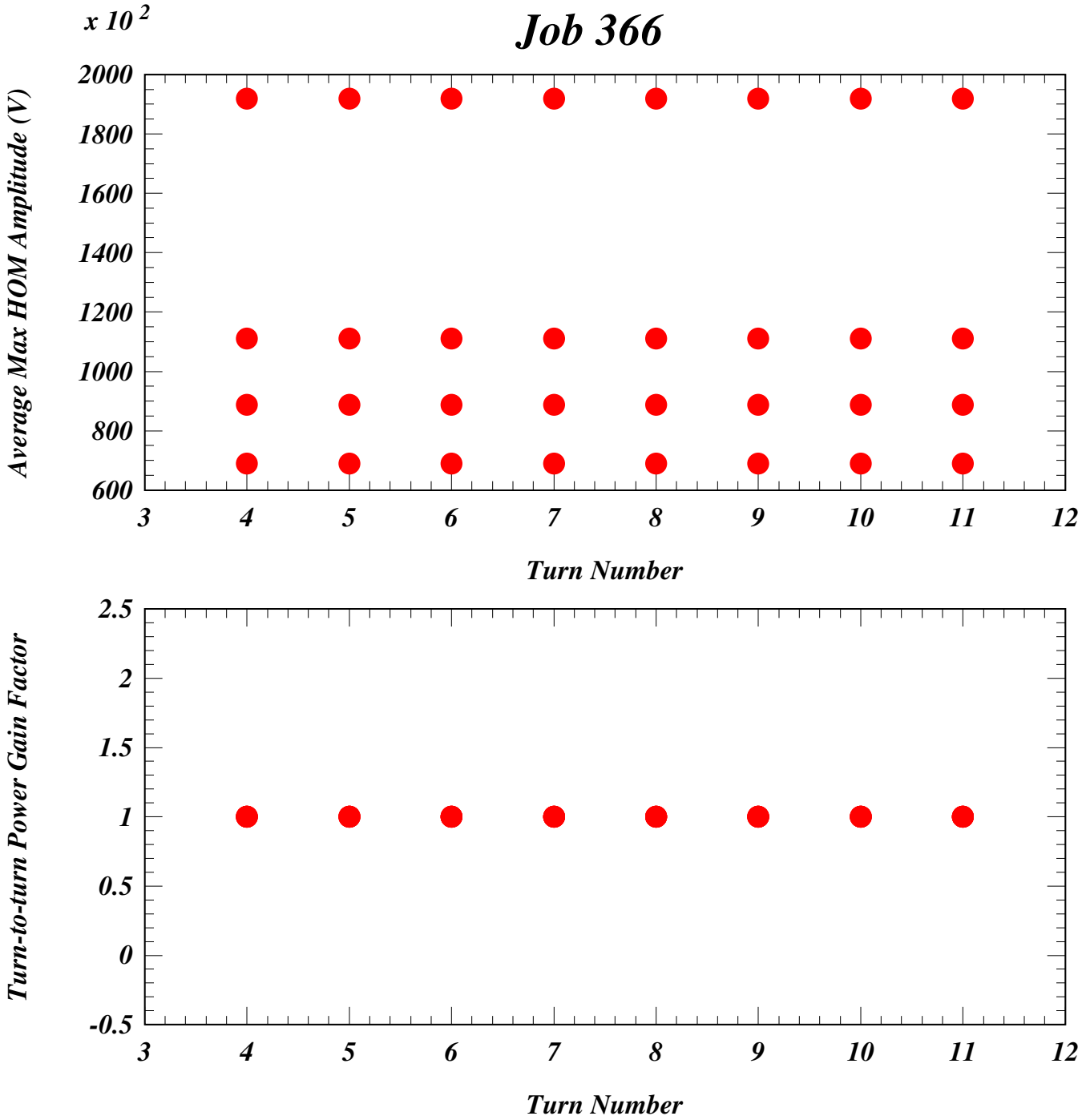
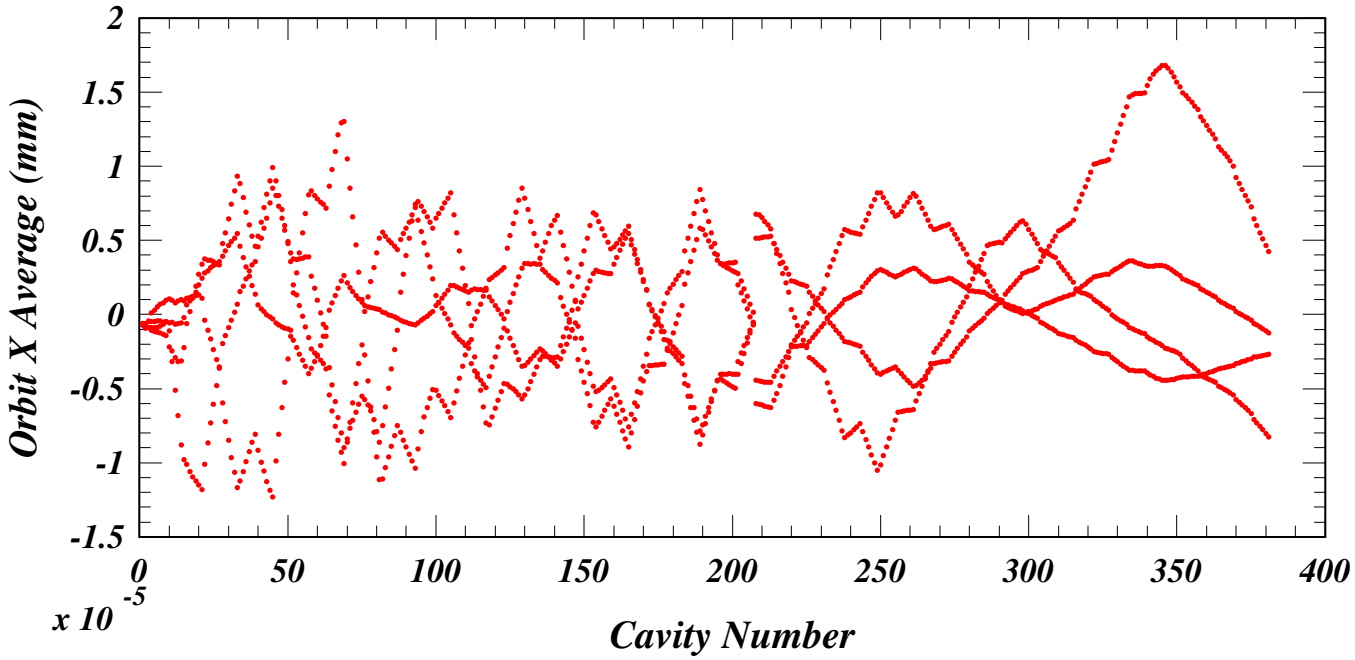
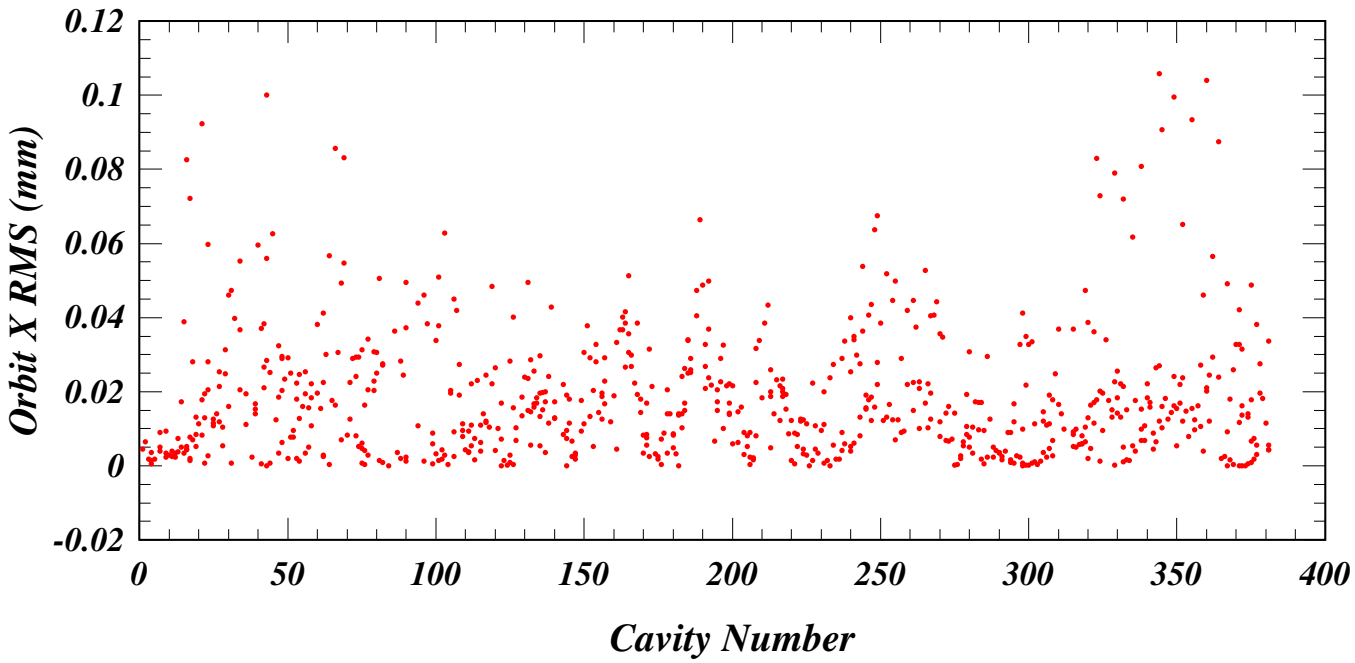
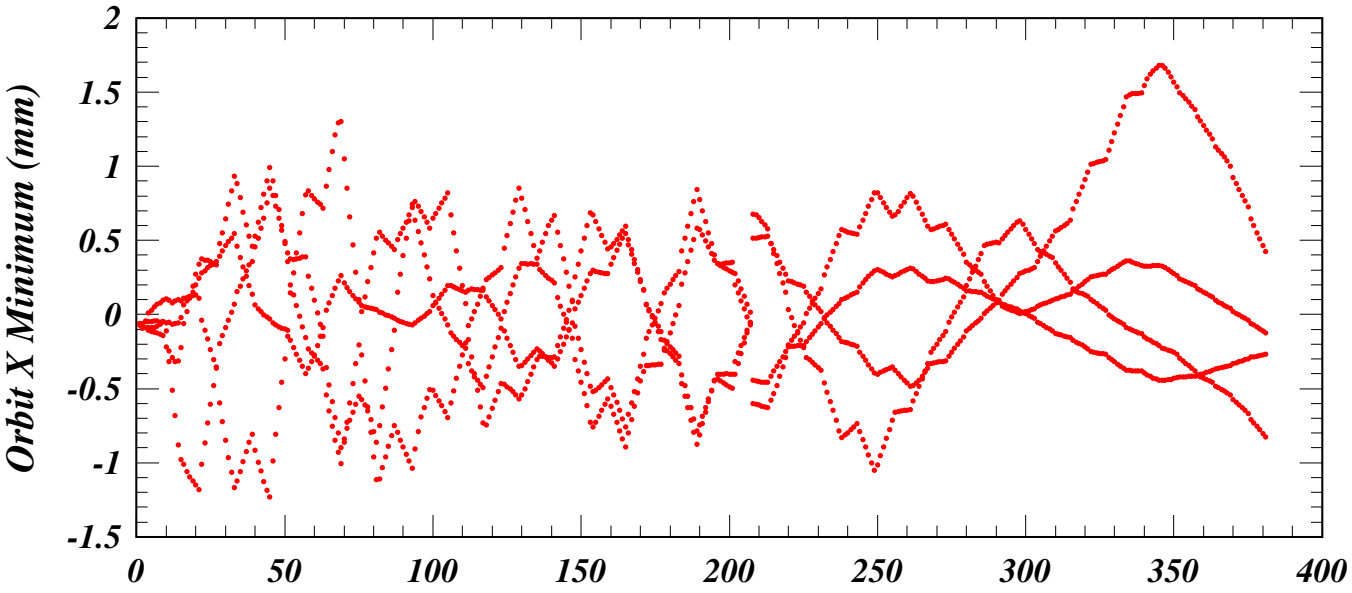

Job 366
x 10 2
Average Max HOM Amplitude (V)
2000
1800
1600
1400
1200
1000
800
600
3
4
5
6
7
8
9
10
11
12
Turn Number
Turn-to-turn Power Gain Factor
2.5
2
1.5
1
0.5
0
-0.5
3
4
5
6
7
8
9
10
11
12
Turn Number

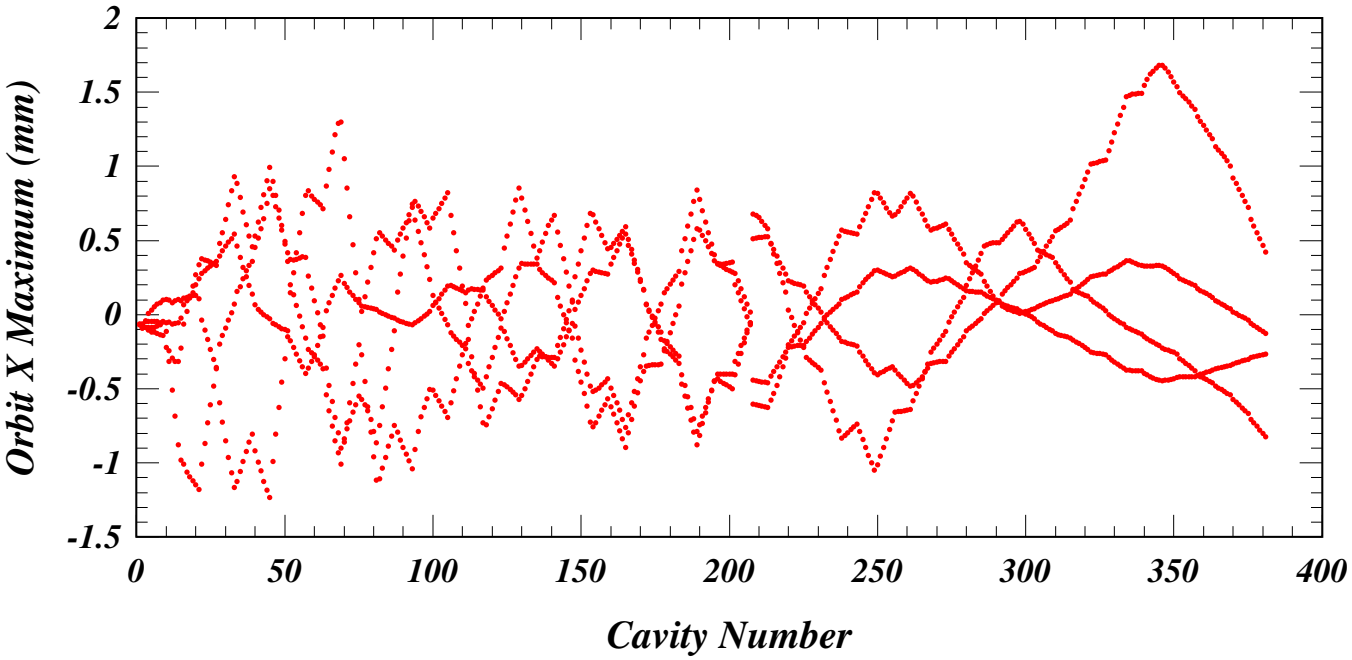
Job 366

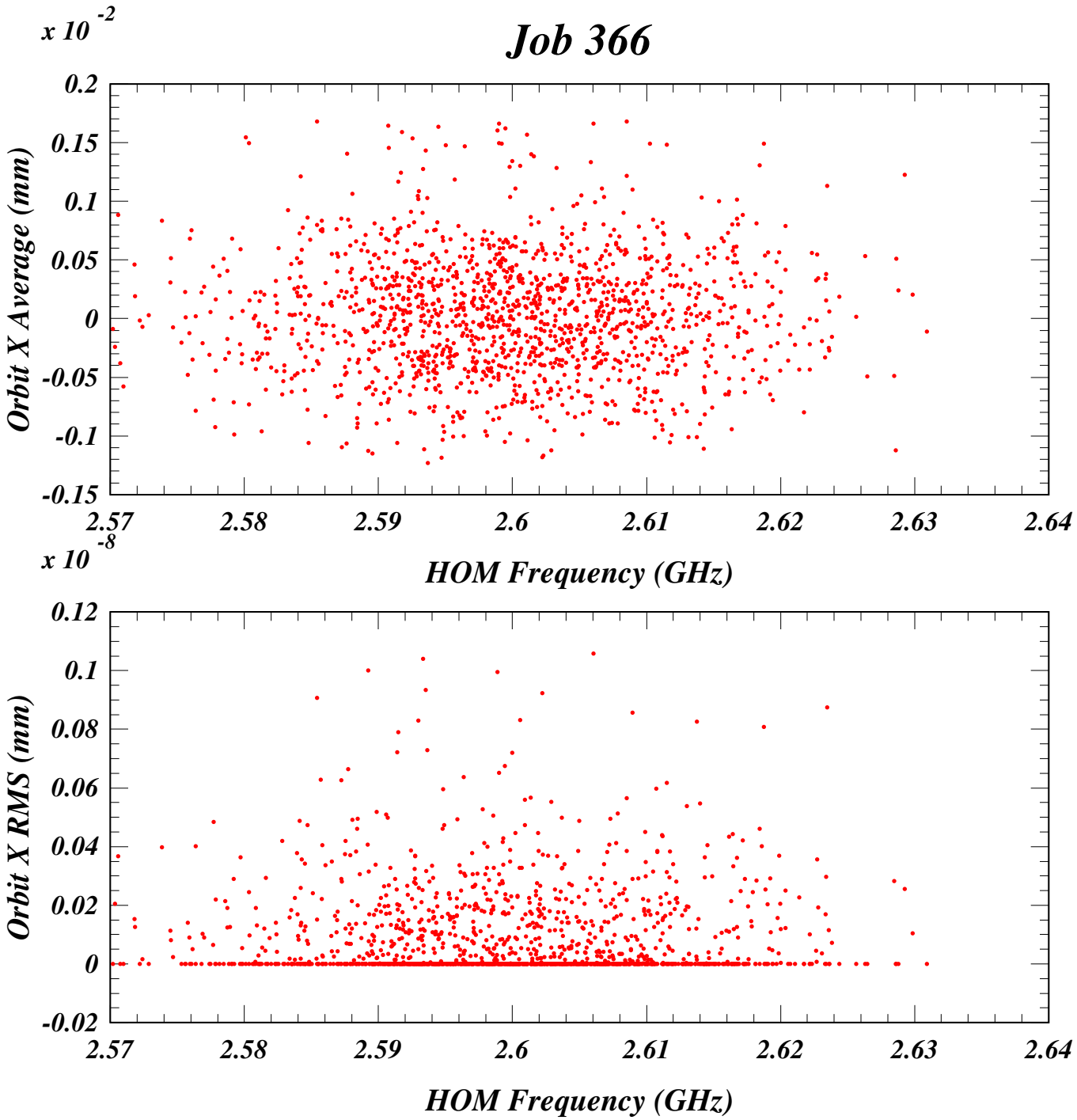

Orbit X Average (mm)
2
1.5
1
0.5
0
-0.5
-1
-1.5
0
50
100
150
200
250
300
350
400
x 10^-5
Cavity Number

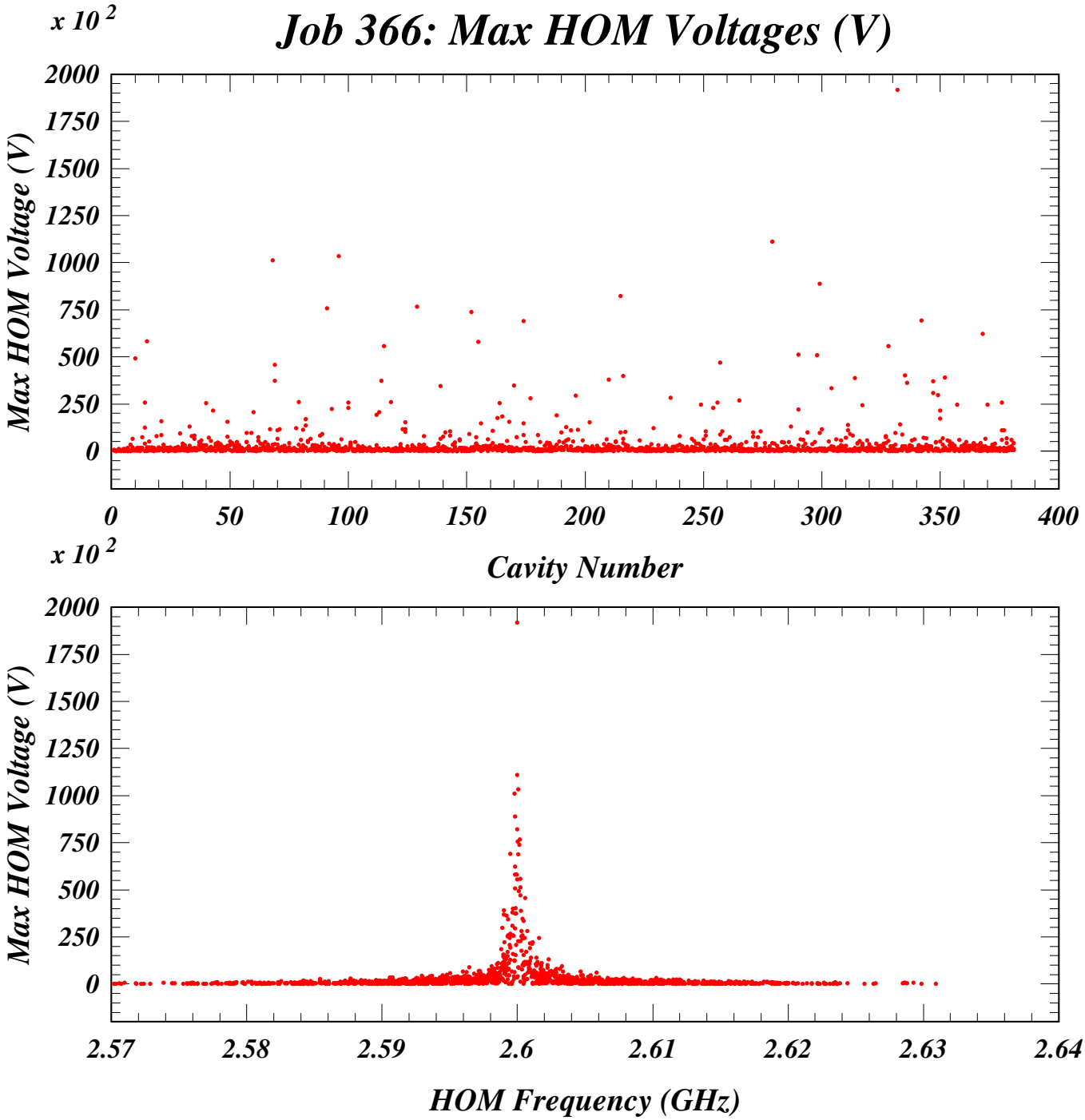

Orbit X RMS (mm)
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
50
100
150
200
250
300
350
400
Cavity Number

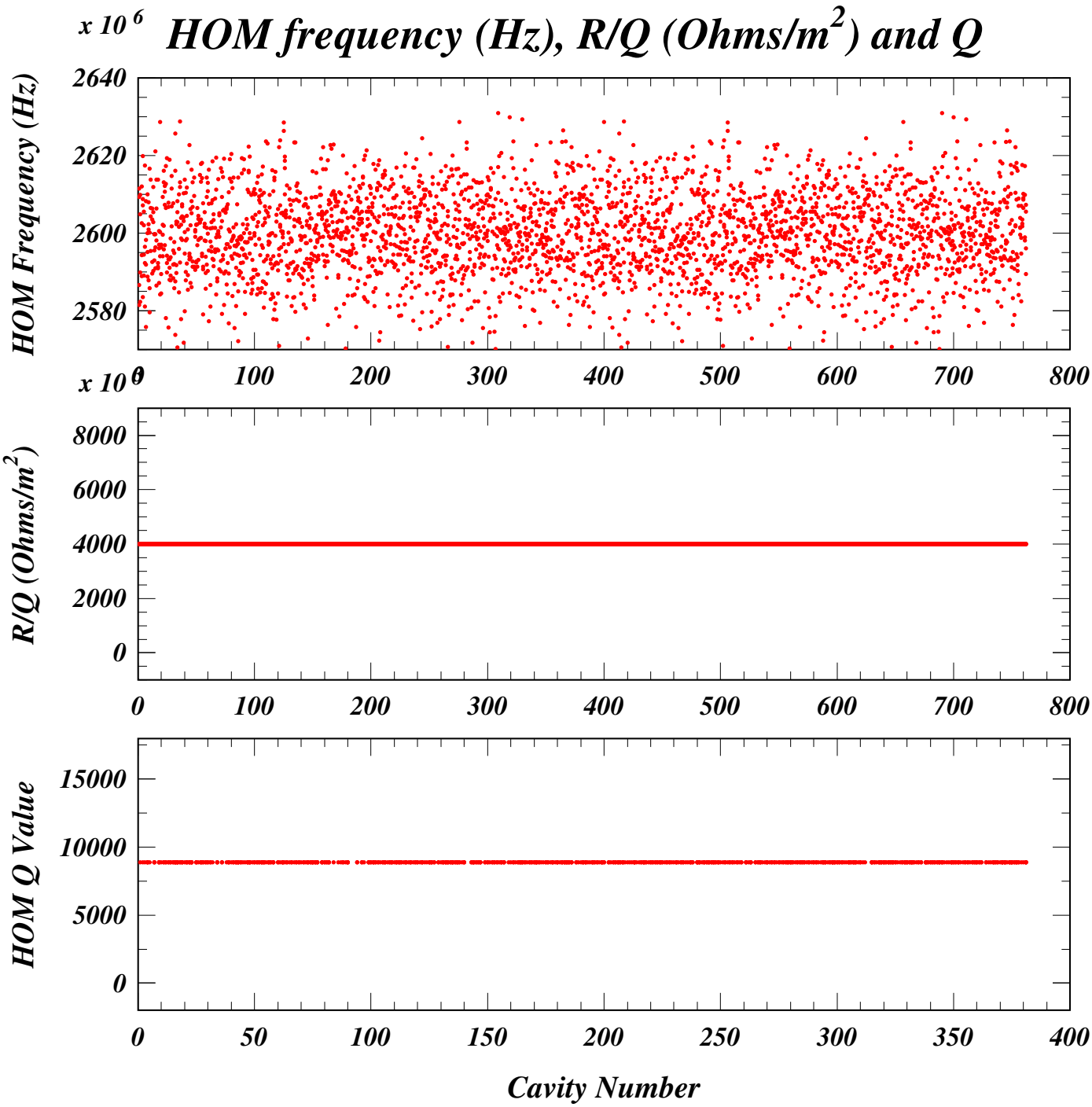
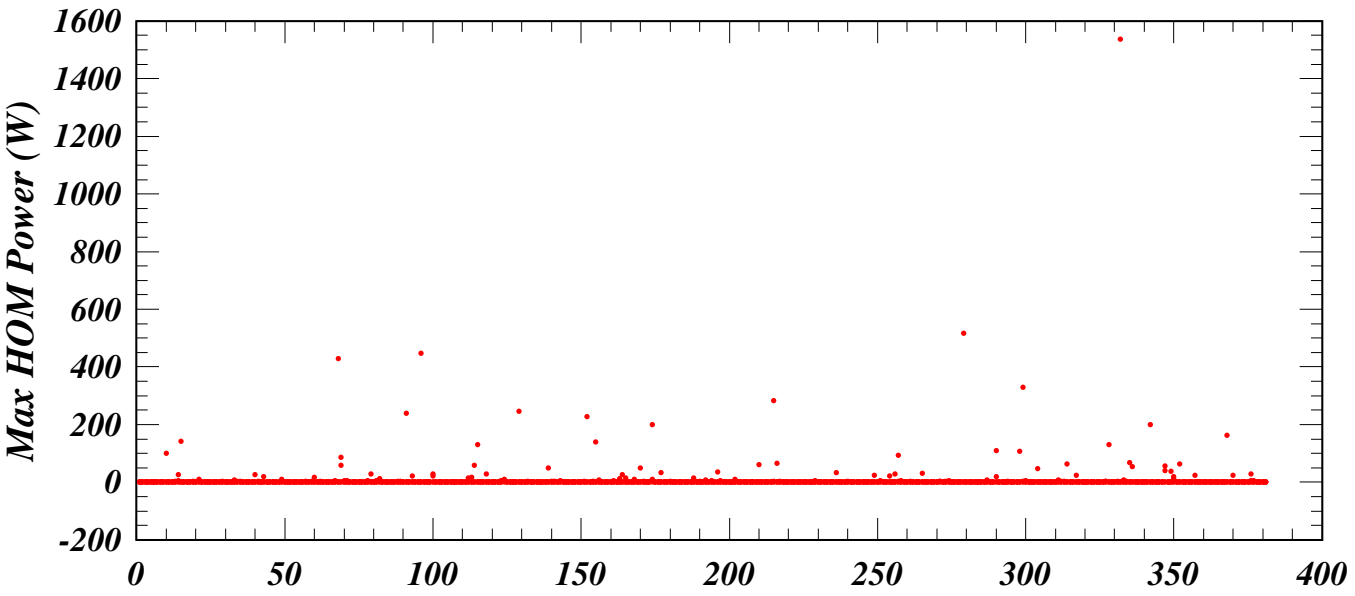
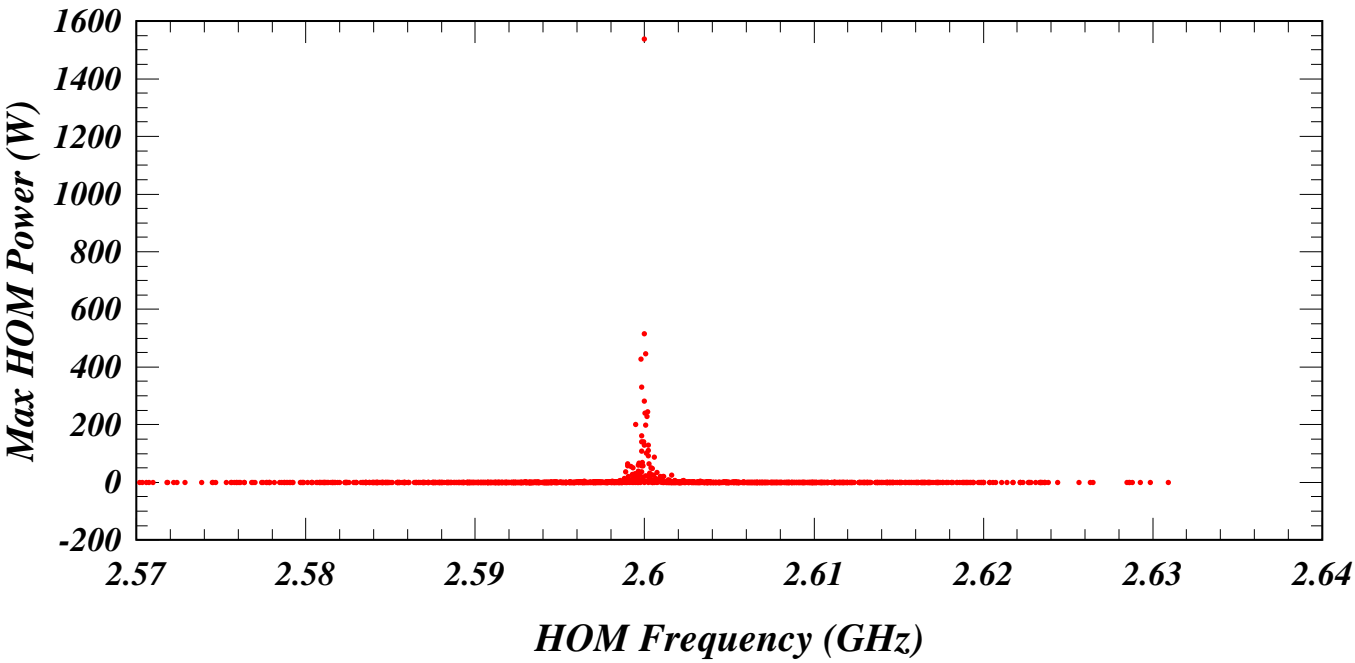
Job 366


Orbit X Minimum (mm)
2
1.5
1
0.5
0
-0.5
-1
-1.5
0
50
100
150
200
250
300
350
400
Cavity Number


Orbit X Maximum (mm)
2
1.5
1
0.5
0
-0.5
-1
-1.5
0
50
100
150
200
250
300
350
400
Cavity Number


Job 366
x 10 -2
0.2
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
Orbit X Average (mm)
2.57
2.58
2.59
2.6
2.61
2.62
2.63
2.64
HOM Frequency (GHz)
x 10 -8
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
Orbit X RMS (mm)
2.57
2.58
2.59
2.6
2.61
2.62
2.63
2.64
HOM Frequency (GHz)


Job 366: Max HOM Voltages (V)
x 10 2
Max HOM Voltage (V)
2000
1750
1500
1250
1000
750
500
250
0
0
50
100
150
200
250
300
350
400
Cavity Number
x 10 2
Max HOM Voltage (V)
2000
1750
1500
1250
1000
750
500
250
0
2.57
2.58
2.59
2.6
2.61
2.62
2.63
2.64
HOM Frequency (GHz)


x 10 6
HOM frequency (Hz), R/Q (Ohms/m2) and Q
HOM Frequency (Hz)
2640
2620
2600
2580
0
100
200
300
400
500
600
700
800
x 10 0
R/Q (Ohms/m2)
8000
6000
4000
2000
0
HOM Q Value
15000
10000
5000
0
50
150
250
350
Cavity Number

Job 366: Max HOM Power (W)