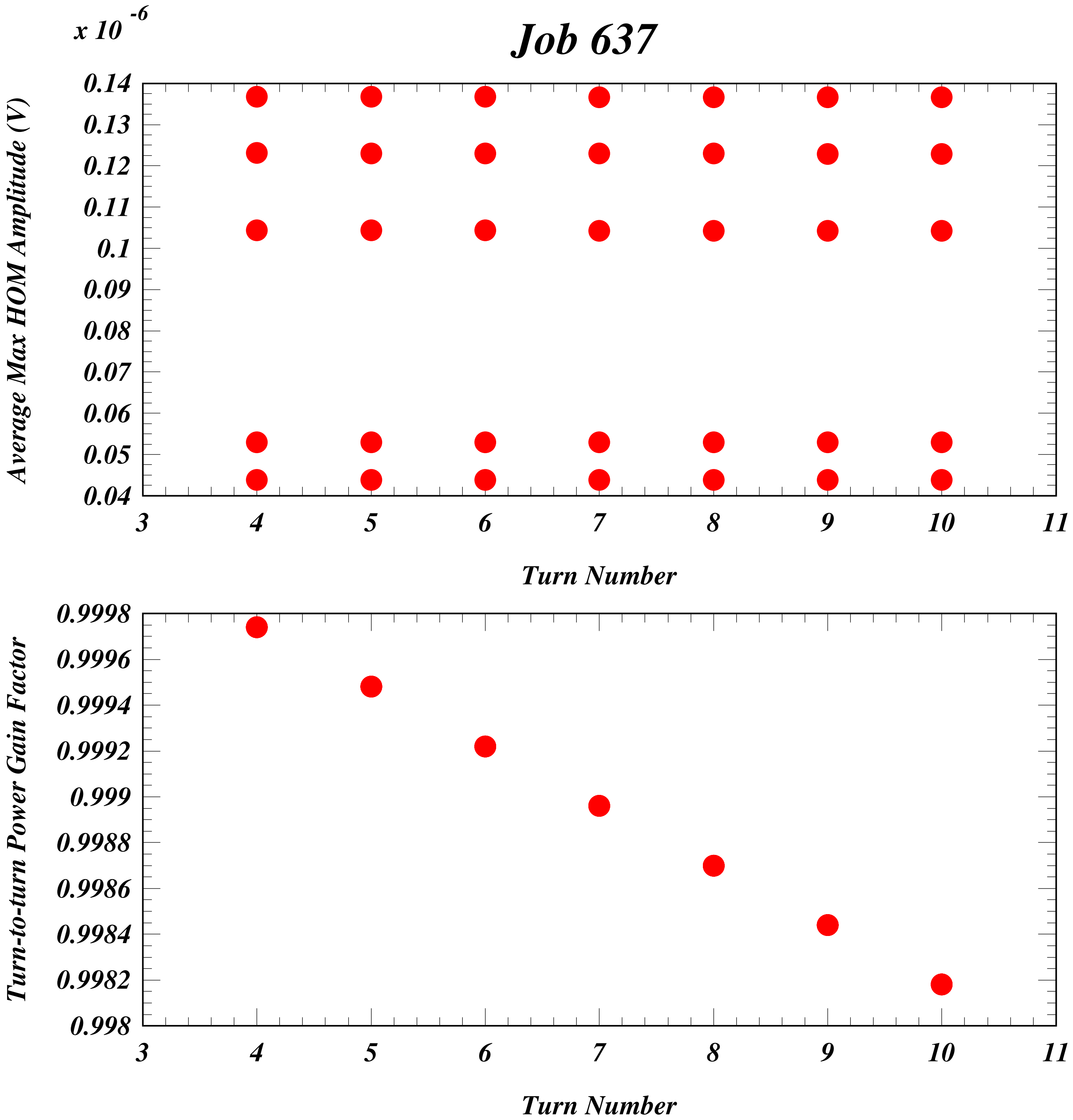
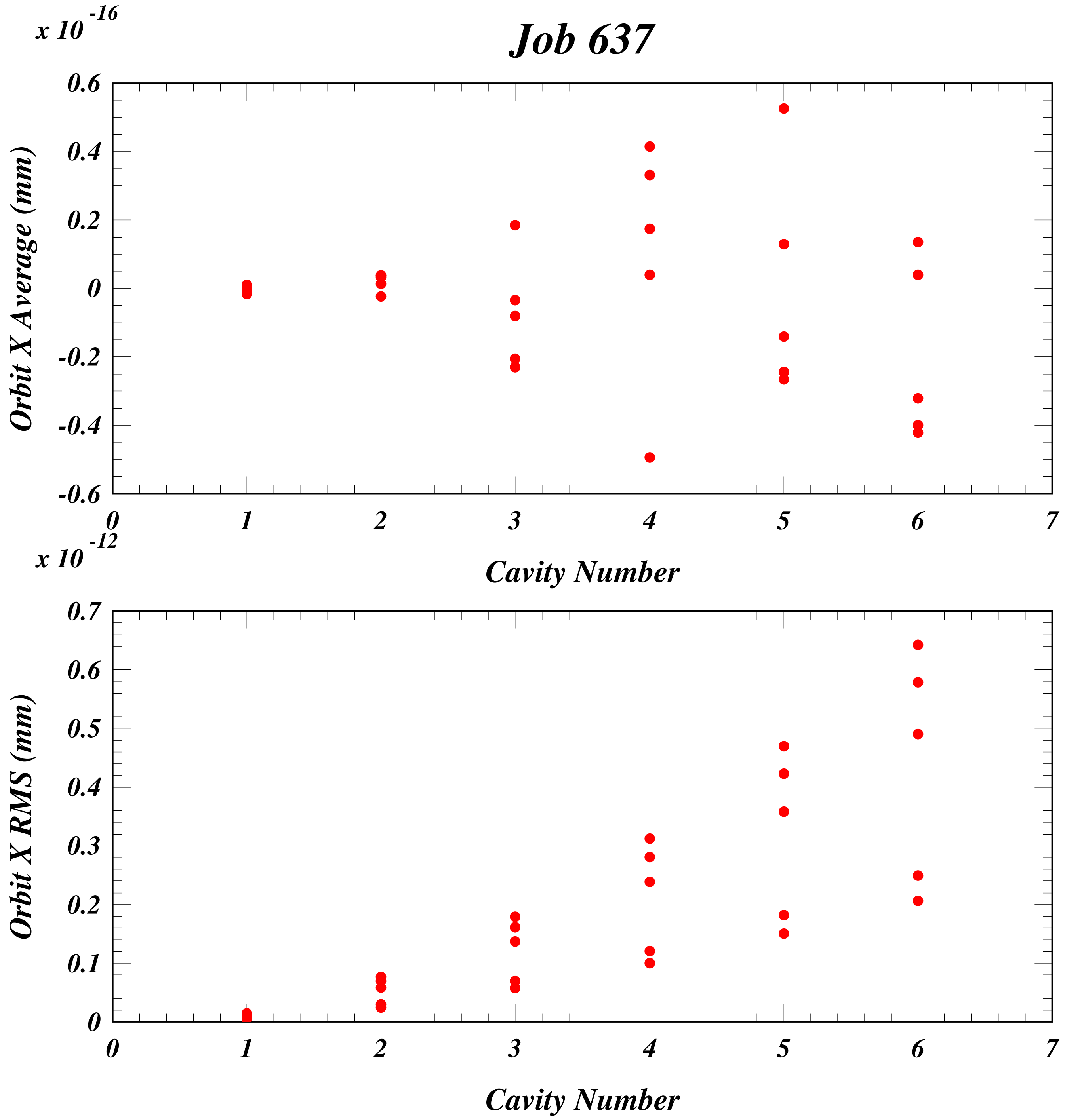
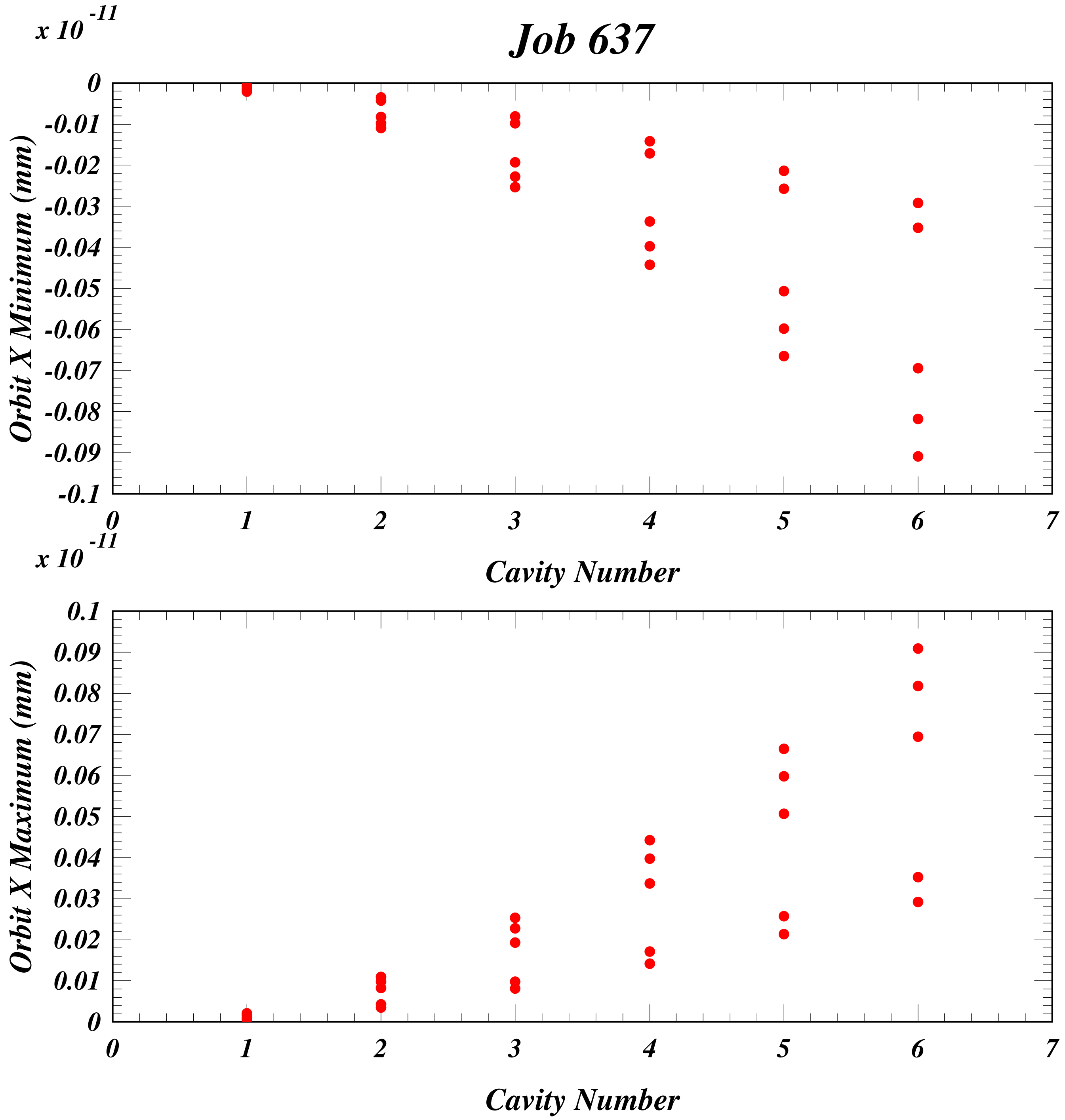


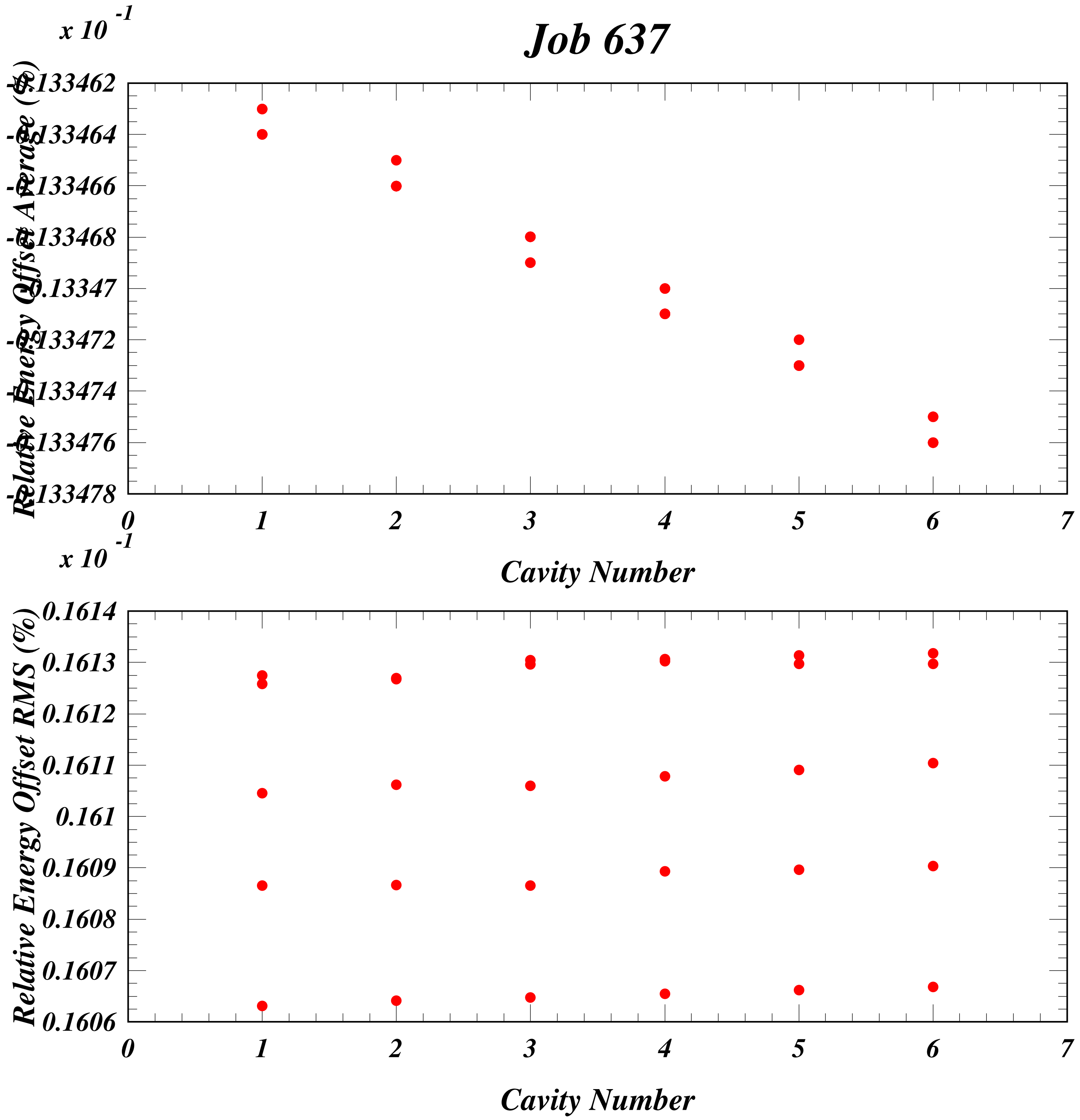
Job 637
x 10 -6
Average Max HOM Amplitude (V)
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
3
4
5
6
7
8
9
10
11
Turn Number
Turn-to-turn Power Gain Factor
0.9998
0.9996
0.9994
0.9992
0.999
0.9988
0.9986
0.9984
0.9982
0.998
3
4
5
6
7
8
9
10
11
Turn Number

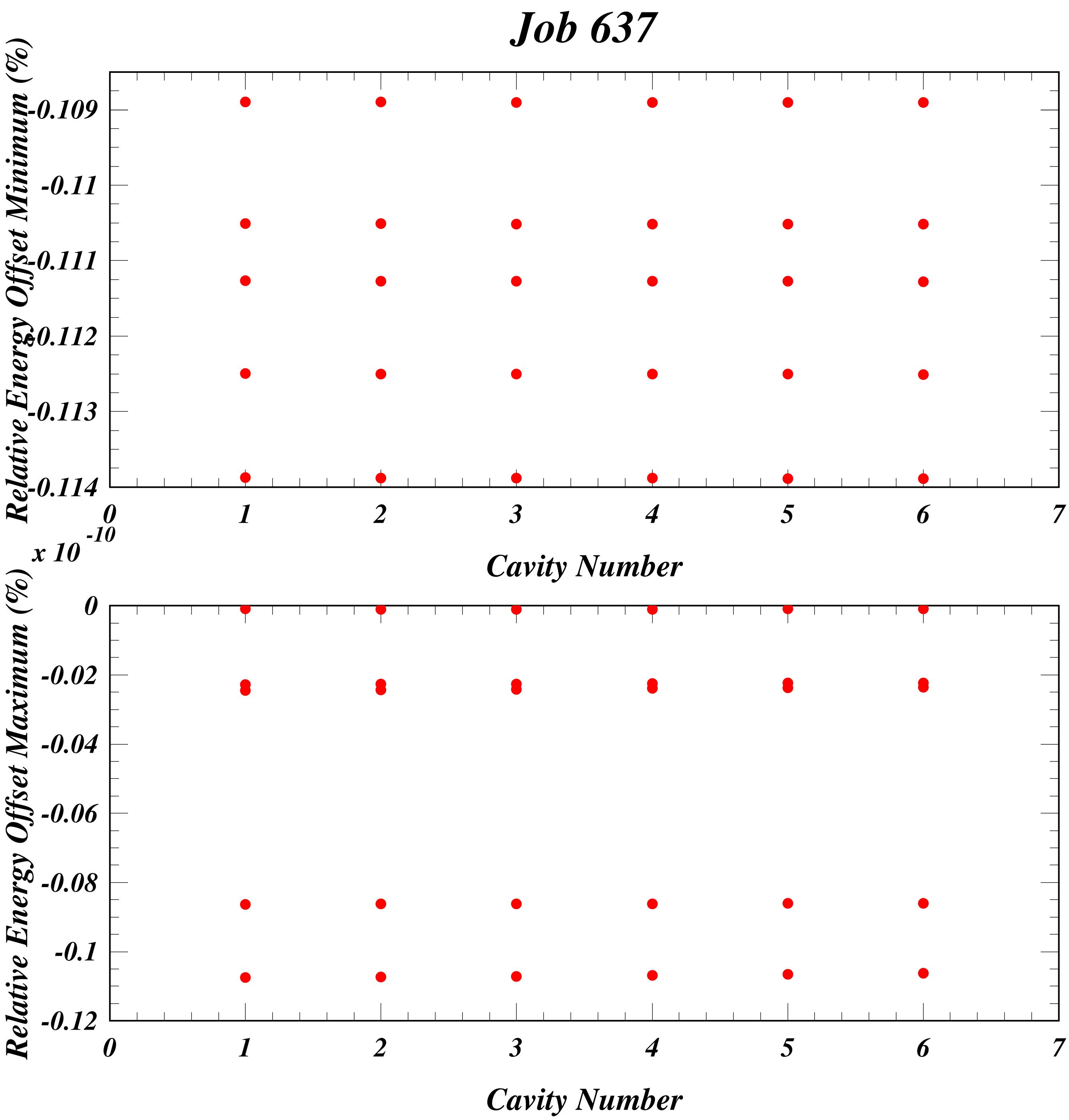


Job 637
x 10^-16
Orbit X Average (mm)
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
0
1
2
3
4
5
6
7
Cavity Number
x 10^-12
Orbit X RMS (mm)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5
6
7
Cavity Number

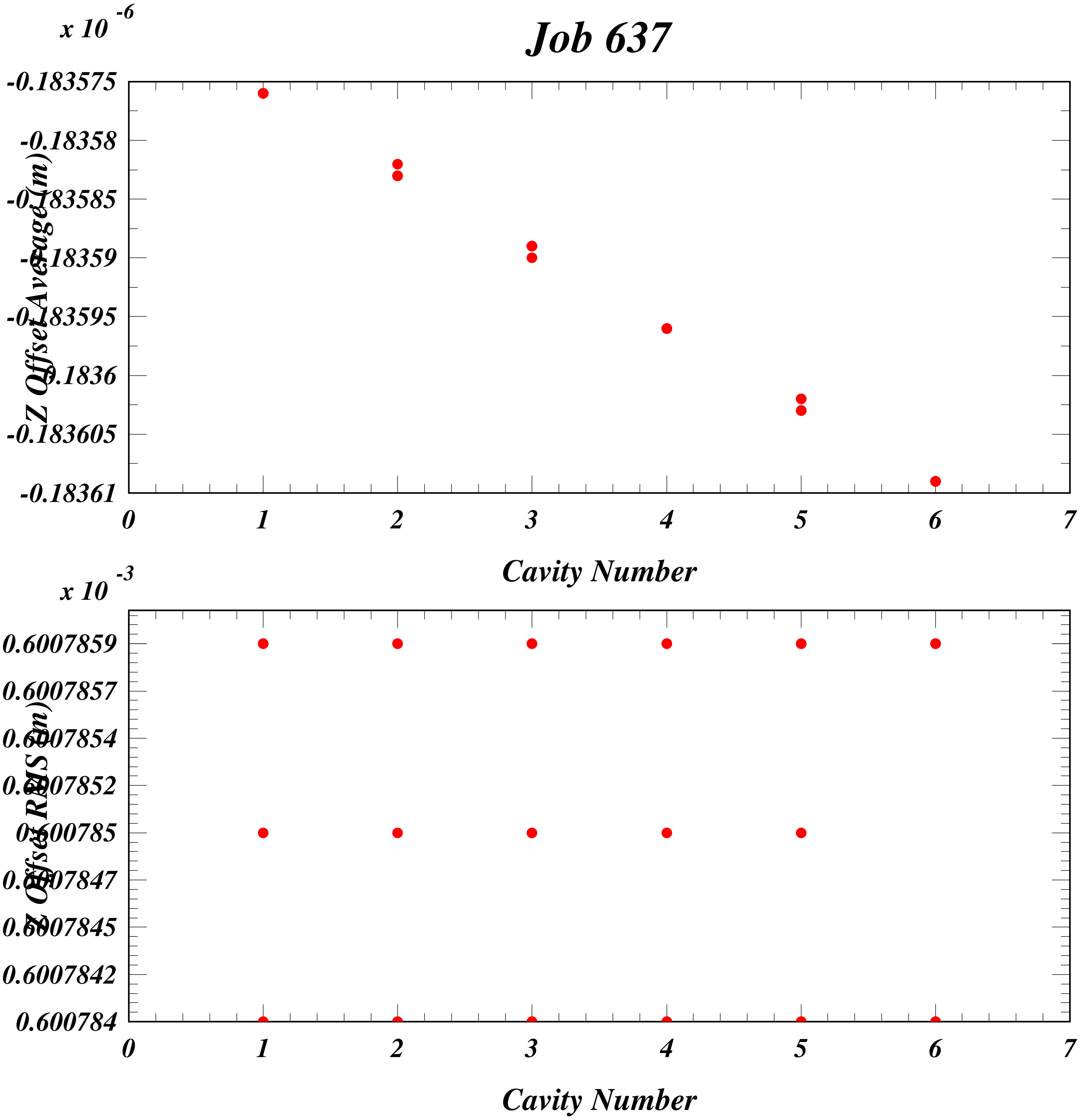


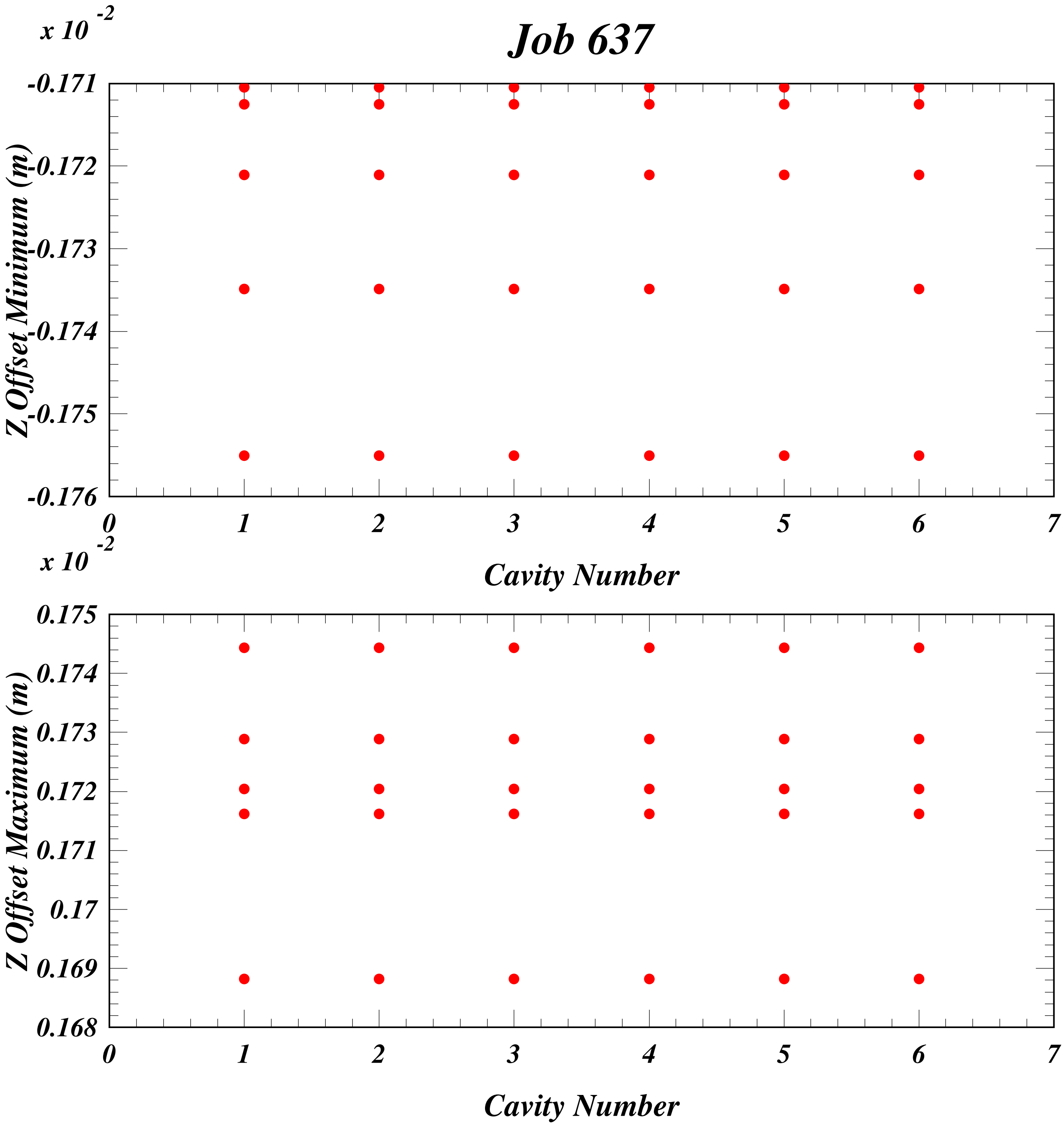
Job 637
x 10^-11
Orbit X Minimum (mm)
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
-0.07
-0.08
-0.09
-0.1
0 1 2 3 4 5 6 7
Cavity Number
x 10^-11
Orbit X Maximum (mm)
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0 1 2 3 4 5 6 7
Cavity Number


Job 637
x 10^-1
-0.133462
-0.133464
-0.133466
-0.133468
-0.13347
-0.133472
-0.133474
-0.133476
-0.133478
Relative Energy Offset Average (%)
0
1
2
3
4
5
6
7
Cavity Number
x 10^-1
0.1614
0.1613
0.1612
0.1611
0.161
0.1609
0.1608
0.1607
0.1606
Relative Energy Offset RMS (%)
0
1
2
3
4
5
6
7
Cavity Number

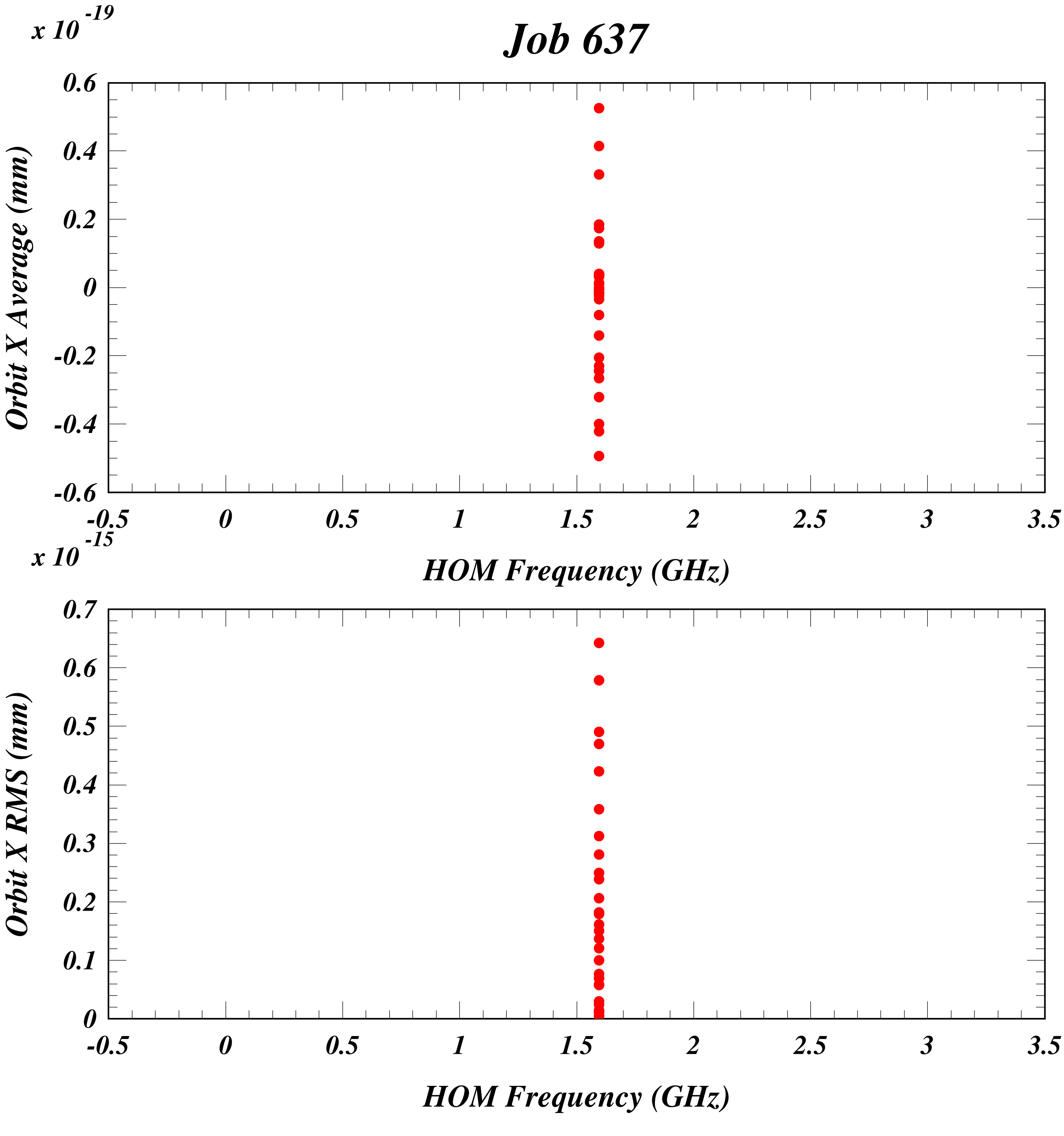


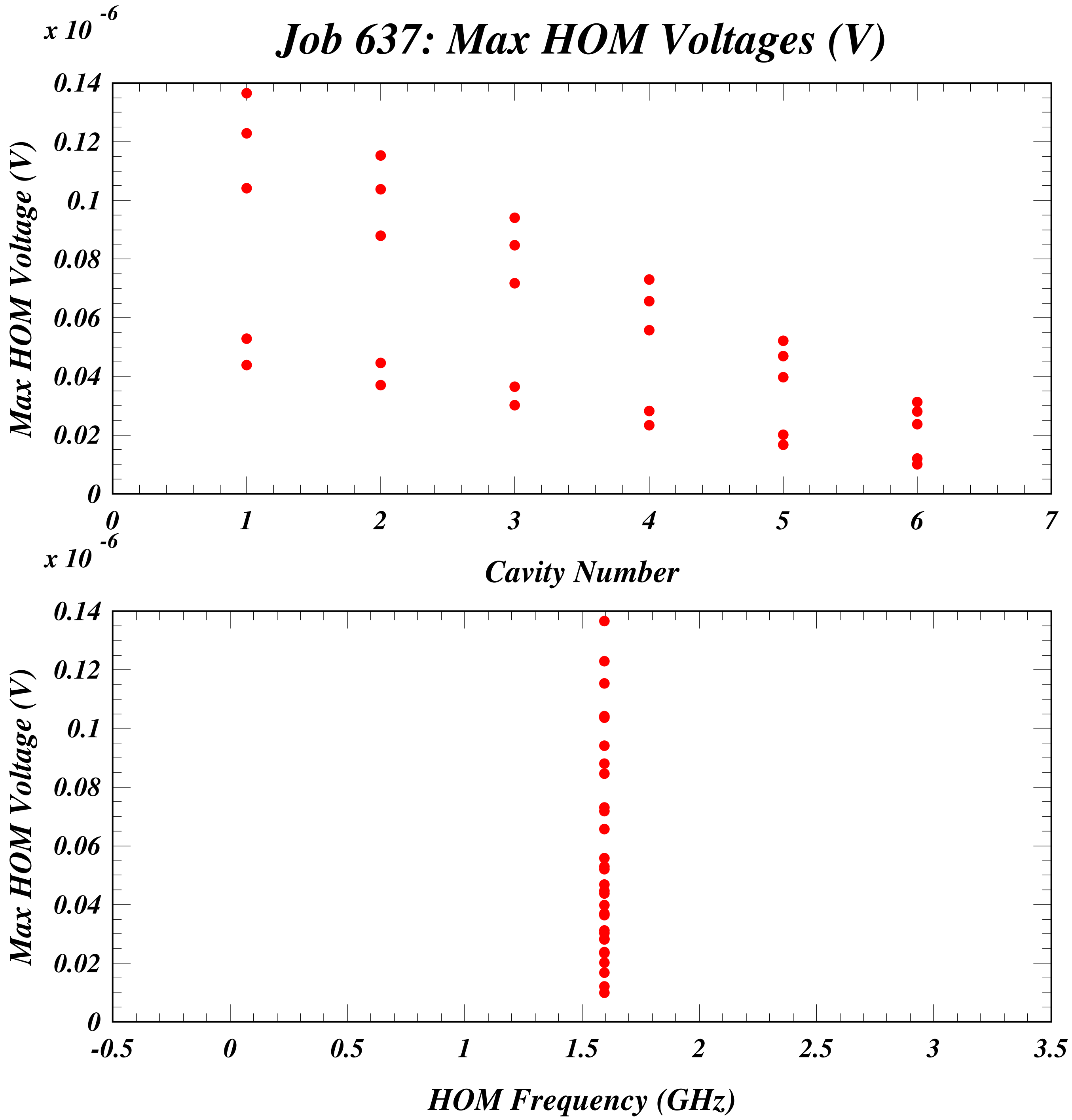
Job 637
Relative Energy Offset Minimum (%)
-0.109
-0.11
-0.111
-0.112
-0.113
-0.114
0
1
2
3
4
5
6
7
Cavity Number
x 10^-10
Relative Energy Offset Maximum (%)
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
0
1
2
3
4
5
6
7
Cavity Number

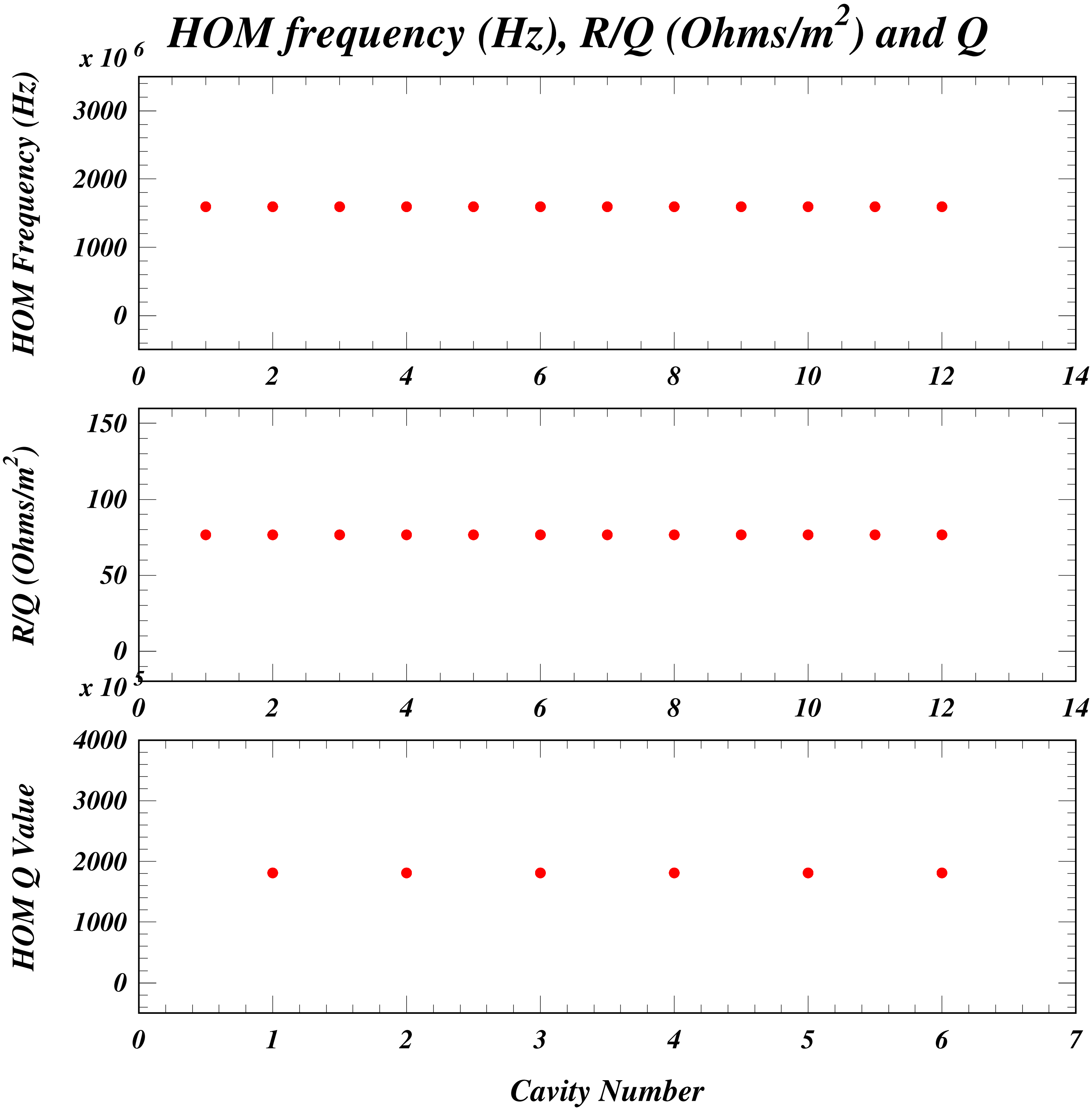

Job 637
x 10 -6
Z Offset Average (m)
-0.183575
-0.18358
-0.183585
-0.18359
-0.183595
-0.1836
-0.183605
-0.18361
0
1
2
3
4
5
6
7
Cavity Number
x 10 -3
Z Offset RMS (m)
0.6007859
0.6007857
0.6007854
0.6007852
0.600785
0.6007847
0.6007845
0.6007842
0.600784
0
1
2
3
4
5
6
7
Cavity Number


x 10 -2
Job 637
-0.171
-0.172
-0.173
-0.174
-0.175
-0.176
Z Offset Minimum (m)
0
1
2
3
4
5
6
7
Cavity Number
x 10 -2
0.175
0.174
0.173
0.172
0.171
0.17
0.169
0.168
Z Offset Maximum (m)
0
1
2
3
4
5
6
7
Cavity Number

Job 637


x 10^-19
Orbit X Average (mm)
HOM Frequency (GHz)
x 10^-15
Orbit X RMS (mm)
HOM Frequency (GHz)


Job 637: Max HOM Voltages (V)
x 10^-6
Max HOM Voltage (V)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0
1
2
3
4
5
6
7
Cavity Number
x 10^-6
Max HOM Voltage (V)
-0.5
0
0.5
1
1.5
2
2.5
3
3.5
HOM Frequency (GHz)


HOM frequency (Hz), R/Q (Ohms/m^2) and Q
x 10^6
HOM Frequency (Hz)
3000
2000
1000
0
0
2
4
6
8
10
12
14
R/Q (Ohms/m^2)
150
100
50
0
x 10^5
HOM Q Value
4000
3000
2000
1000
0
1
3
5
7
Cavity Number

Job 637: Max HOM Power (W)