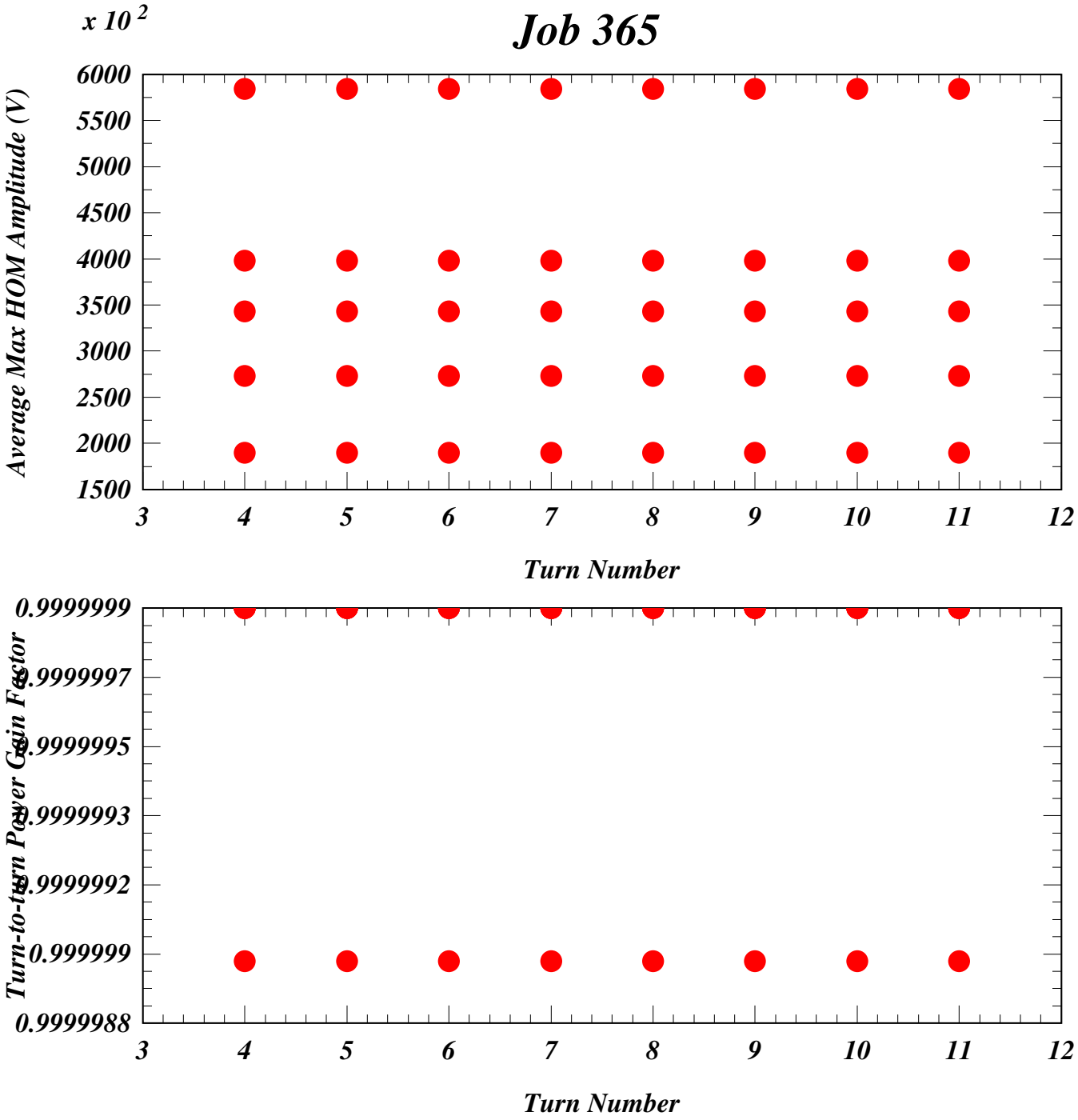
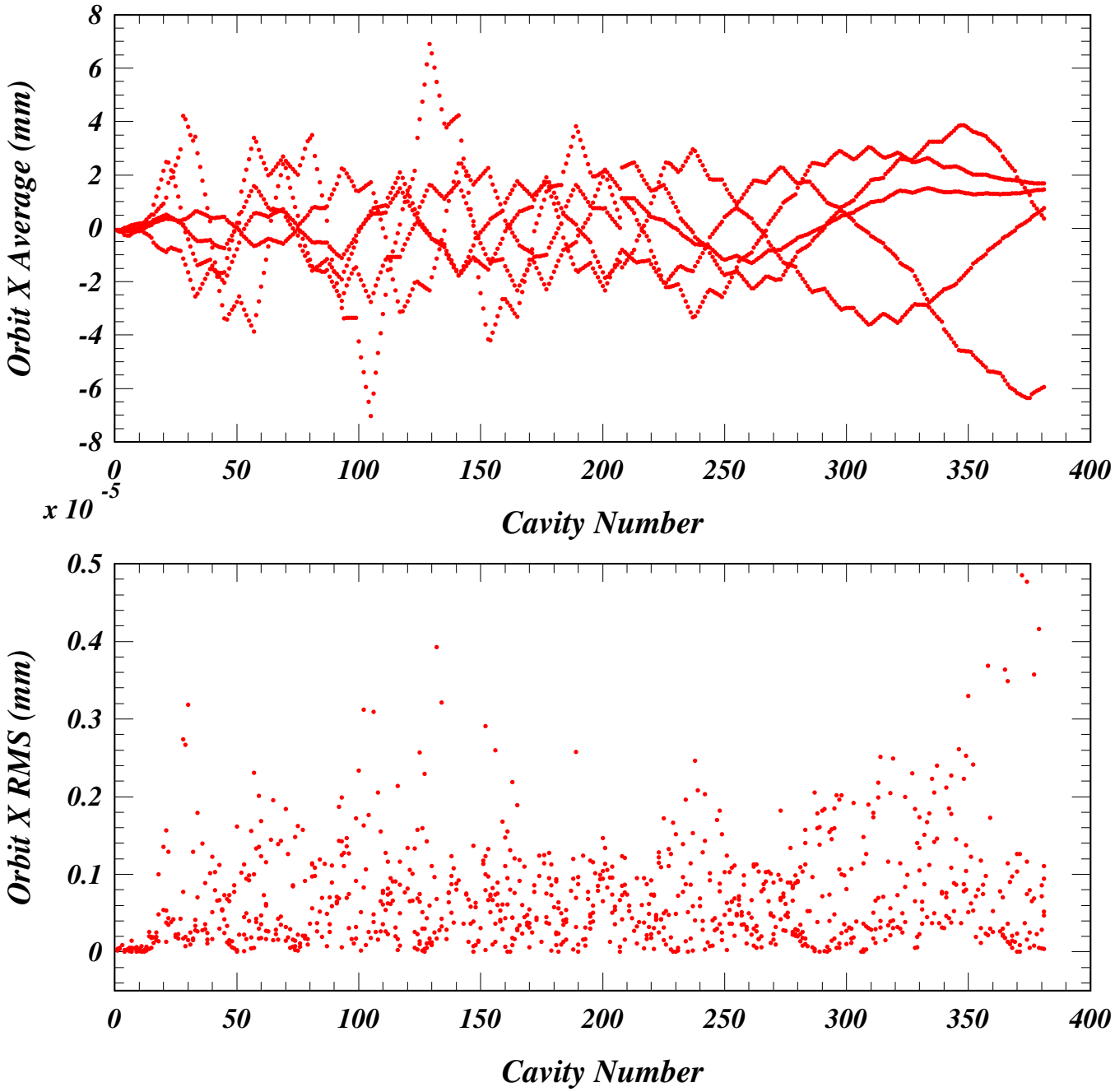
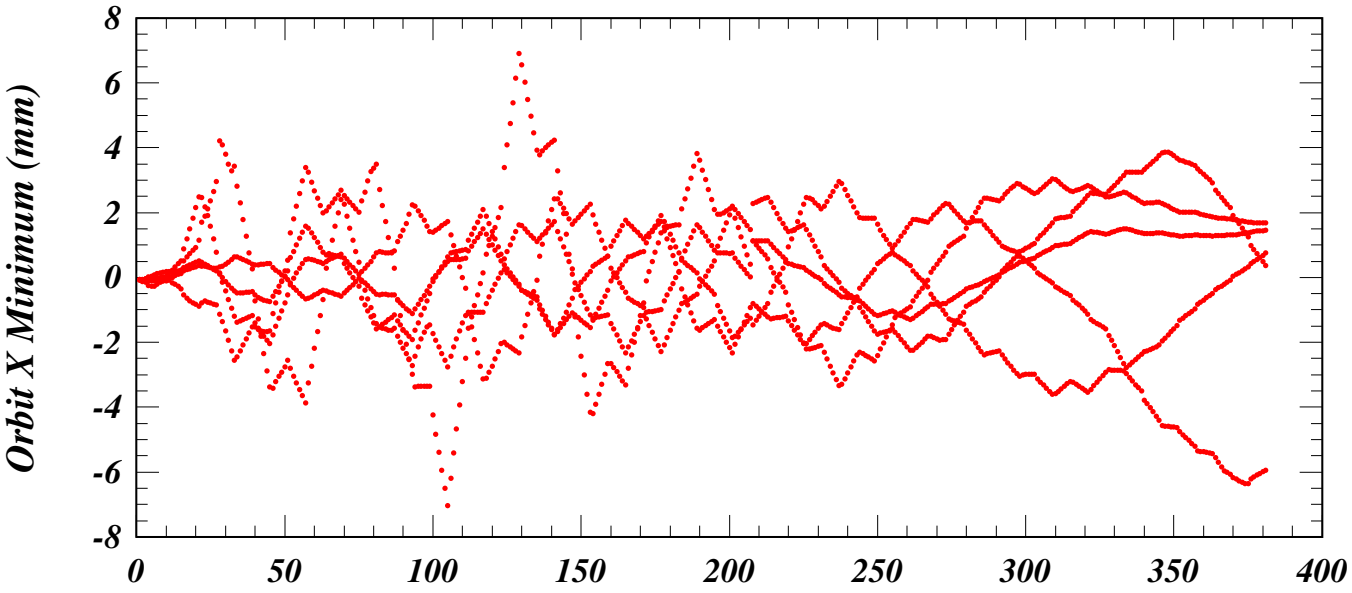
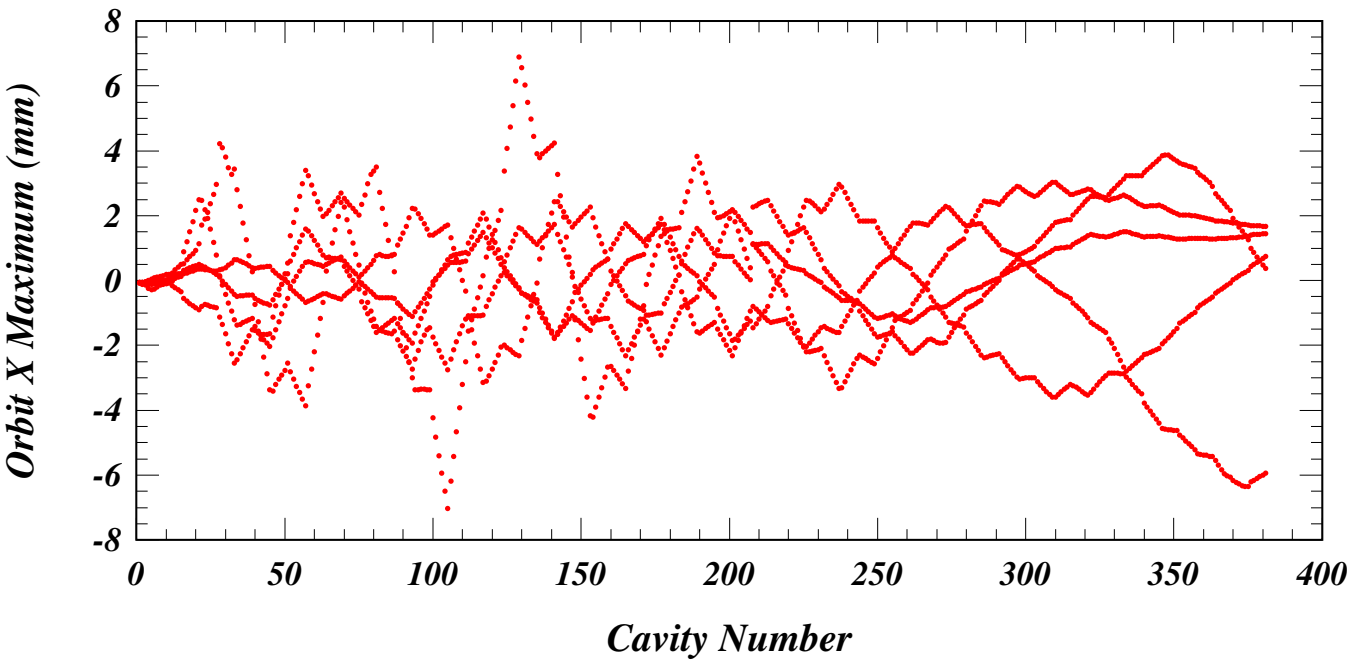

Job 365
x 10 2
Average Max HOM Amplitude (V)
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
3
4
5
6
7
8
9
10
11
12
Turn Number
Turn-to-turn Power Gain Factor
0.9999999
0.9999997
0.9999995
0.9999993
0.9999992
0.999999
0.9999988
3
4
5
6
7
8
9
10
11
12
Turn Number

Job 365

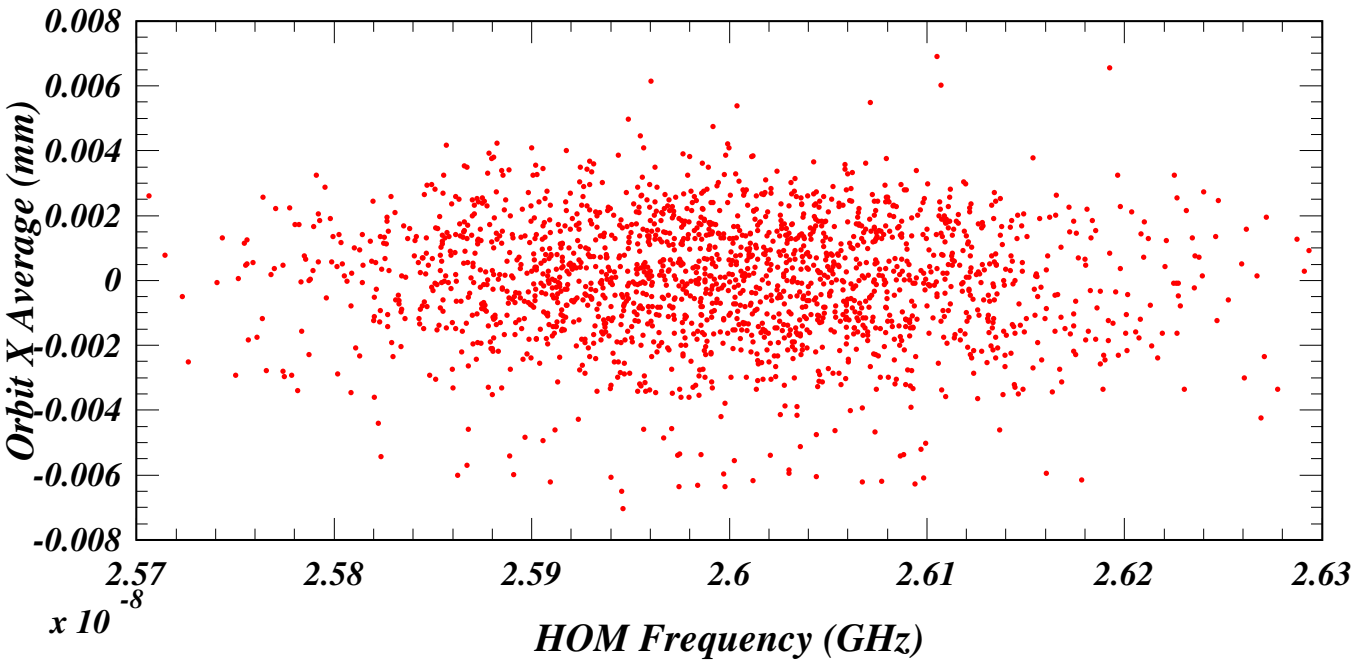

Orbit X Average (mm)
8
6
4
2
0
-2
-4
-6
-8
0
50
100
150
200
250
300
350
400
x 10^-5
Cavity Number
Orbit X RMS (mm)
0.5
0.4
0.3
0.2
0.1
0
0
50
100
150
200
250
300
350
400
Cavity Number

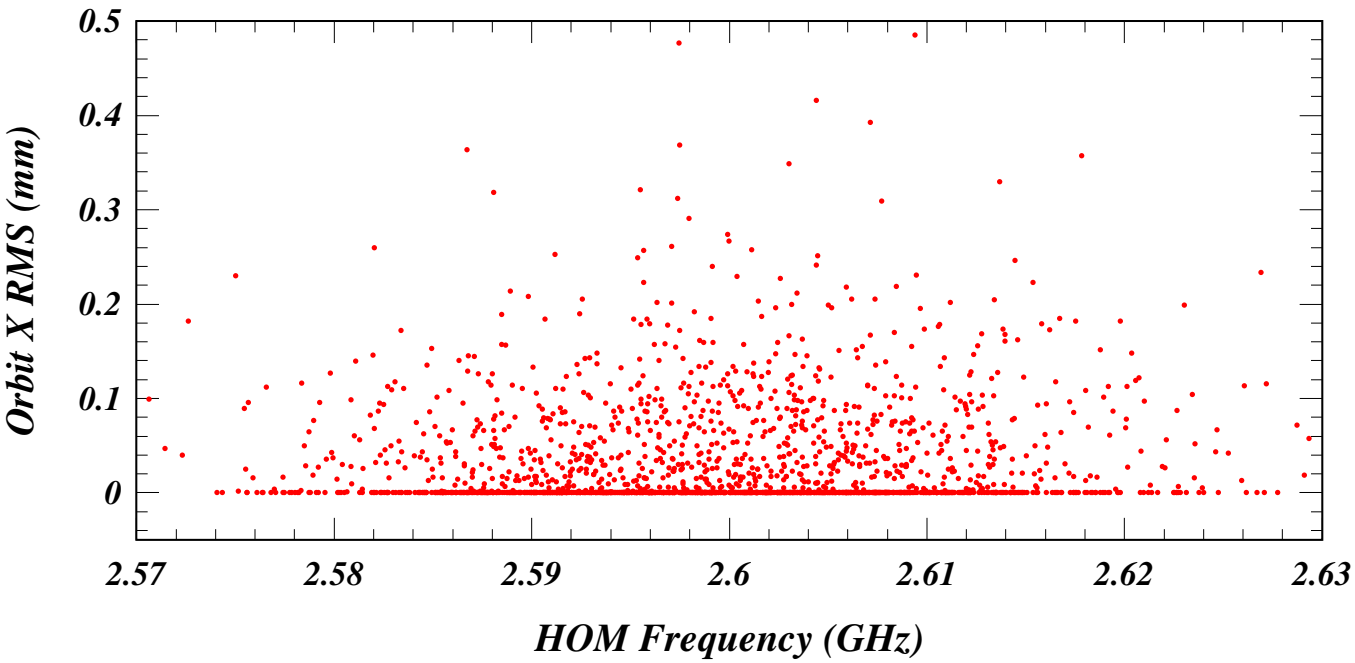
Job 365

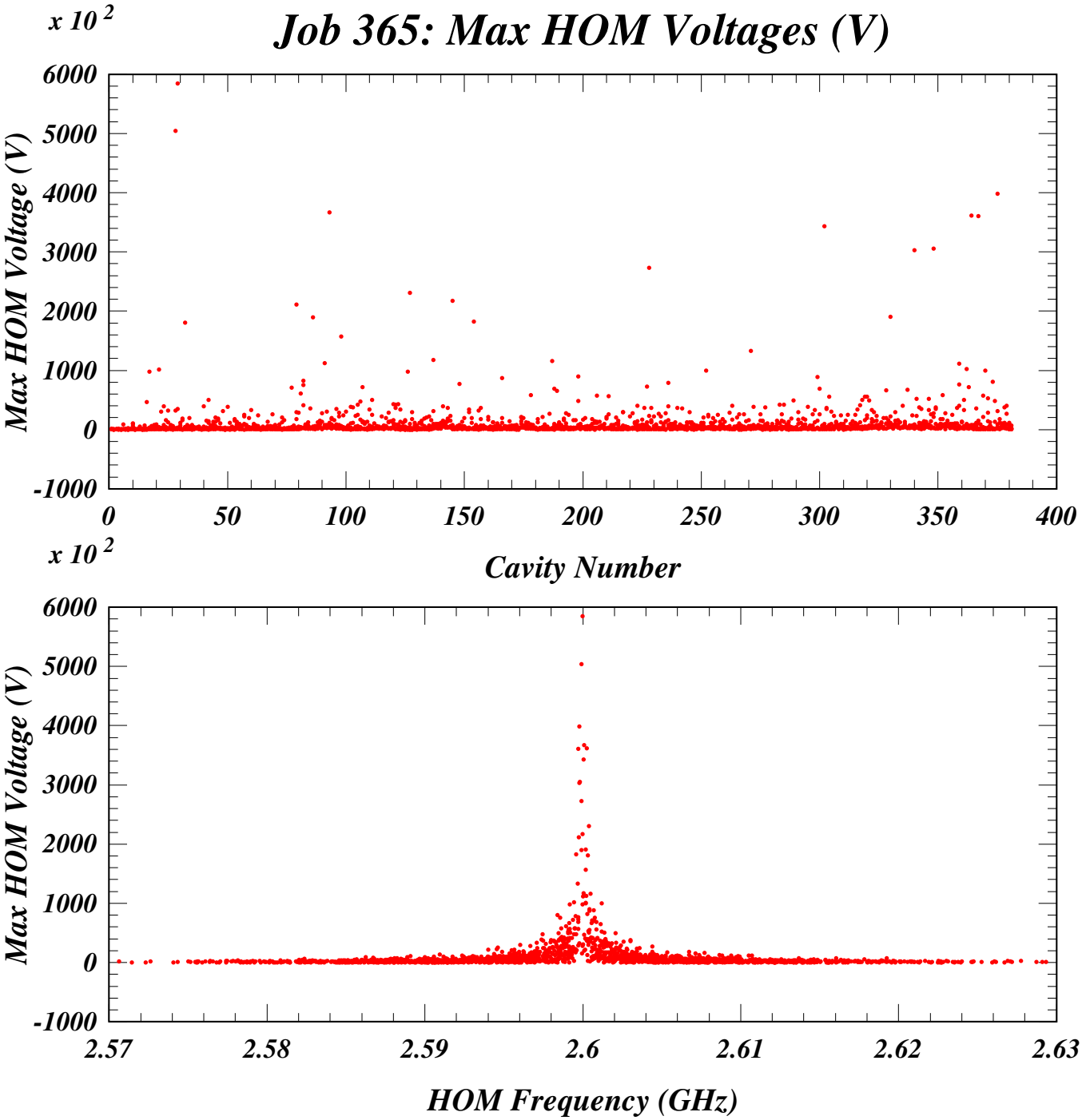

Orbit X Minimum (mm)
8
6
4
2
0
-2
-4
-6
-8
0
50
100
150
200
250
300
350
400
Cavity Number

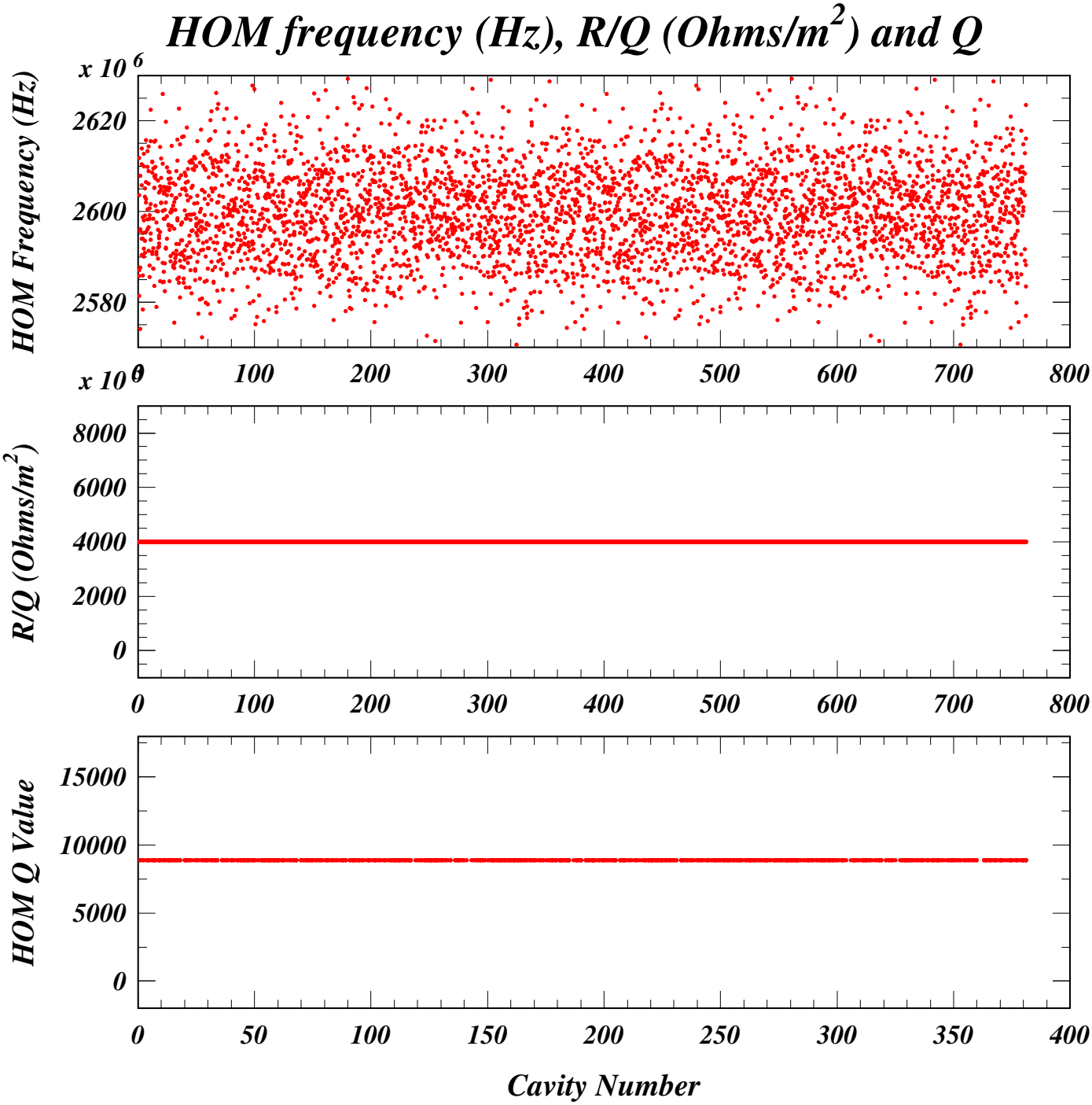
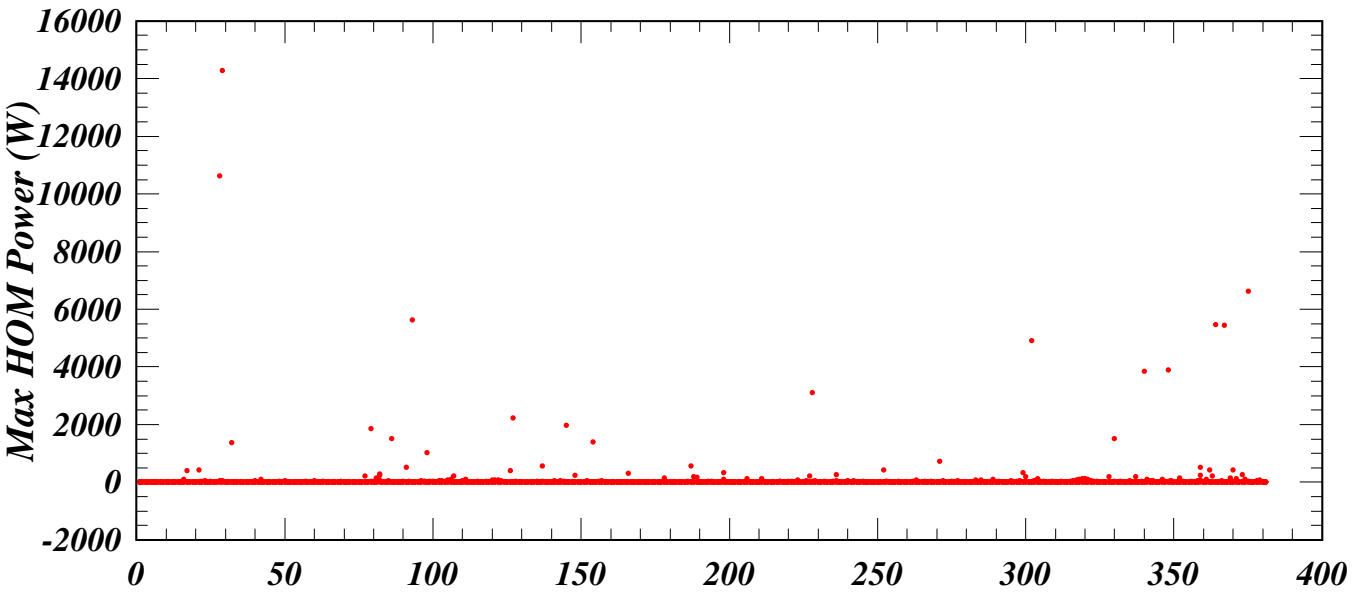
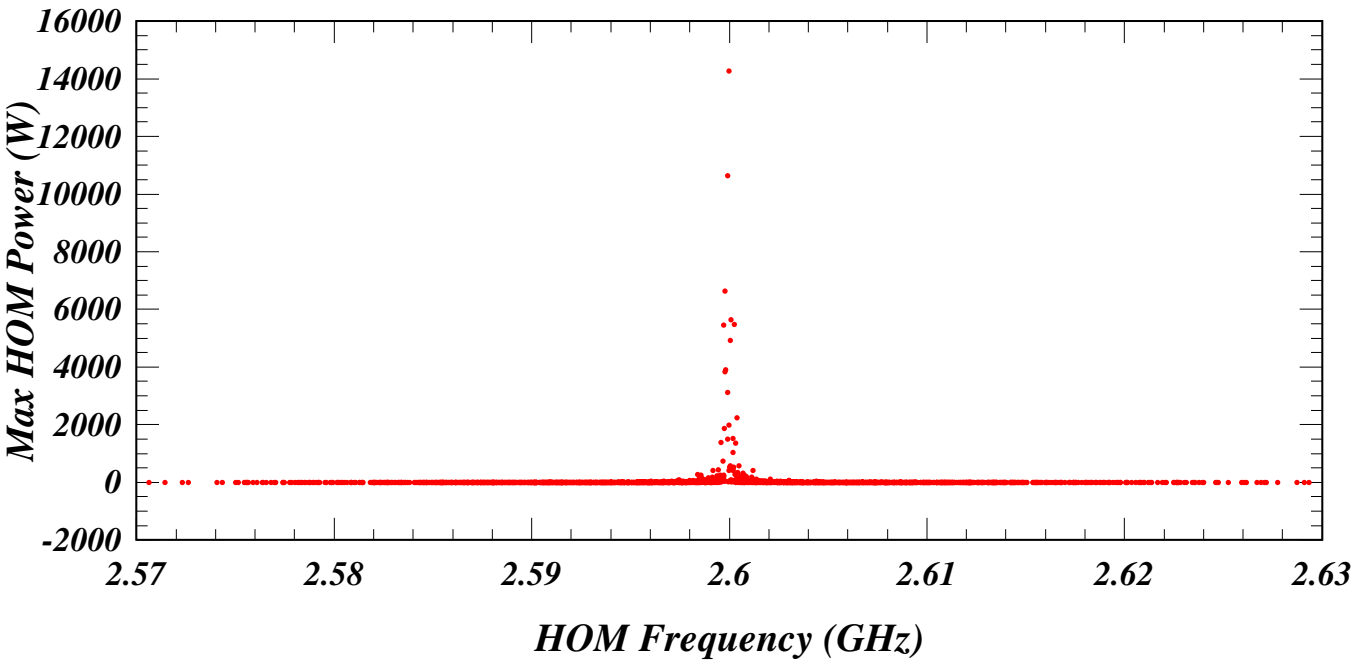

Orbit X Maximum (mm)
8
6
4
2
0
-2
-4
-6
-8
0
50
100
150
200
250
300
350
400
Cavity Number

Job 365


0.008
0.006
0.004
0.002
0
-0.002
-0.004
-0.006
-0.008
Orbit X Average (mm)
2.57
2.58
2.59
2.6
2.61
2.62
2.63
x 10^-8
HOM Frequency (GHz)


0.5
0.4
0.3
0.2
0.1
0
Orbit X RMS (mm)
2.57
2.58
2.59
2.6
2.61
2.62
2.63
HOM Frequency (GHz)


Job 365: Max HOM Voltages (V)
x 10 2
Max HOM Voltage (V)
6000
5000
4000
3000
2000
1000
0
-1000
0
50
100
150
200
250
300
350
400
Cavity Number
x 10 2
Max HOM Voltage (V)
6000
5000
4000
3000
2000
1000
0
-1000
2.57
2.58
2.59
2.6
2.61
2.62
2.63
HOM Frequency (GHz)


HOM frequency (Hz), R/Q (Ohms/m^2) and Q
x 10 6
HOM Frequency (Hz)
2620
2600
2580
0
100
200
300
400
500
600
700
800
x 10 0
R/Q (Ohms/m^2)
8000
6000
4000
2000
0
HOM Q Value
15000
10000
5000
0
50
150
250
350
400
Cavity Number

Job 365: Max HOM Power (W)