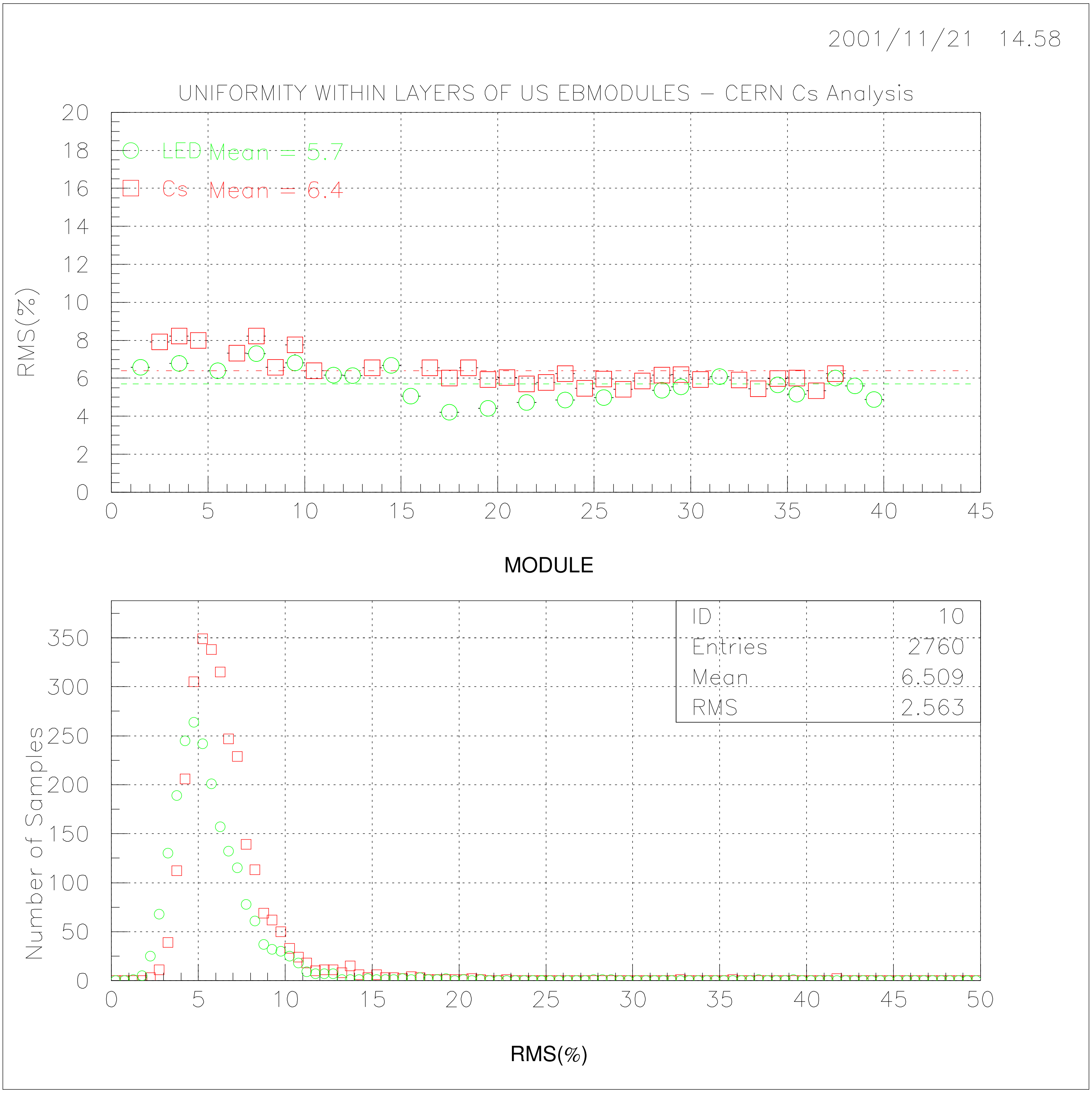
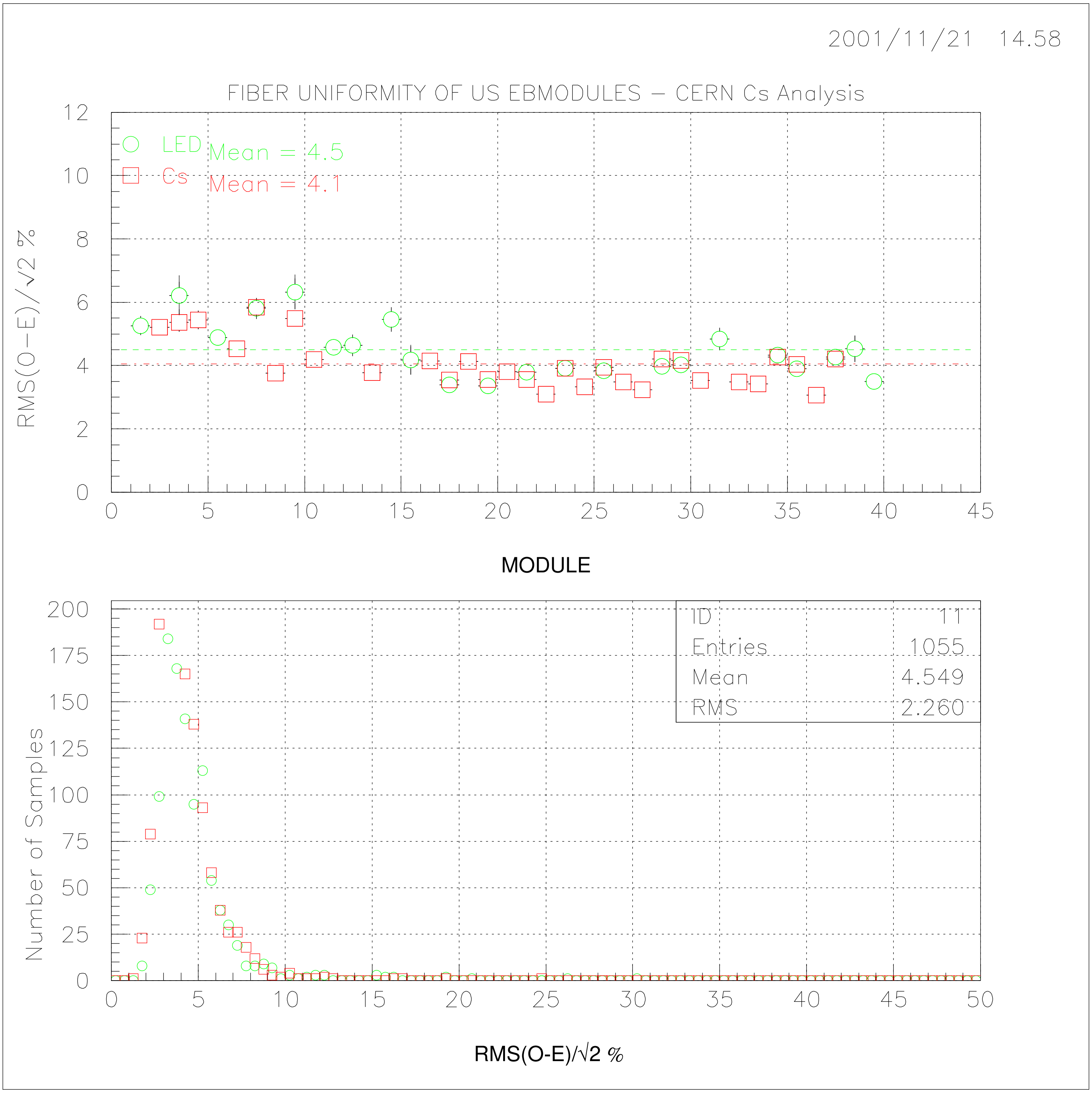
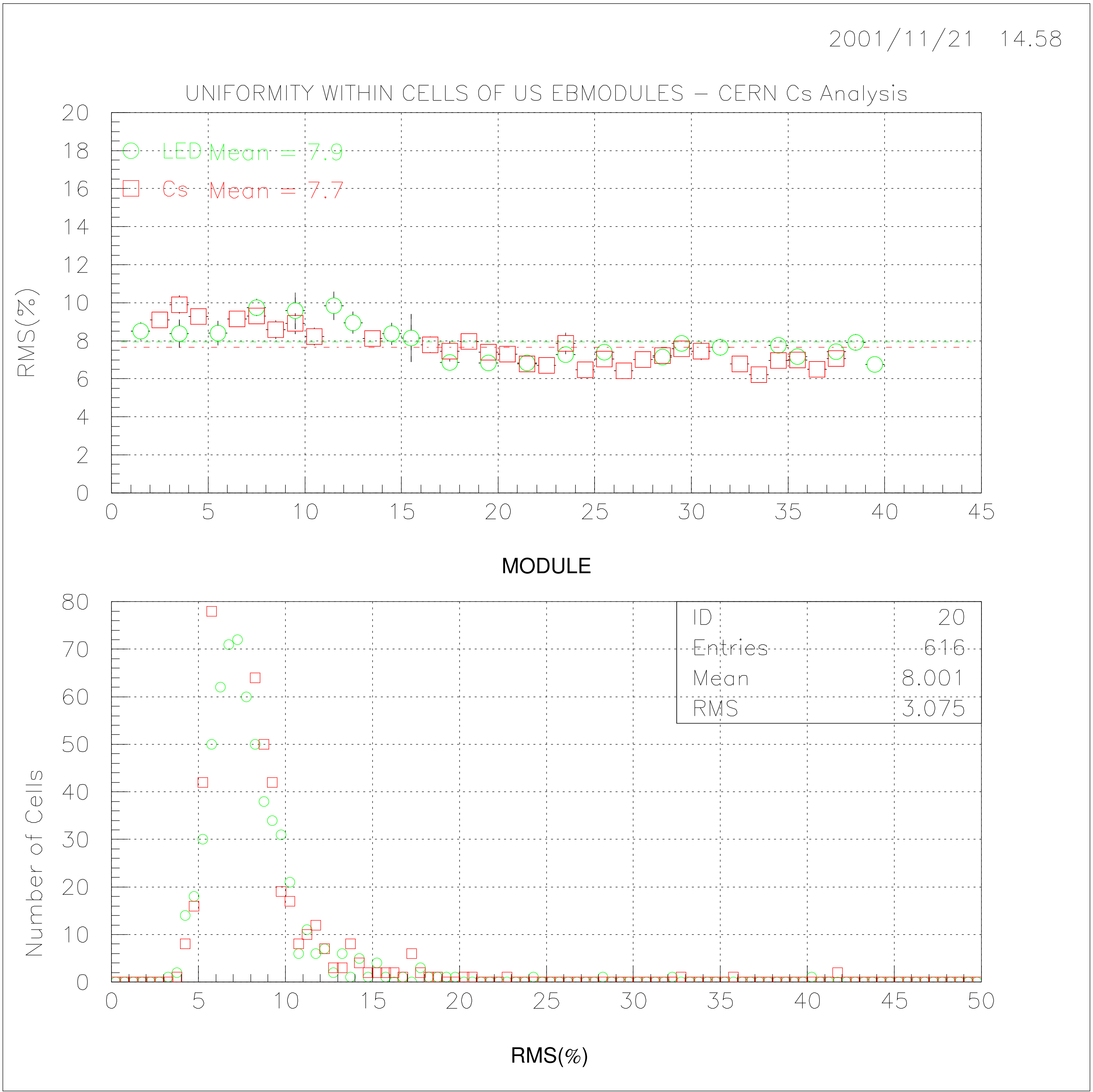
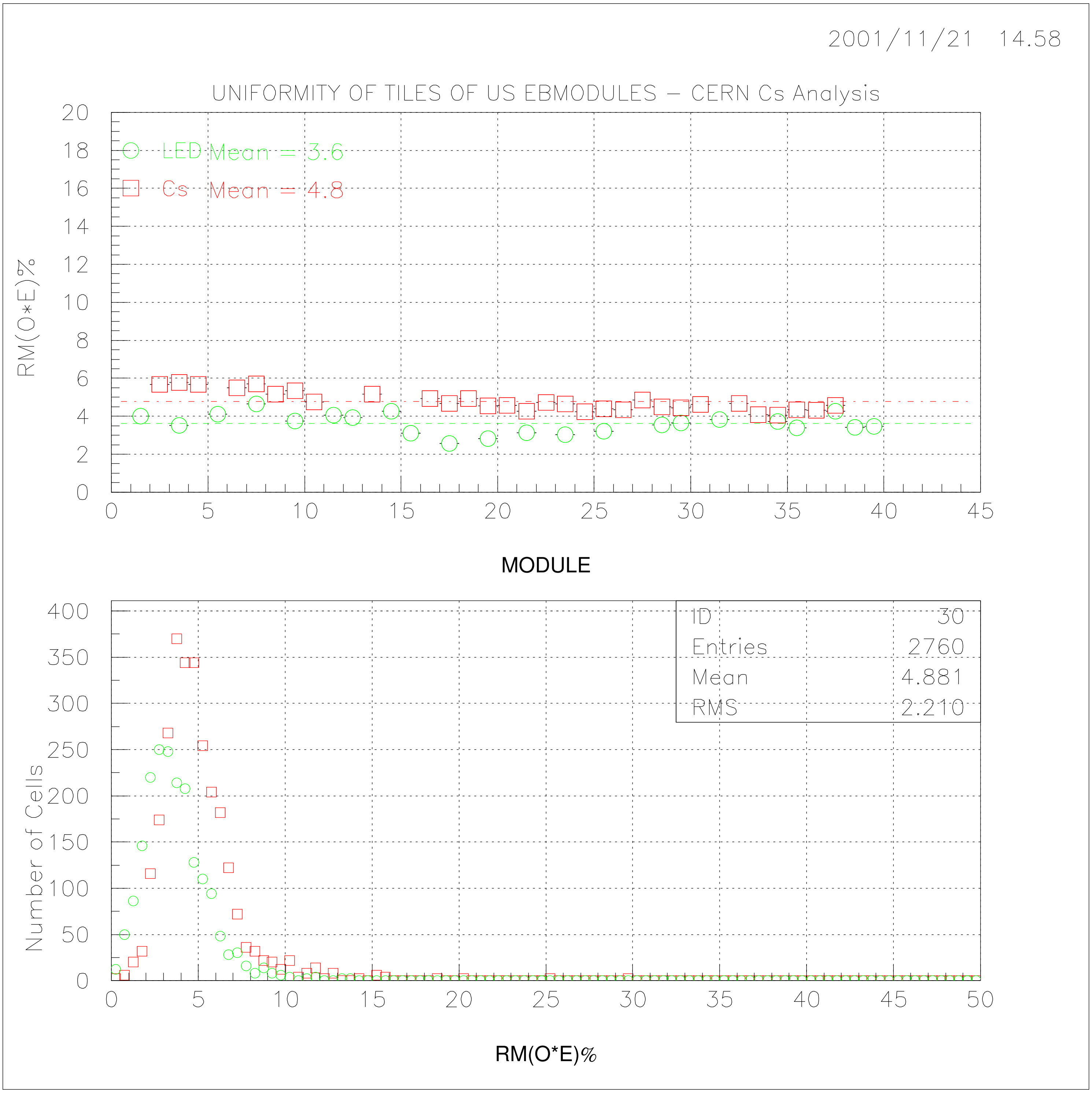


2001/11/21 14.58
UNIFORMITY WITHIN LAYERS OF US EBMODULES – CERN Cs Analysis
LED Mean = 5.7
Cs Mean = 6.4
RMS(%)
MODULE
ID 10
Entries 2760
Mean 6.509
RMS 2.563
Number of Samples
RMS(%)

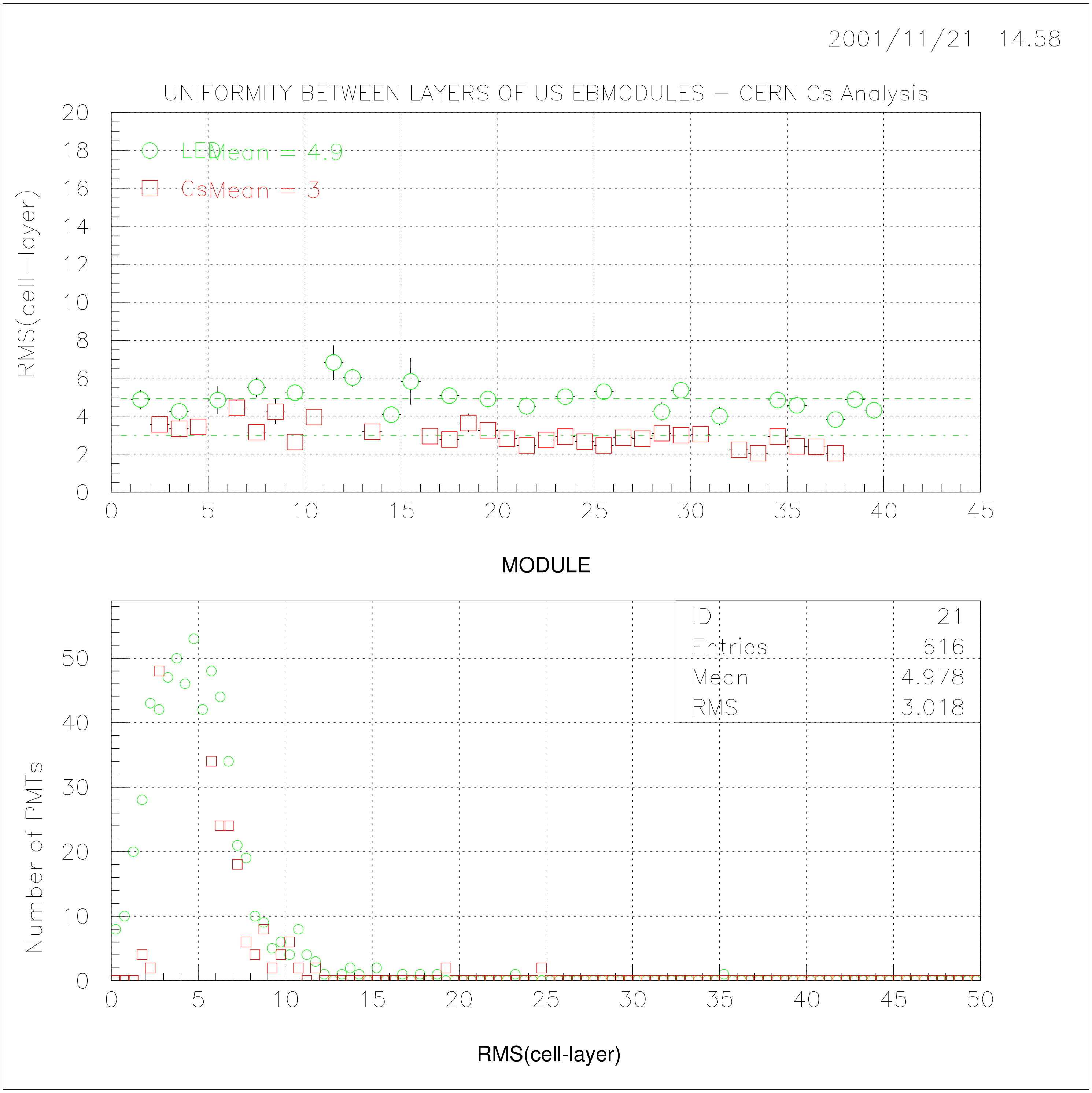

2001/11/21 14.58
FIBER UNIFORMITY OF US EBMODULES − CERN Cs Analysis
LED
Cs
Mean = 4.5
Mean = 4.1
RMS(O−E)/√2 %
MODULE
ID 11
Entries 1055
Mean 4.549
RMS 2.260
Number of Samples
RMS(O-E)/√2 %

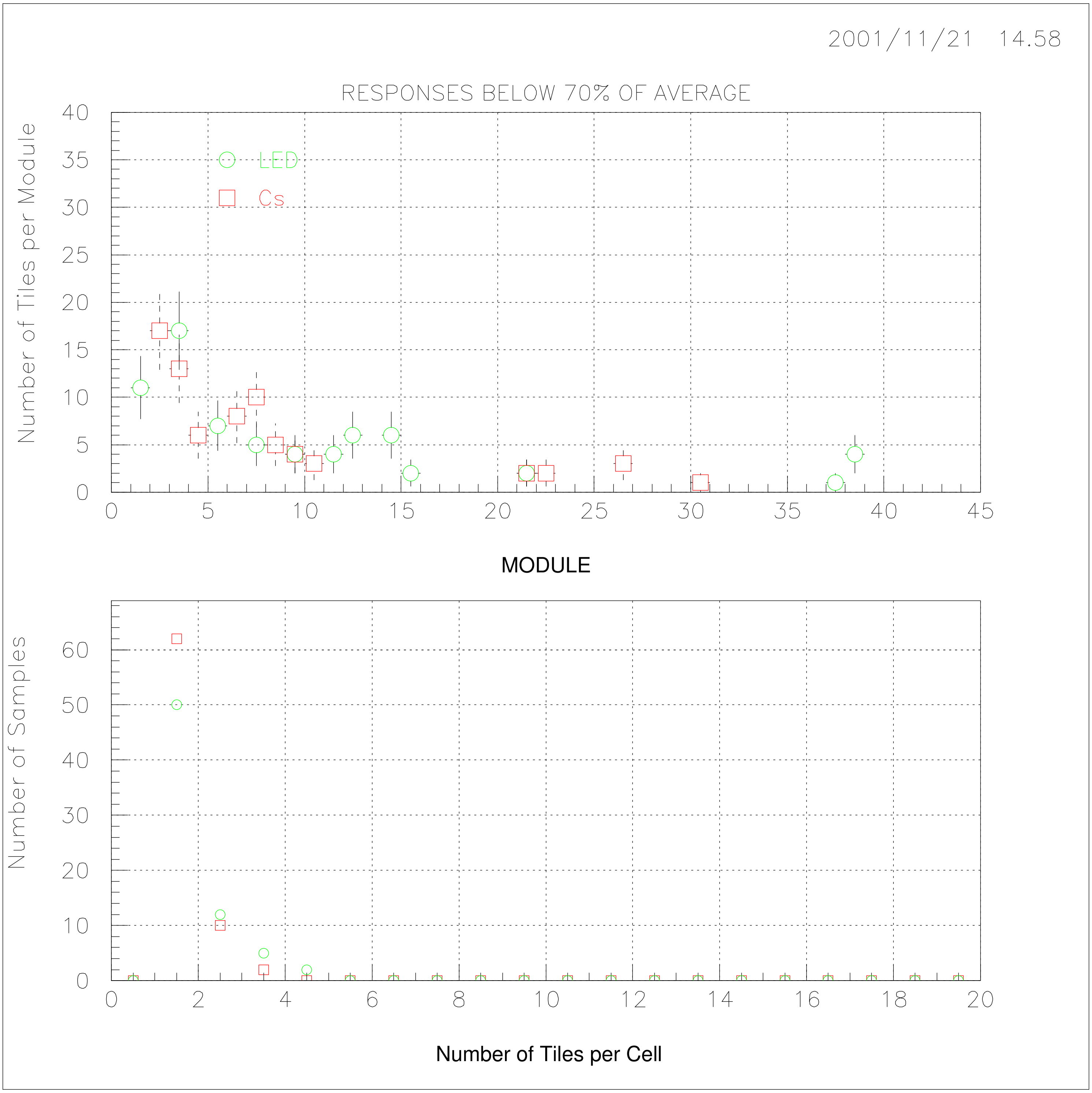


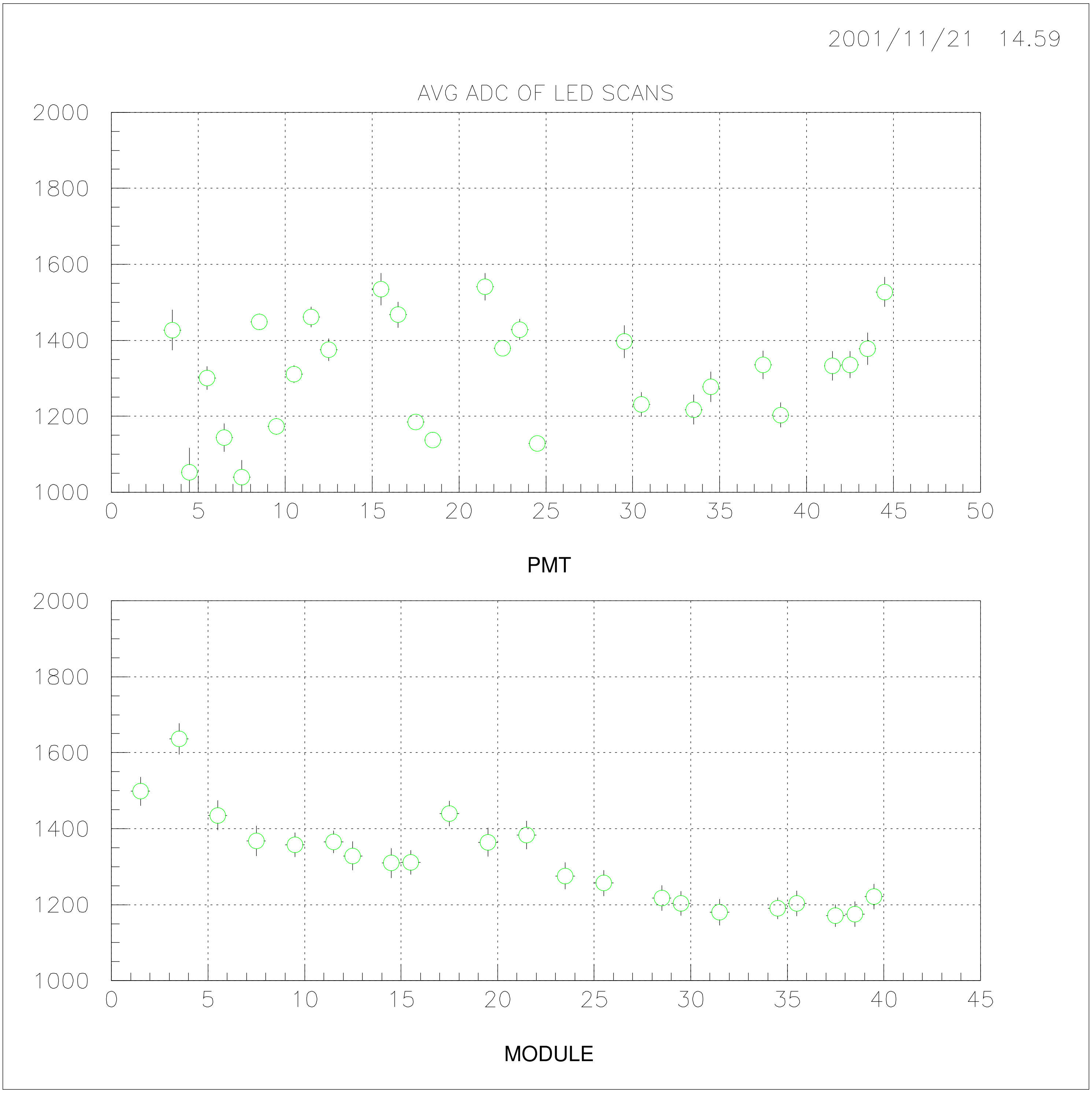
2001/11/21 14.58
UNIFORMITY WITHIN CELLS OF US EBMODULES – CERN Cs Analysis
LED Mean = 7.9
Cs Mean = 7.7
RMS(%)
MODULE
ID 20
Entries 616
Mean 8.001
RMS 3.075
Number of Cells
RMS(%)



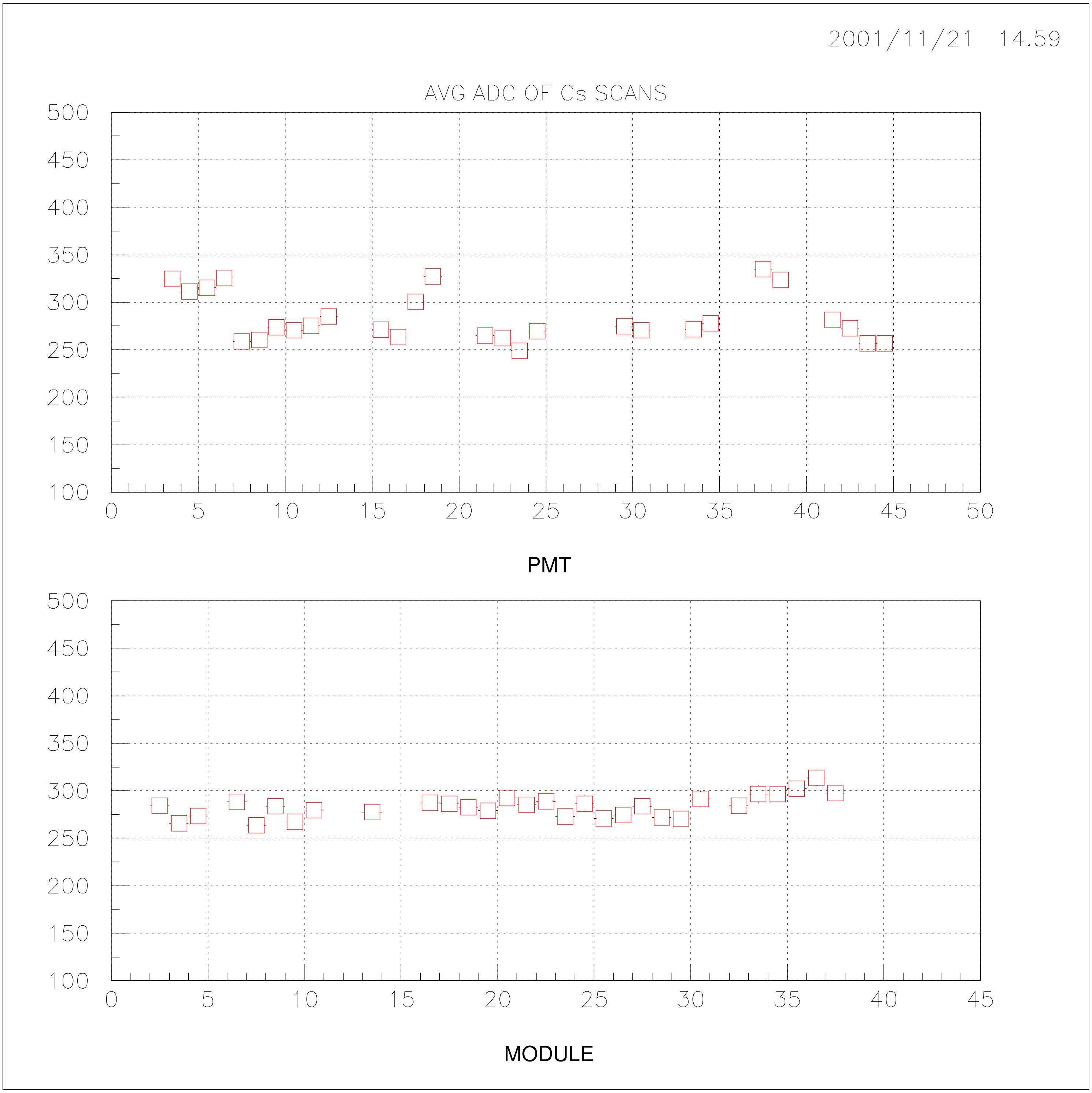
2001/11/21 14.58
UNIFORMITY OF TILES OF US EBMODULES – CERN Cs Analysis
LED Mean = 3.6
Cs Mean = 4.8
RM(O*E)%
MODULE
ID 30
Entries 2760
Mean 4.881
RMS 2.210
Number of Cells
RM(O*E)%


2001/11/21 14.58
UNIFORMITY BETWEEN LAYERS OF US EBMODULES – CERN Cs Analysis
LED Mean = 4.9
Cs Mean = 3
RMS(cell−layer)
MODULE
ID 21
Entries 616
Mean 4.978
RMS 3.018
Number of PMTs
RMS(cell-layer)


2001/11/21 14.58
RESPONSES BELOW 70% OF AVERAGE
LED
Cs
Number of Tiles per Module
MODULE
Number of Samples
Number of Tiles per Cell



2001/11/21 14.59
AVG ADC OF LED SCANS
2000
1800
1600
1400
1200
1000
0
5
10
15
20
25
30
35
40
45
50
PMT
2000
1800
1600
1400
1200
1000
0
5
10
15
20
25
30
35
40
45
MODULE


2001/11/21 14.59
AVG ADC OF Cs SCANS
PMT
MODULE