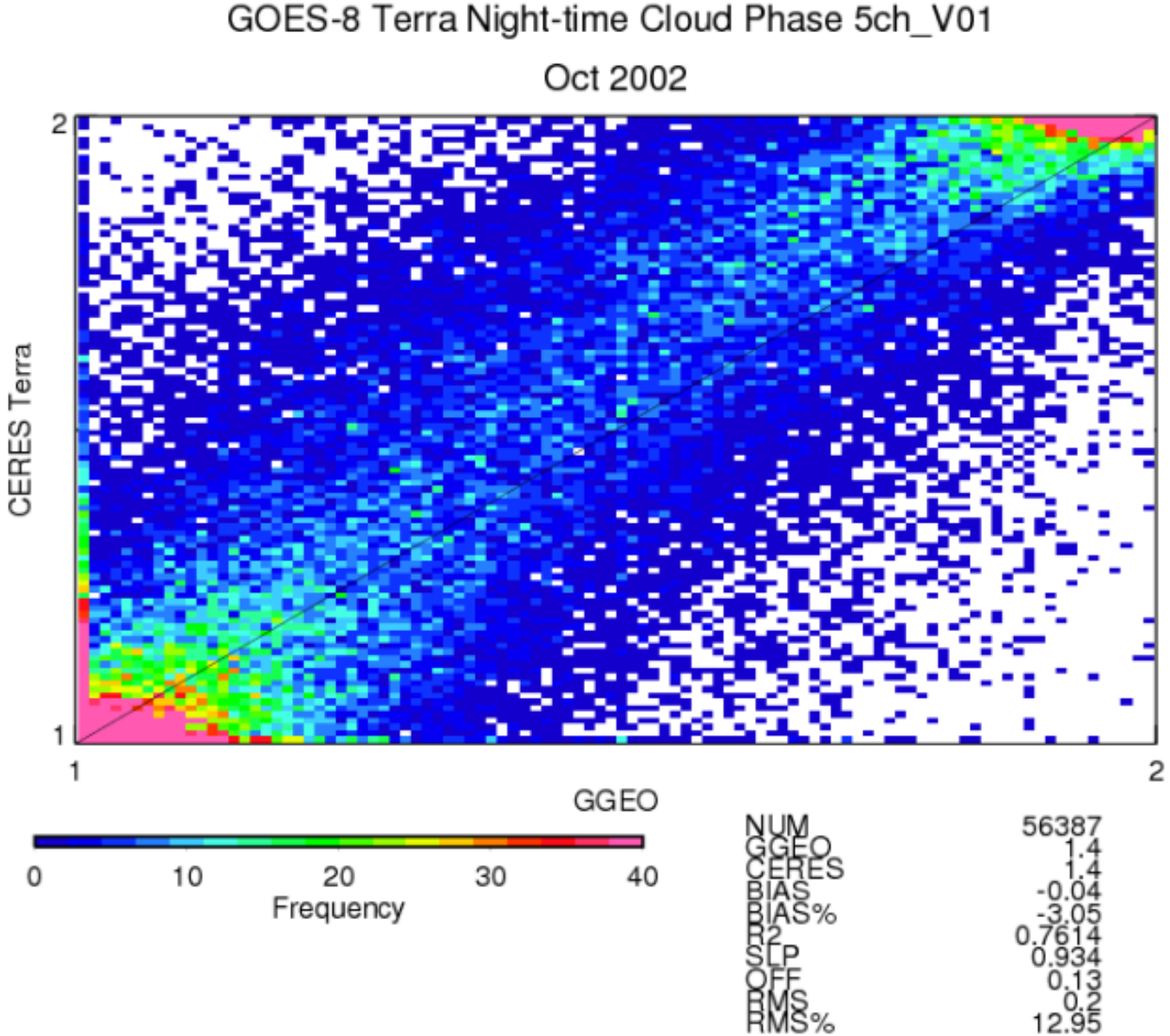

GOES-8 Terra Night-time Cloud Top Pressure (mb) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 56387
GGEO 581.3
CERES 526.7
BIAS 54.56
BIAS% 10.36
R2 0.7792
SLP 0.951
OFF -26.32
RMS 124.2
RMS% 23.58

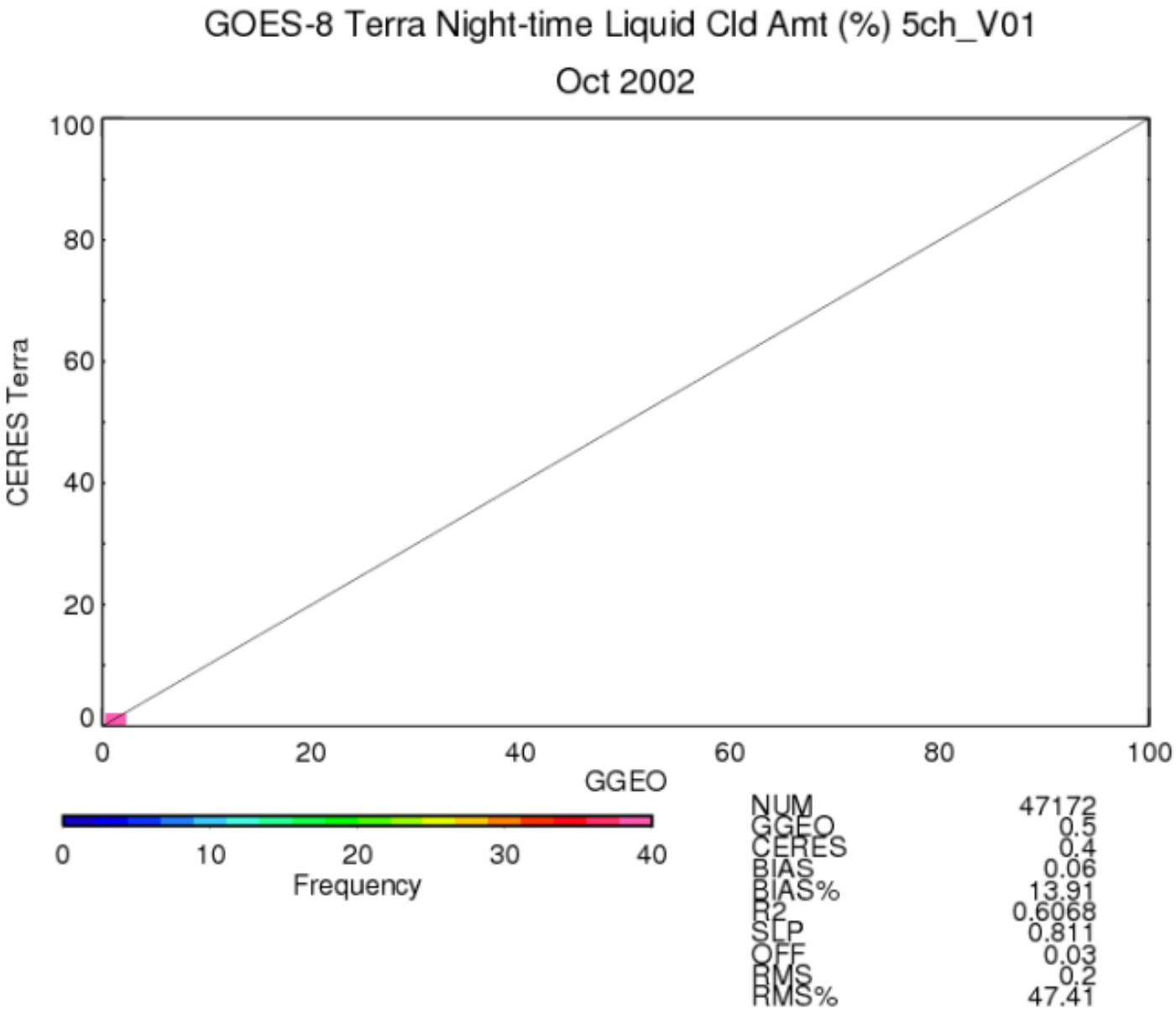

GOES-8 Terra Night-time Cloud Base Pressure (mb) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 56387
GGEO 669.8
CERES 617.5
BIAS 52.28
BIAS% 8.47
R2 0.7028
SLP 0.969
OFF -31.51
RMS 127.0
RMS% 20.57

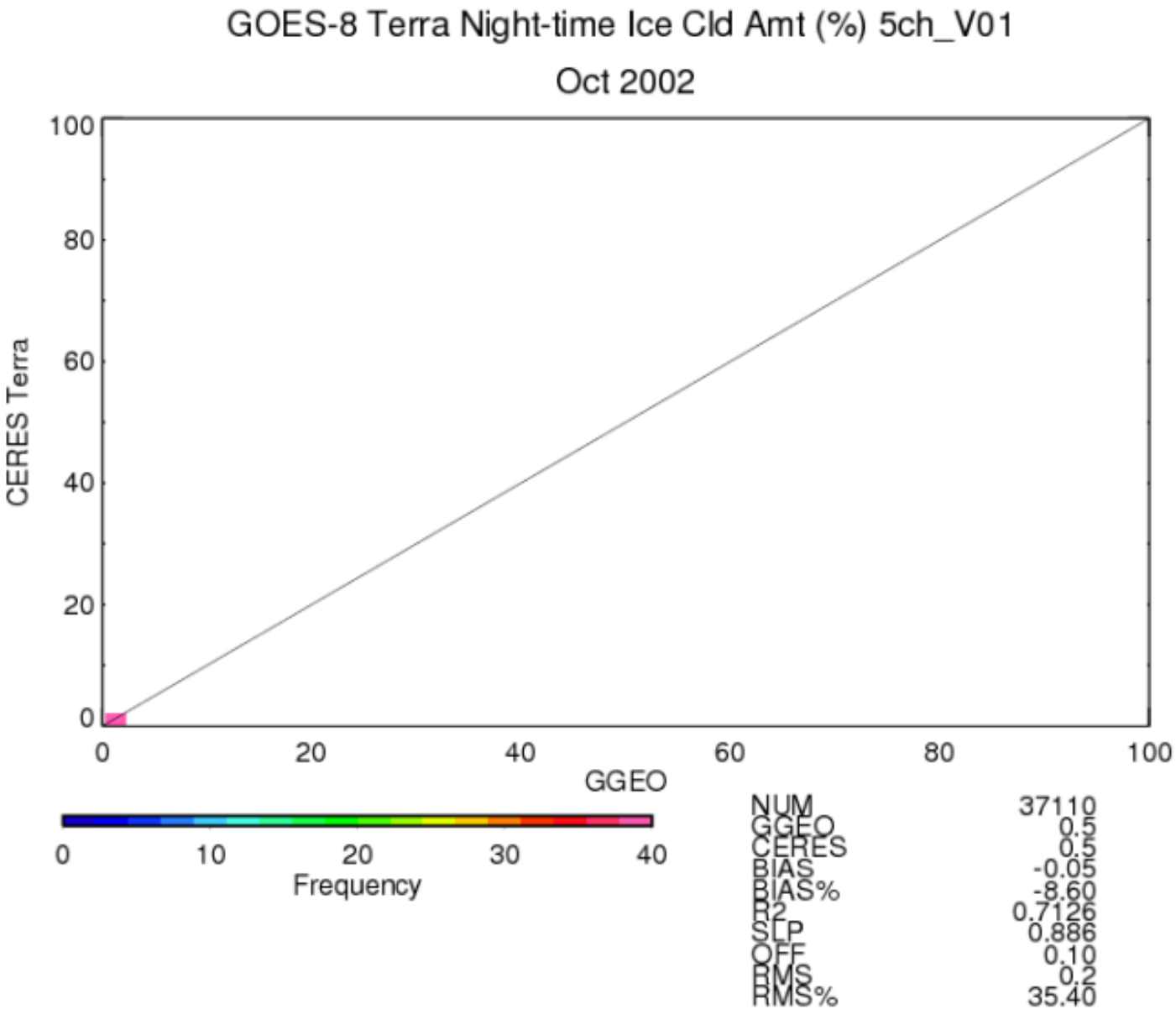

GOES-8 Terra Night-time Cloud Eff Height (km) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 56387
GGEO 5.0
CERES 6.2
BIAS -1.21
BIAS% -19.51
R2 0.7114
SLP 1.050
OFF 0.96
RMS 2.4
RMS% 38.48

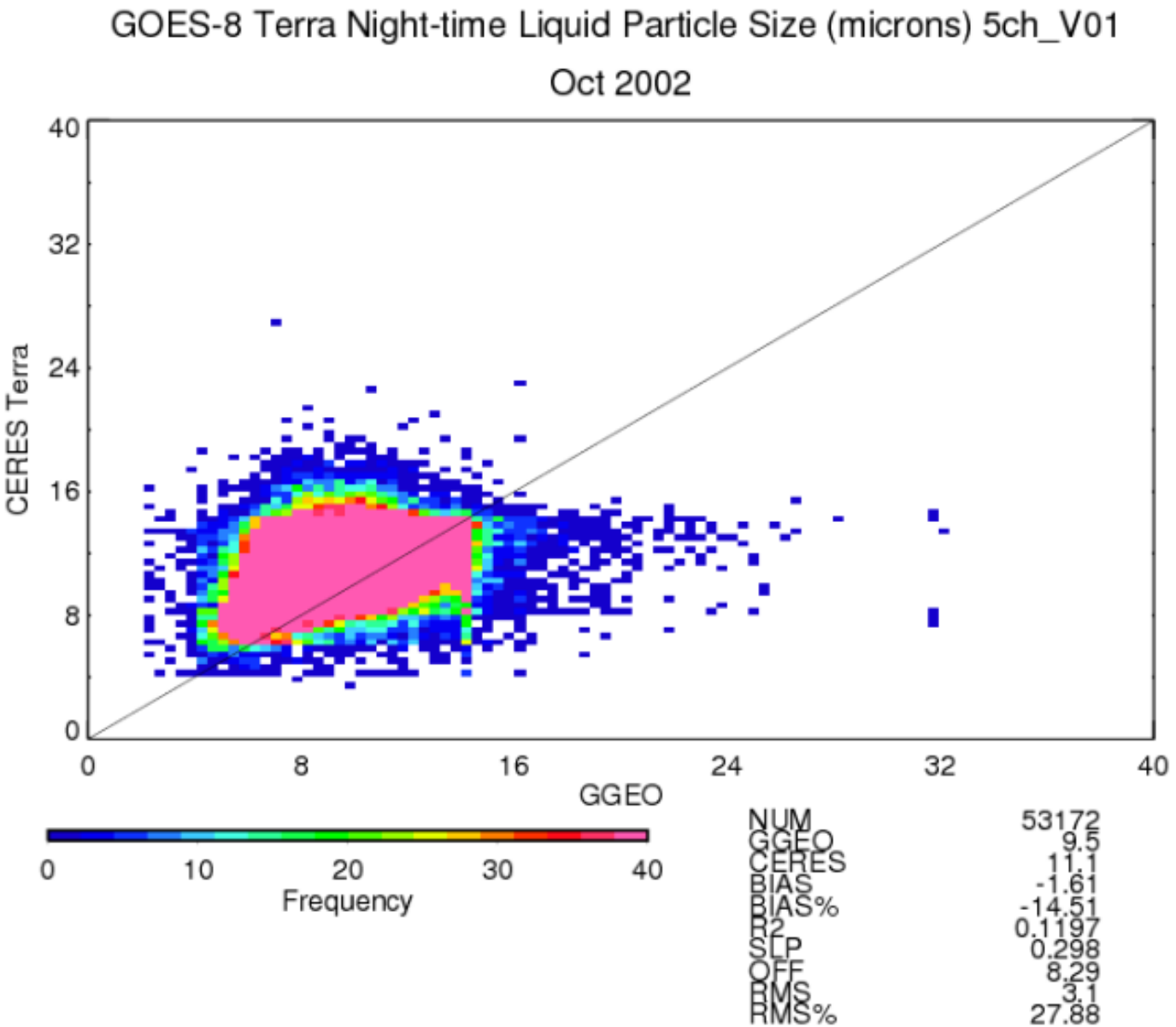

GOES-8 Terra Night-time Cloud Top Height (km) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
0
2
4
6
8
10
12
0
10
20
30
40
NUM 56387
GGEO 5.5
CERES 6.6
BIAS -1.10
BIAS% -16.68
R2 0.7300
SLP 0.984
OFF 1.19
RMS 2.4
RMS% 35.96

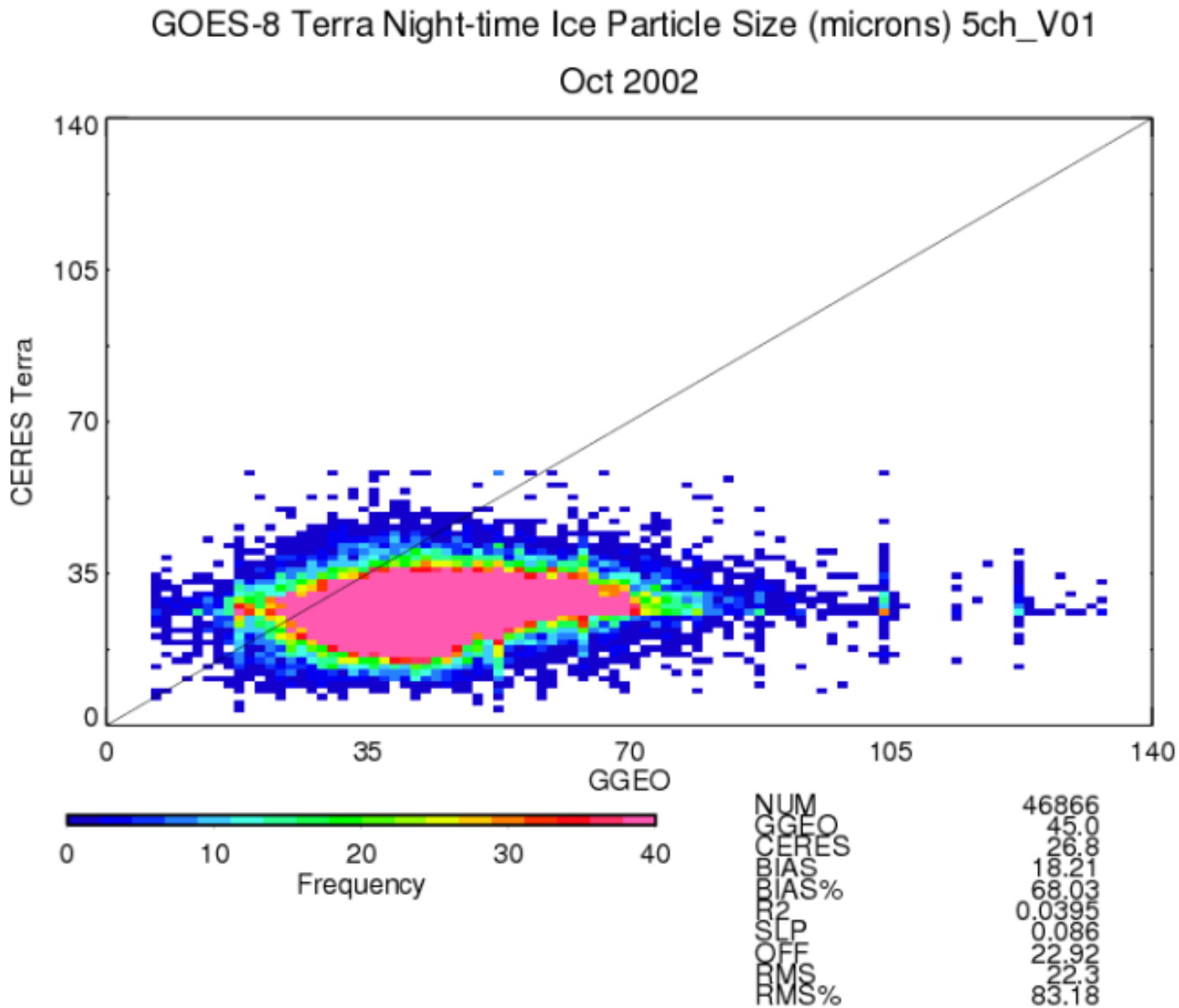

GOES-8 Terra Night-time Cloud Base Height (km) 5ch_V01
Oct 2002
CERES Terra
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

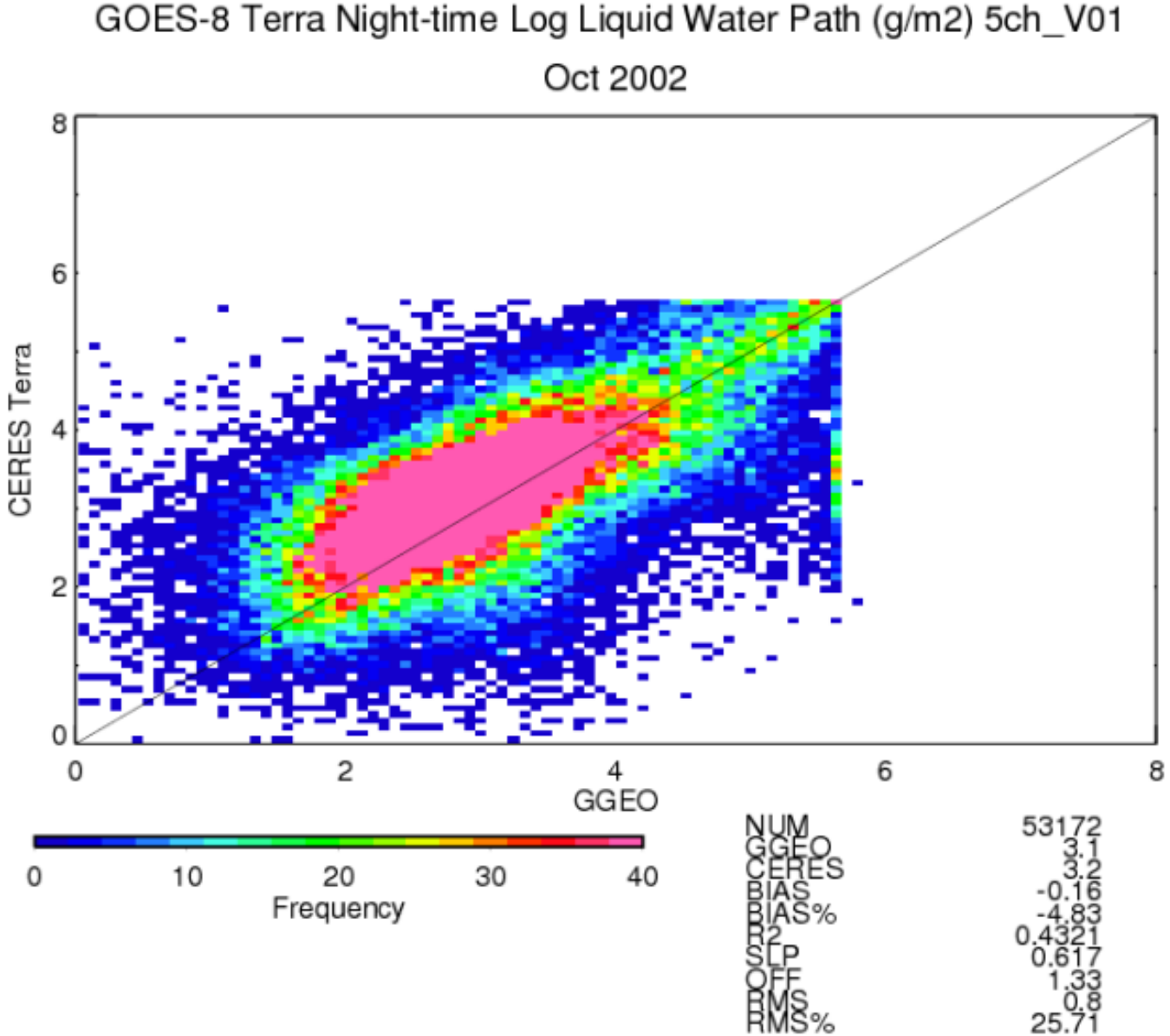

GOES-8 Terra Night-time Cloud Phase 5ch_V01
Oct 2002
CERES Terra
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 56387
GGEO 1.4
CERES 1.4
BIAS -0.04
BIAS% -3.05
R2 0.7614
SLP 0.934
OFF 0.13
RMS 0.2
RMS% 12.95

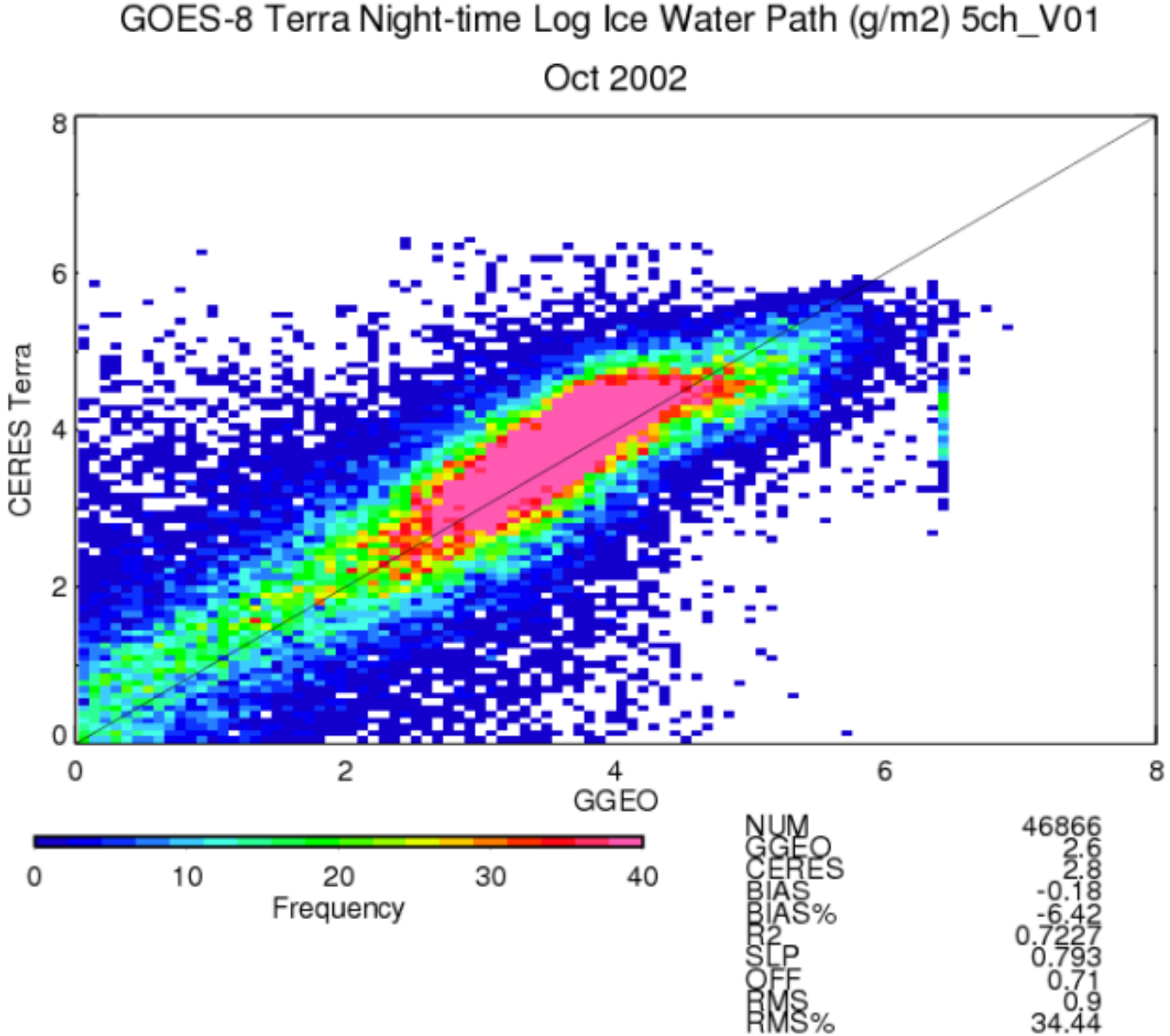

GOES-8 Terra Night-time Liquid Cld Amt (%) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
20
40
60
80
100
Frequency
0
10
20
30
40
NUM 47172
GGEO 0.5
CERES 0.4
BIAS 0.06
BIAS% 13.91
R2 0.6068
SLP 0.811
OFF 0.03
RMS 0.2
RMS% 47.41

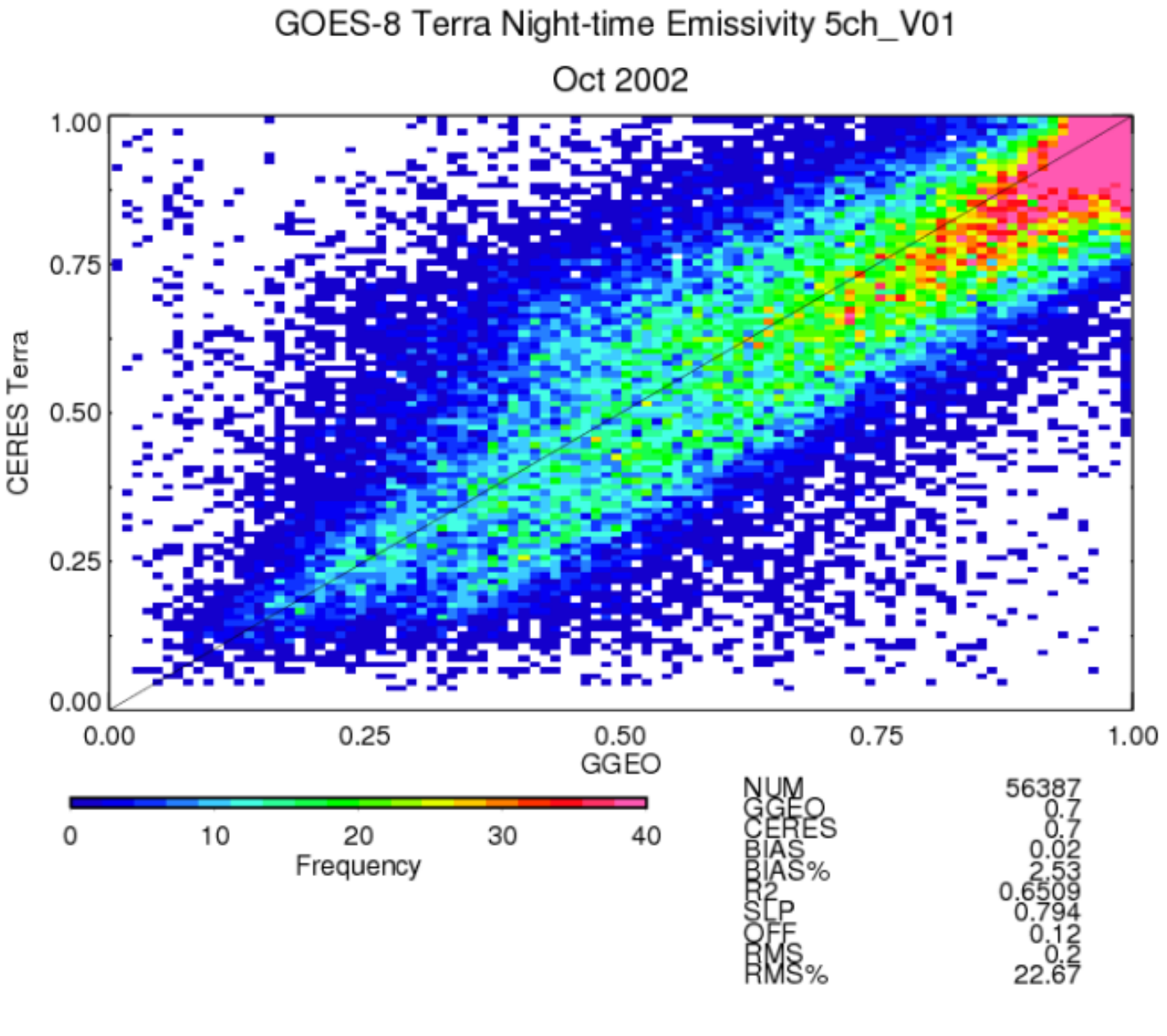

GOES-8 Terra Night-time Ice Cld Amt (%) 5ch_V01
Oct 2002
CERES Terra
GGEO
Frequency
NUM 37110
GGEO 0.5
CERES 0.5
BIAS -0.05
BIAS% -8.60
R2 0.7126
SLP 0.886
OFF 0.10
RMS 0.2
RMS% 35.40

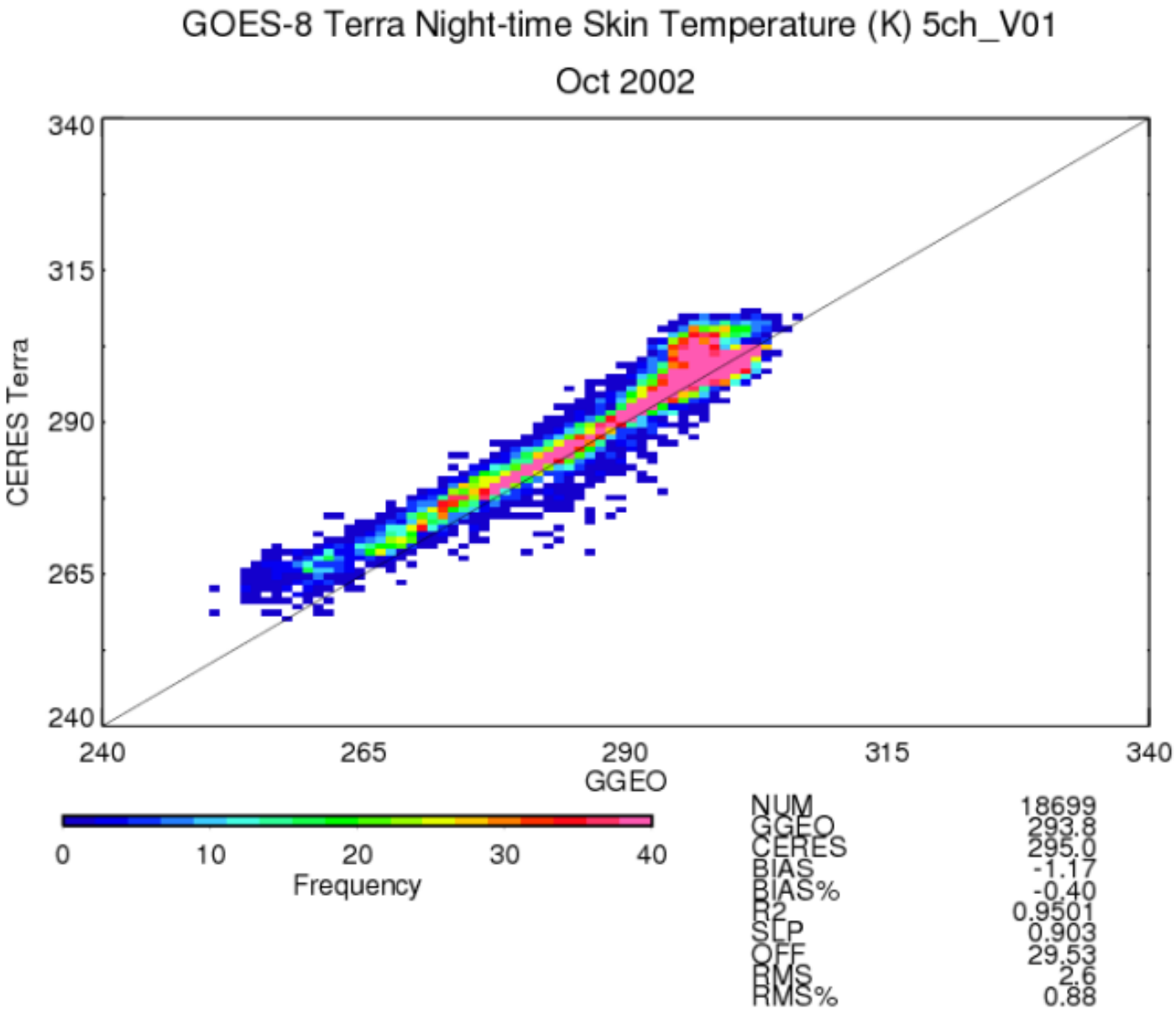

GOES-8 Terra Night-time Liquid Particle Size (microns) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
8
16
24
32
40
Frequency
0
10
20
30
40
NUM 53172
GGEO 9.5
CERES 11.1
BIAS -1.61
BIAS% -14.51
R2 0.1197
SLP 0.298
OFF 8.29
RMS 3.1
RMS% 27.88


GOES-8 Terra Night-time Ice Particle Size (microns) 5ch_V01
Oct 2002
CERES Terra
140
105
70
35
0
0
35
70
105
140
GGEO
0
10
20
30
40
Frequency
NUM 46866
GGEO 45.0
CERES 26.8
BIAS 18.21
BIAS% 68.03
R2 0.0395
SLP 0.086
OFF 22.92
RMS 22.3
RMS% 83.18


GOES-8 Terra Night-time Log Liquid Water Path (g/m2) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 53172
GGEO 3.1
CERES 3.2
BIAS -0.16
BIAS% -4.83
R2 0.4321
SLP 0.617
OFF 1.33
RMS 0.8
RMS% 25.71


GOES-8 Terra Night-time Log Ice Water Path (g/m2) 5ch_V01
Oct 2002
CERES Terra
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 46866
GGEO 2.6
CERES 2.8
BIAS -0.18
BIAS% -6.42
R2 0.7227
SLP 0.793
OFF 0.71
RMS 0.9
RMS% 34.44


GOES-8 Terra Night-time Emissivity 5ch_V01
Oct 2002
CERES Terra
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 56387
GGEO 0.7
CERES 0.7
BIAS 0.02
BIAS% 2.53
R2 0.6509
SLP 0.794
OFF 0.12
RMS 0.2
RMS% 22.67


GOES-8 Terra Night-time Skin Temperature (K) 5ch_V01
Oct 2002
CERES Terra
340
315
290
265
240
240
265
290
315
340
GGEO
0
10
20
30
40
Frequency
NUM 18699
GGEO 293.8
CERES 295.0
BIAS -1.17
BIAS% -0.40
R2 0.9501
SLP 0.903
OFF 29.53
RMS 2.6
RMS% 0.88