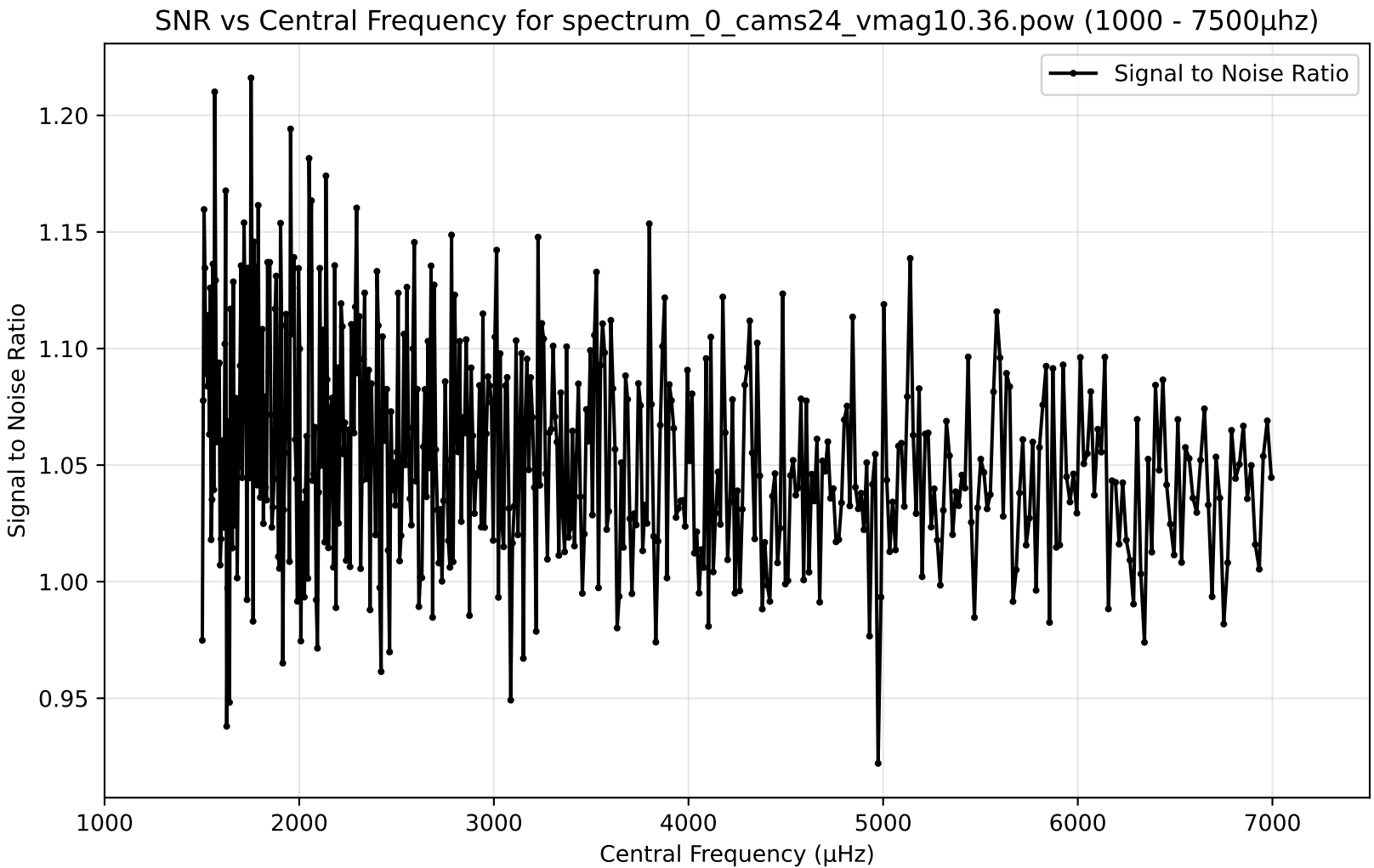
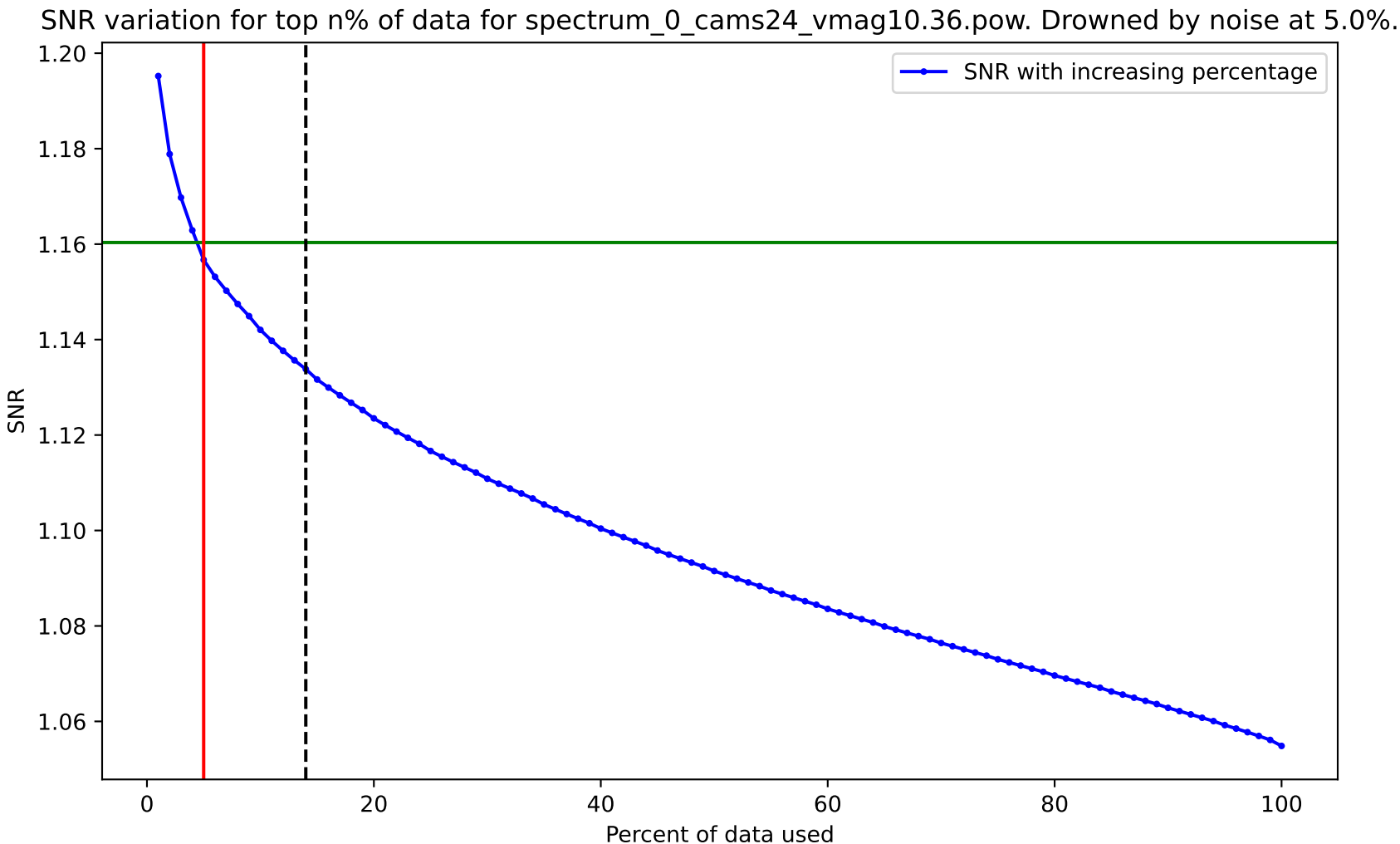
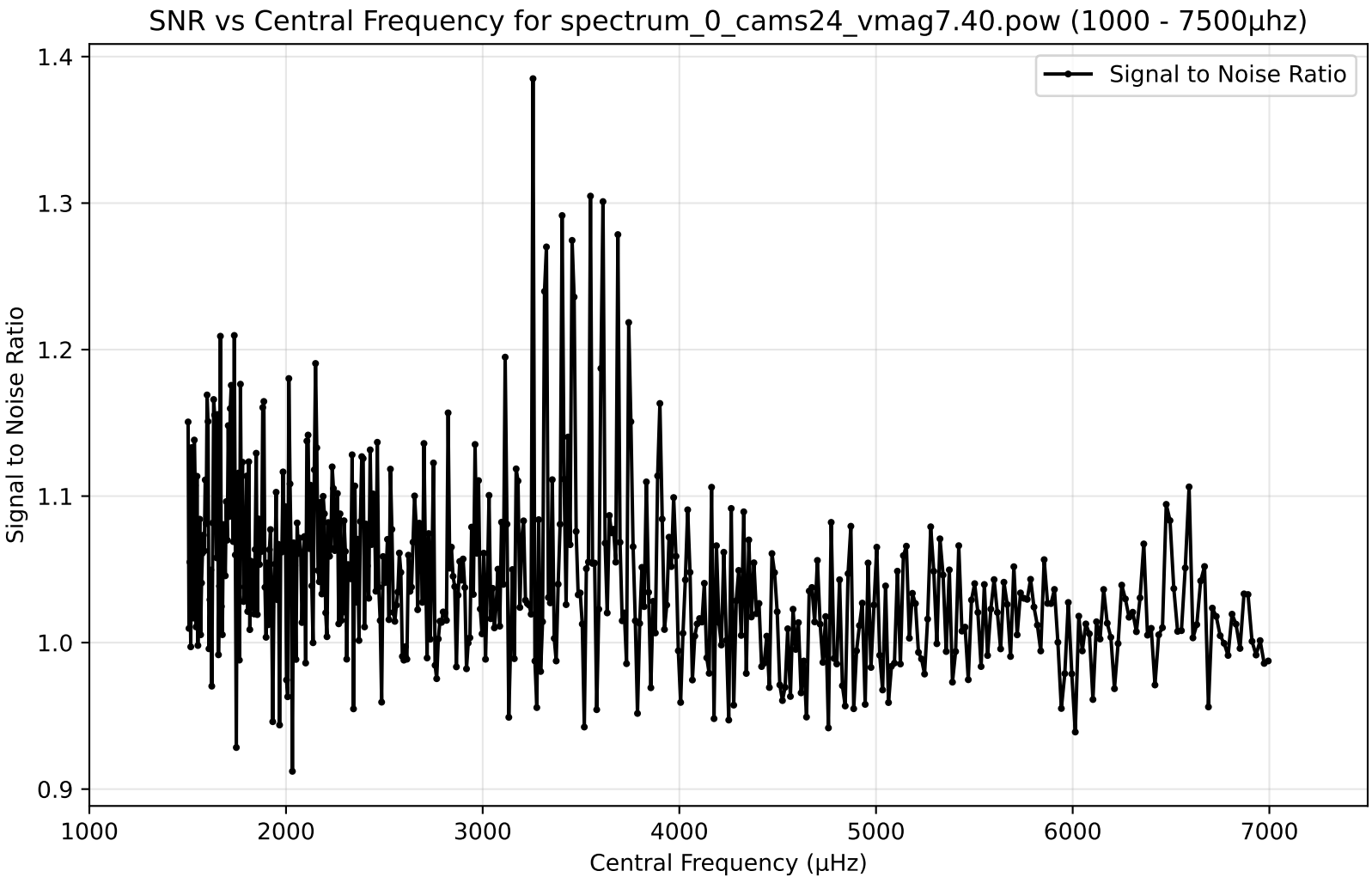
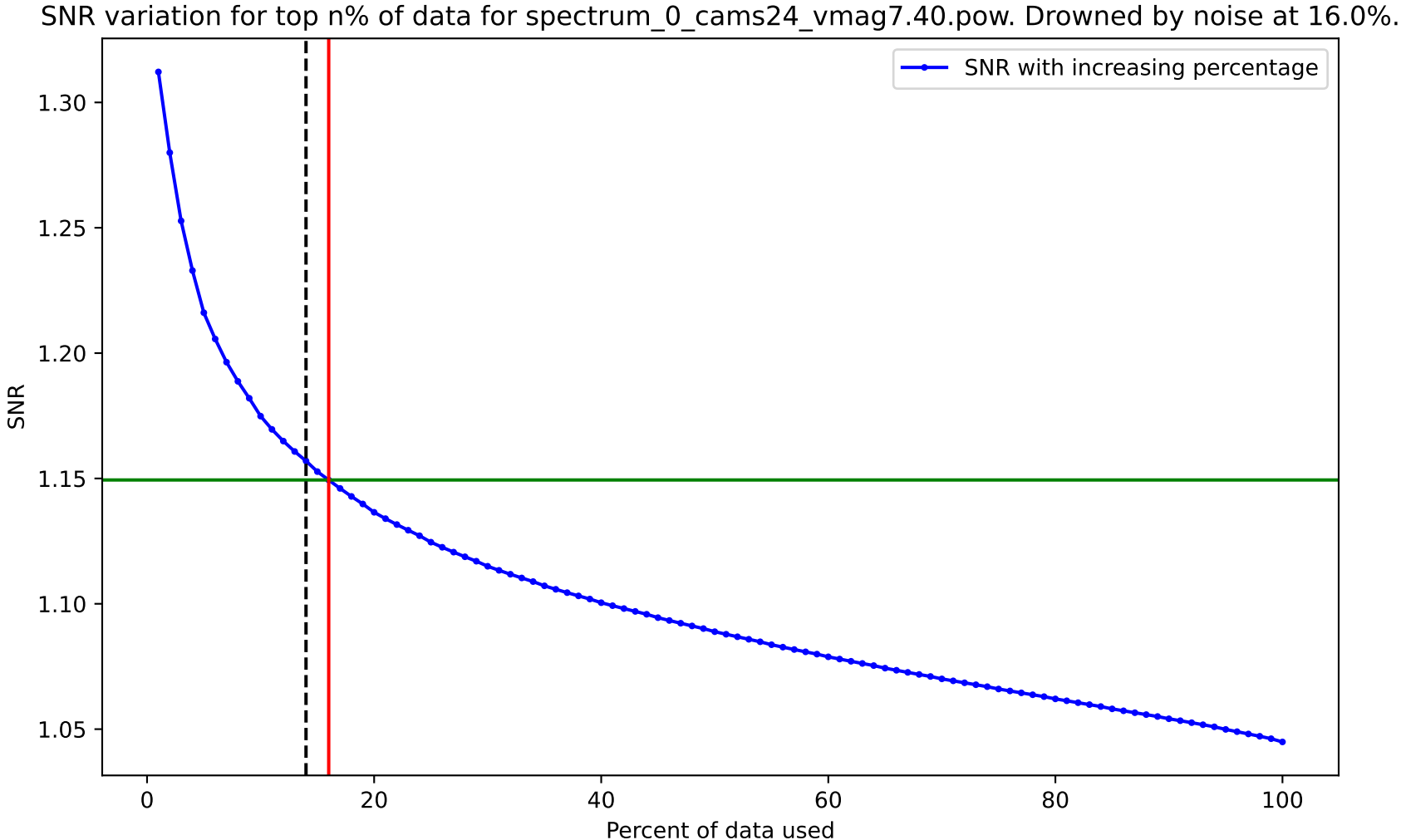
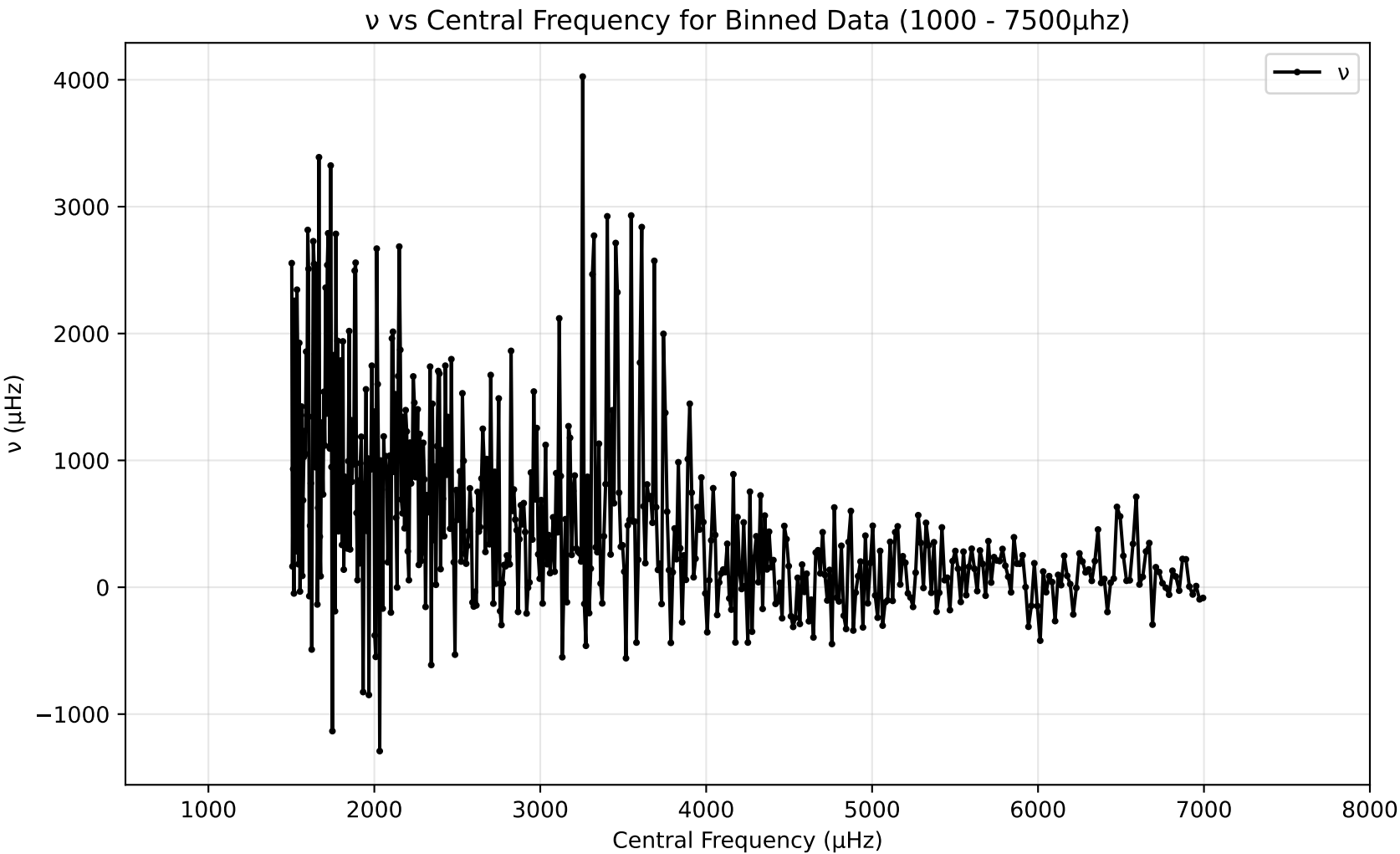
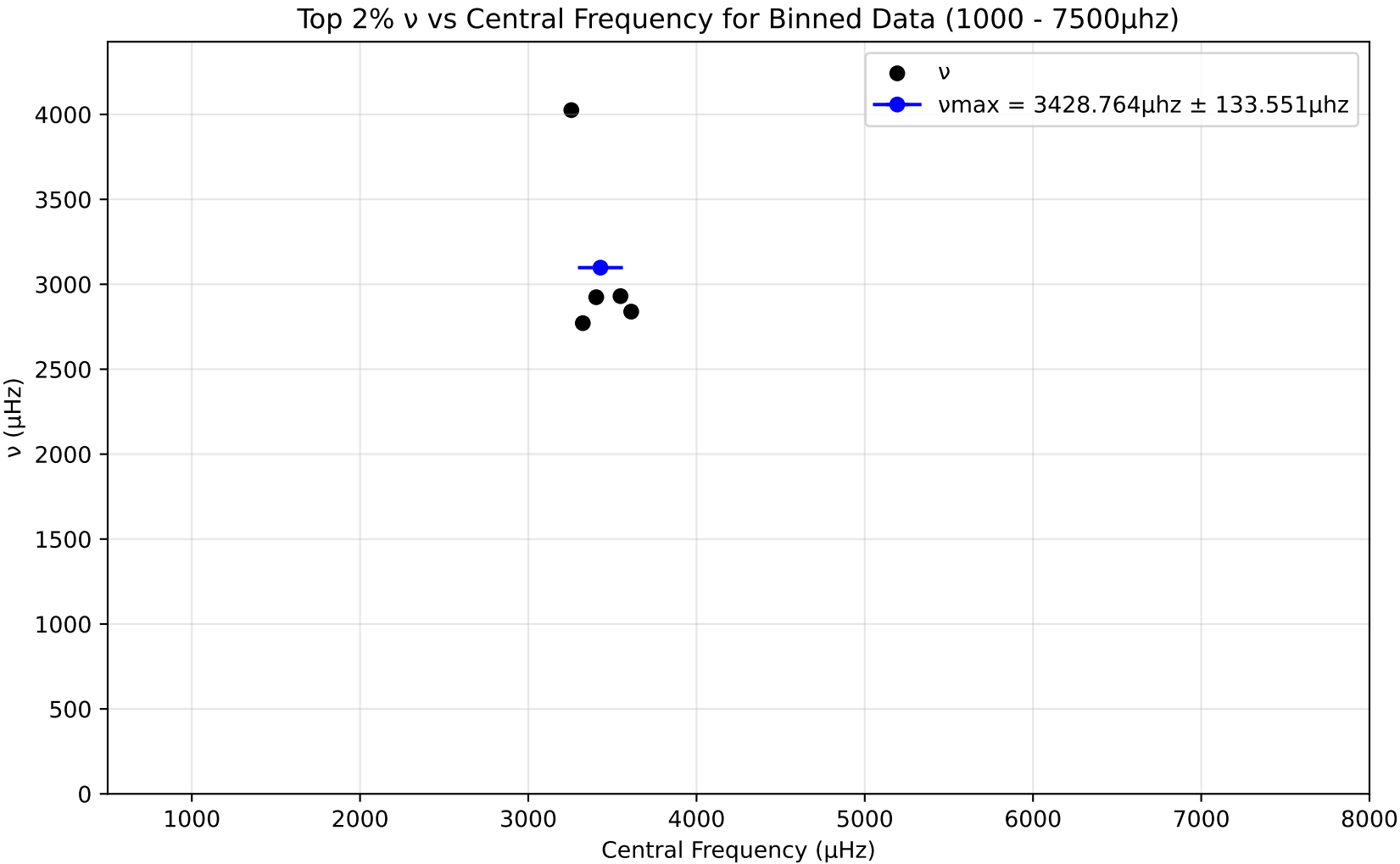

SNR vs Central Frequency for spectrum_0_cams24_vmag10.36.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

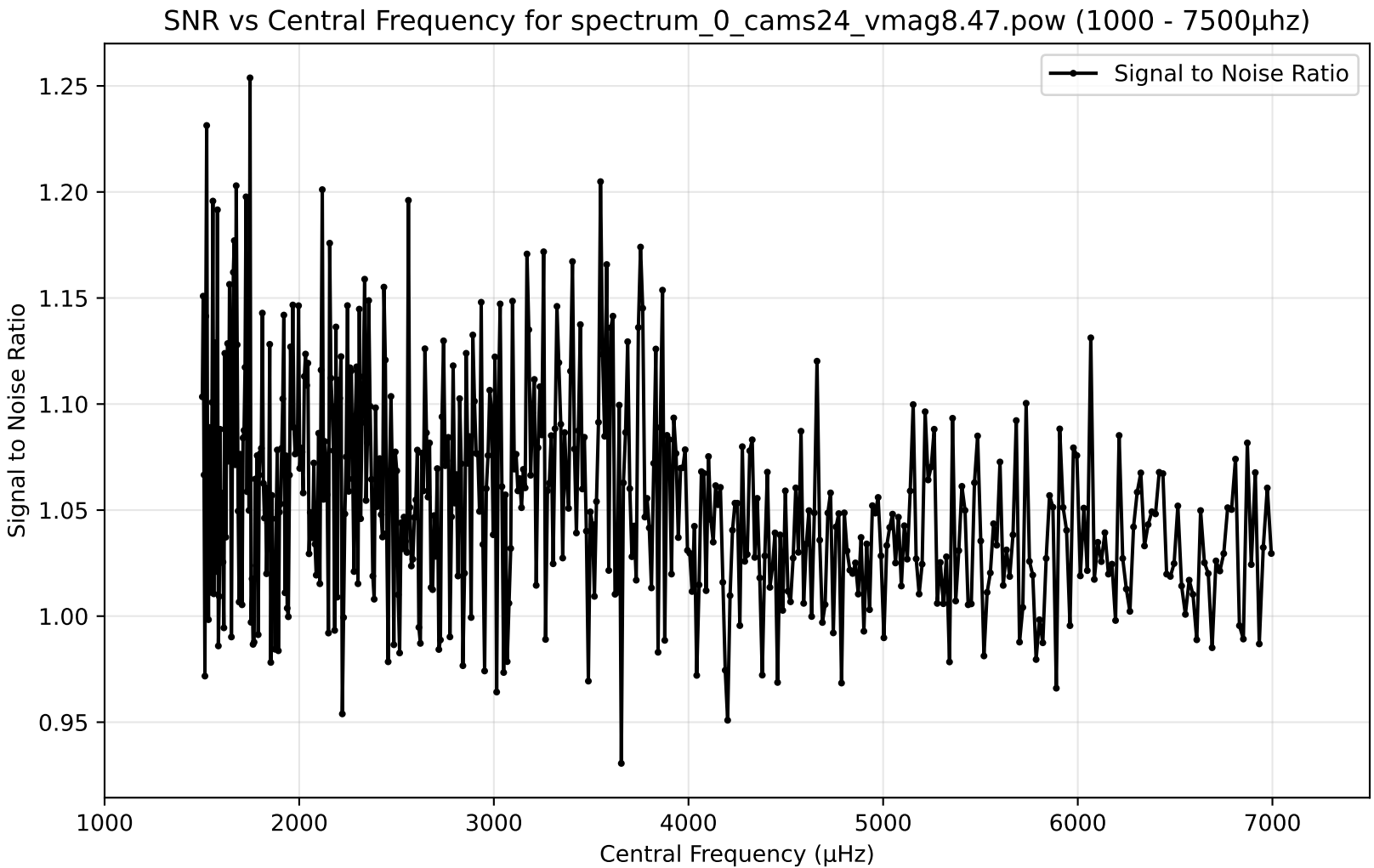

SNR variation for top n% of data for spectrum_0_cams24_vmag10.36.pow. Drowned by noise at 5.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

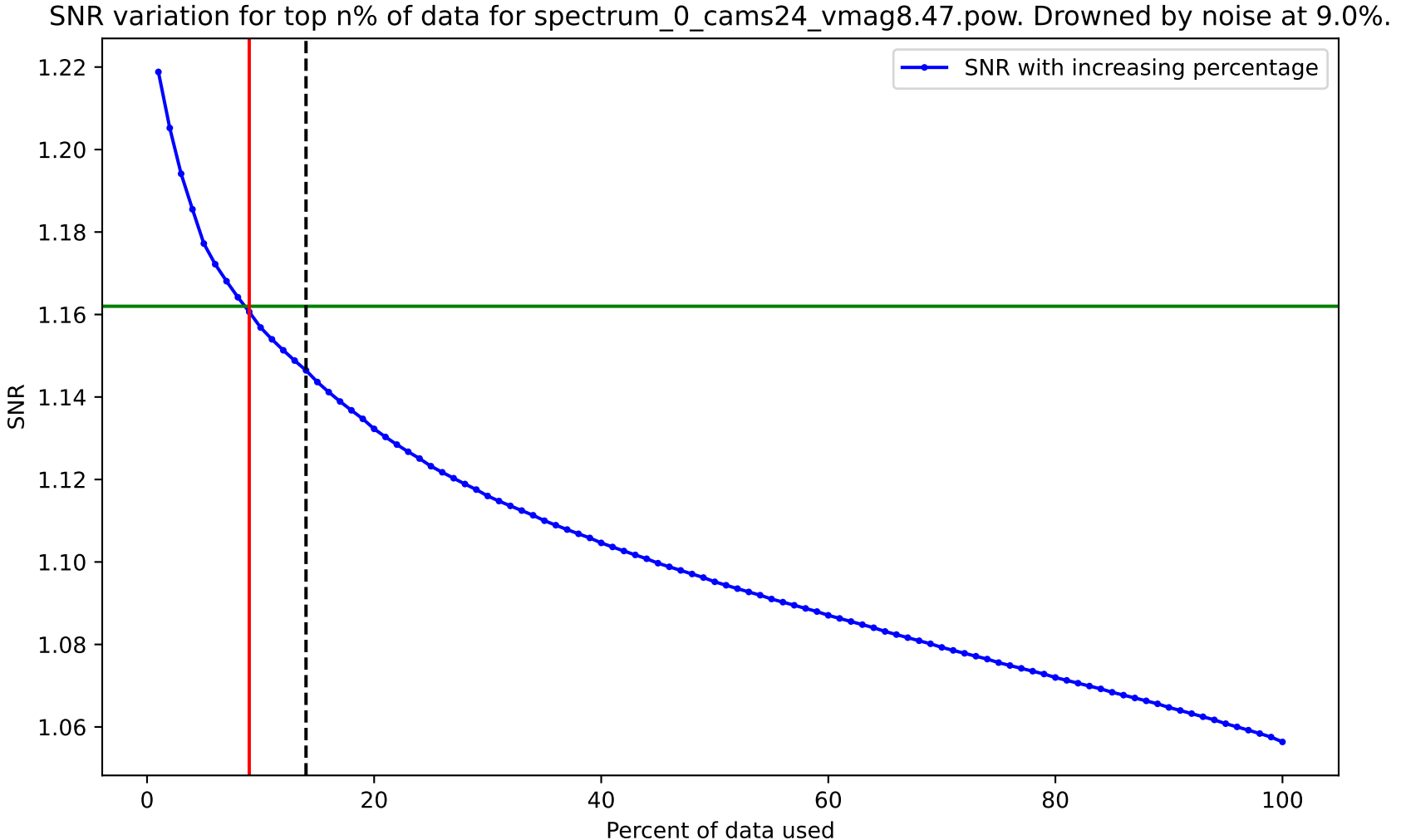

SNR vs Central Frequency for spectrum_0_cams24_vmag7.40.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

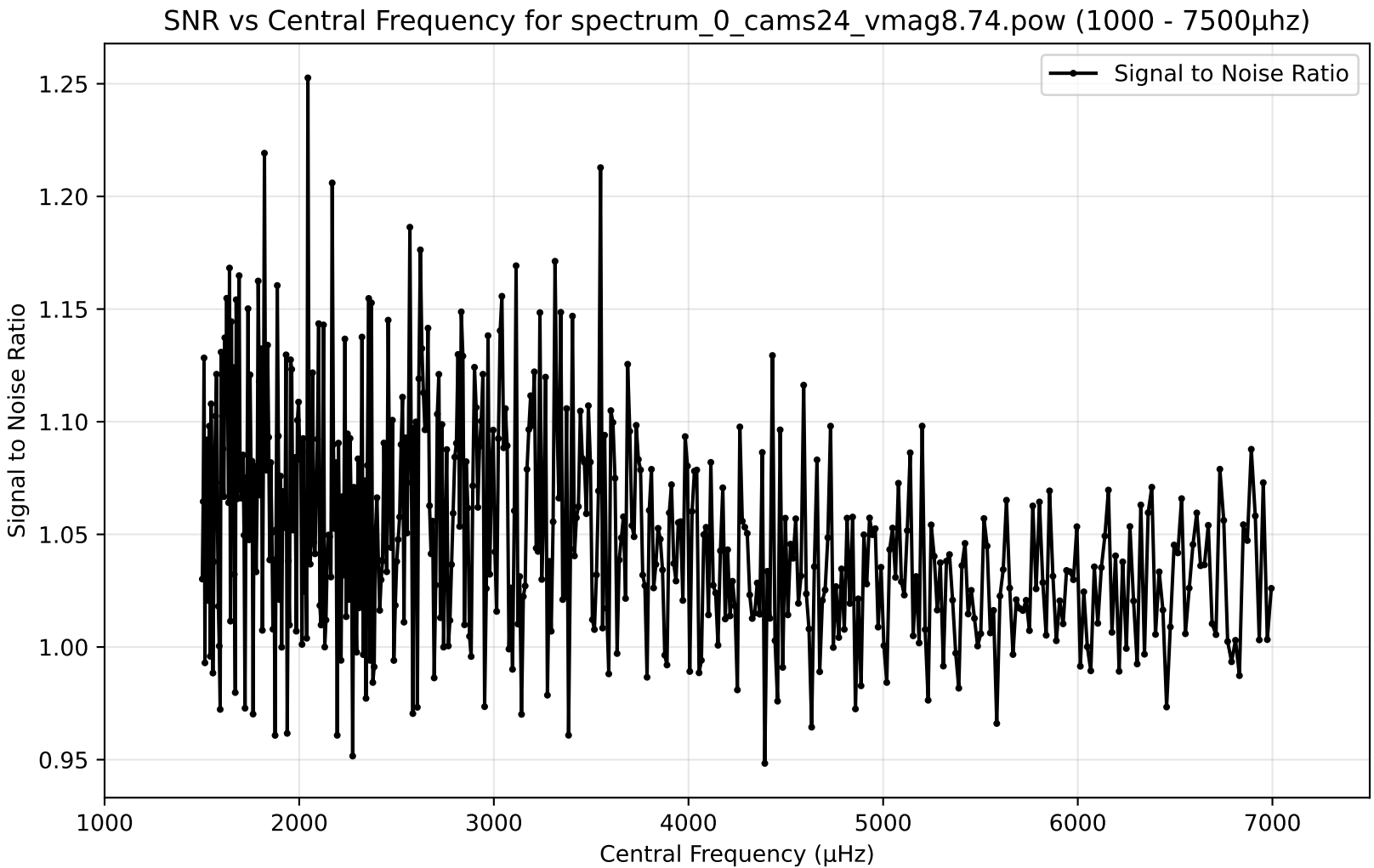

SNR variation for top n% of data for spectrum_0_cams24_vmag7.40.pow. Drowned by noise at 16.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

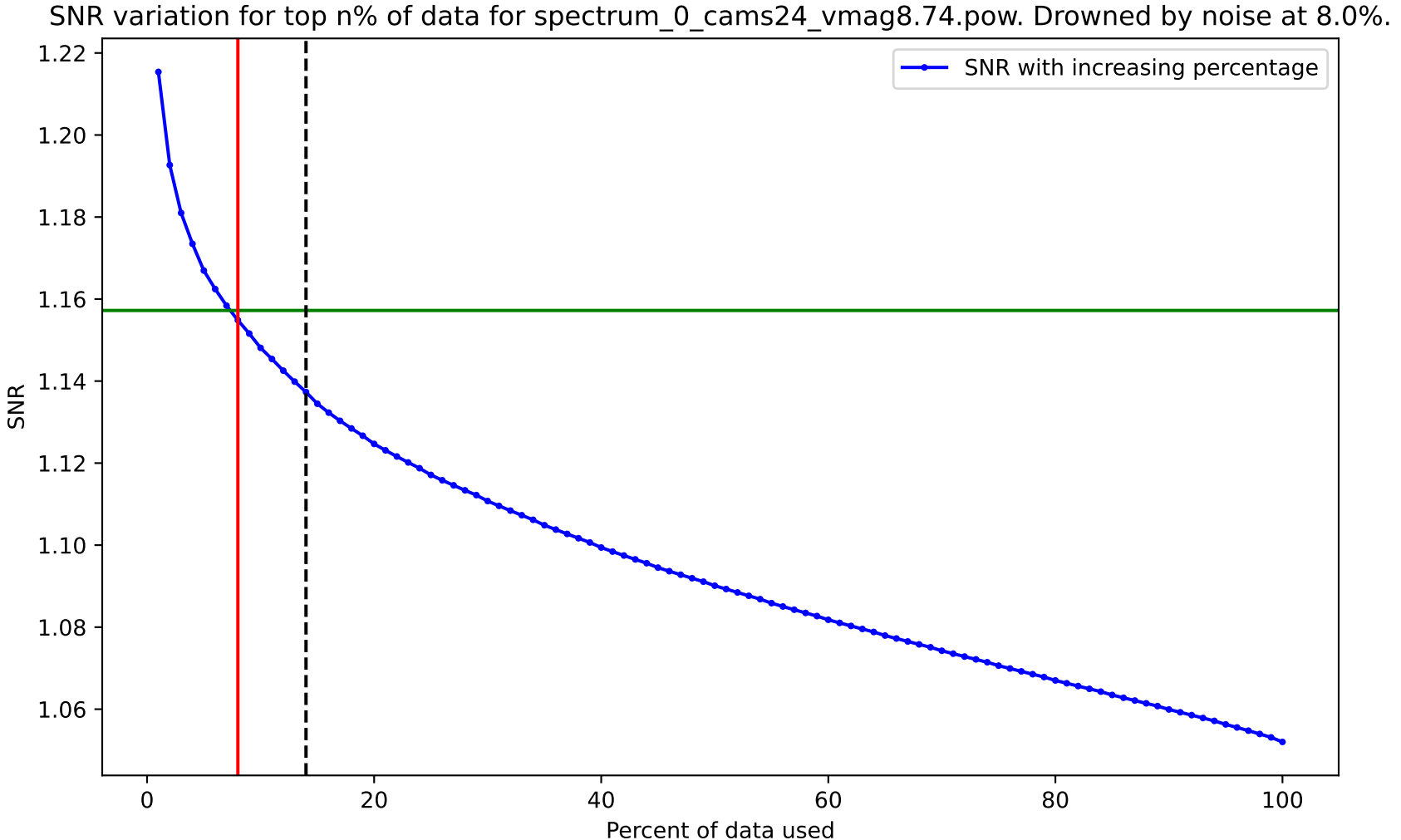

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

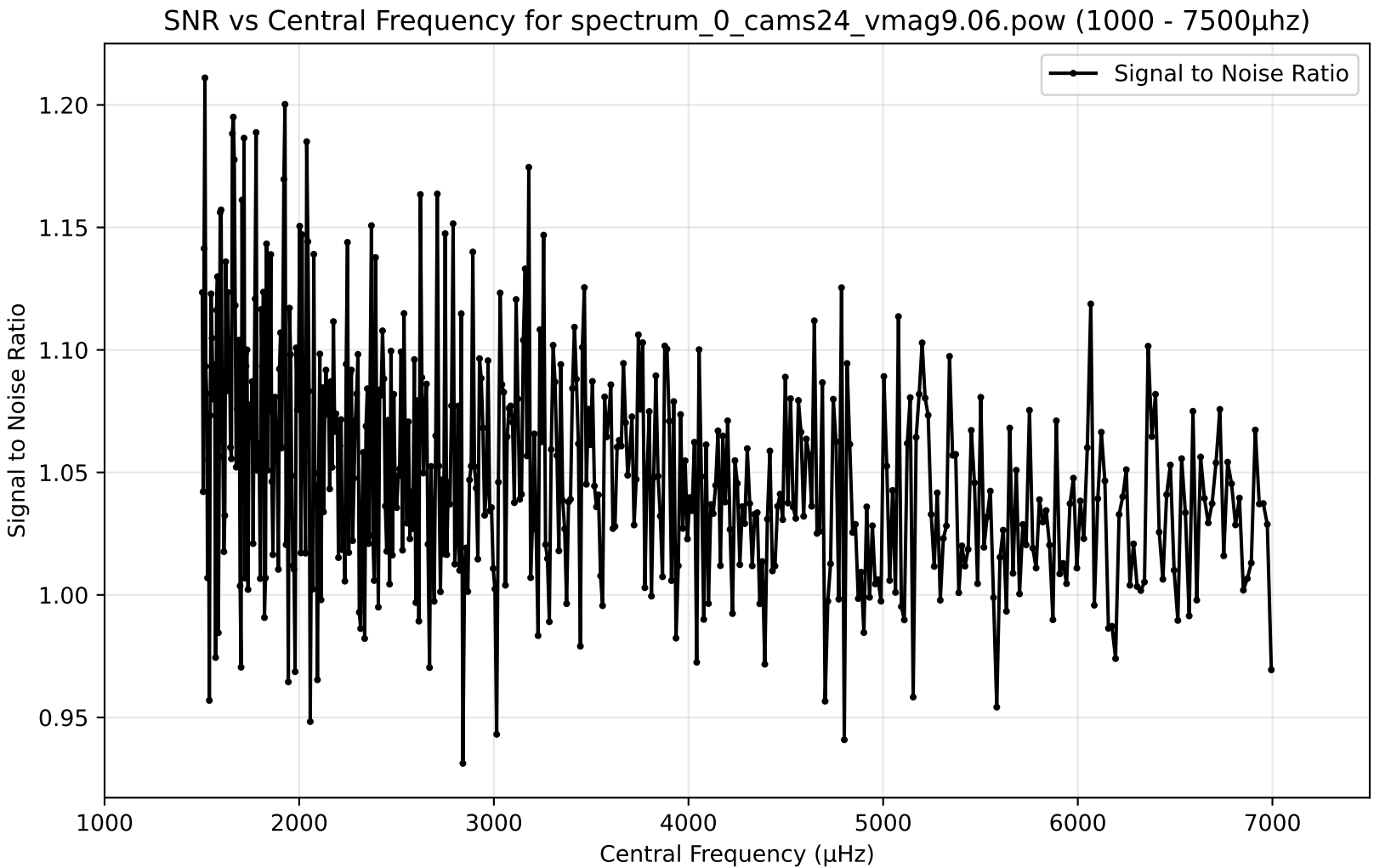

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3428.764μhz ± 133.551μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
4000
1000
2000
3000
4000
5000
6000
7000
8000

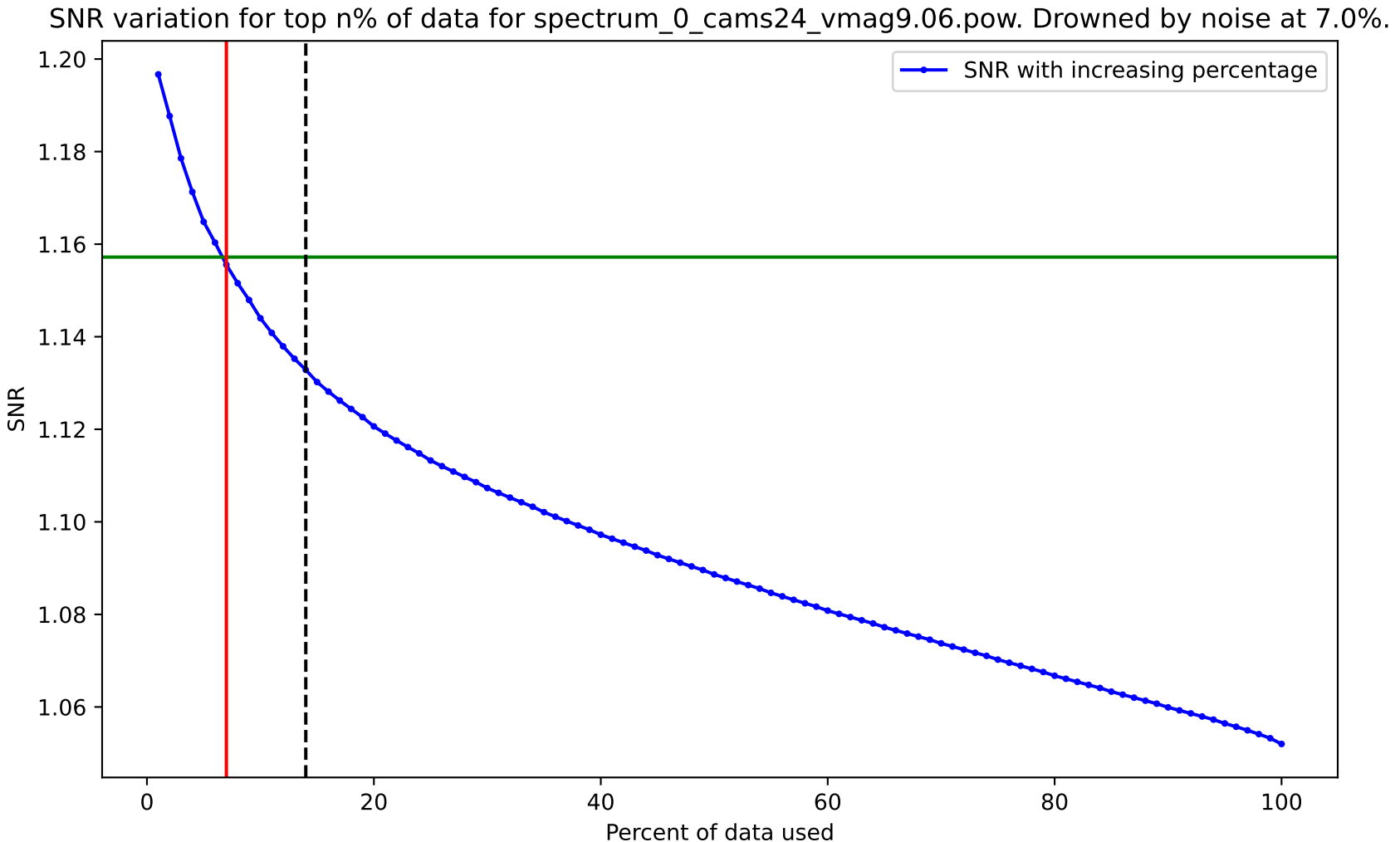

SNR vs Central Frequency for spectrum_0_cams24_vmag8.47.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

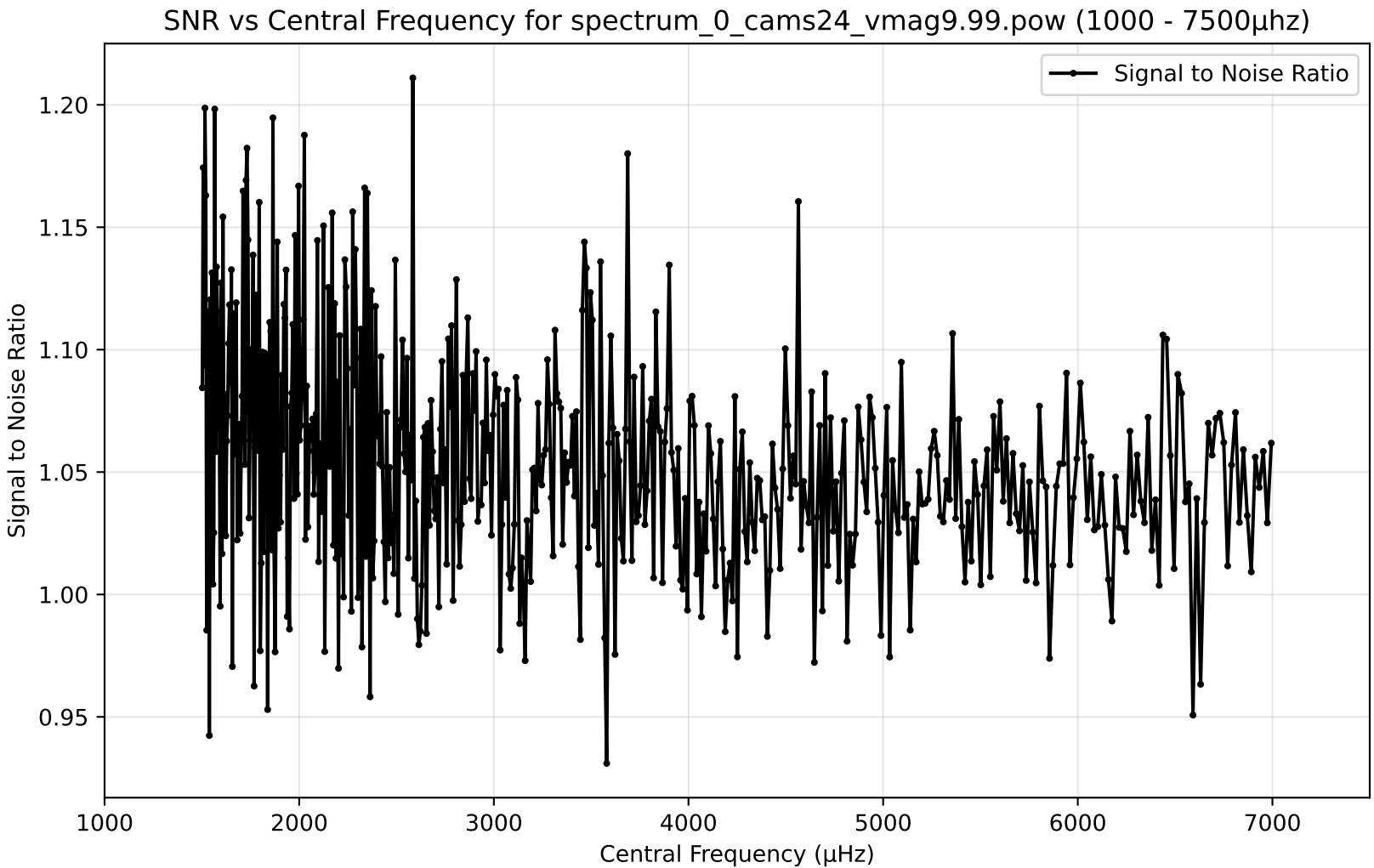

SNR variation for top n% of data for spectrum_0_cams24_vmag8.47.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

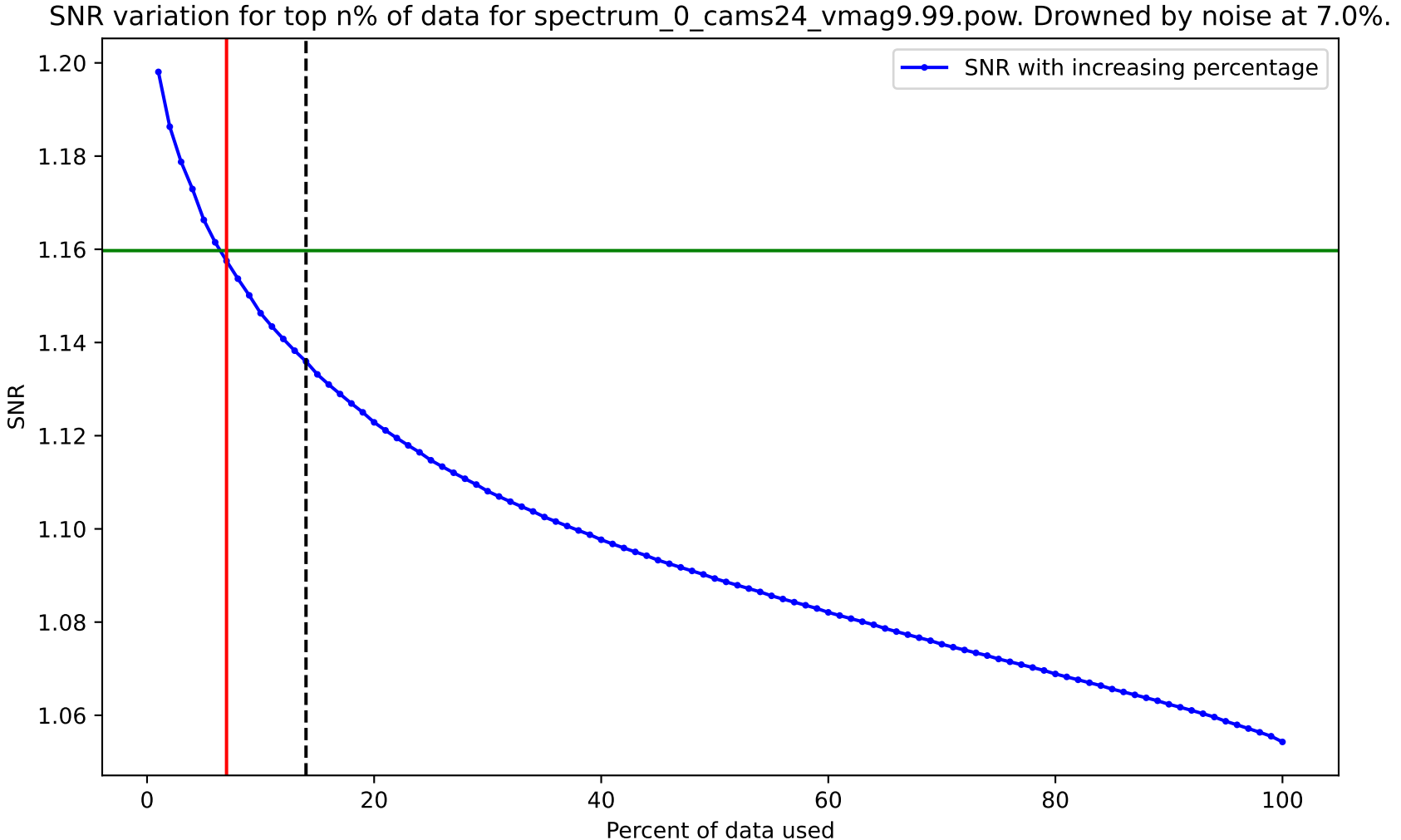

SNR vs Central Frequency for spectrum_0_cams24_vmag8.74.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

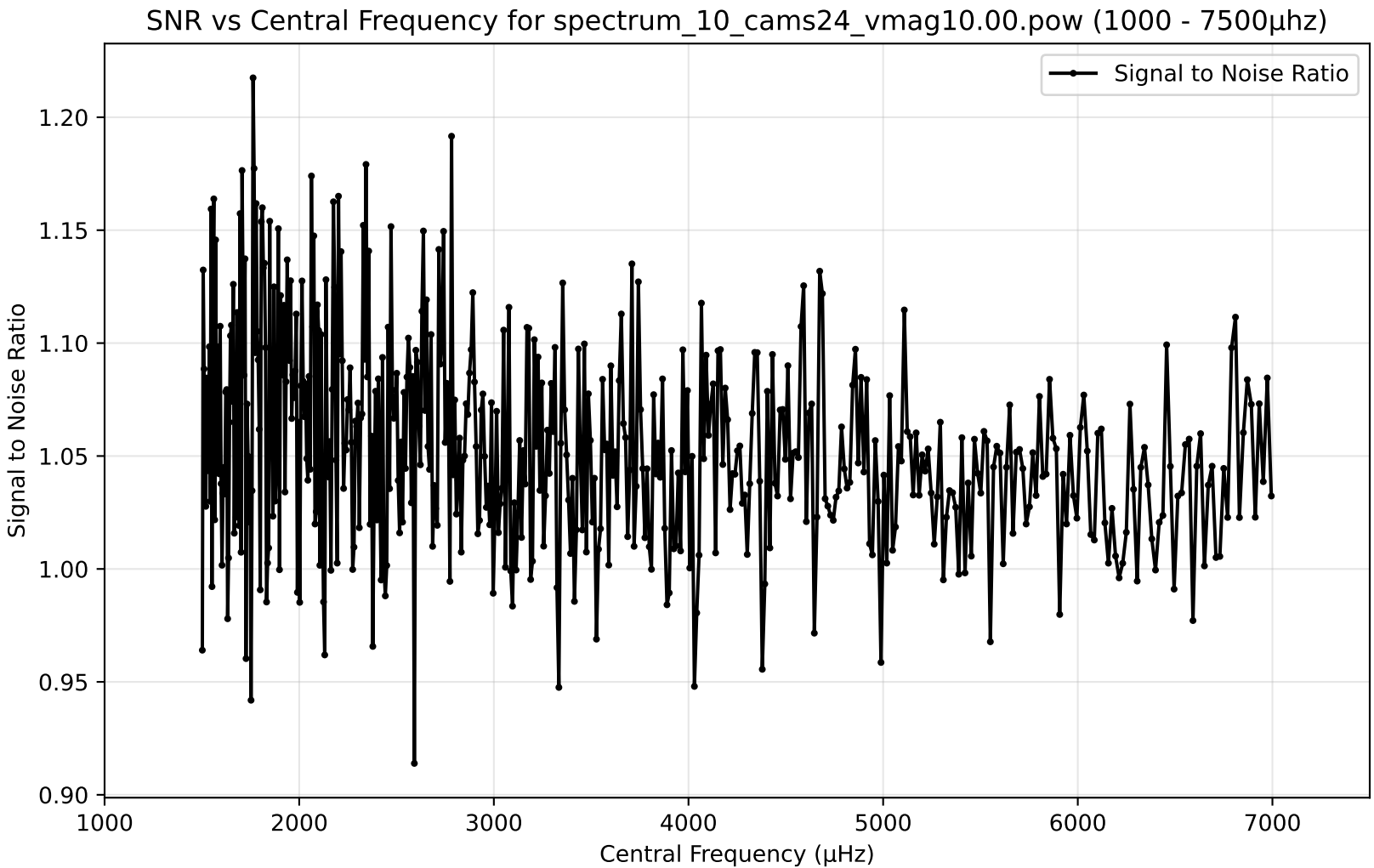

SNR variation for top n% of data for spectrum_0_cams24_vmag8.74.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

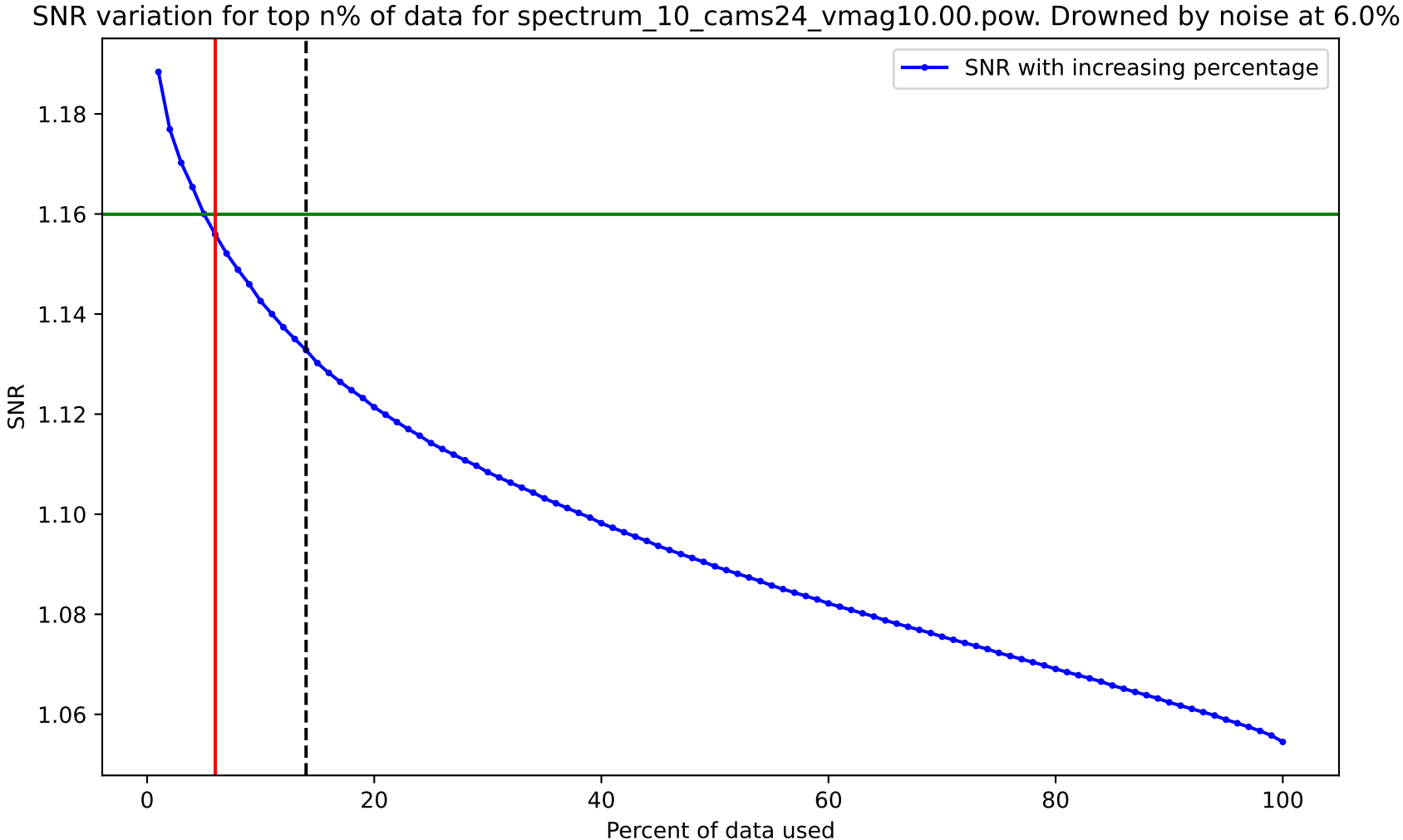

SNR vs Central Frequency for spectrum_0_cams24_vmag9.06.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

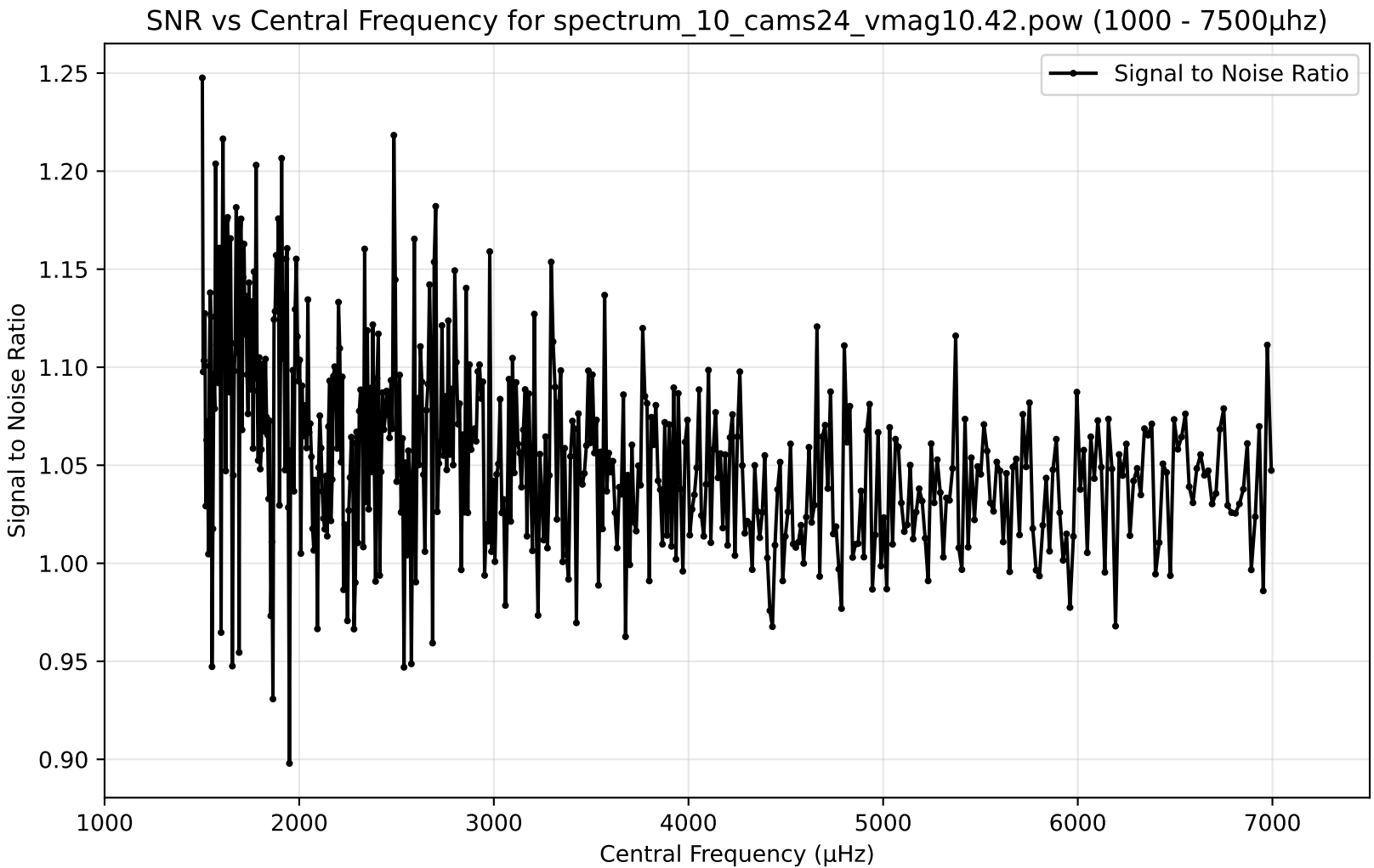

SNR variation for top n% of data for spectrum_0_cams24_vmag9.06.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

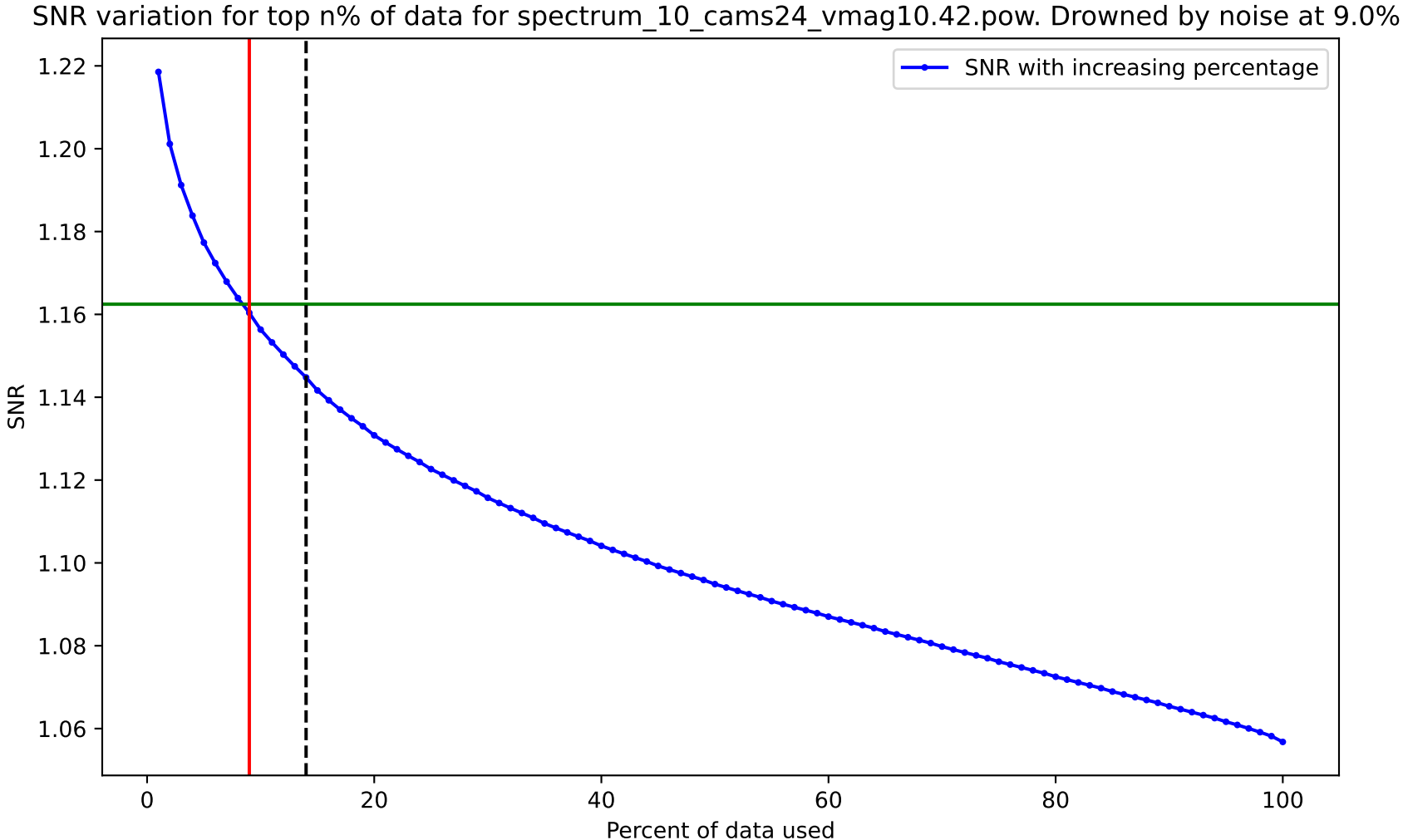

SNR vs Central Frequency for spectrum_0_cams24_vmag9.99.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

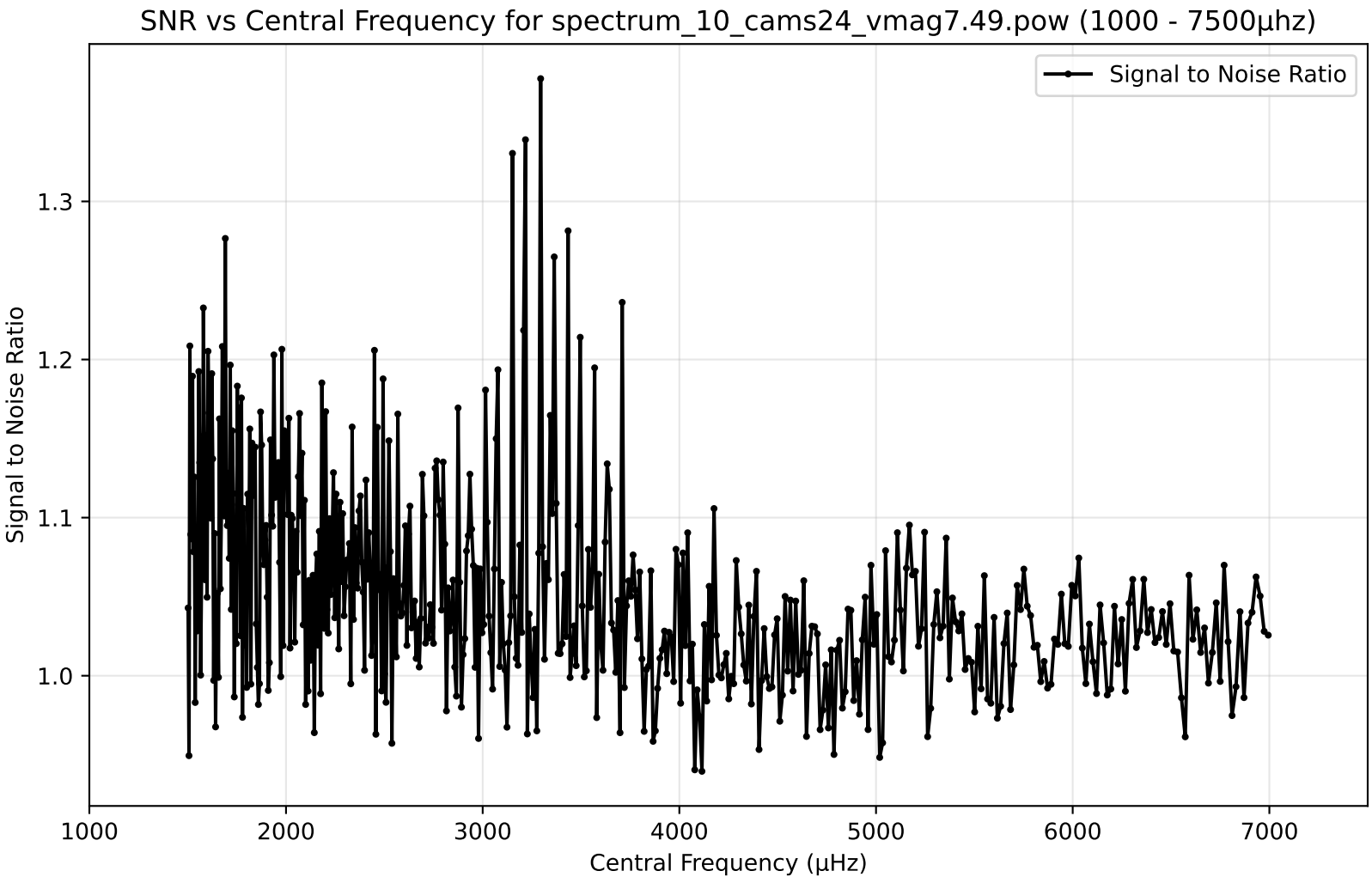

SNR variation for top n% of data for spectrum_0_cams24_vmag9.99.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

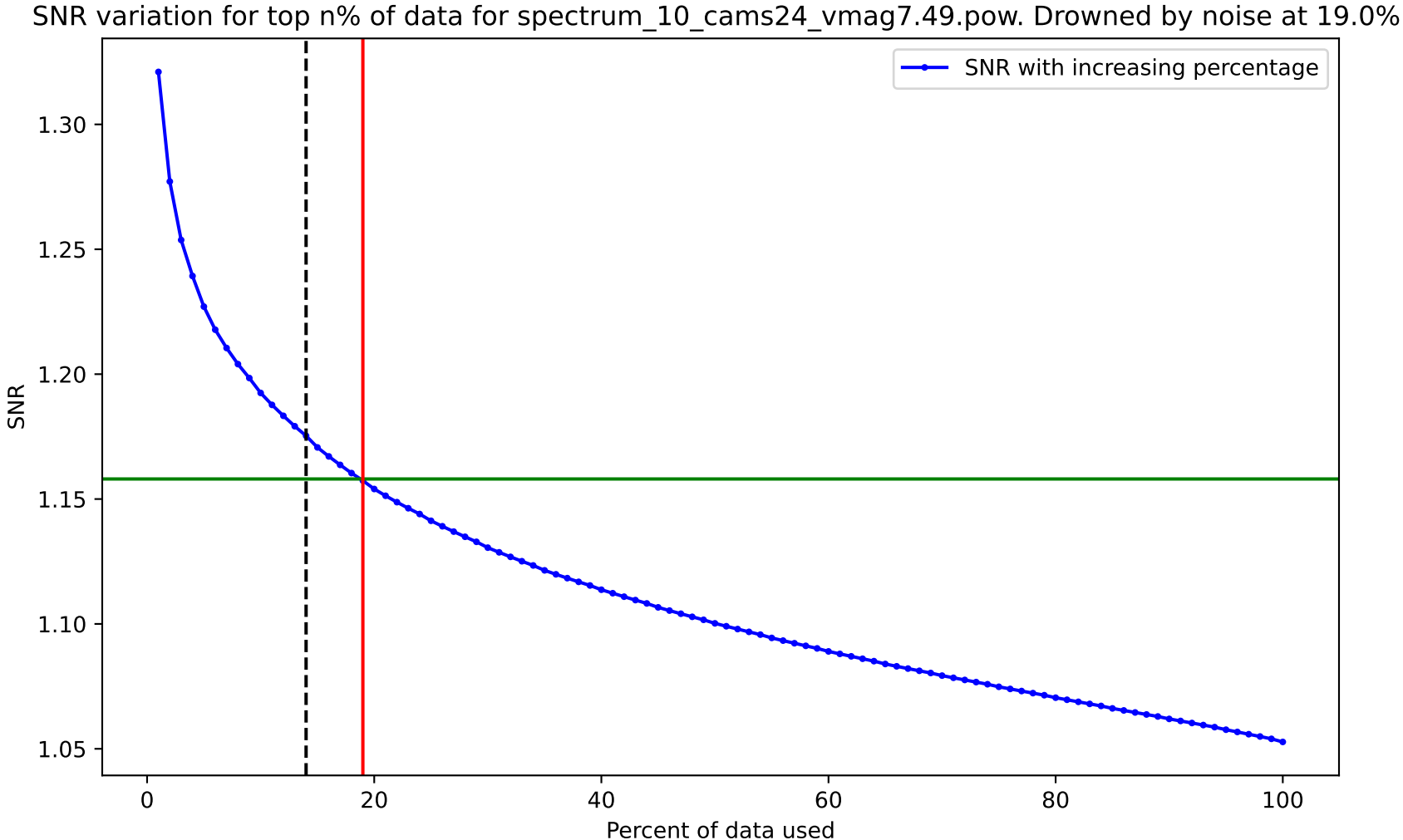

SNR vs Central Frequency for spectrum_10_cams24_vmag10.00.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

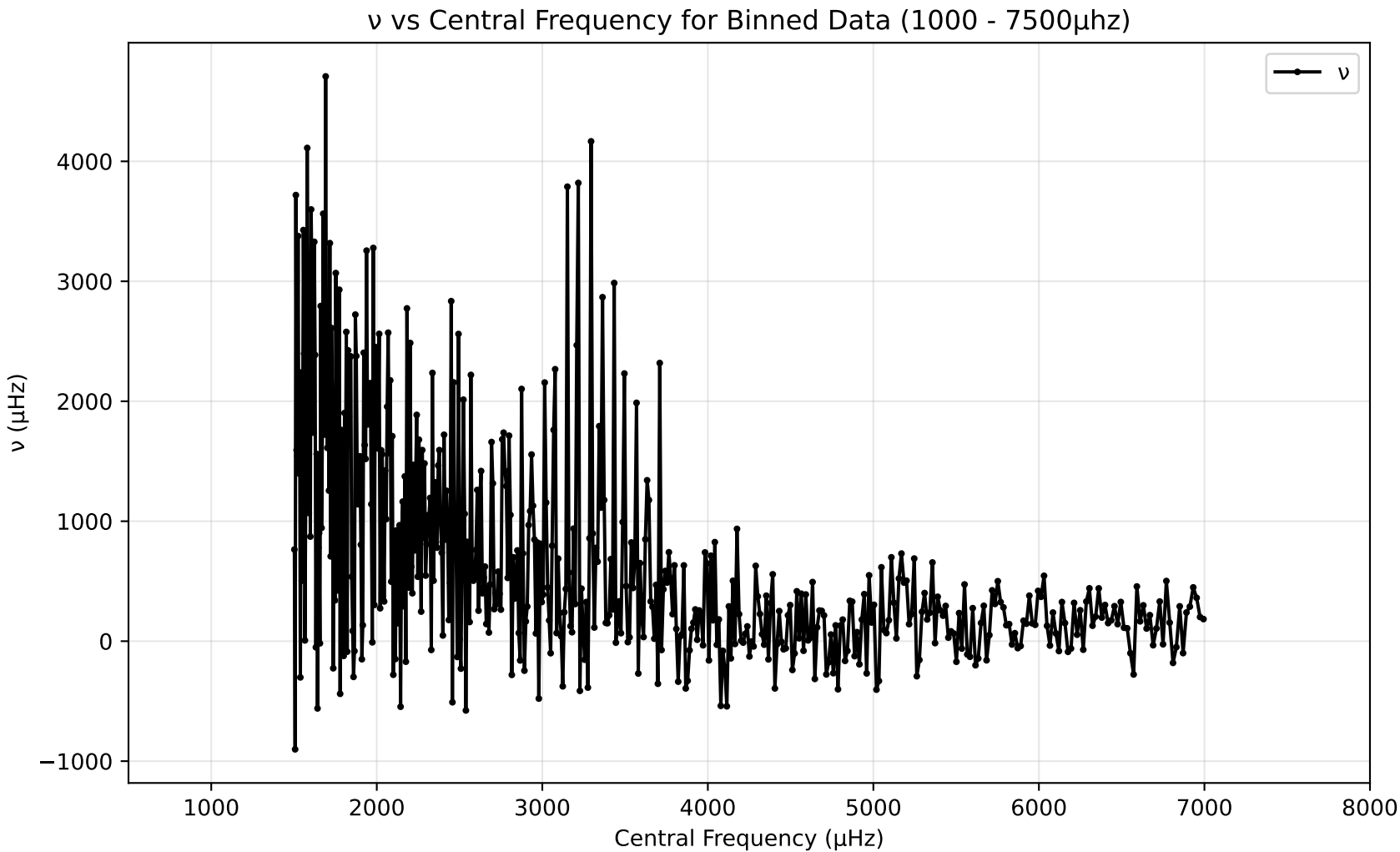

SNR variation for top n% of data for spectrum_10_cams24_vmag10.00.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

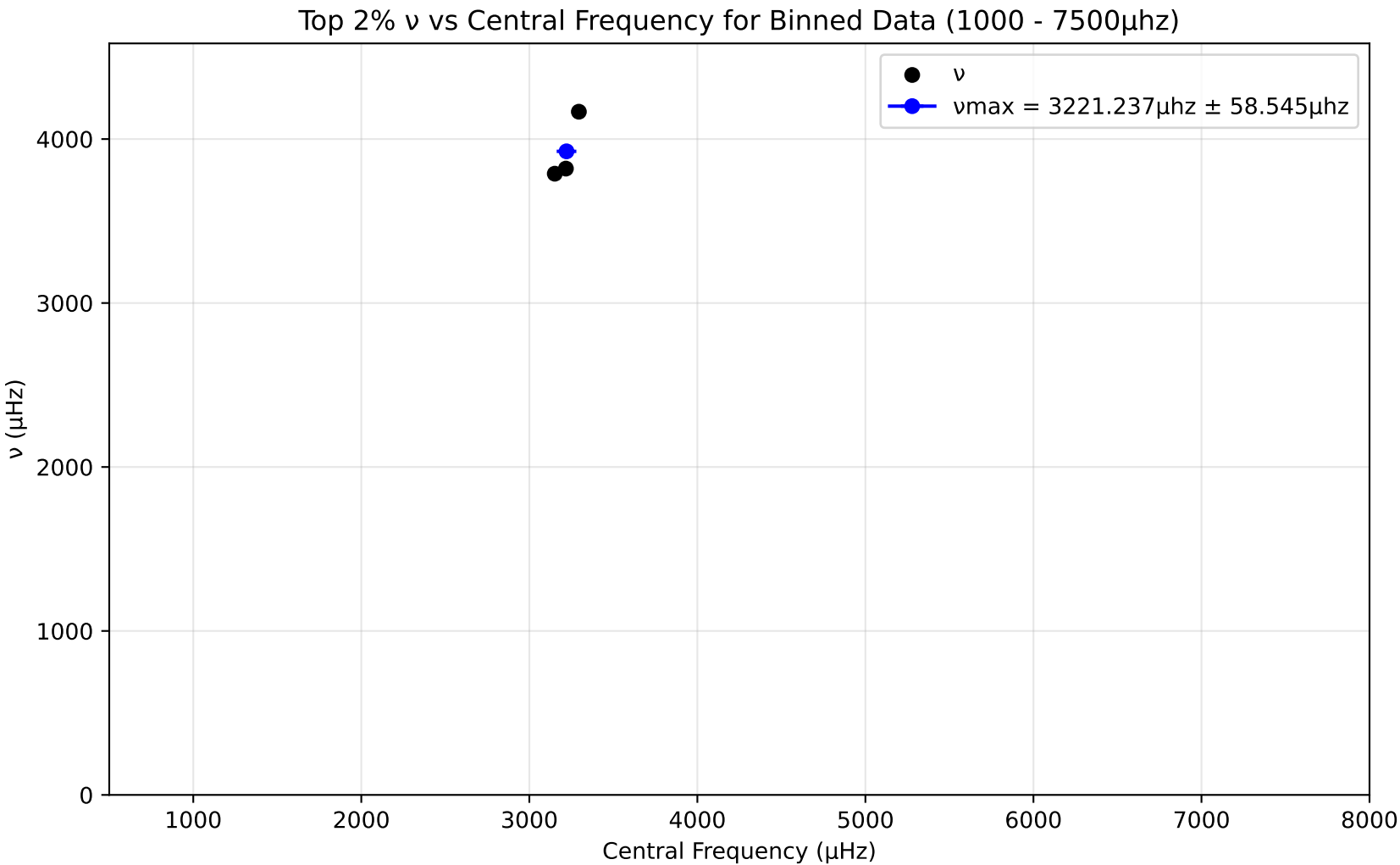

SNR vs Central Frequency for spectrum_10_cams24_vmag10.42.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

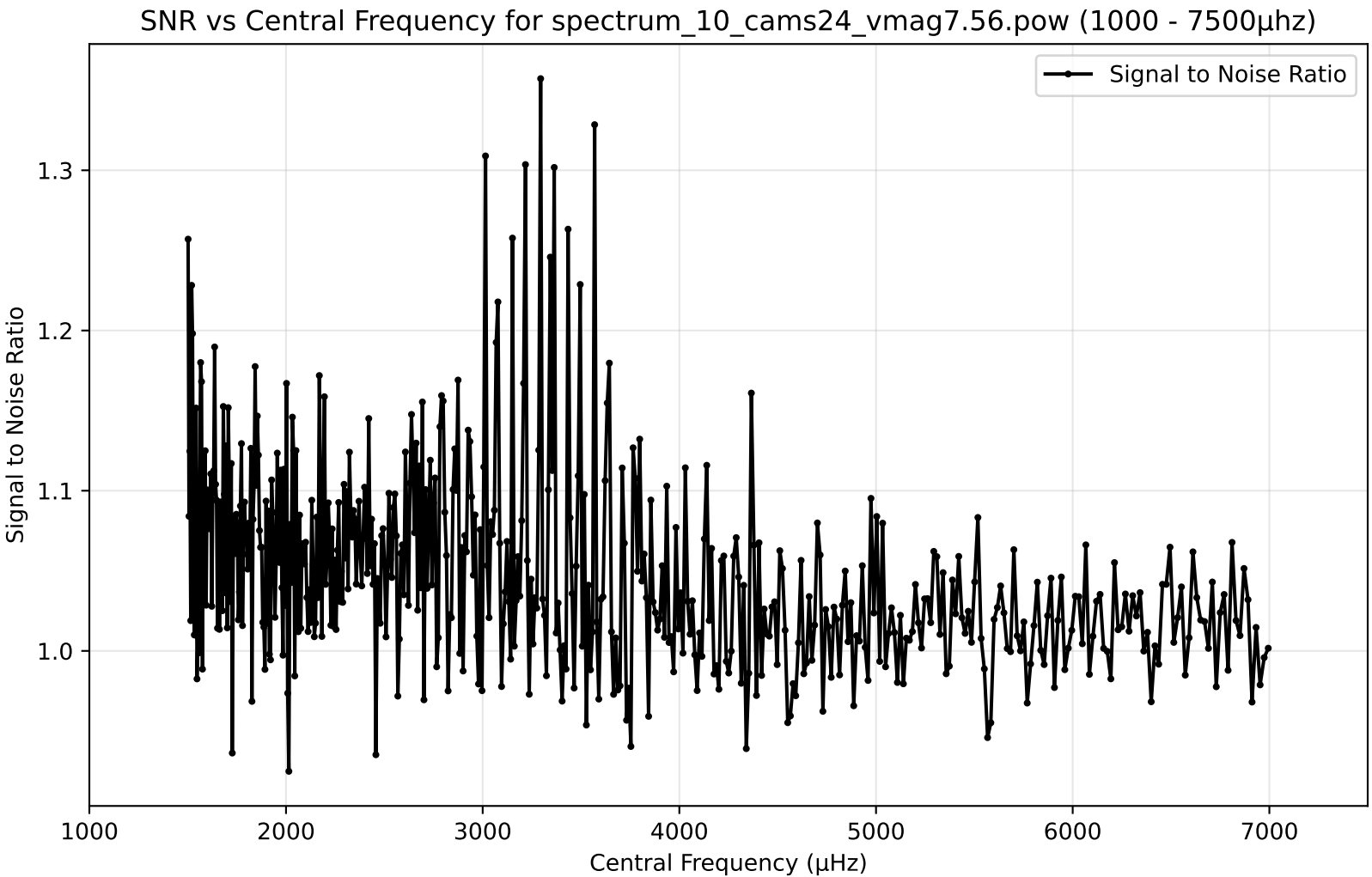

SNR variation for top n% of data for spectrum_10_cams24_vmag10.42.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

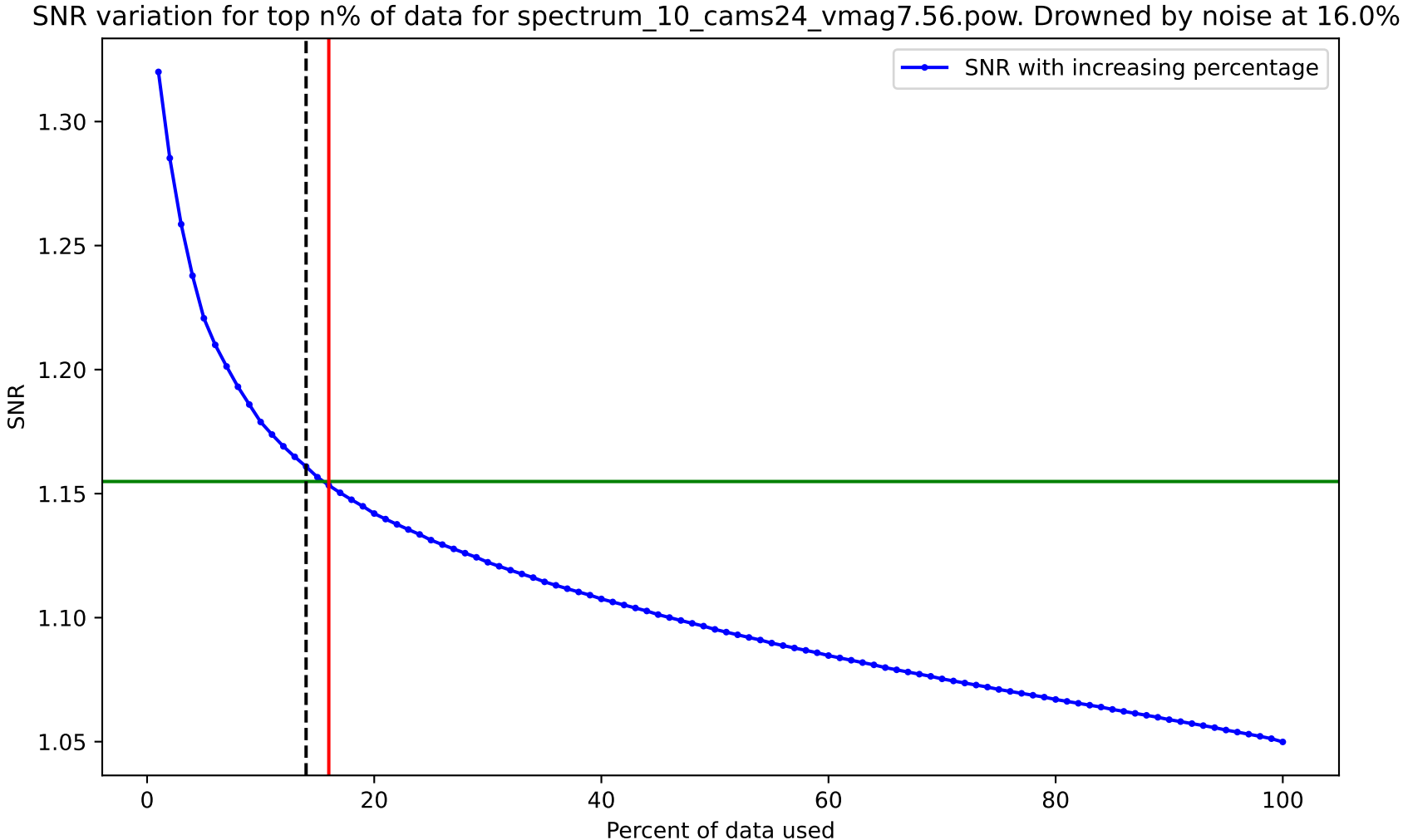

SNR vs Central Frequency for spectrum_10_cams24_vmag7.49.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

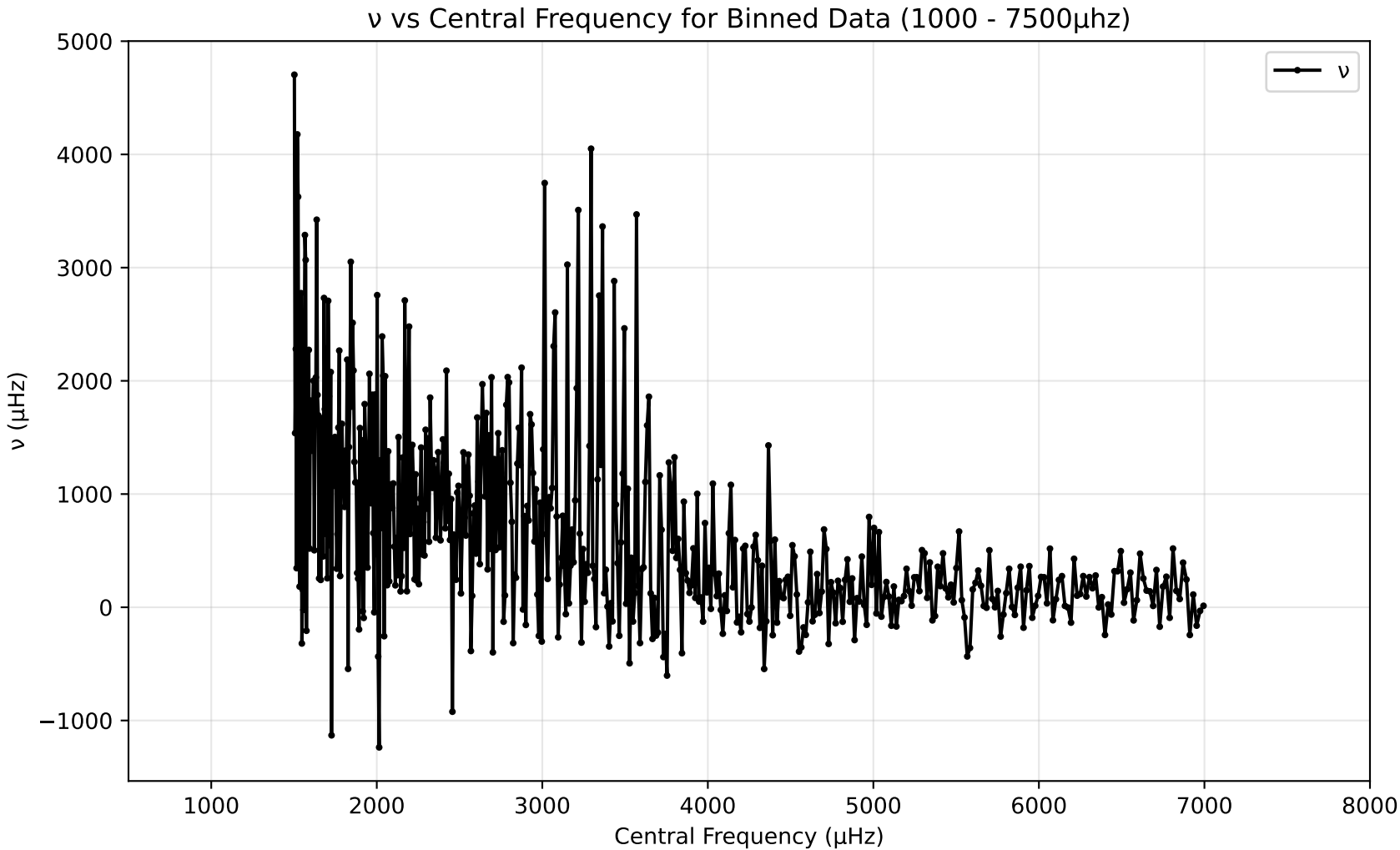

SNR variation for top n% of data for spectrum_10_cams24_vmag7.49.pow. Drowned by noise at 19.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

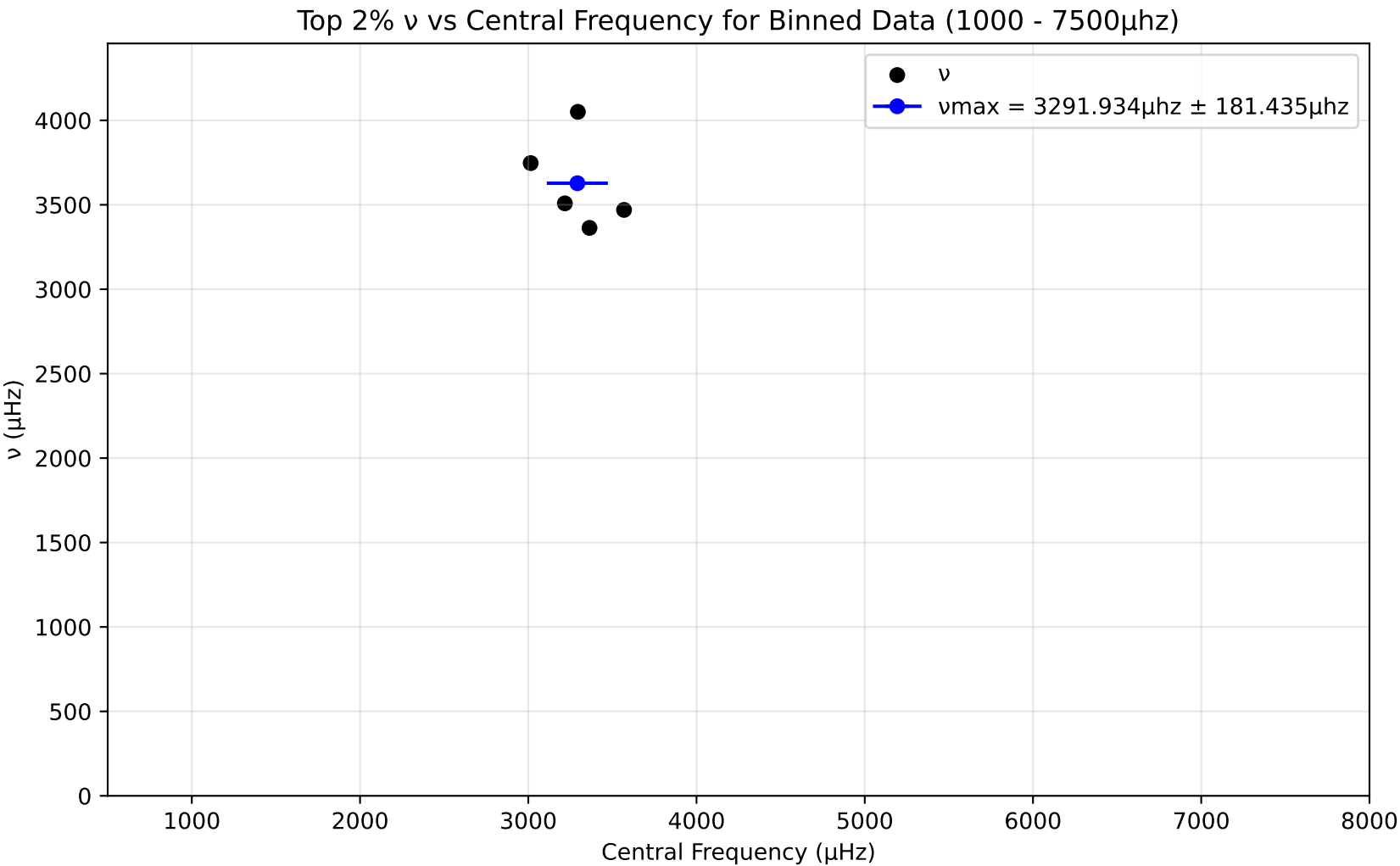

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

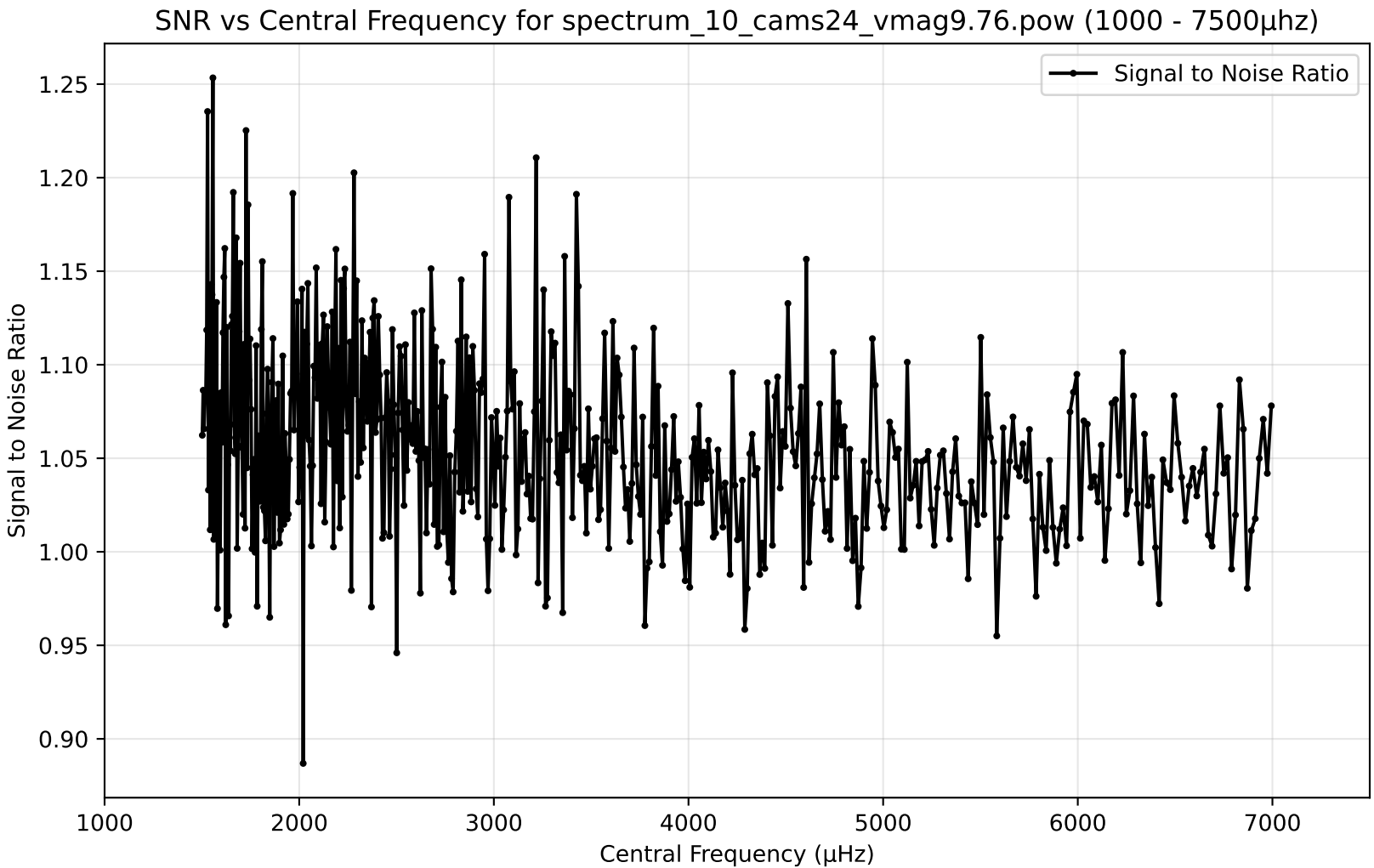

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3221.237μhz ± 58.545μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
1000
2000
3000
4000
5000
6000
7000
8000

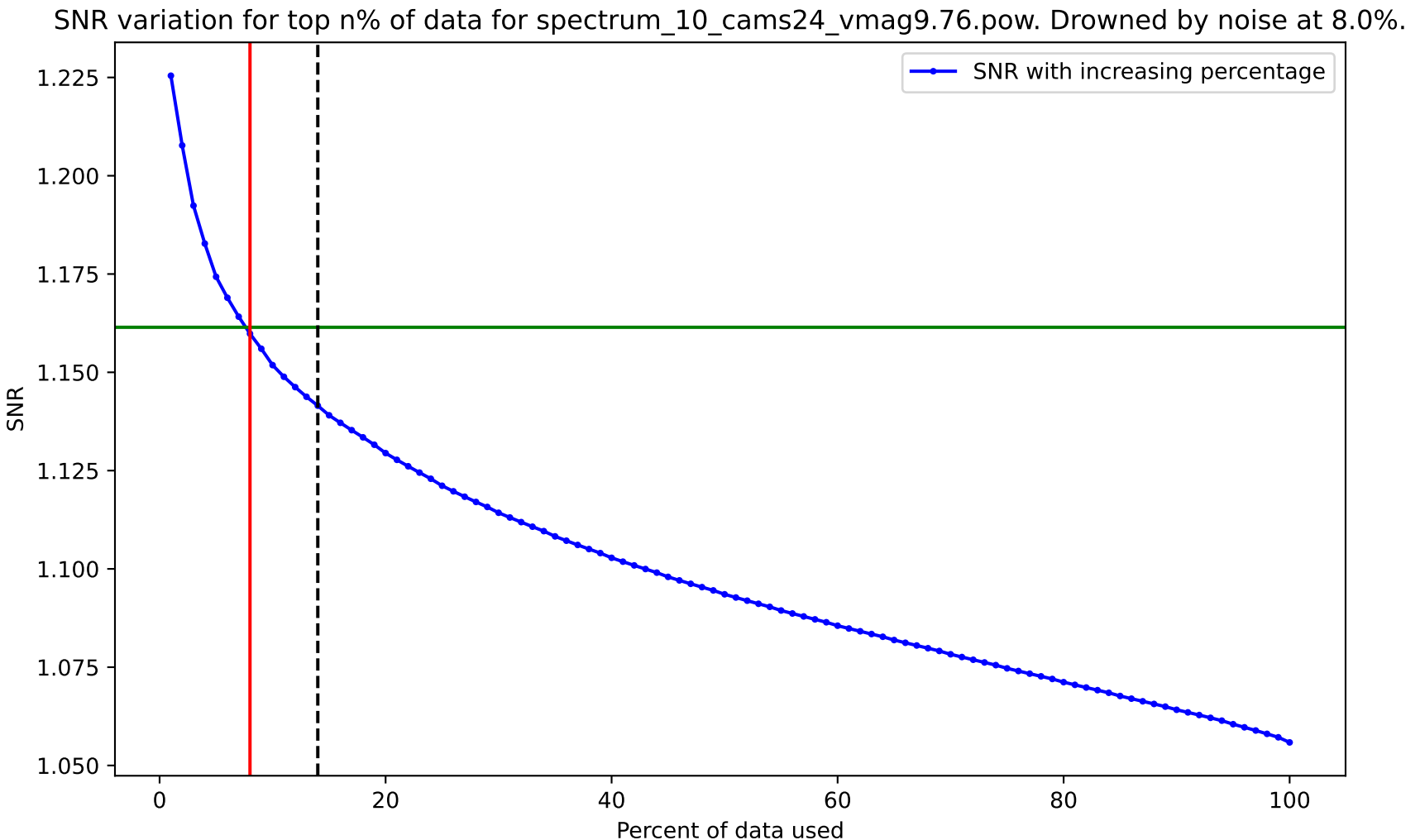

SNR vs Central Frequency for spectrum_10_cams24_vmag7.56.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

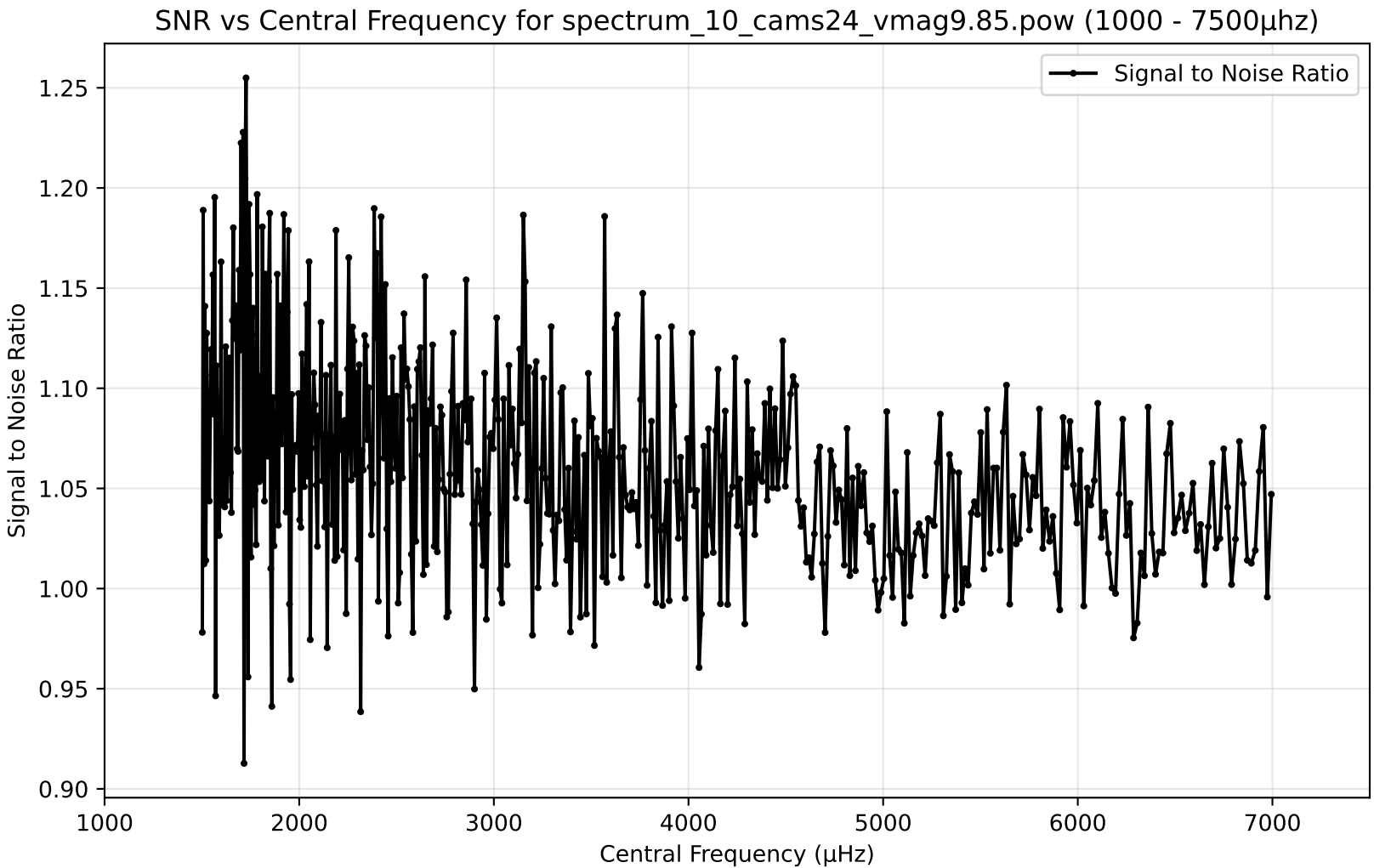

SNR variation for top n% of data for spectrum_10_cams24_vmag7.56.pow. Drowned by noise at 16.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

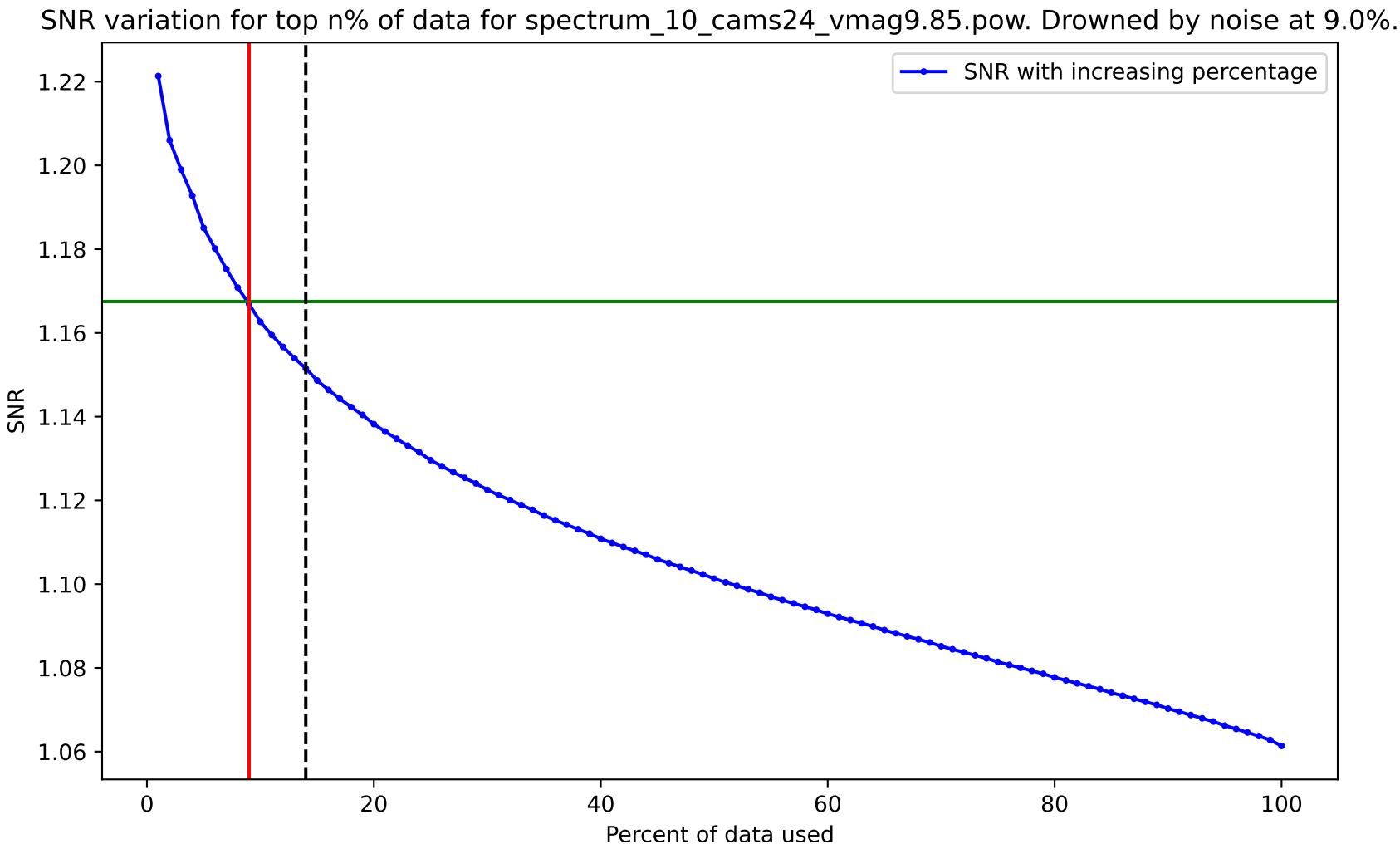

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

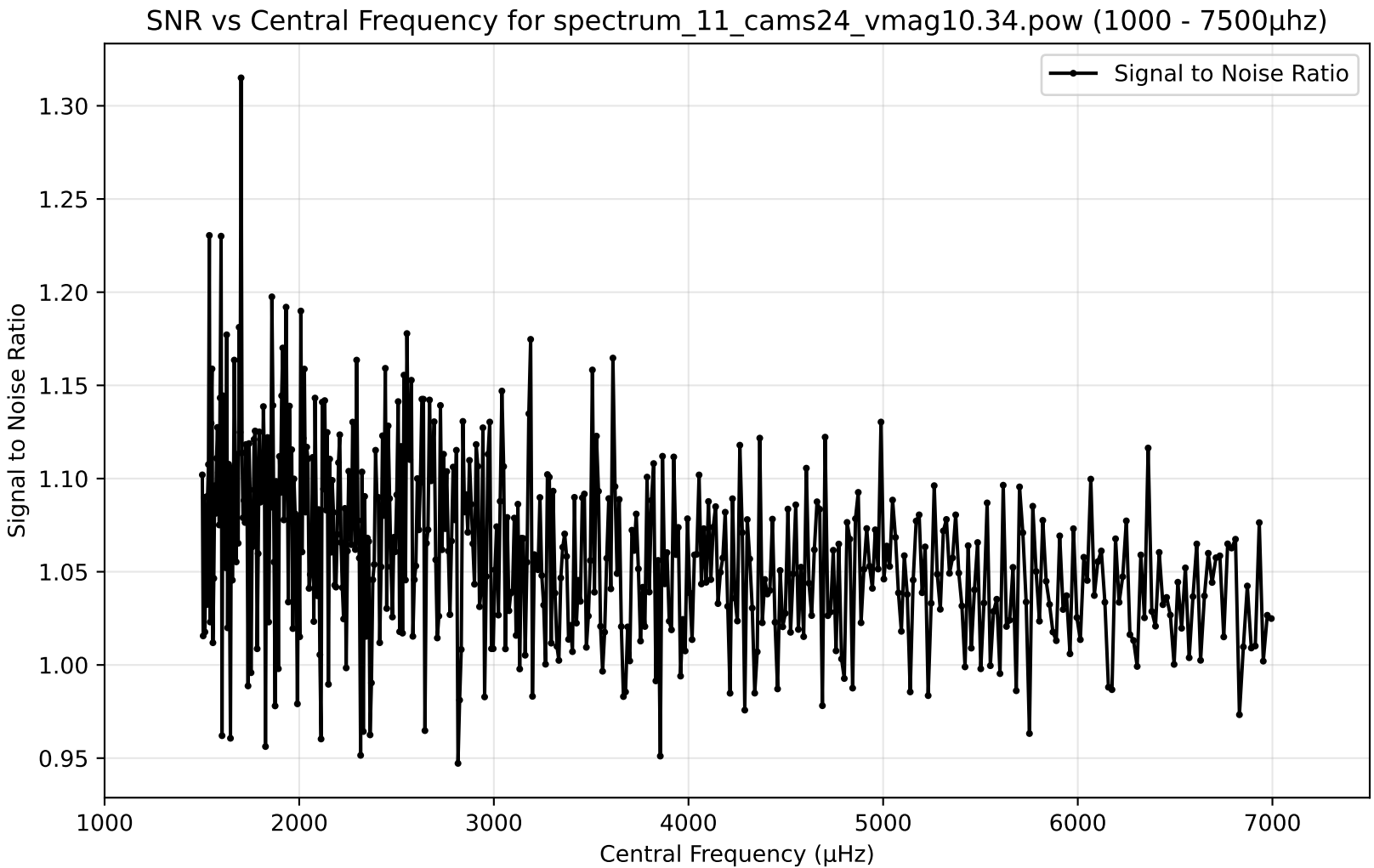

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3291.934μhz ± 181.435μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
4000
1000
2000
3000
4000
5000
6000
7000
8000

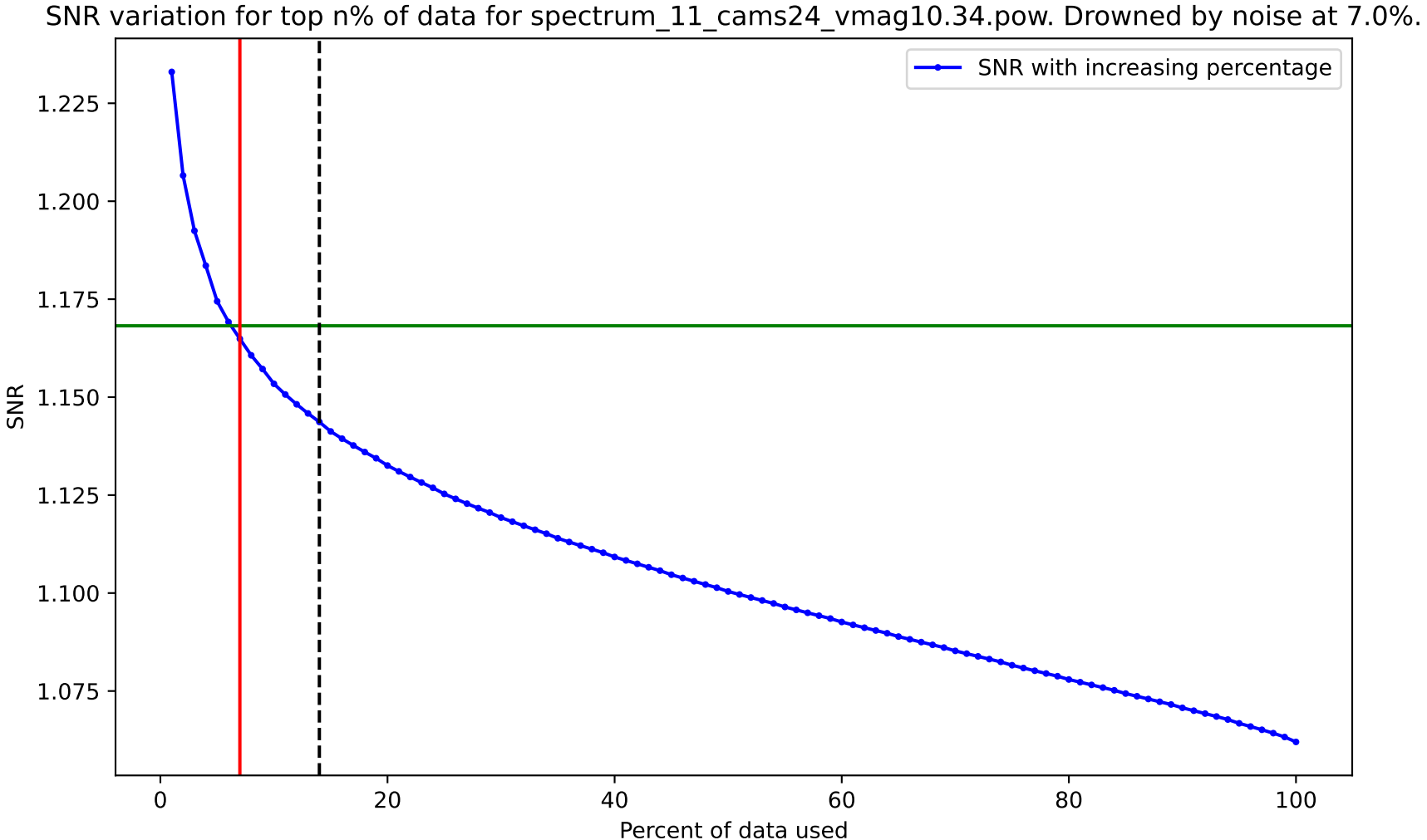

SNR vs Central Frequency for spectrum_10_cams24_vmag9.76.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

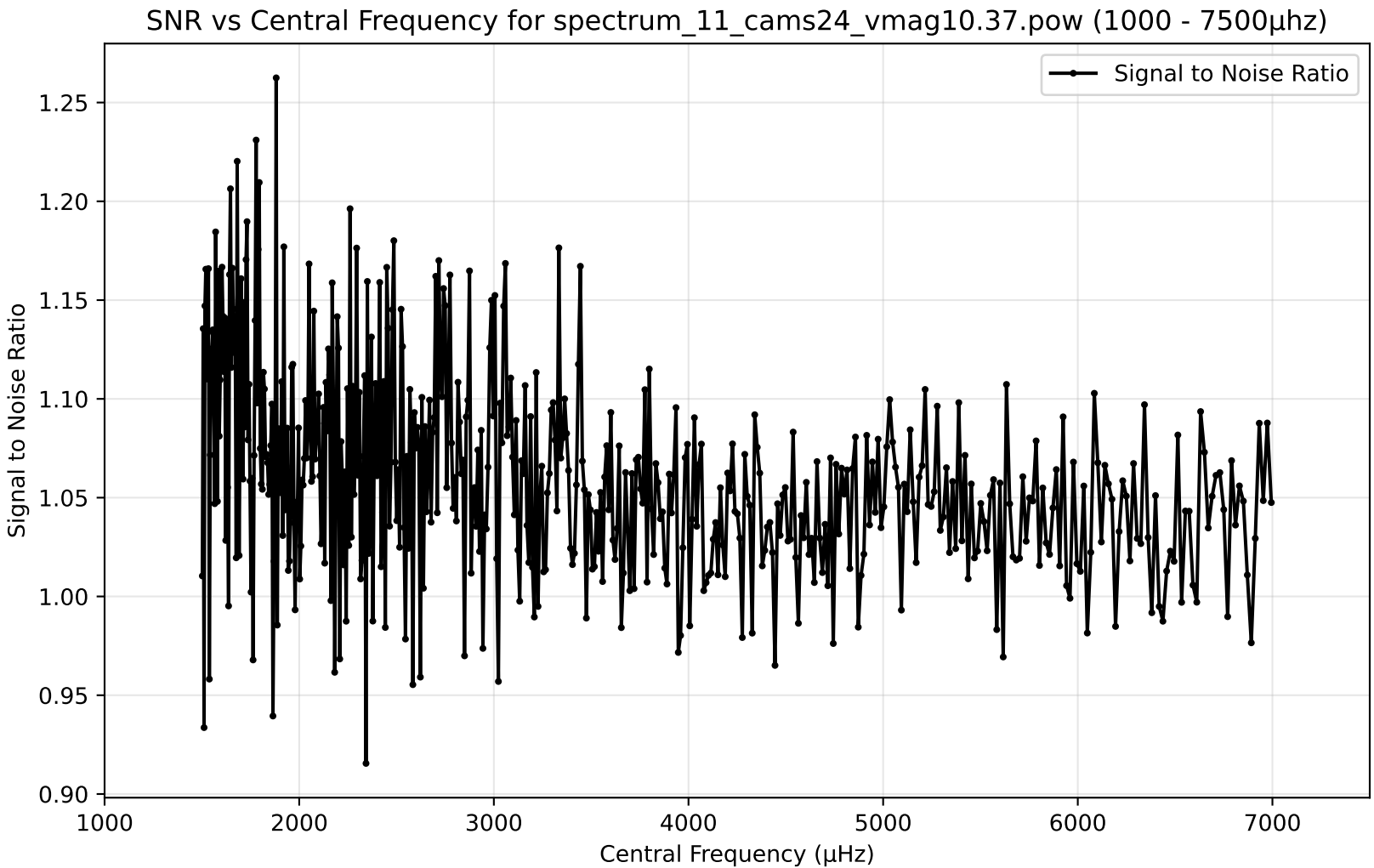

SNR variation for top n% of data for spectrum_10_cams24_vmag9.76.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

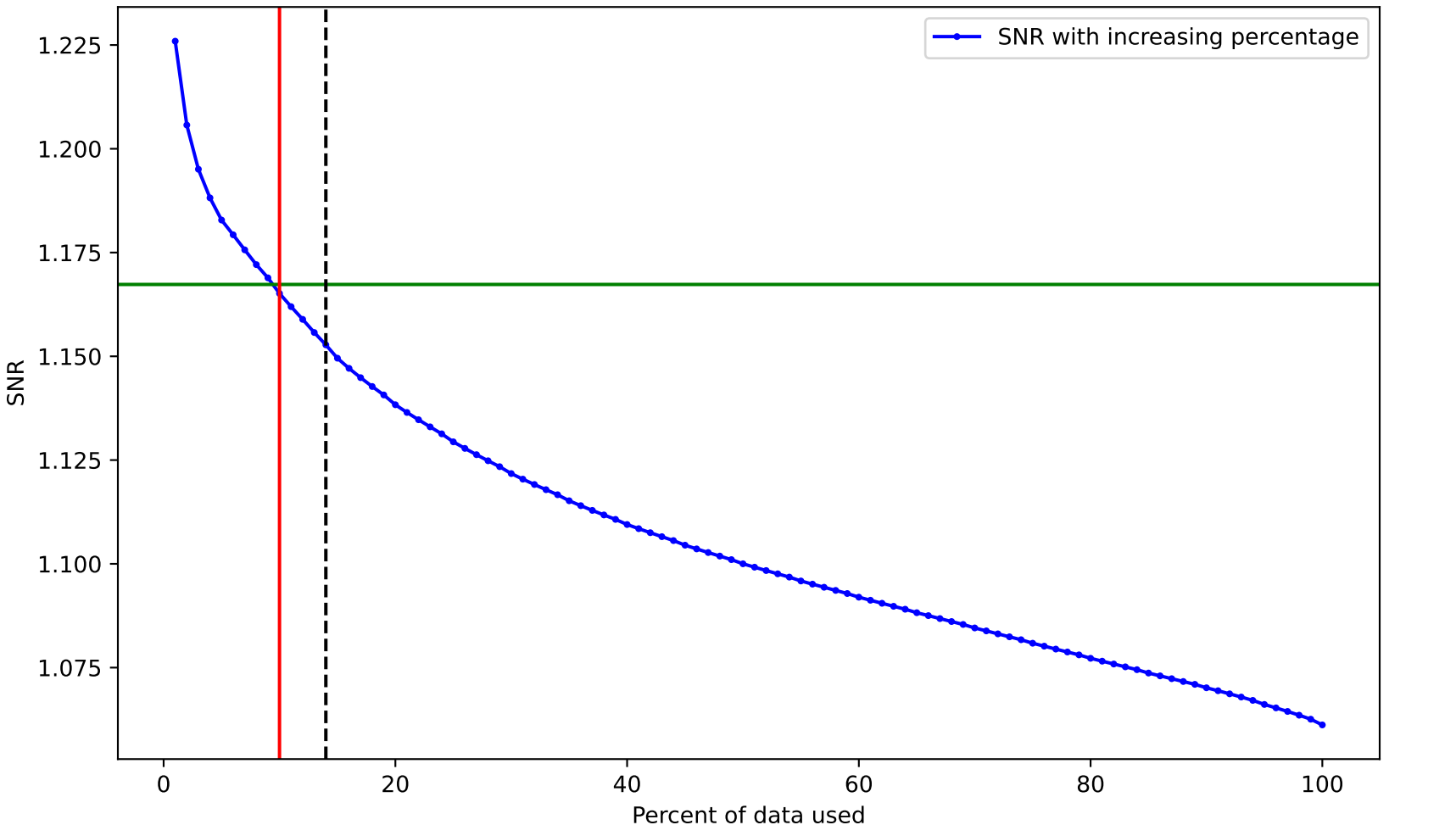

SNR vs Central Frequency for spectrum_10_cams24_vmag9.85.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

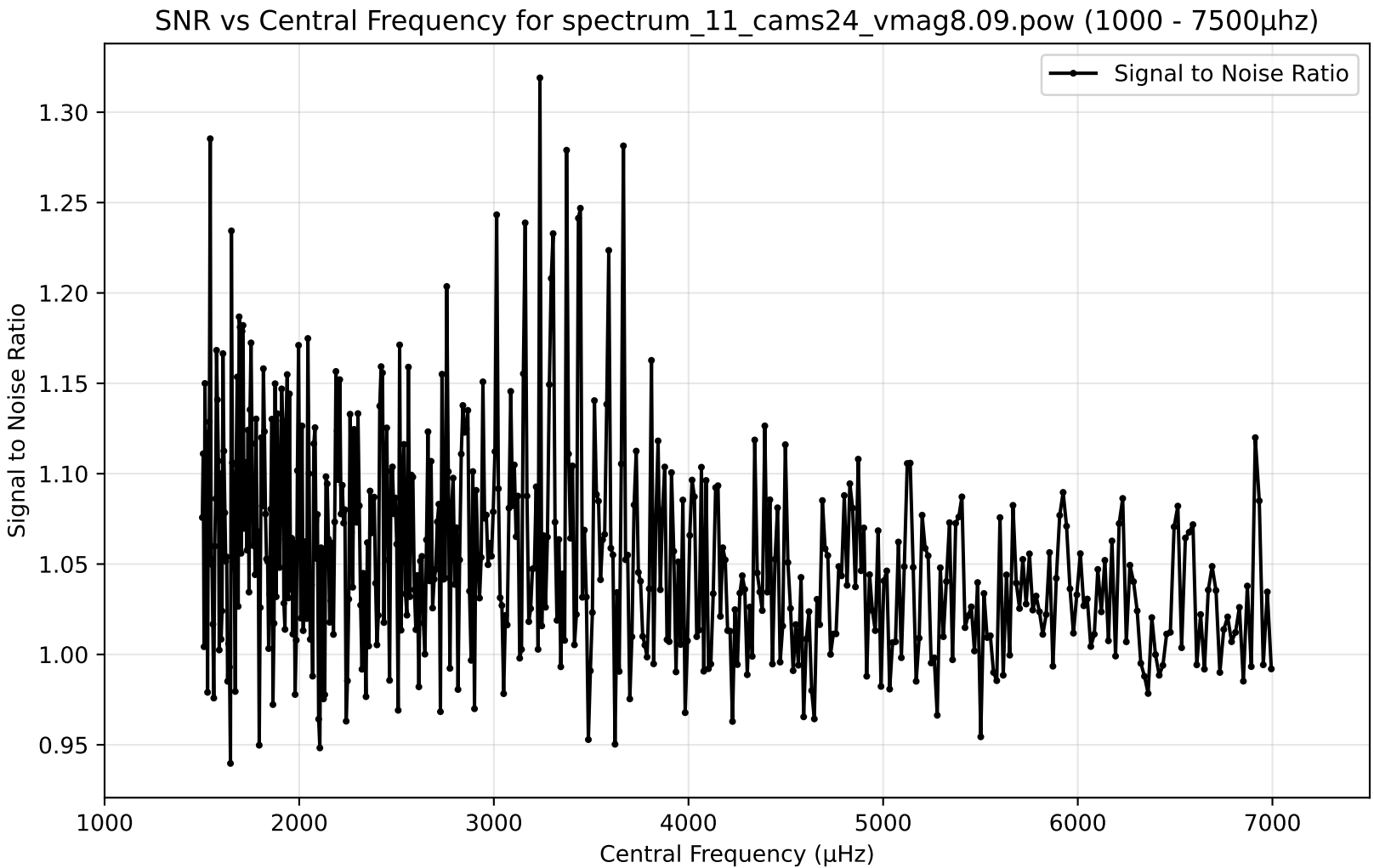

SNR variation for top n% of data for spectrum_10_cams24_vmag9.85.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

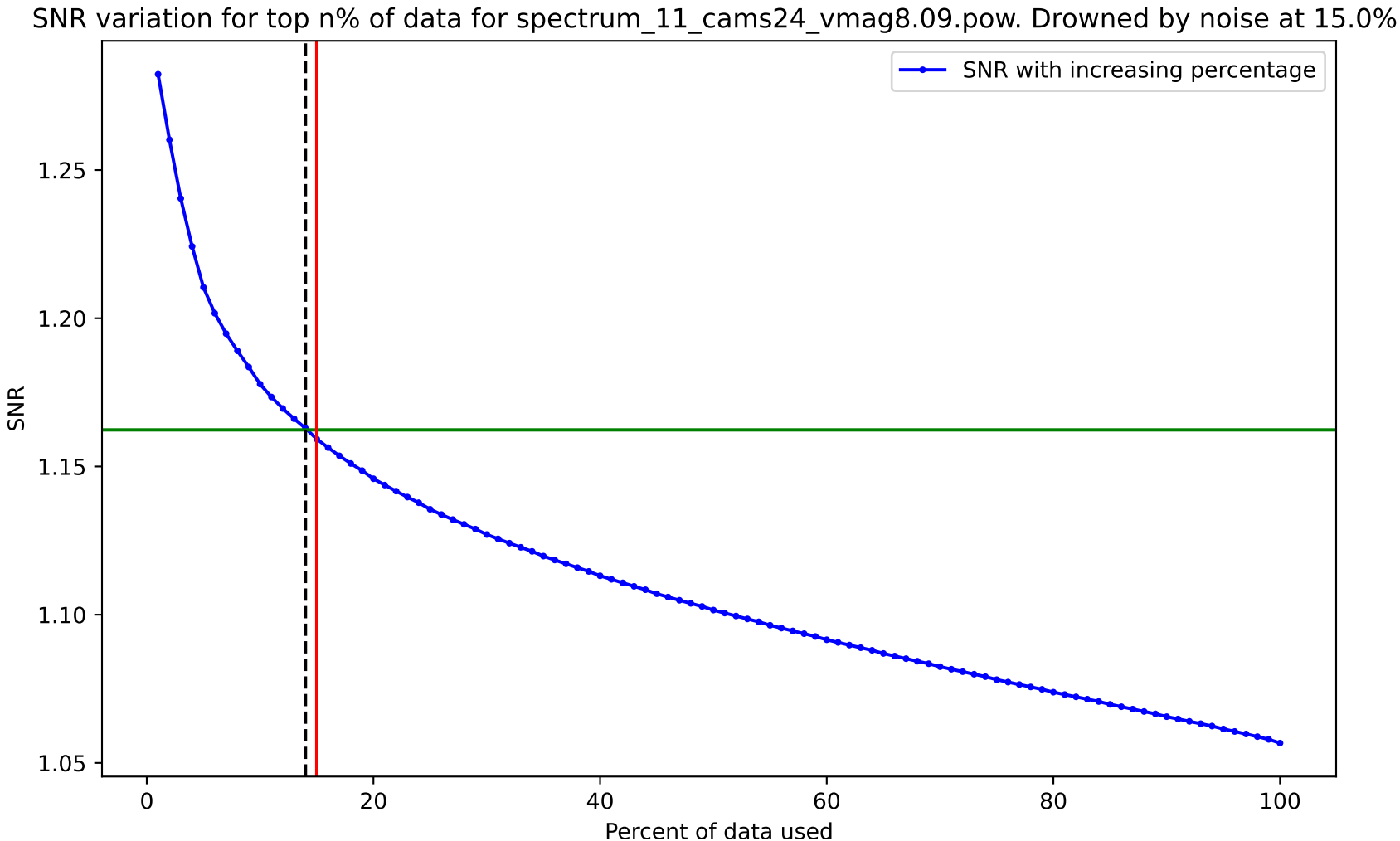

SNR vs Central Frequency for spectrum_11_cams24_vmag10.34.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

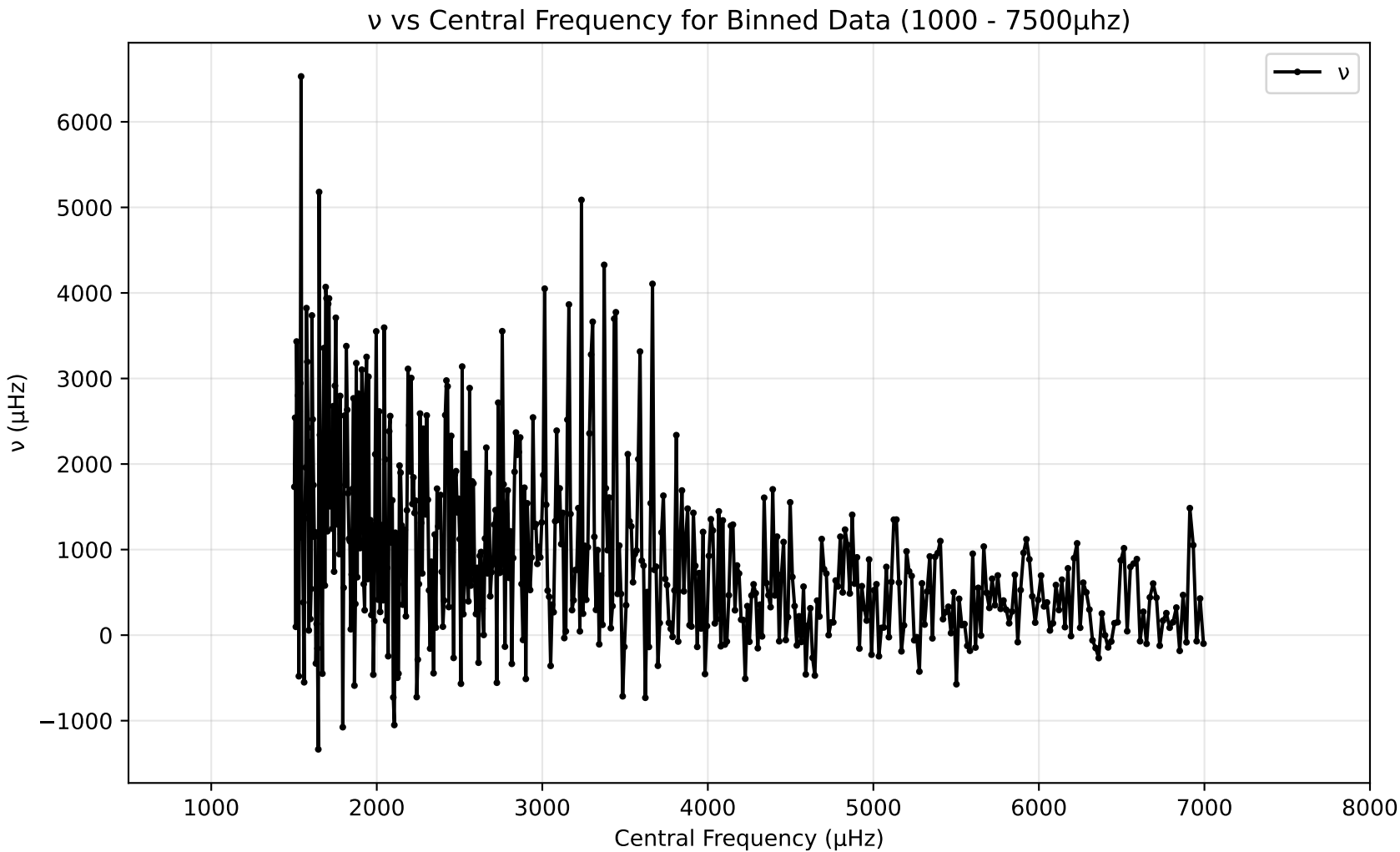

SNR variation for top n% of data for spectrum_11_cams24_vmag10.34.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

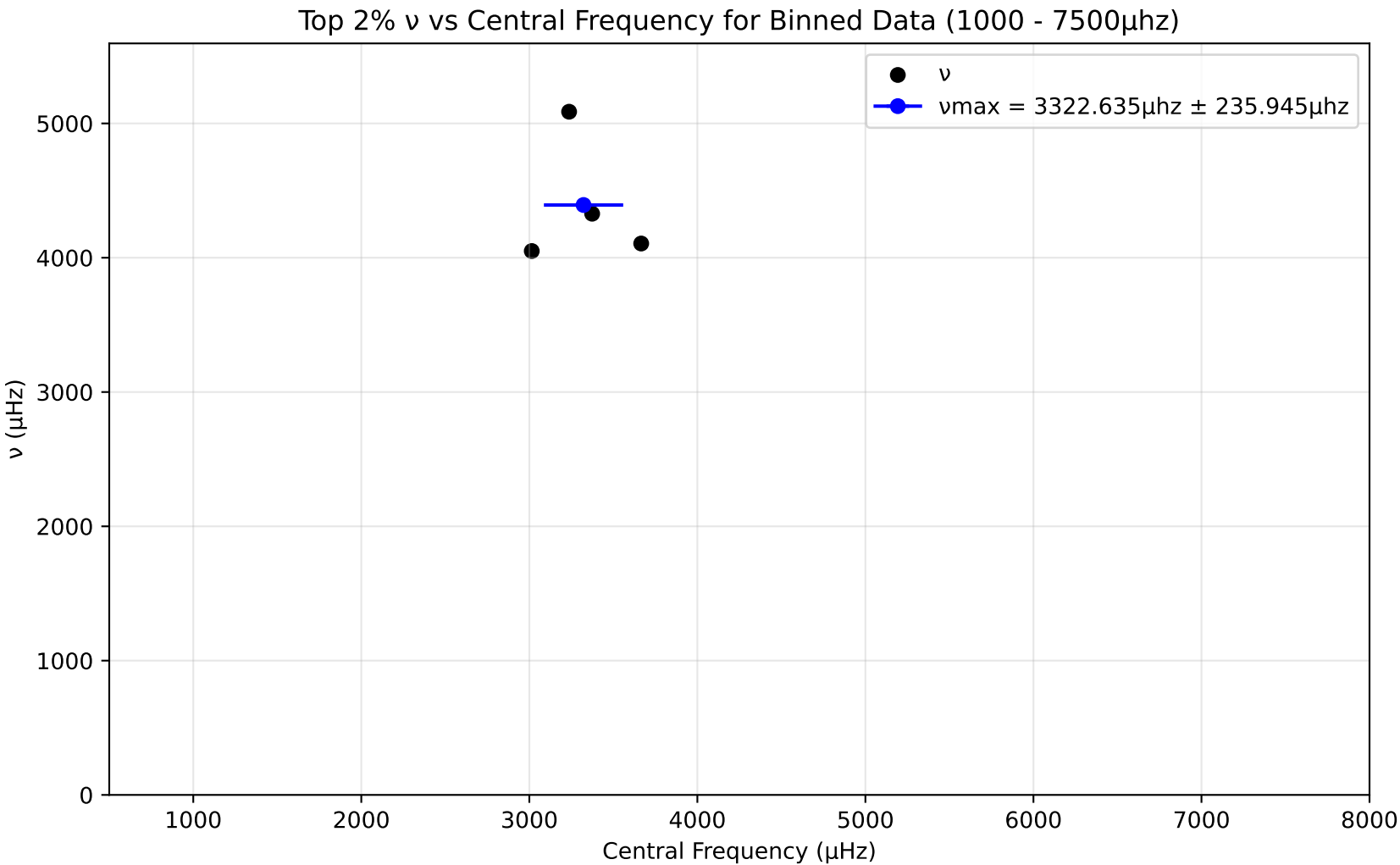

SNR vs Central Frequency for spectrum_11_cams24_vmag10.37.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

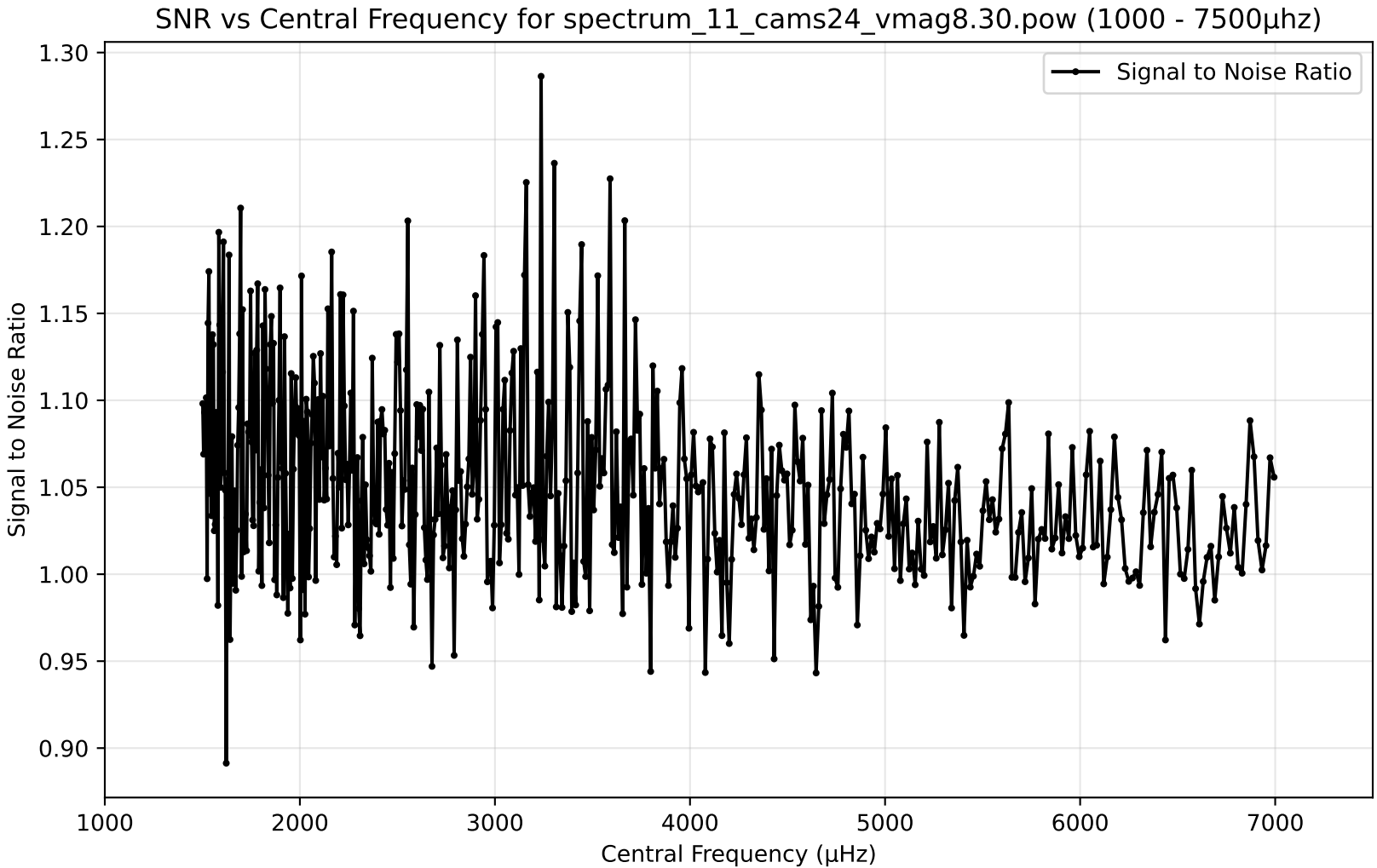

SNR variation for top n% of data for spectrum_11_cams24_vmag10.37.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

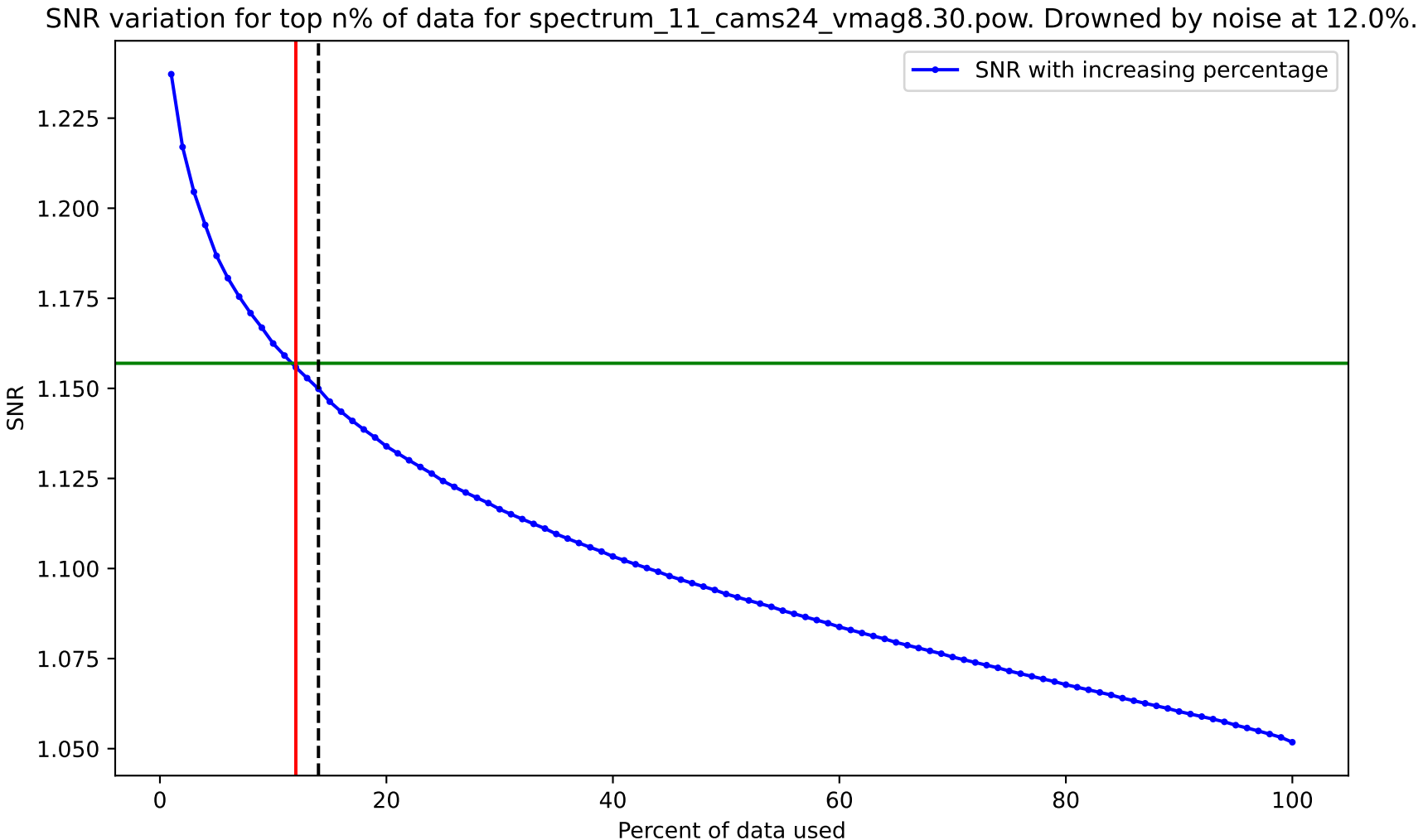

SNR vs Central Frequency for spectrum_11_cams24_vmag8.09.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

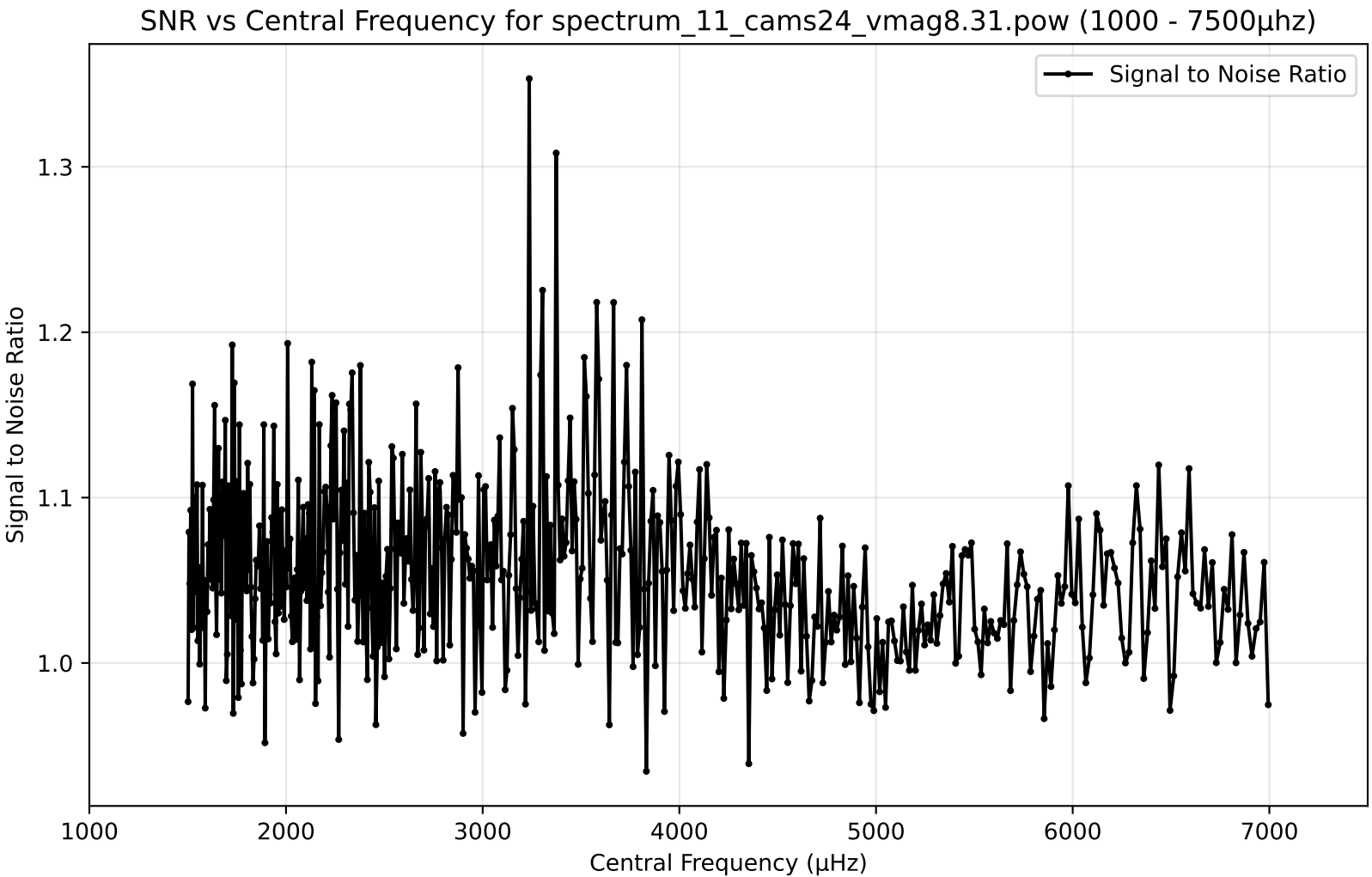

SNR variation for top n% of data for spectrum_11_cams24_vmag8.09.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

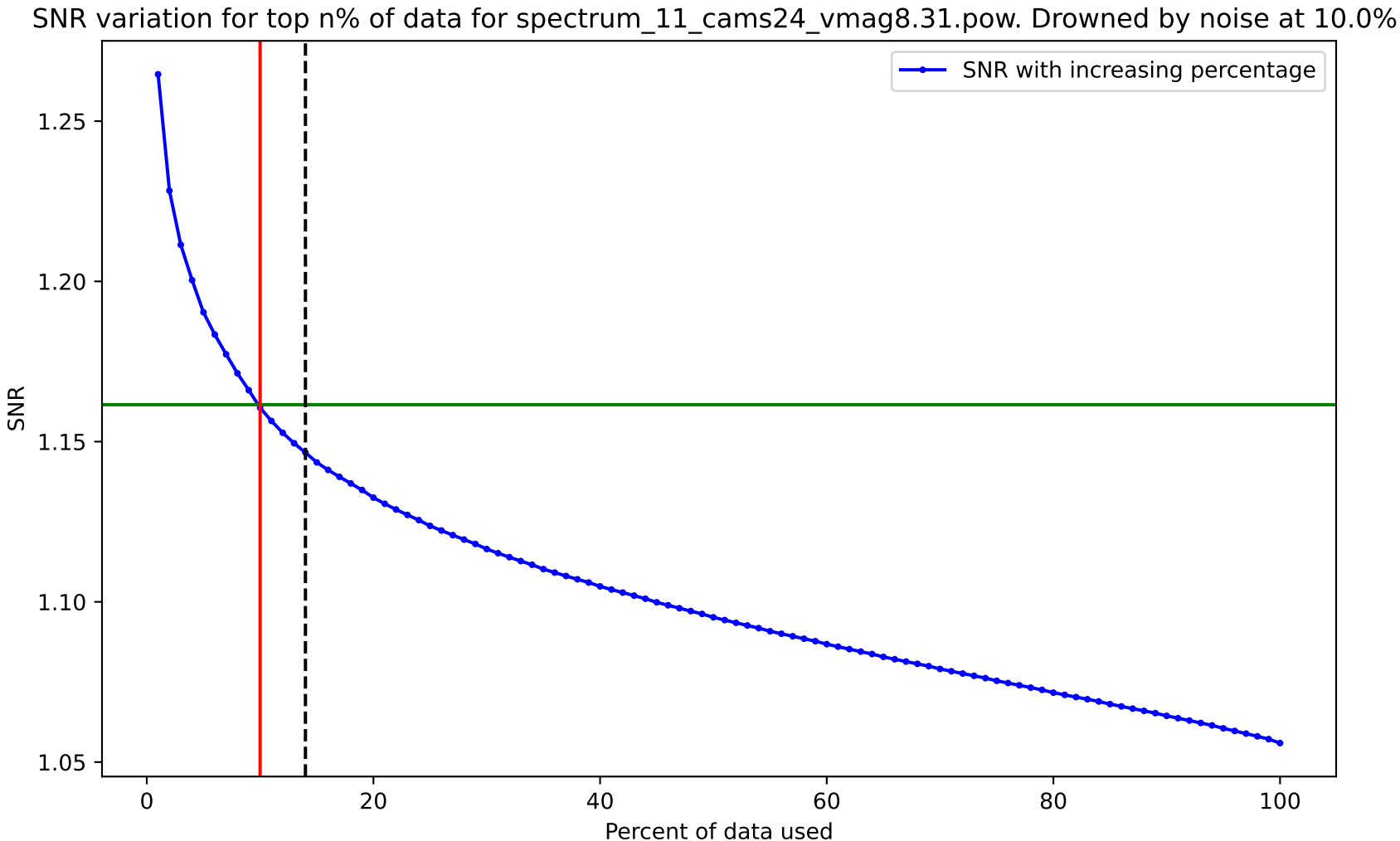

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
6000
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

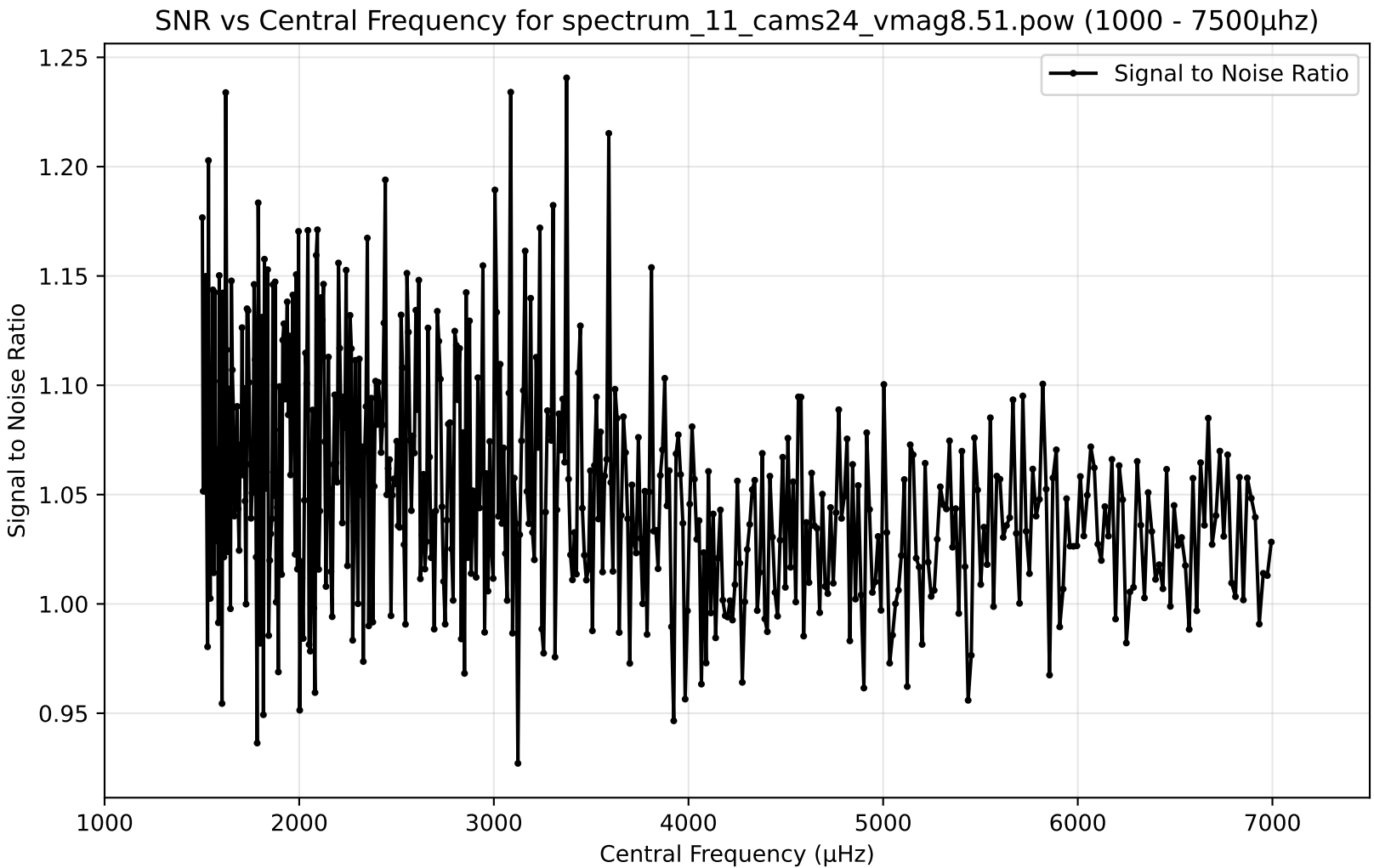

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3322.635μhz ± 235.945μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

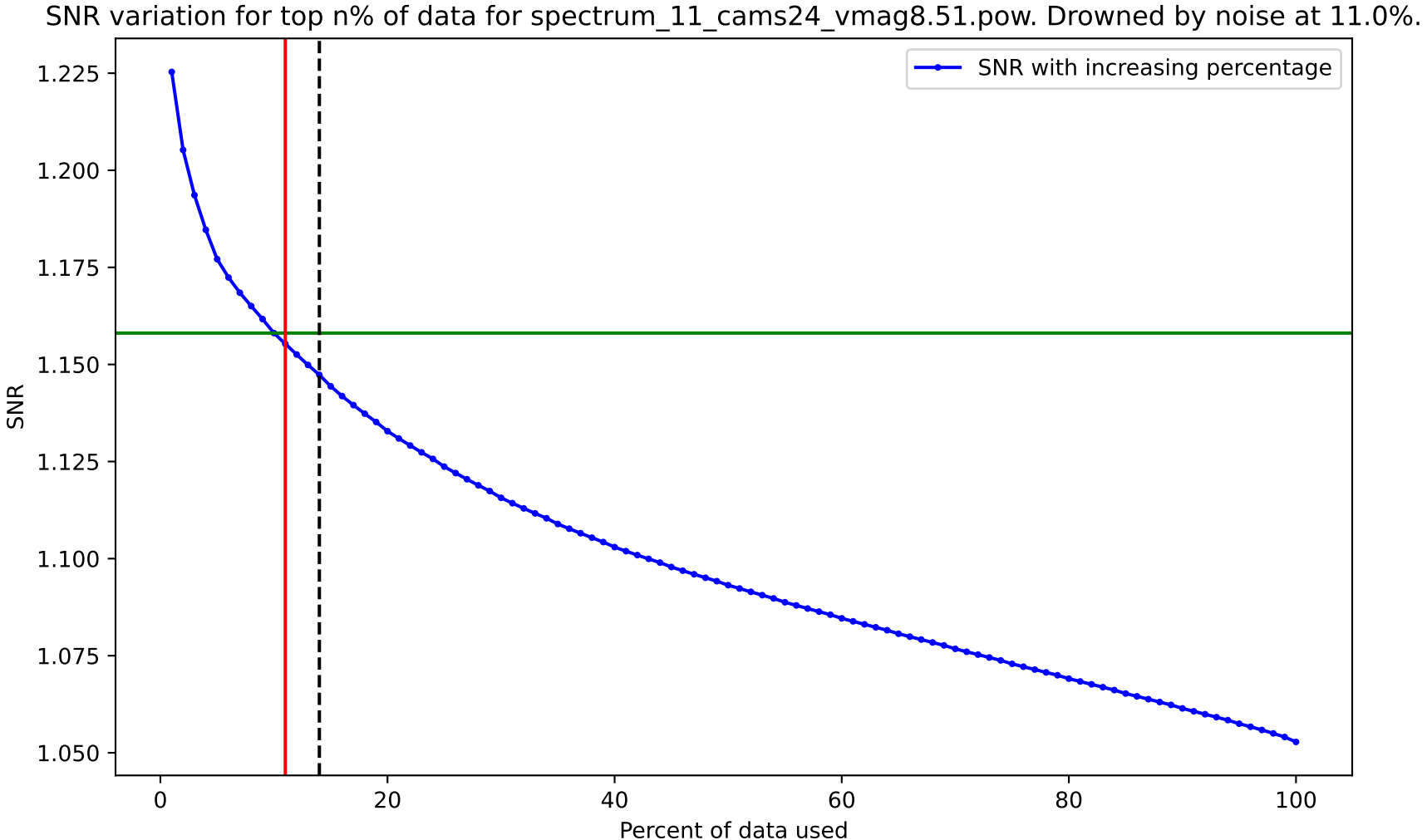

SNR vs Central Frequency for spectrum_11_cams24_vmag8.30.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

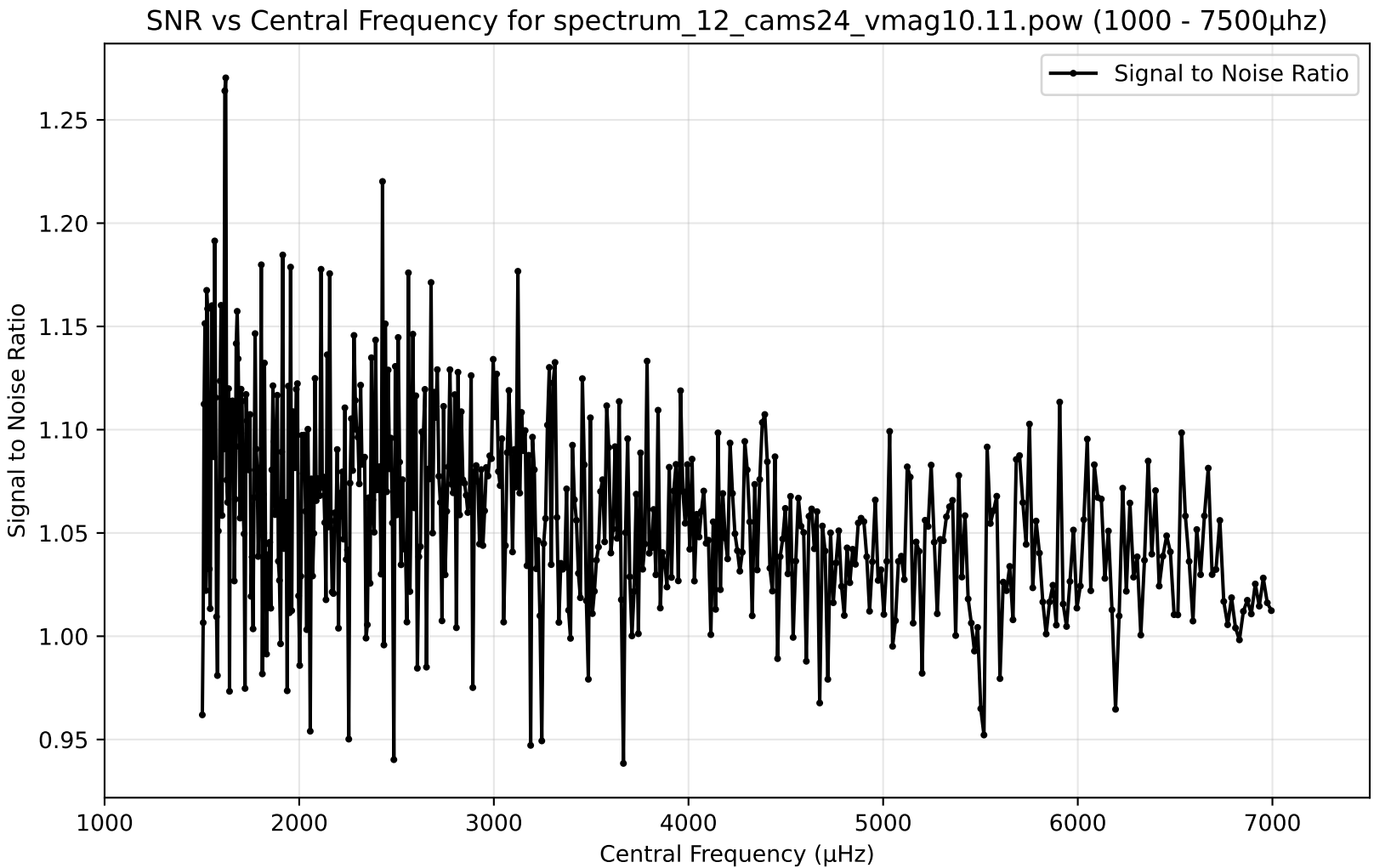

SNR variation for top n% of data for spectrum_11_cams24_vmag8.30.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

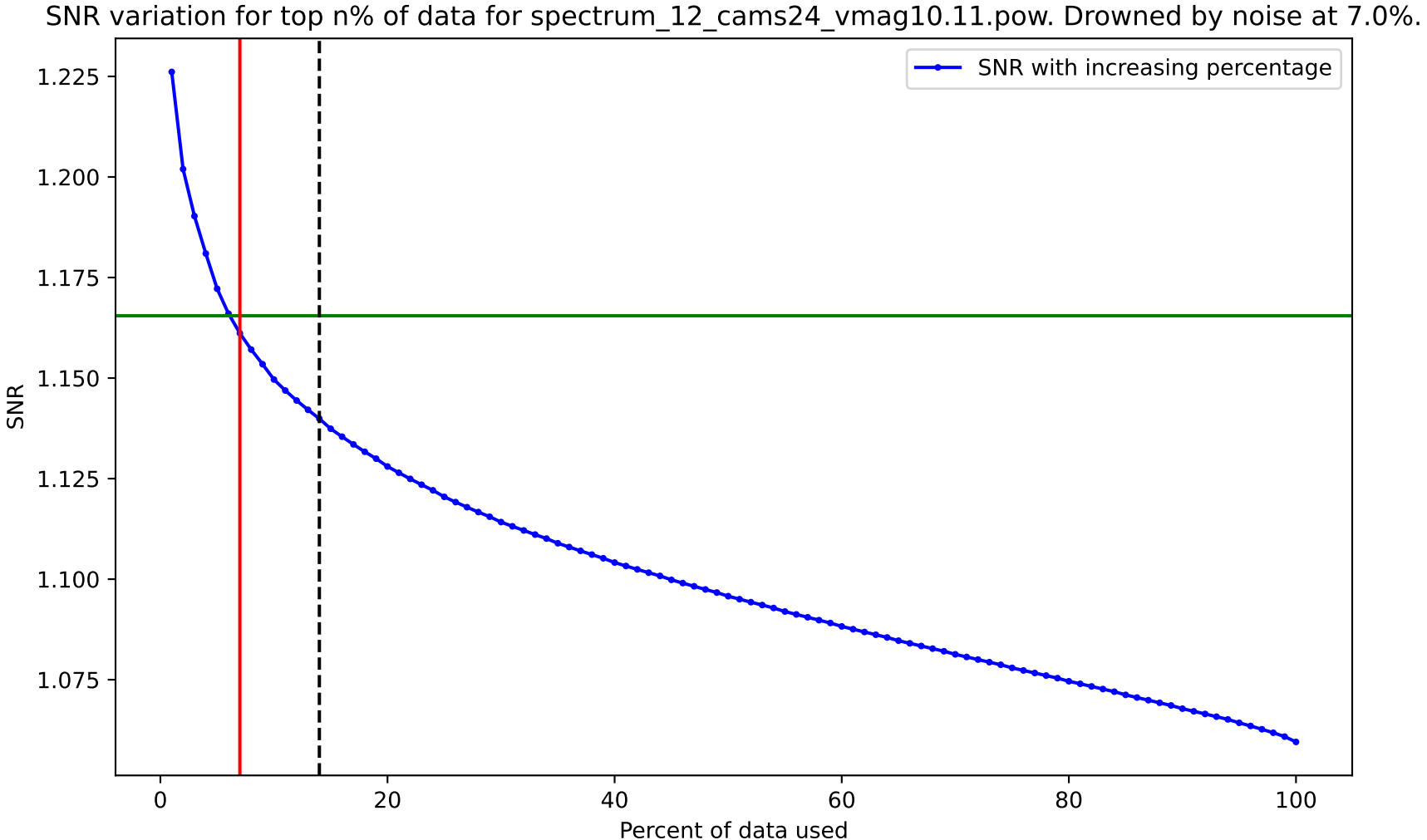

SNR vs Central Frequency for spectrum_11_cams24_vmag8.31.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

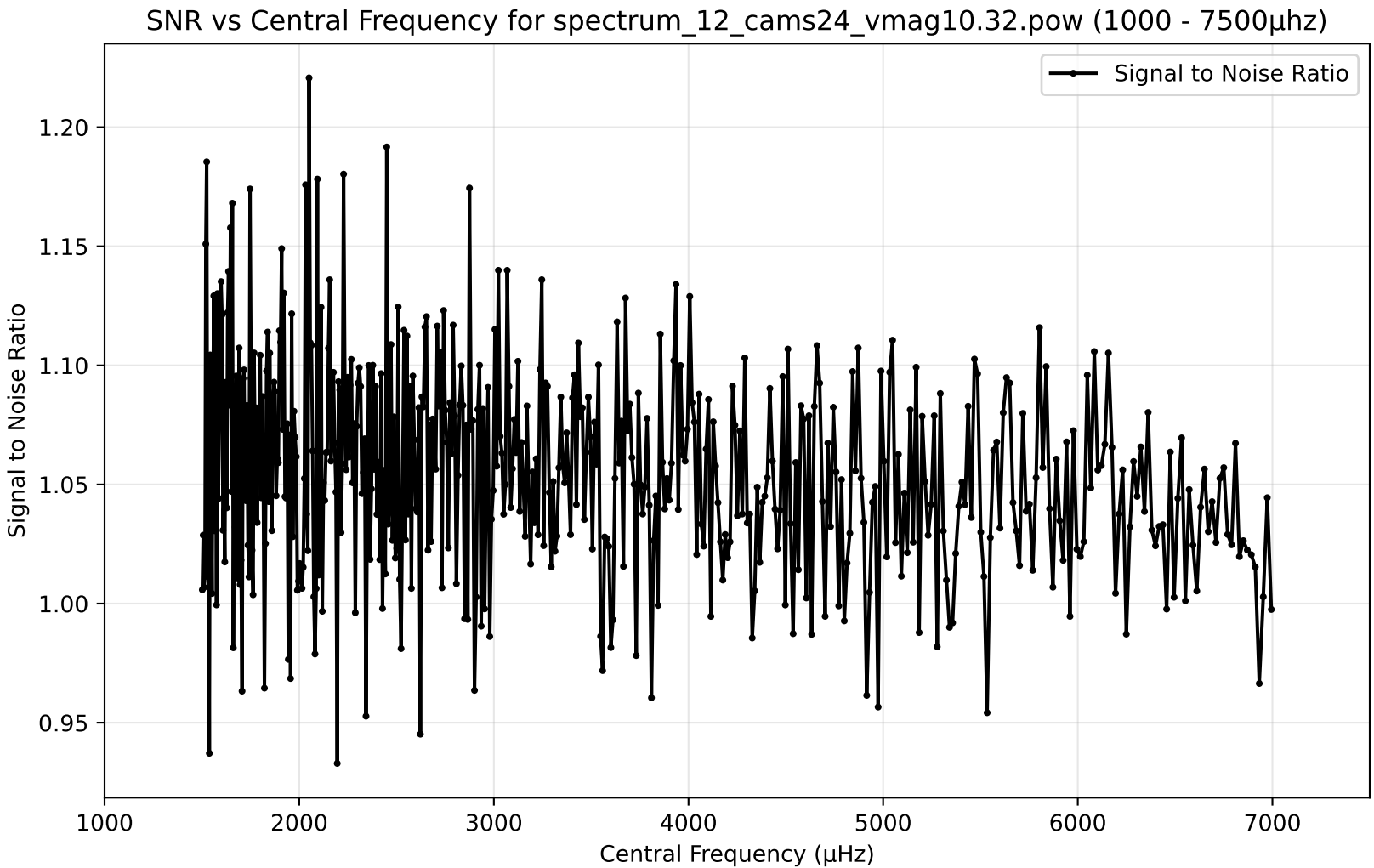

SNR variation for top n% of data for spectrum_11_cams24_vmag8.31.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

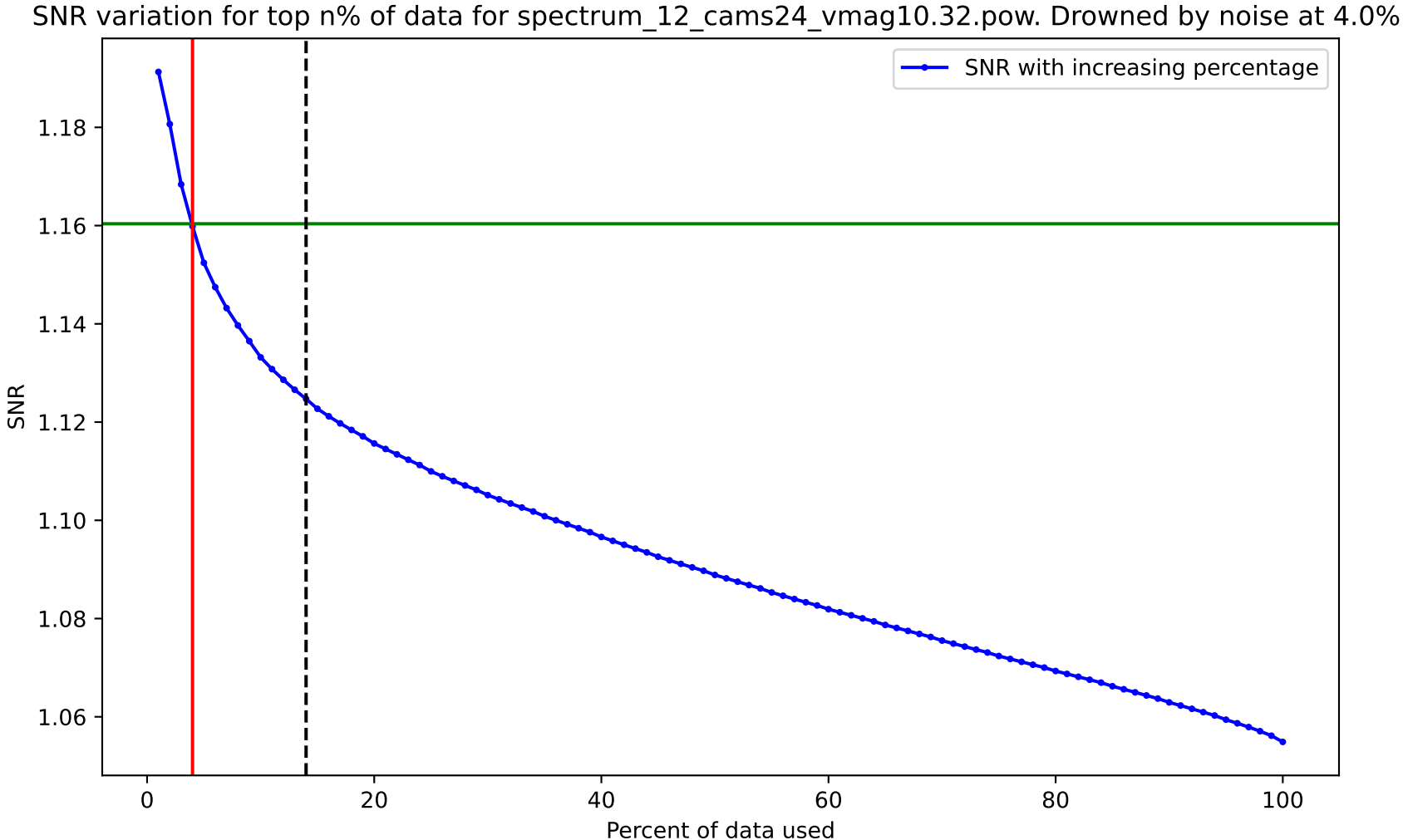

SNR vs Central Frequency for spectrum_11_cams24_vmag8.51.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

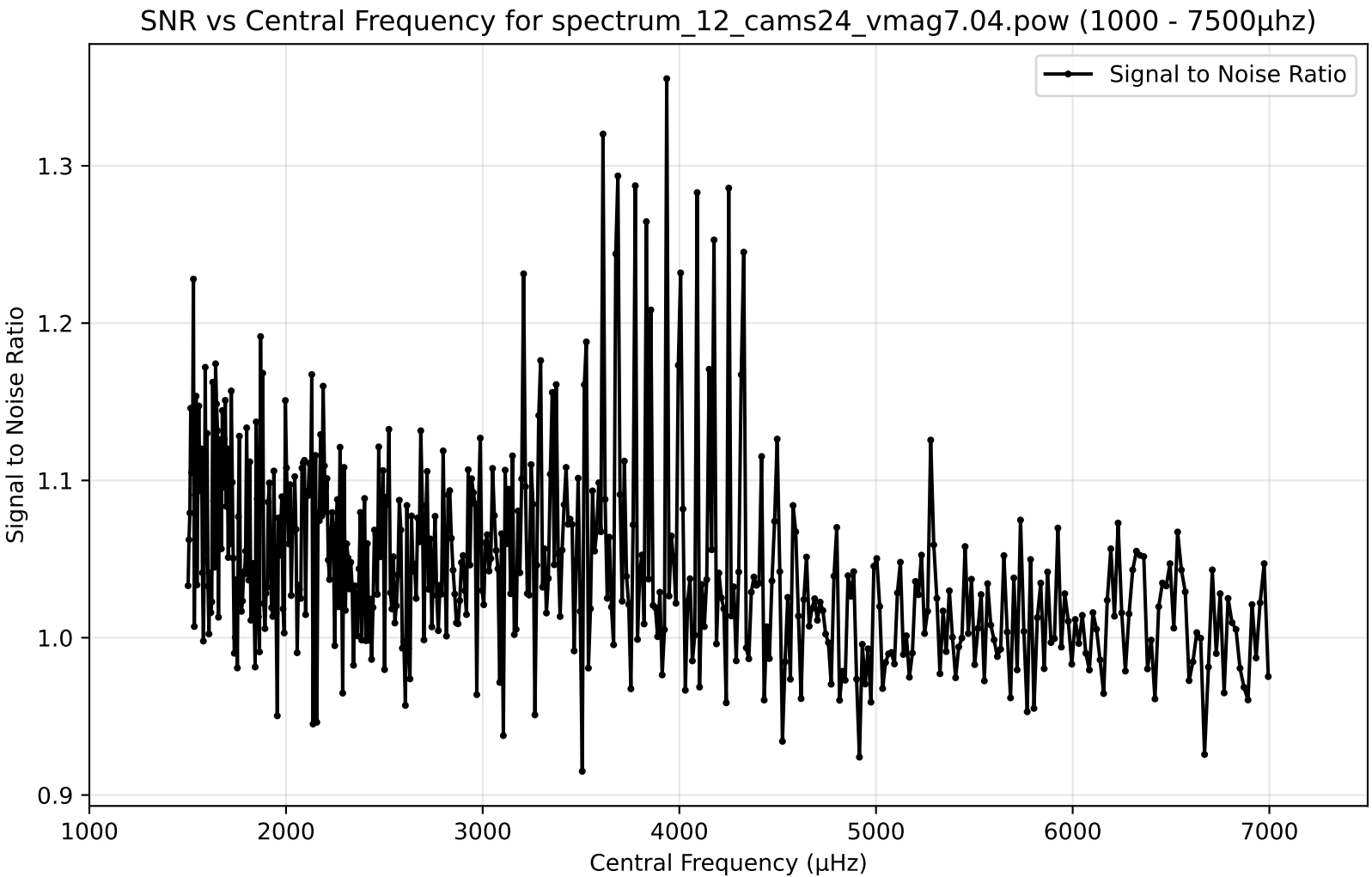

SNR variation for top n% of data for spectrum_11_cams24_vmag8.51.pow. Drowned by noise at 11.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

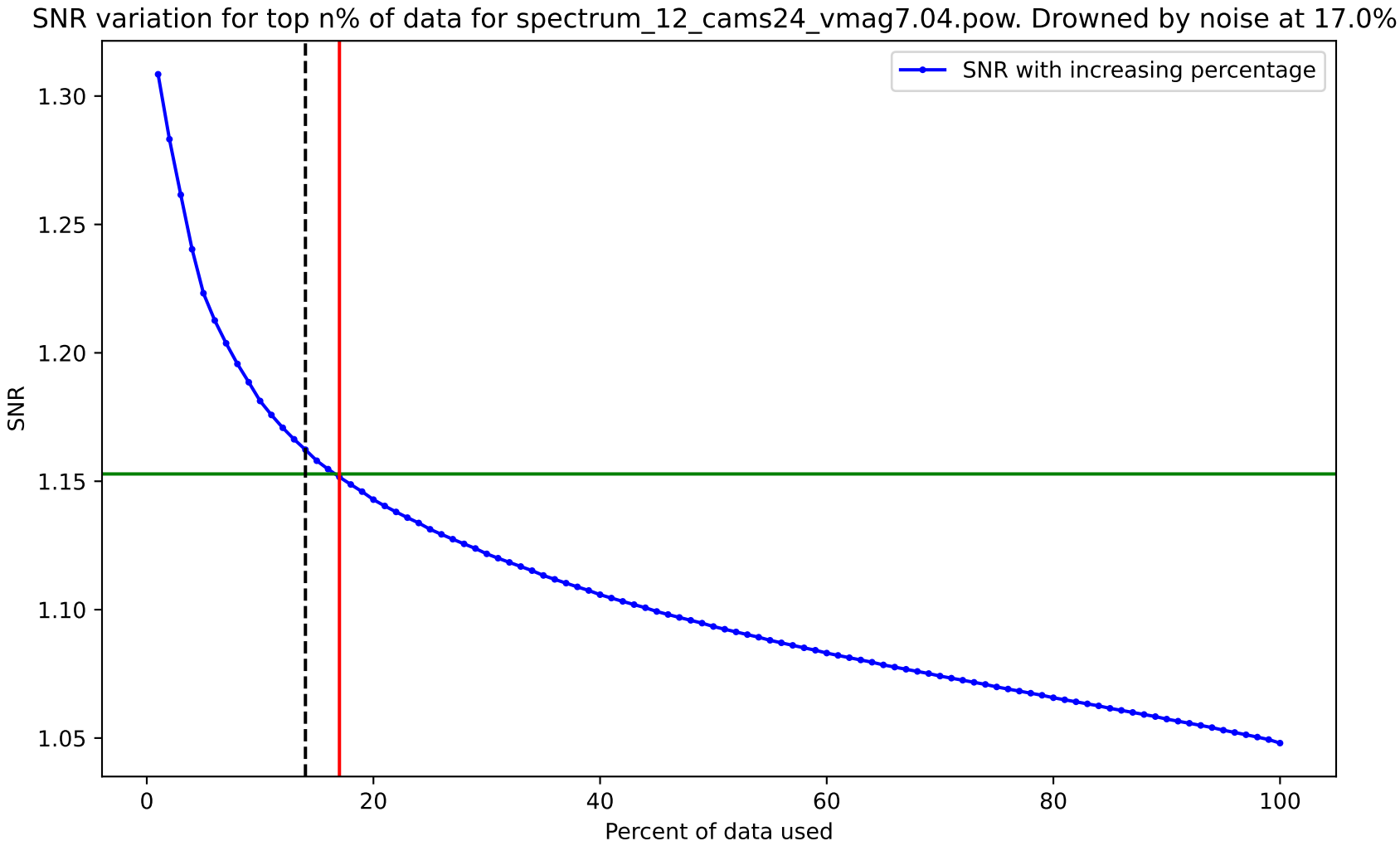

SNR vs Central Frequency for spectrum_12_cams24_vmag10.11.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

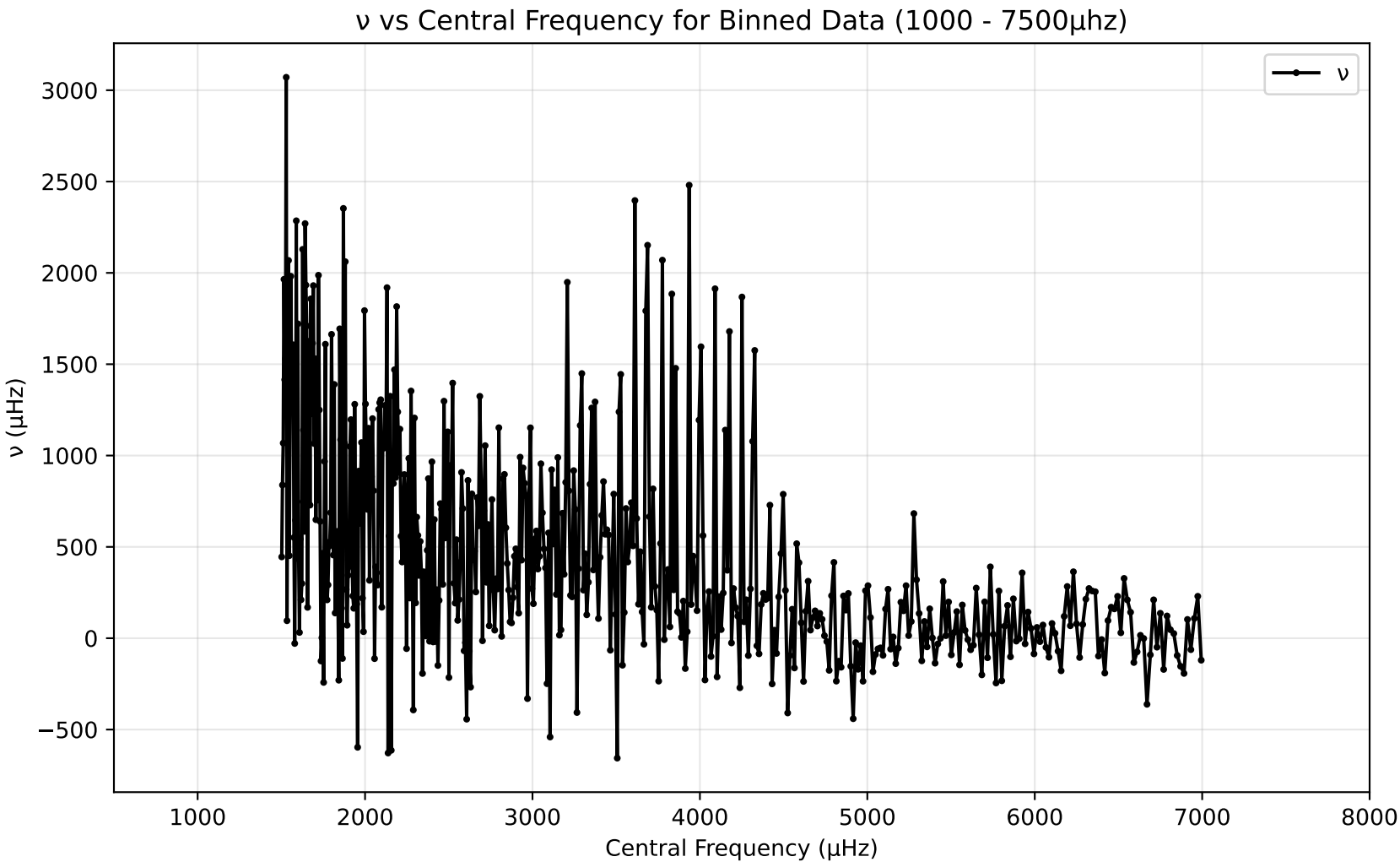

SNR variation for top n% of data for spectrum_12_cams24_vmag10.11.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

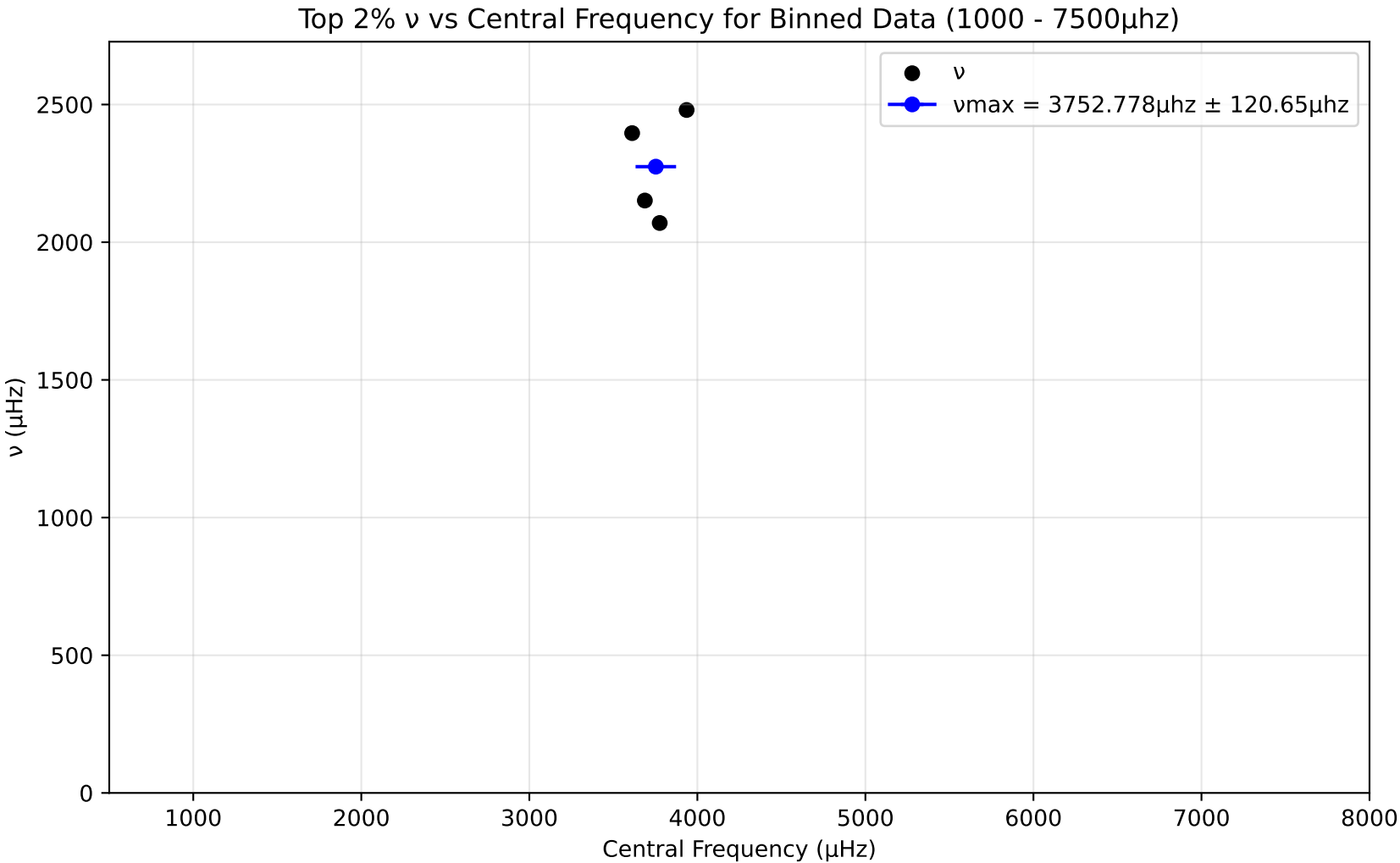

SNR vs Central Frequency for spectrum_12_cams24_vmag10.32.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

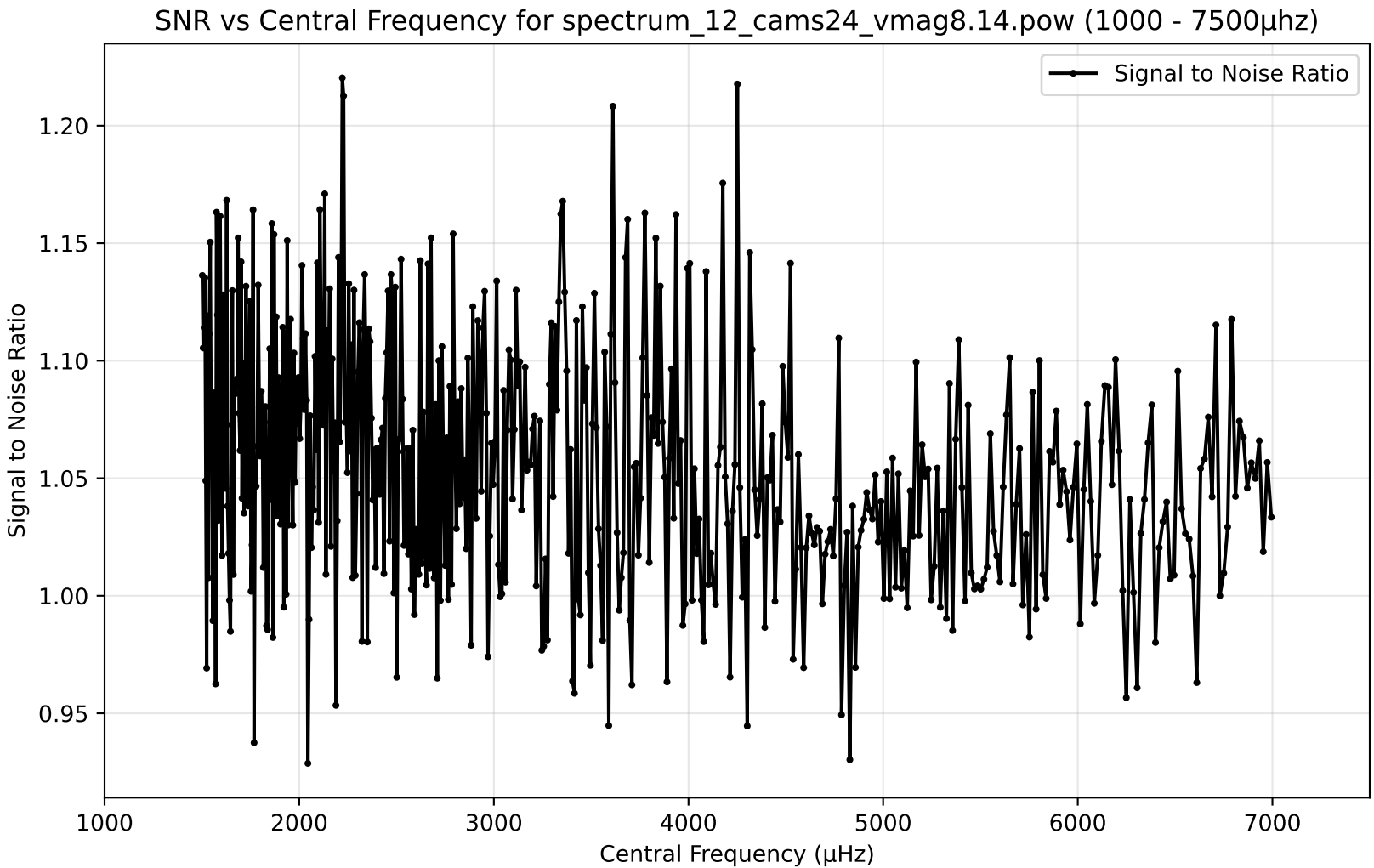

SNR variation for top n% of data for spectrum_12_cams24_vmag10.32.pow. Drowned by noise at 4.0%.
SNR with increasing percentage
SNR
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

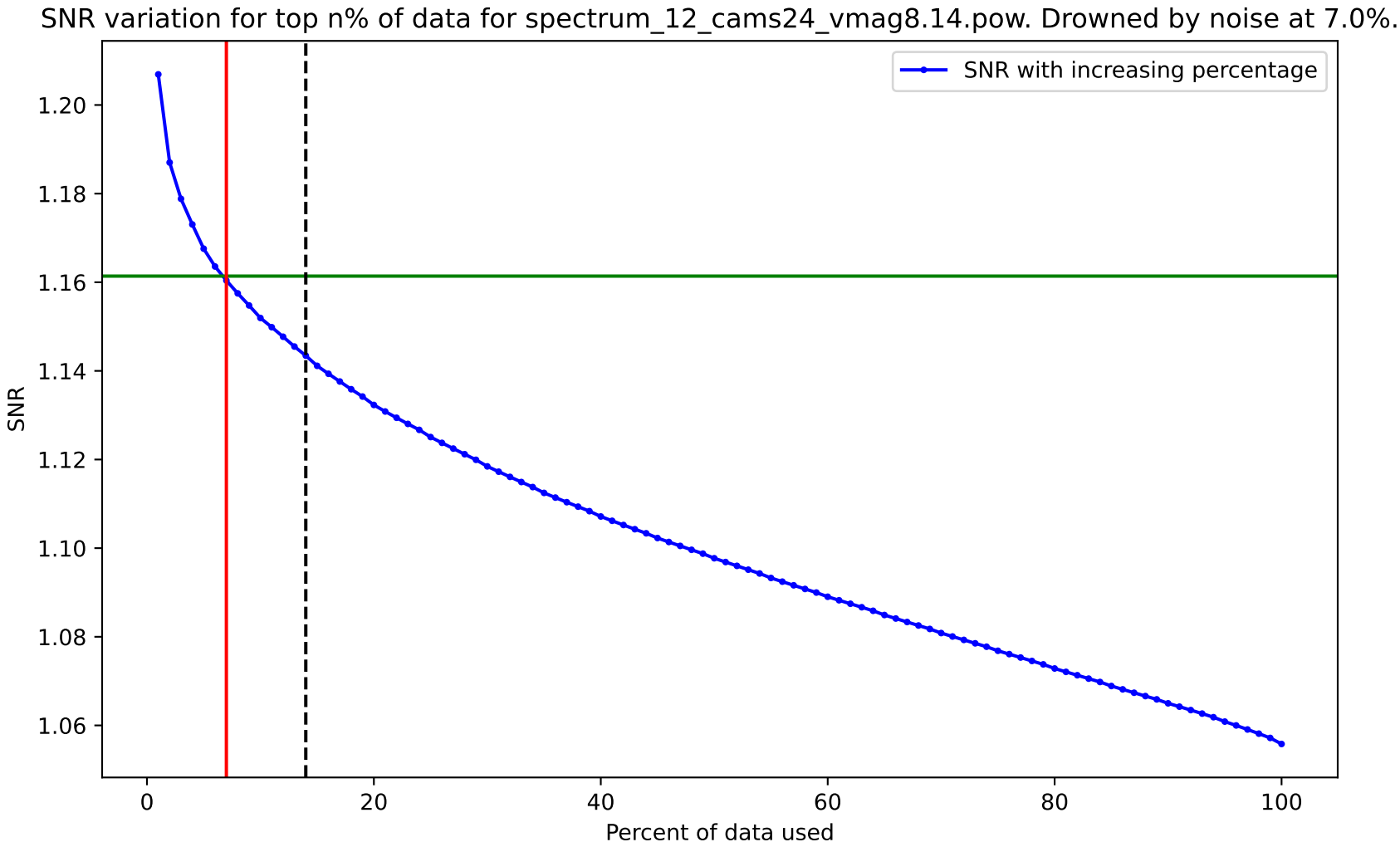

SNR vs Central Frequency for spectrum_12_cams24_vmag7.04.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
0.9
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000

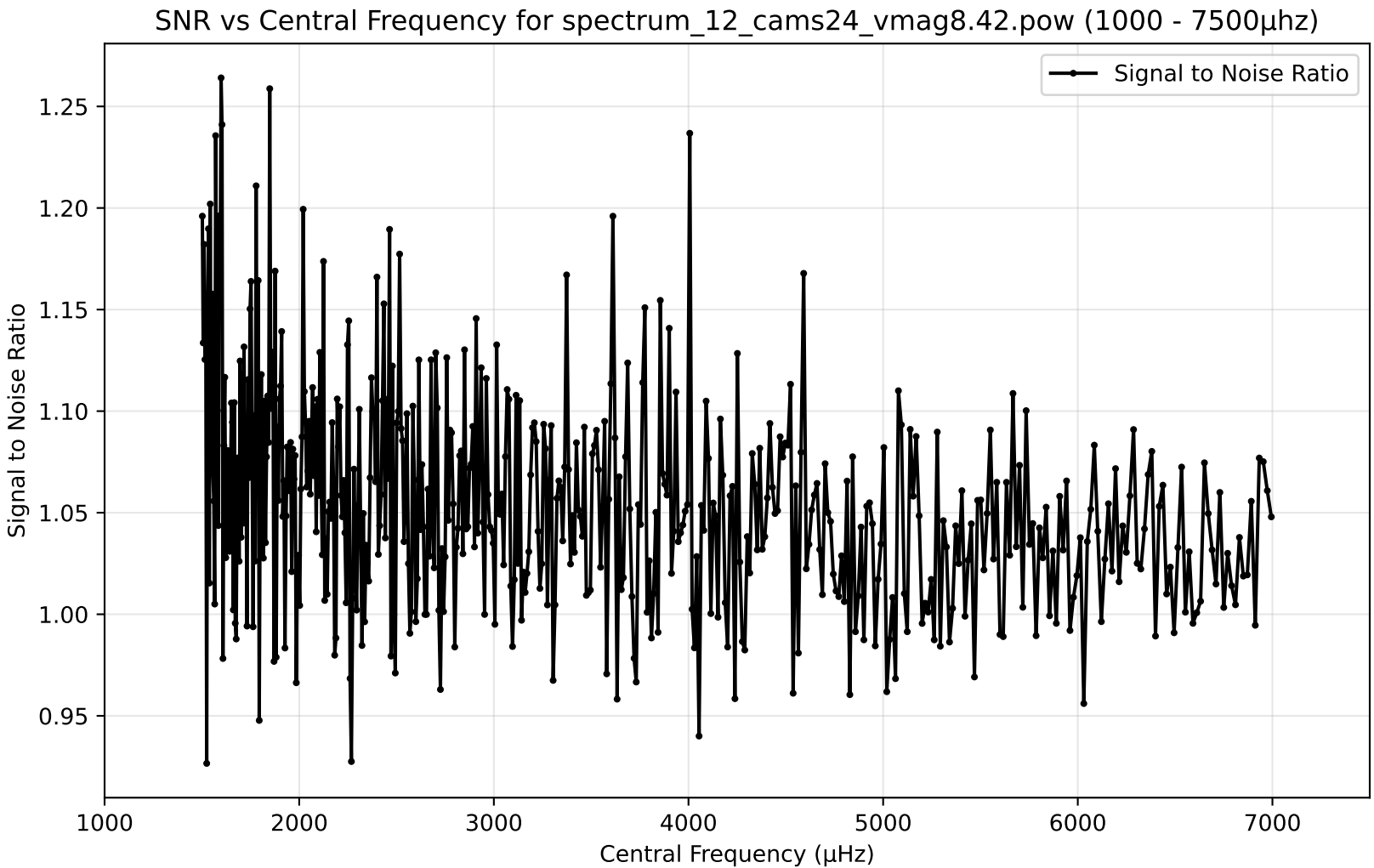

SNR variation for top n% of data for spectrum_12_cams24_vmag7.04.pow. Drowned by noise at 17.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

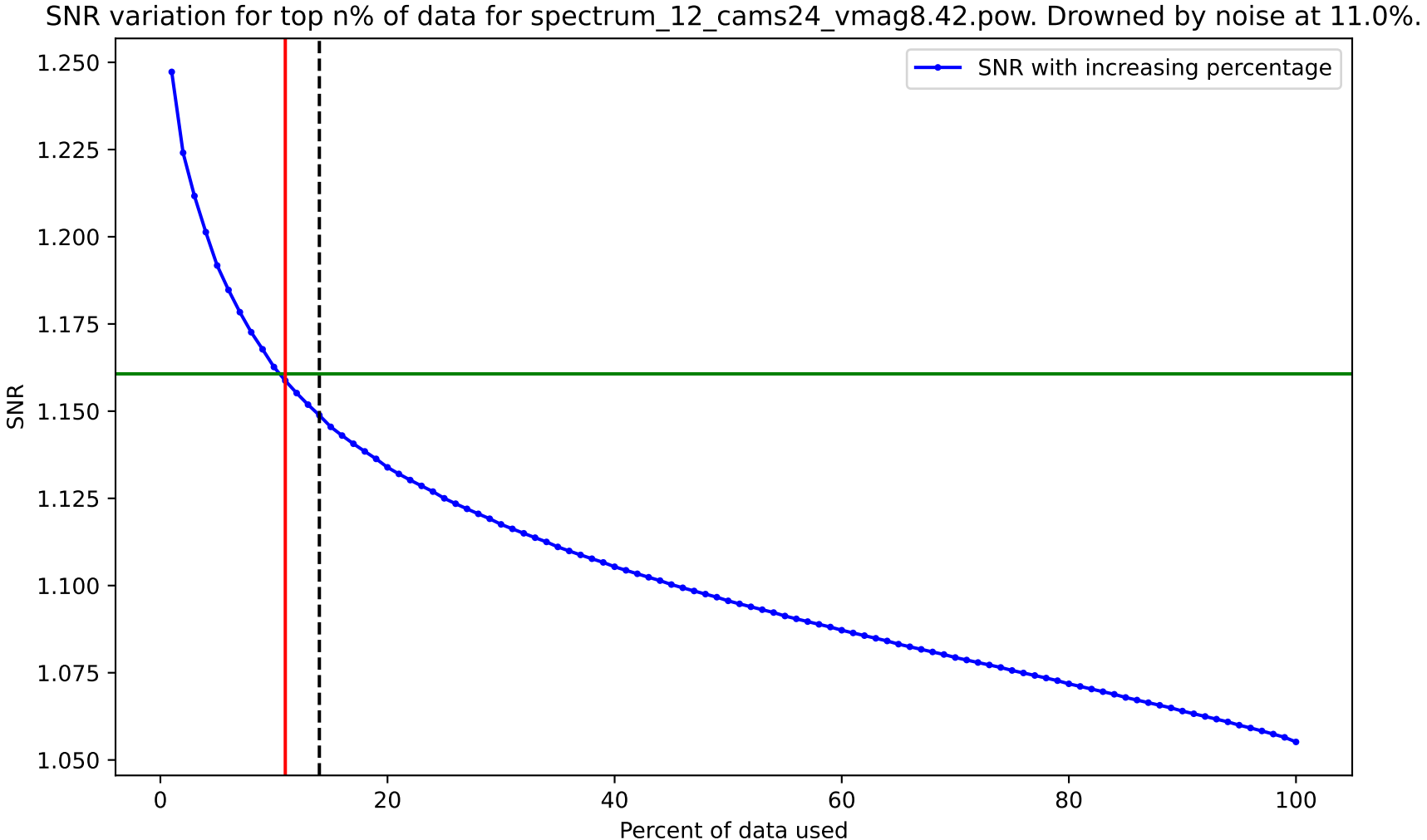

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
3000
2500
2000
1500
1000
500
0
−500
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

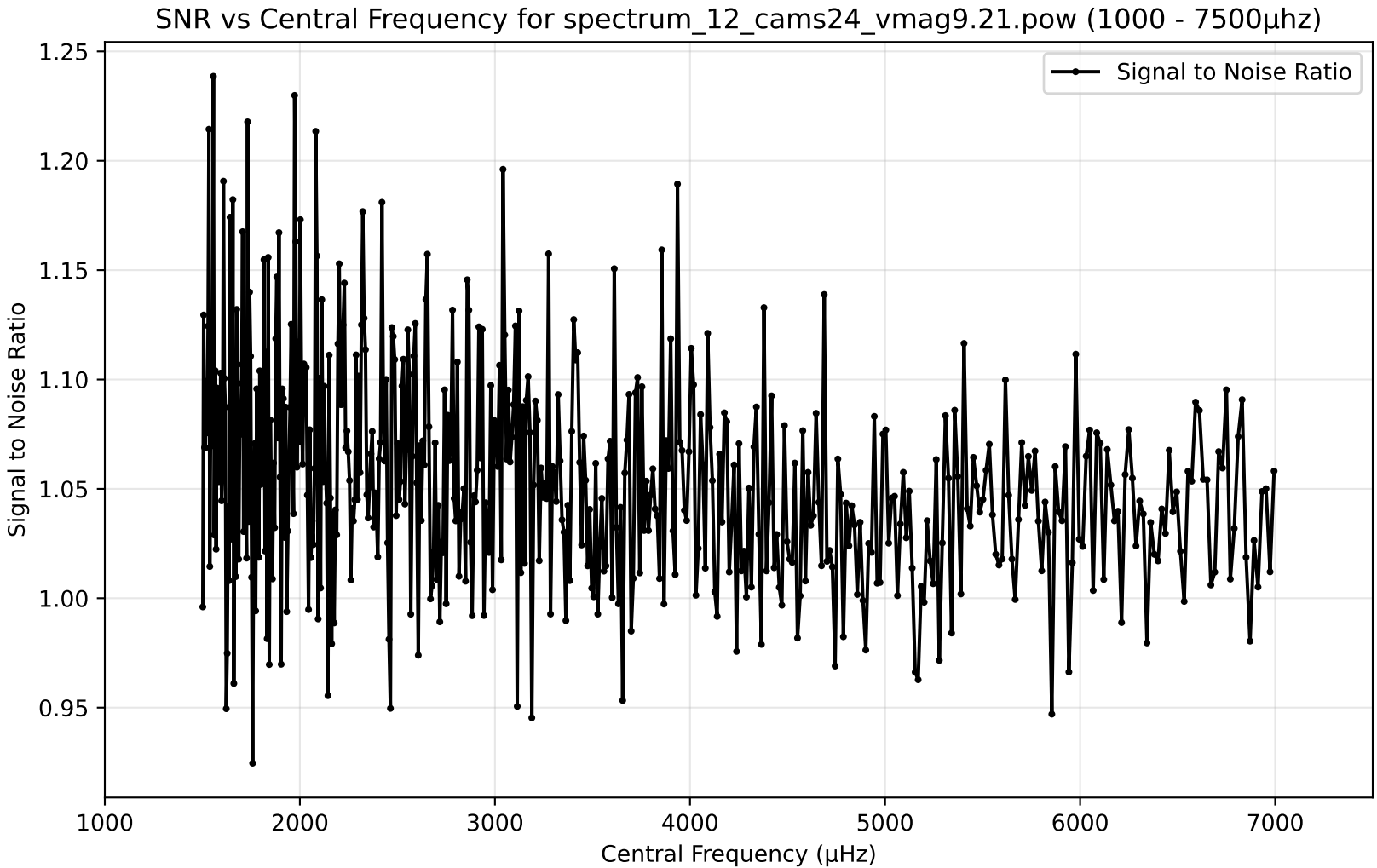

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3752.778μhz ± 120.65μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
1000
2000
3000
4000
5000
6000
7000
8000

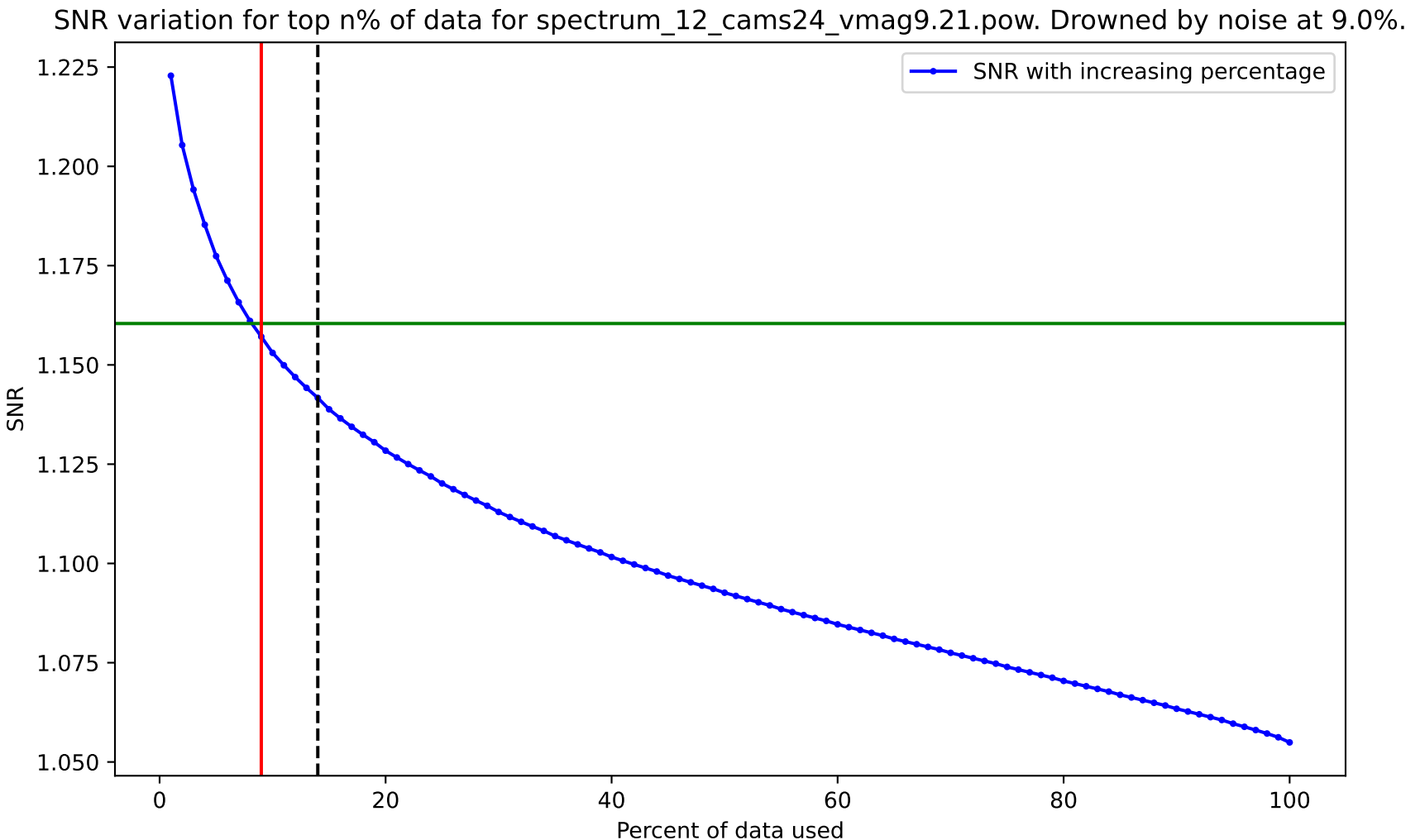

SNR vs Central Frequency for spectrum_12_cams24_vmag8.14.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

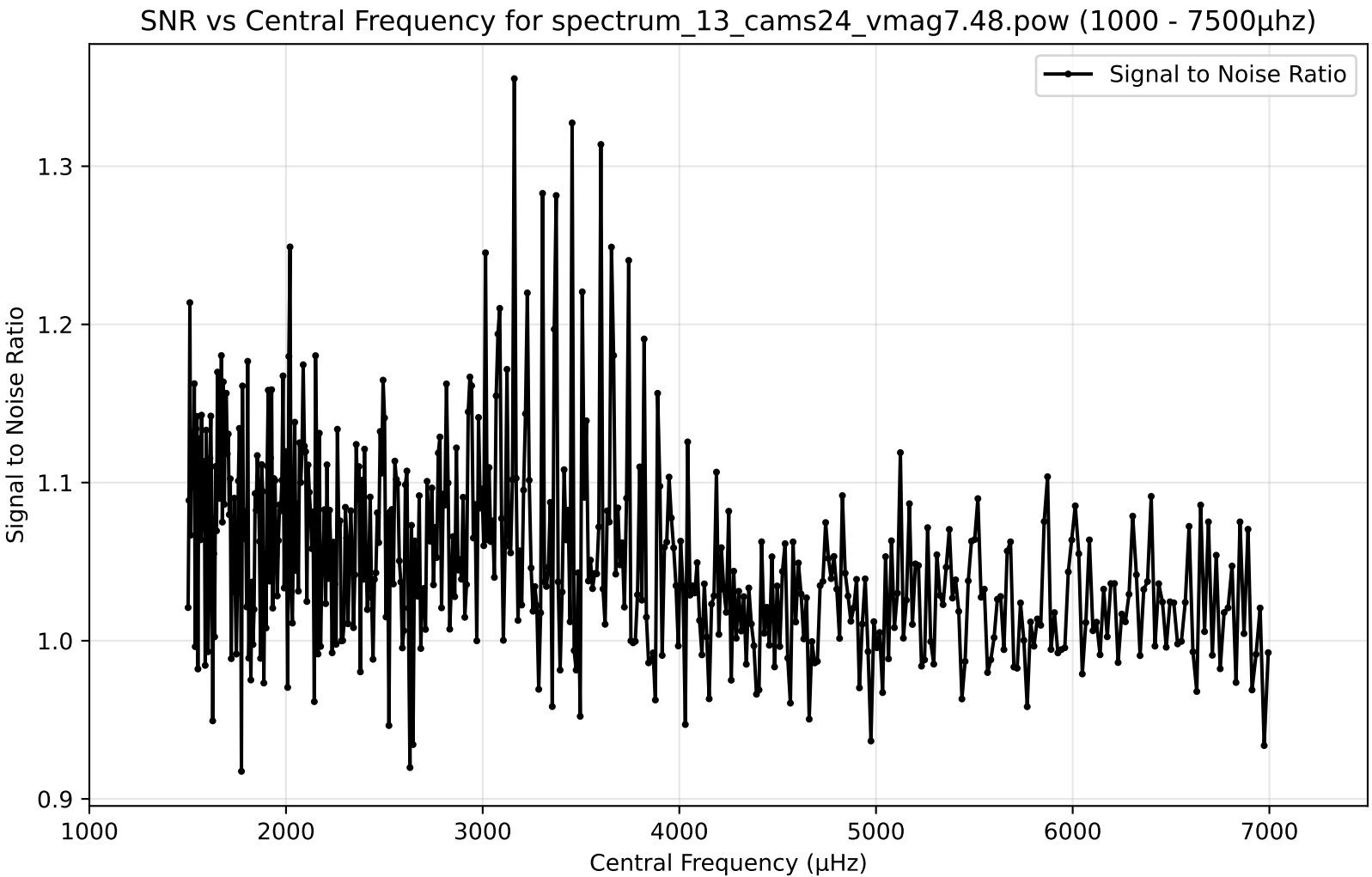

SNR variation for top n% of data for spectrum_12_cams24_vmag8.14.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

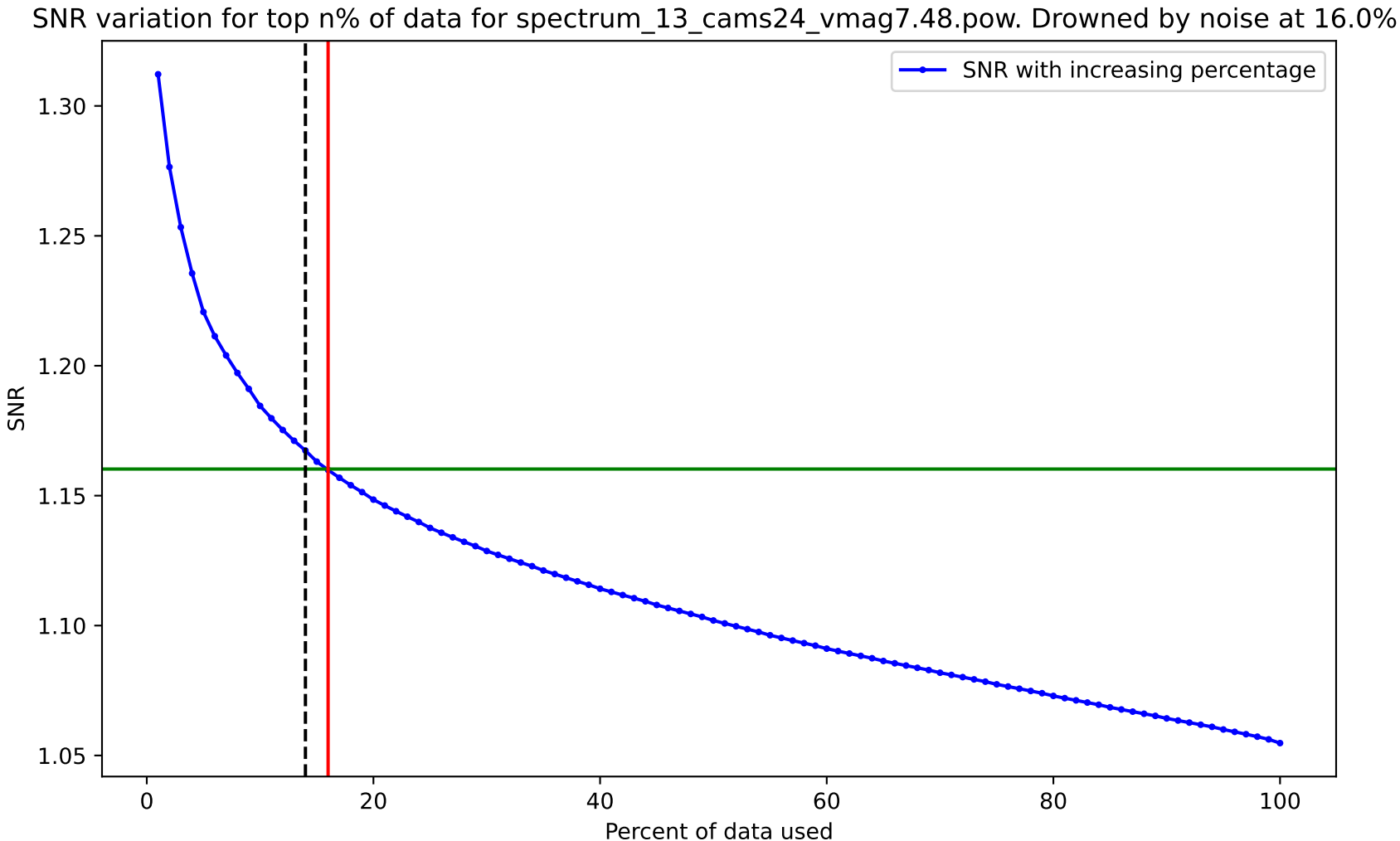

SNR vs Central Frequency for spectrum_12_cams24_vmag8.42.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

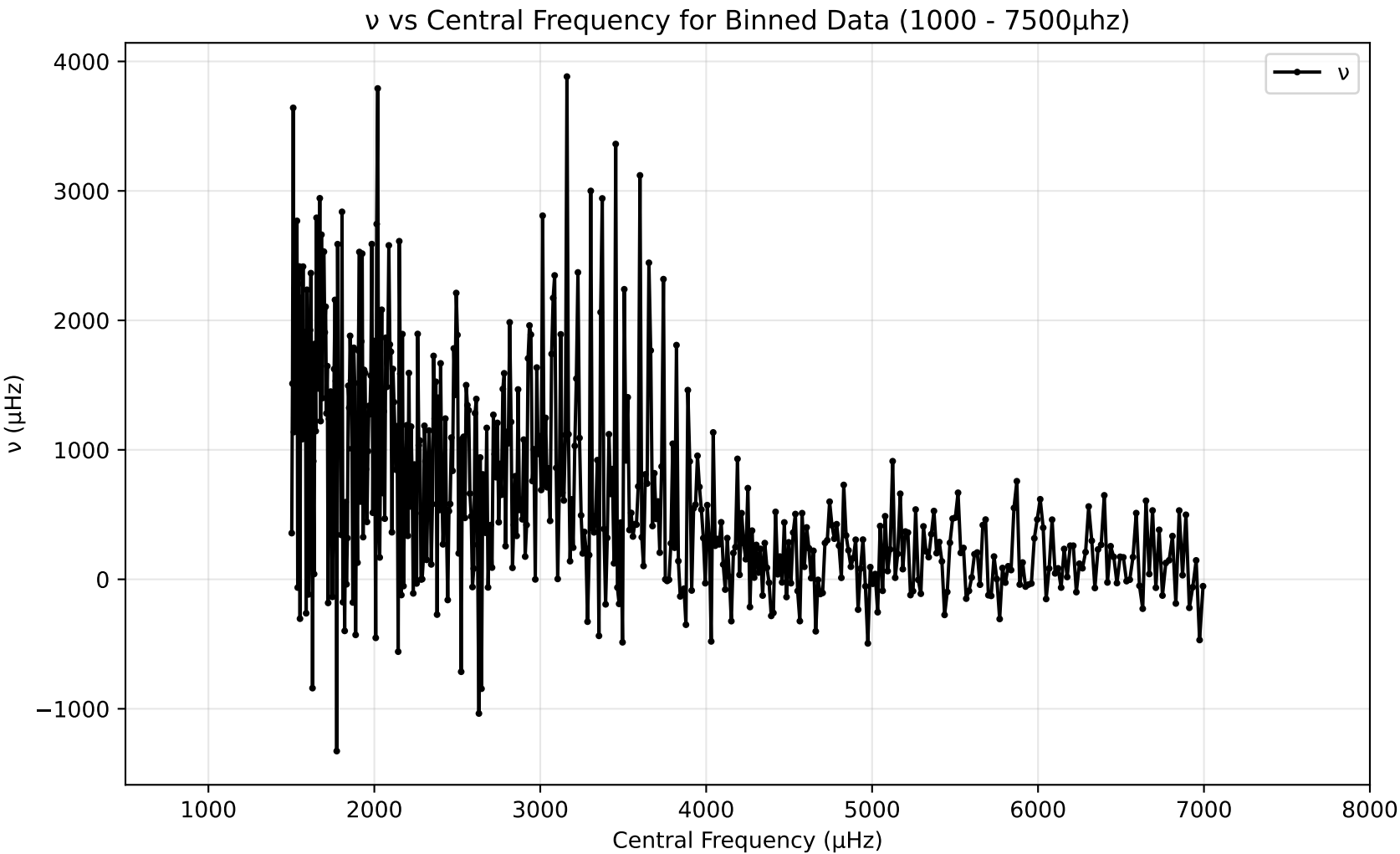

SNR variation for top n% of data for spectrum_12_cams24_vmag8.42.pow. Drowned by noise at 11.0%.
SNR with increasing percentage
SNR
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

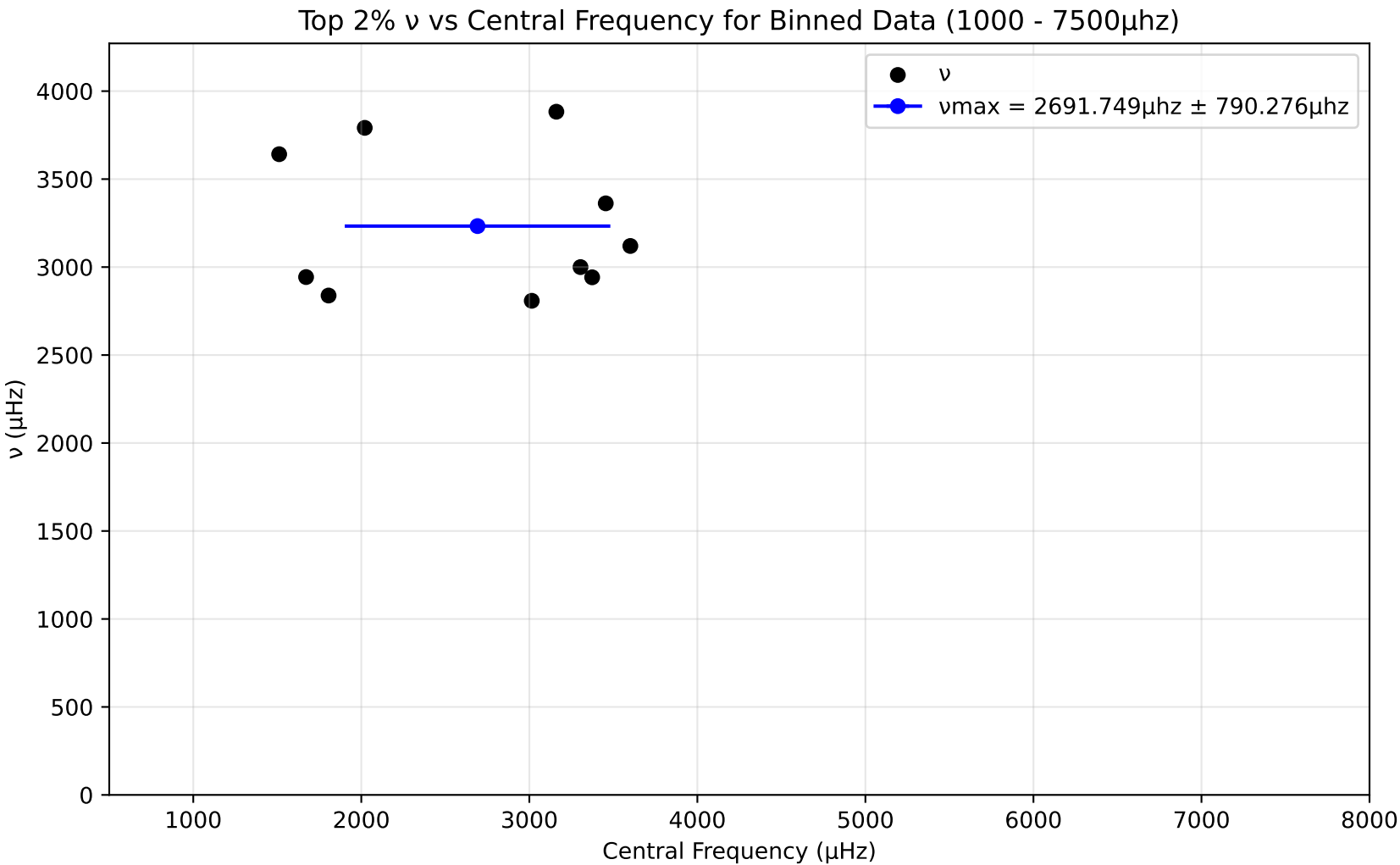

SNR vs Central Frequency for spectrum_12_cams24_vmag9.21.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

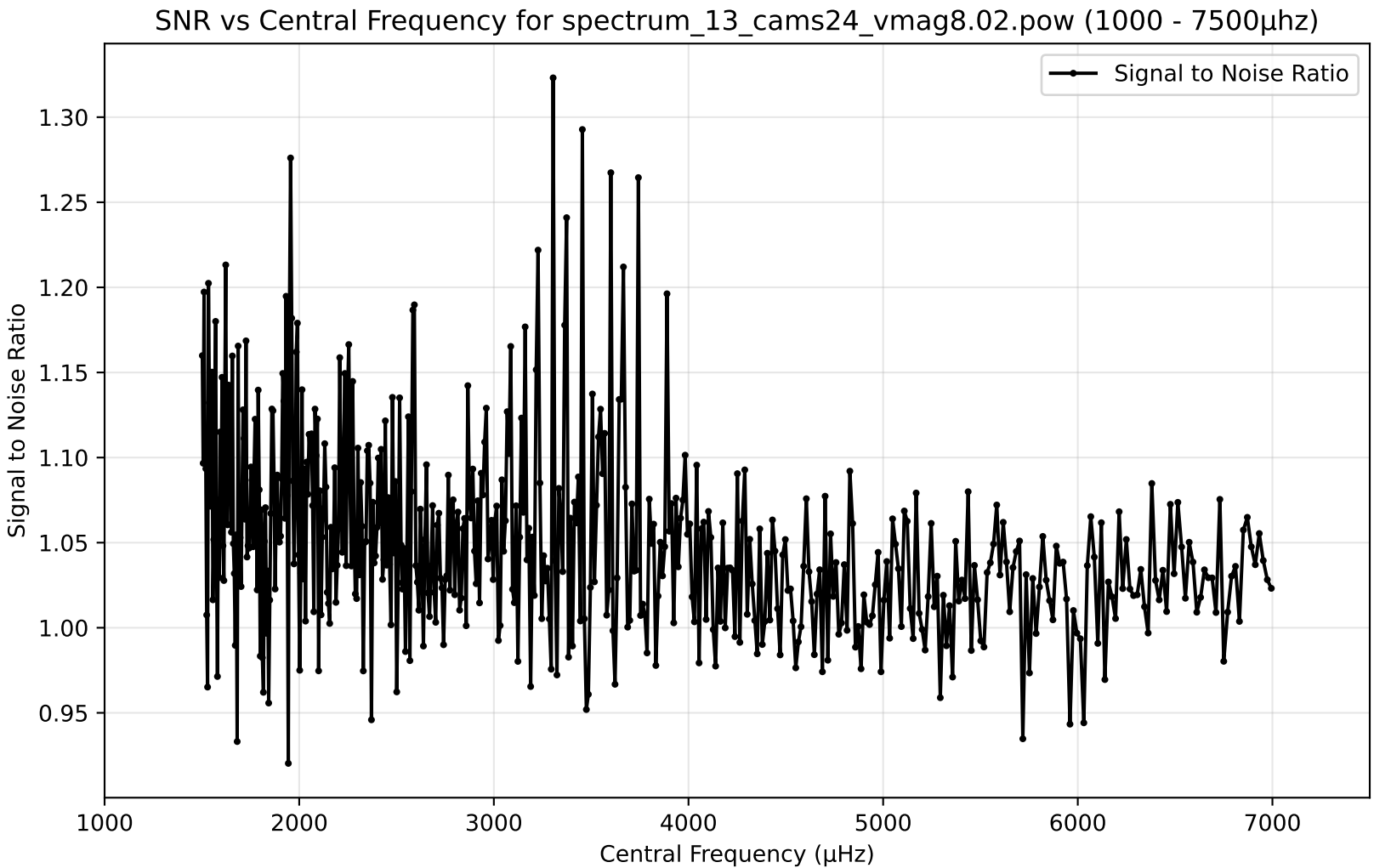

SNR variation for top n% of data for spectrum_12_cams24_vmag9.21.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

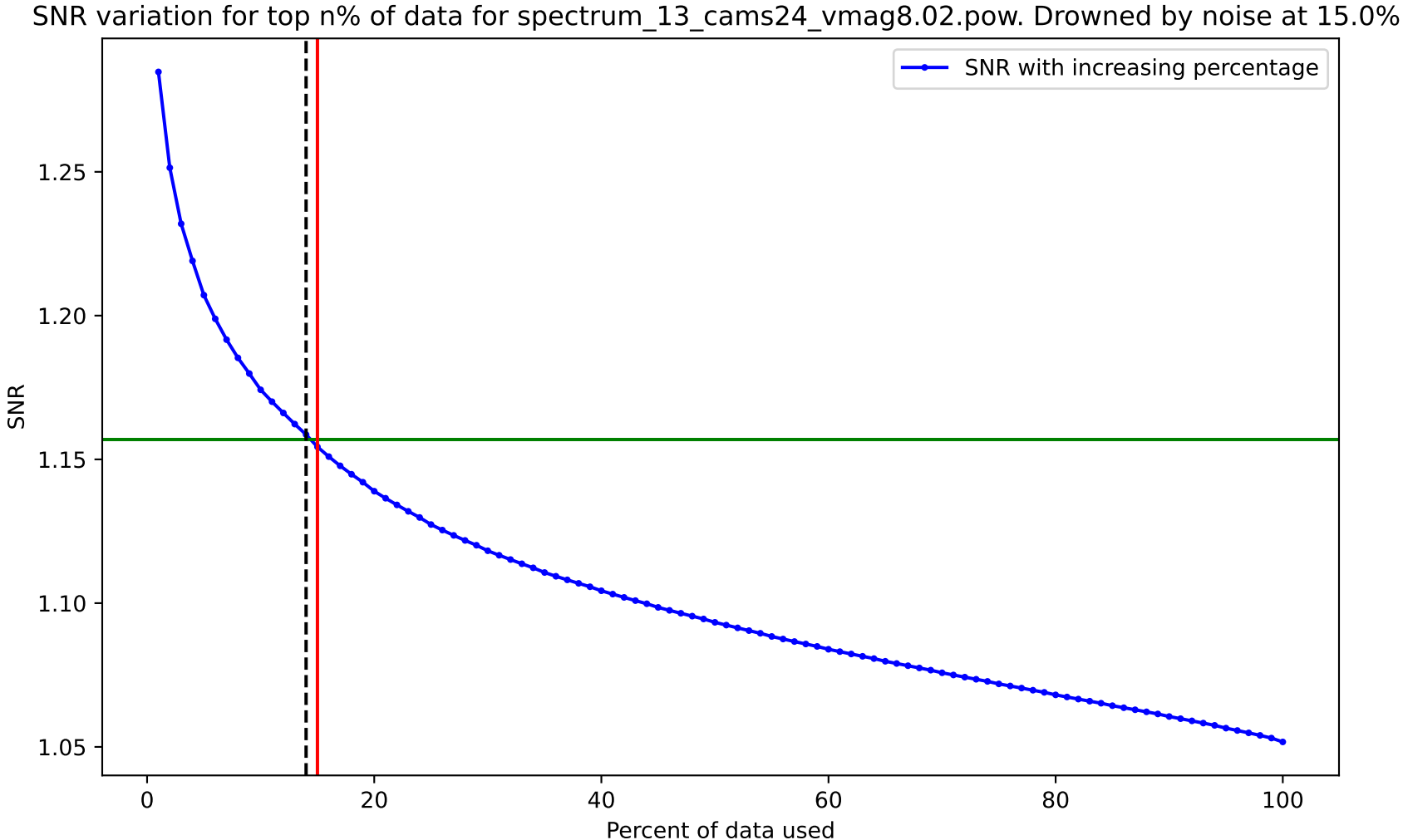

SNR vs Central Frequency for spectrum_13_cams24_vmag7.48.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
0.9
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000

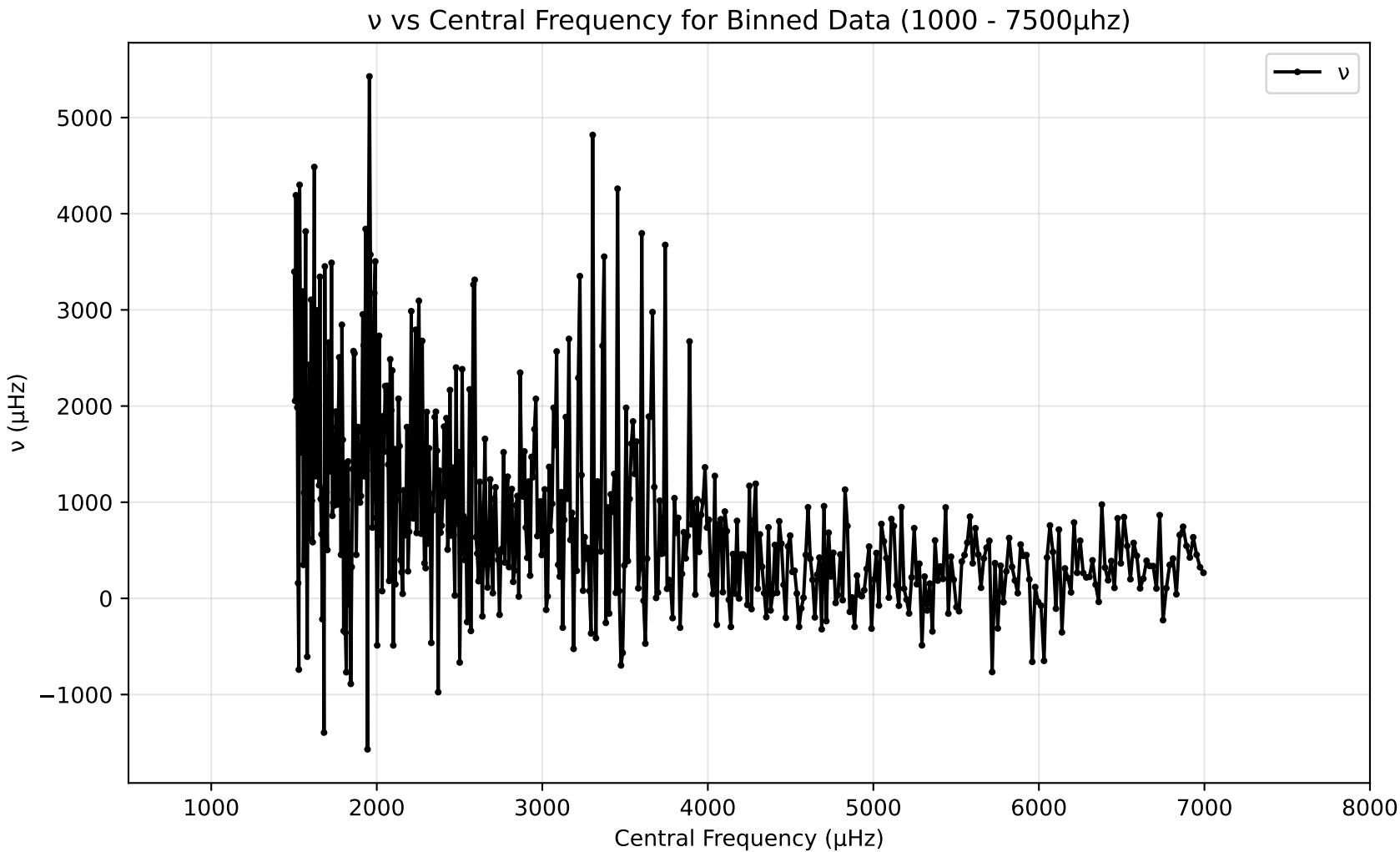

SNR variation for top n% of data for spectrum_13_cams24_vmag7.48.pow. Drowned by noise at 16.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

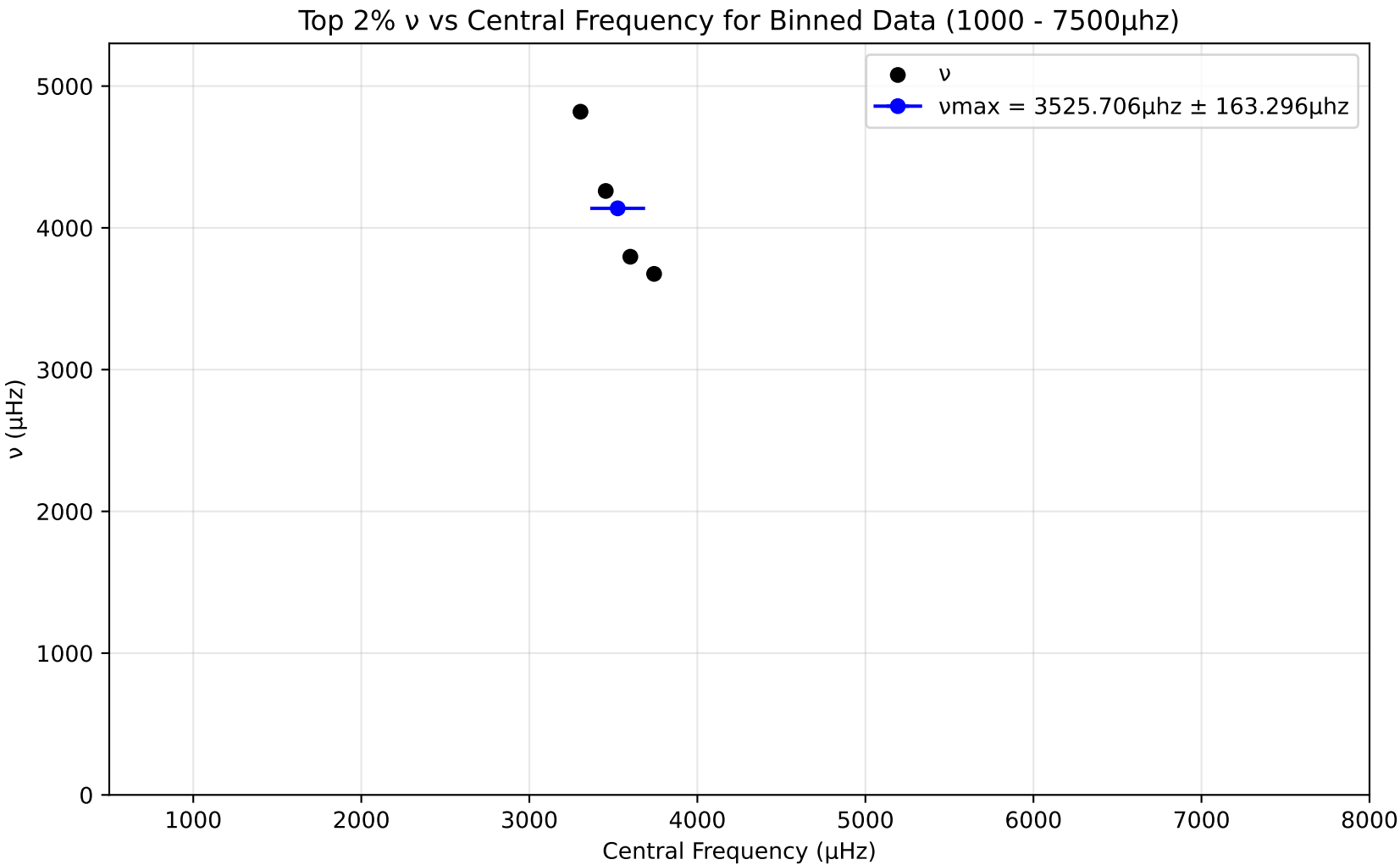

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

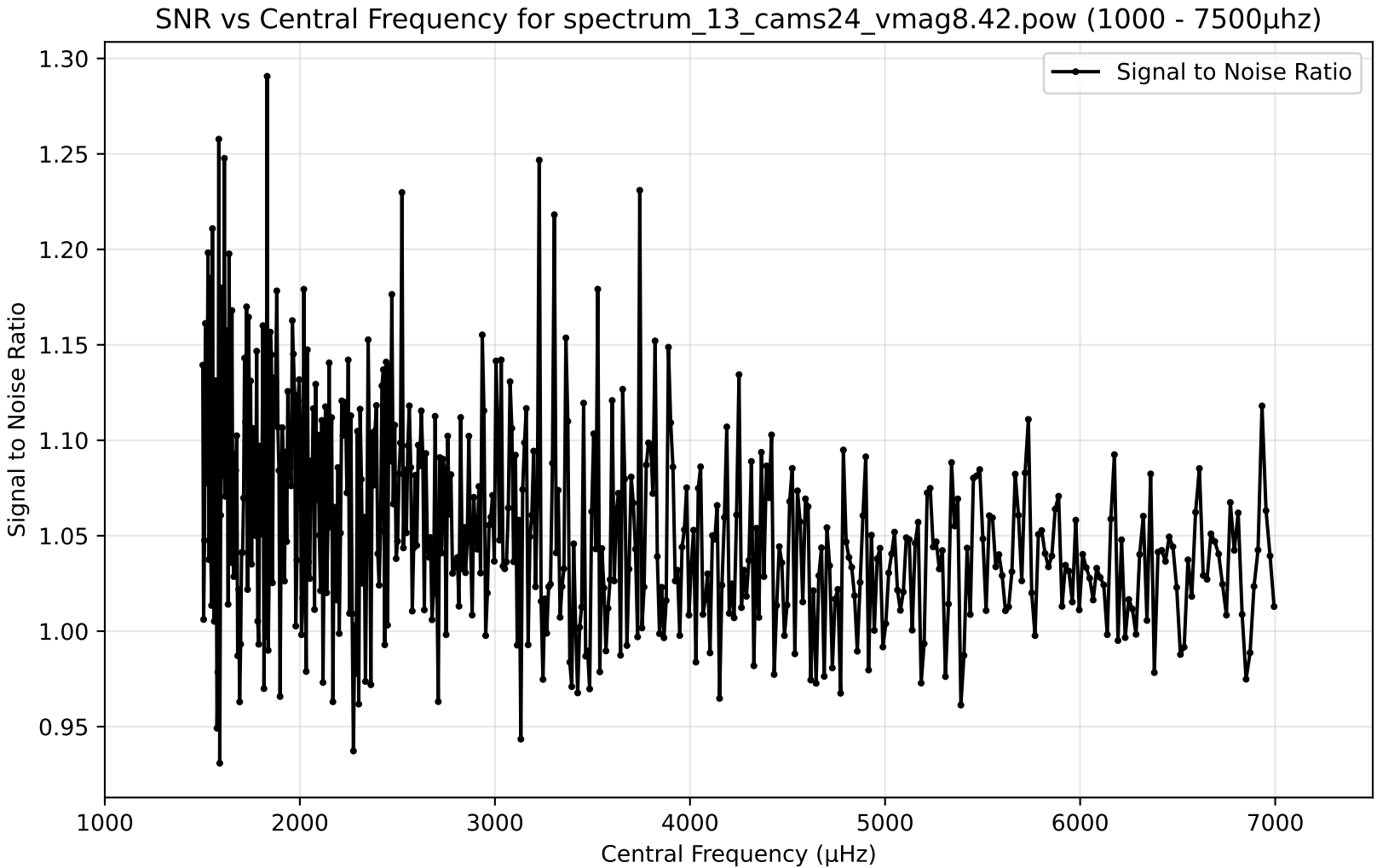

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2691.749μhz ± 790.276μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
4000
1000
2000
3000
4000
5000
6000
7000
8000

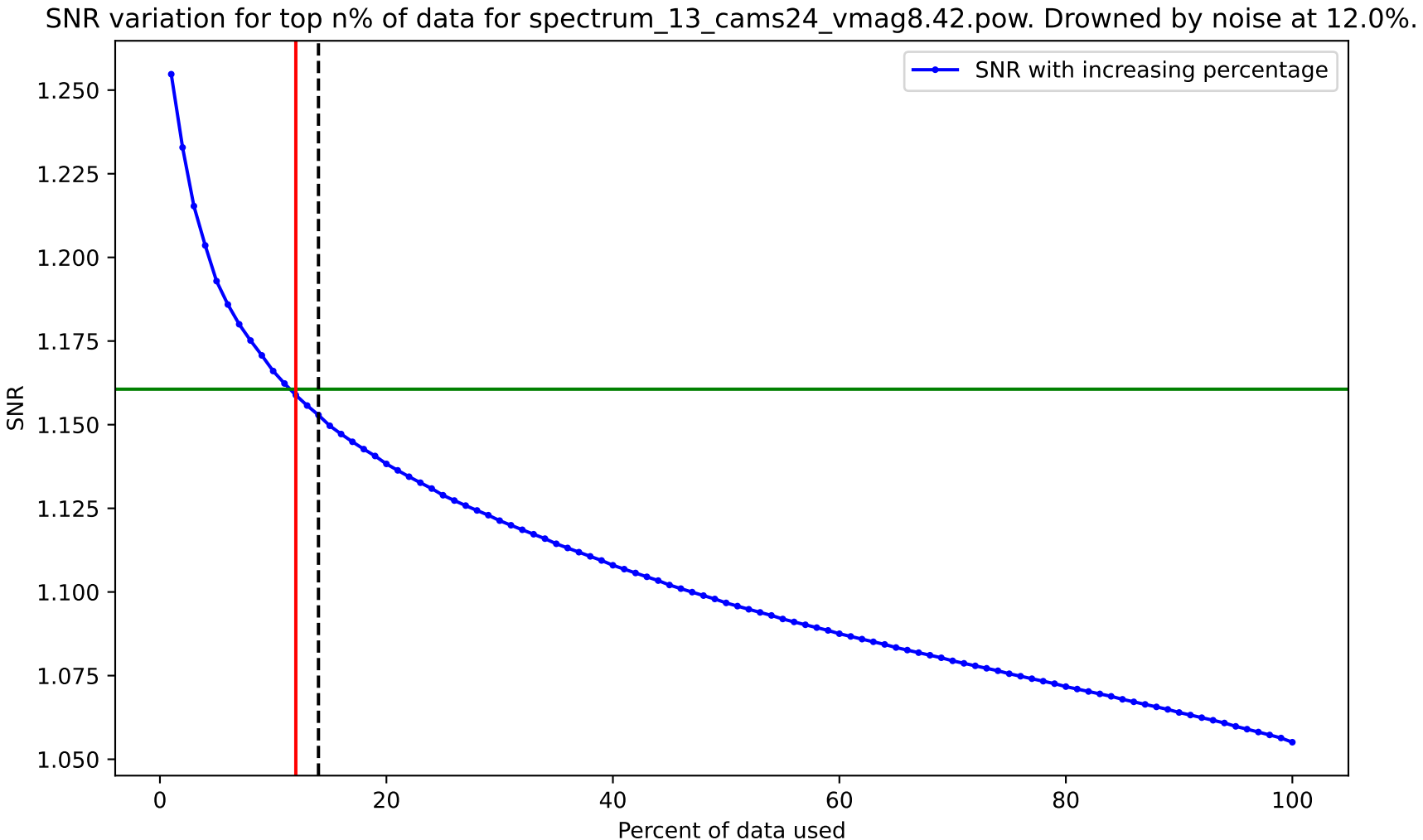

SNR vs Central Frequency for spectrum_13_cams24_vmag8.02.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

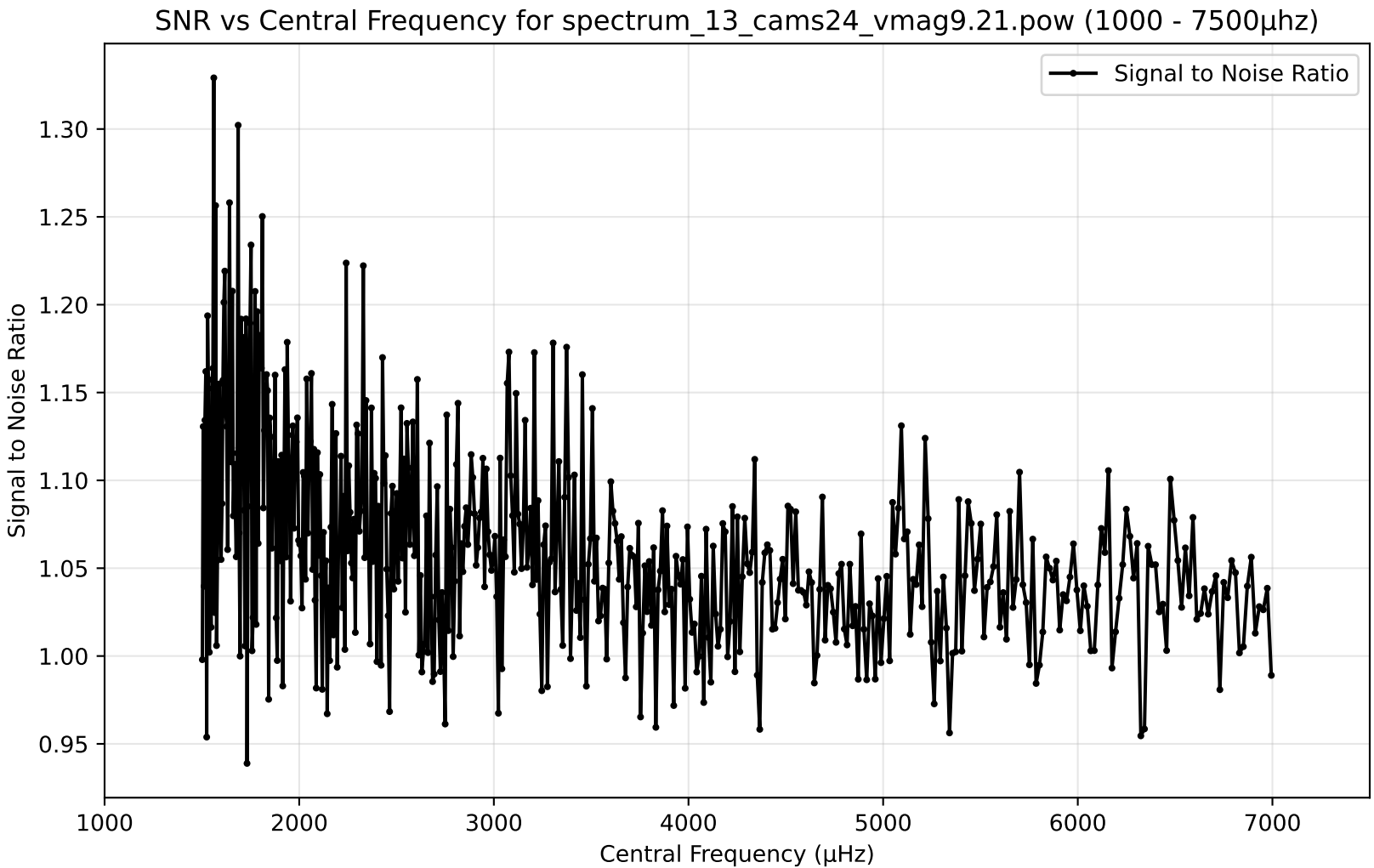

SNR variation for top n% of data for spectrum_13_cams24_vmag8.02.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

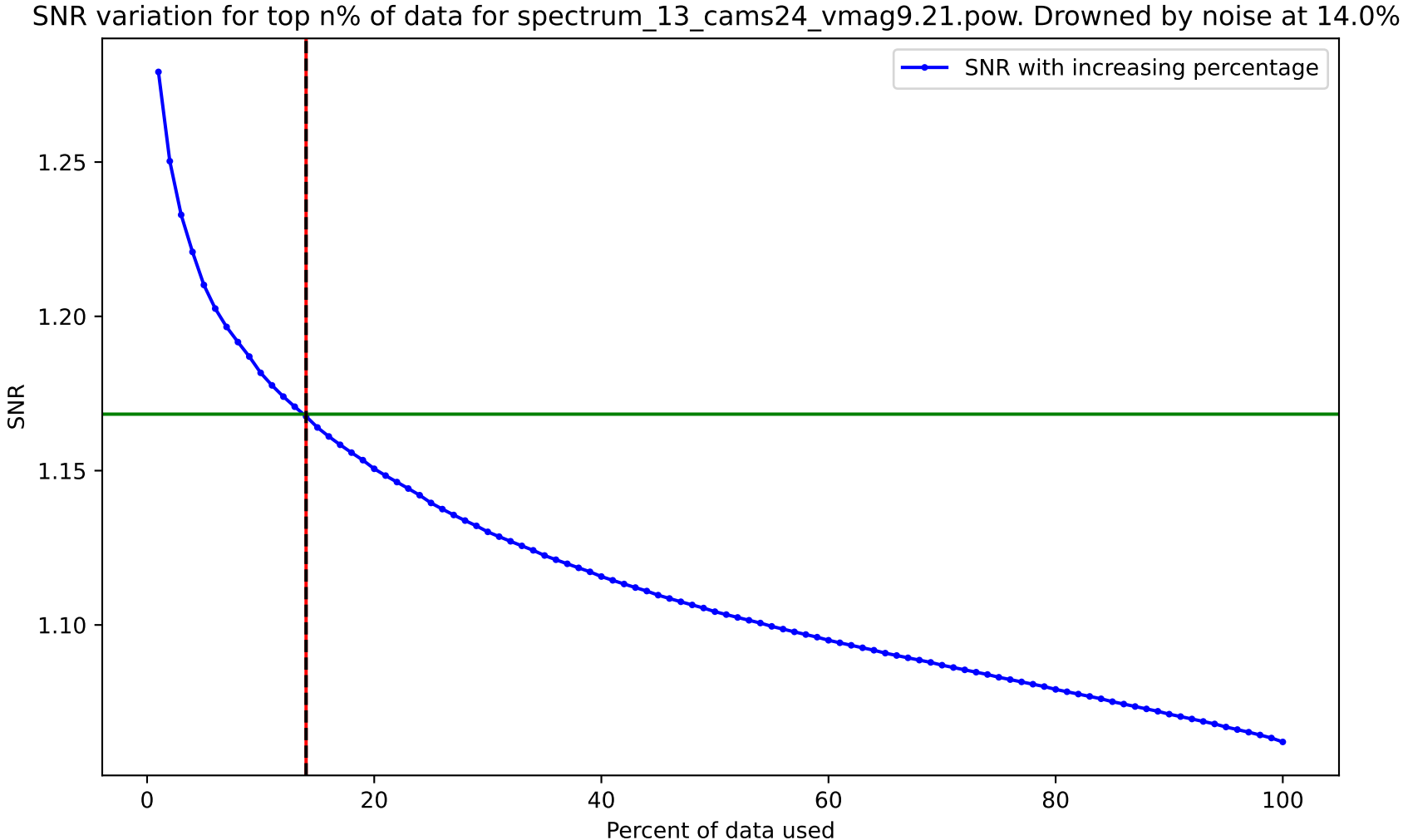

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

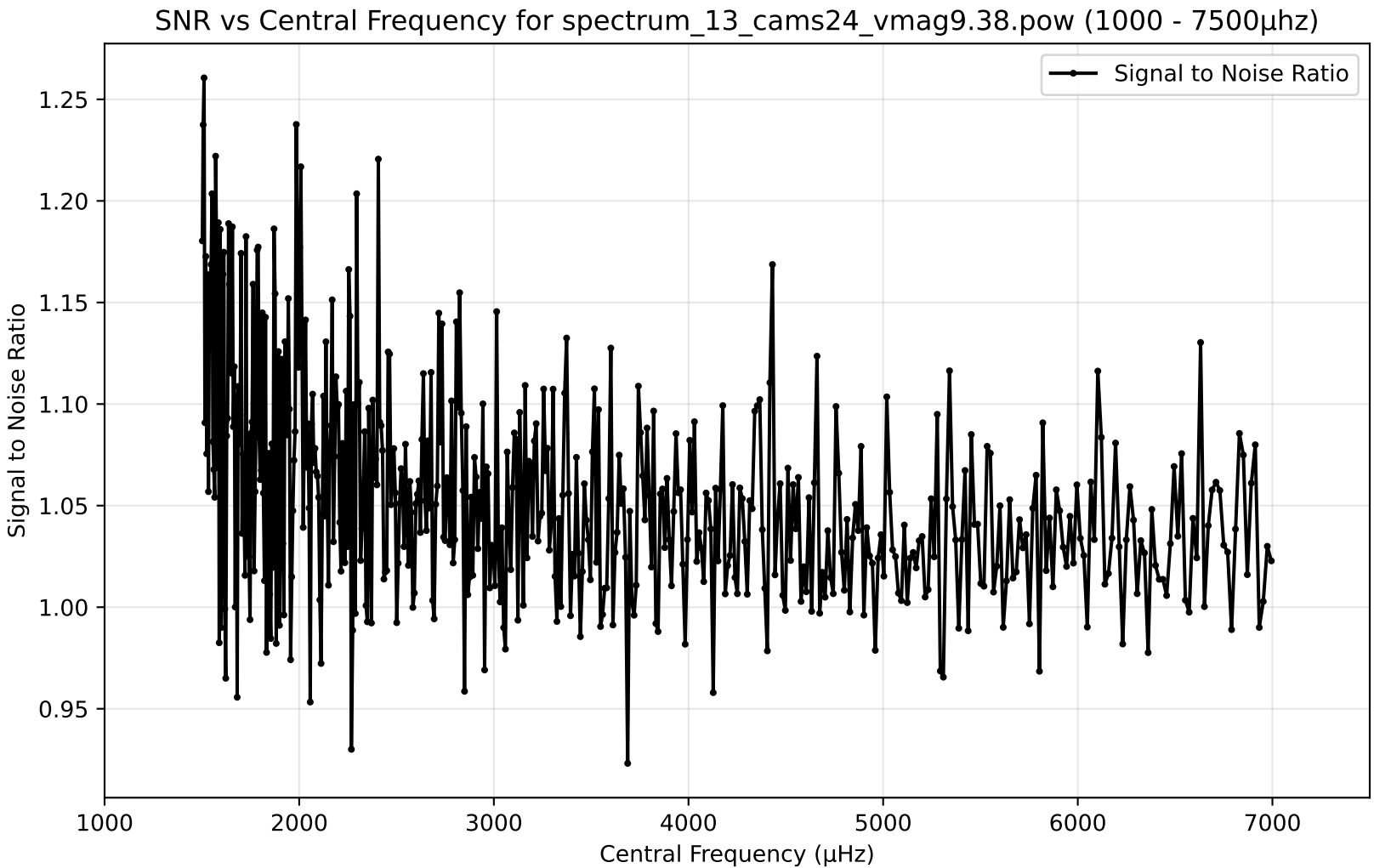

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3525.706μhz ± 163.296μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

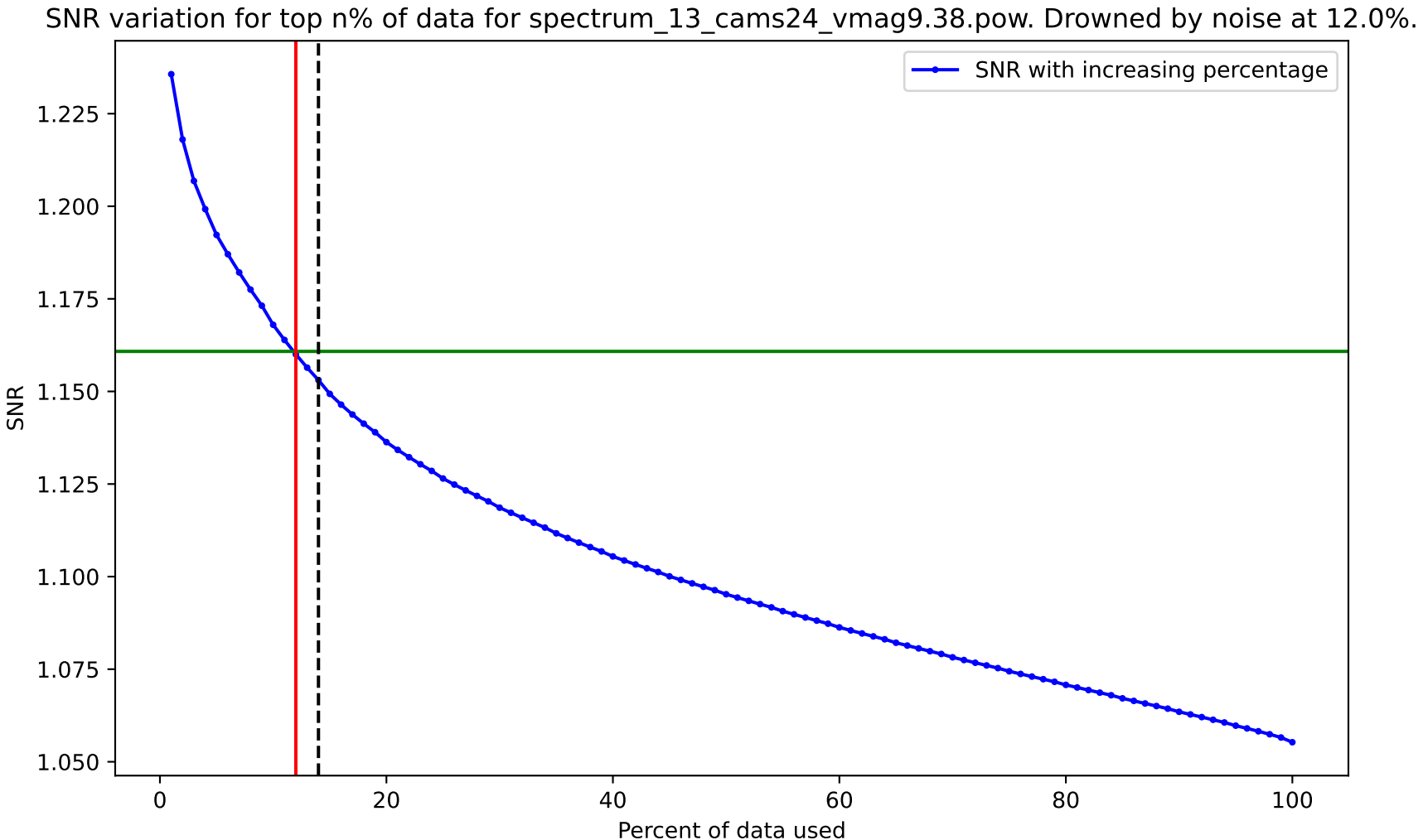

SNR vs Central Frequency for spectrum_13_cams24_vmag8.42.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

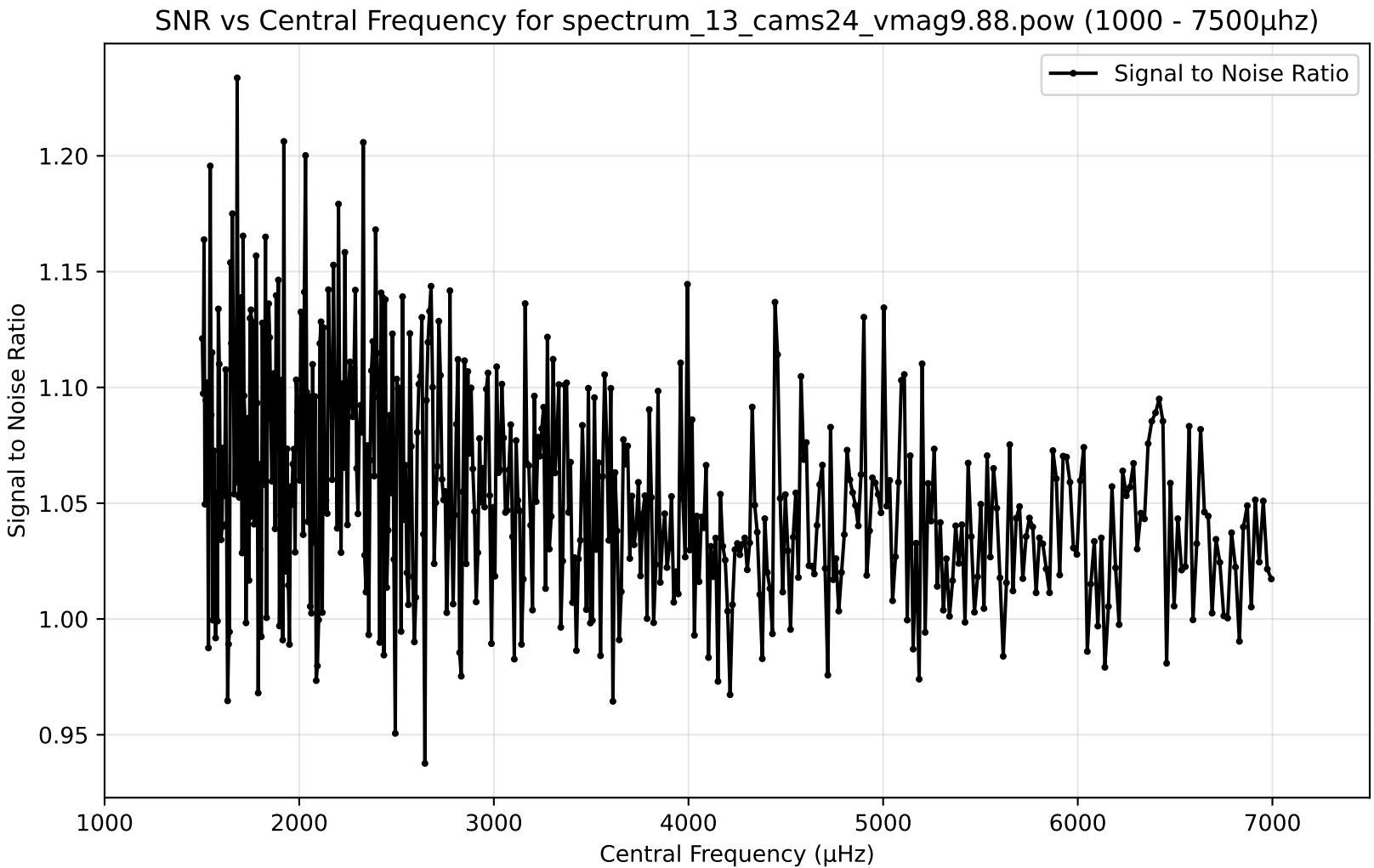

SNR variation for top n% of data for spectrum_13_cams24_vmag8.42.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

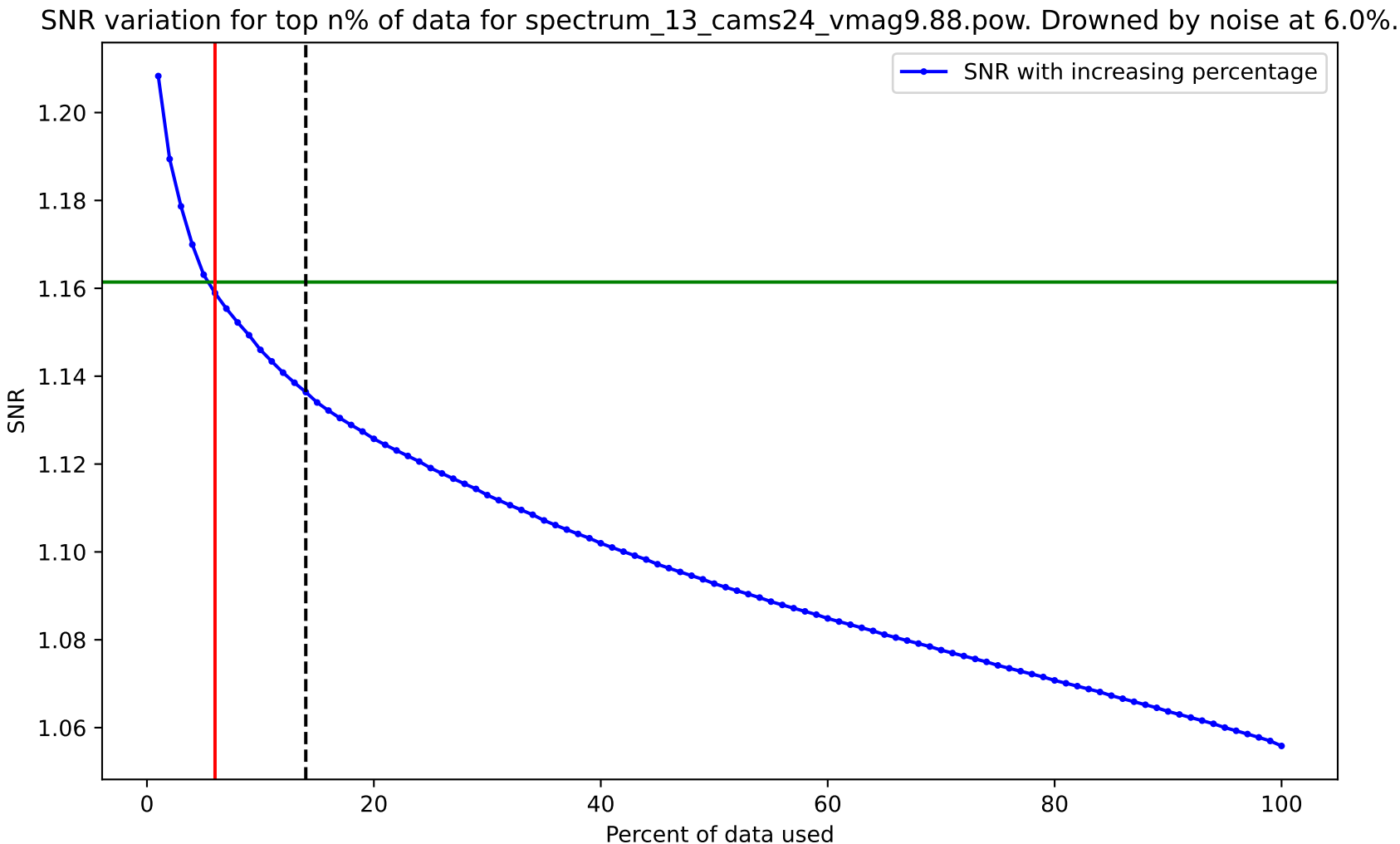

SNR vs Central Frequency for spectrum_13_cams24_vmag9.21.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

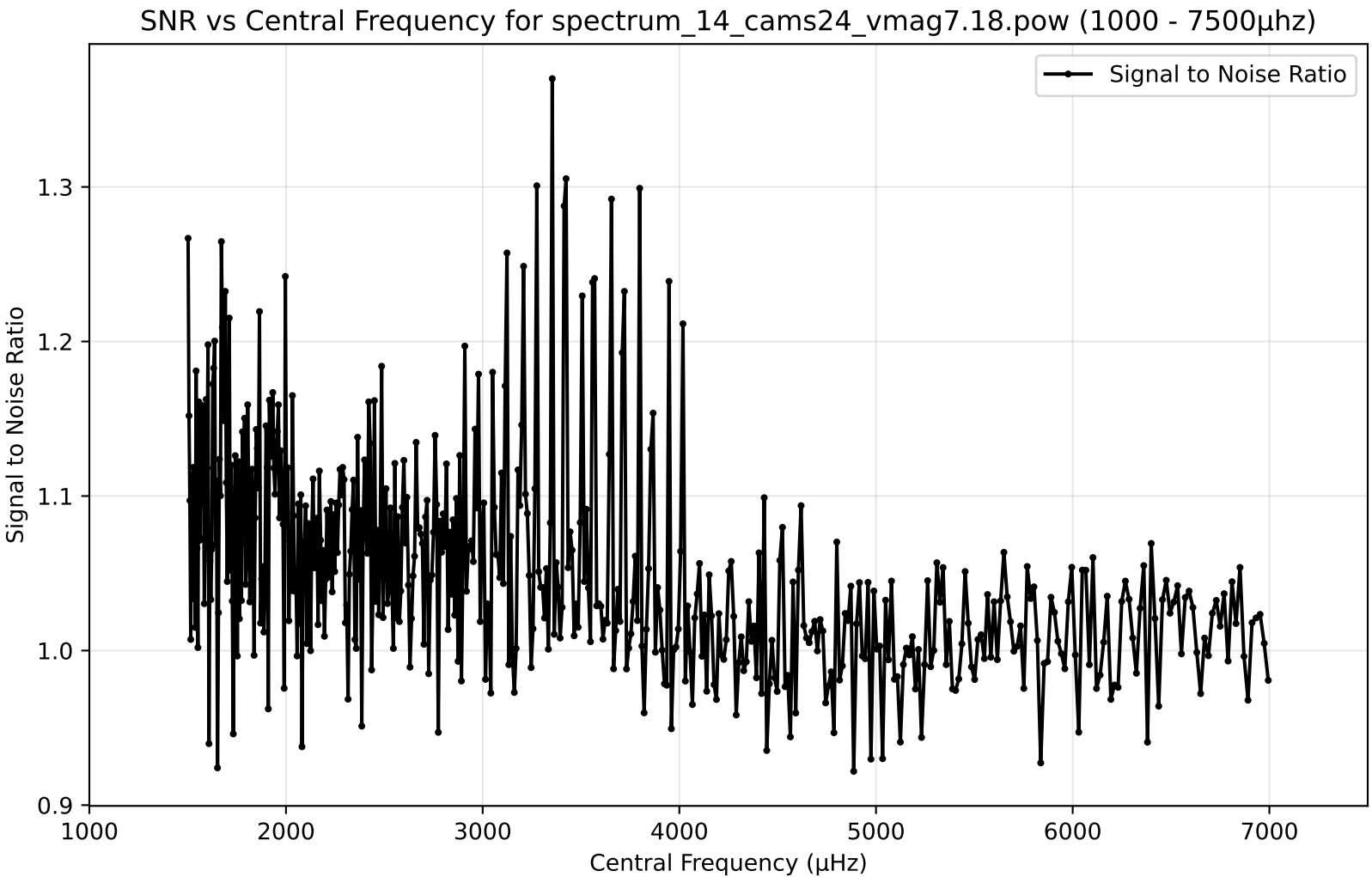

SNR variation for top n% of data for spectrum_13_cams24_vmag9.21.pow. Drowned by noise at 14.0%.
SNR with increasing percentage
1.25
1.20
1.15
1.10
SNR
0
20
40
60
80
100
Percent of data used

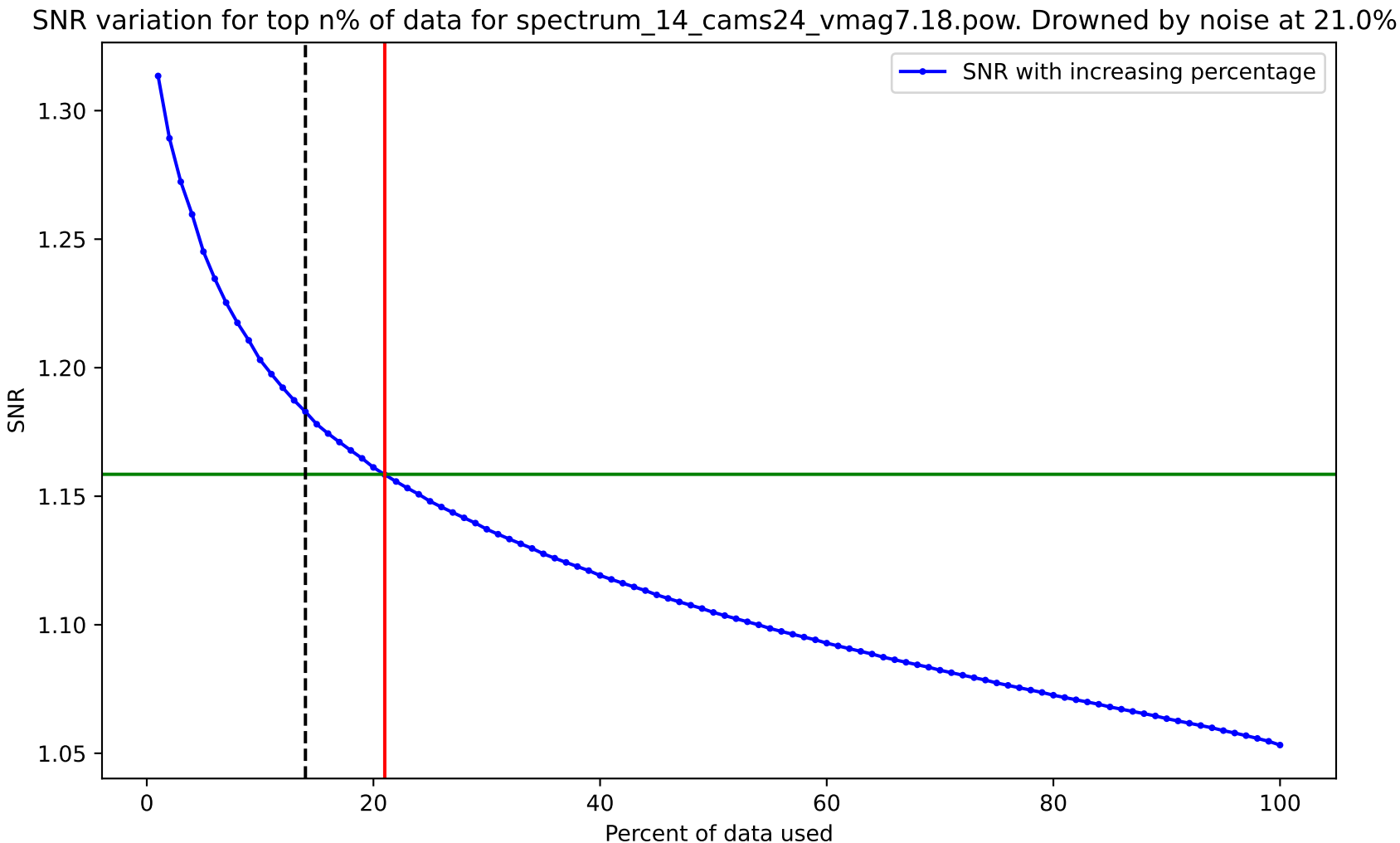

SNR vs Central Frequency for spectrum_13_cams24_vmag9.38.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

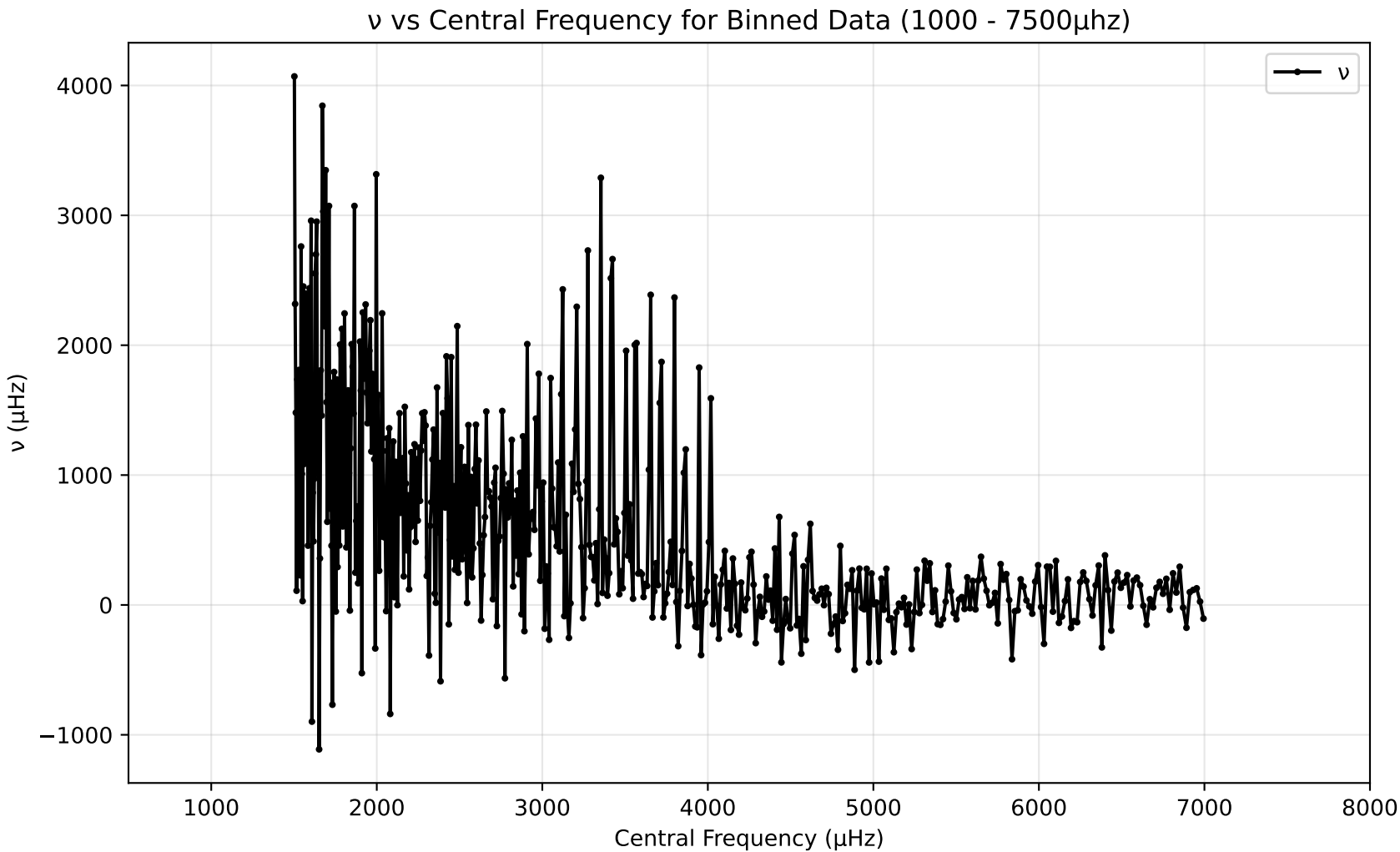

SNR variation for top n% of data for spectrum_13_cams24_vmag9.38.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

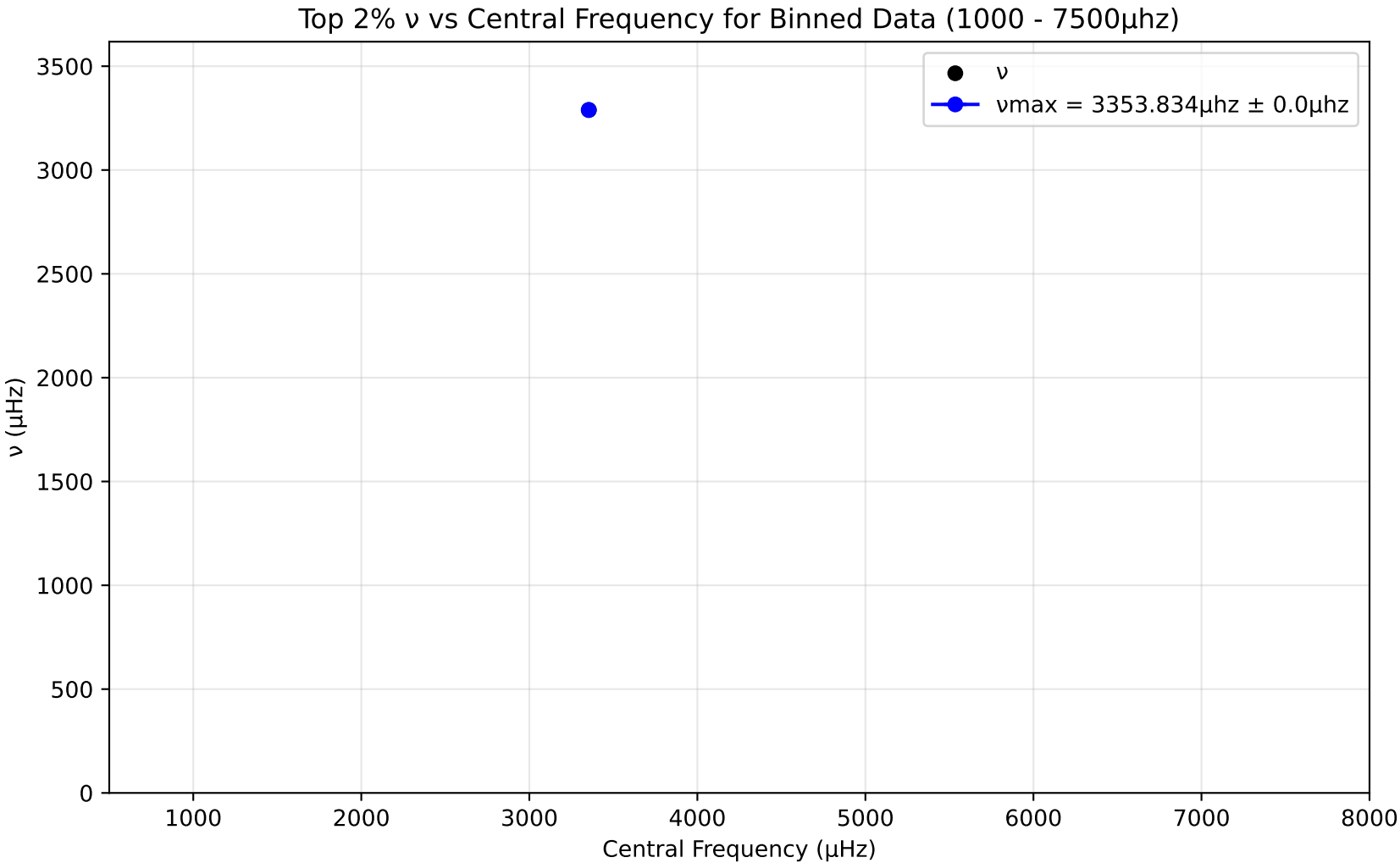

SNR vs Central Frequency for spectrum_13_cams24_vmag9.88.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

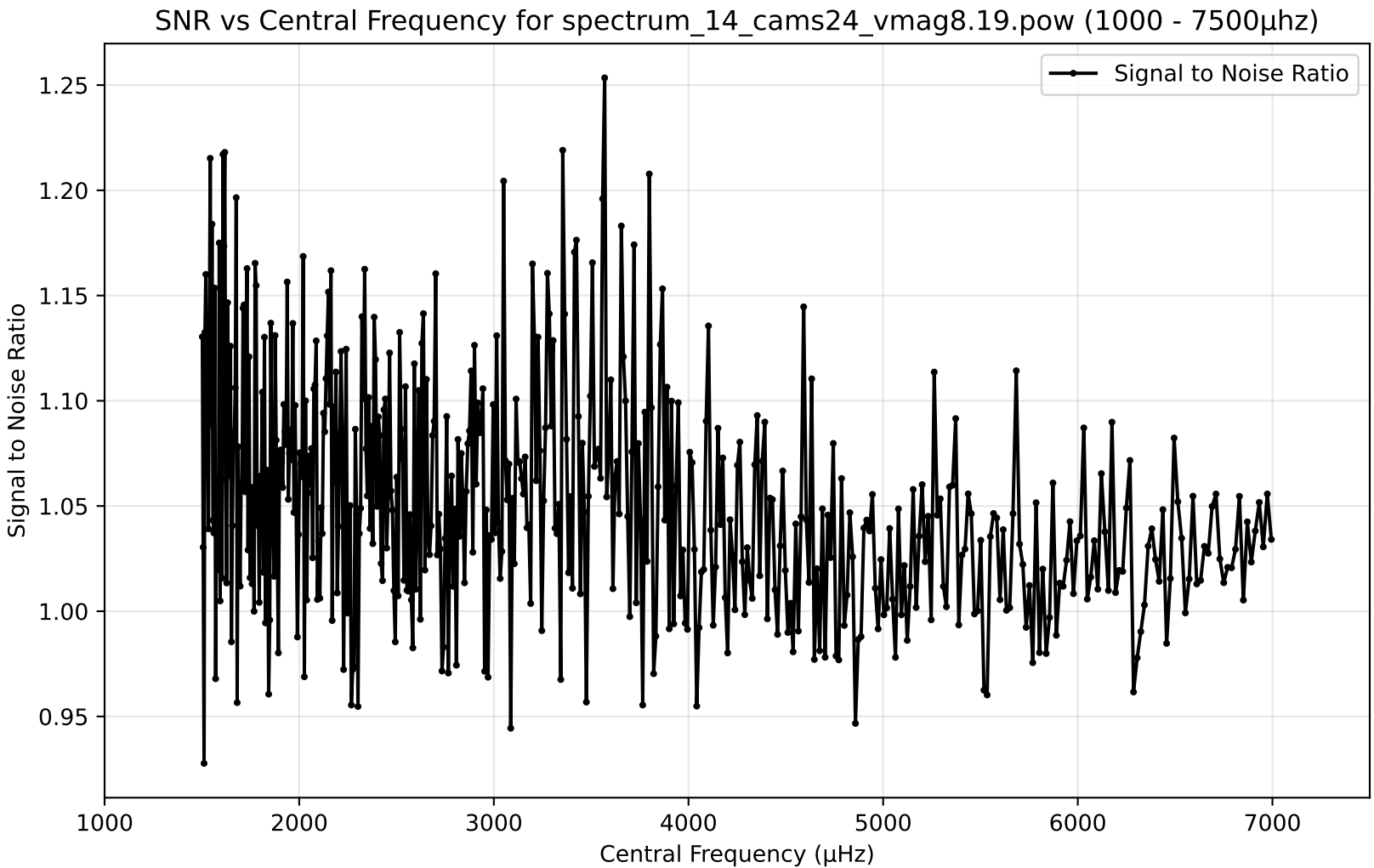

SNR variation for top n% of data for spectrum_13_cams24_vmag9.88.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

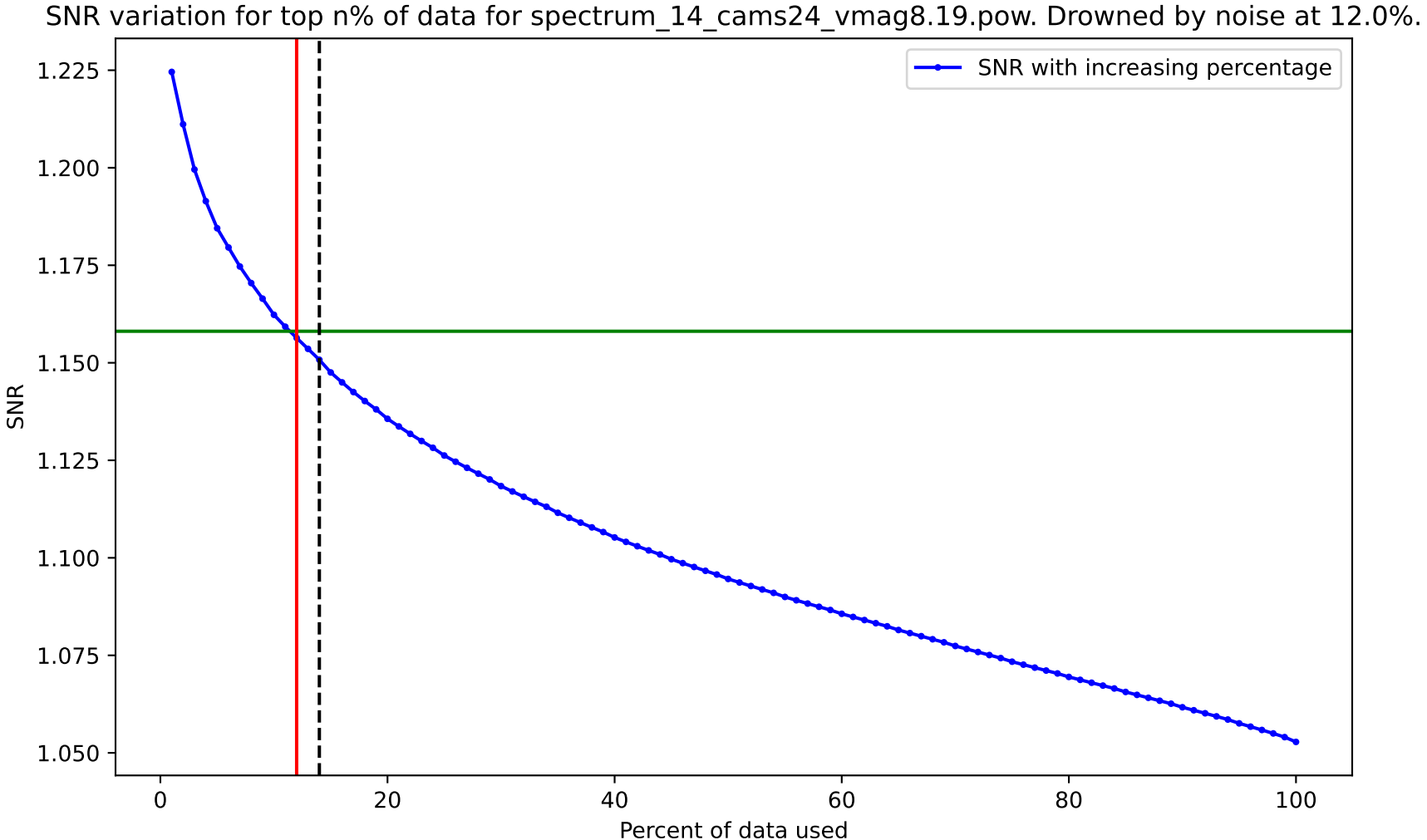

SNR vs Central Frequency for spectrum_14_cams24_vmag7.18.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
0.9
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000

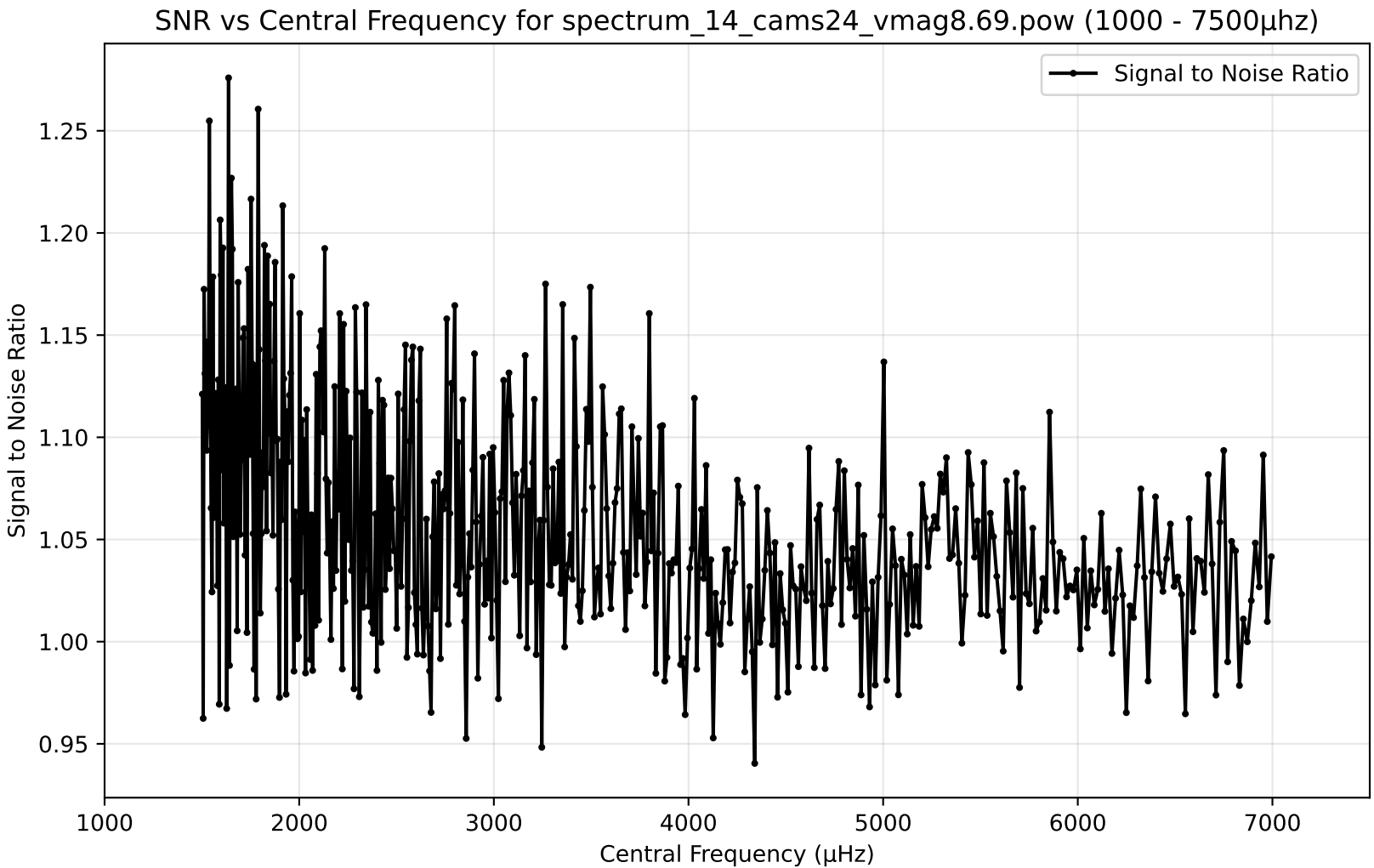

SNR variation for top n% of data for spectrum_14_cams24_vmag7.18.pow. Drowned by noise at 21.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

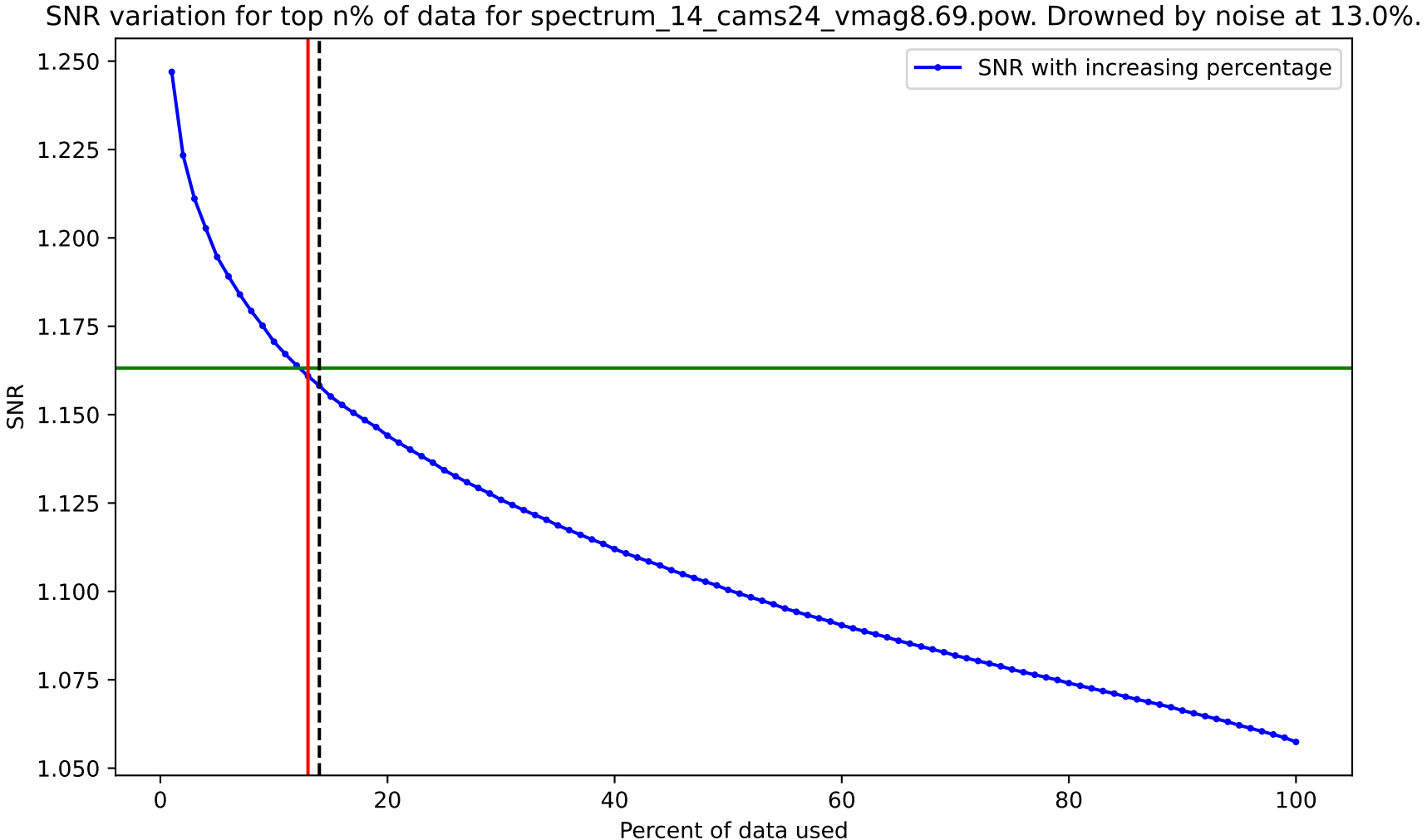

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

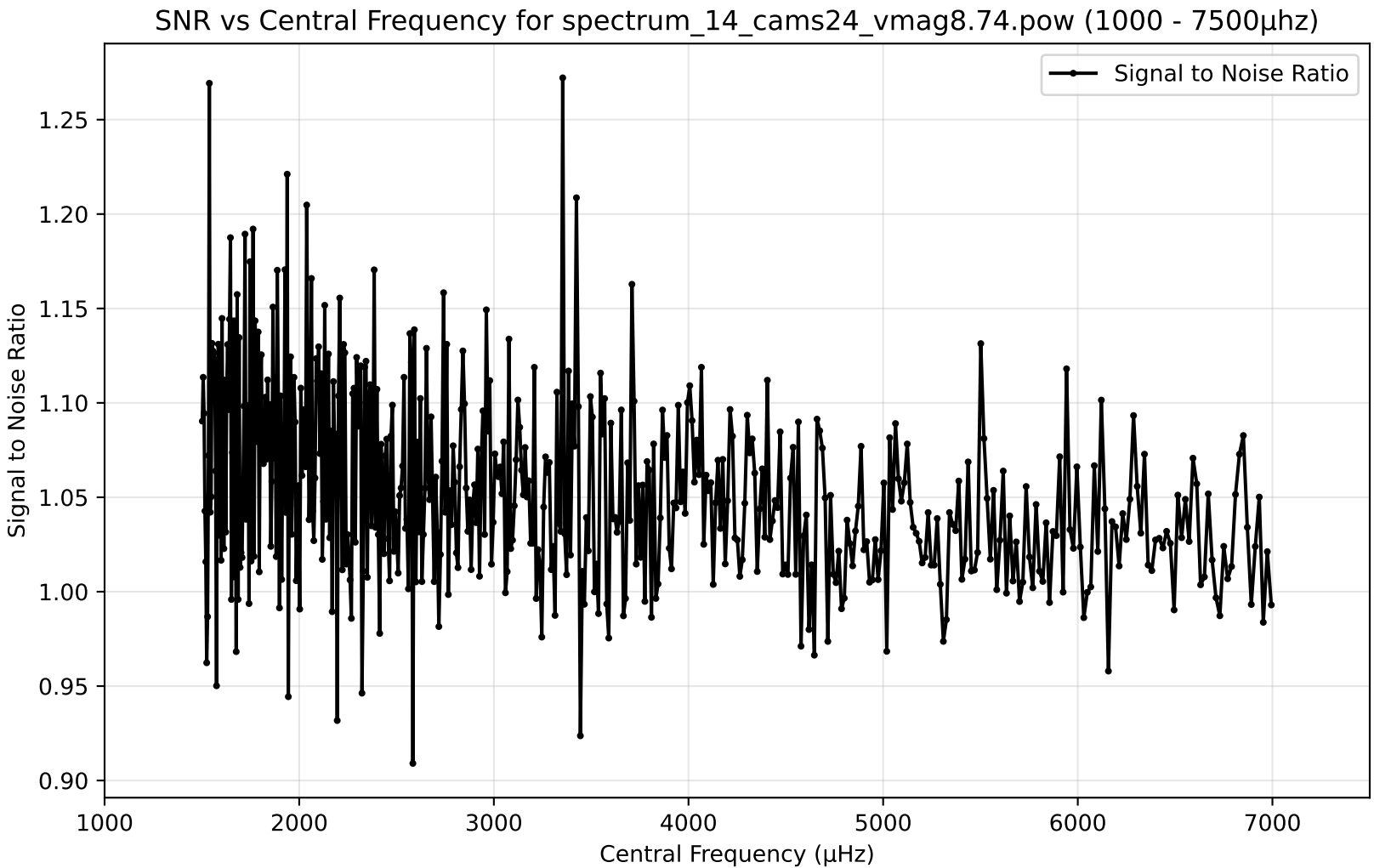

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3353.834μhz ± 0.0μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
1000
2000
3000
4000
5000
6000
7000
8000

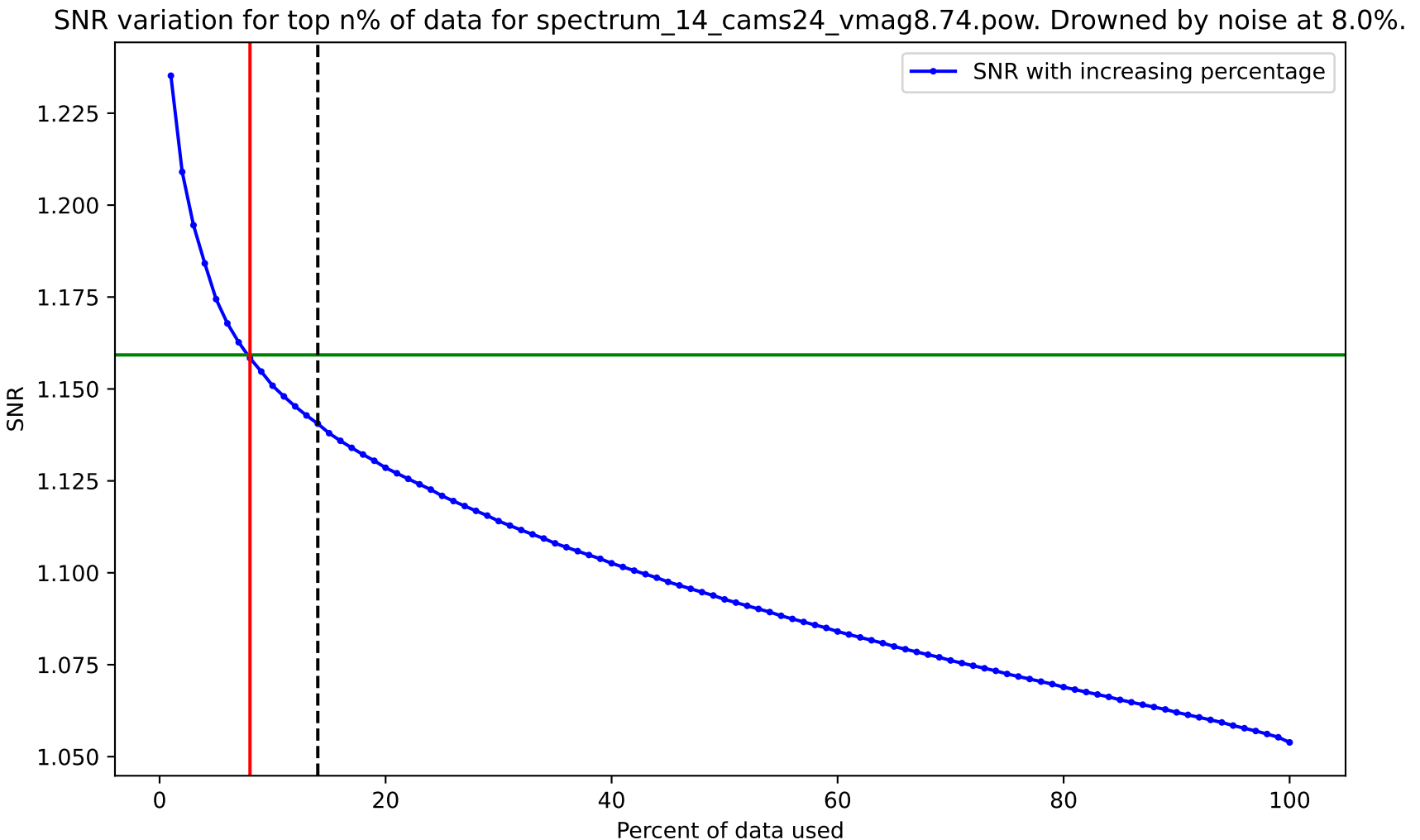

SNR vs Central Frequency for spectrum_14_cams24_vmag8.19.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

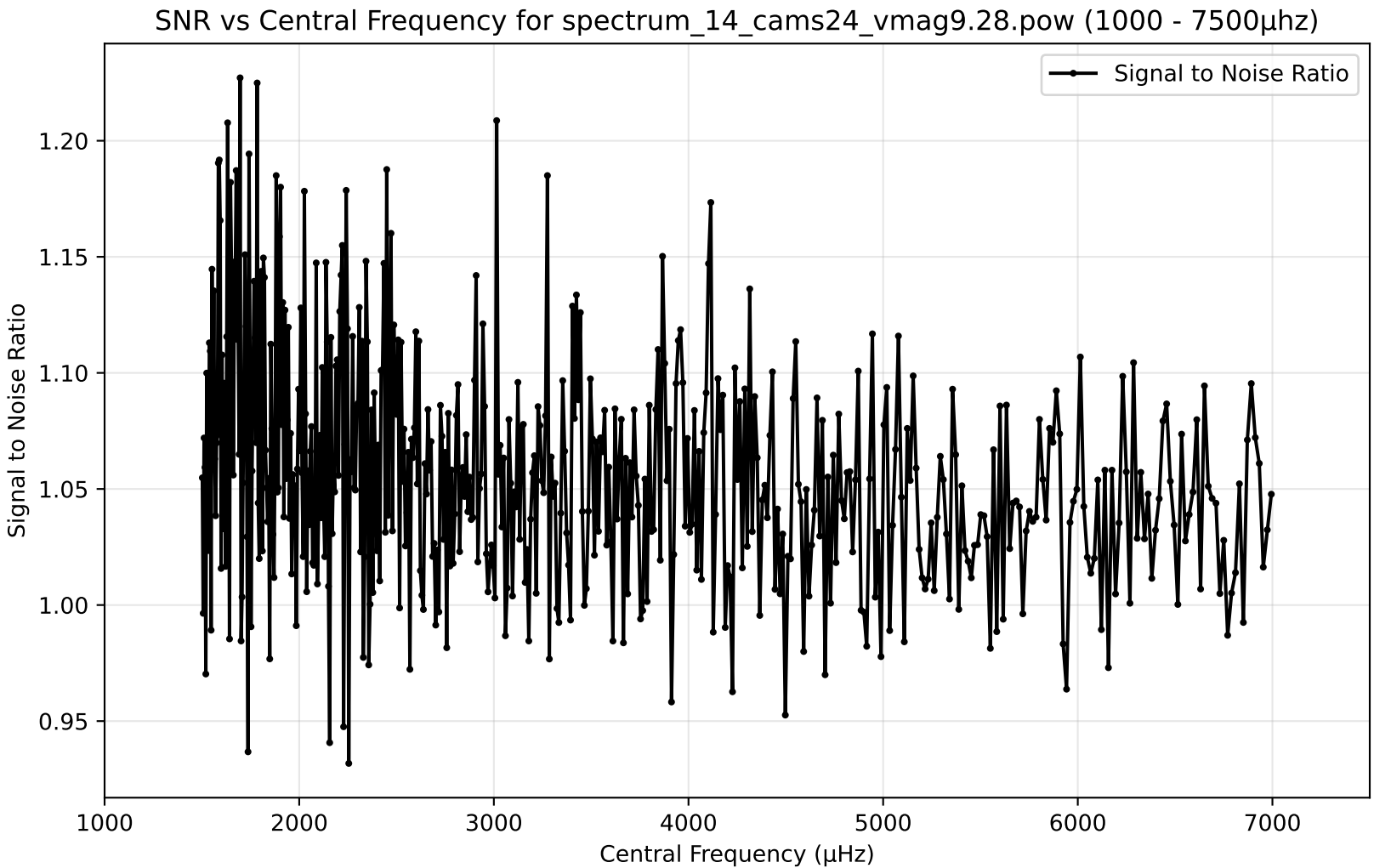

SNR variation for top n% of data for spectrum_14_cams24_vmag8.19.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

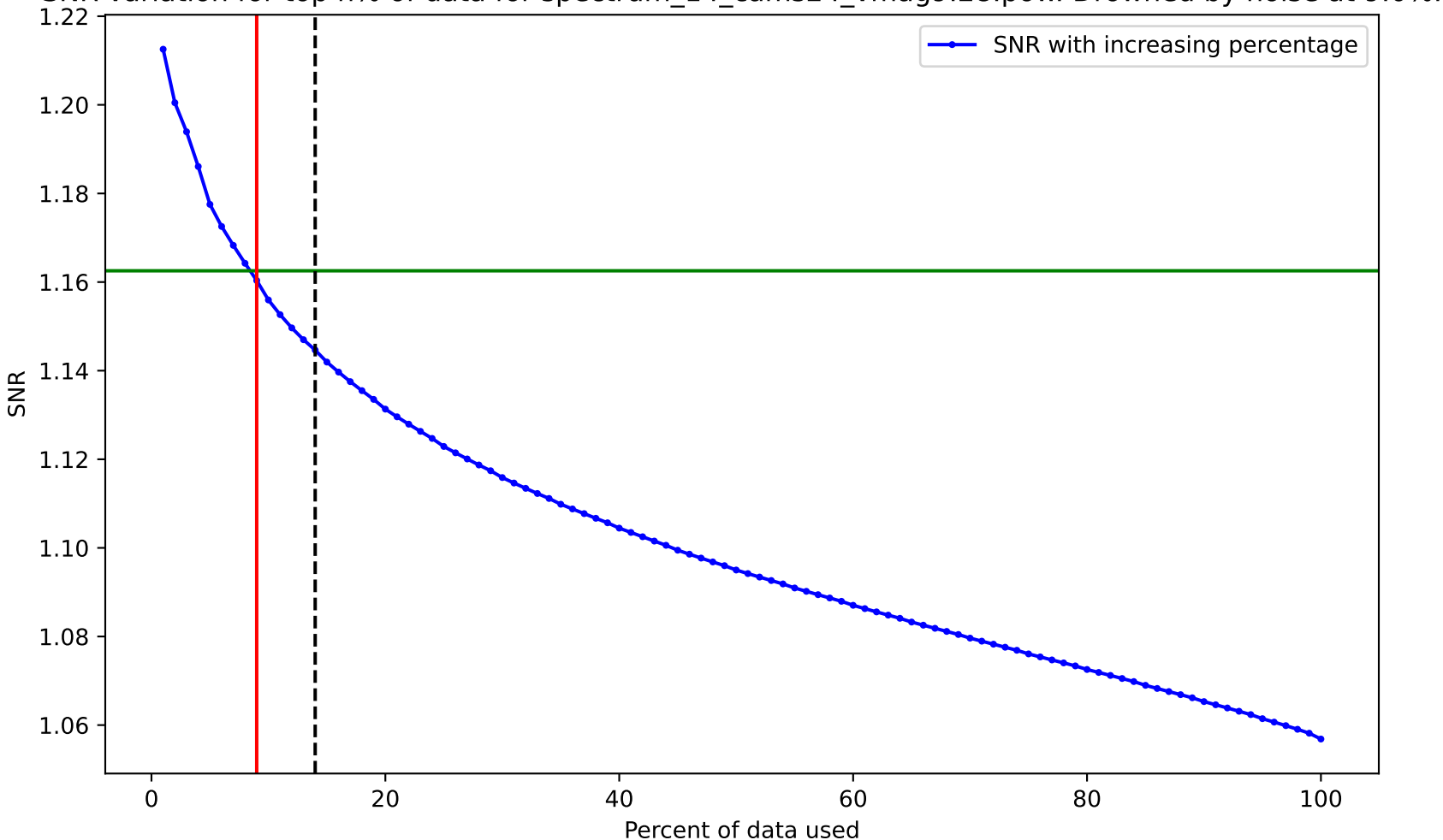

SNR vs Central Frequency for spectrum_14_cams24_vmag8.69.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

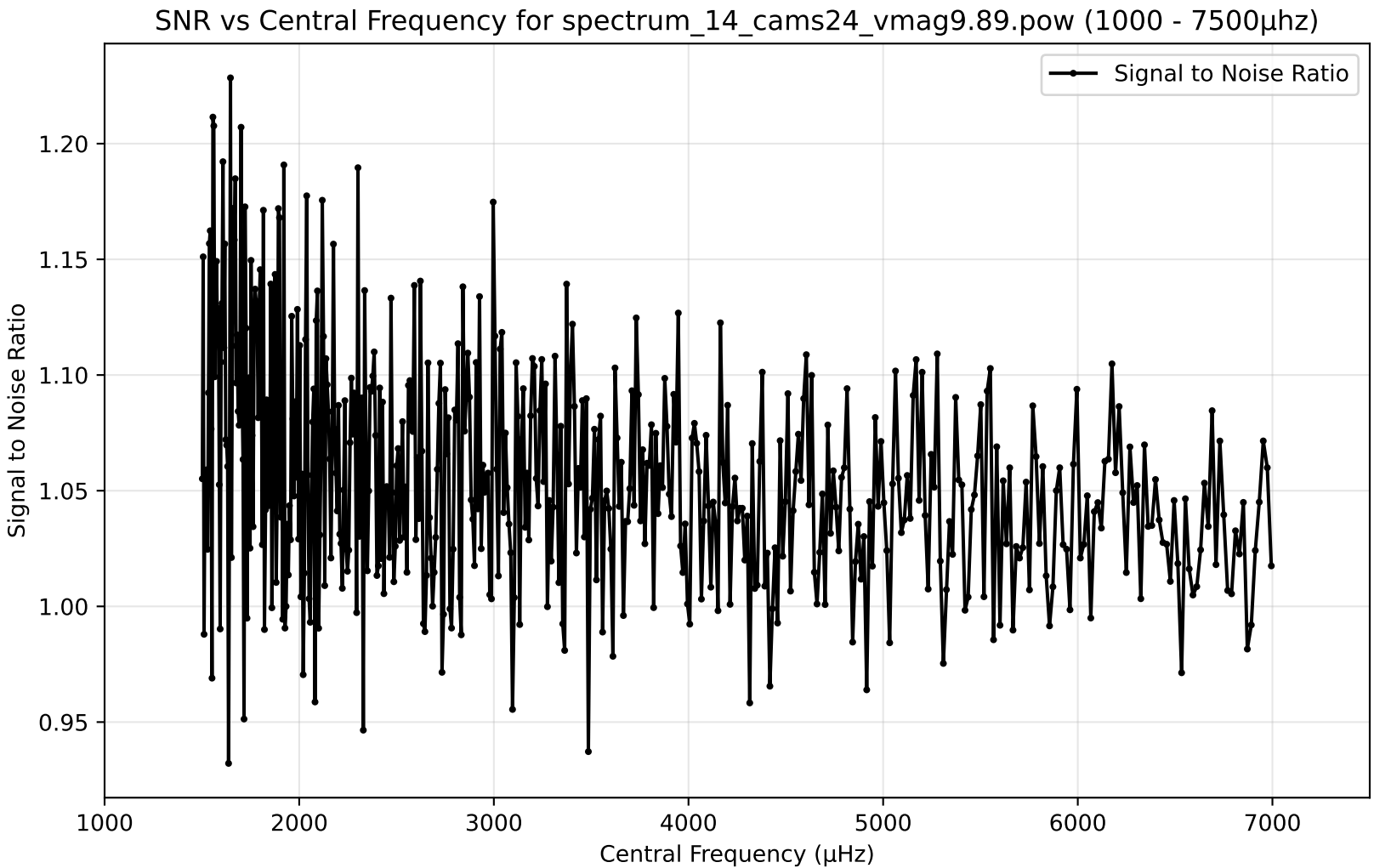

SNR variation for top n% of data for spectrum_14_cams24_vmag8.69.pow. Drowned by noise at 13.0%.
SNR with increasing percentage
SNR
Percent of data used
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

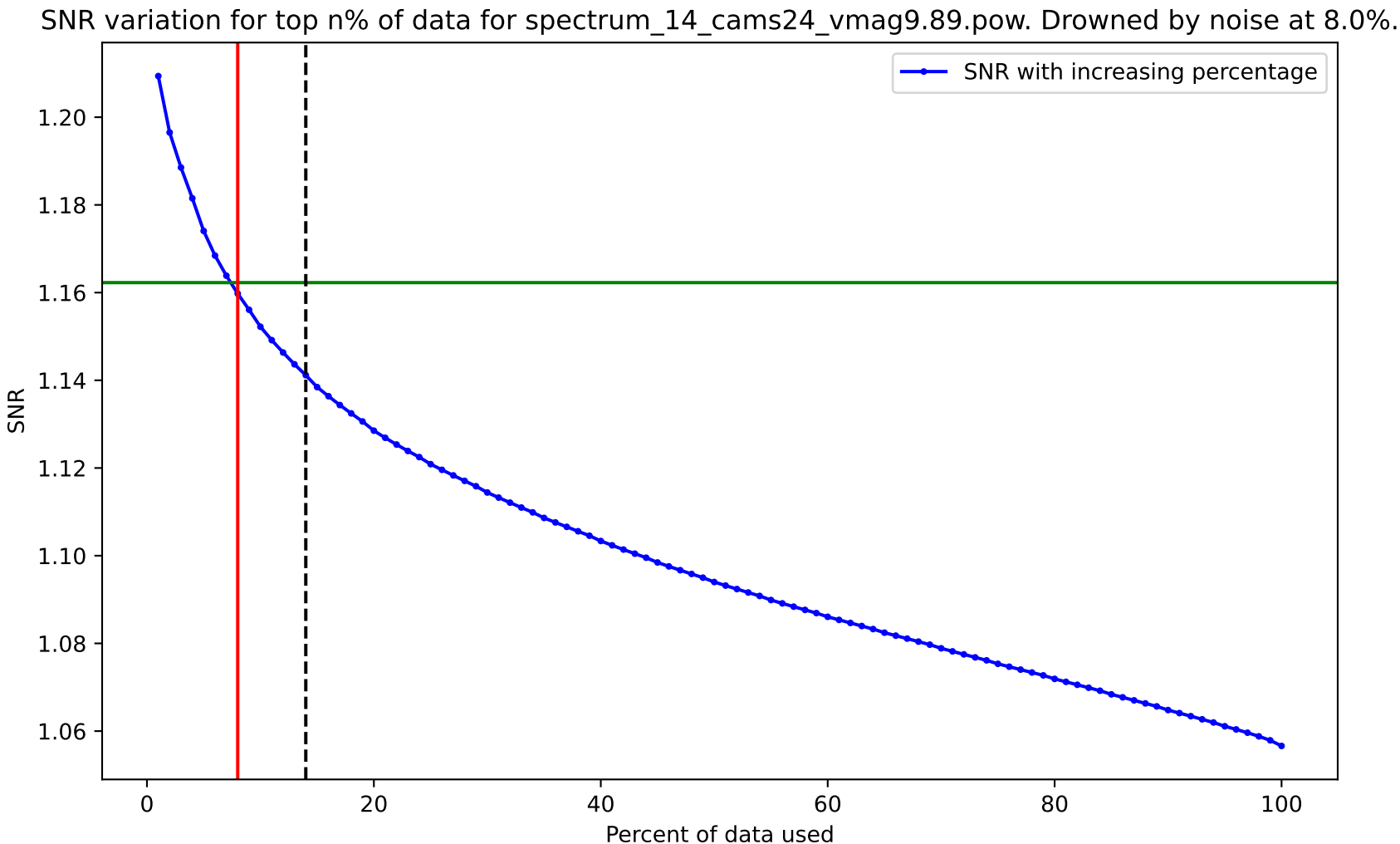

SNR vs Central Frequency for spectrum_14_cams24_vmag8.74.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

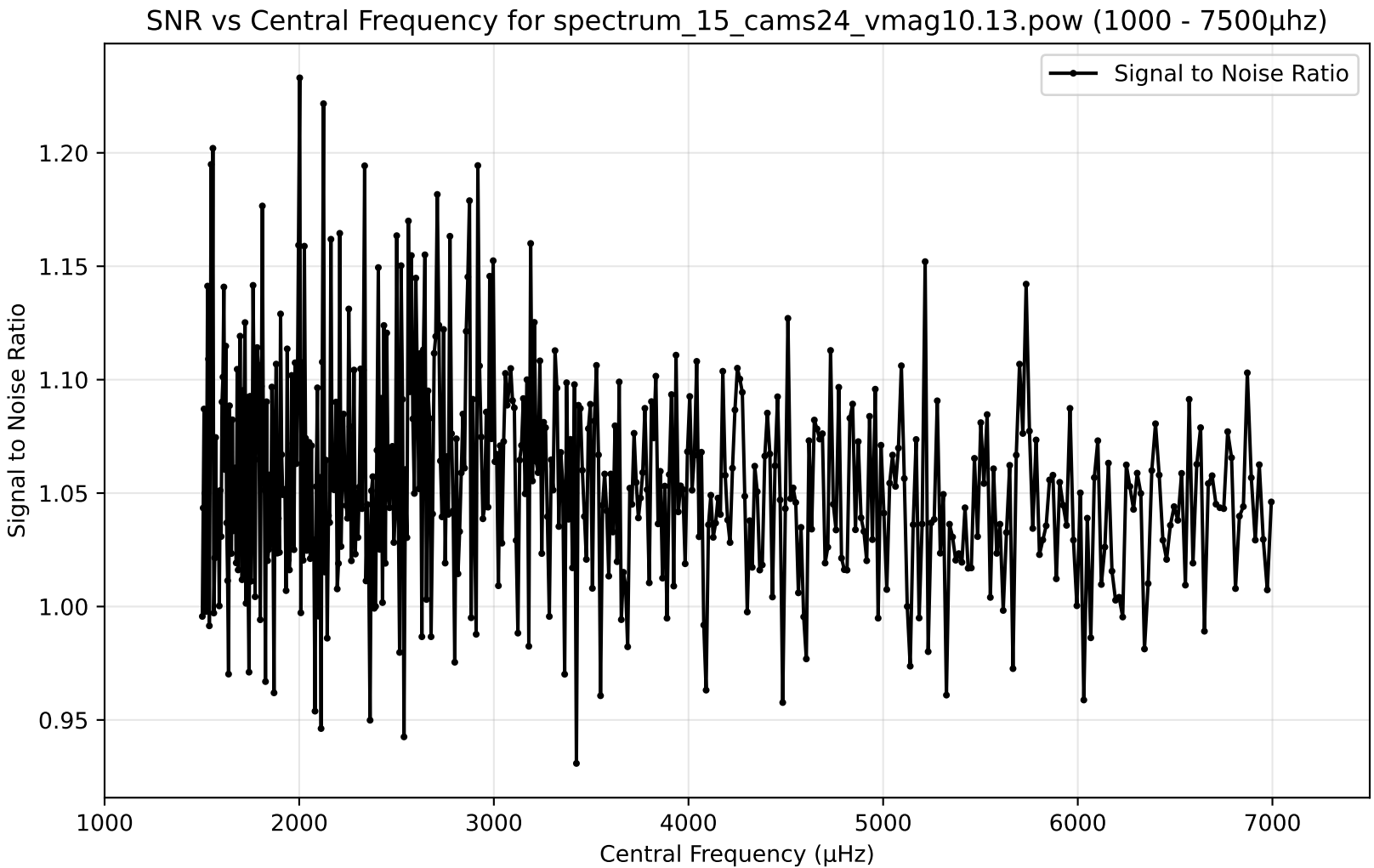

SNR variation for top n% of data for spectrum_14_cams24_vmag8.74.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

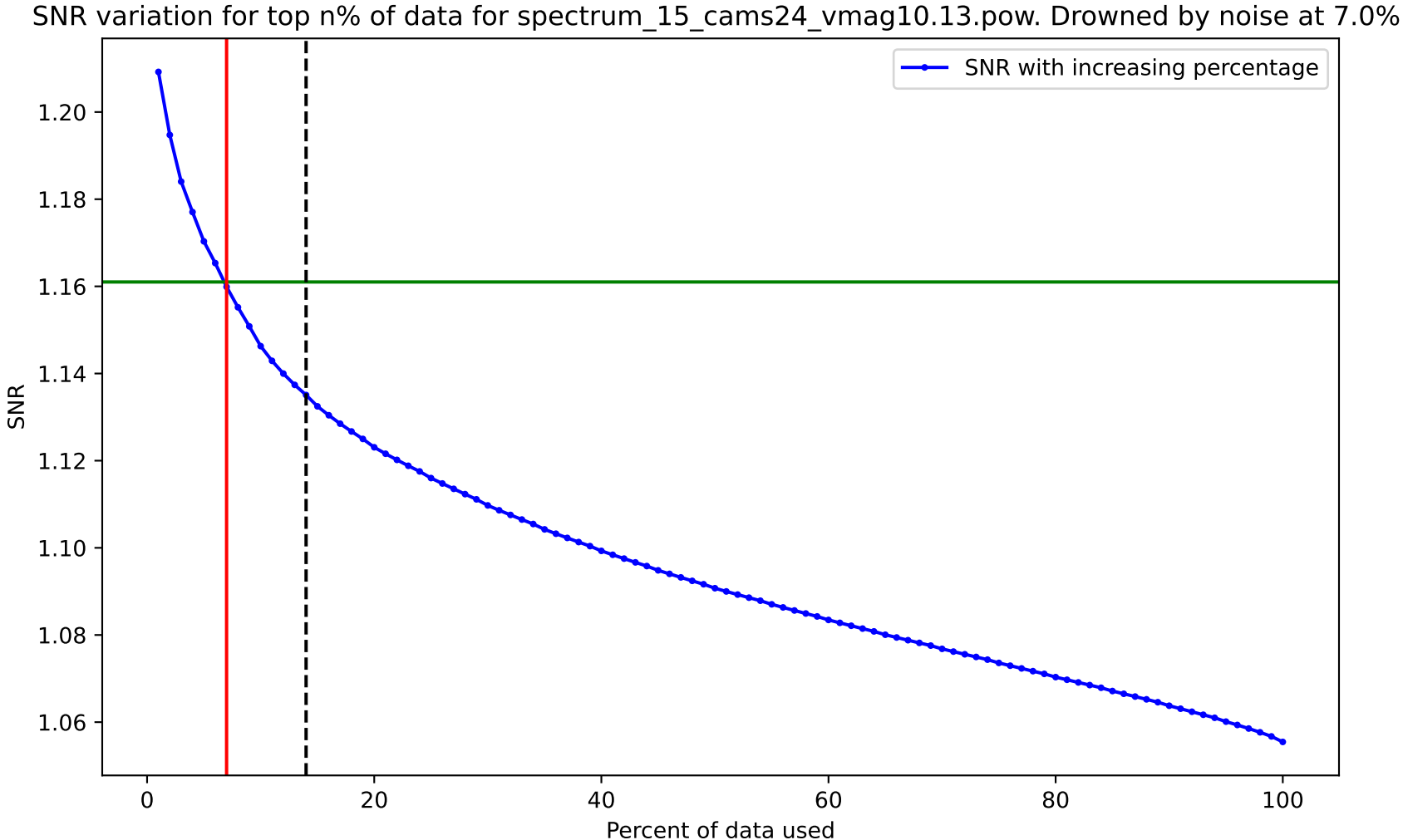

SNR vs Central Frequency for spectrum_14_cams24_vmag9.28.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

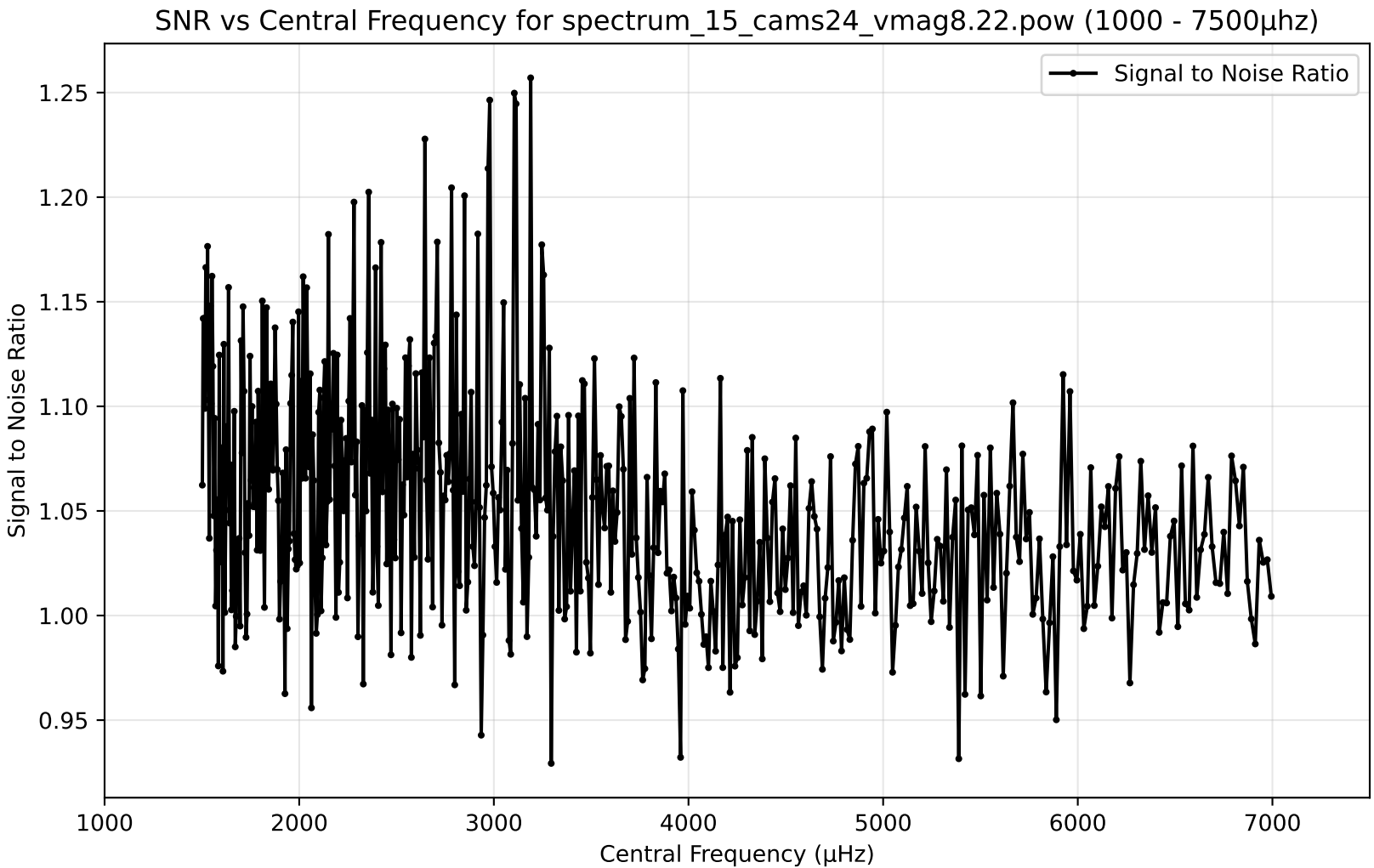

SNR variation for top n% of data for spectrum_14_cams24_vmag9.28.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
Percent of data used
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100

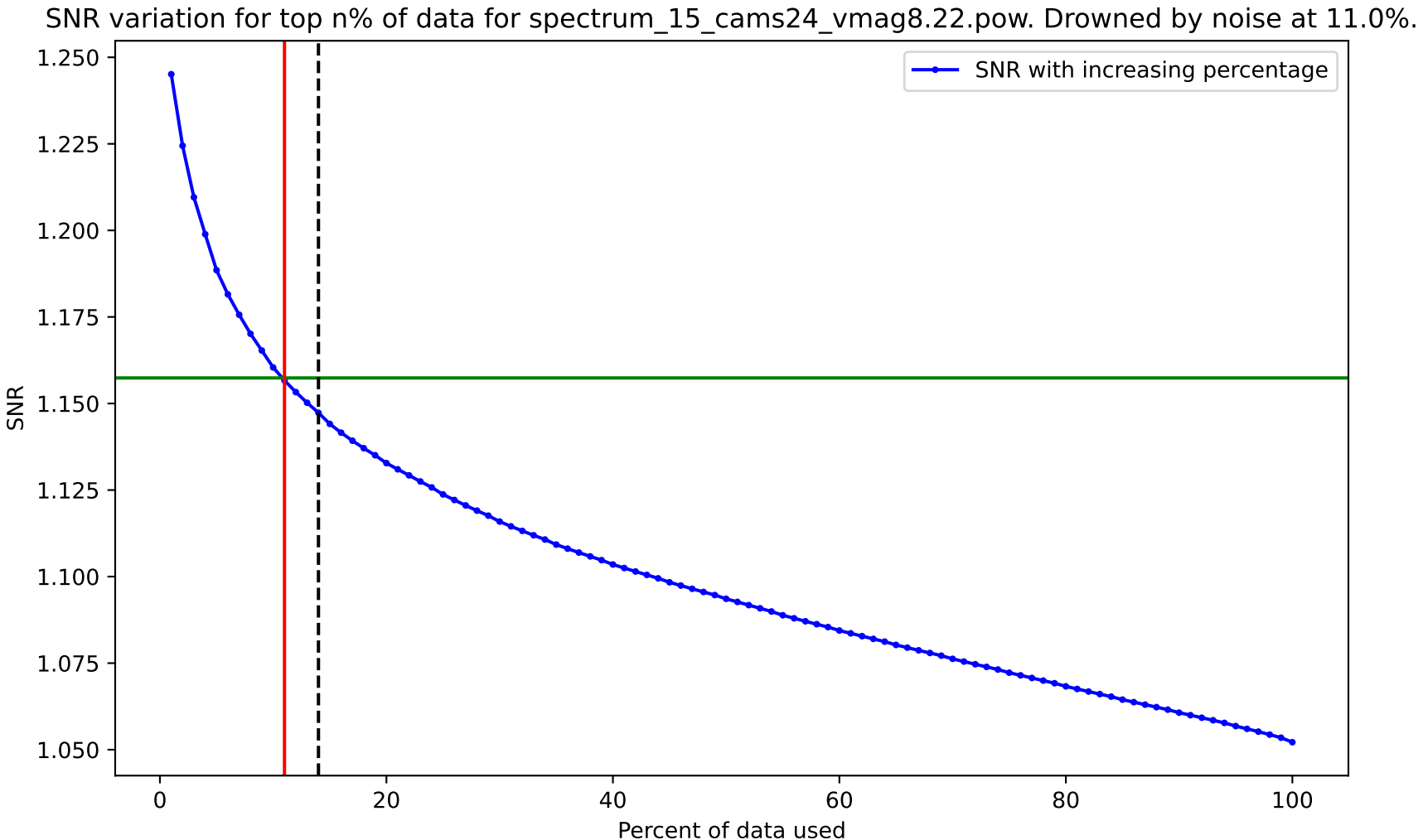

SNR vs Central Frequency for spectrum_14_cams24_vmag9.89.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

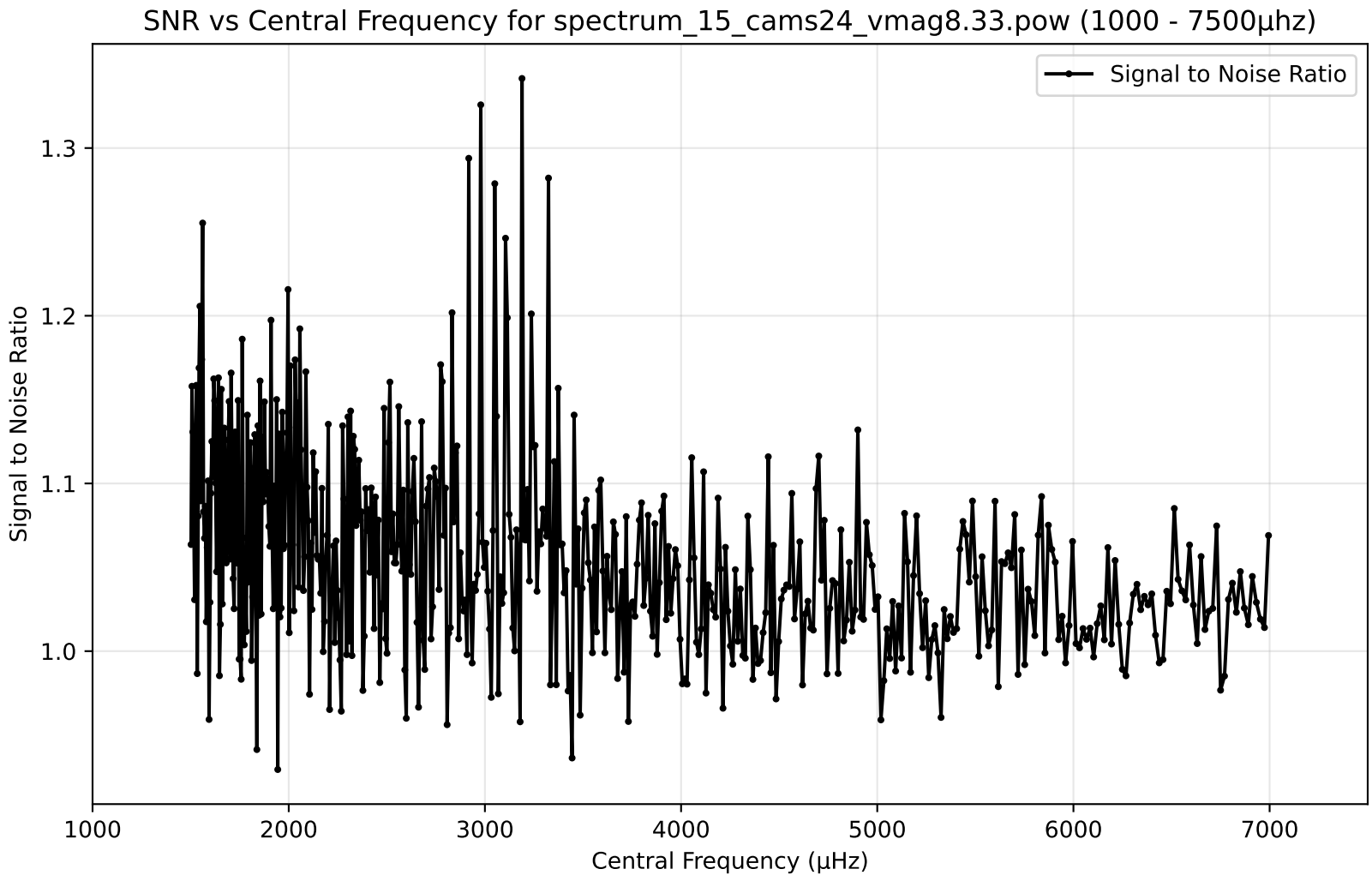

SNR variation for top n% of data for spectrum_14_cams24_vmag9.89.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

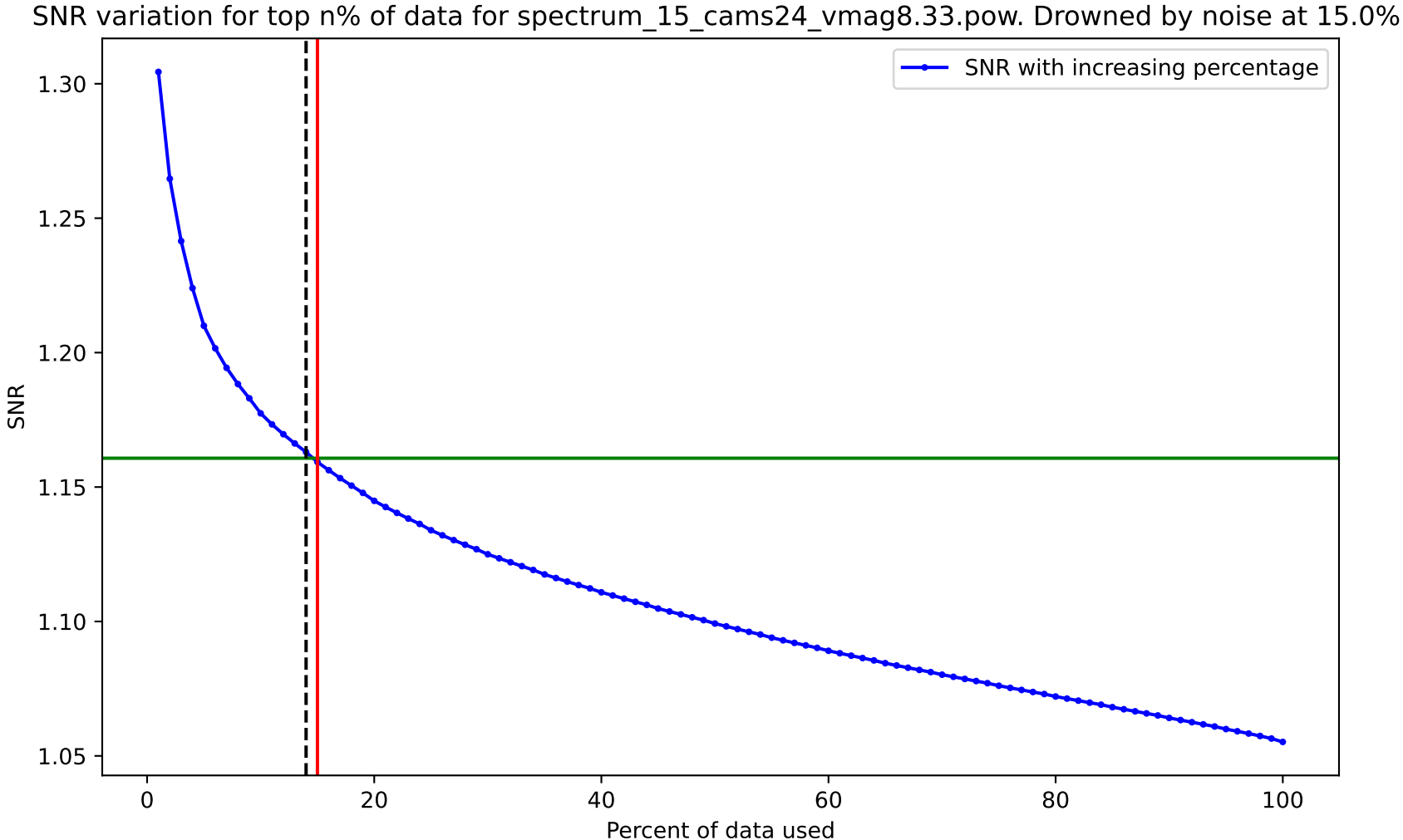

SNR vs Central Frequency for spectrum_15_cams24_vmag10.13.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

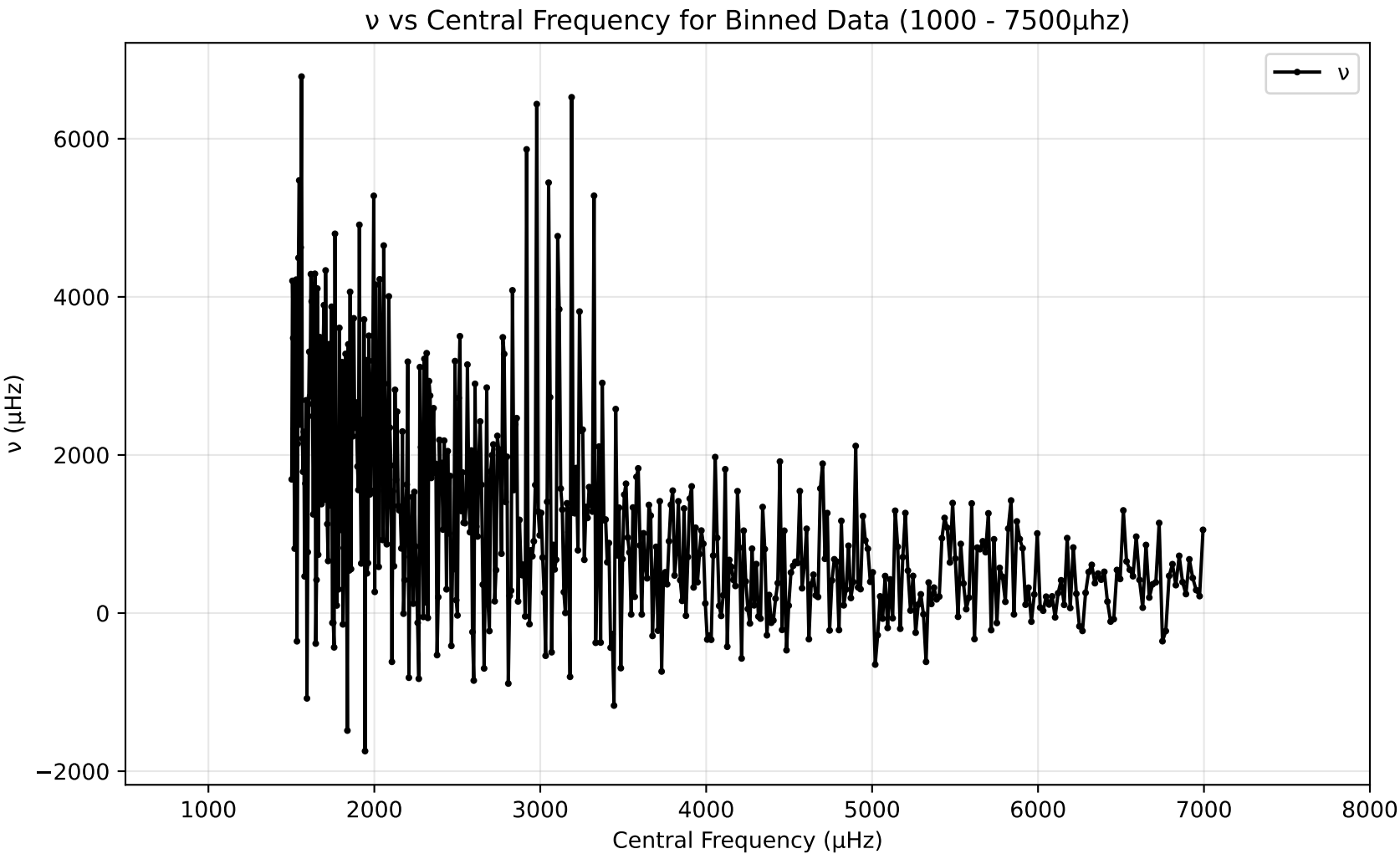

SNR variation for top n% of data for spectrum_15_cams24_vmag10.13.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

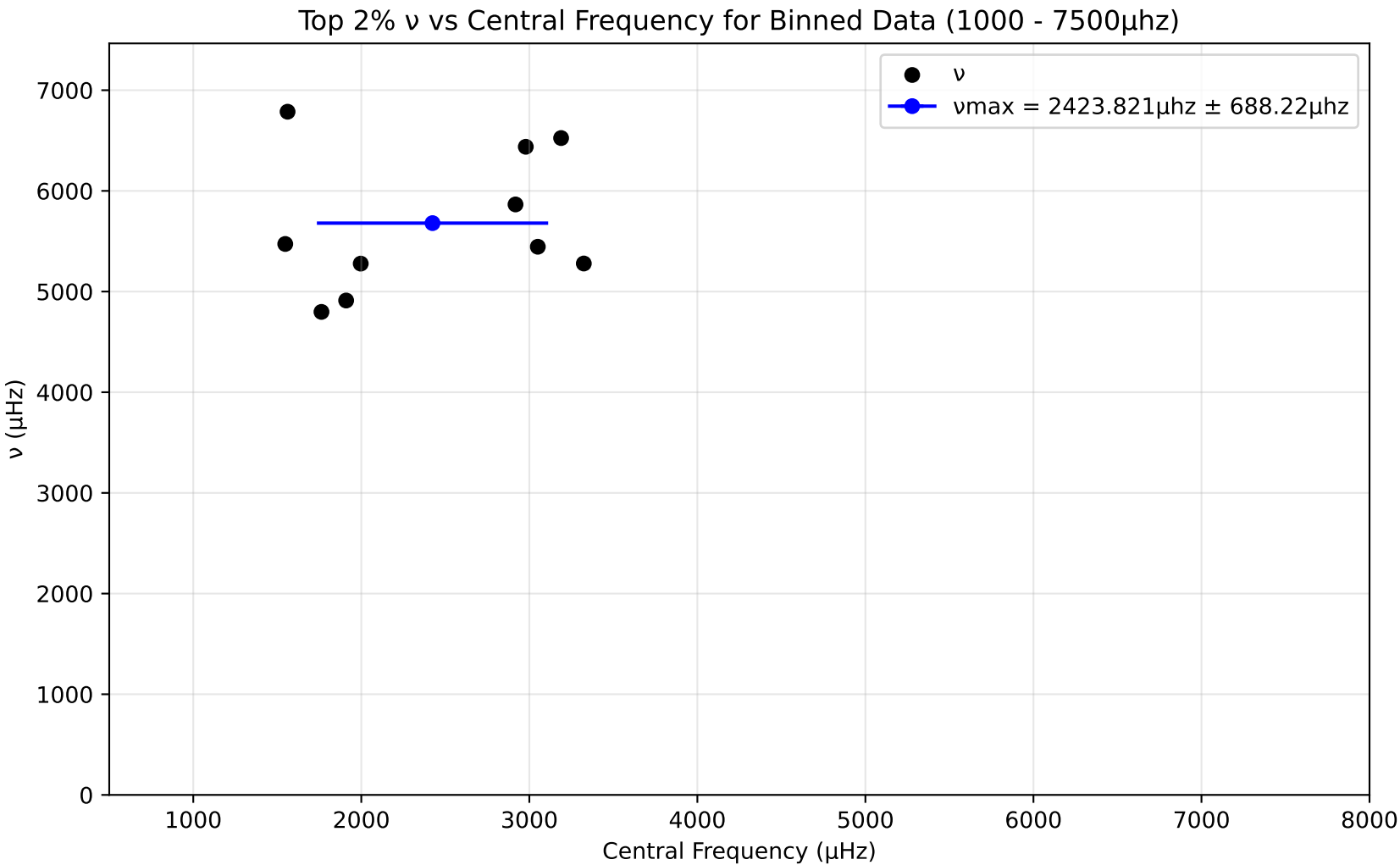

SNR vs Central Frequency for spectrum_15_cams24_vmag8.22.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

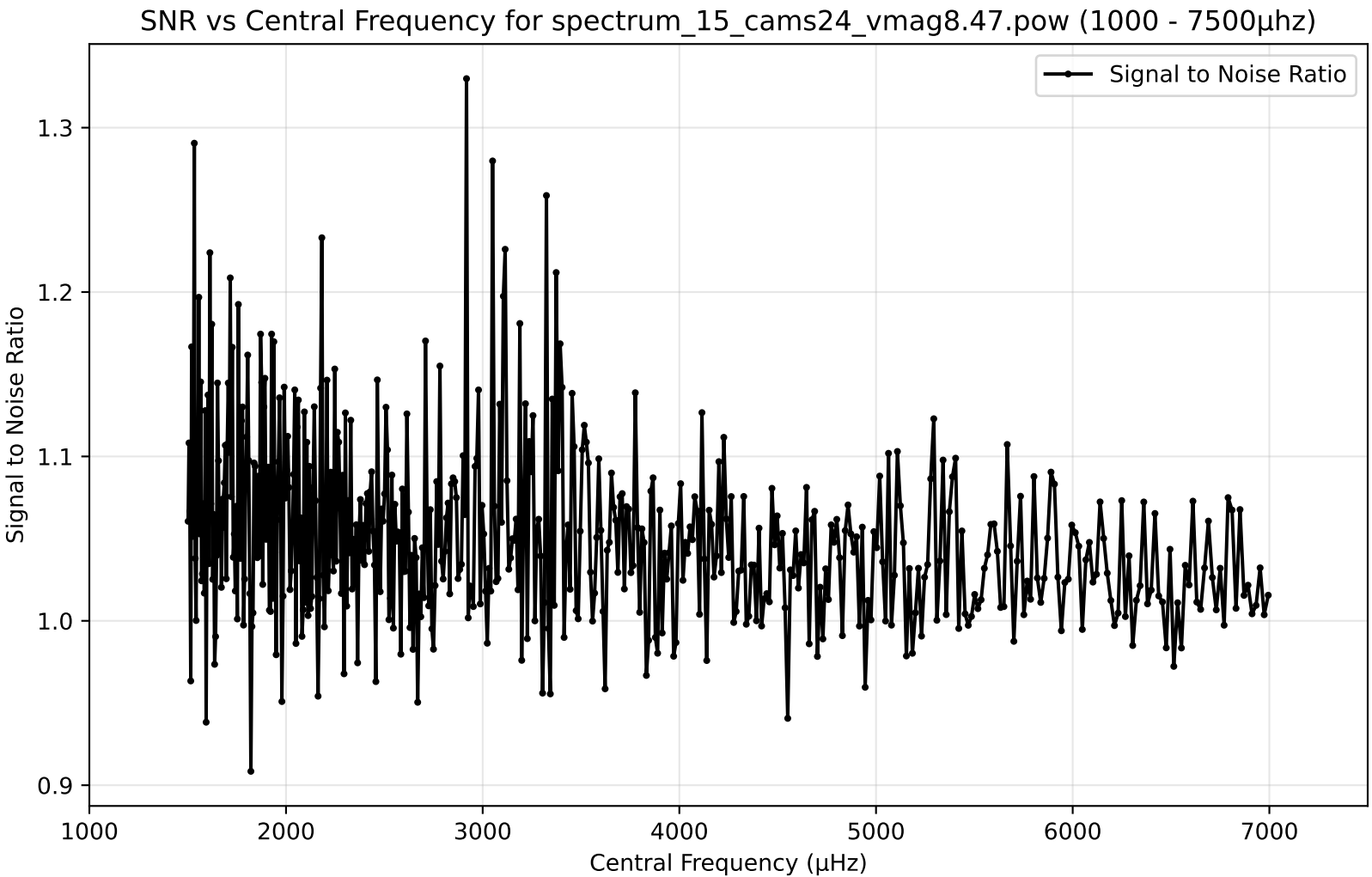

SNR variation for top n% of data for spectrum_15_cams24_vmag8.22.pow. Drowned by noise at 11.0%.
SNR with increasing percentage
SNR
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

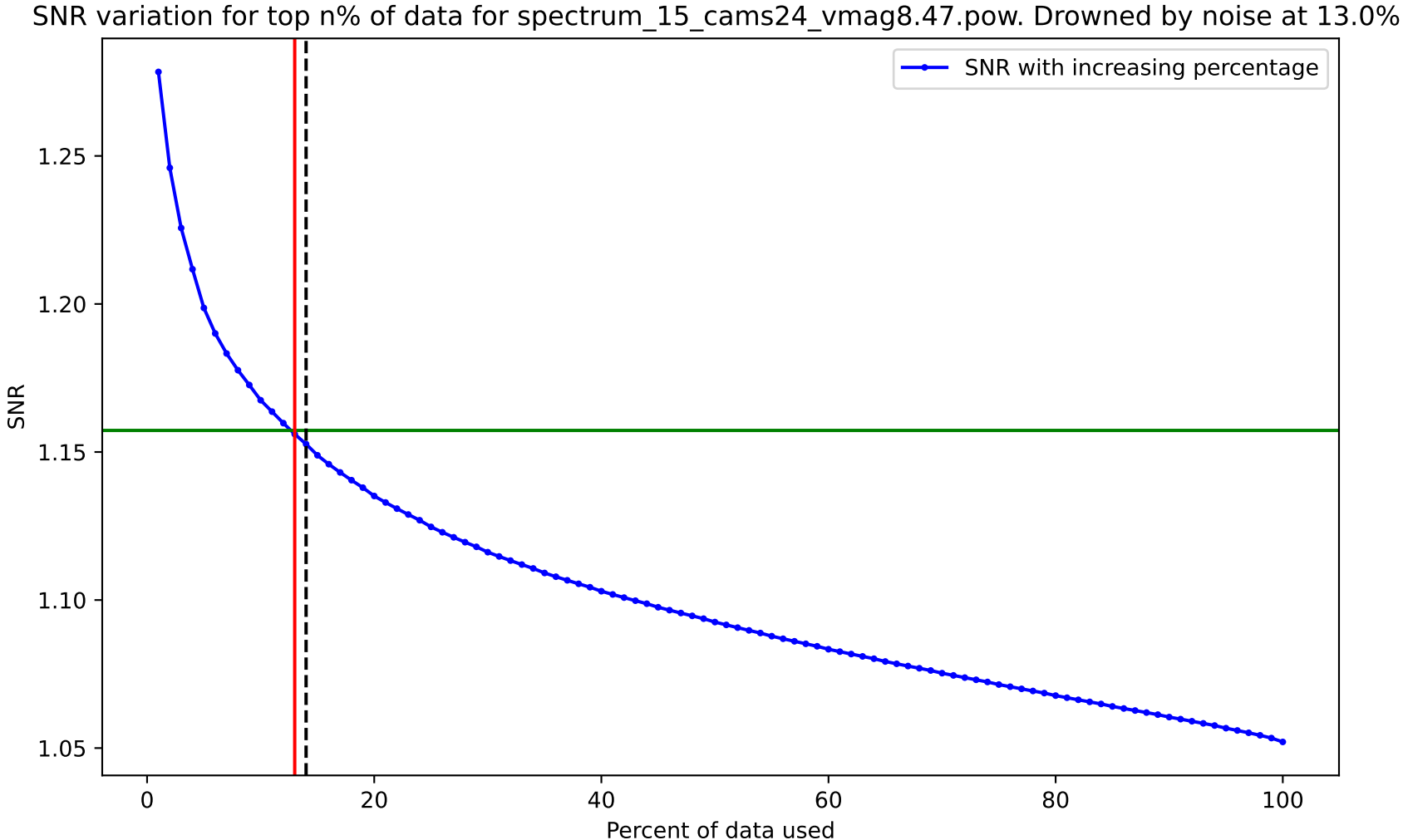

SNR vs Central Frequency for spectrum_15_cams24_vmag8.33.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

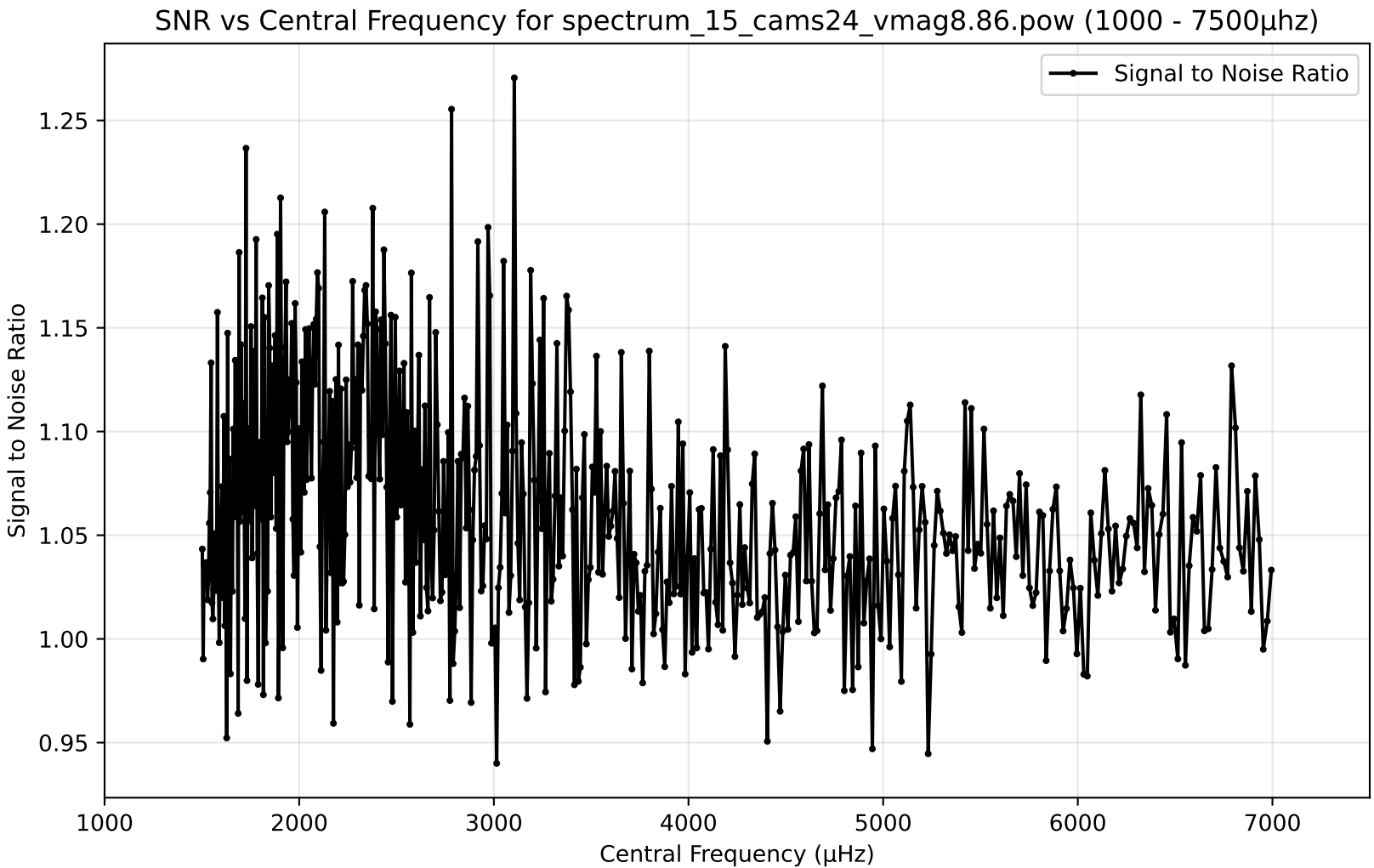

SNR variation for top n% of data for spectrum_15_cams24_vmag8.33.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

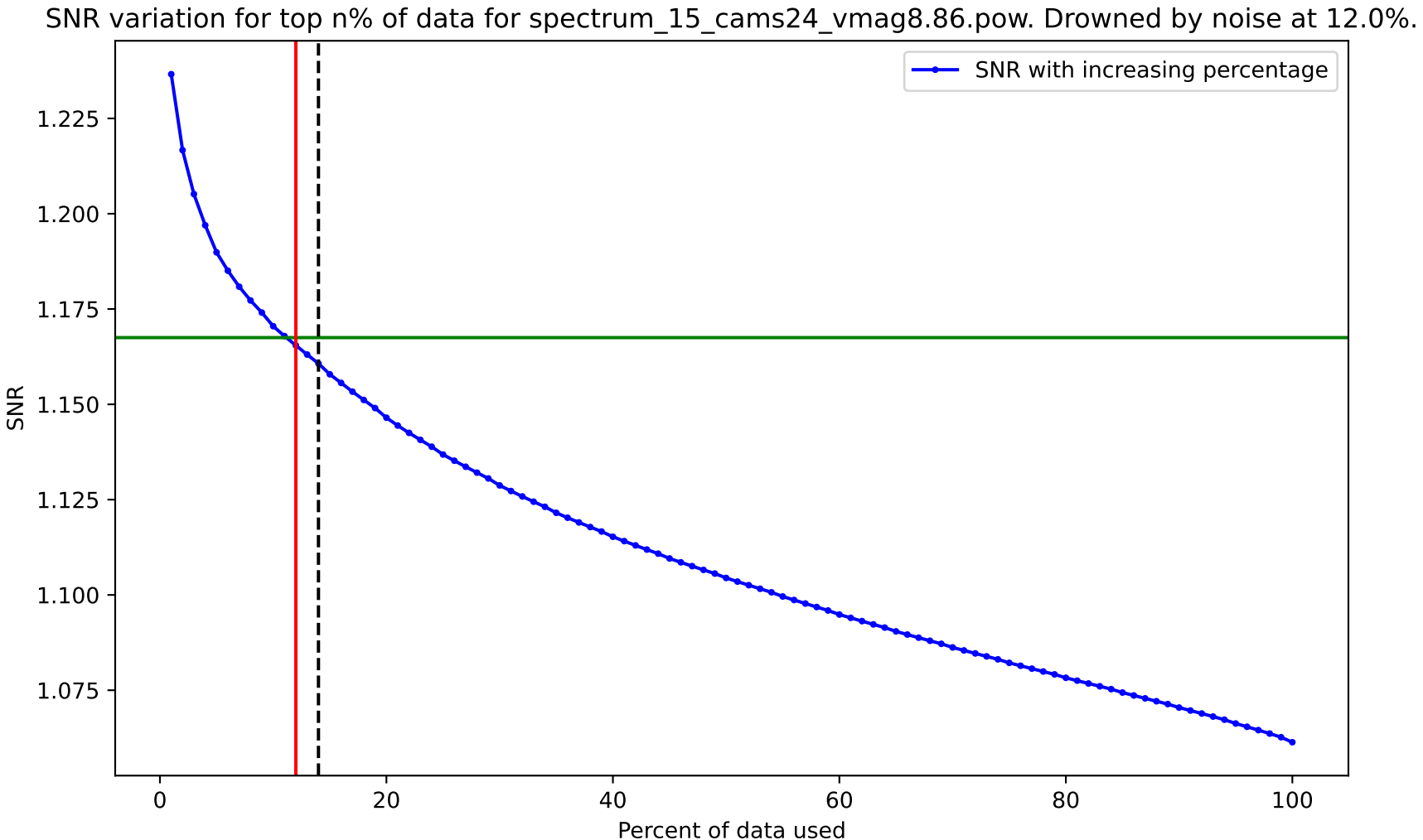

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
6000
4000
2000
0
−2000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

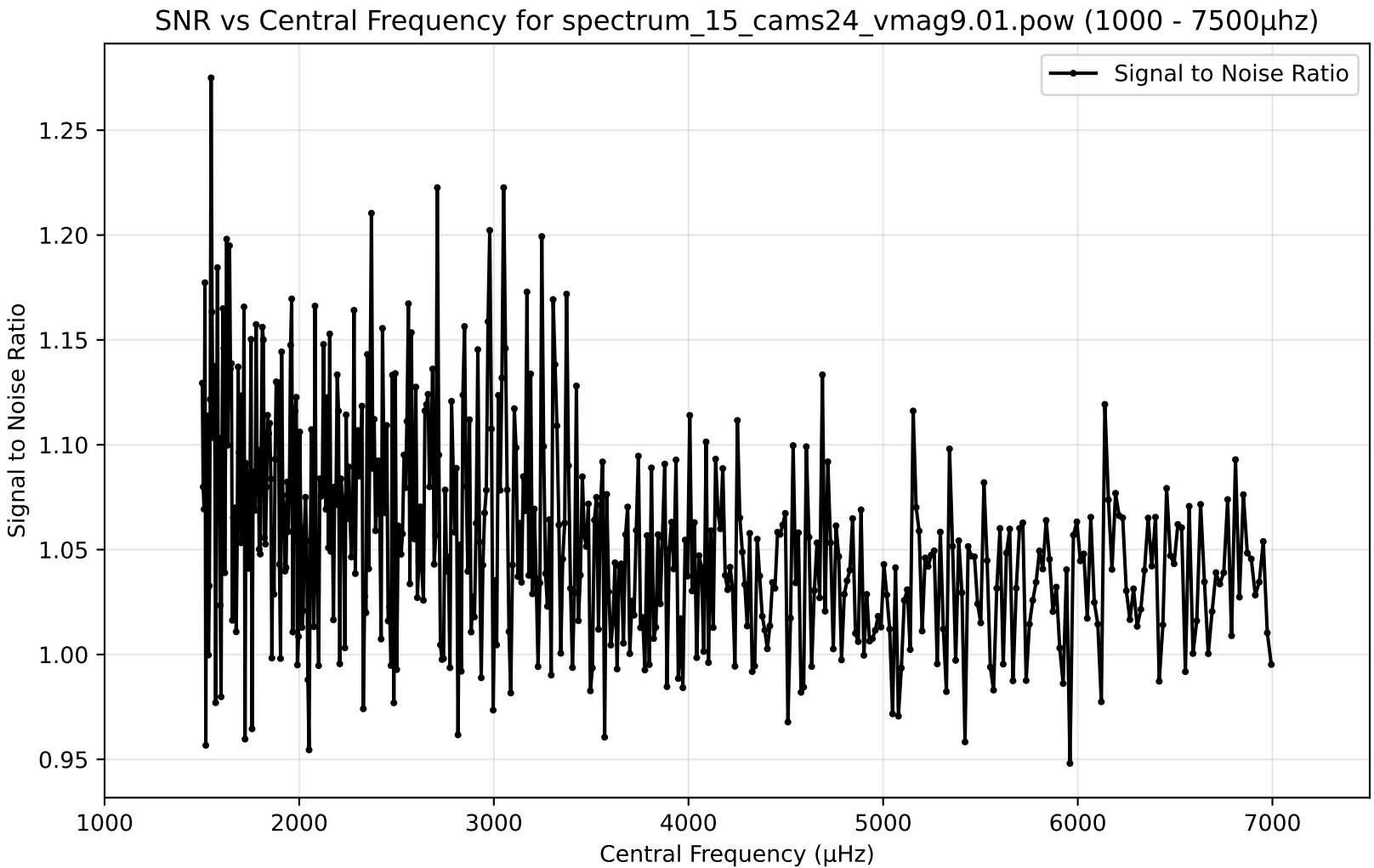

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2423.821μhz ± 688.22μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

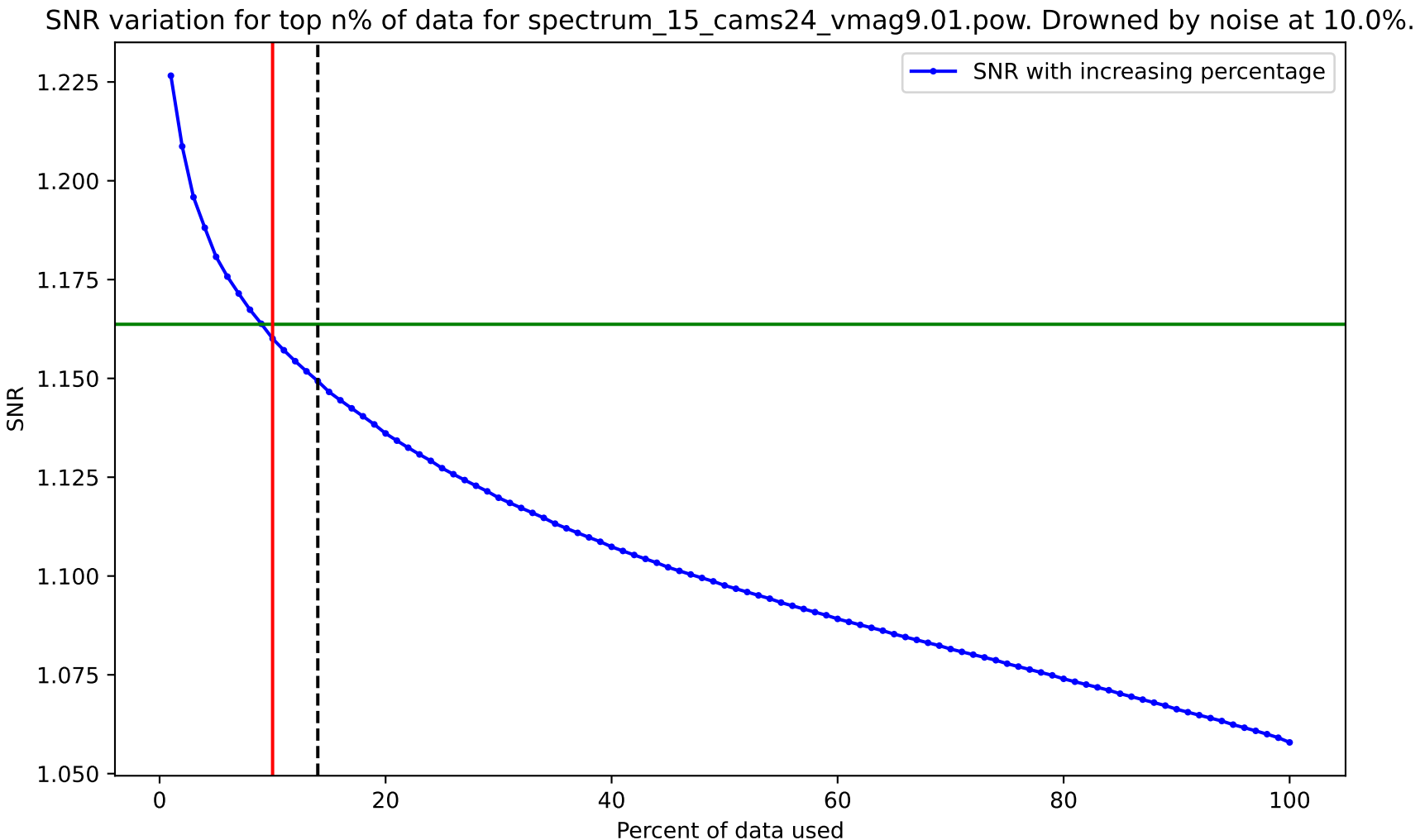

SNR vs Central Frequency for spectrum_15_cams24_vmag8.47.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

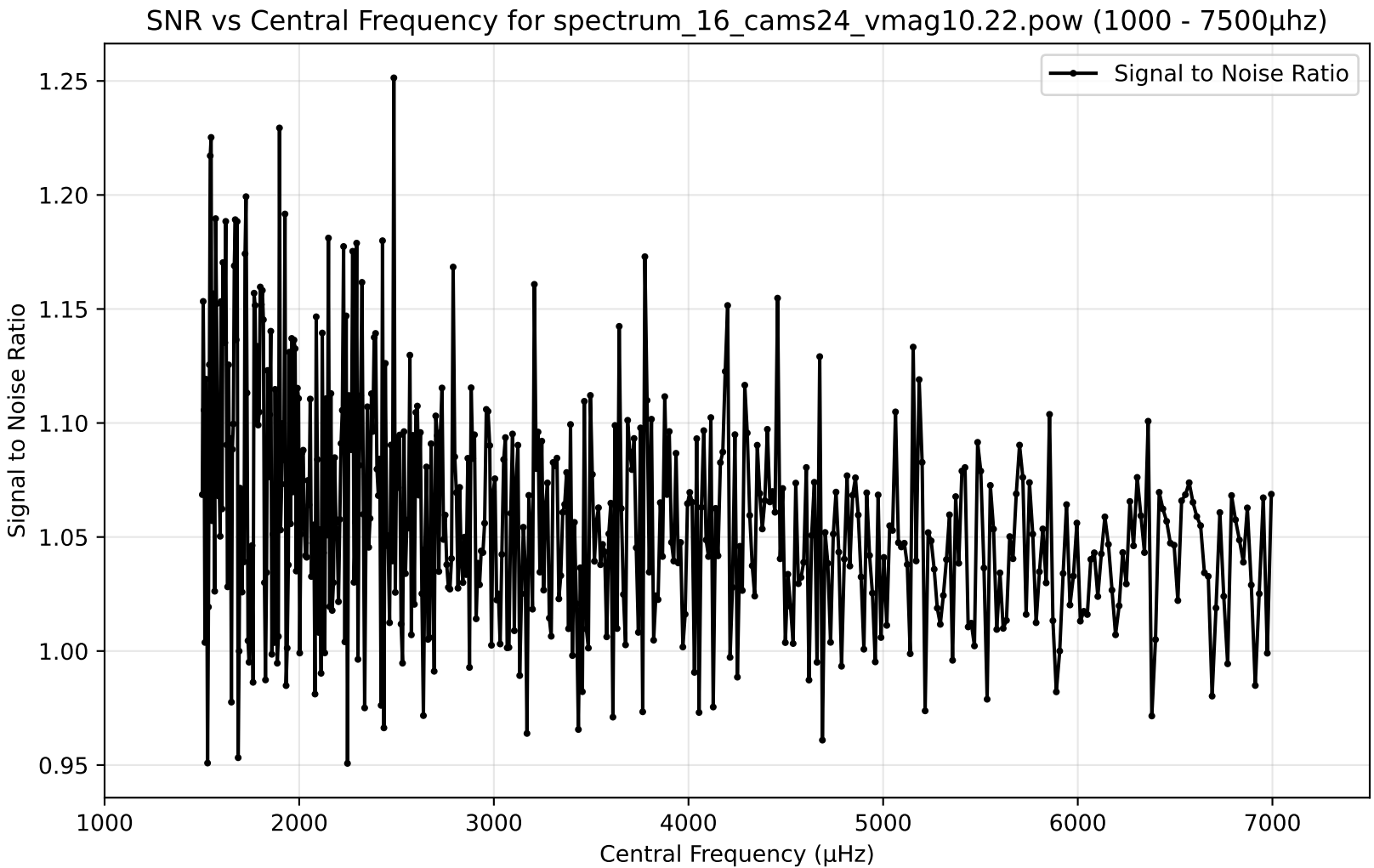

SNR variation for top n% of data for spectrum_15_cams24_vmag8.47.pow. Drowned by noise at 13.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

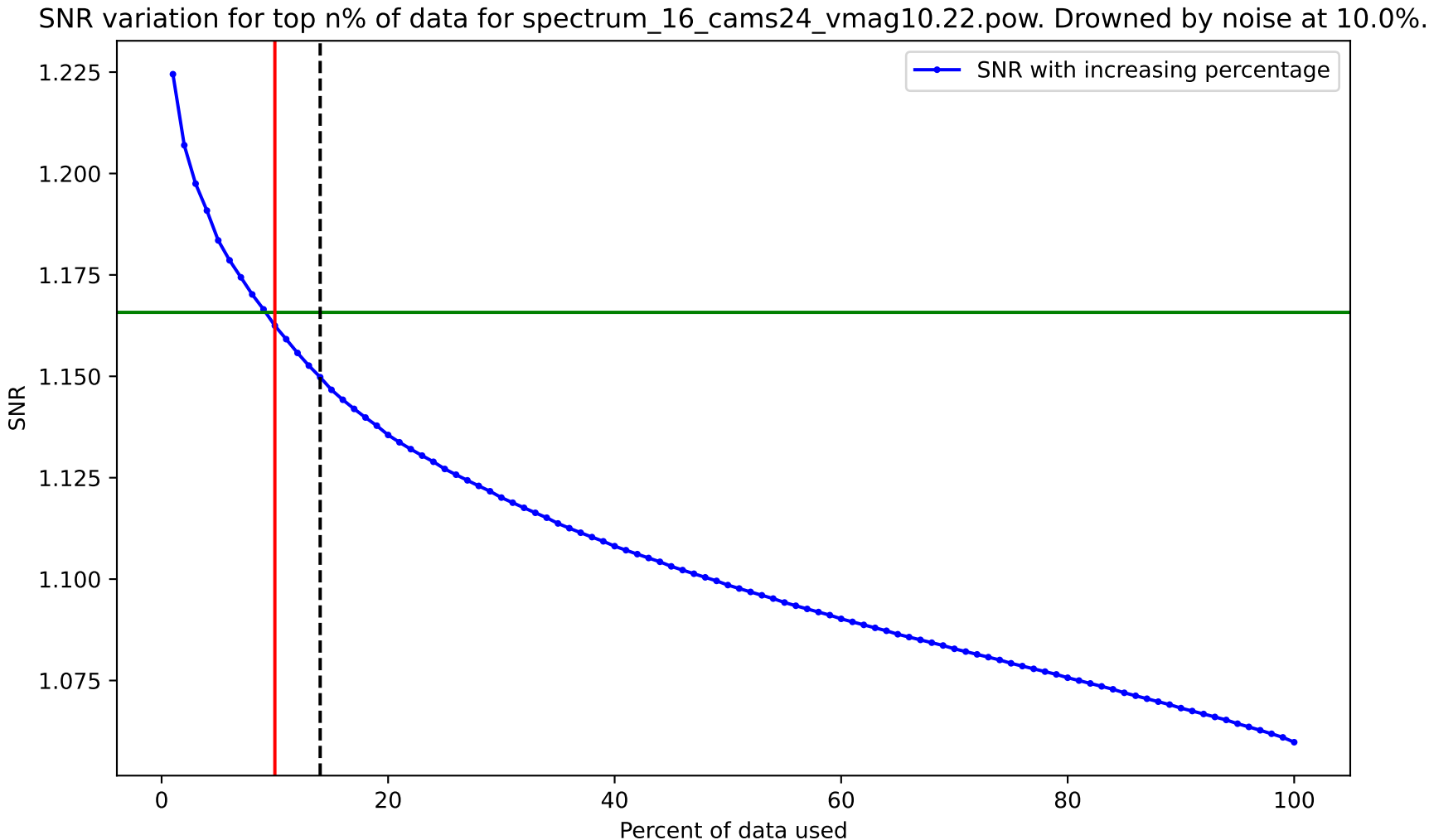

SNR vs Central Frequency for spectrum_15_cams24_vmag8.86.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

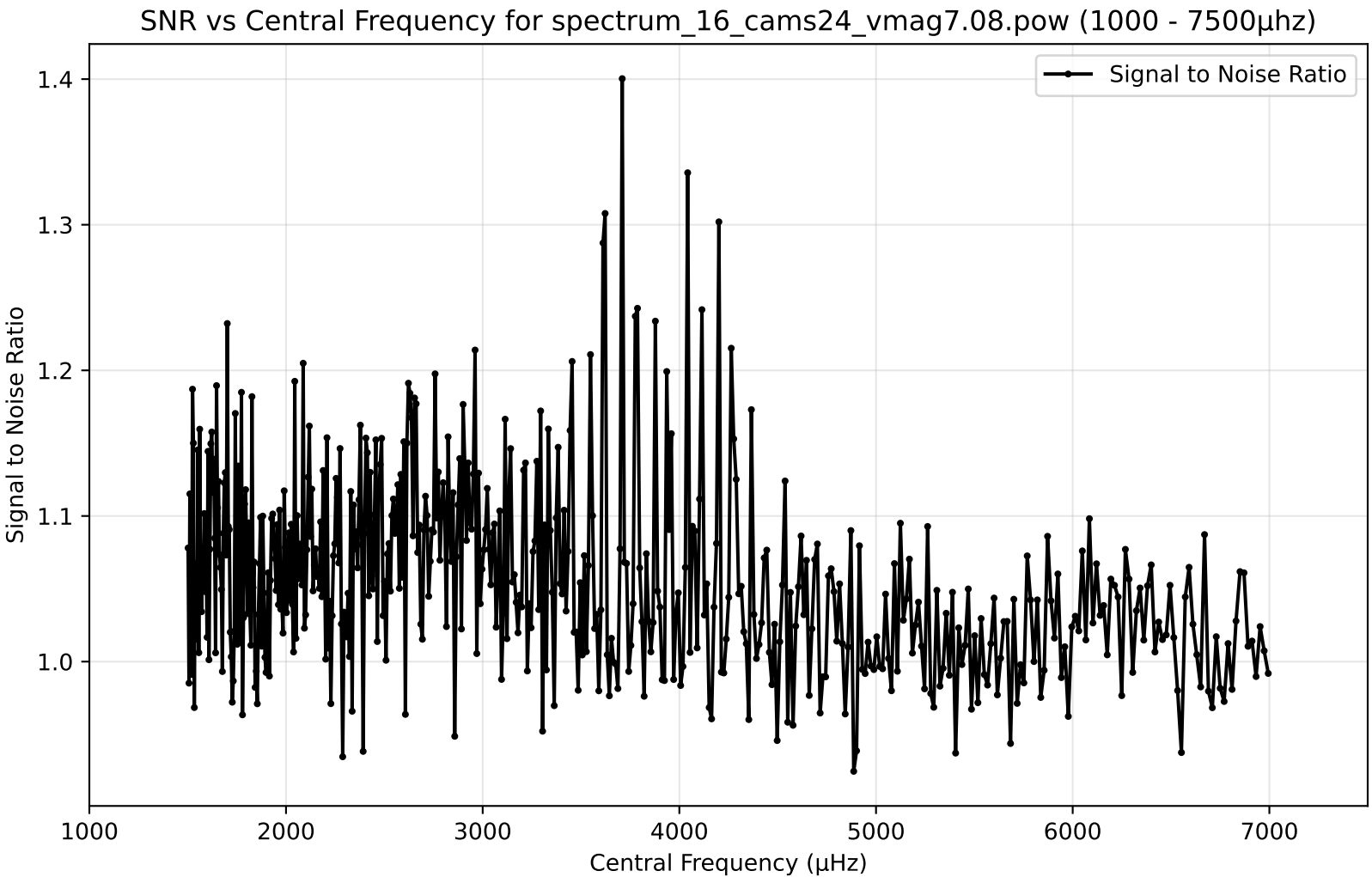

SNR variation for top n% of data for spectrum_15_cams24_vmag8.86.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

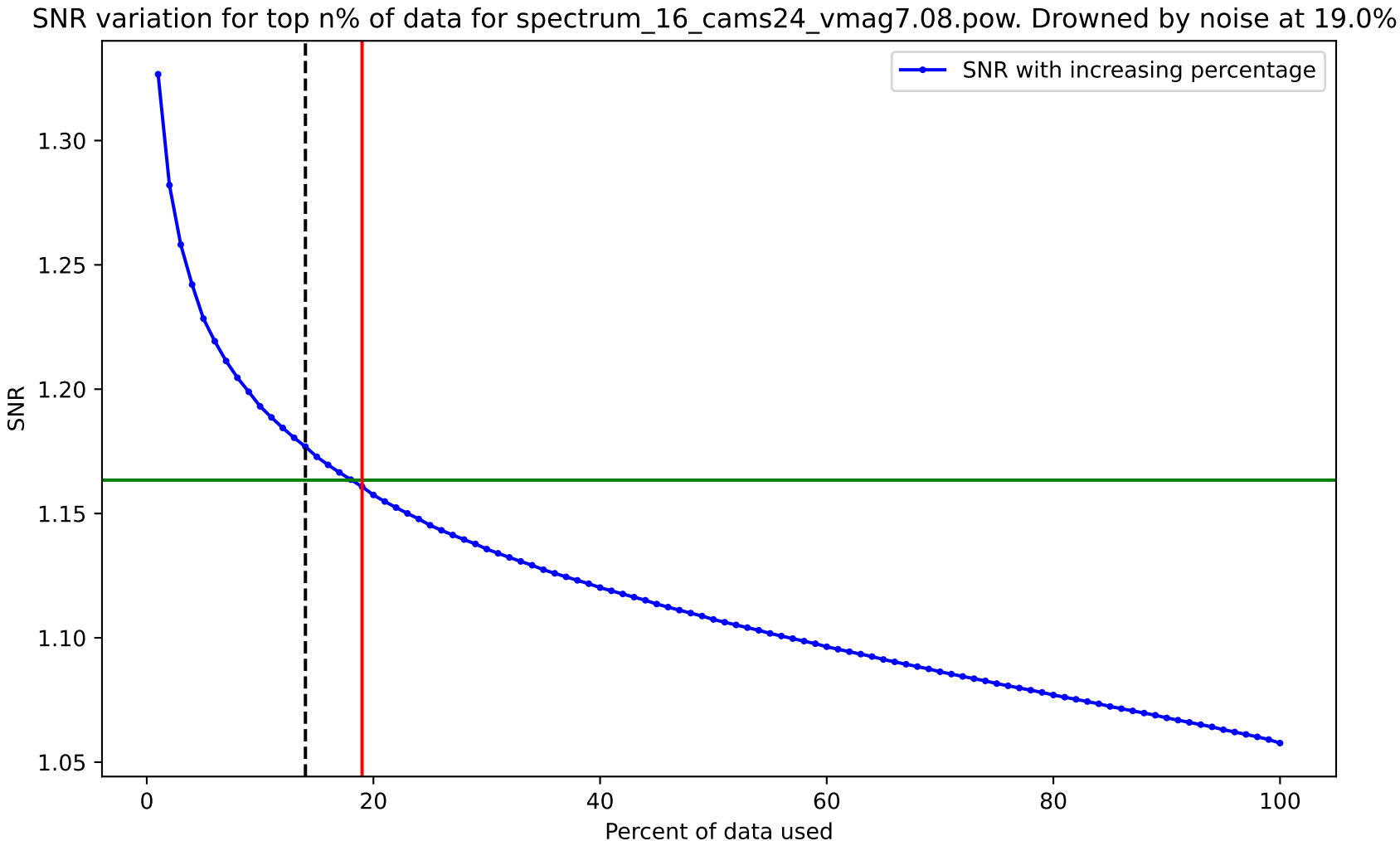

SNR vs Central Frequency for spectrum_15_cams24_vmag9.01.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

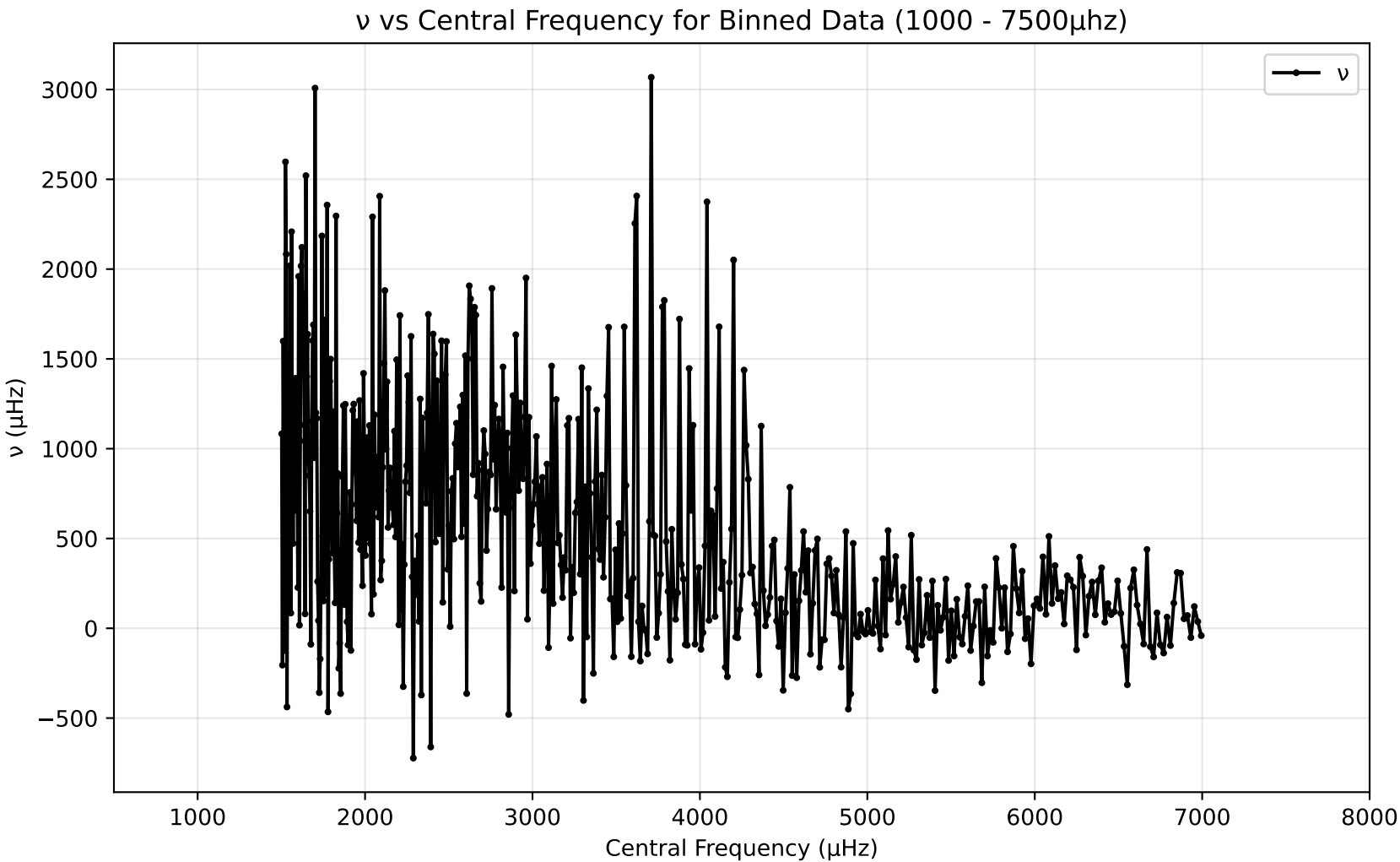

SNR variation for top n% of data for spectrum_15_cams24_vmag9.01.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

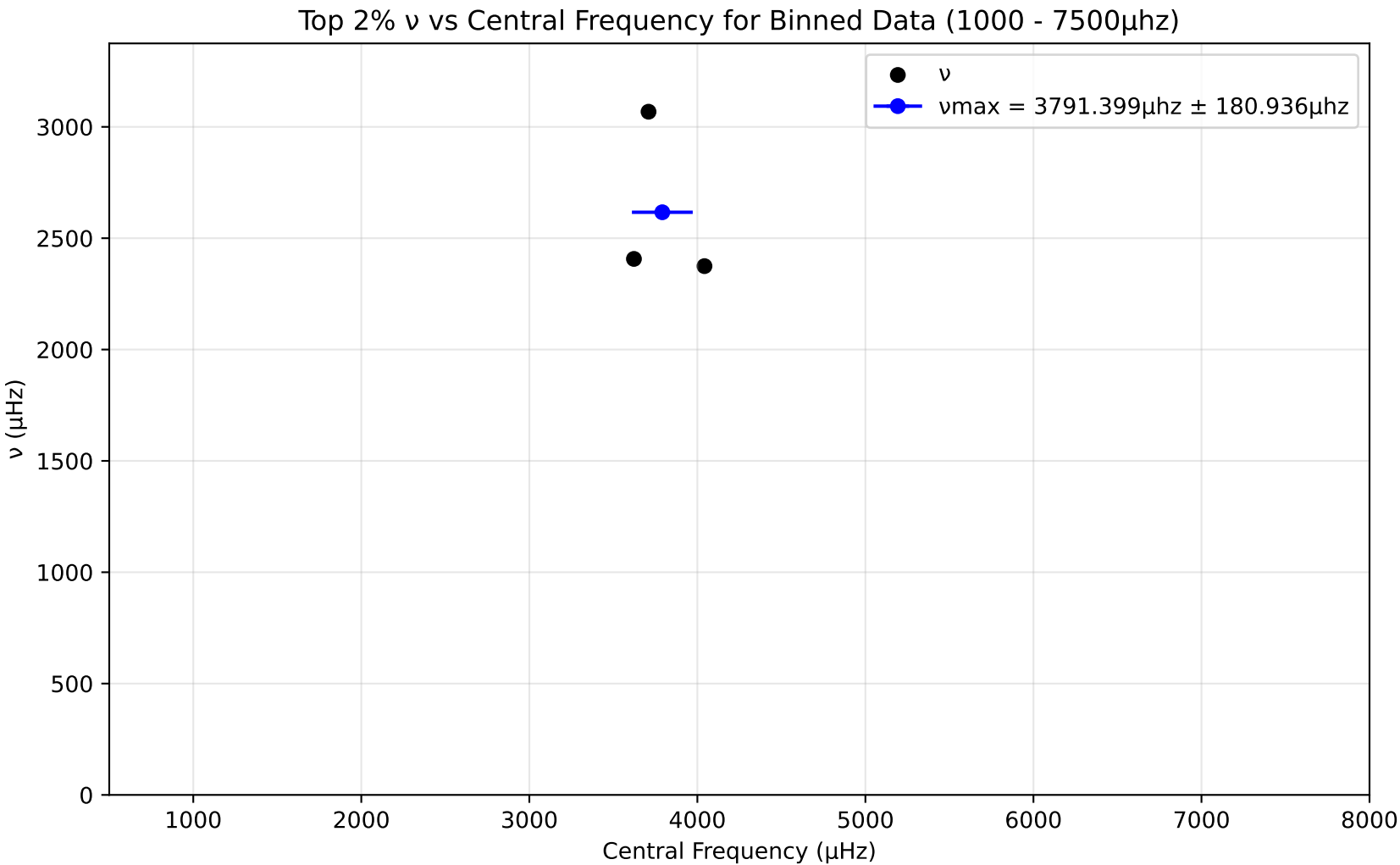

SNR vs Central Frequency for spectrum_16_cams24_vmag10.22.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

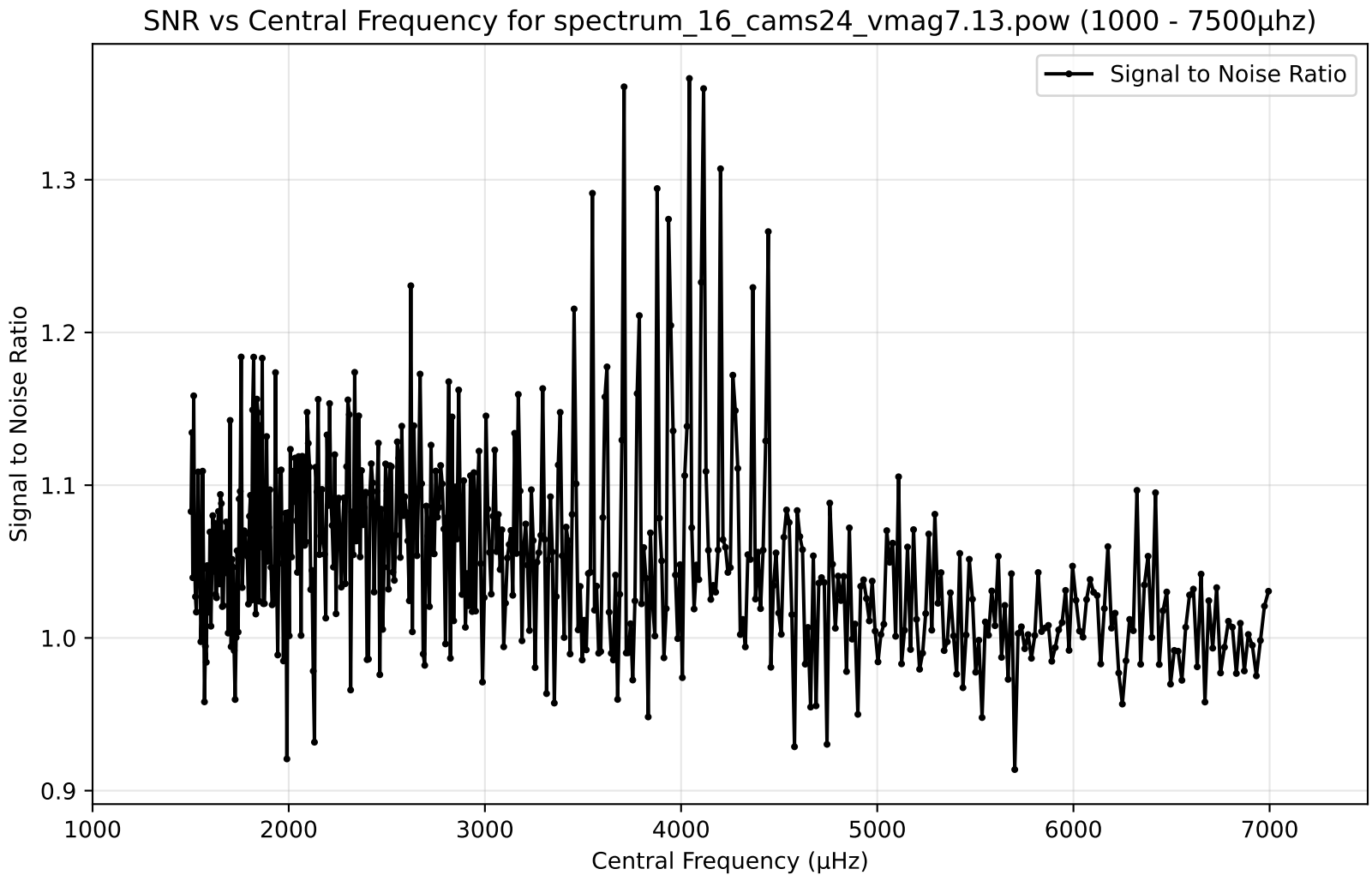

SNR variation for top n% of data for spectrum_16_cams24_vmag10.22.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

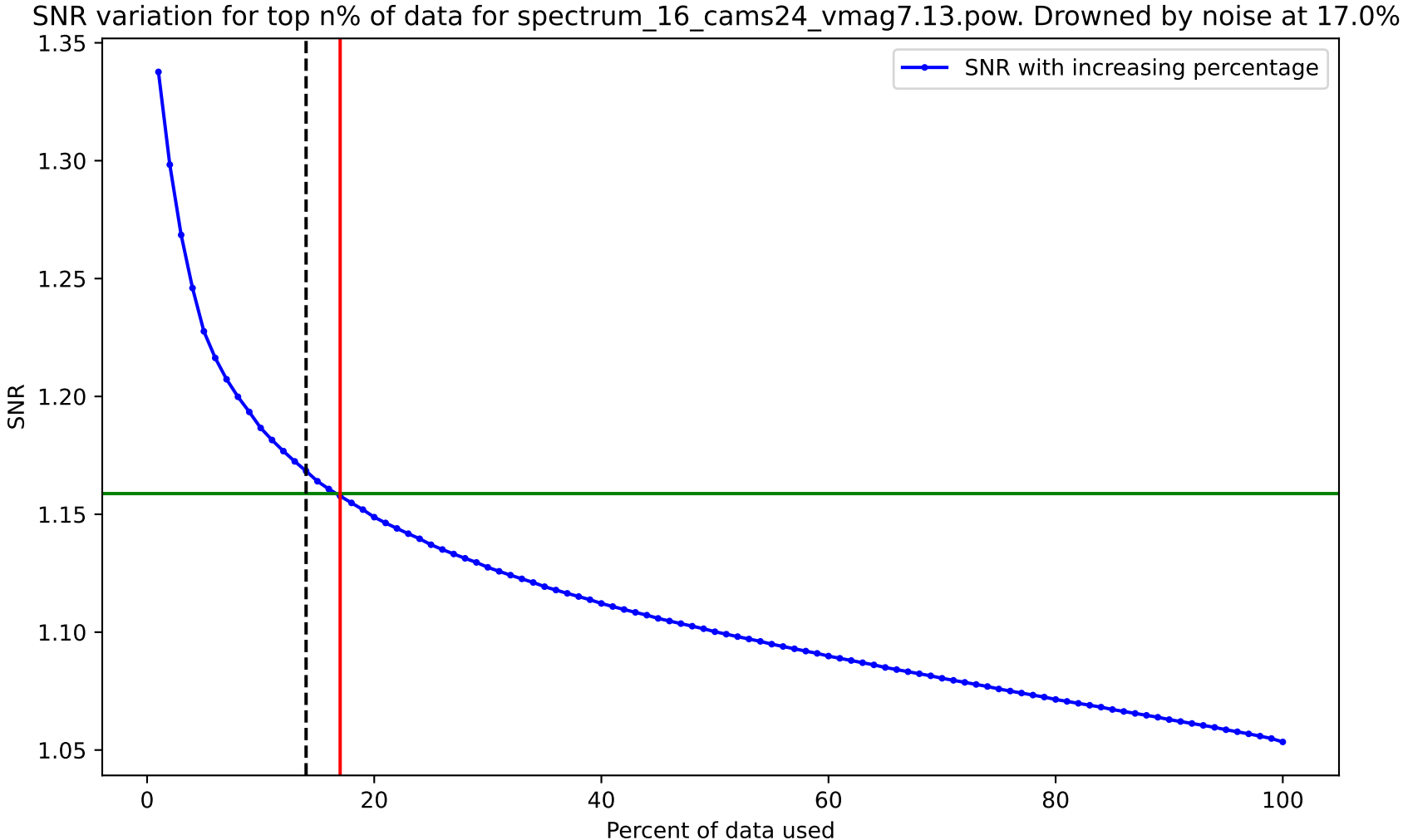

SNR vs Central Frequency for spectrum_16_cams24_vmag7.08.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.0
1.1
1.2
1.3
1.4
1000
2000
3000
4000
5000
6000
7000

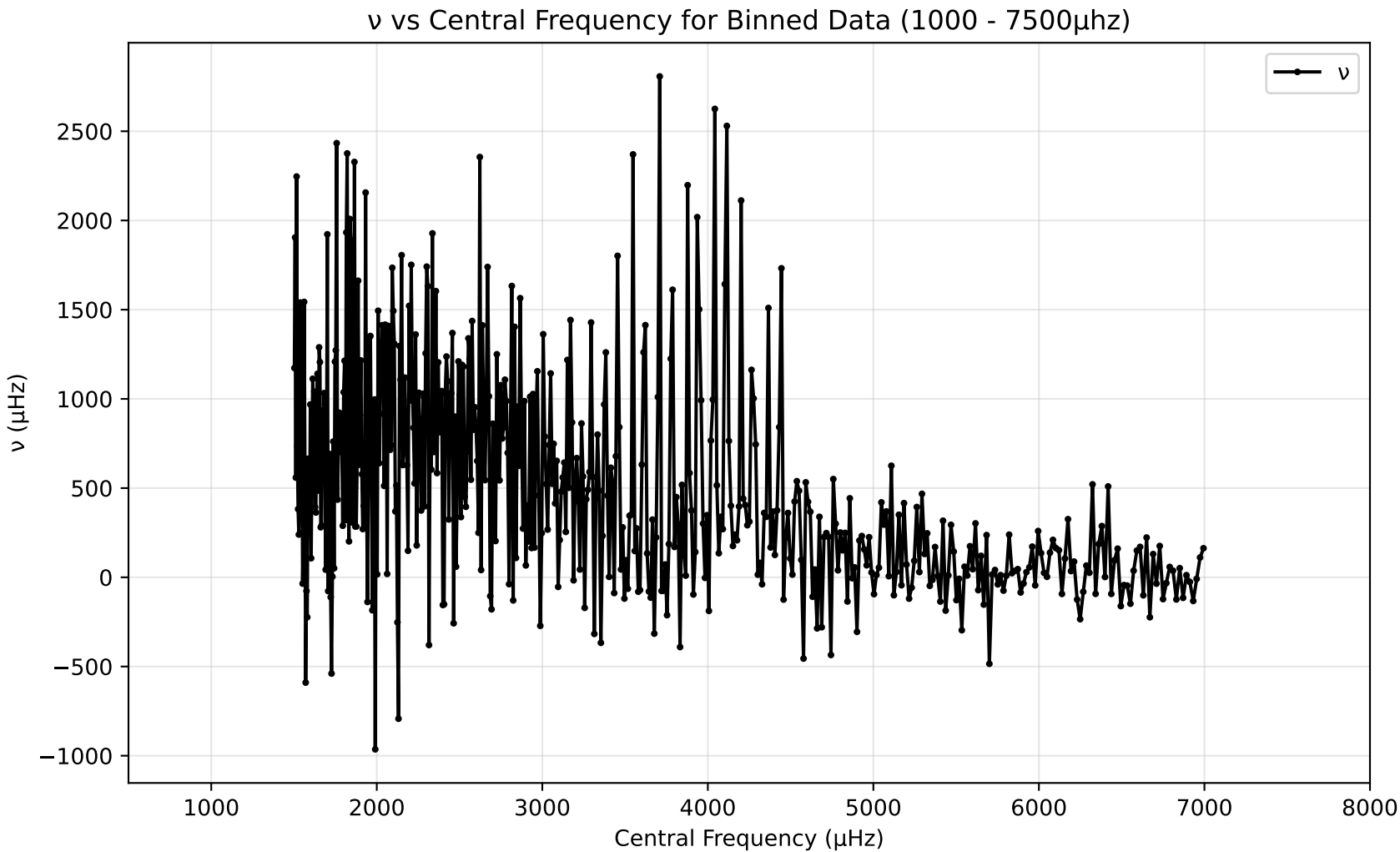

SNR variation for top n% of data for spectrum_16_cams24_vmag7.08.pow. Drowned by noise at 19.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

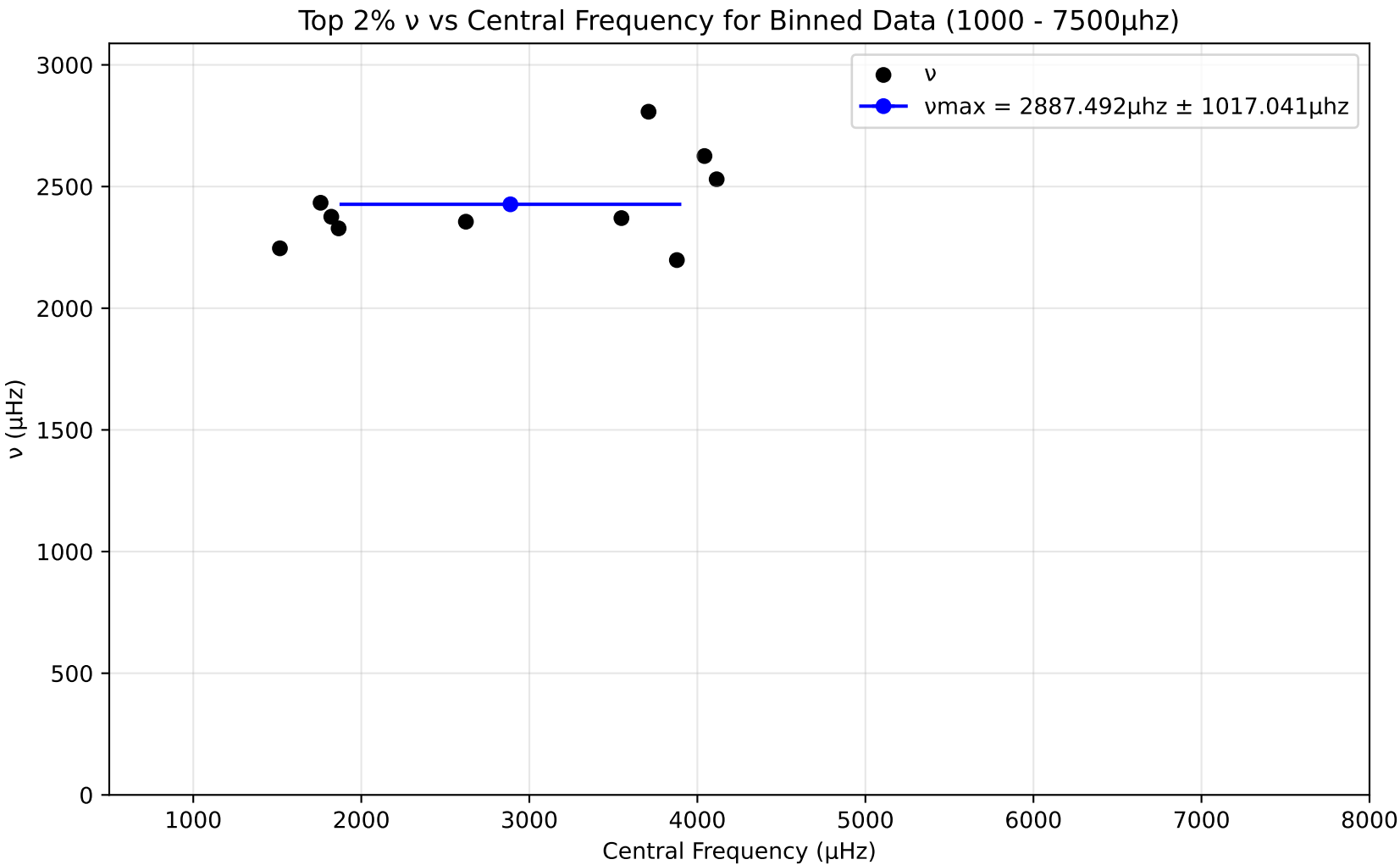

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
3000
2500
2000
1500
1000
500
0
−500
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

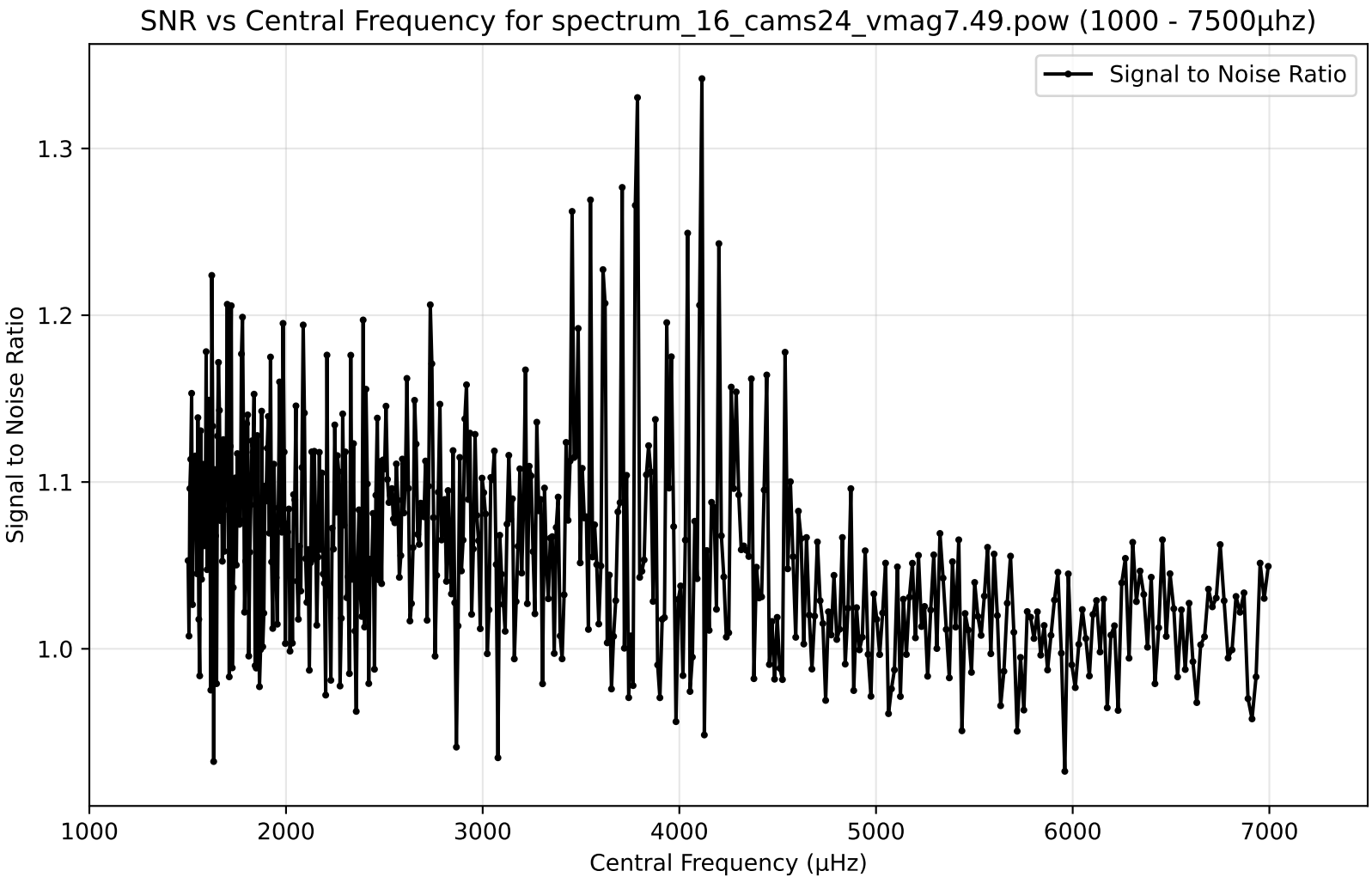

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3791.399μhz ± 180.936μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
1000
2000
3000
4000
5000
6000
7000
8000

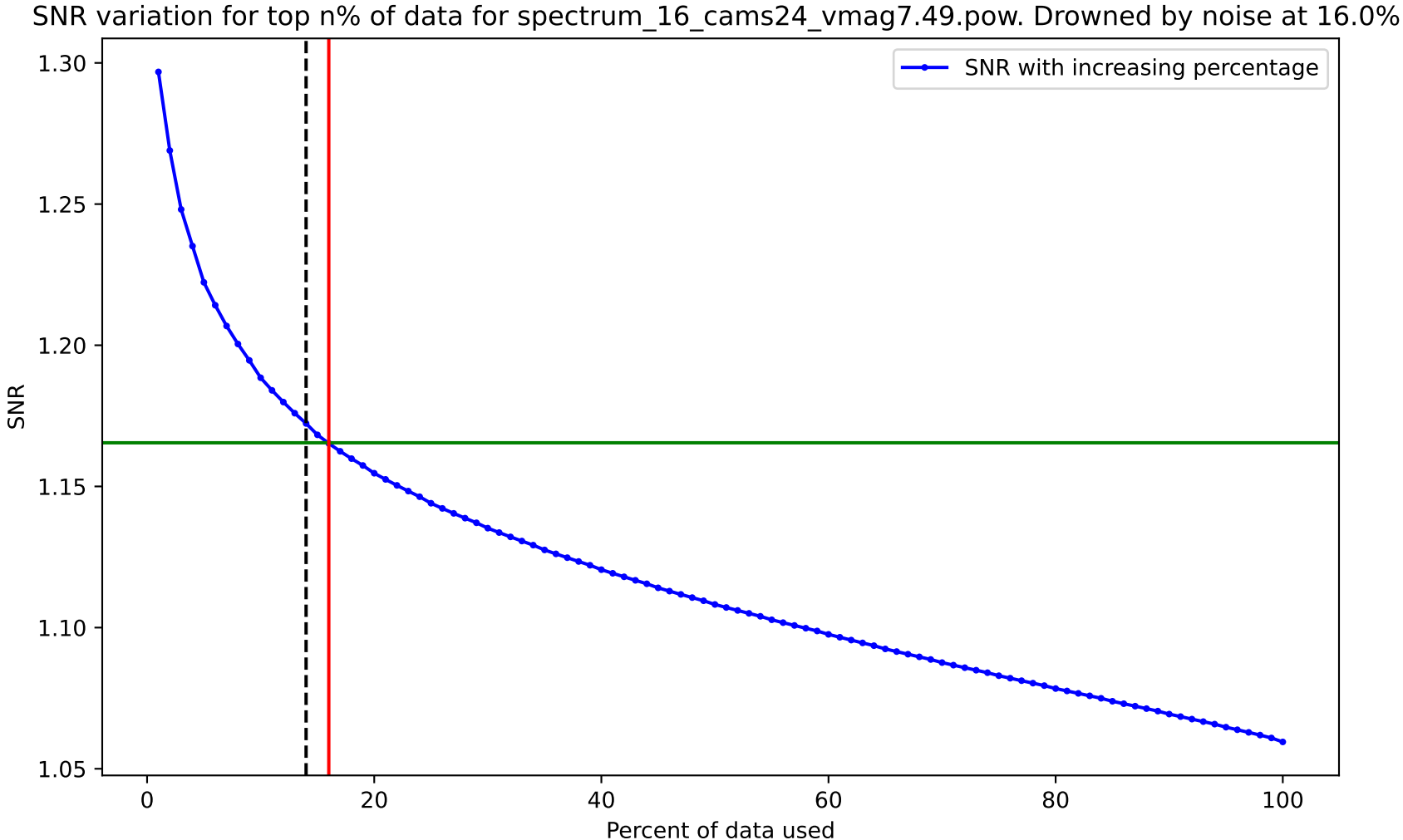

SNR vs Central Frequency for spectrum_16_cams24_vmag7.13.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
0.9
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000

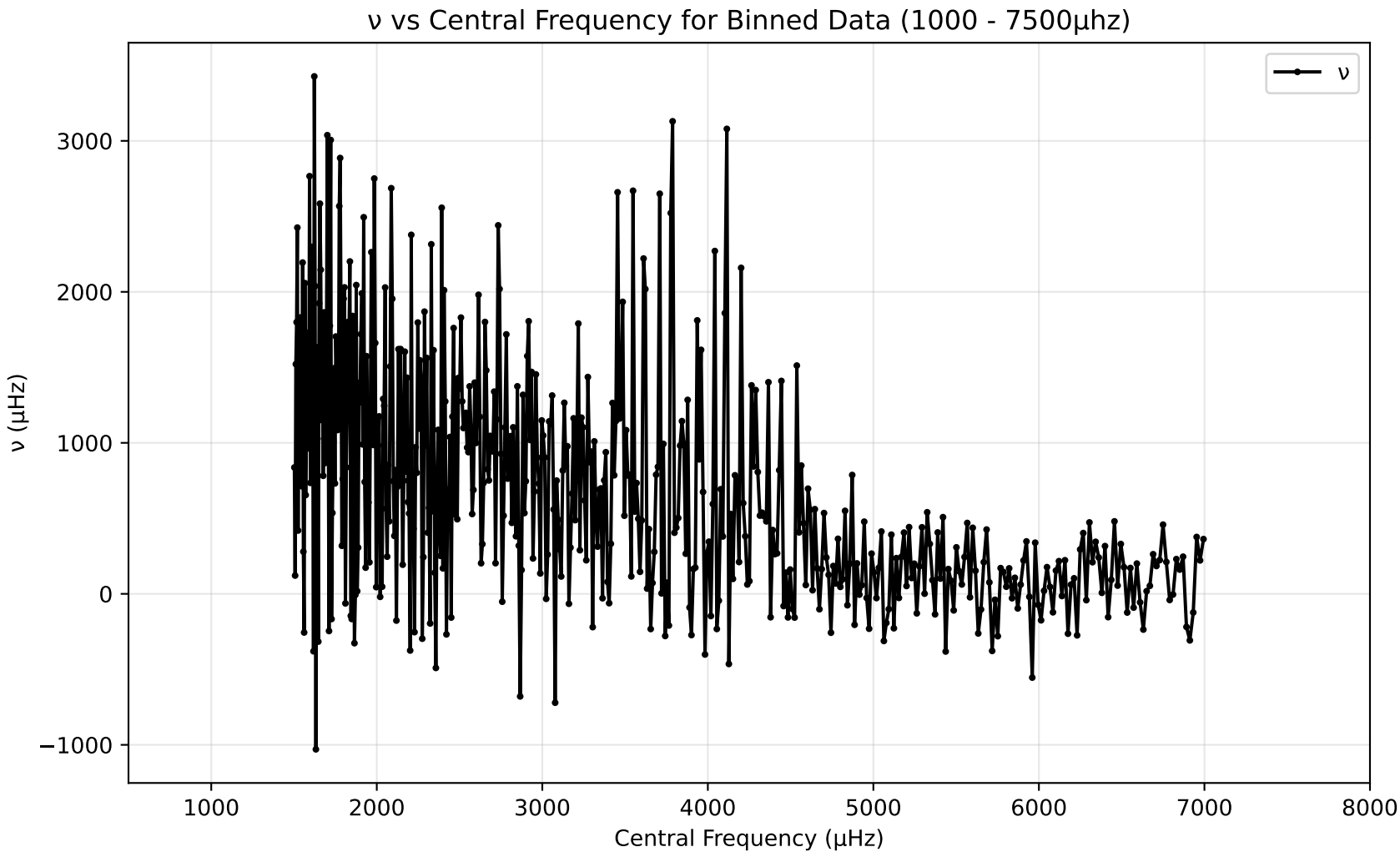

SNR variation for top n% of data for spectrum_16_cams24_vmag7.13.pow. Drowned by noise at 17.0%.
SNR with increasing percentage
SNR
Percent of data used
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100

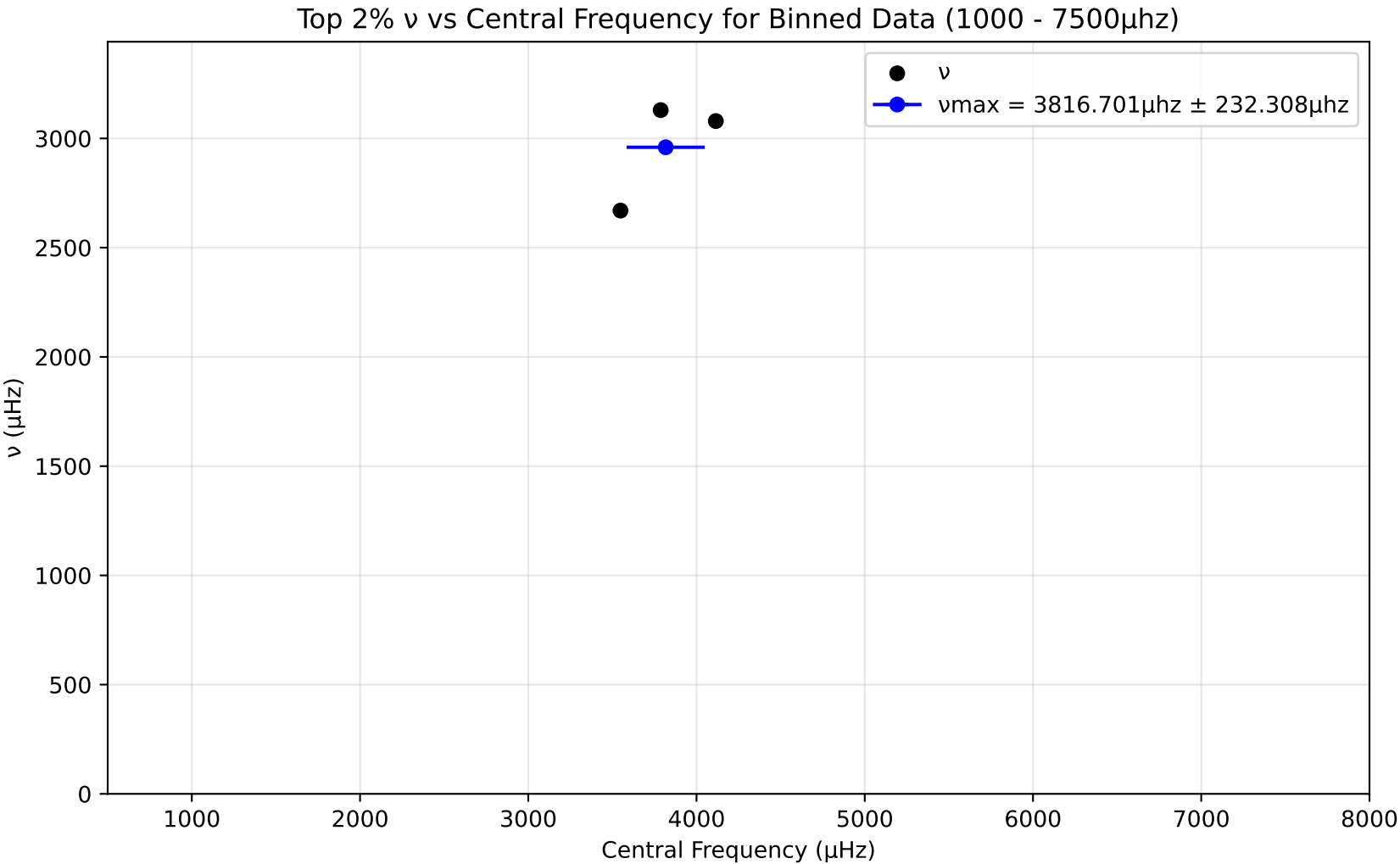

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
2500
2000
1500
1000
500
0
−500
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

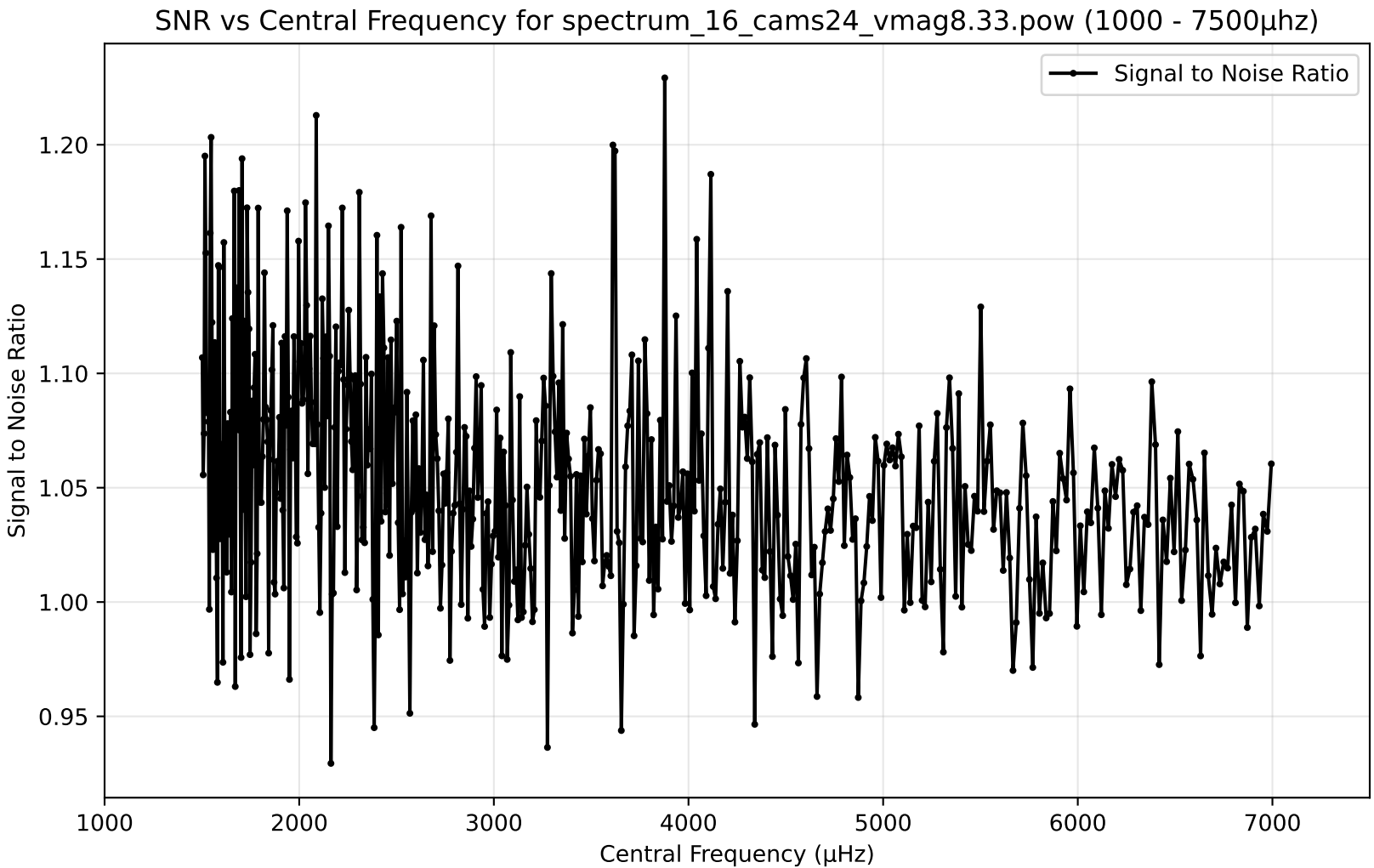

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2887.492μhz ± 1017.041μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
1000
2000
3000
4000
5000
6000
7000
8000

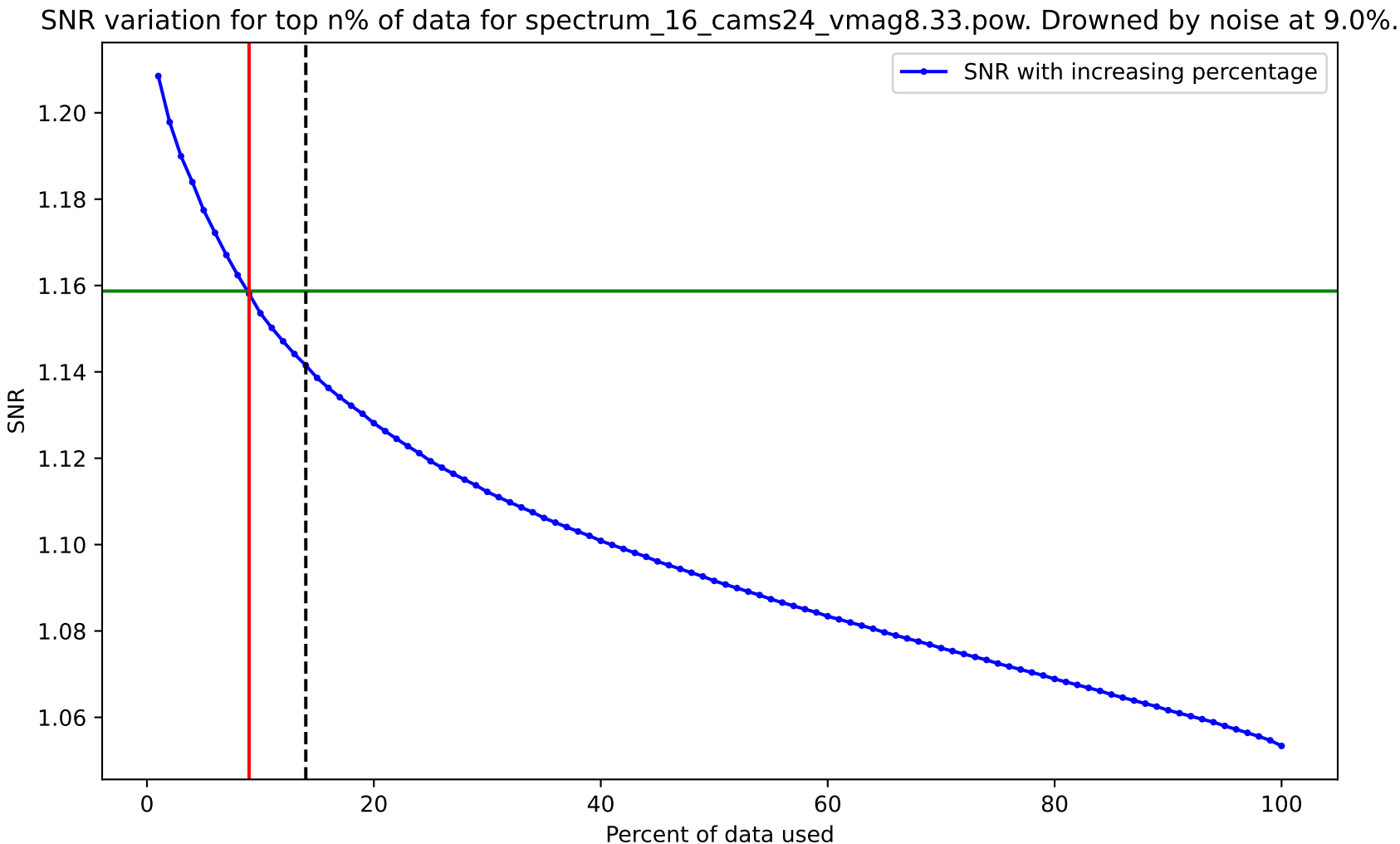

SNR vs Central Frequency for spectrum_16_cams24_vmag7.49.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

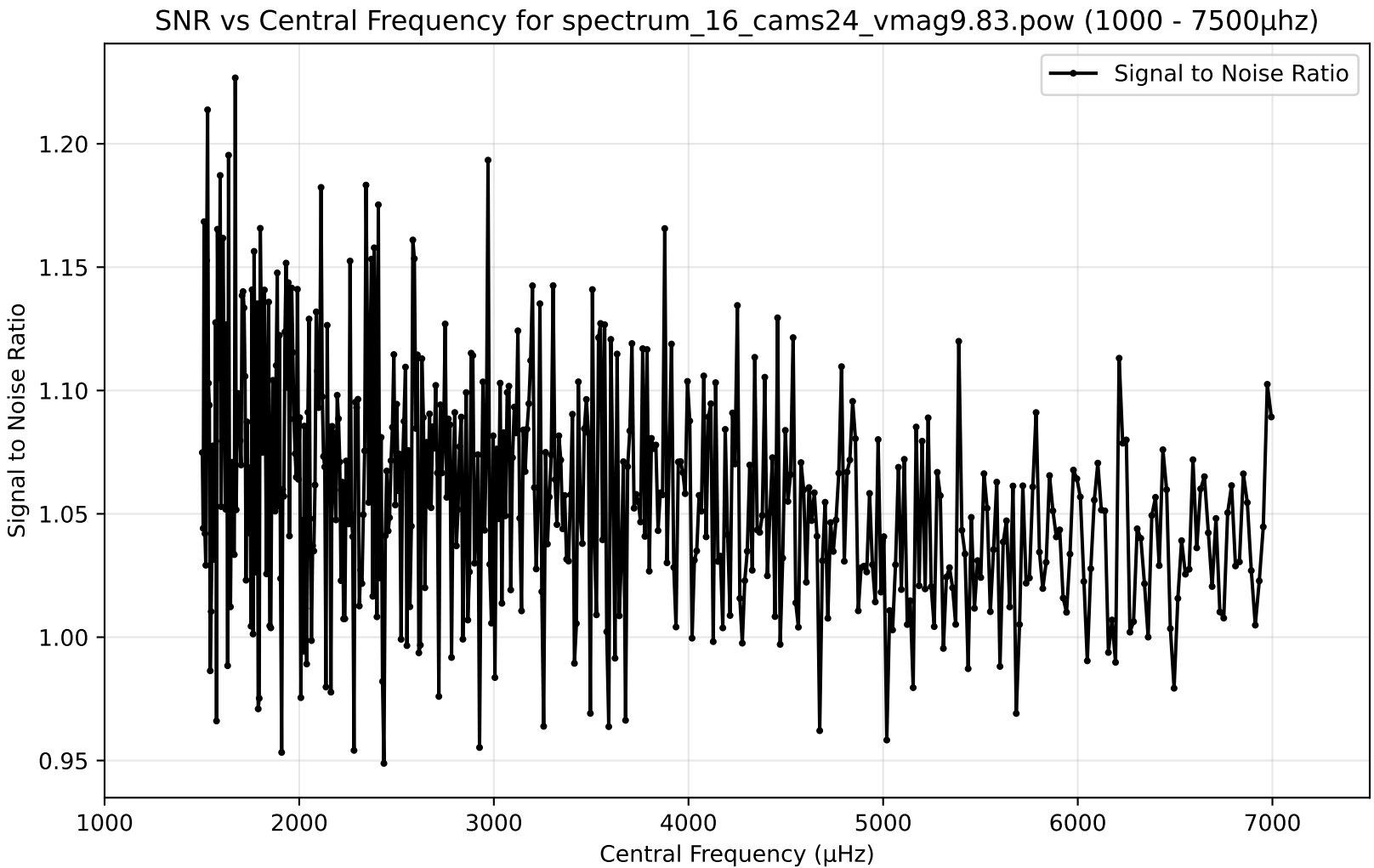

SNR variation for top n% of data for spectrum_16_cams24_vmag7.49.pow. Drowned by noise at 16.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

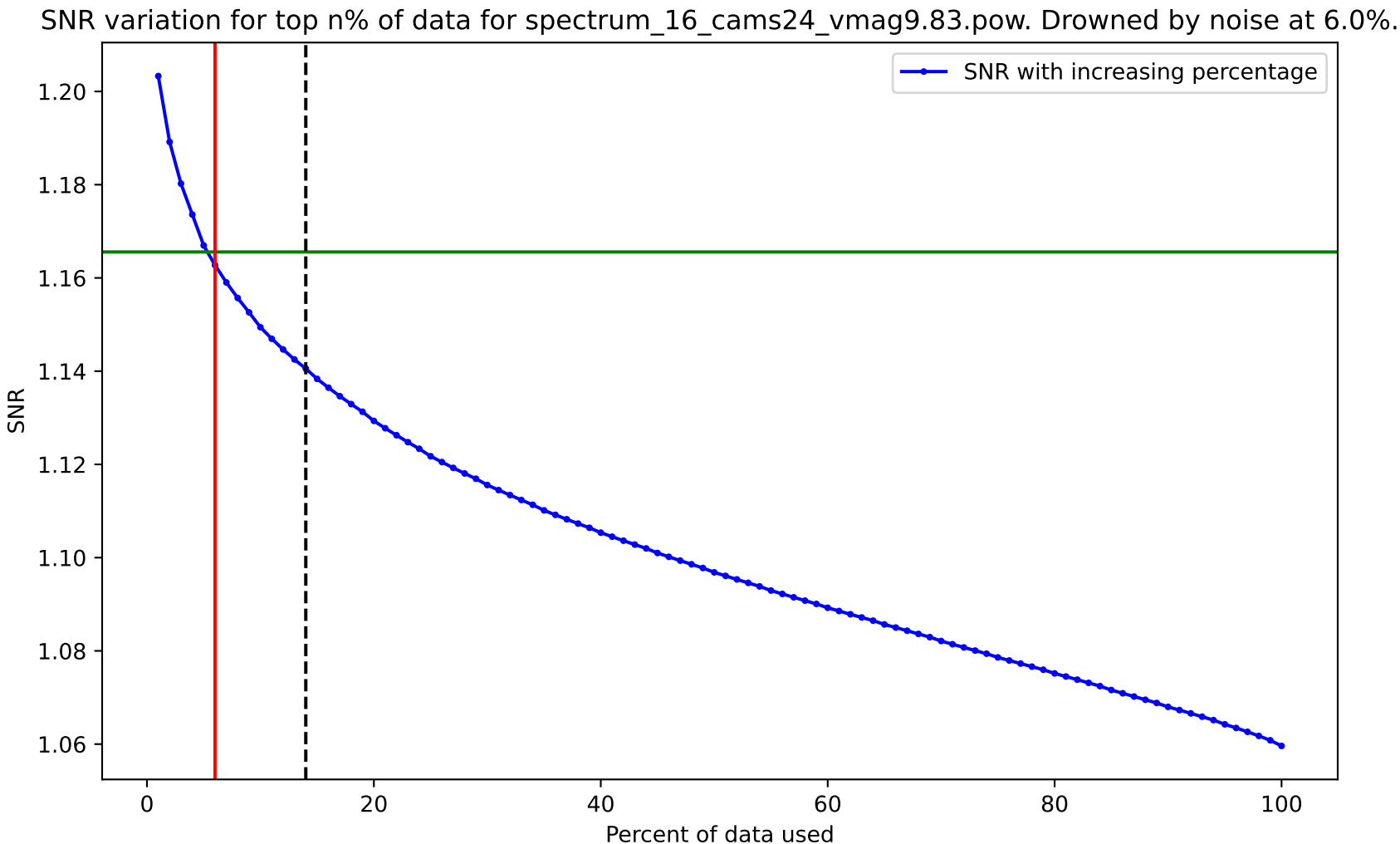

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
3000
2000
1000
0
−1000
ν (μHz)
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

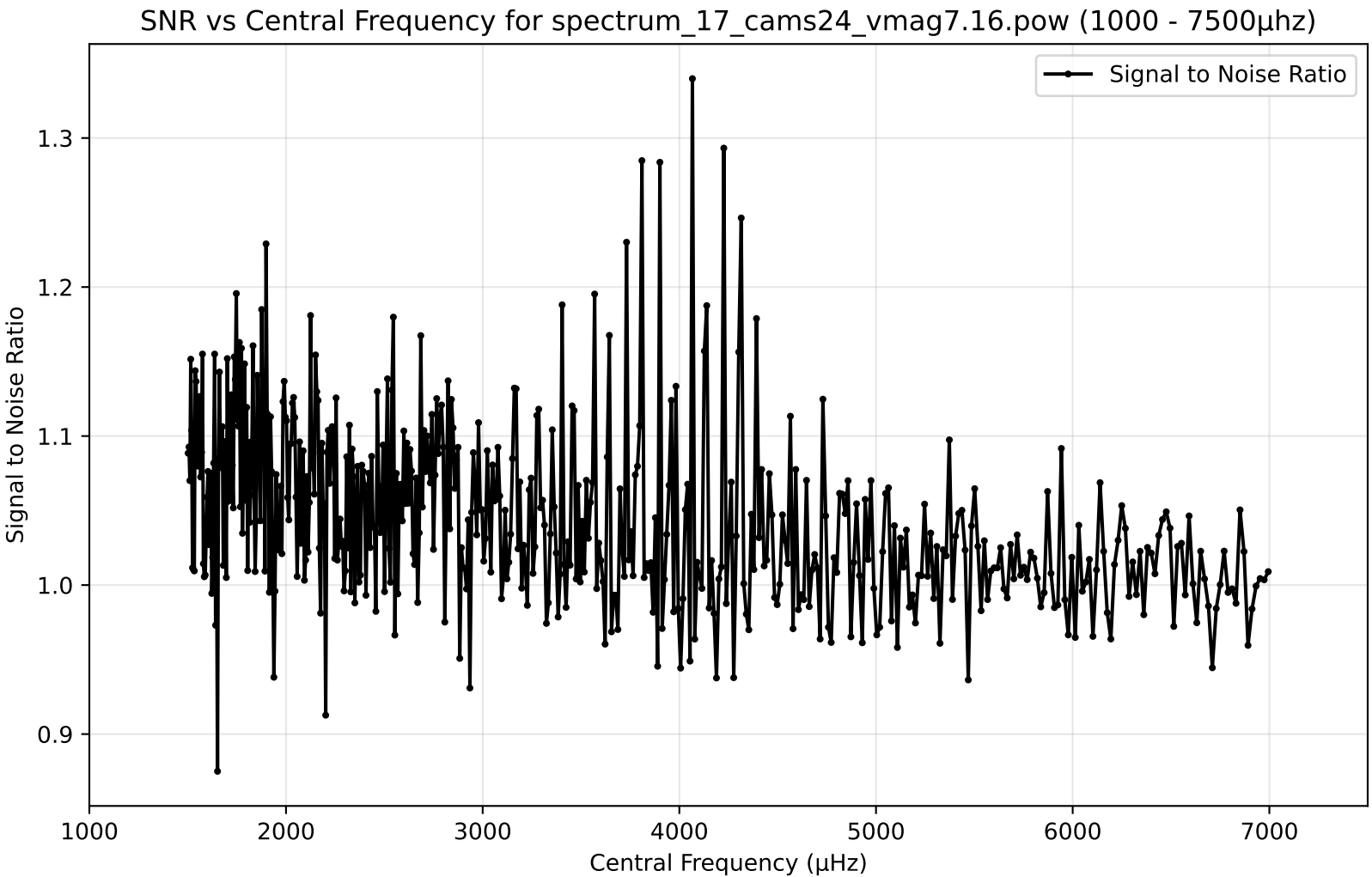

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3816.701μhz ± 232.308μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
1000
2000
3000
4000
5000
6000
7000
8000

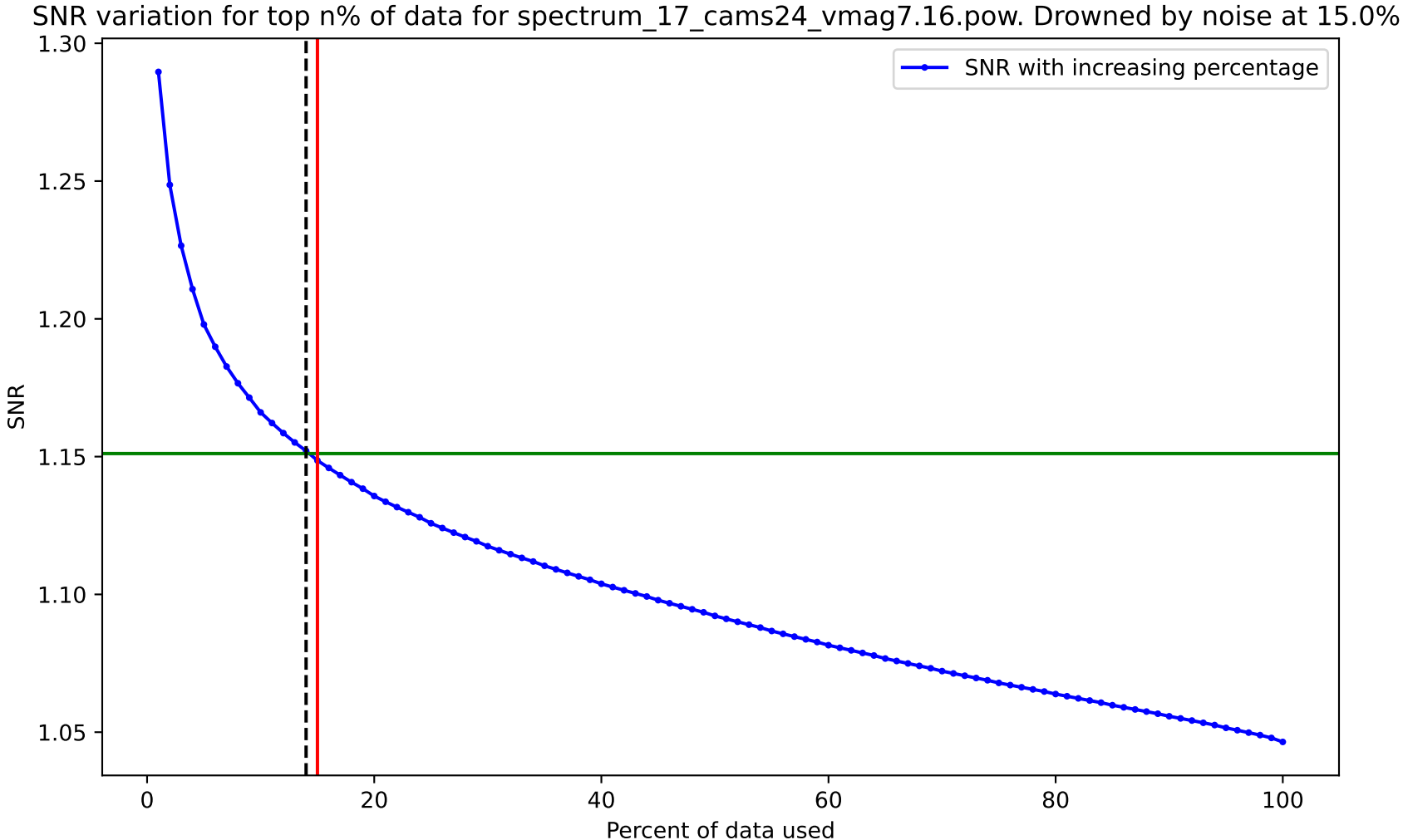

SNR vs Central Frequency for spectrum_16_cams24_vmag8.33.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

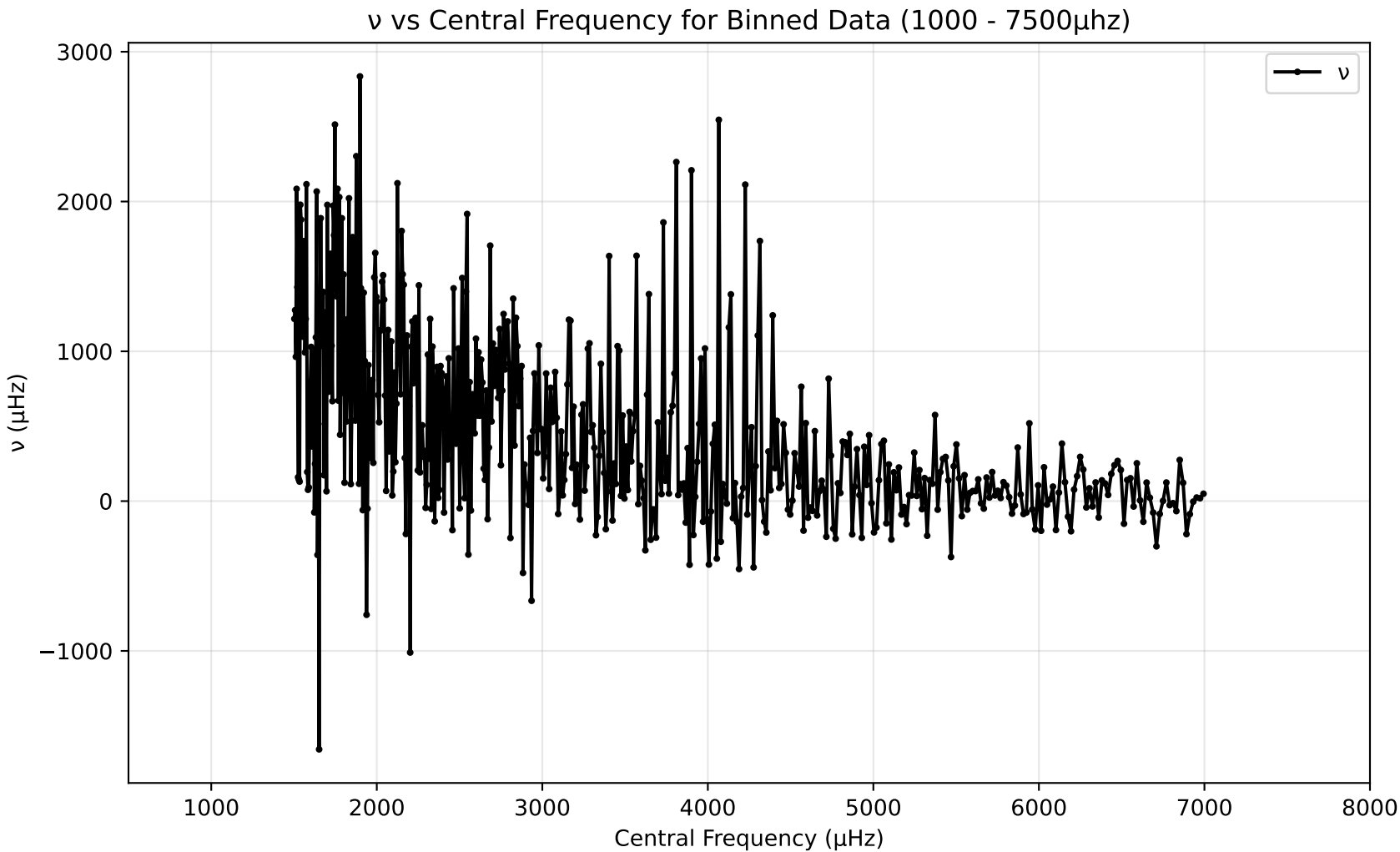

SNR variation for top n% of data for spectrum_16_cams24_vmag8.33.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

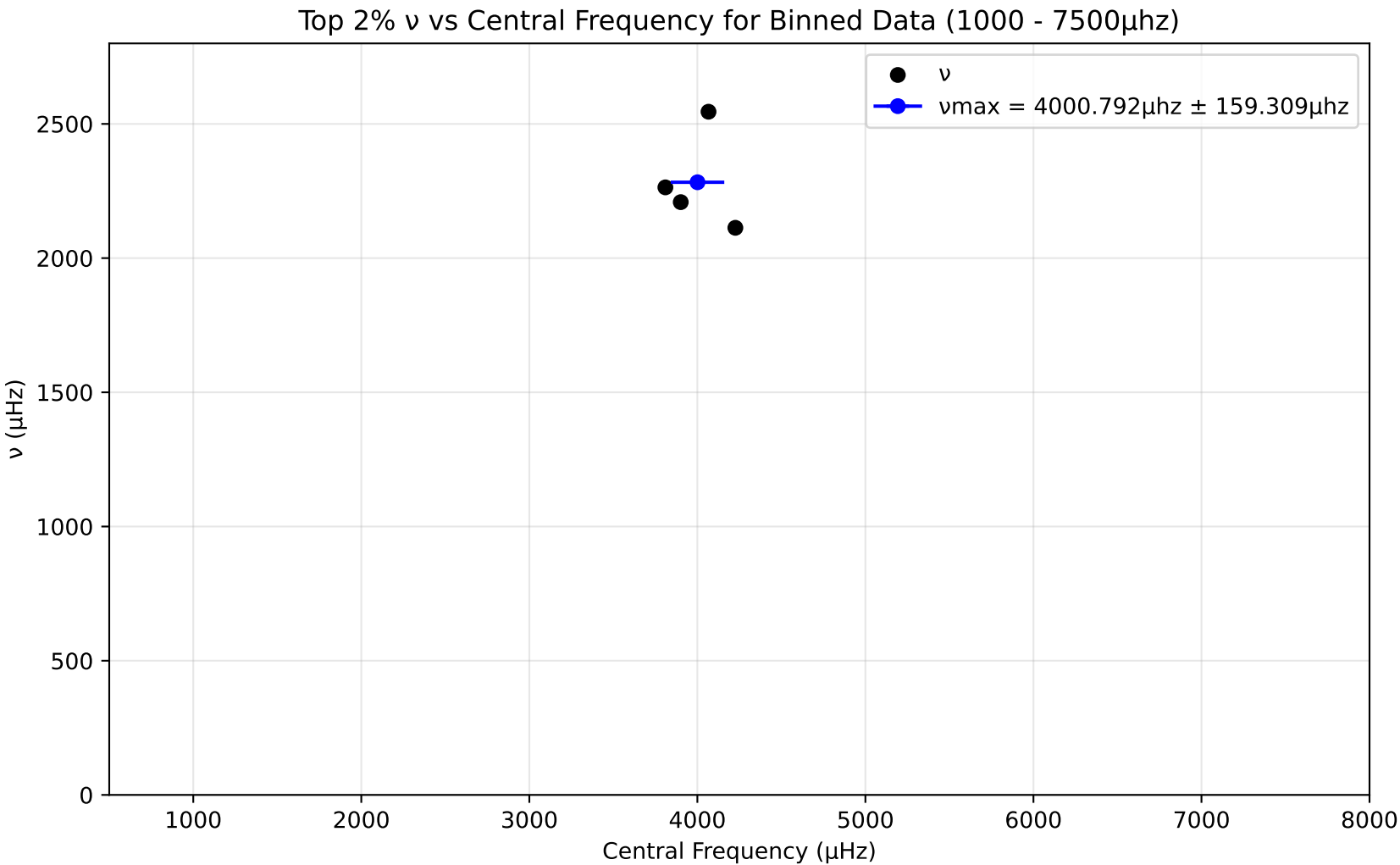

SNR vs Central Frequency for spectrum_16_cams24_vmag9.83.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

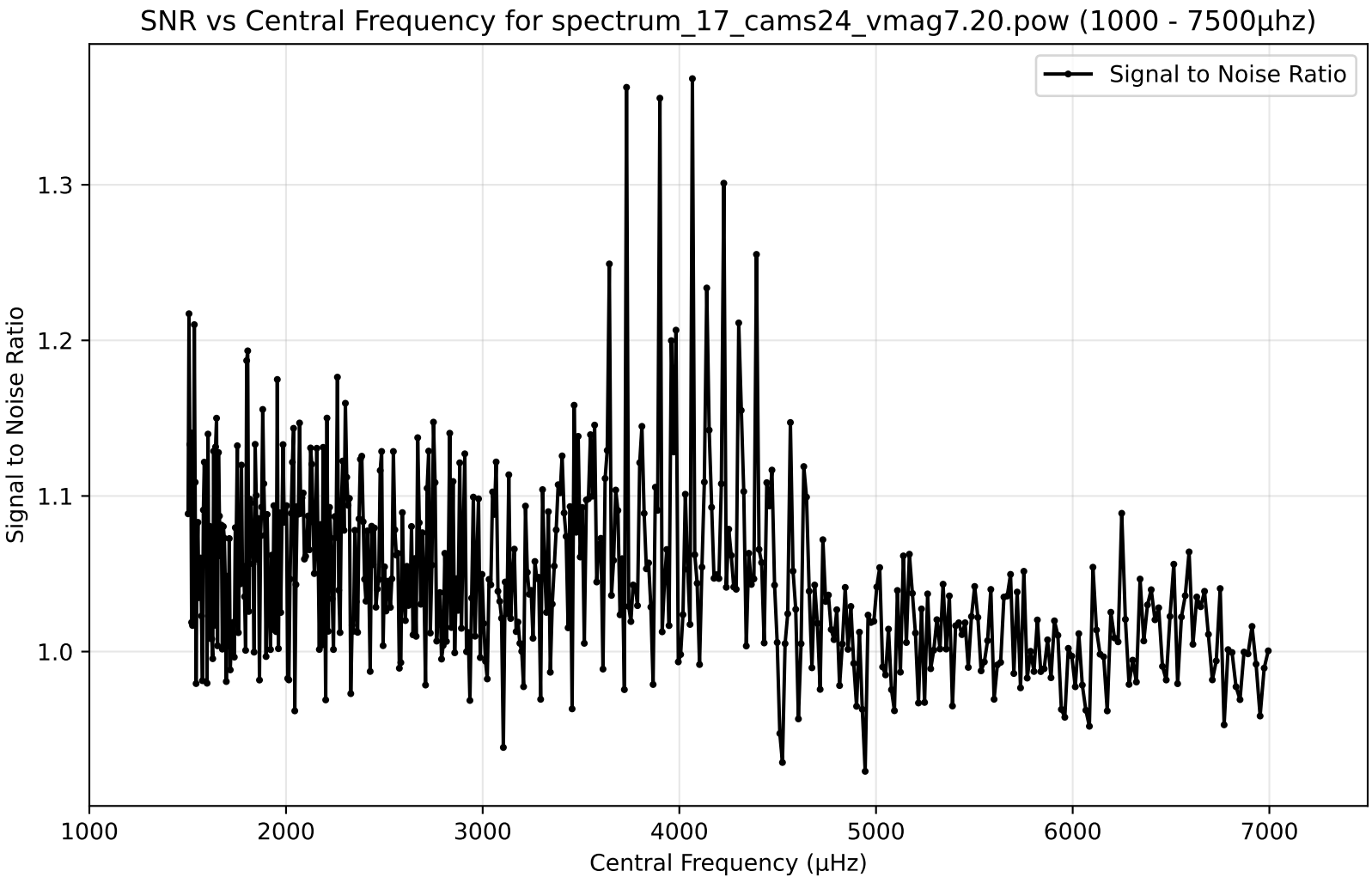

SNR variation for top n% of data for spectrum_16_cams24_vmag9.83.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

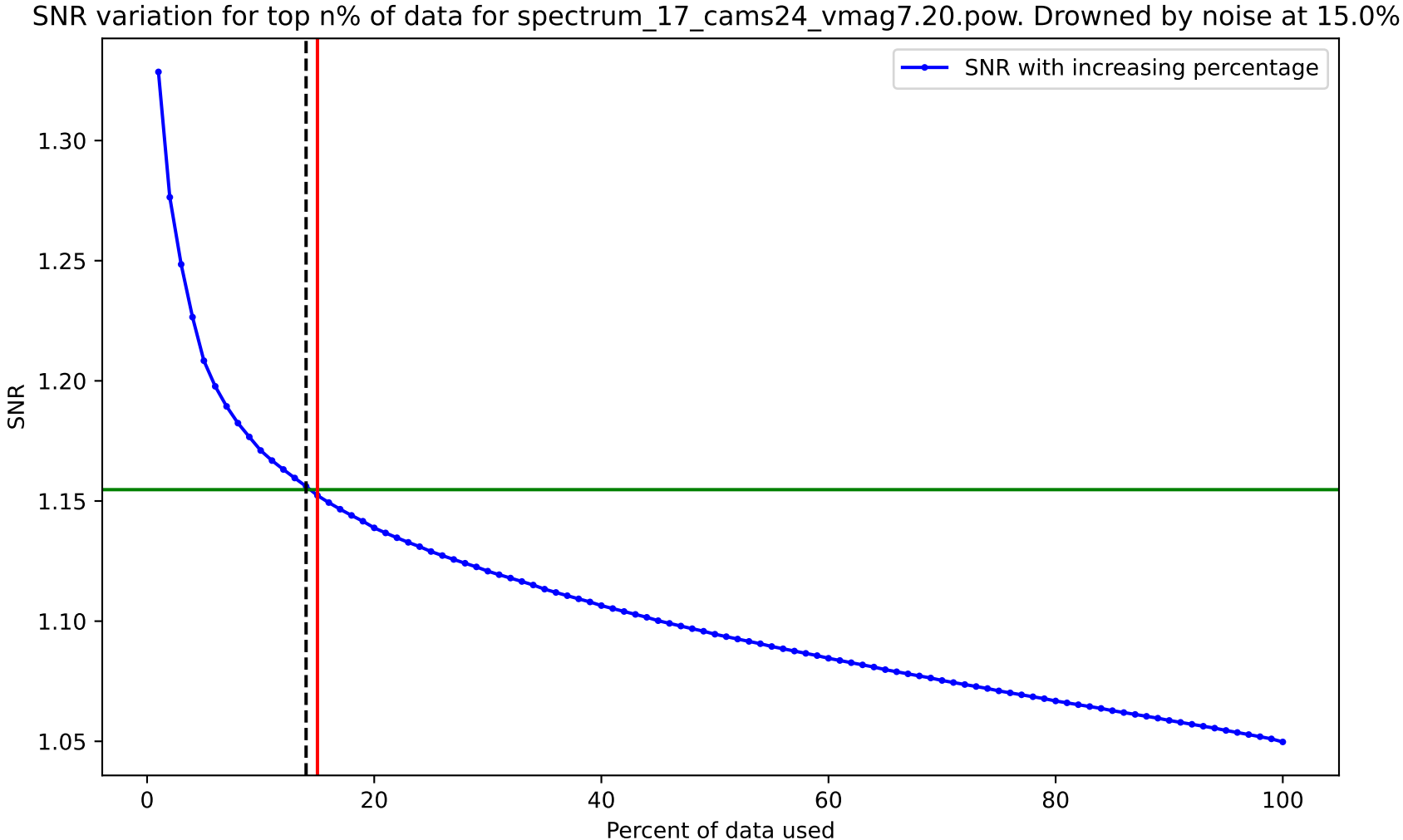

SNR vs Central Frequency for spectrum_17_cams24_vmag7.16.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.3
1.2
1.1
1.0
0.9
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

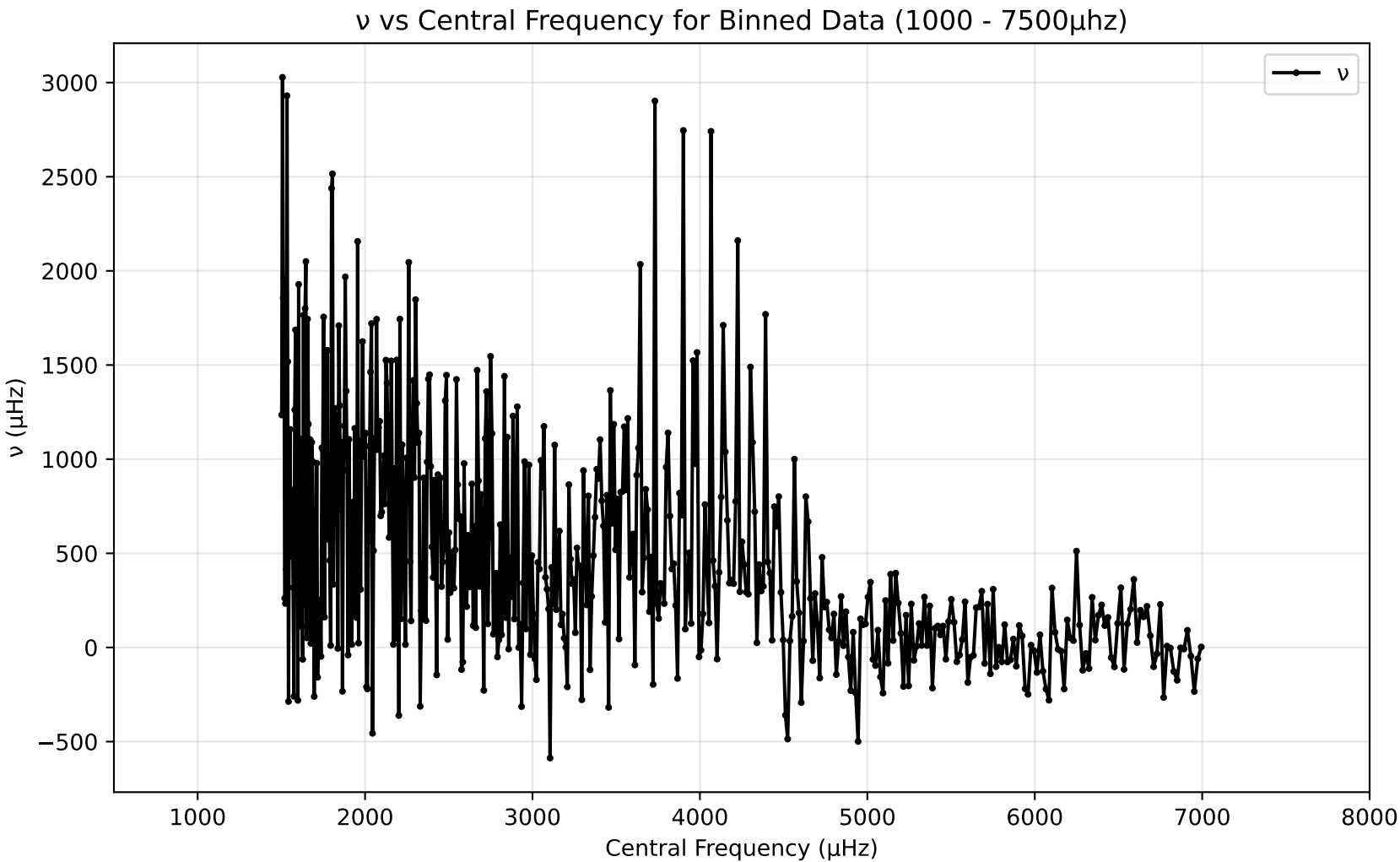

SNR variation for top n% of data for spectrum_17_cams24_vmag7.16.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
Percent of data used
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100

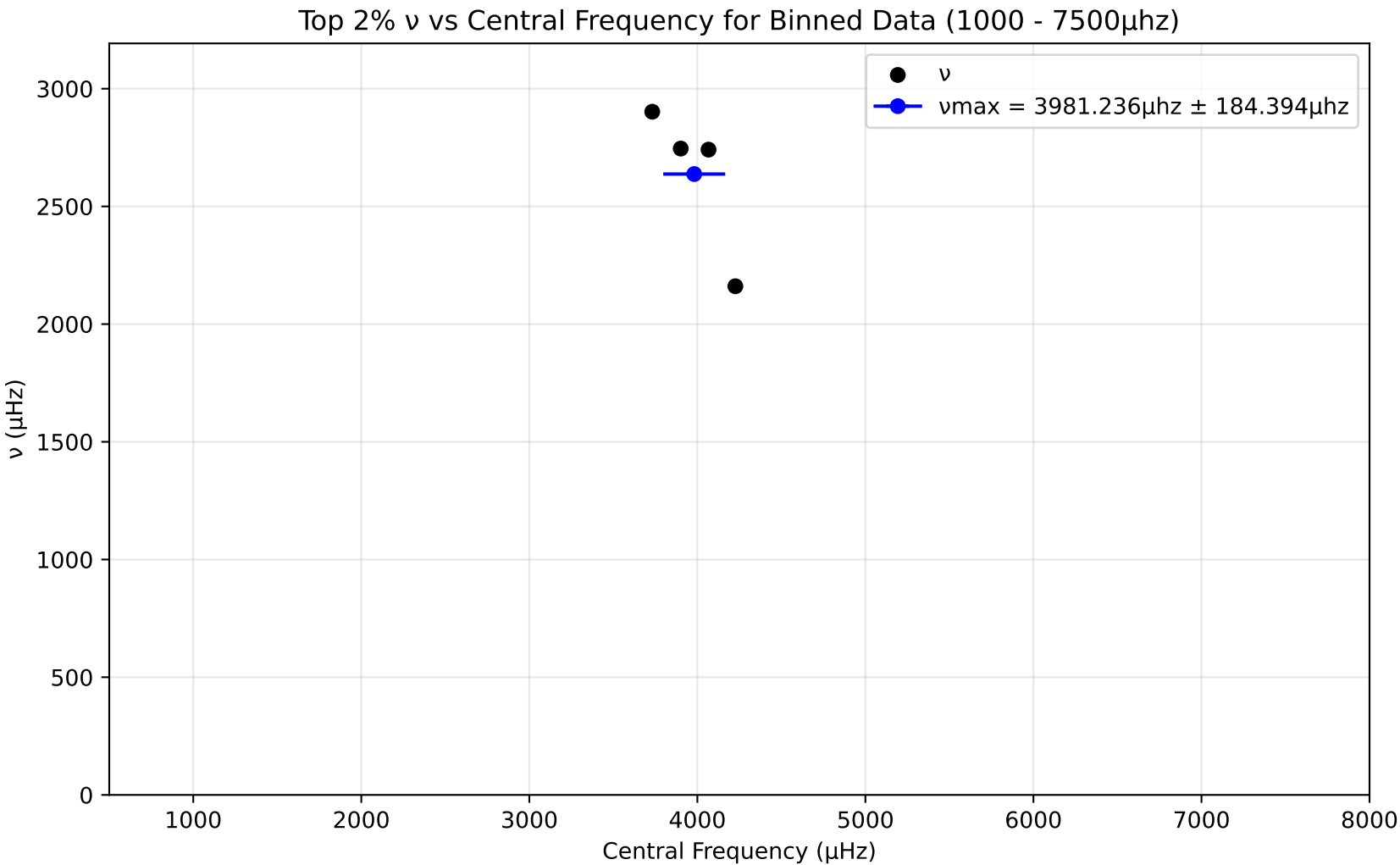

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

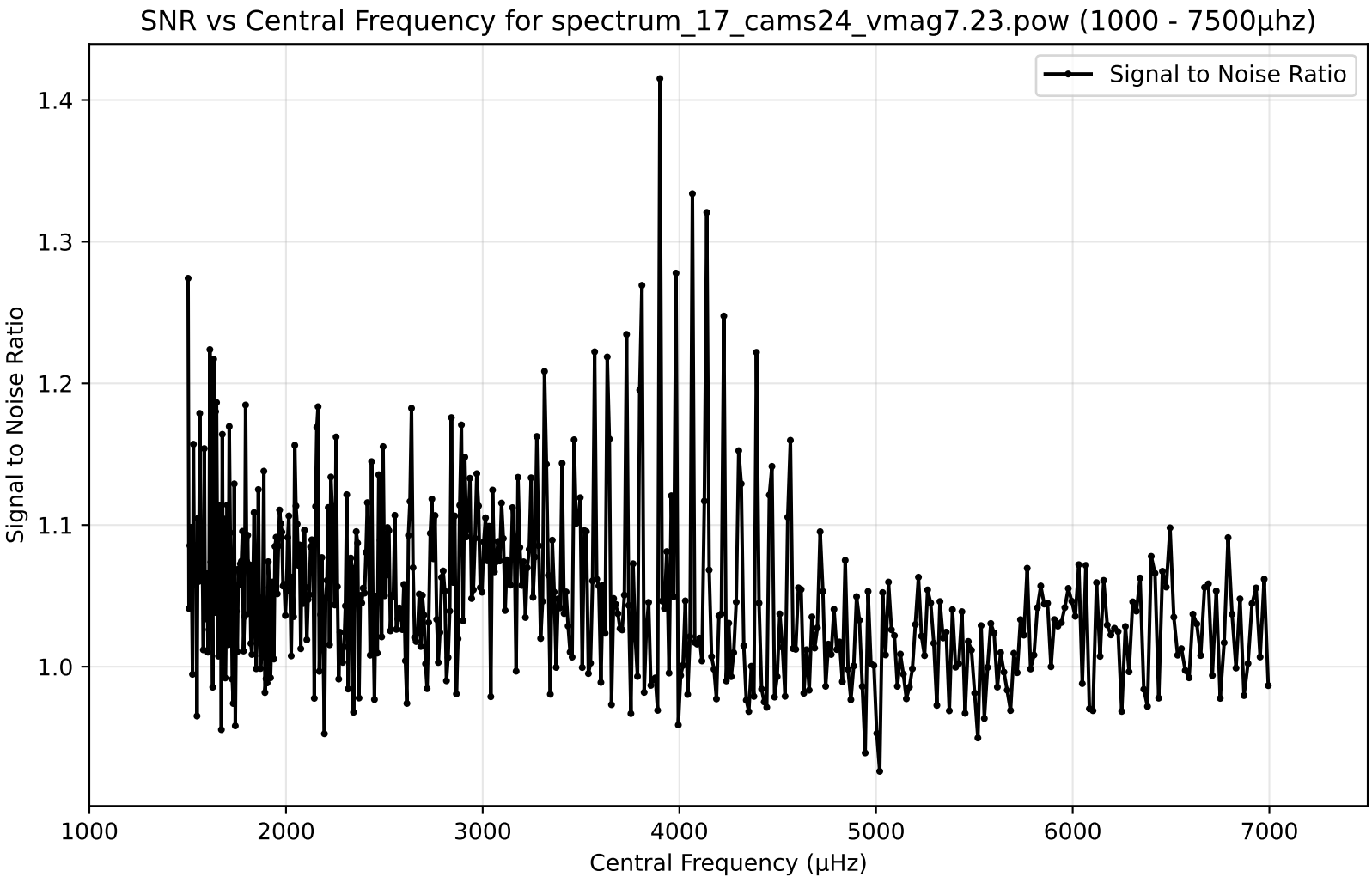

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 4000.792μhz ± 159.309μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
1000
2000
3000
4000
5000
6000
7000
8000

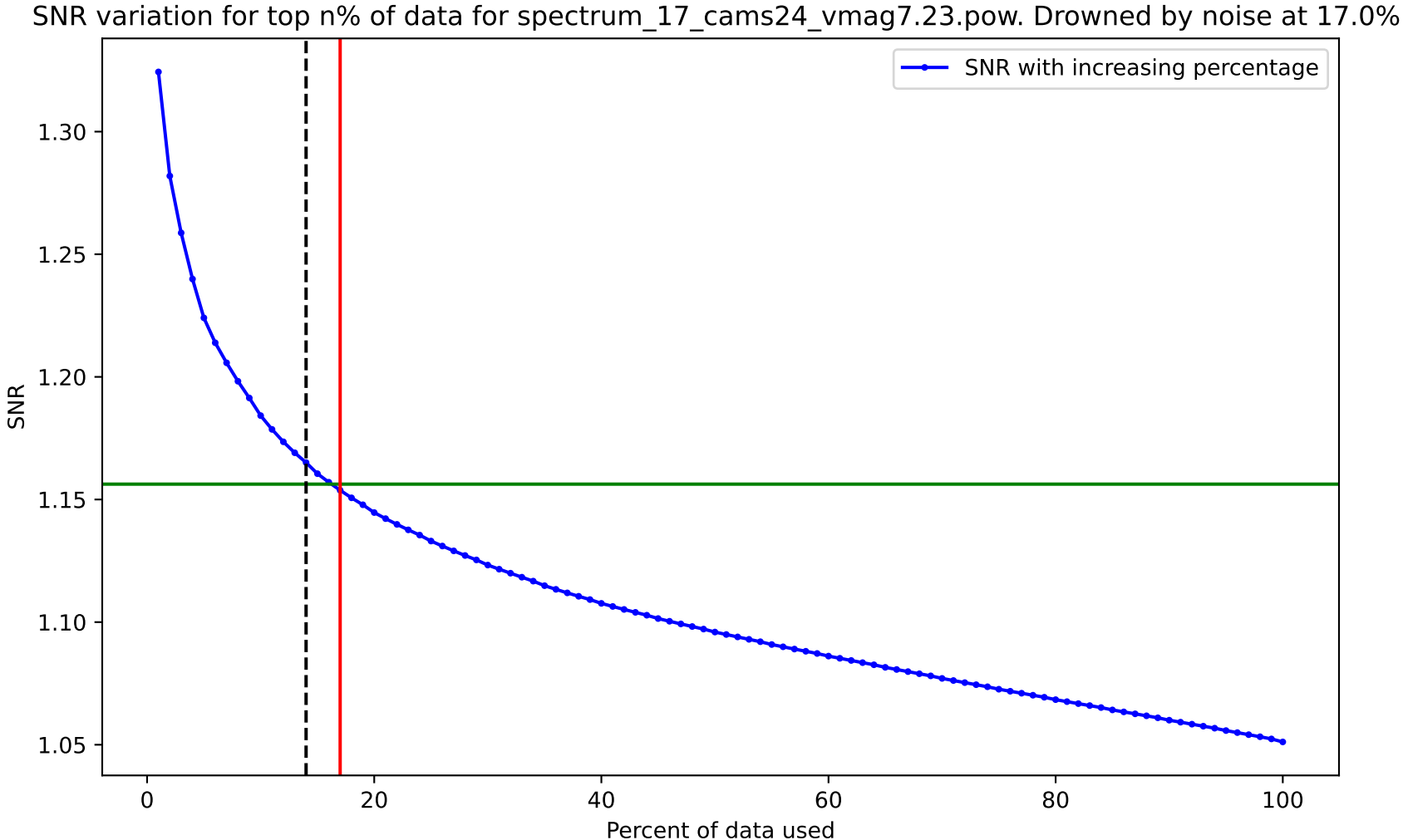

SNR vs Central Frequency for spectrum_17_cams24_vmag7.20.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

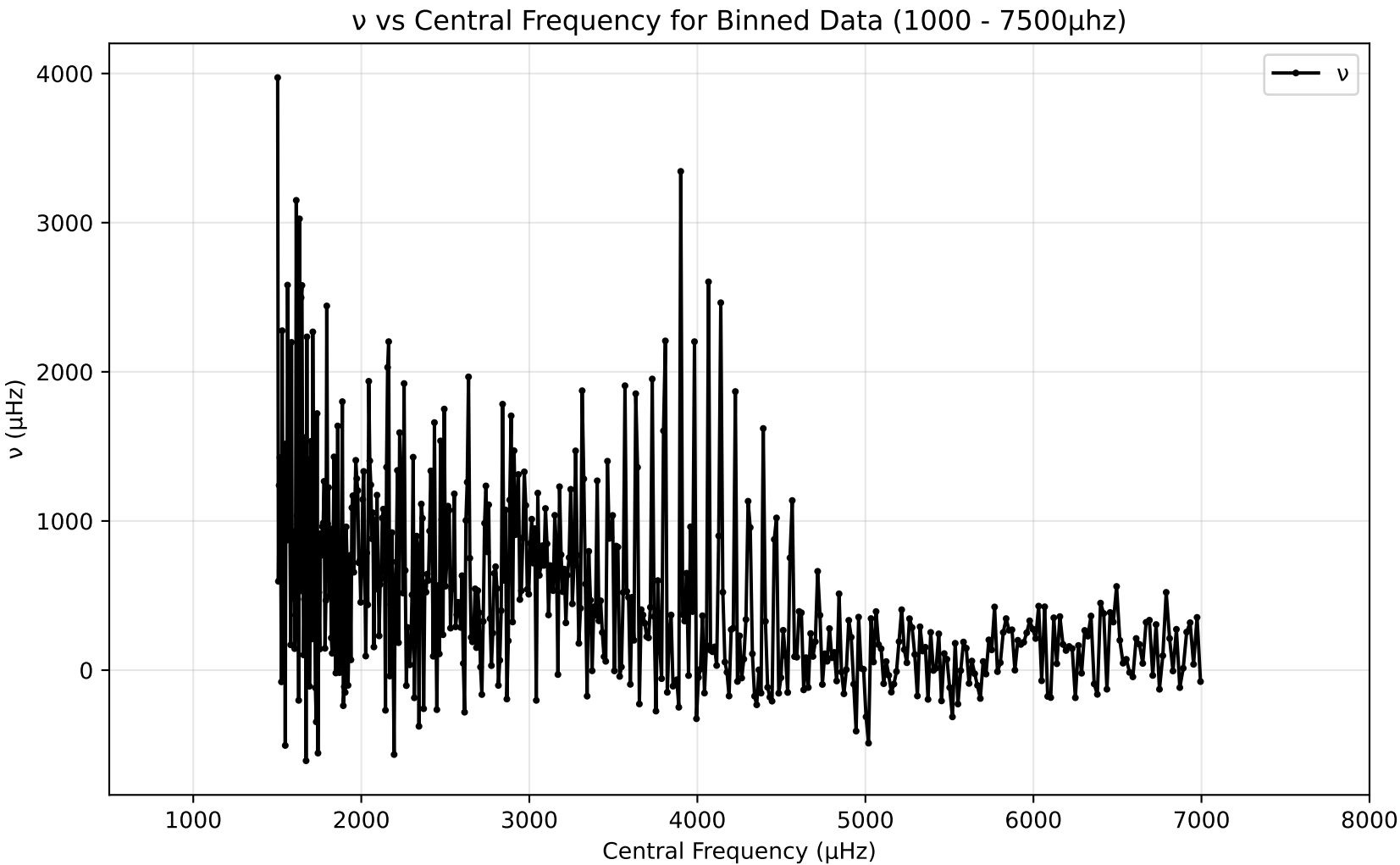

SNR variation for top n% of data for spectrum_17_cams24_vmag7.20.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

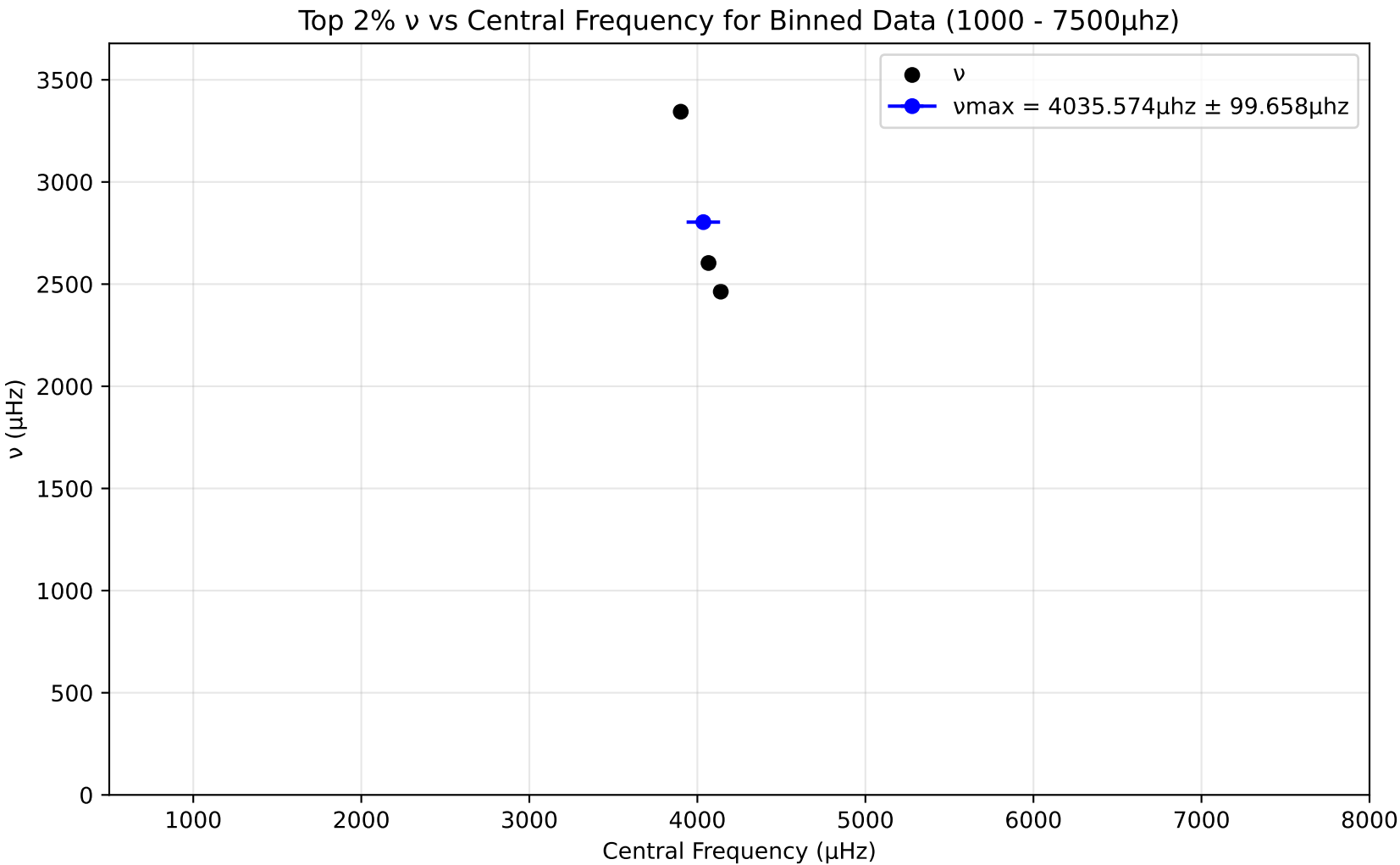

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
3000
2500
2000
1500
1000
500
0
−500
1000
2000
3000
4000
5000
6000
7000
8000

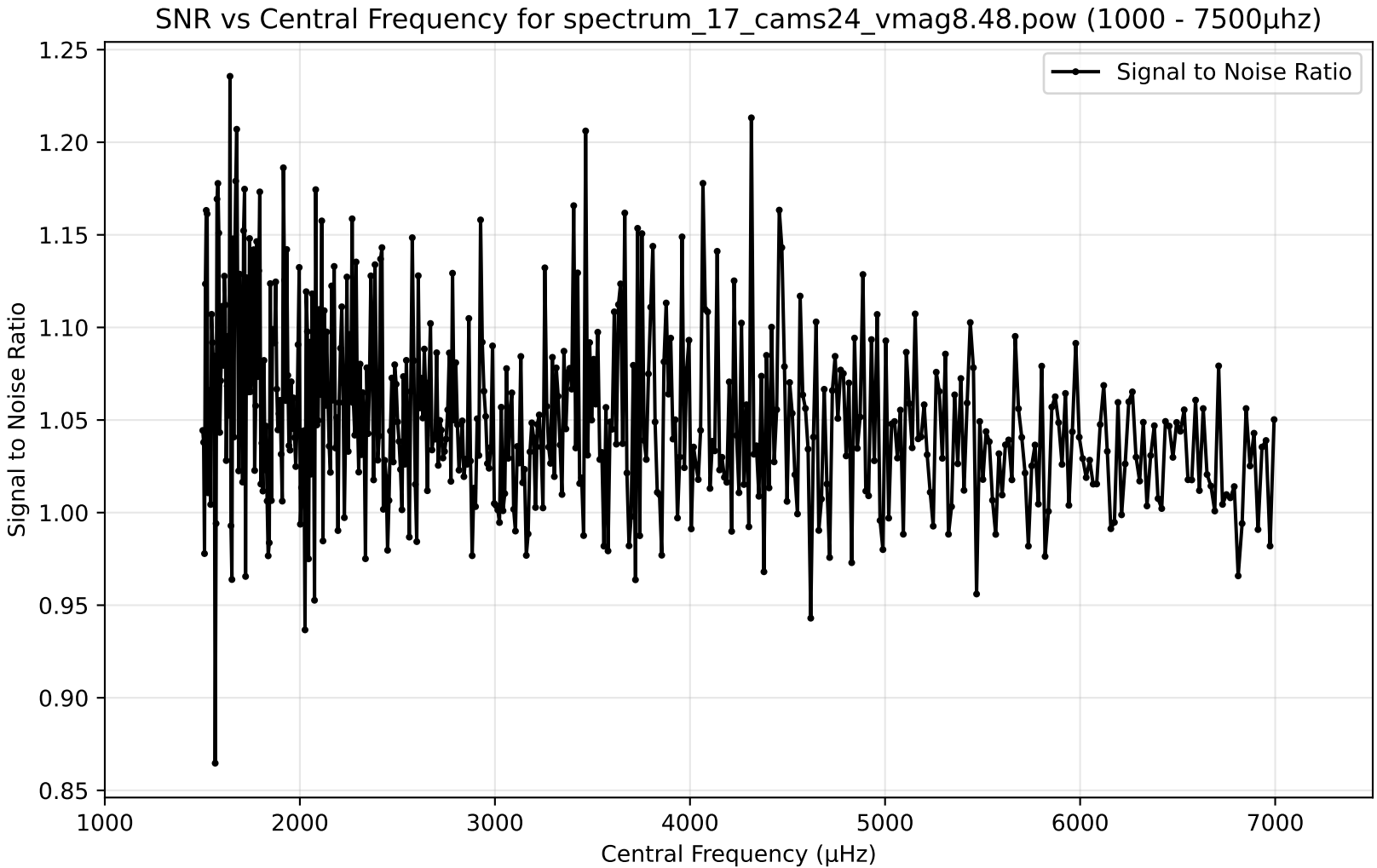

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3981.236μhz ± 184.394μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
1000
2000
3000
4000
5000
6000
7000
8000

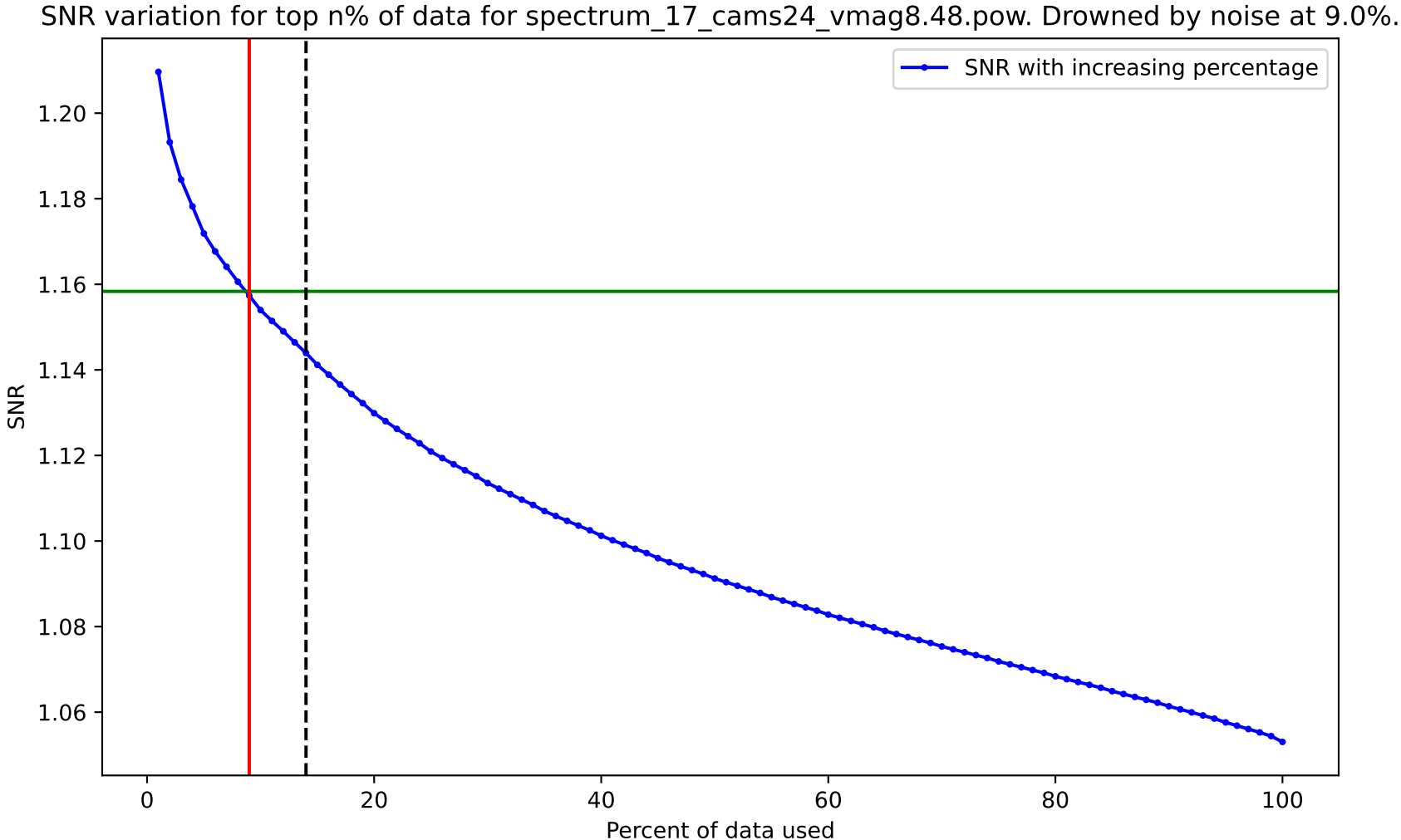

SNR vs Central Frequency for spectrum_17_cams24_vmag7.23.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.4
1.3
1.2
1.1
1.0
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

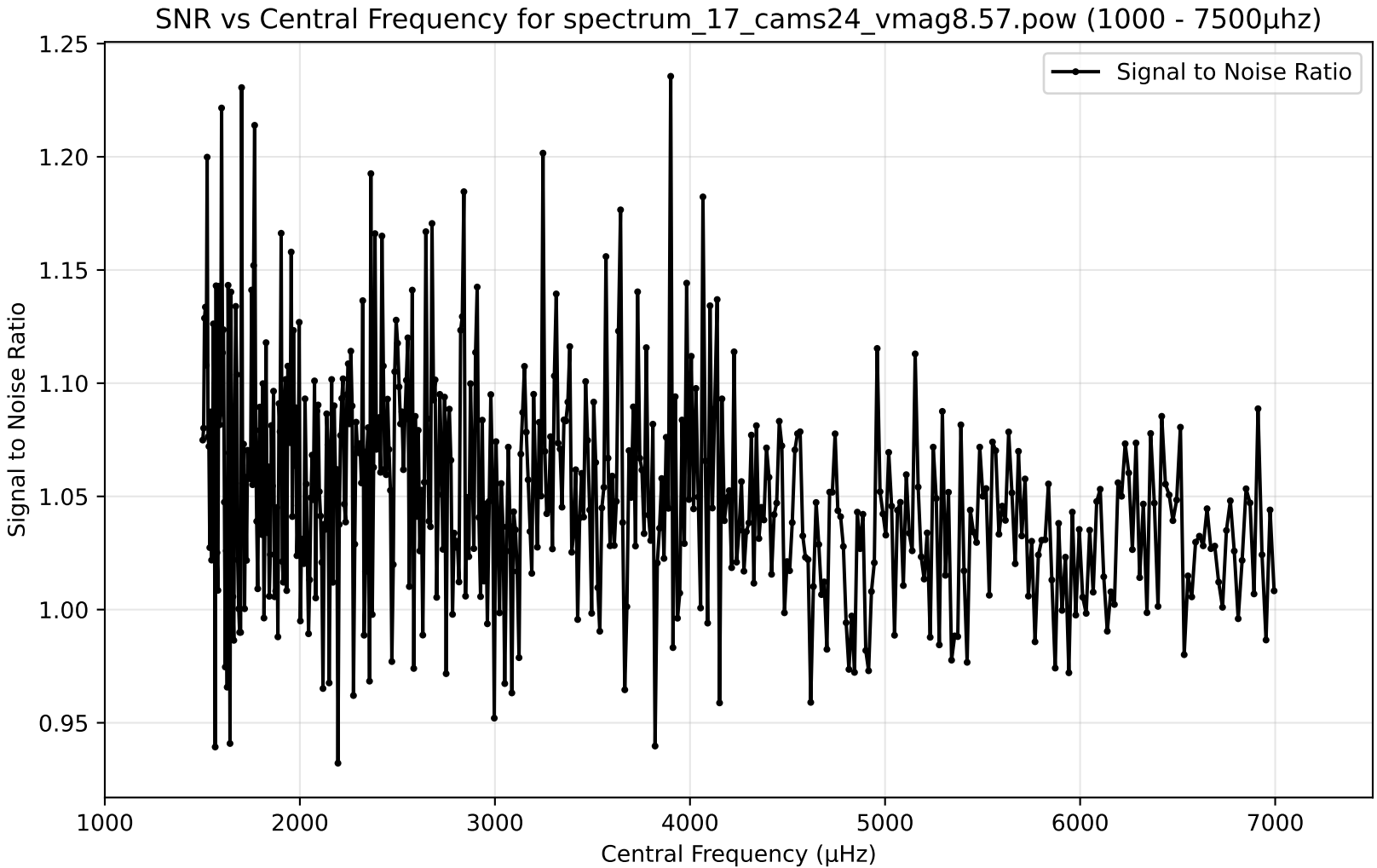

SNR variation for top n% of data for spectrum_17_cams24_vmag7.23.pow. Drowned by noise at 17.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

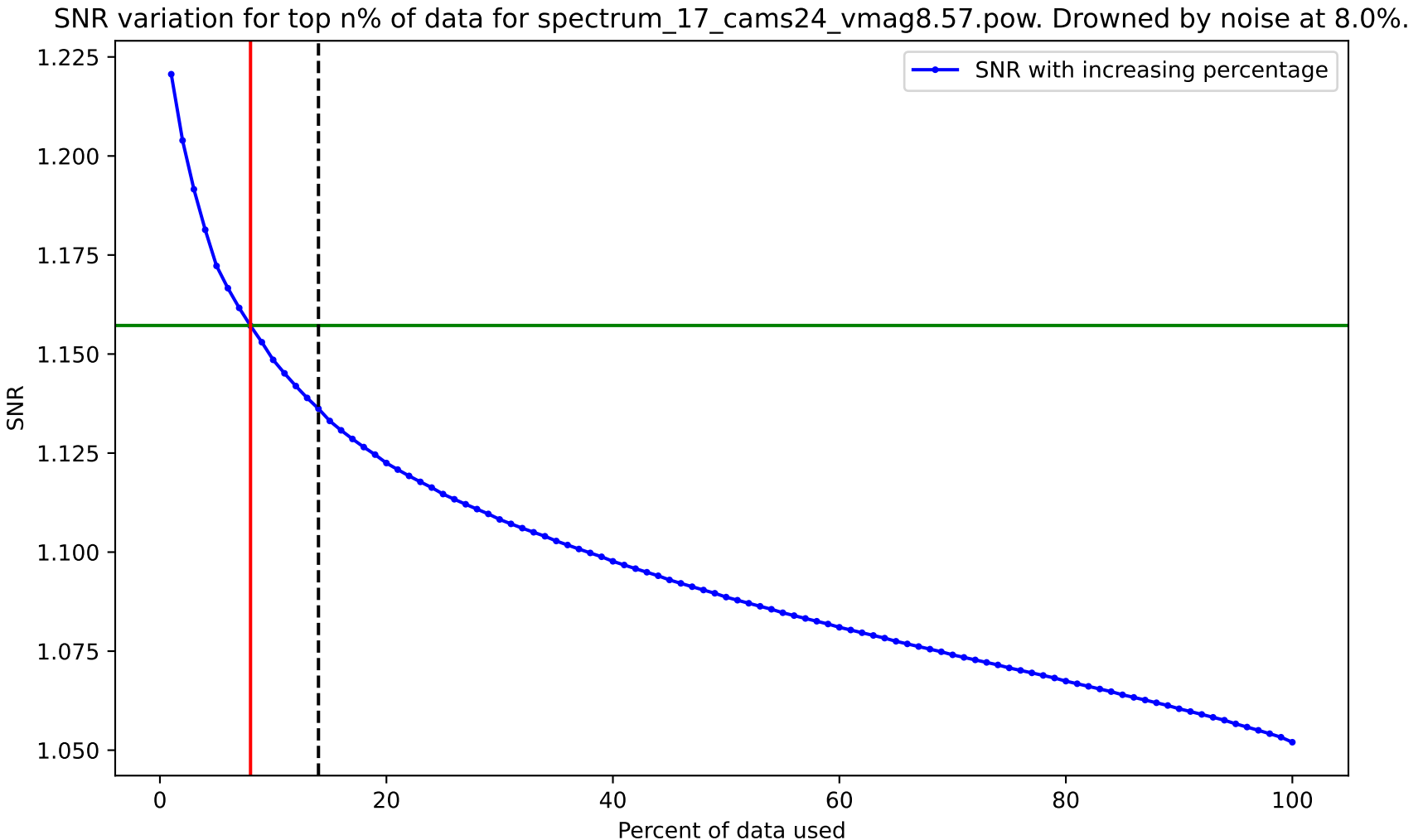

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
4000
3000
2000
1000
0
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

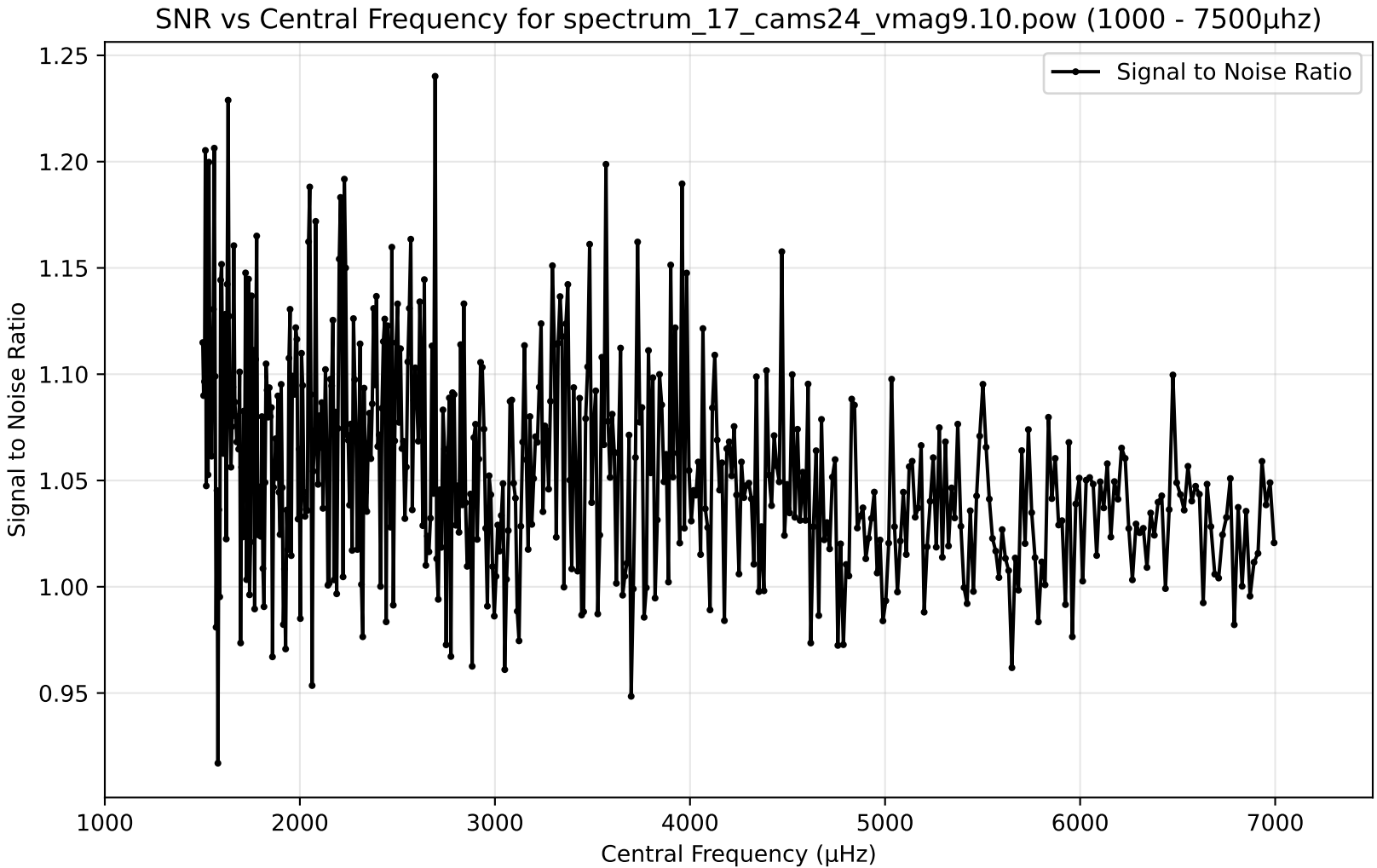

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 4035.574μhz ± 99.658μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
1000
2000
3000
4000
5000
6000
7000
8000

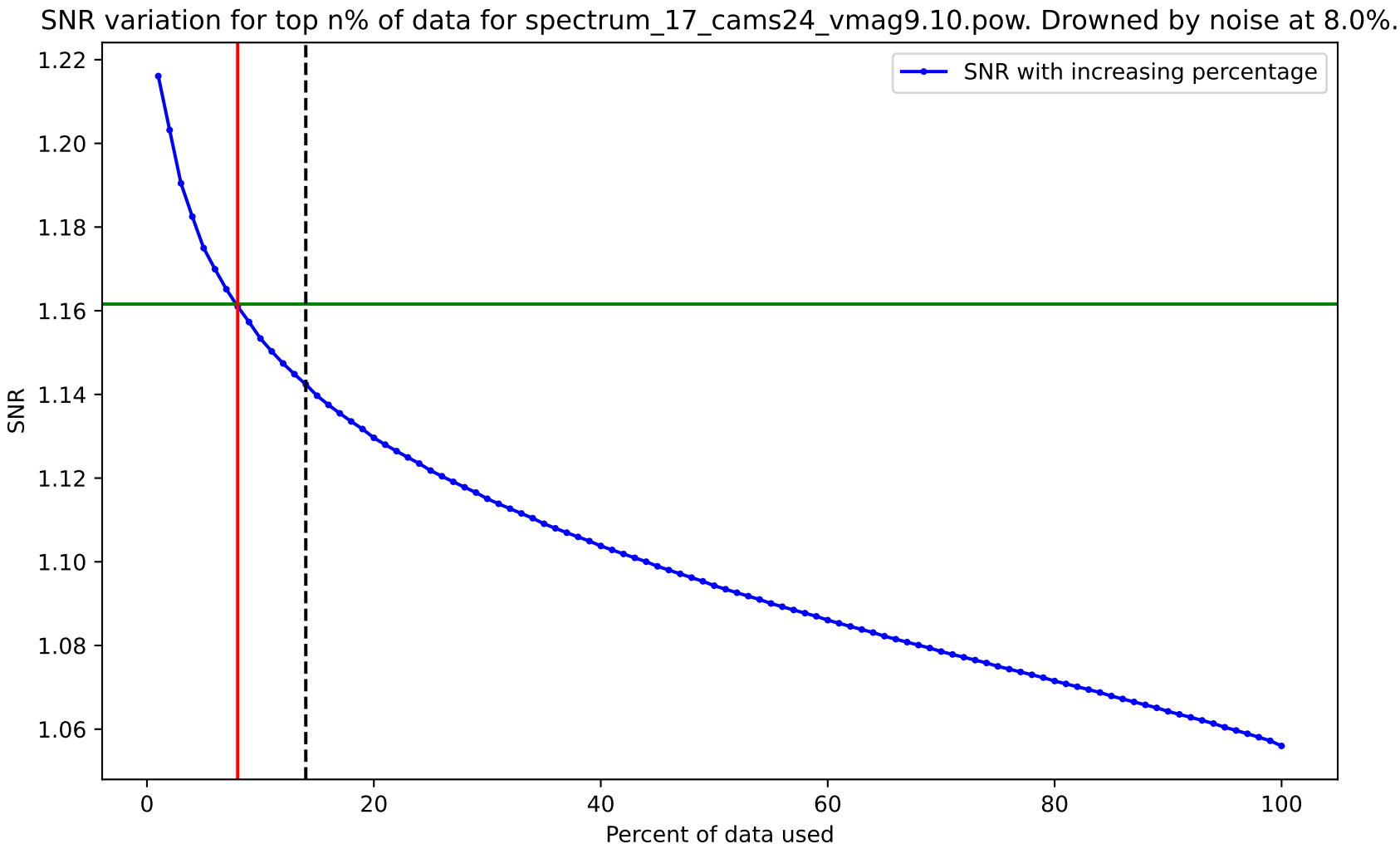

SNR vs Central Frequency for spectrum_17_cams24_vmag8.48.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
0.85
1000
2000
3000
4000
5000
6000
7000

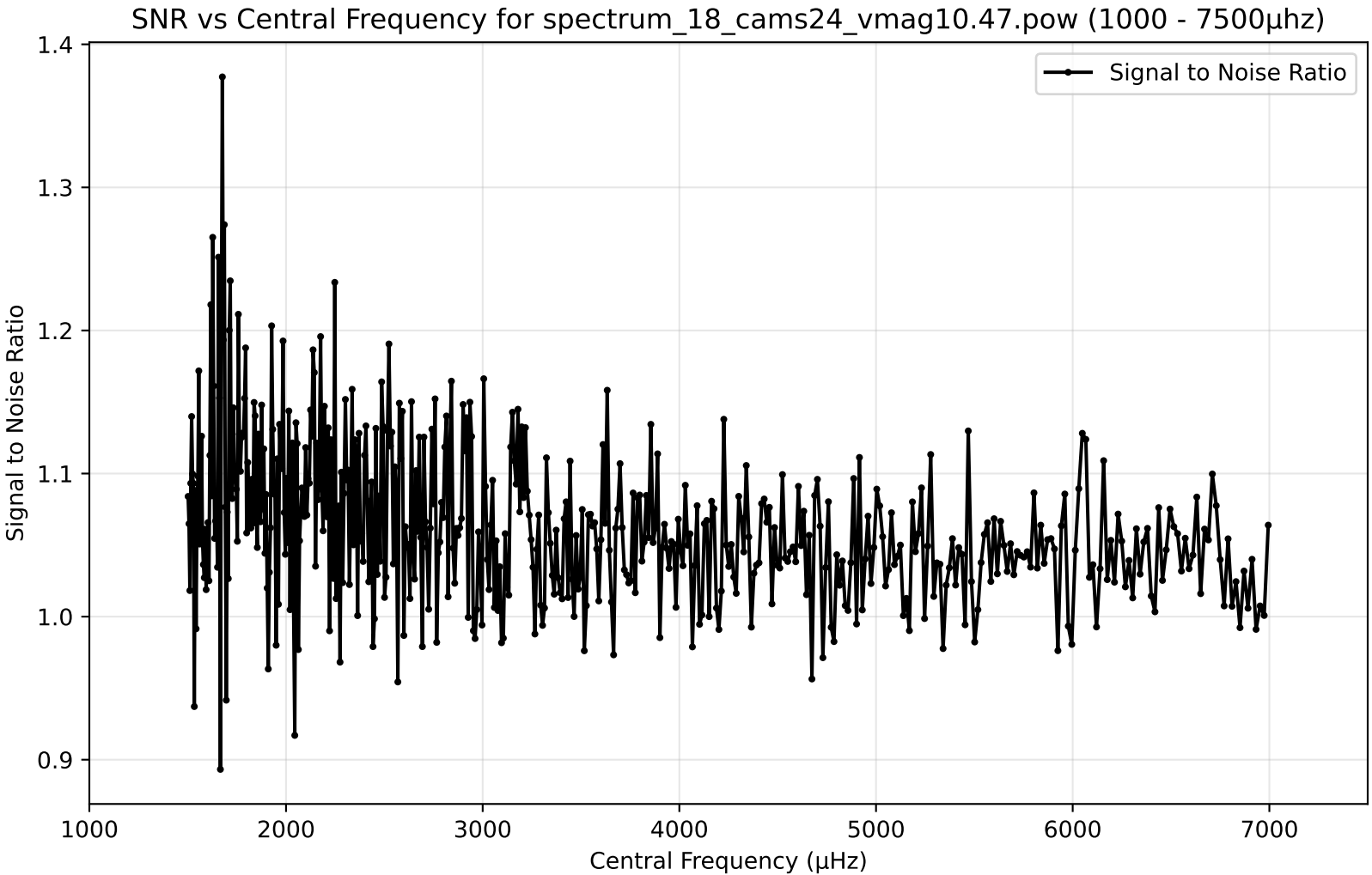

SNR variation for top n% of data for spectrum_17_cams24_vmag8.48.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

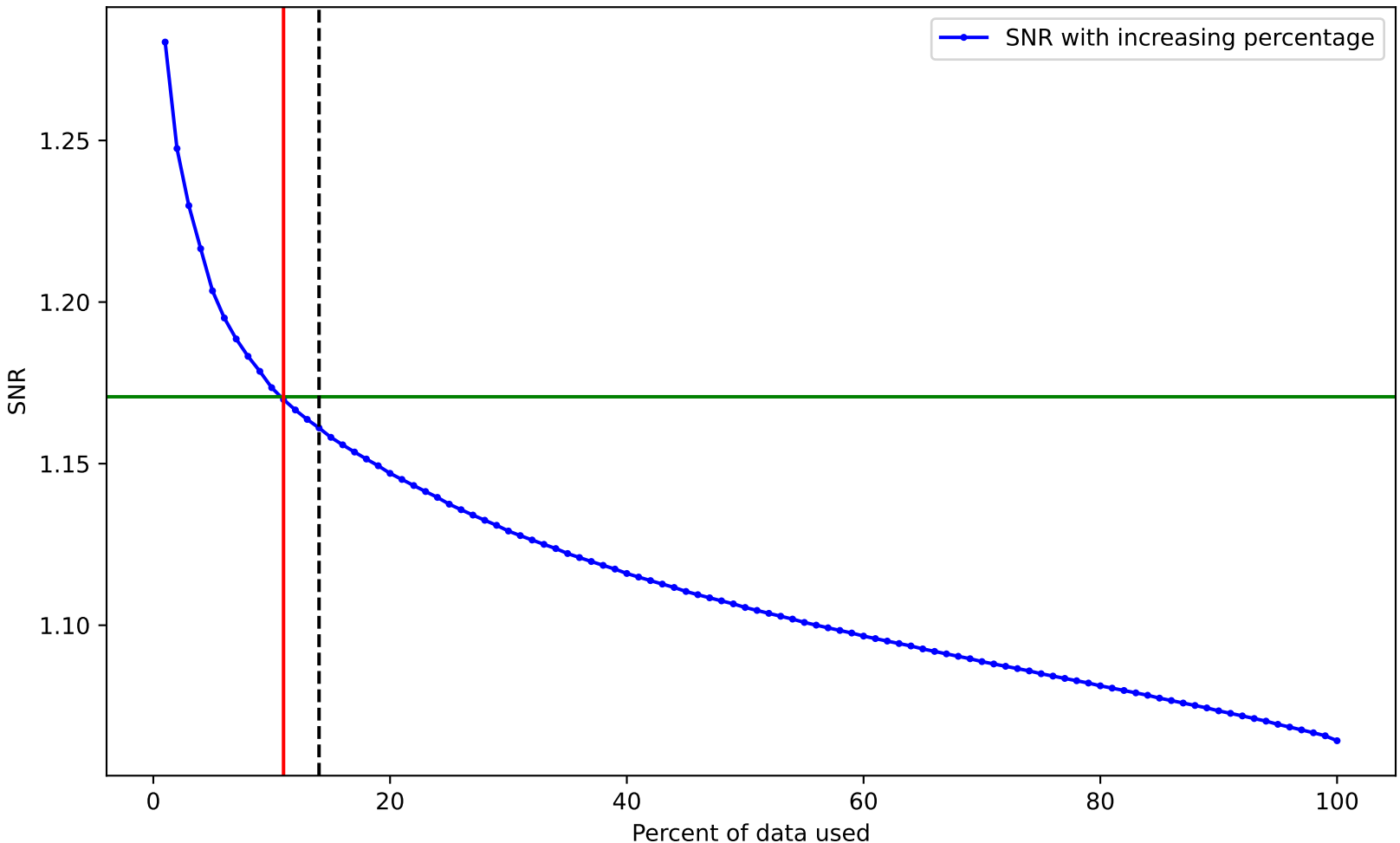

SNR vs Central Frequency for spectrum_17_cams24_vmag8.57.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

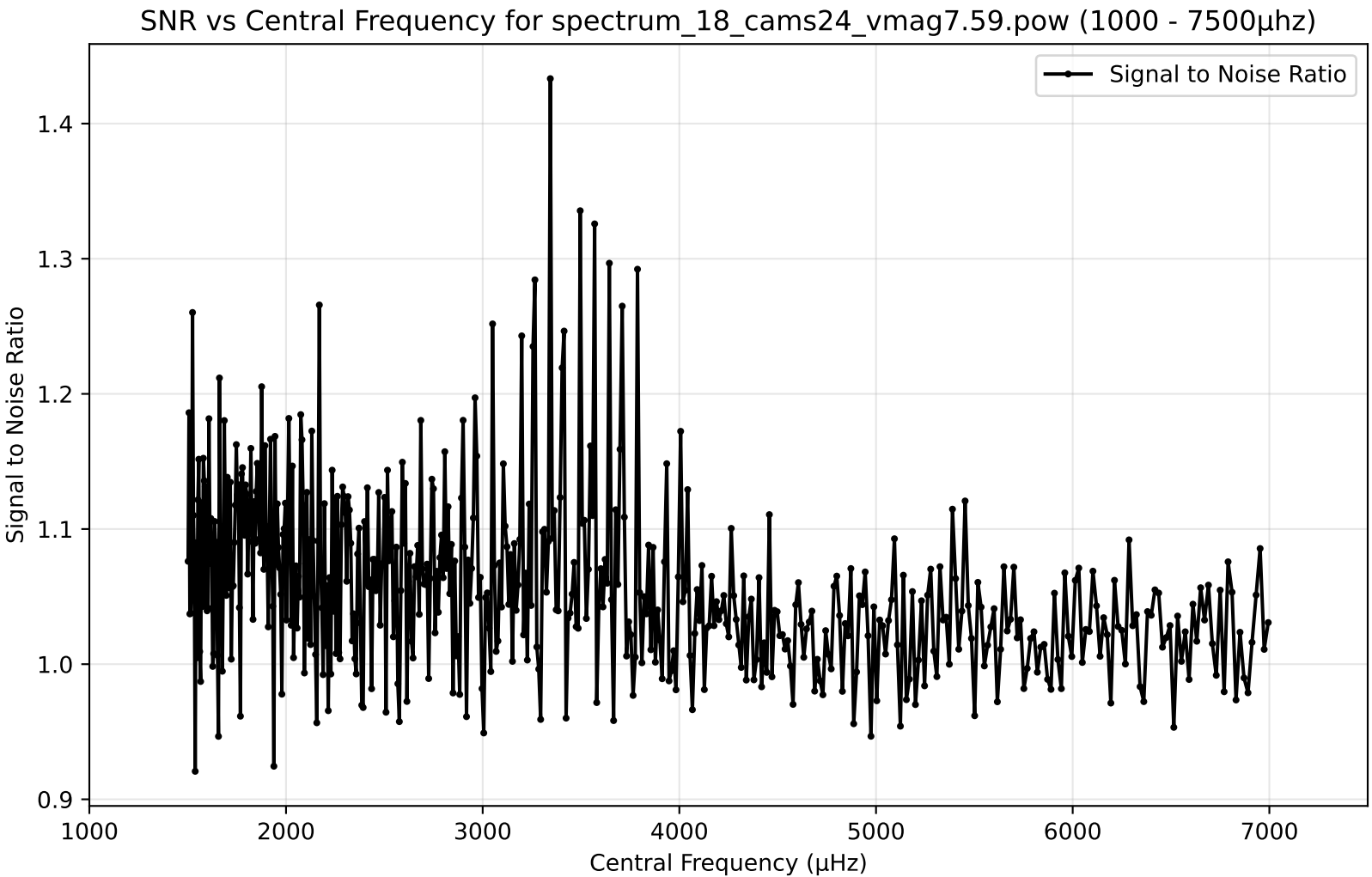

SNR variation for top n% of data for spectrum_17_cams24_vmag8.57.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
Percent of data used
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

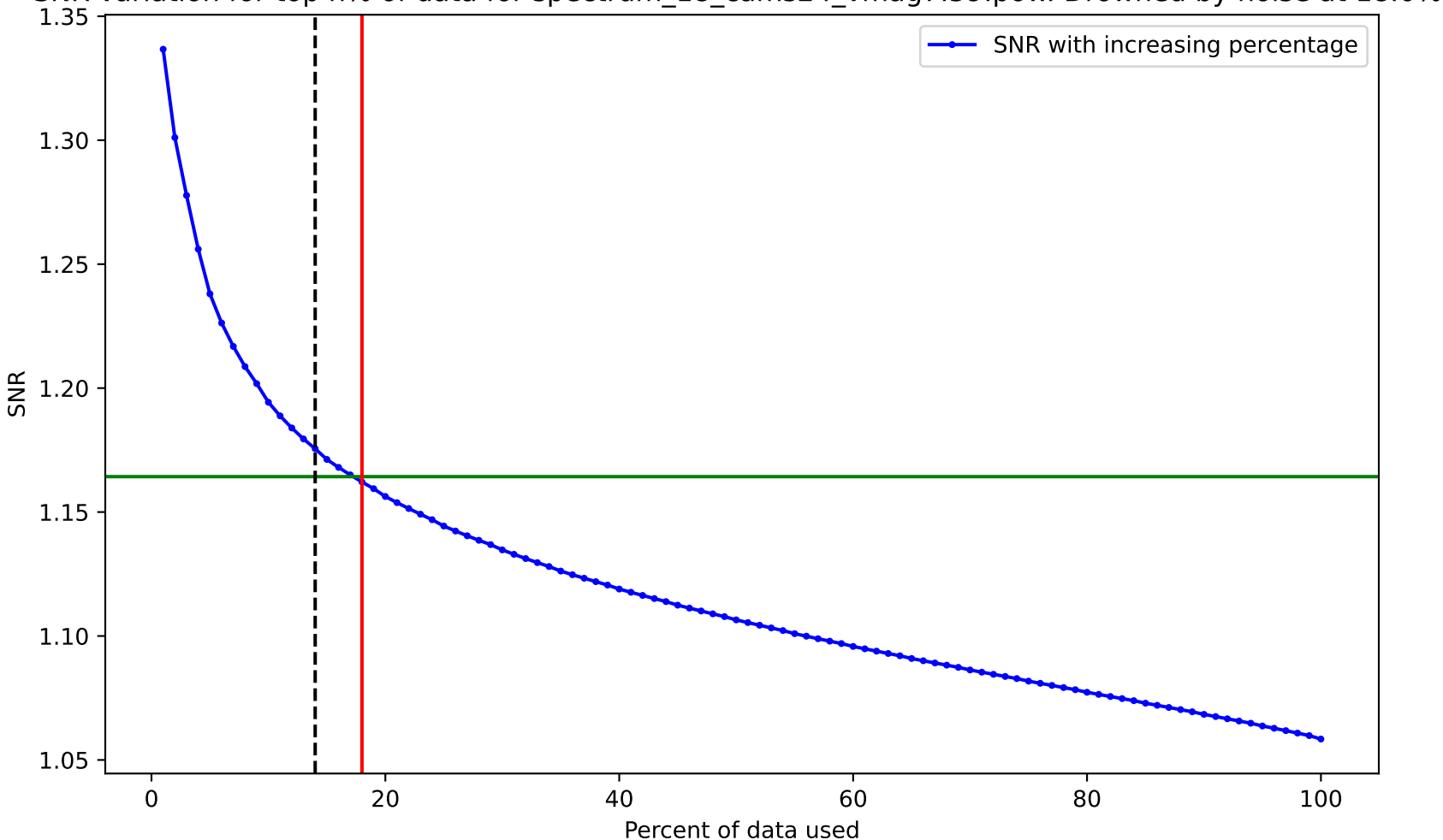

SNR vs Central Frequency for spectrum_17_cams24_vmag9.10.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

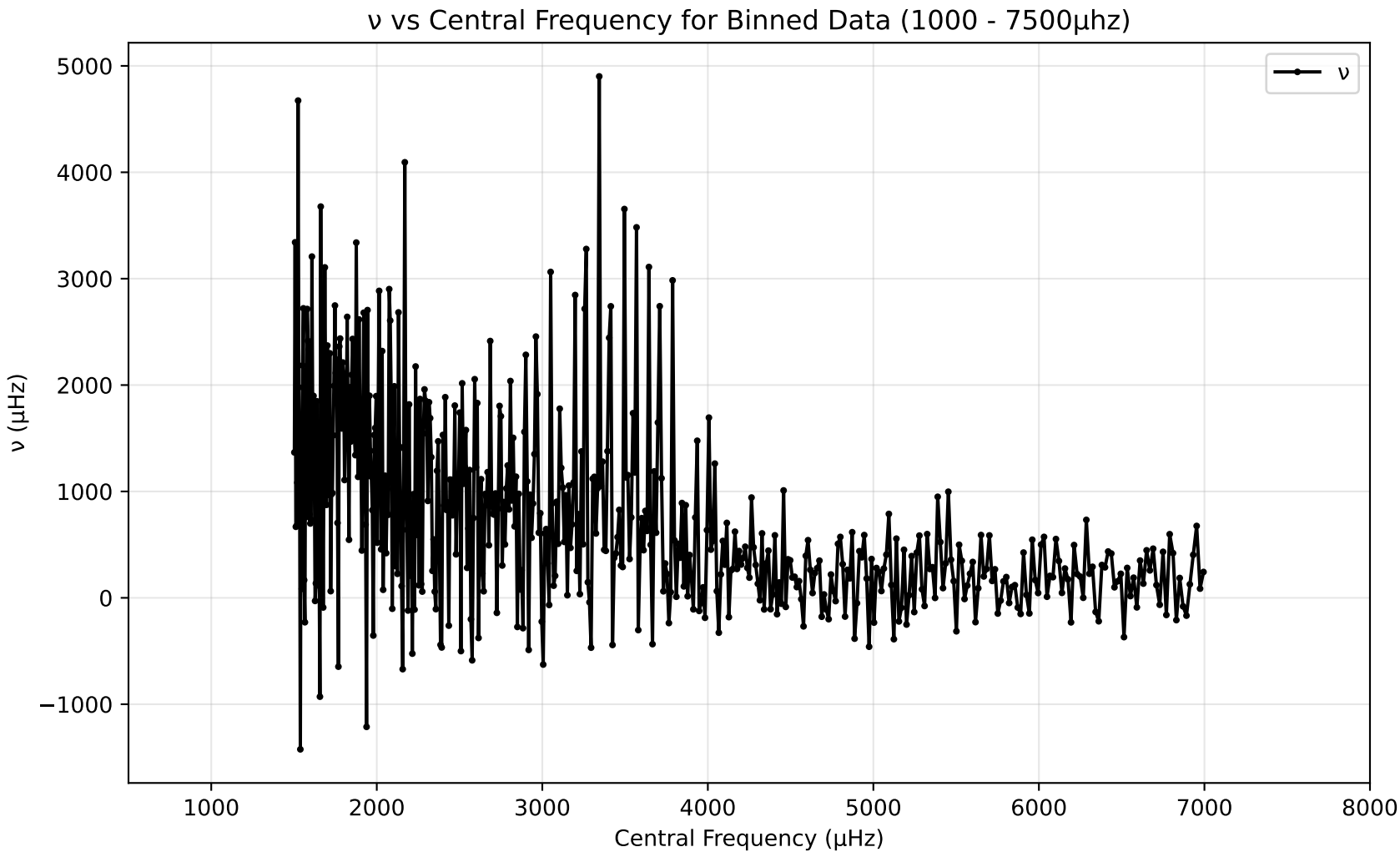

SNR variation for top n% of data for spectrum_17_cams24_vmag9.10.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

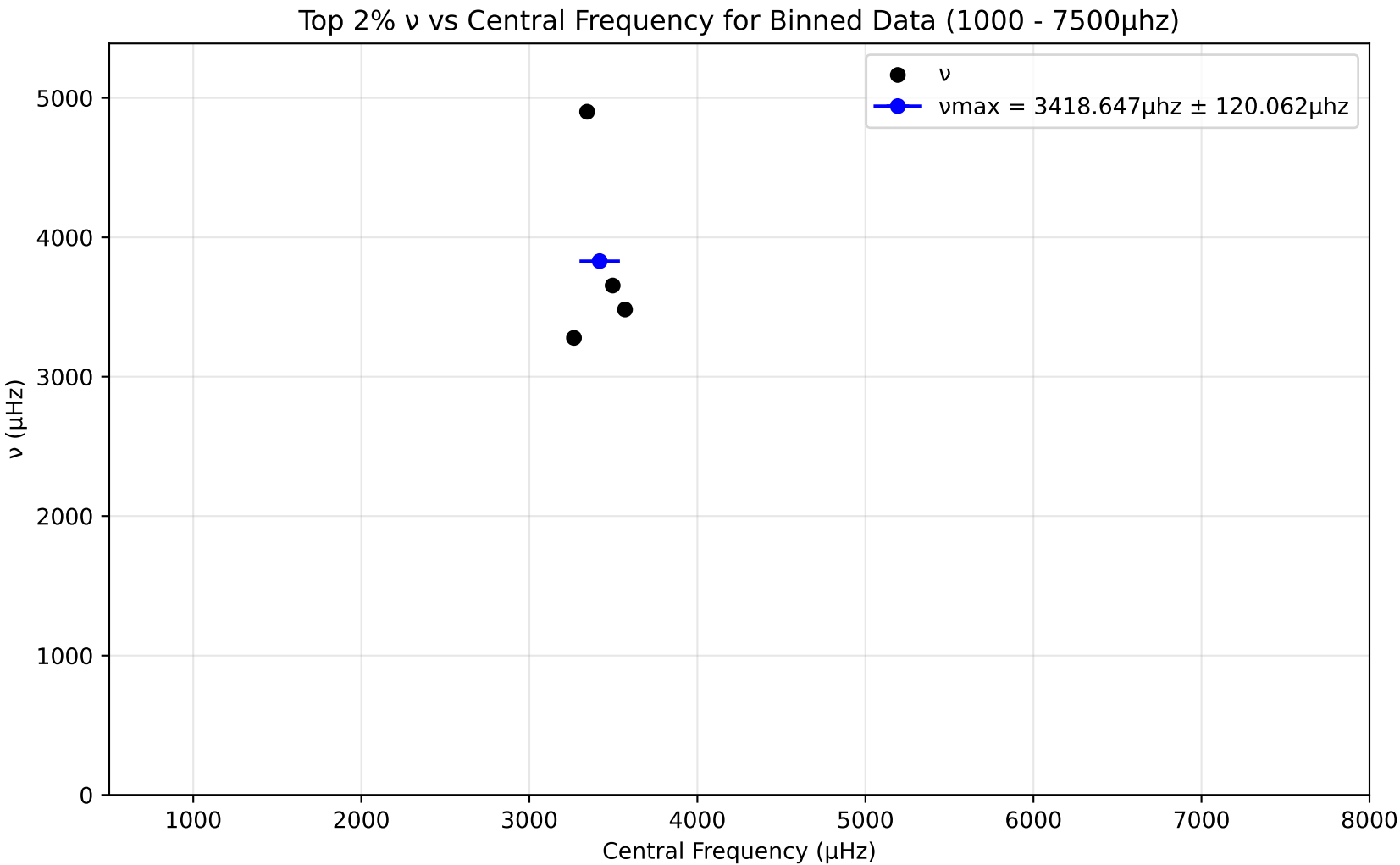

SNR vs Central Frequency for spectrum_18_cams24_vmag10.47.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

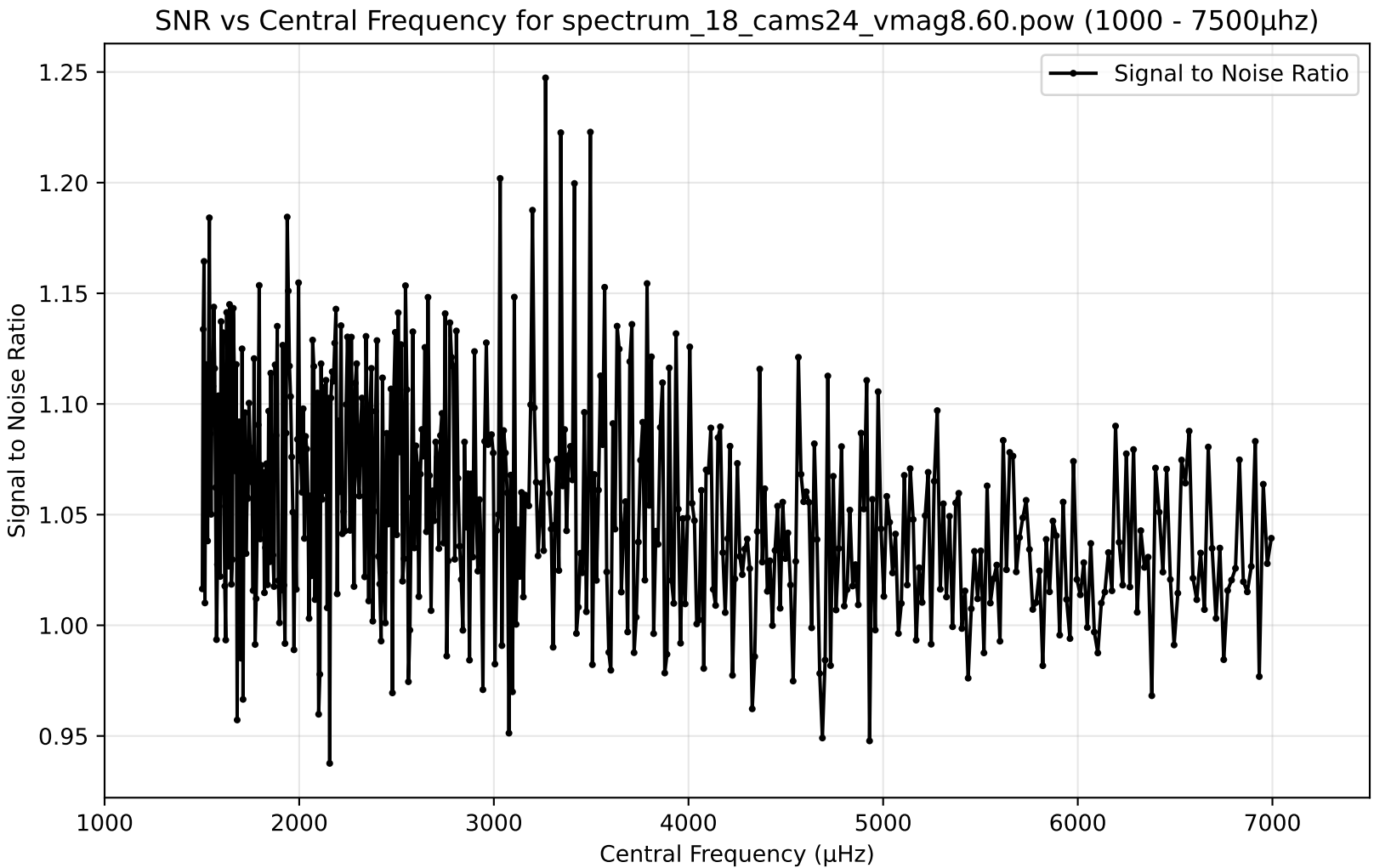

SNR variation for top n% of data for spectrum_18_cams24_vmag10.47.pow. Drowned by noise at 11.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
0
20
40
60
80
100
Percent of data used

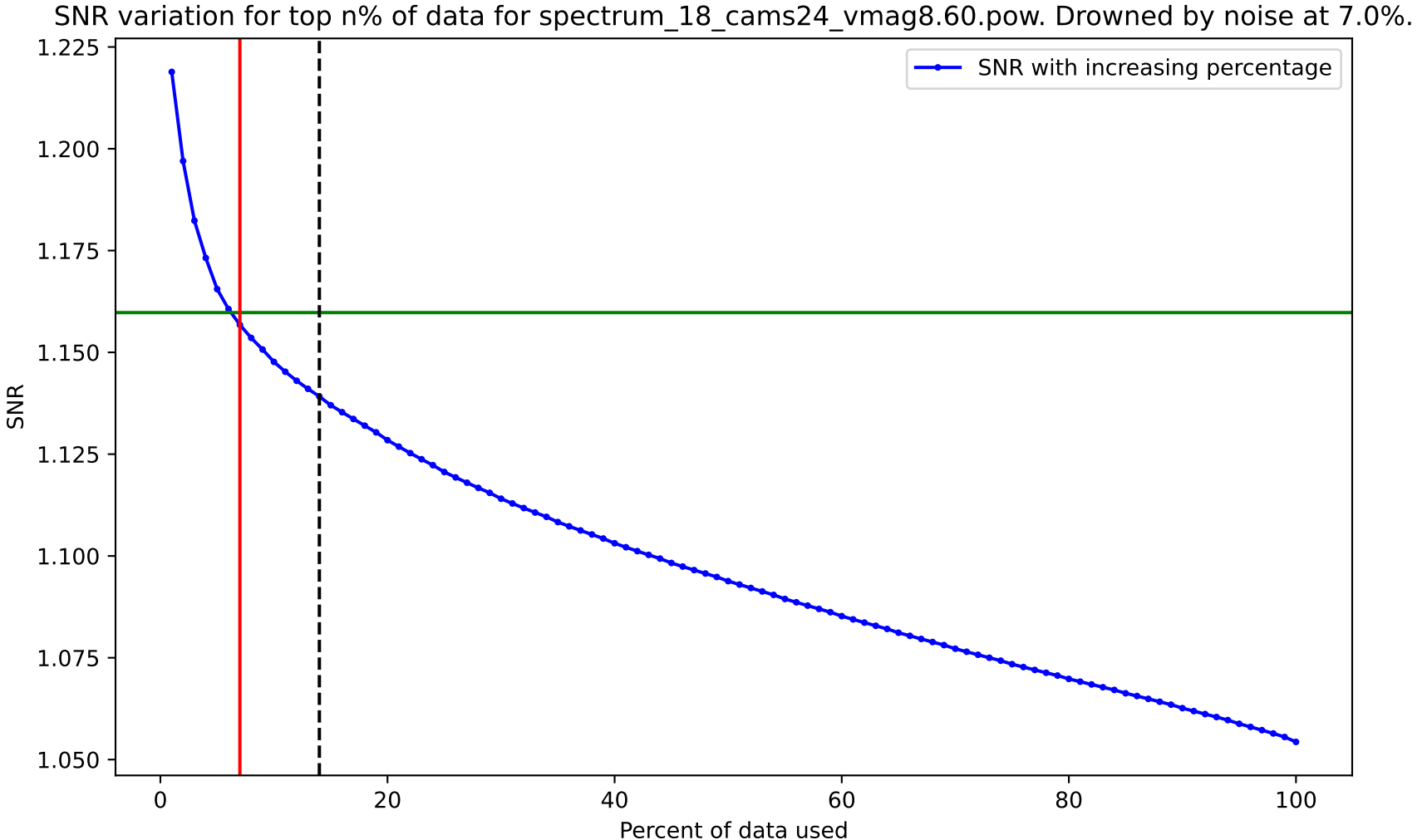

SNR vs Central Frequency for spectrum_18_cams24_vmag7.59.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

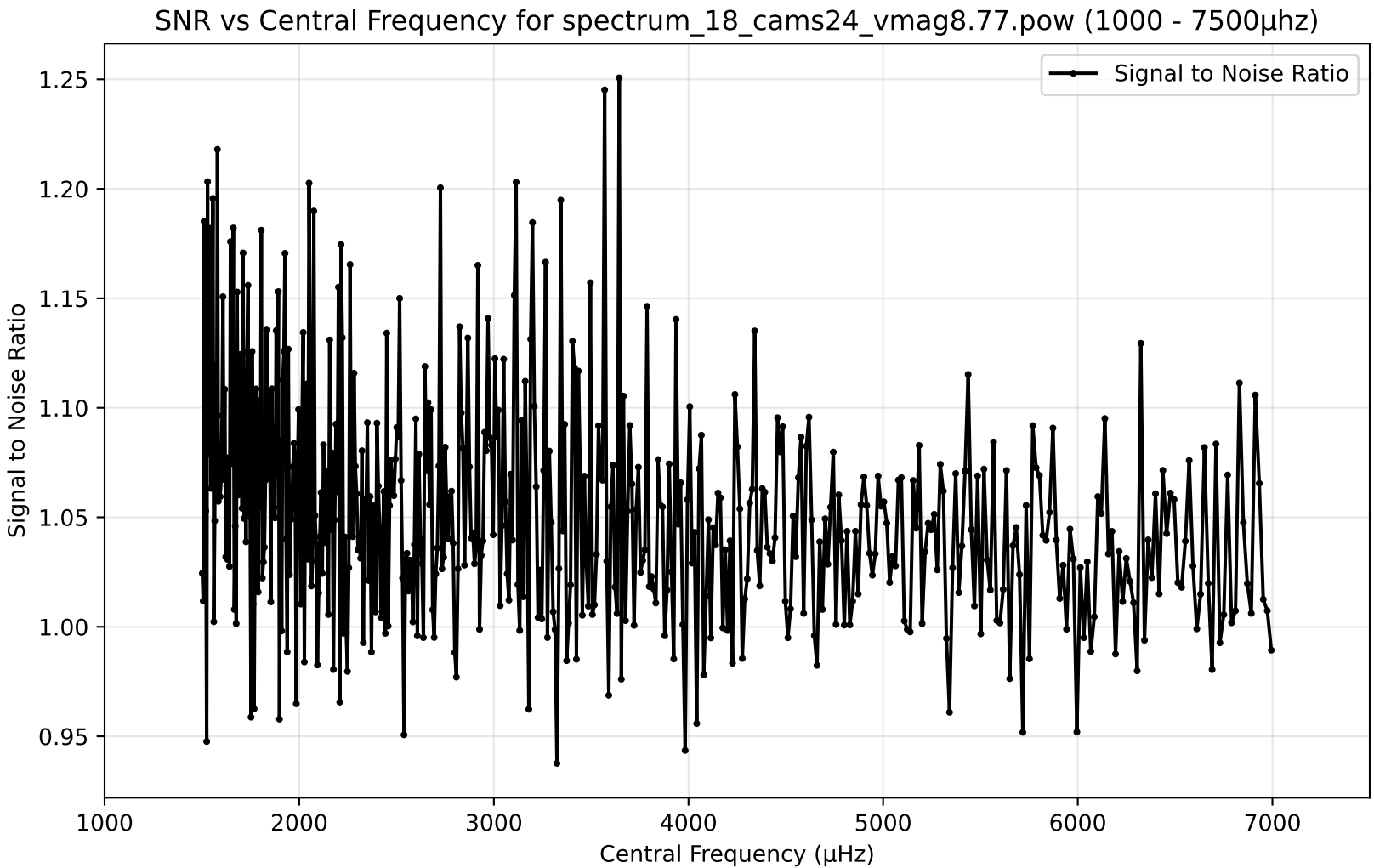

SNR variation for top n% of data for spectrum_18_cams24_vmag7.59.pow. Drowned by noise at 18.0%.
SNR with increasing percentage
SNR
Percent of data used
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100

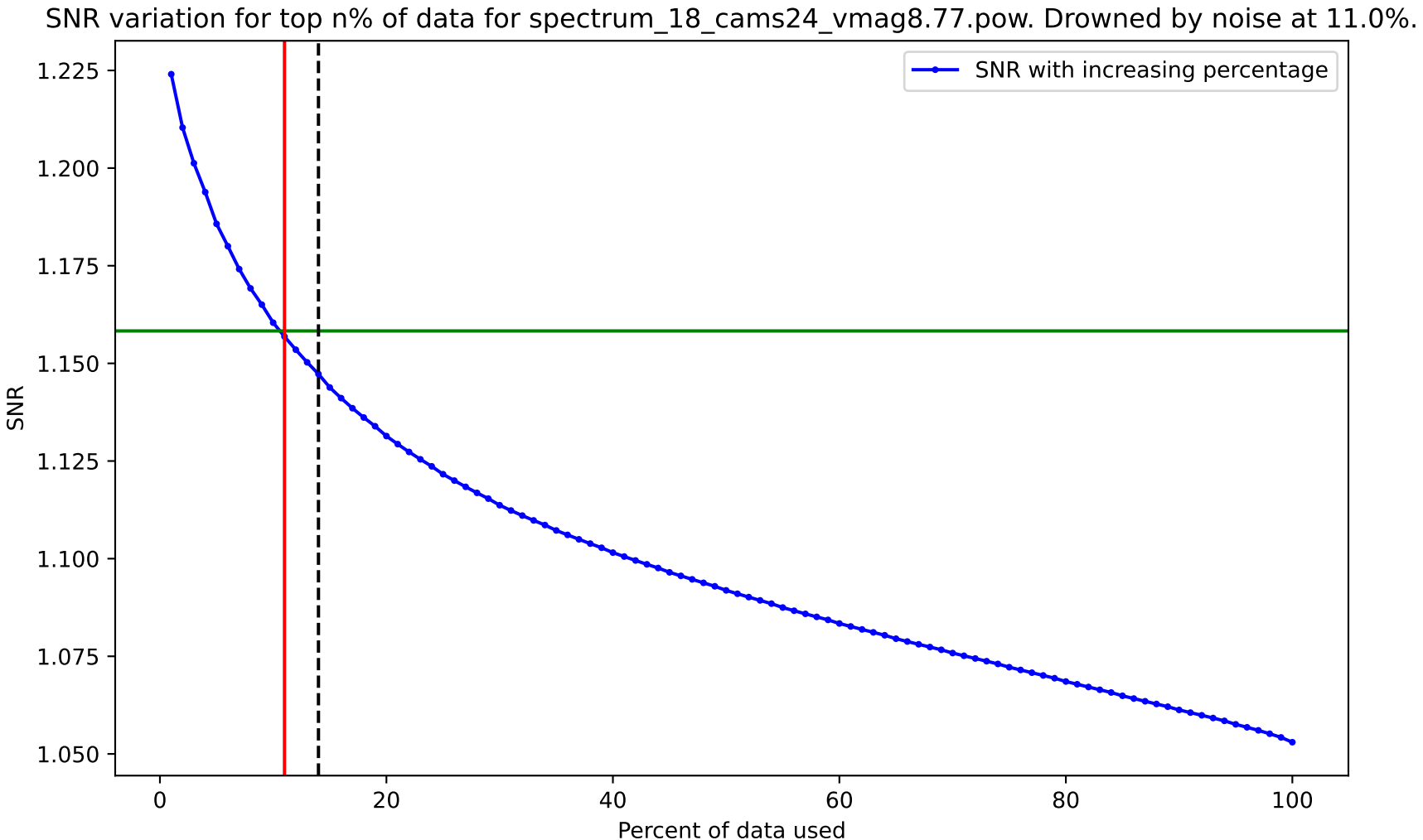

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

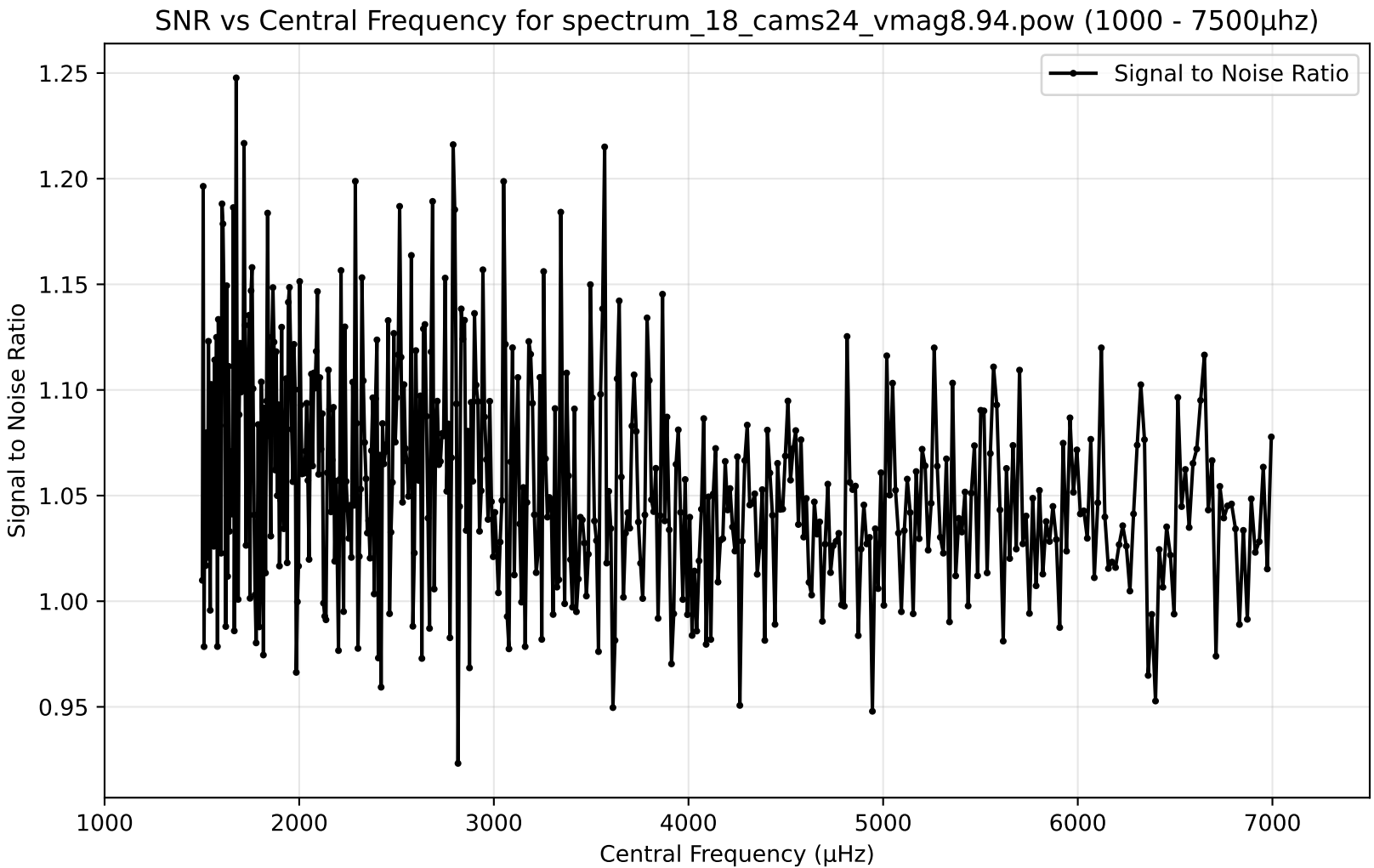

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3418.647μhz ± 120.062μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

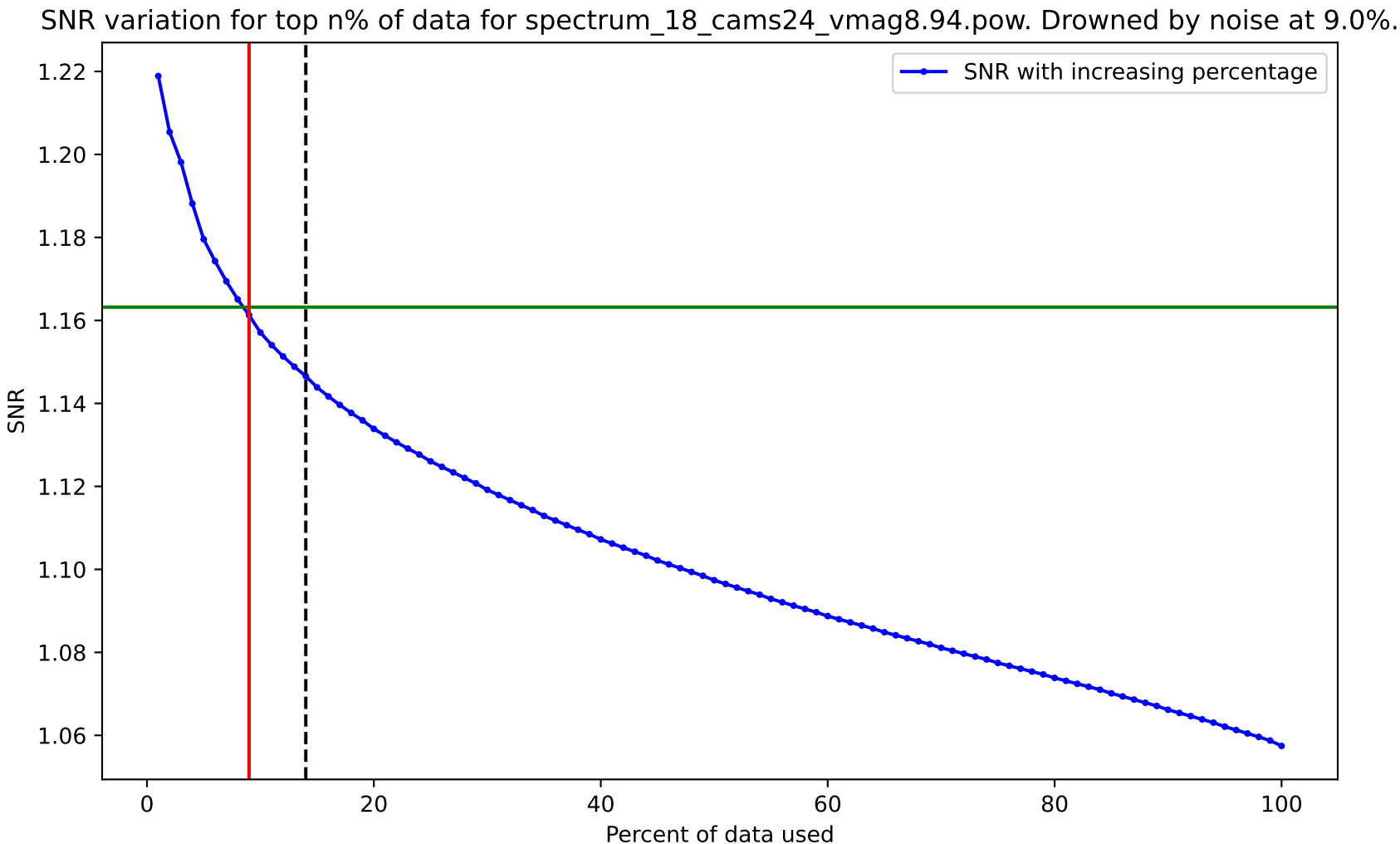

SNR vs Central Frequency for spectrum_18_cams24_vmag8.60.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

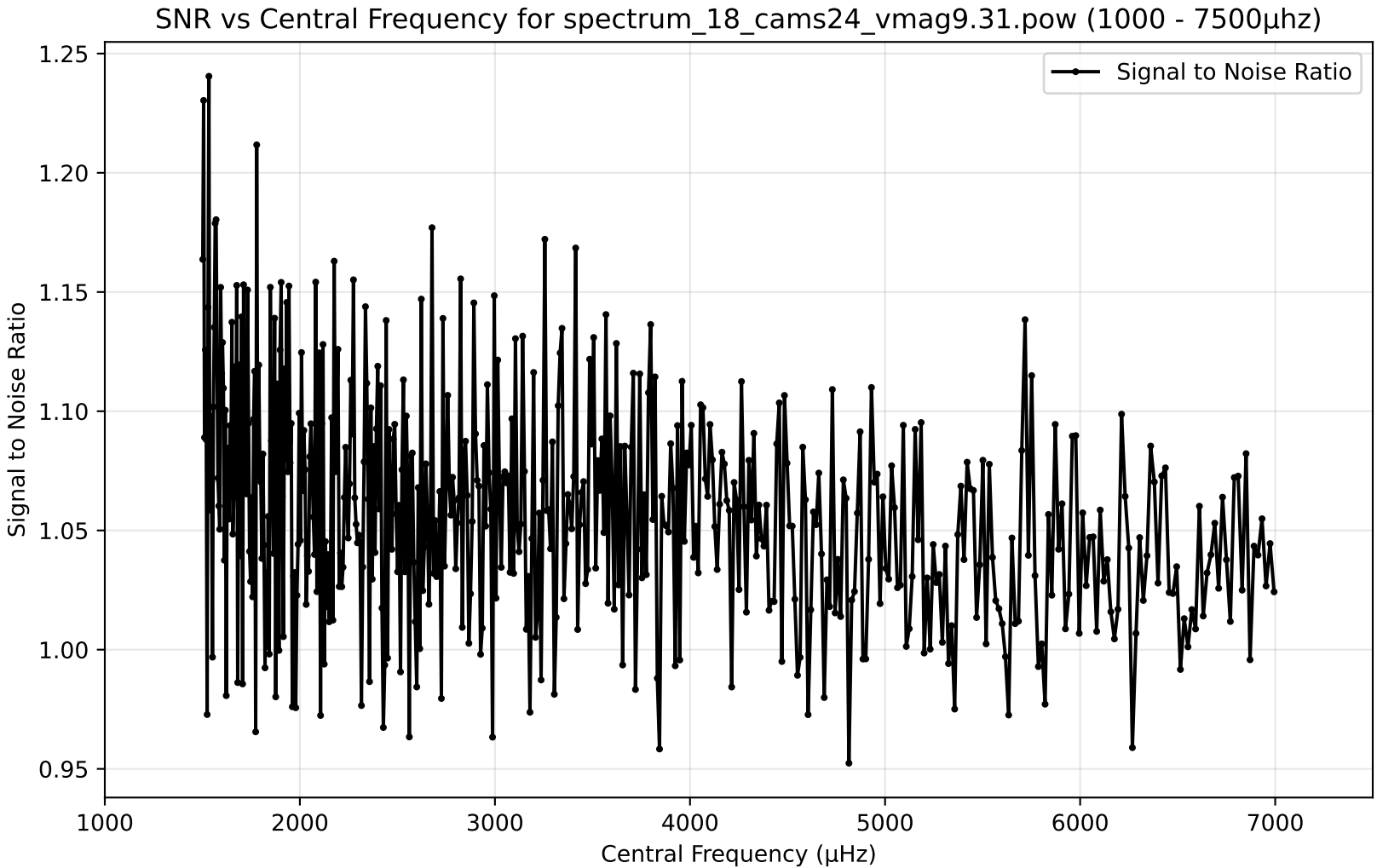

SNR variation for top n% of data for spectrum_18_cams24_vmag8.60.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
Percent of data used
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

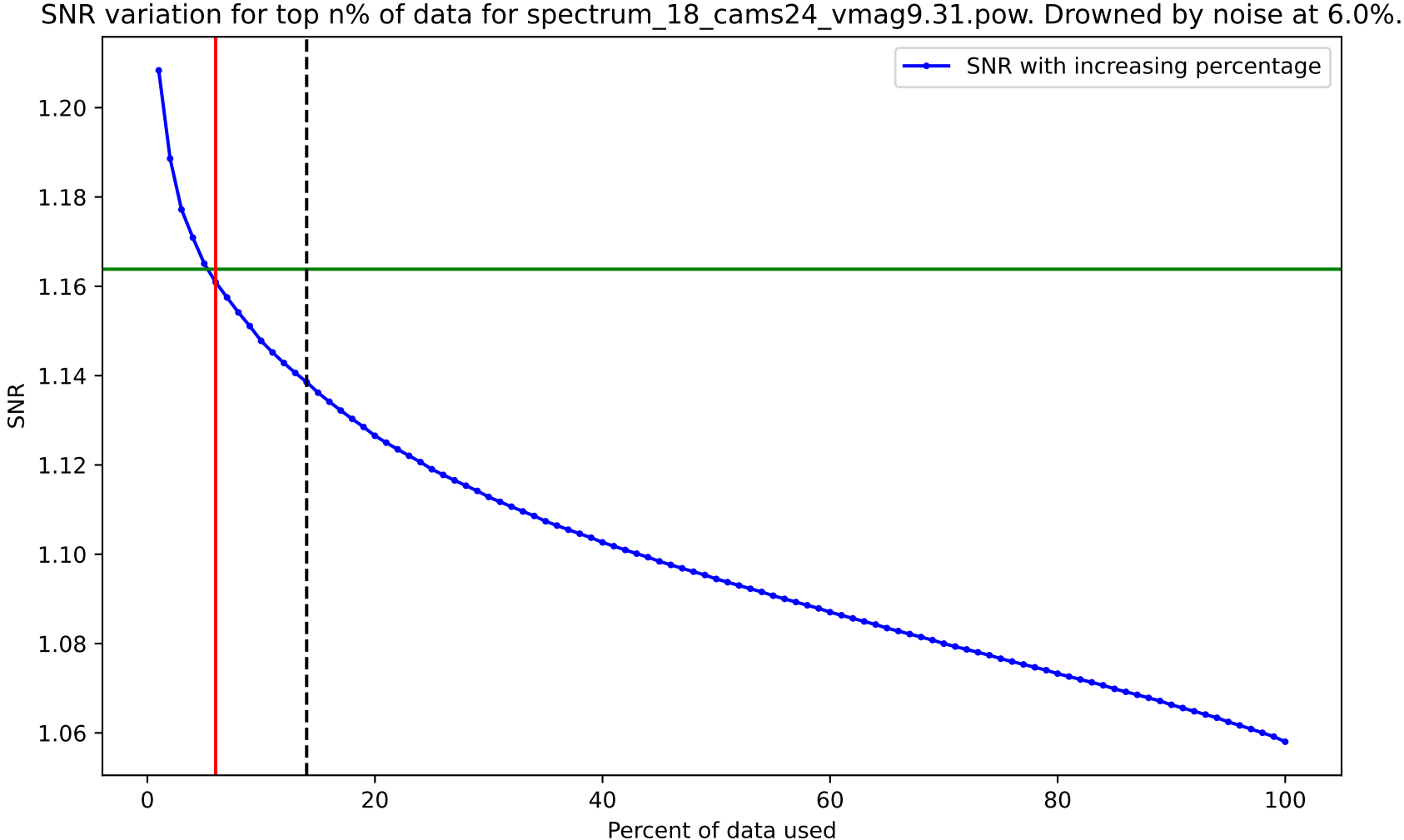

SNR vs Central Frequency for spectrum_18_cams24_vmag8.77.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

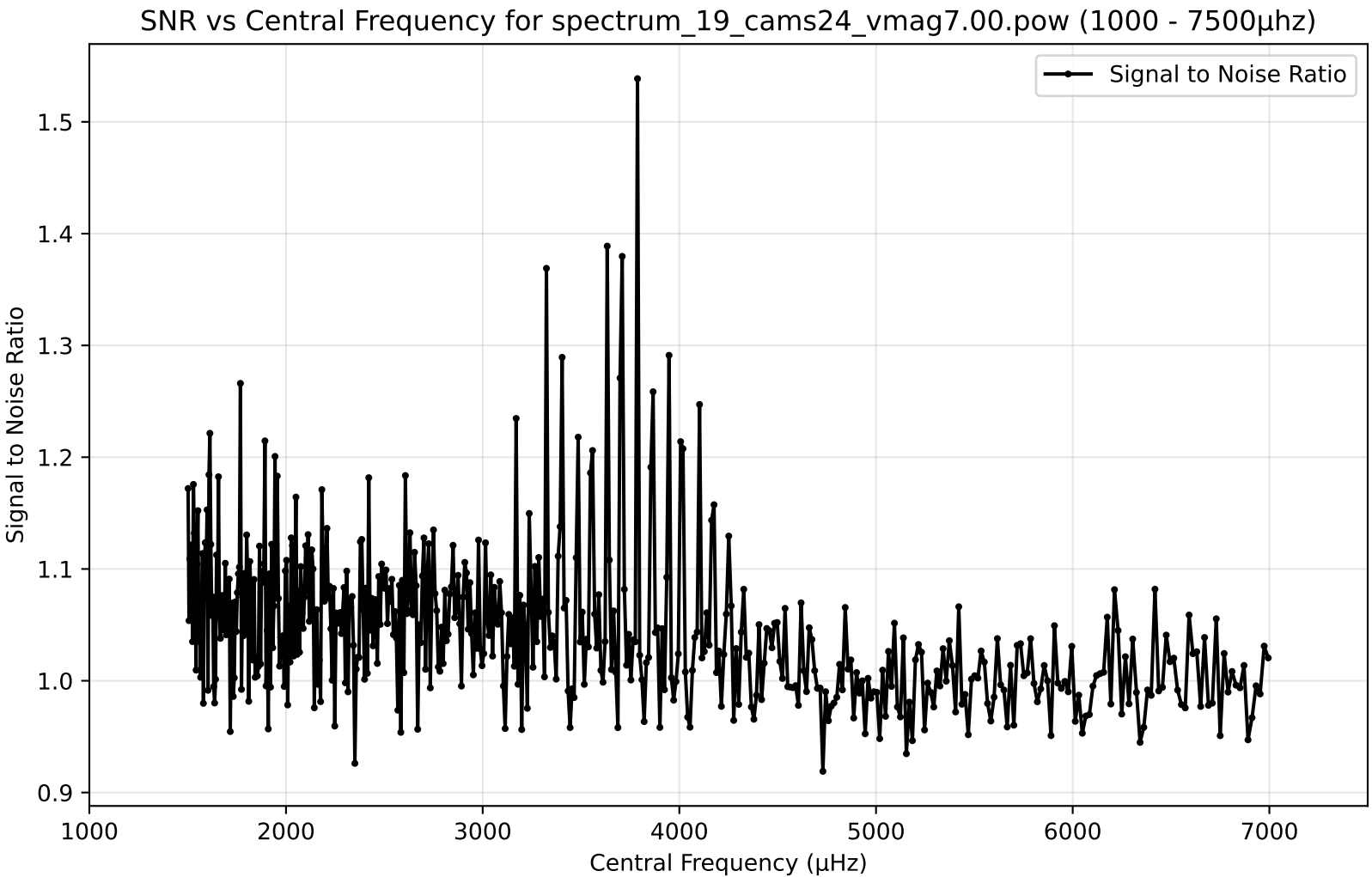

SNR variation for top n% of data for spectrum_18_cams24_vmag8.77.pow. Drowned by noise at 11.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

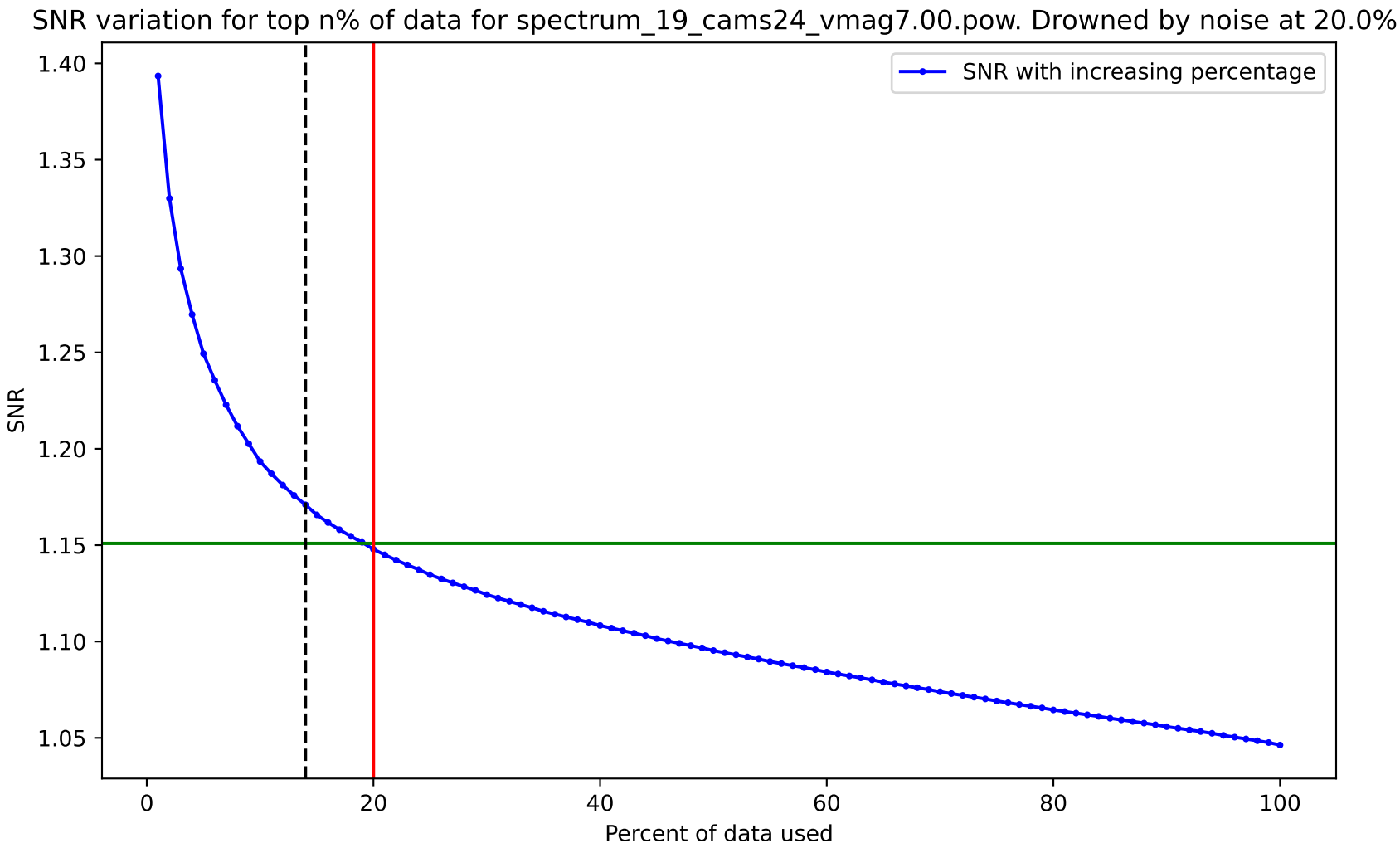

SNR vs Central Frequency for spectrum_18_cams24_vmag8.94.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

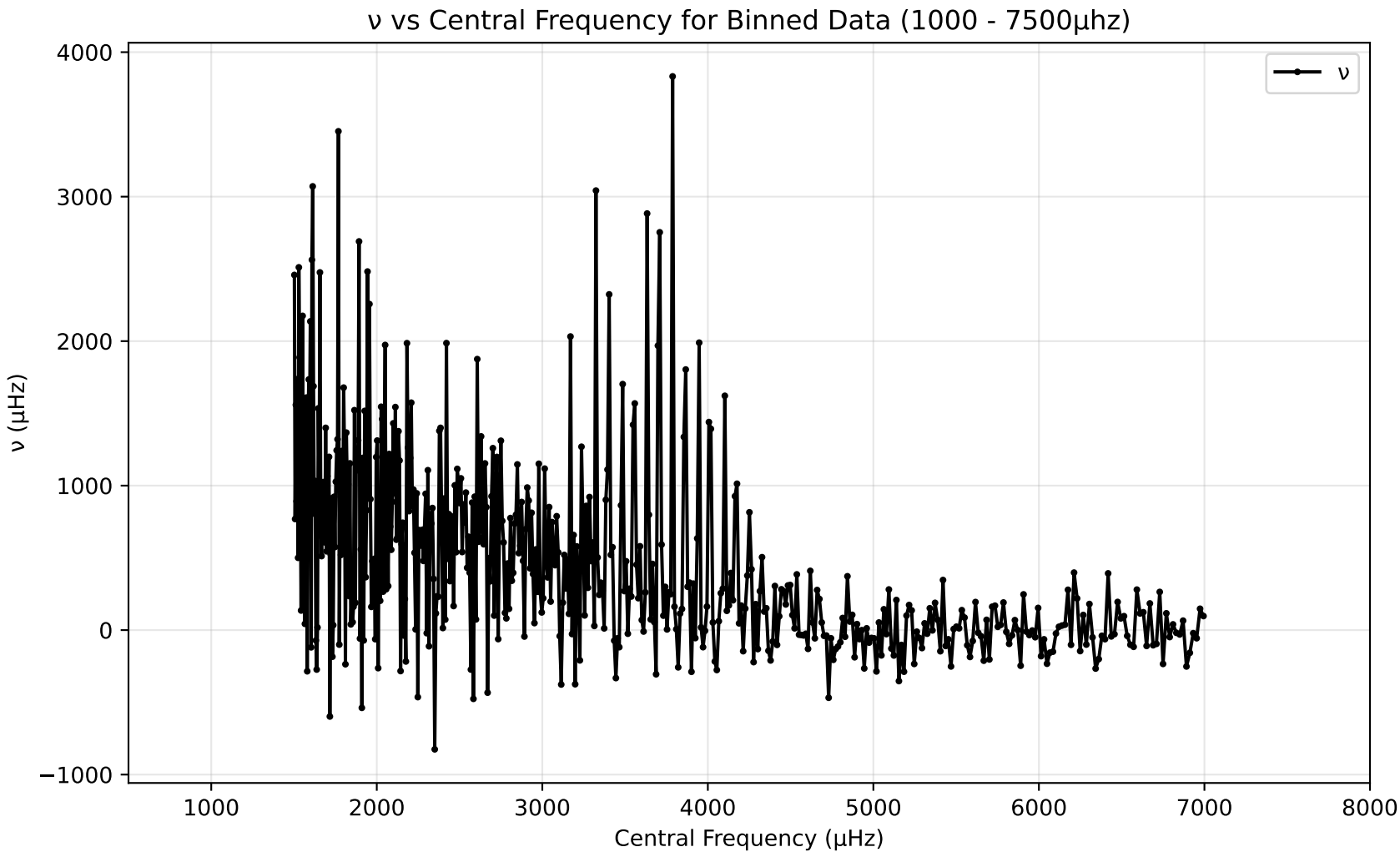

SNR variation for top n% of data for spectrum_18_cams24_vmag8.94.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

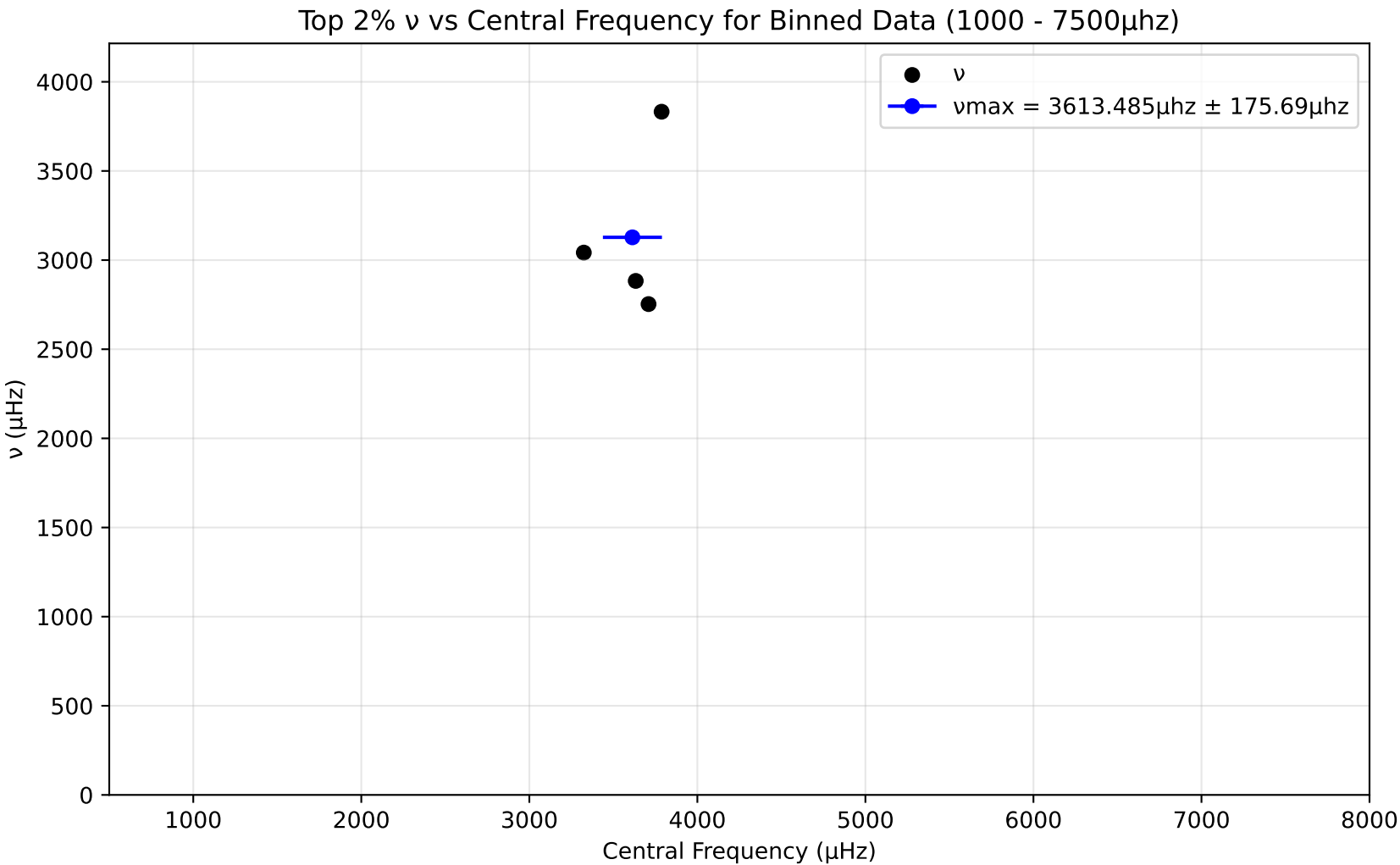

SNR vs Central Frequency for spectrum_18_cams24_vmag9.31.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

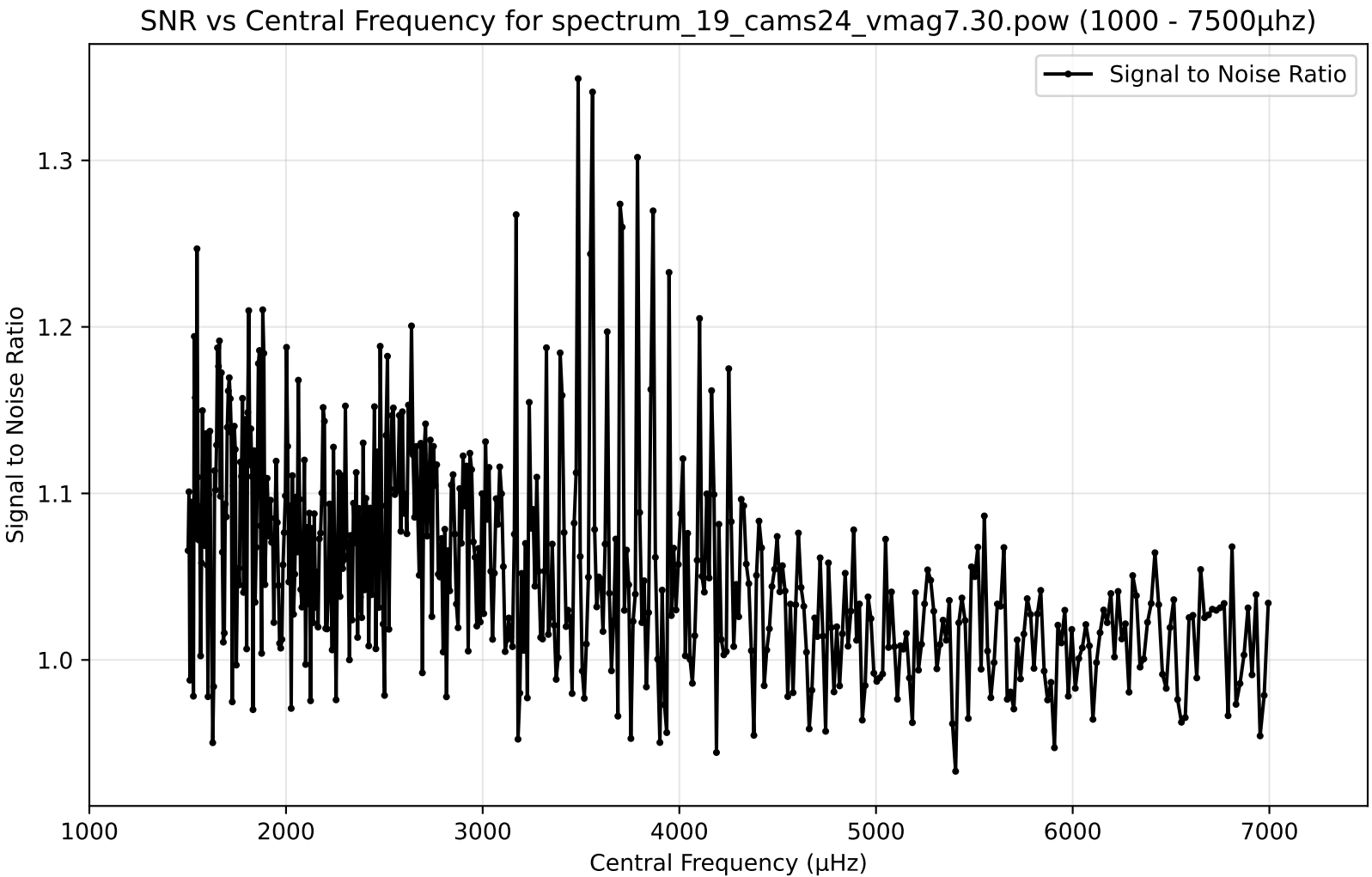

SNR variation for top n% of data for spectrum_18_cams24_vmag9.31.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

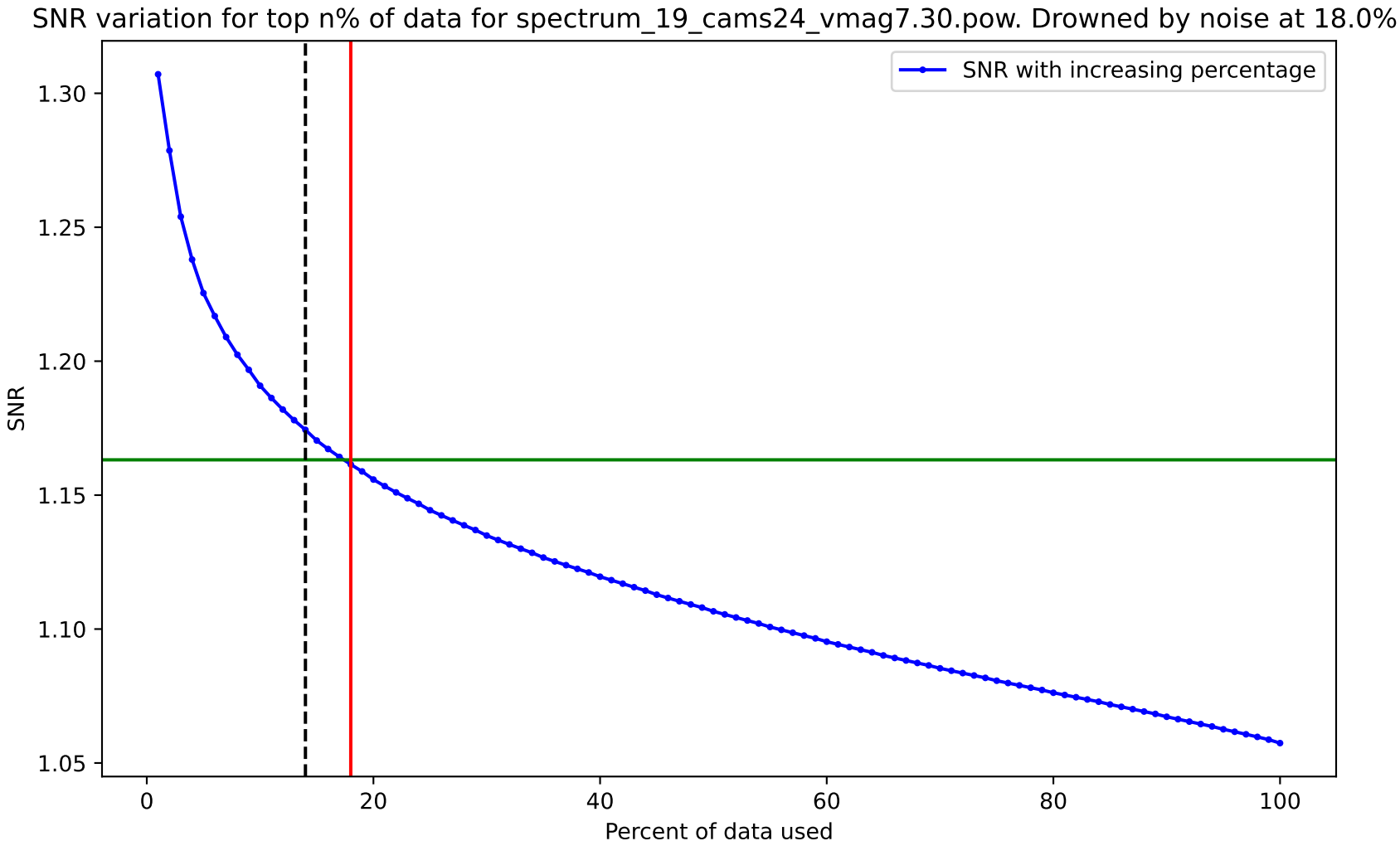

SNR vs Central Frequency for spectrum_19_cams24_vmag7.00.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

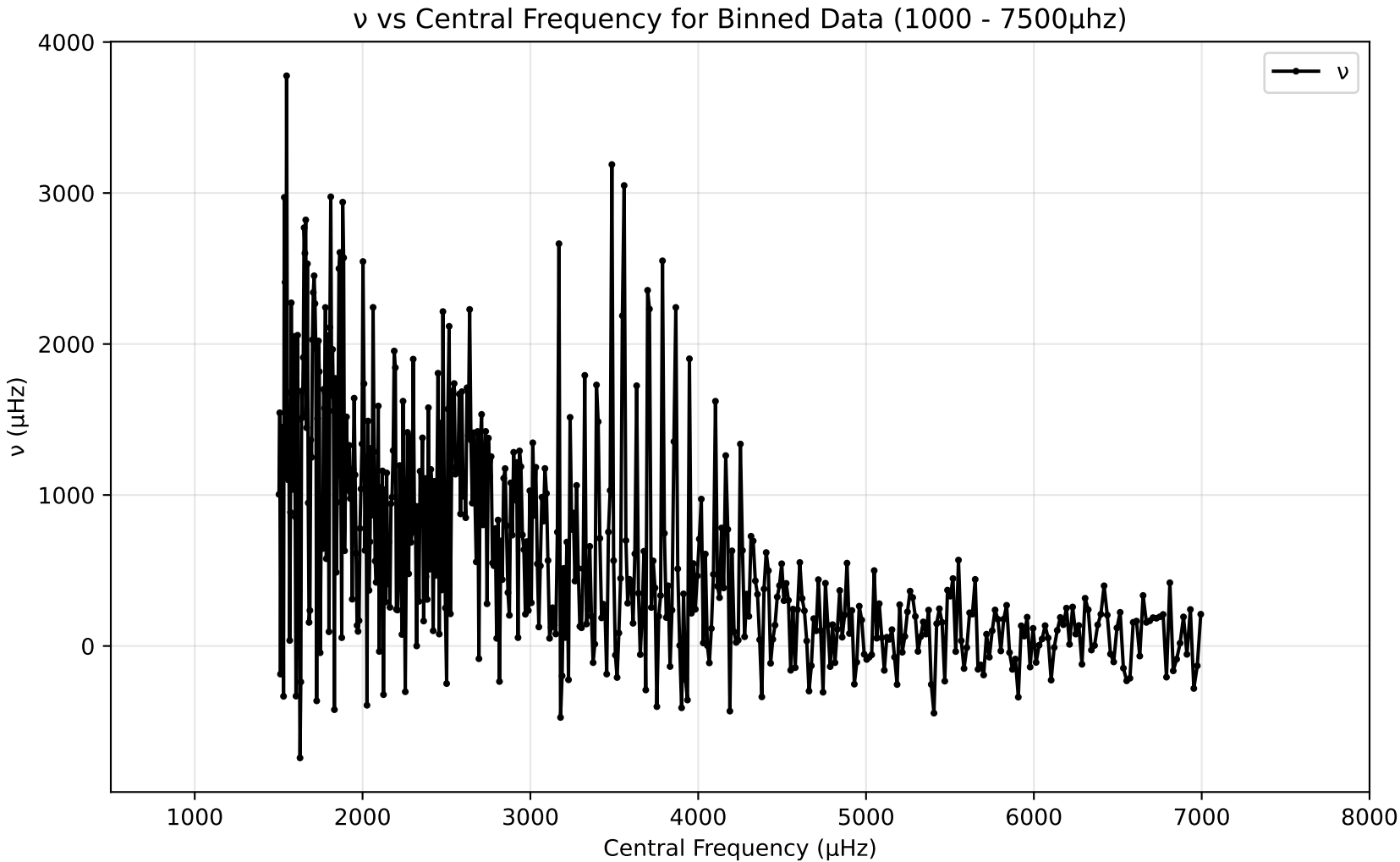

SNR variation for top n% of data for spectrum_19_cams24_vmag7.00.pow. Drowned by noise at 20.0%.
SNR with increasing percentage
SNR
1.40
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

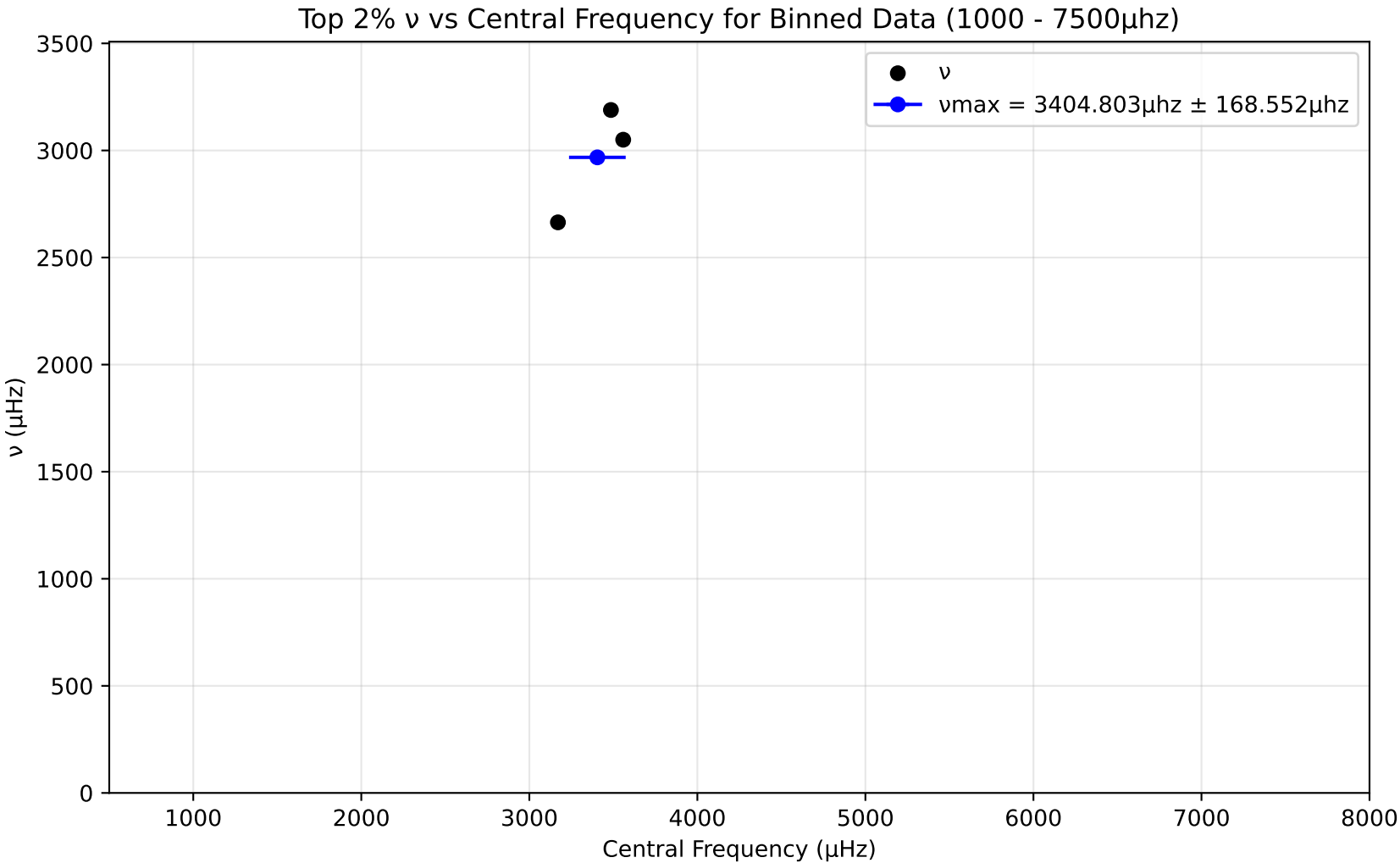

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

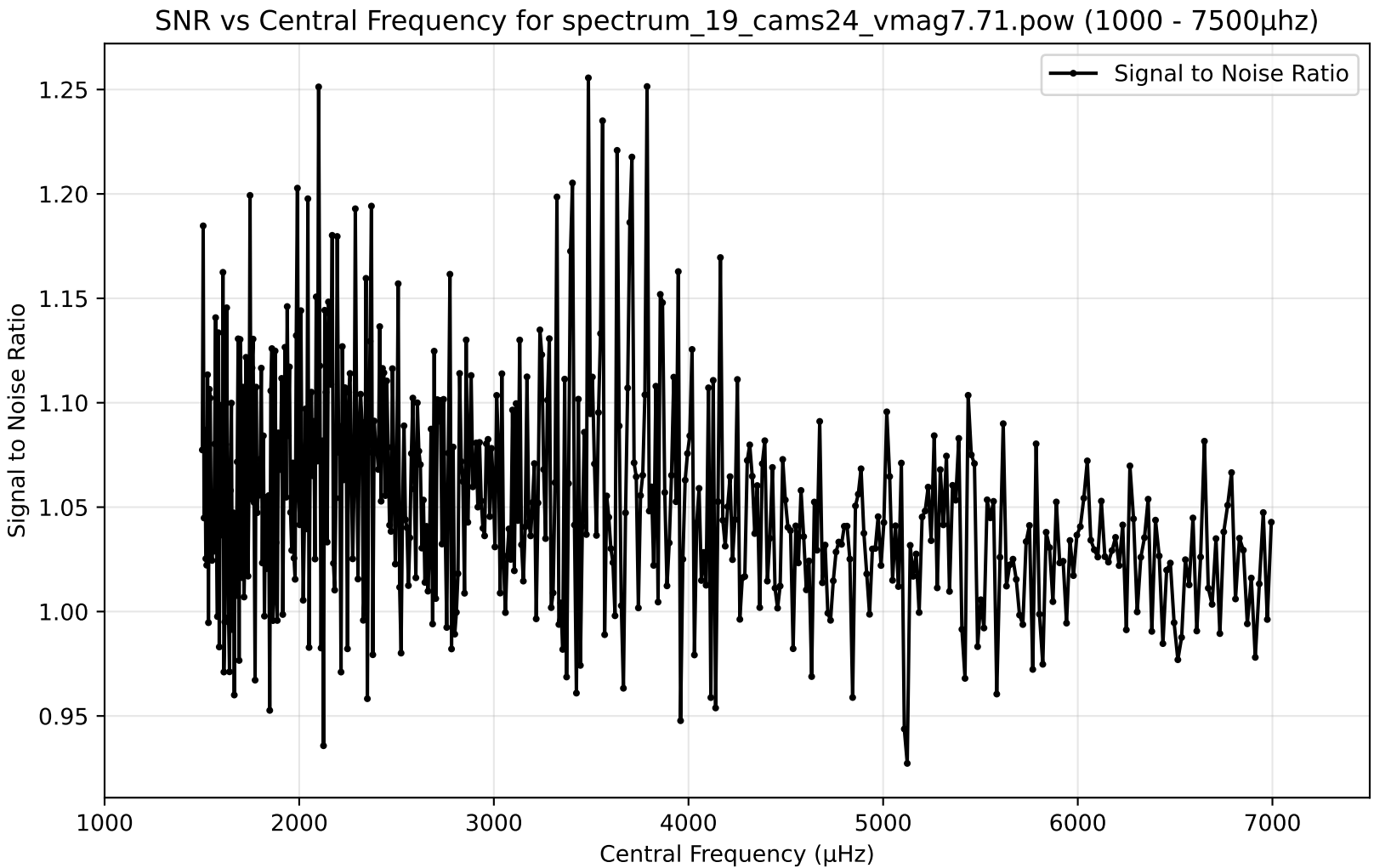

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3613.485μhz ± 175.69μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
4000
1000
2000
3000
4000
5000
6000
7000
8000

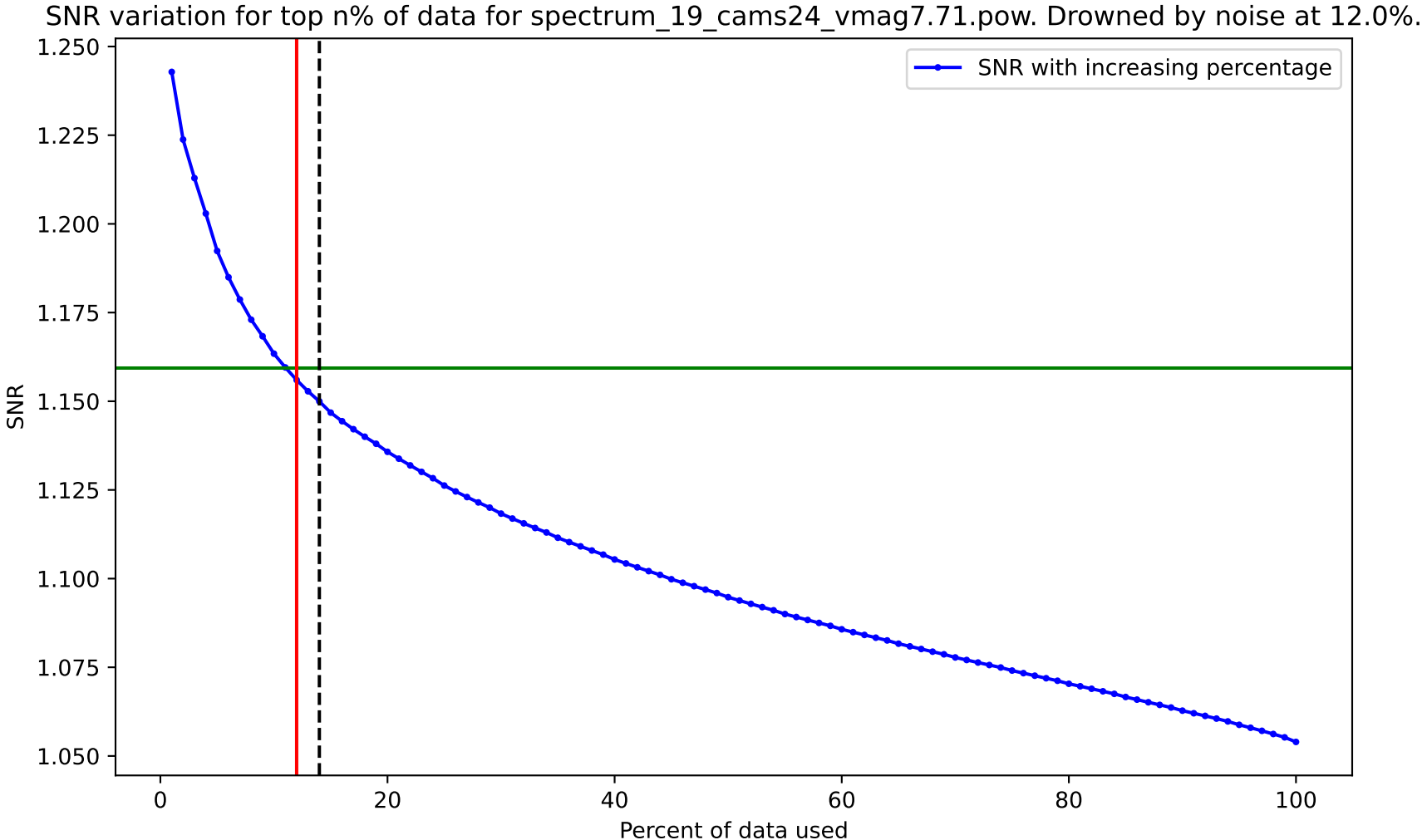

SNR vs Central Frequency for spectrum_19_cams24_vmag7.30.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.3
1.2
1.1
1.0
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

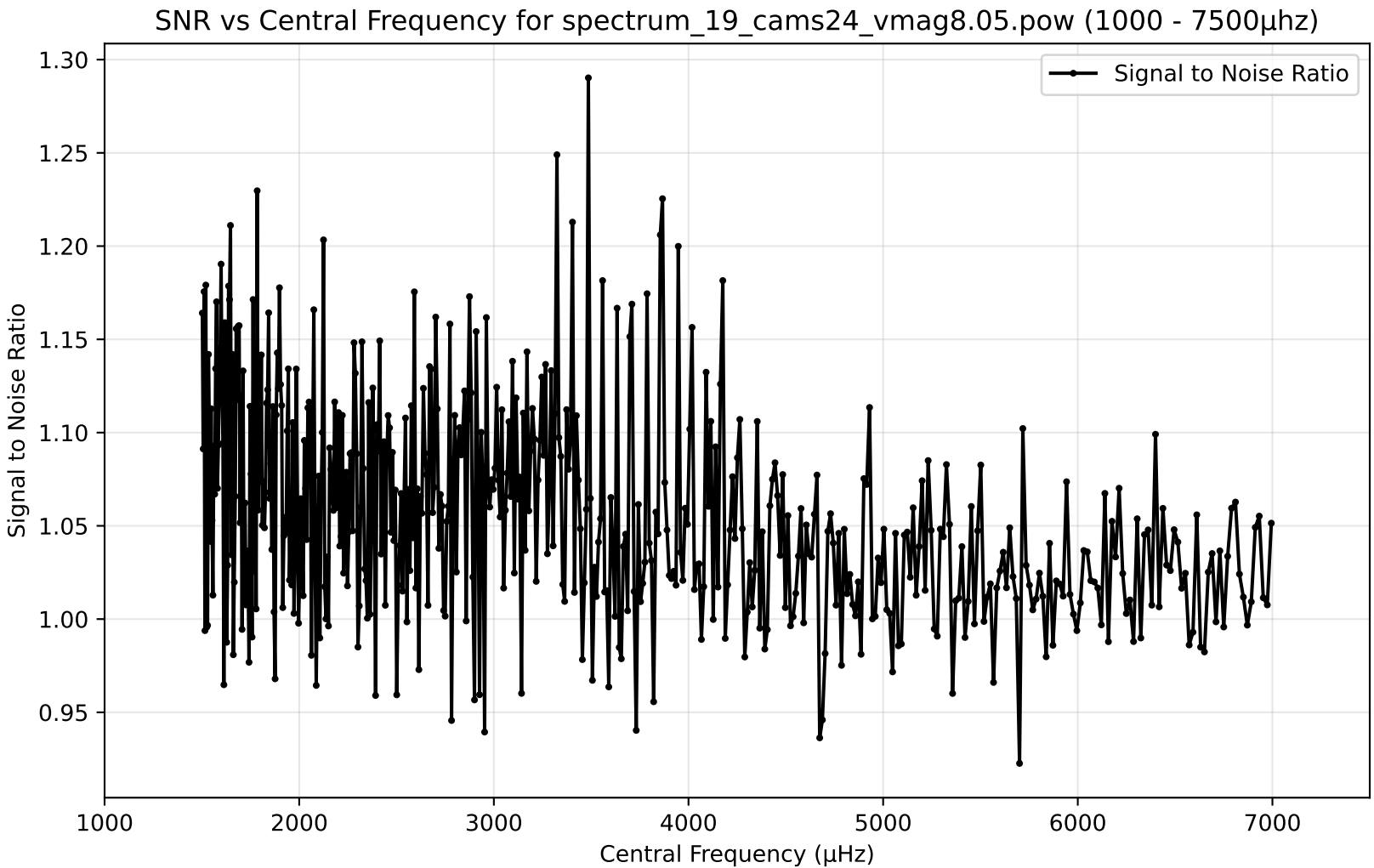

SNR variation for top n% of data for spectrum_19_cams24_vmag7.30.pow. Drowned by noise at 18.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

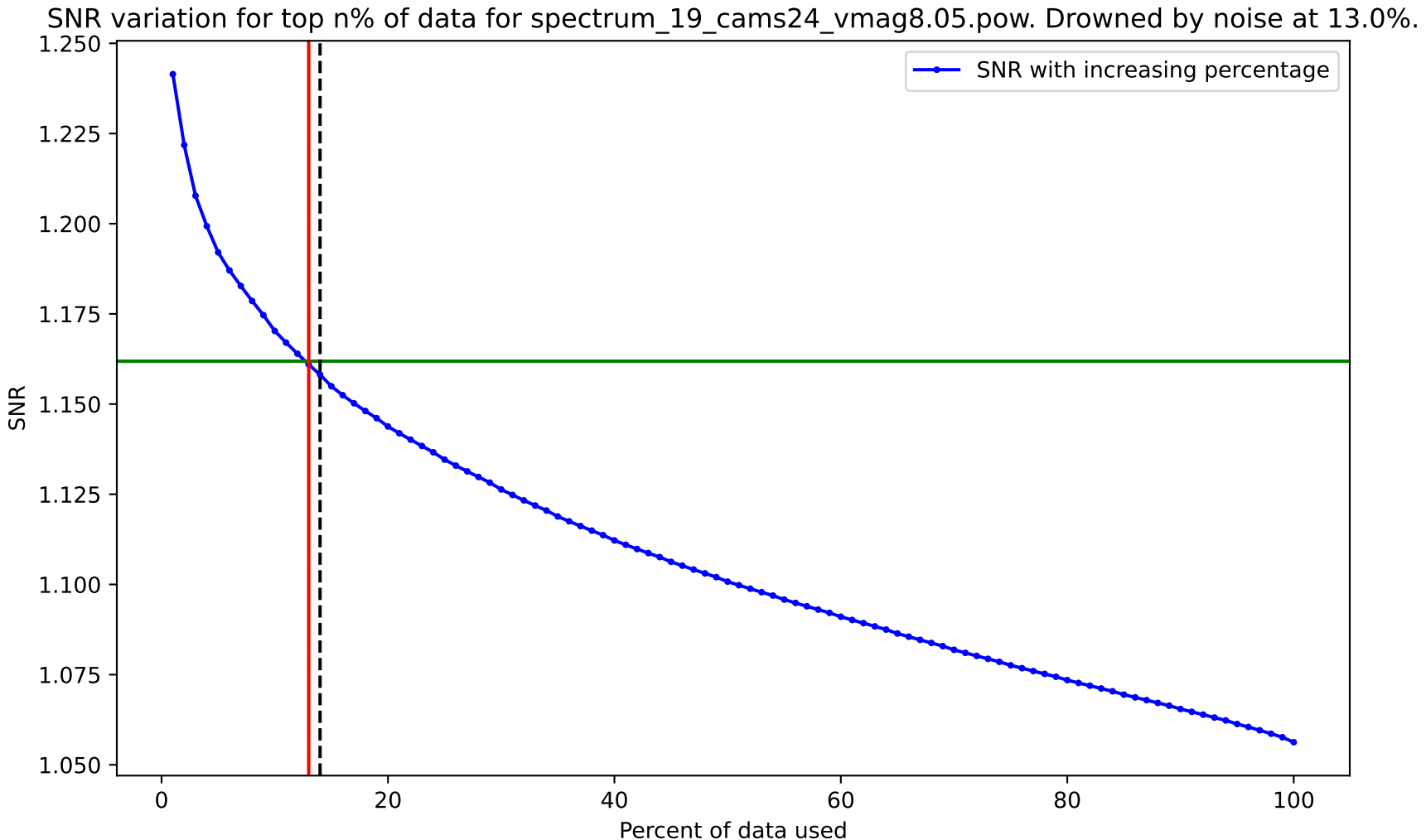

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
4000
3000
2000
1000
0
1000
2000
3000
4000
5000
6000
7000
8000

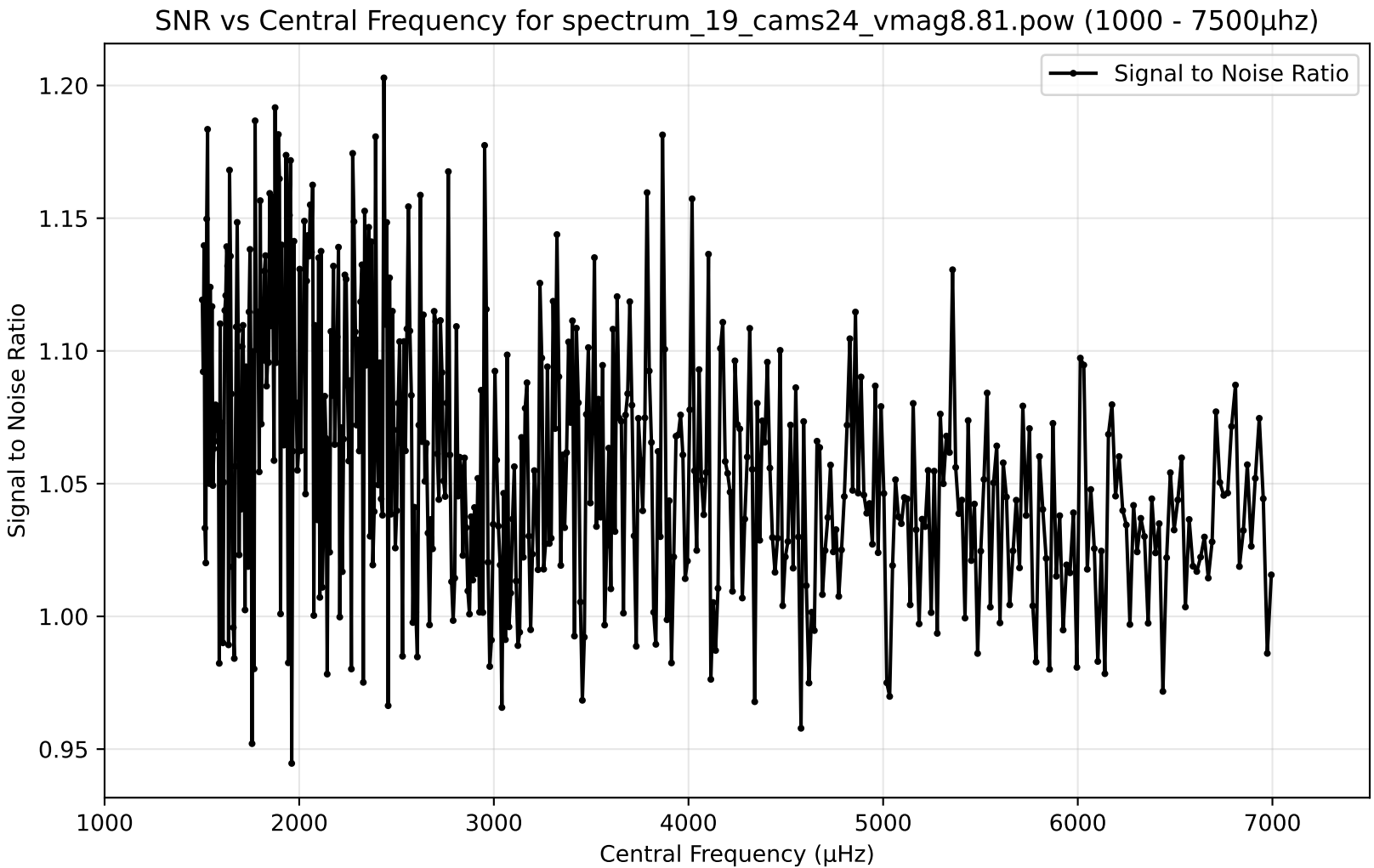

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3404.803μhz ± 168.552μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
1000
2000
3000
4000
5000
6000
7000
8000

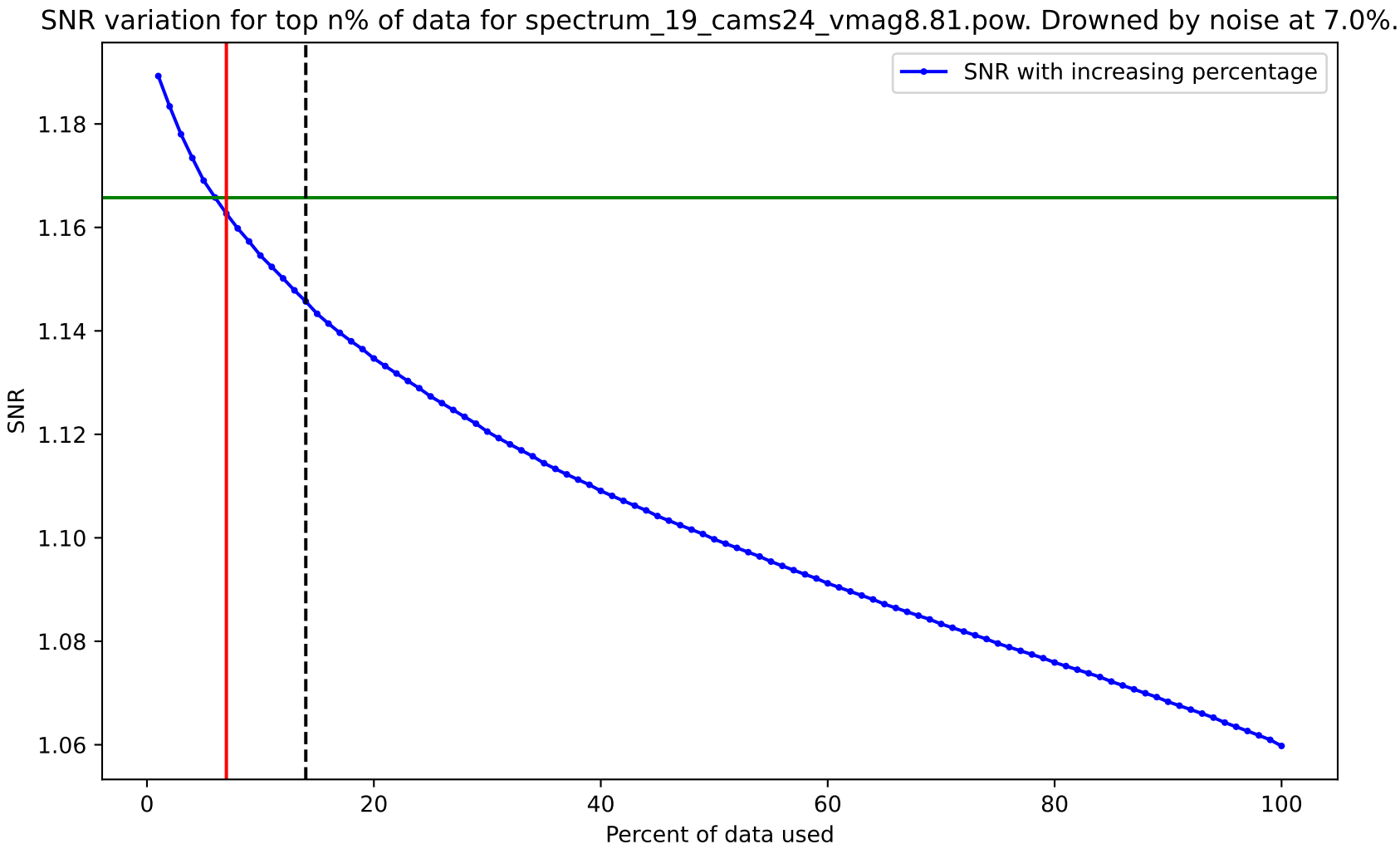

SNR vs Central Frequency for spectrum_19_cams24_vmag7.71.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

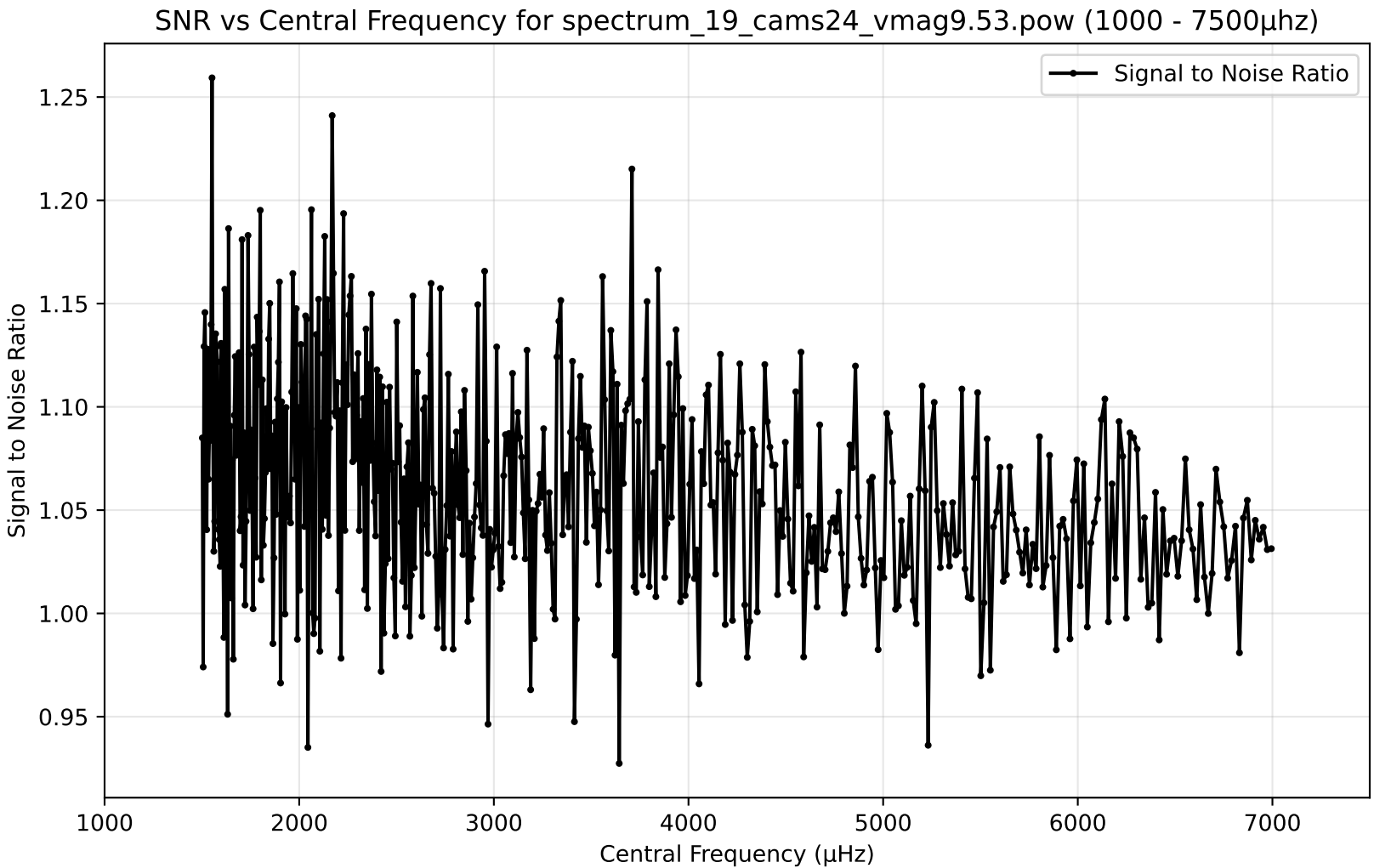

SNR variation for top n% of data for spectrum_19_cams24_vmag7.71.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
Percent of data used
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

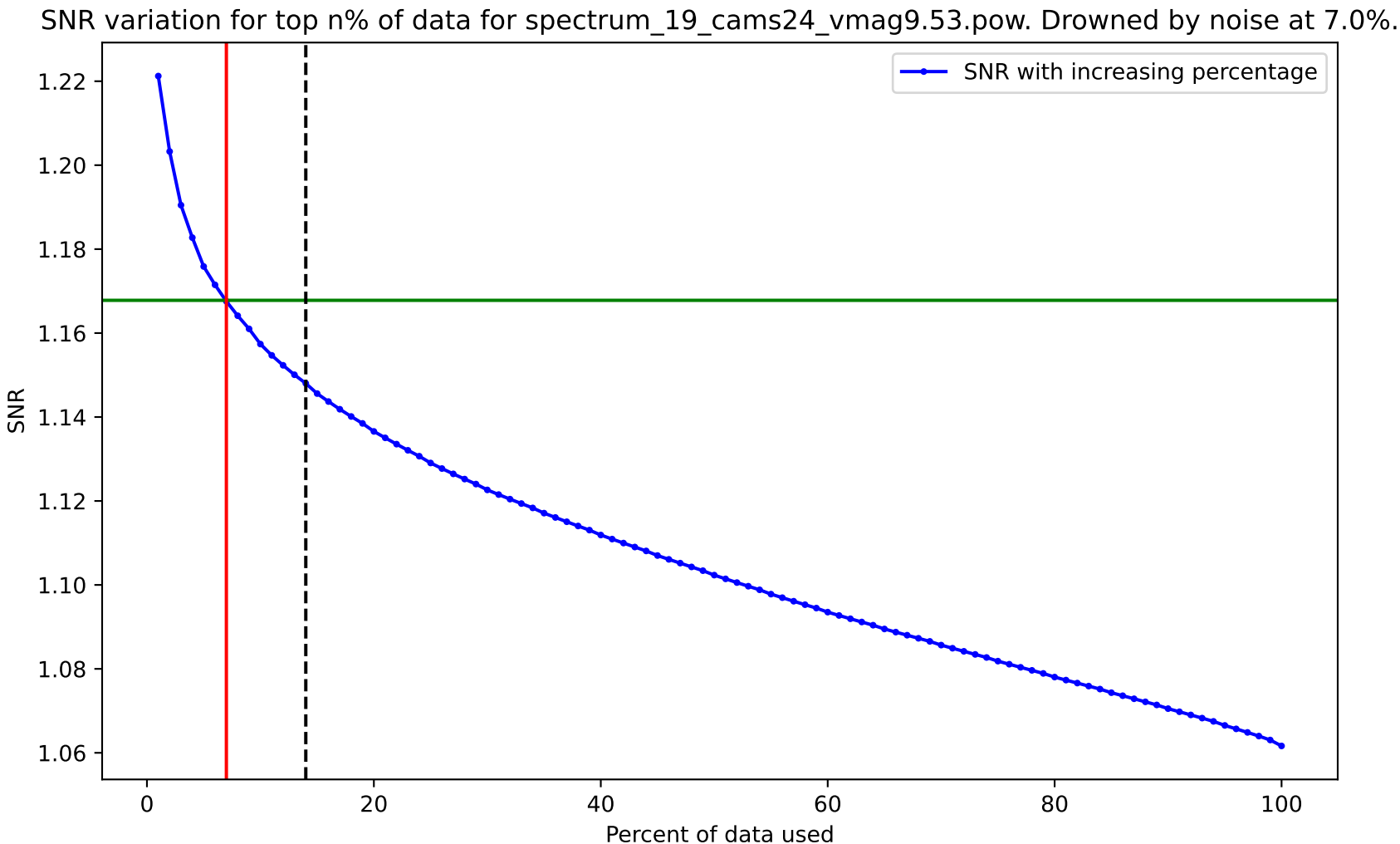

SNR vs Central Frequency for spectrum_19_cams24_vmag8.05.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

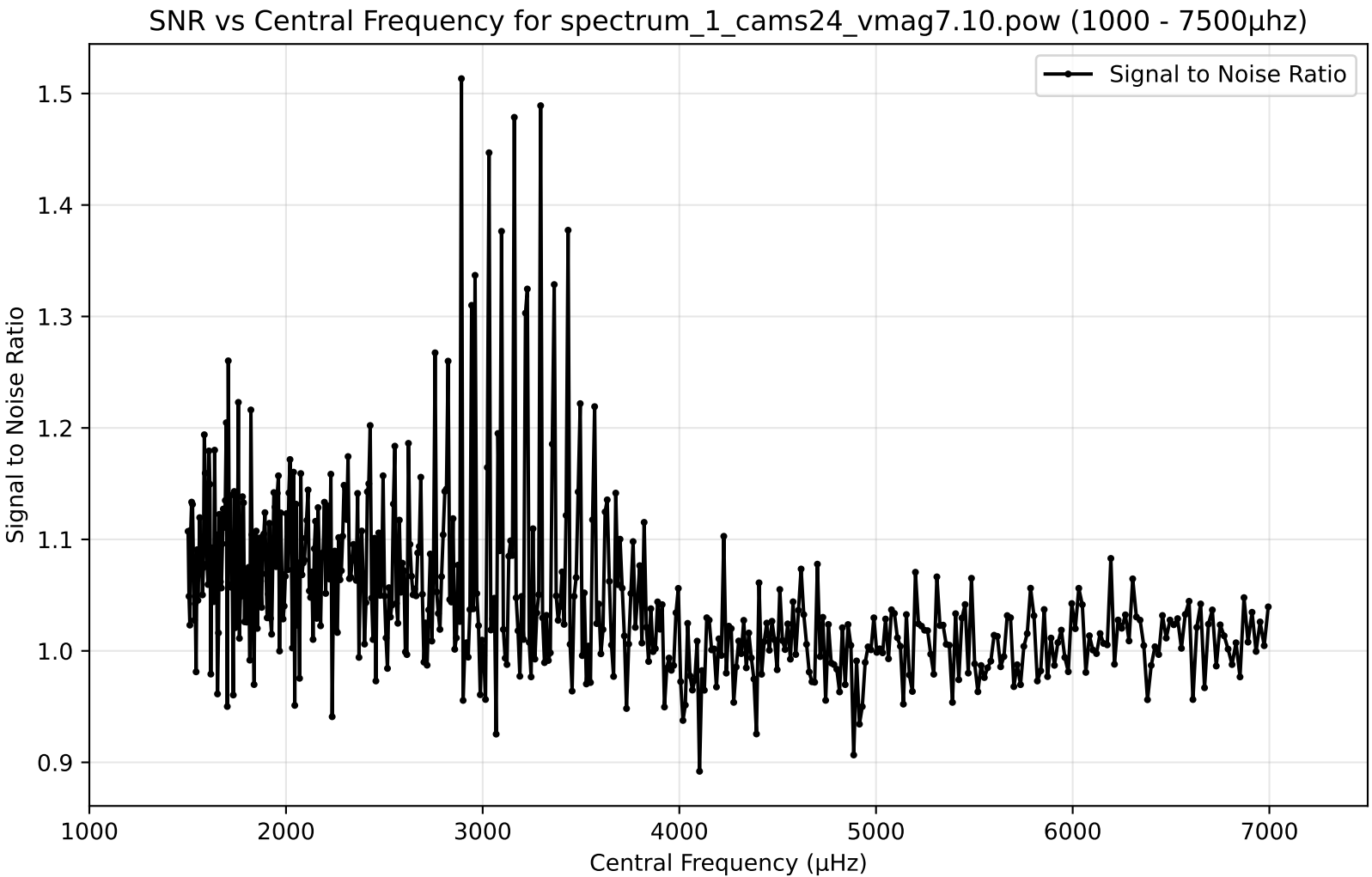

SNR variation for top n% of data for spectrum_19_cams24_vmag8.05.pow. Drowned by noise at 13.0%.
SNR with increasing percentage
SNR
Percent of data used
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

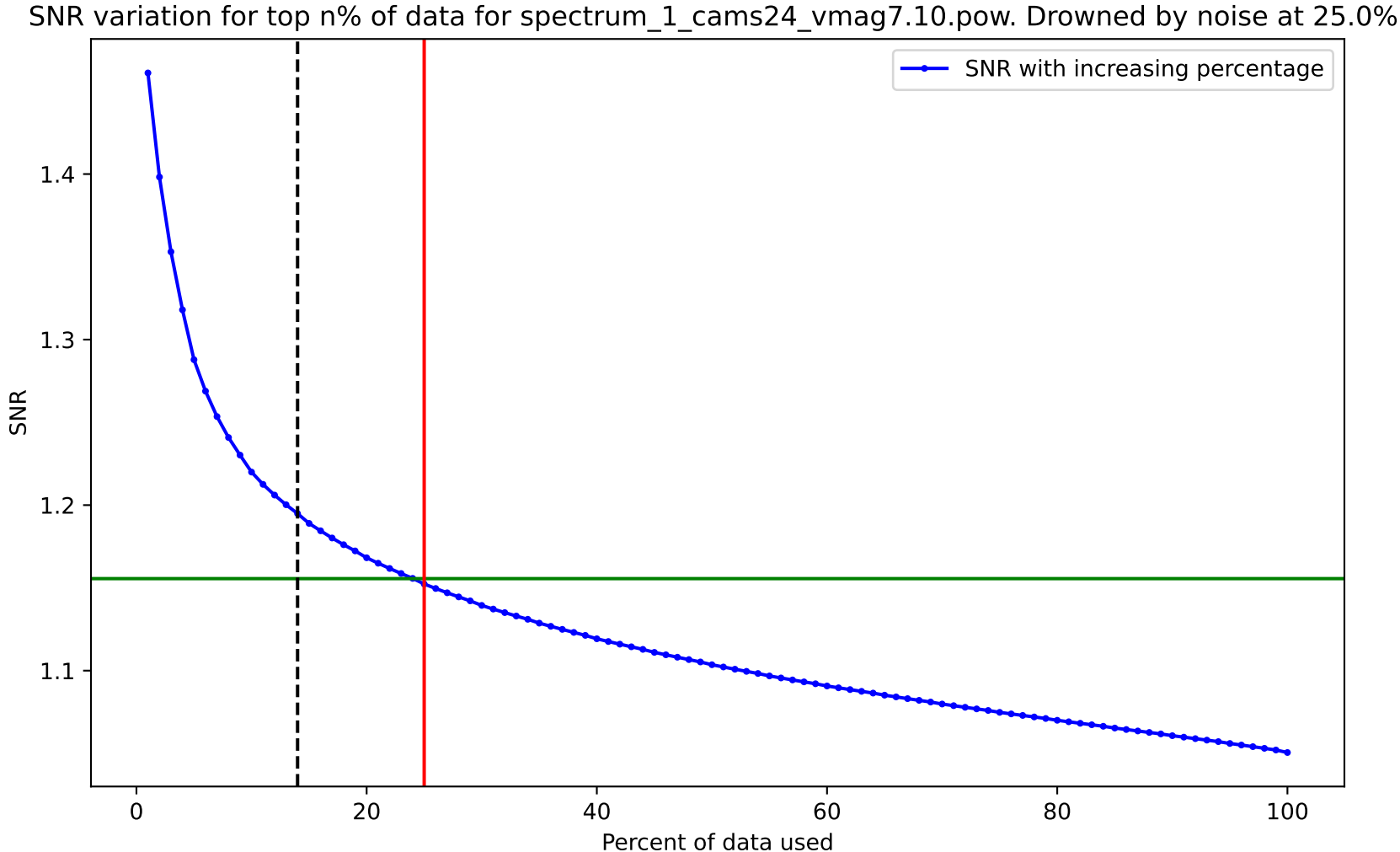

SNR vs Central Frequency for spectrum_19_cams24_vmag8.81.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

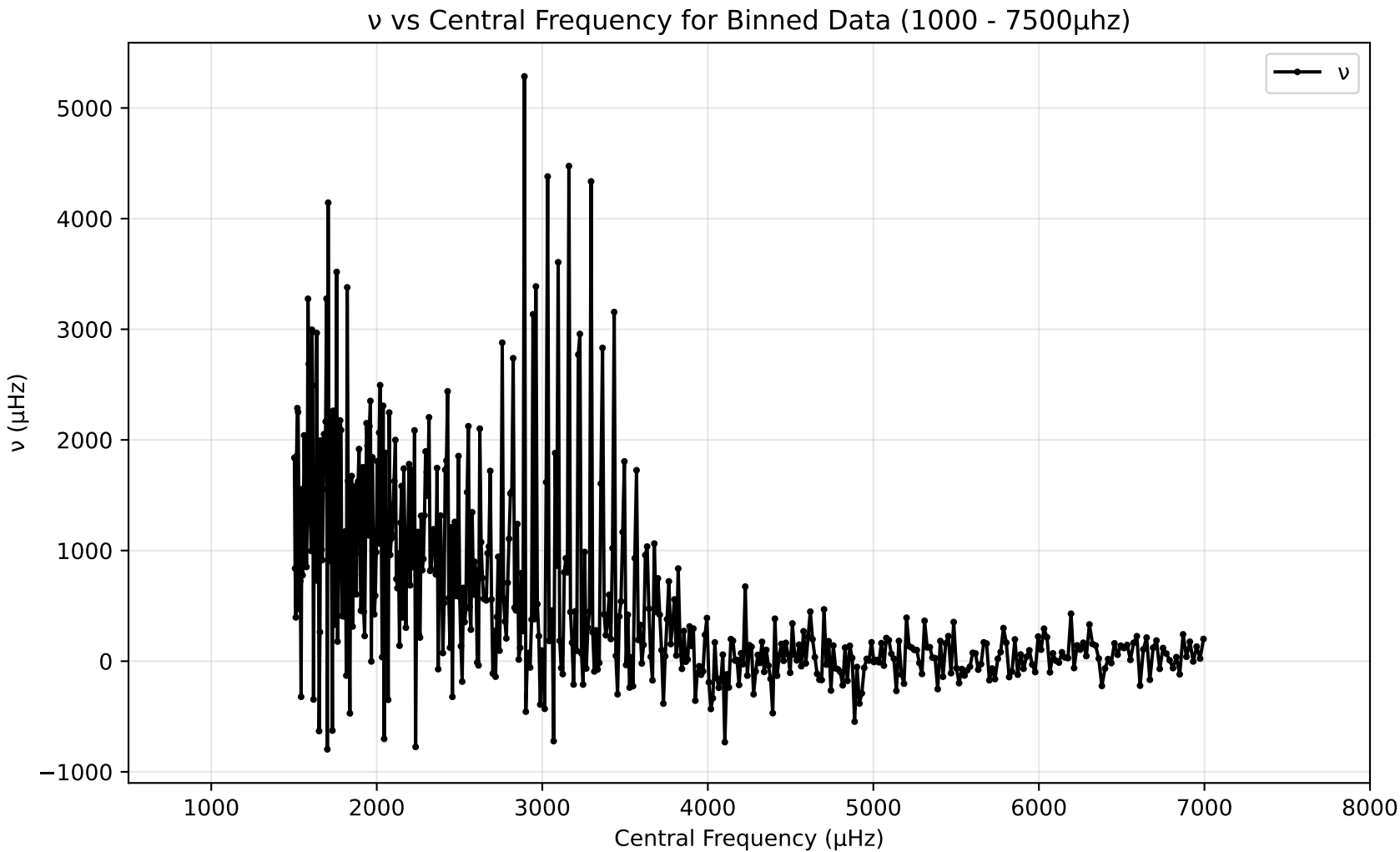

SNR variation for top n% of data for spectrum_19_cams24_vmag8.81.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

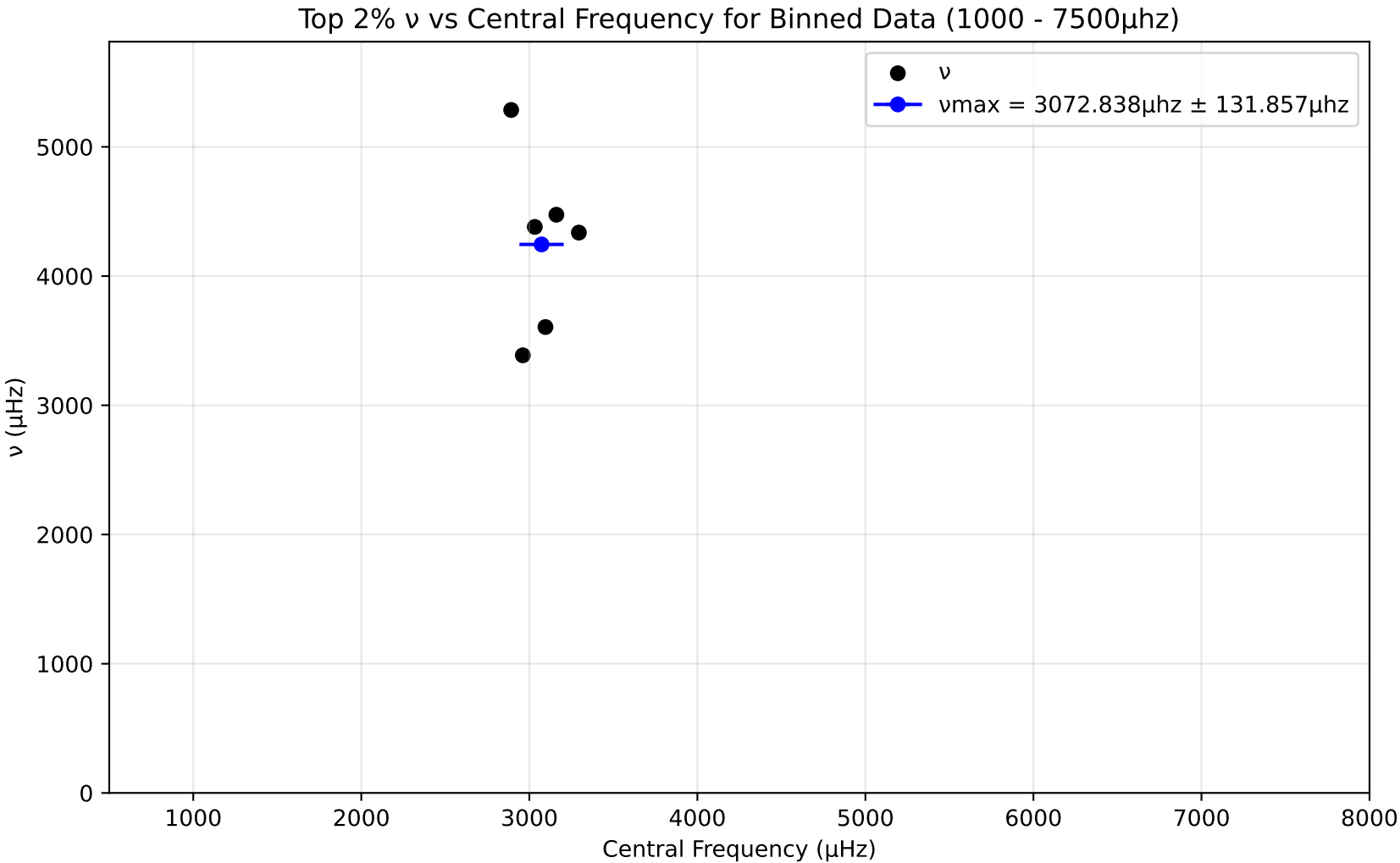

SNR vs Central Frequency for spectrum_19_cams24_vmag9.53.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

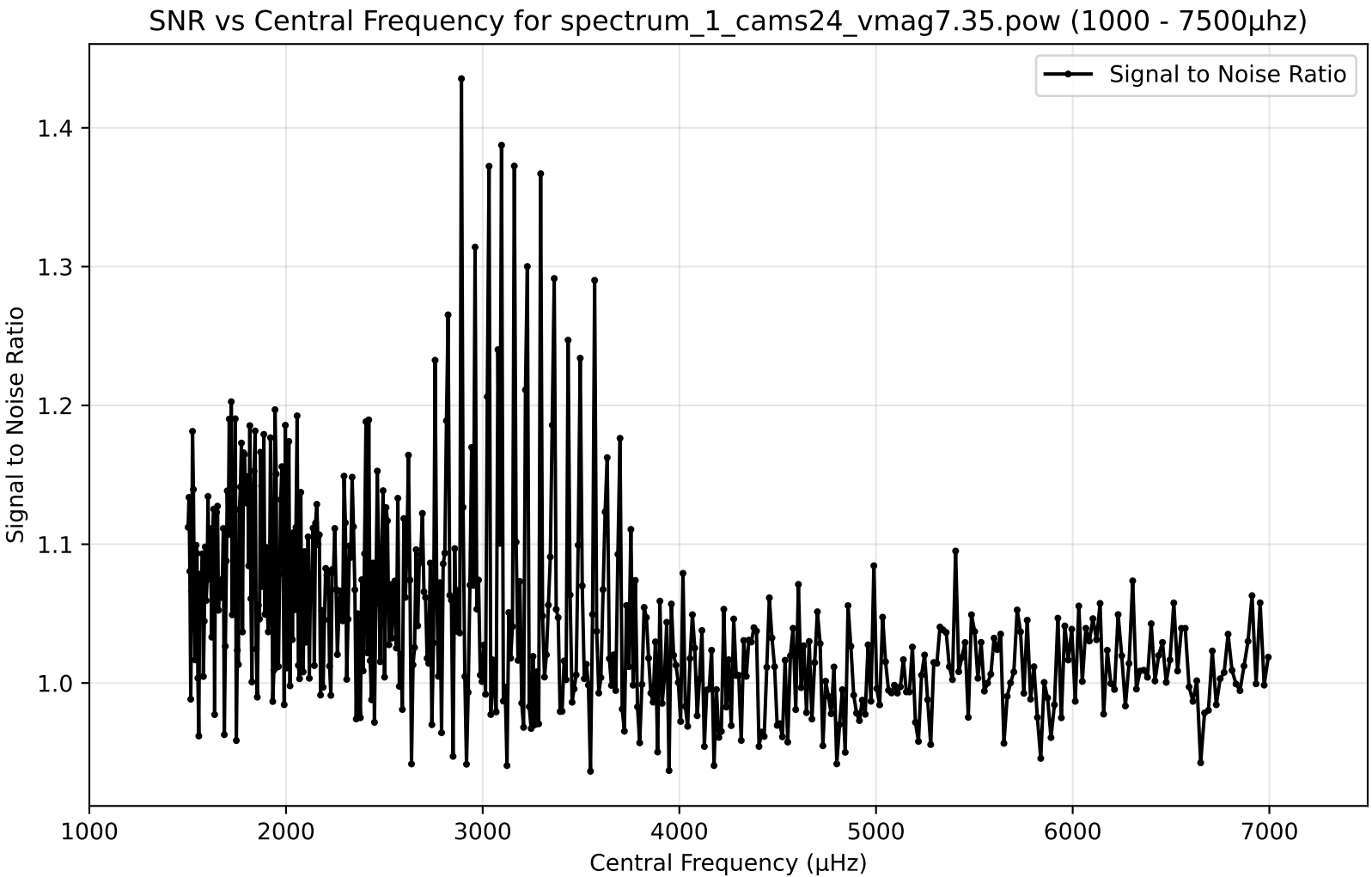

SNR variation for top n% of data for spectrum_19_cams24_vmag9.53.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

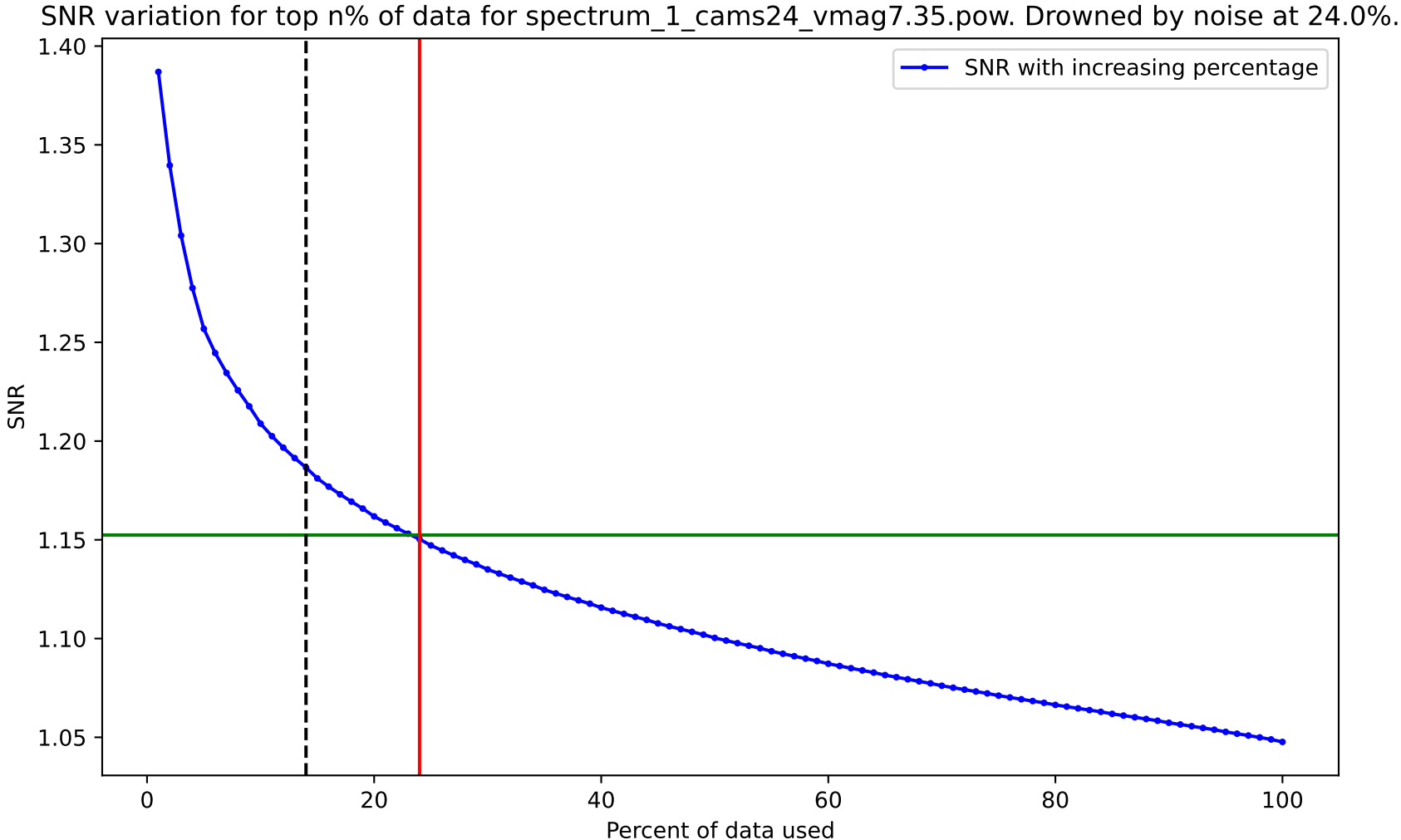

SNR vs Central Frequency for spectrum_1_cams24_vmag7.10.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

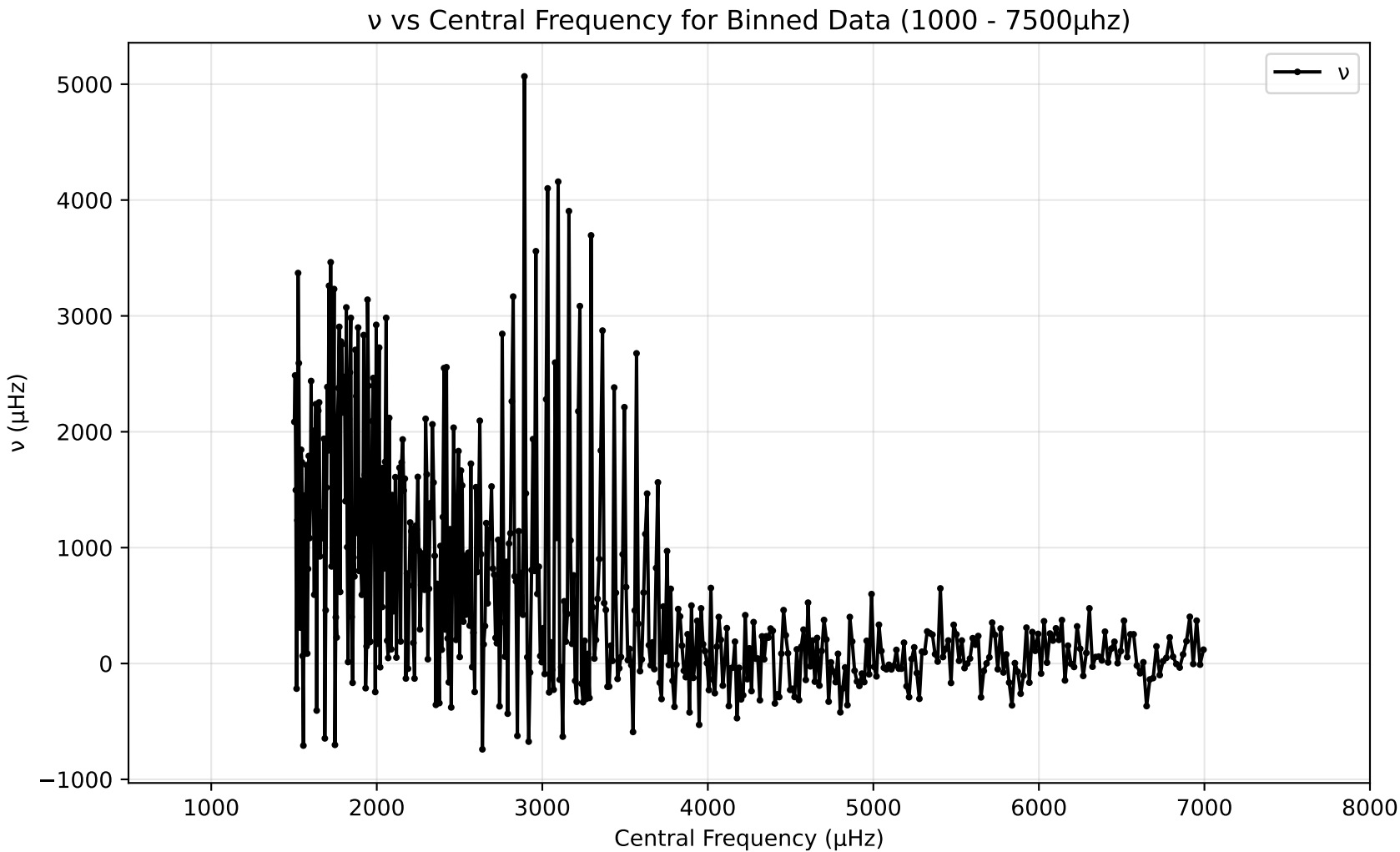

SNR variation for top n% of data for spectrum_1_cams24_vmag7.10.pow. Drowned by noise at 25.0%.
SNR with increasing percentage
SNR
1.4
1.3
1.2
1.1
0
20
40
60
80
100
Percent of data used

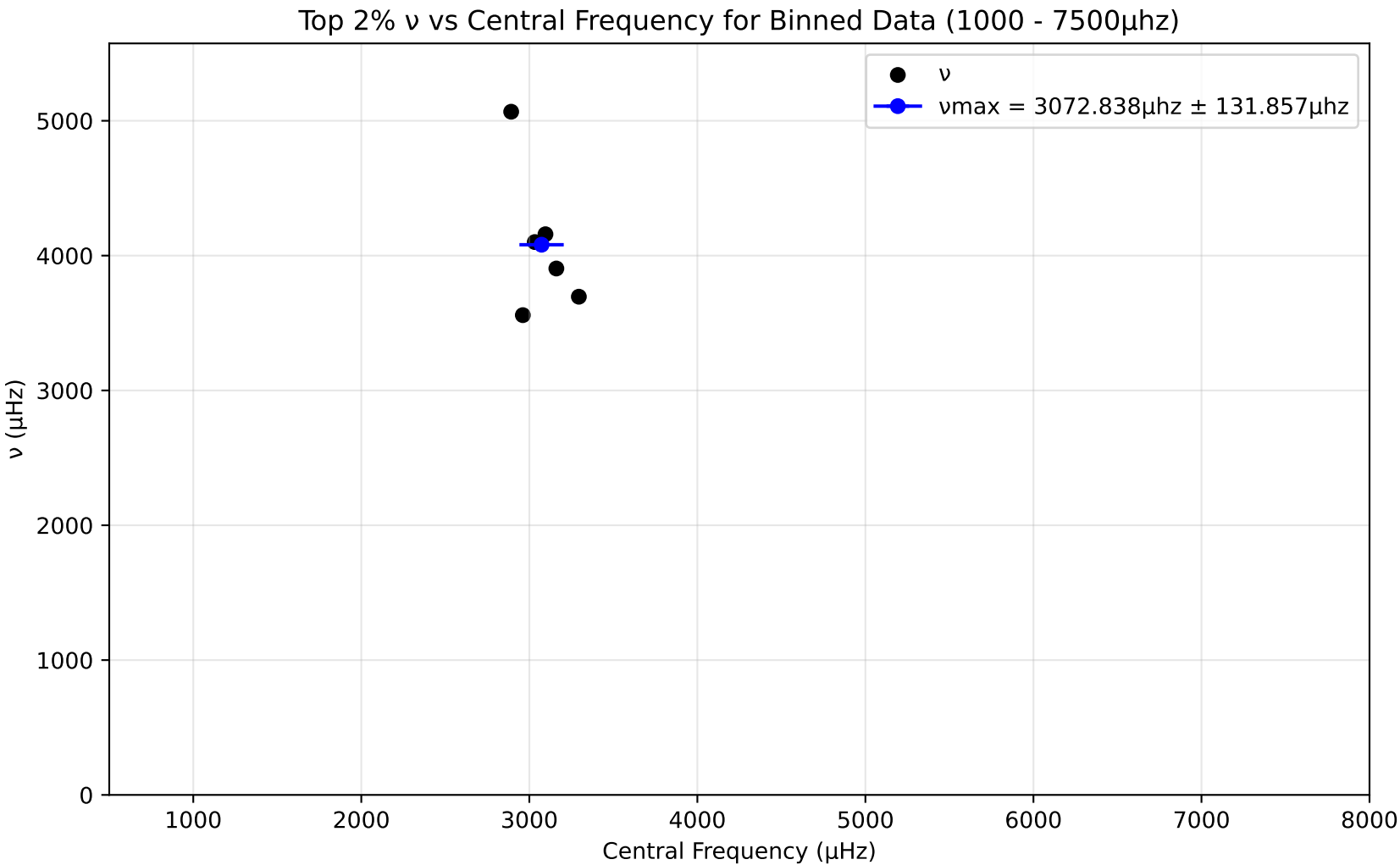

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

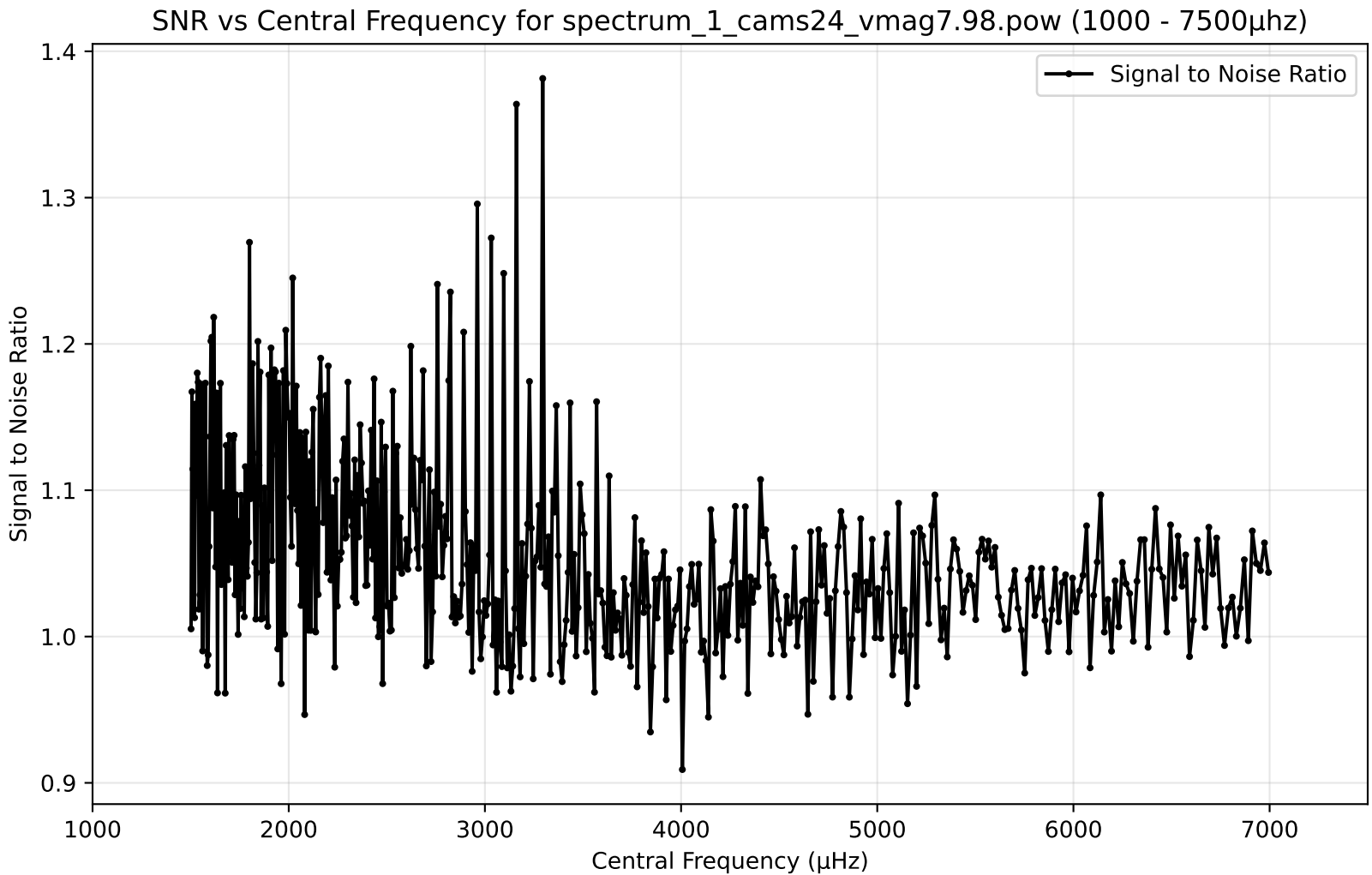

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3072.838μhz ± 131.857μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

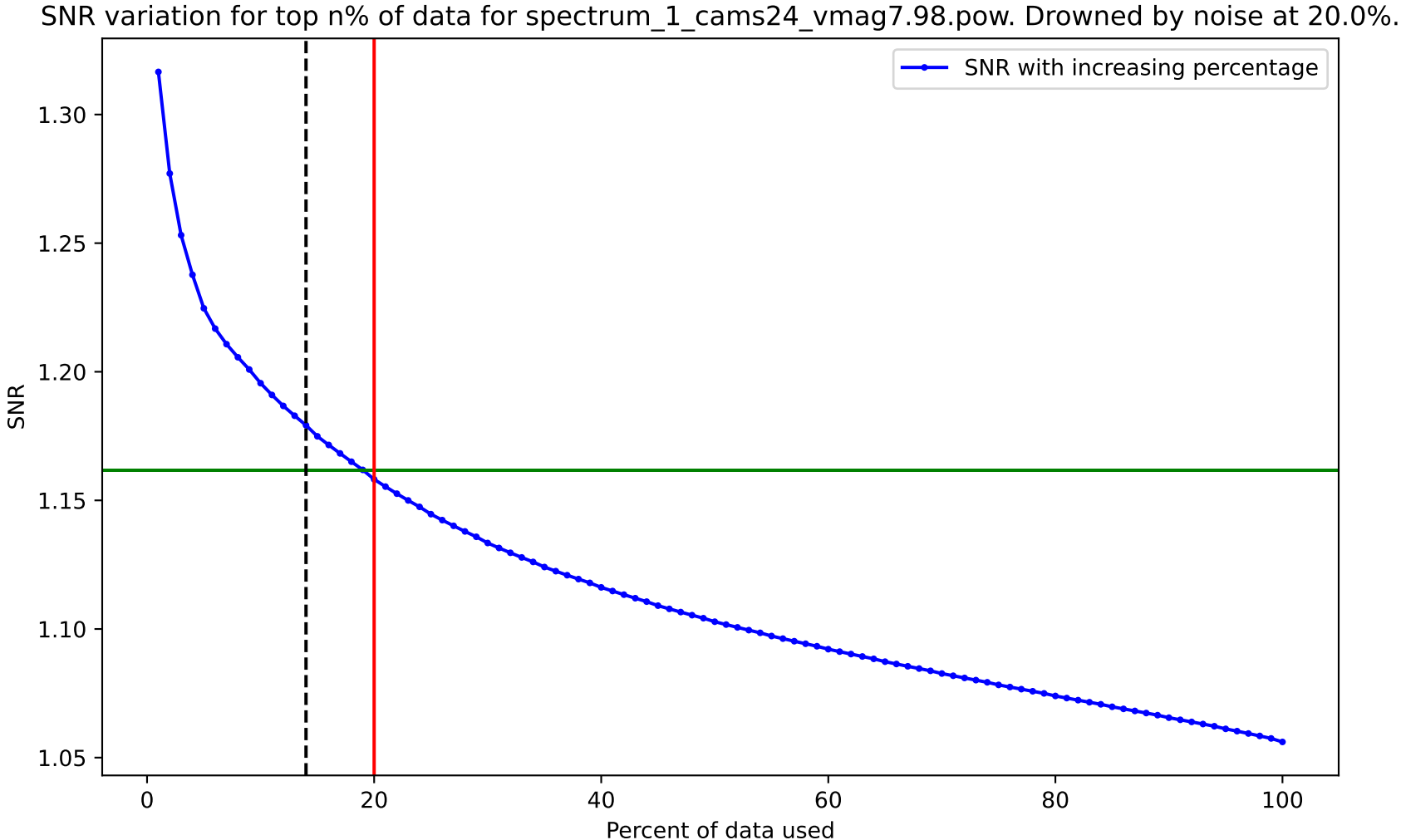

SNR vs Central Frequency for spectrum_1_cams24_vmag7.35.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.4
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

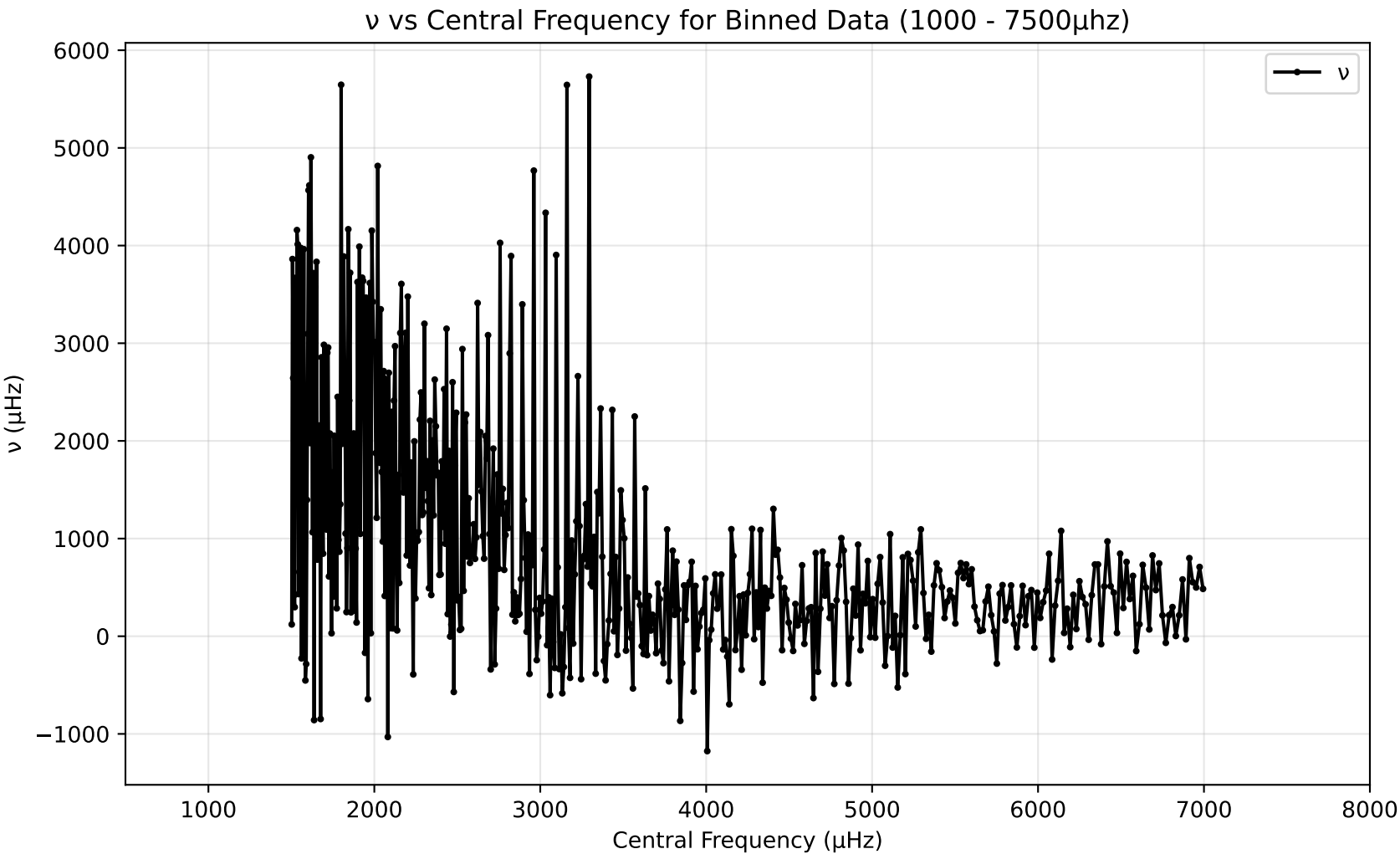

SNR variation for top n% of data for spectrum_1_cams24_vmag7.35.pow. Drowned by noise at 24.0%.
SNR with increasing percentage
SNR
1.40
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

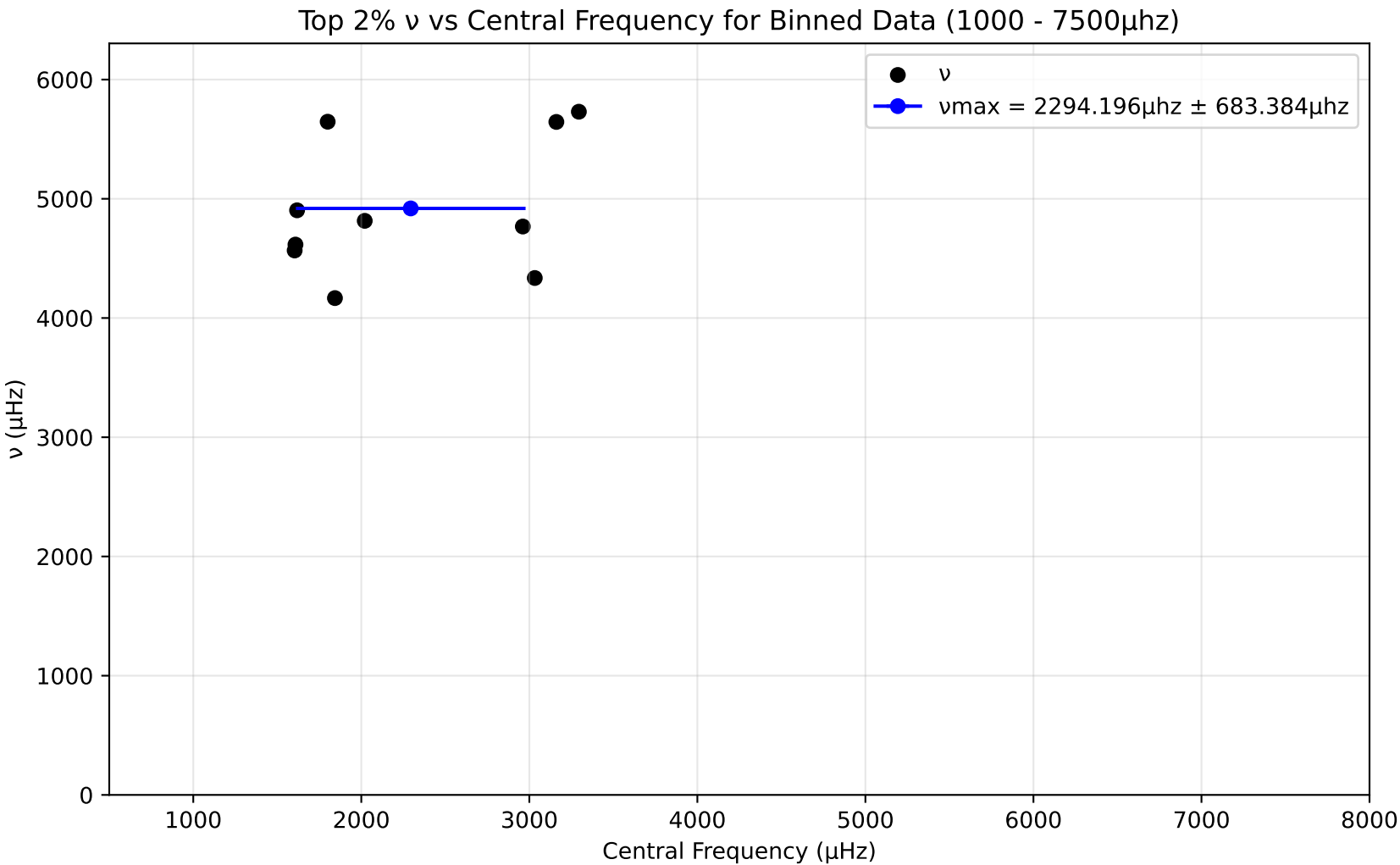

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

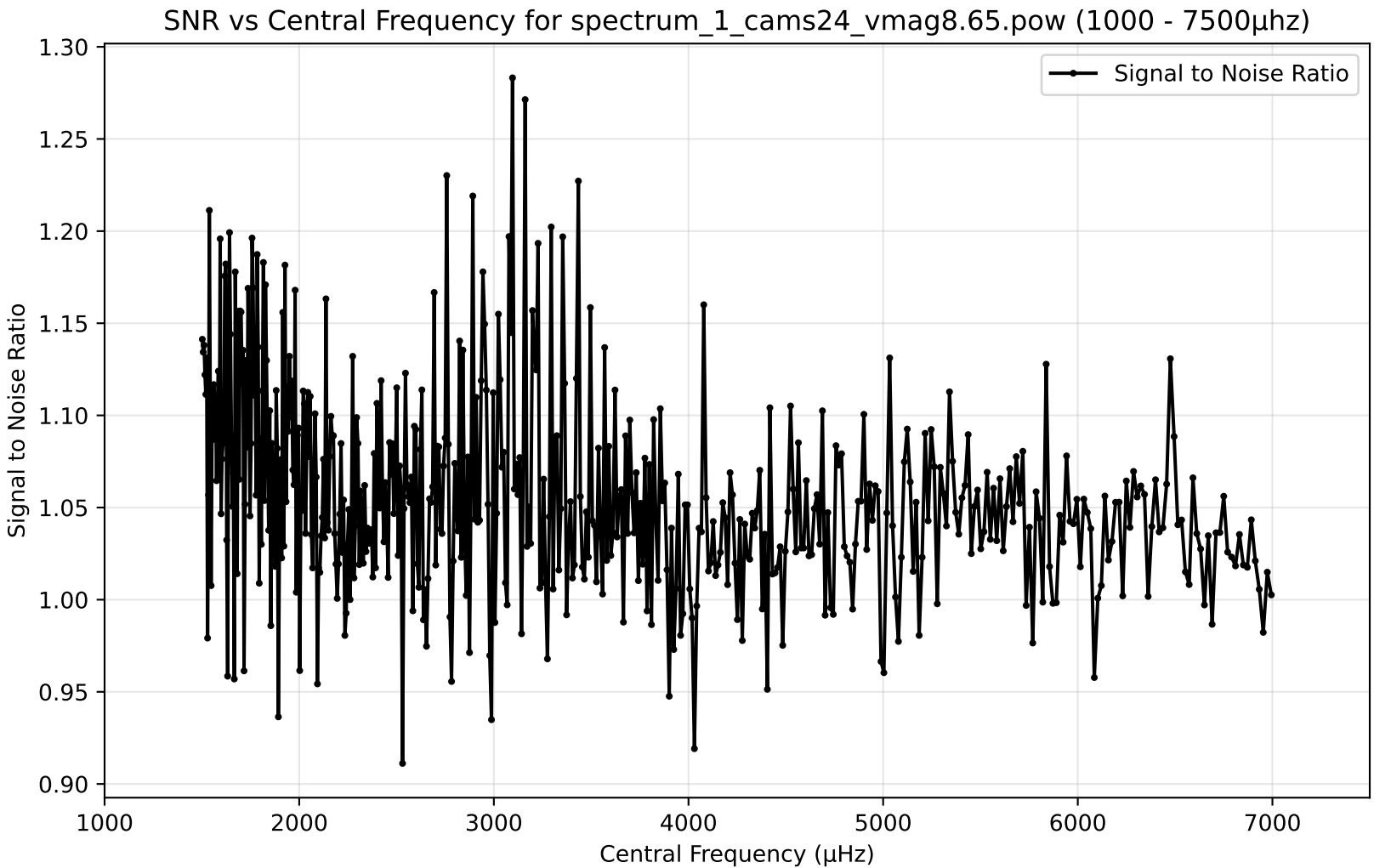

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3072.838μhz ± 131.857μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

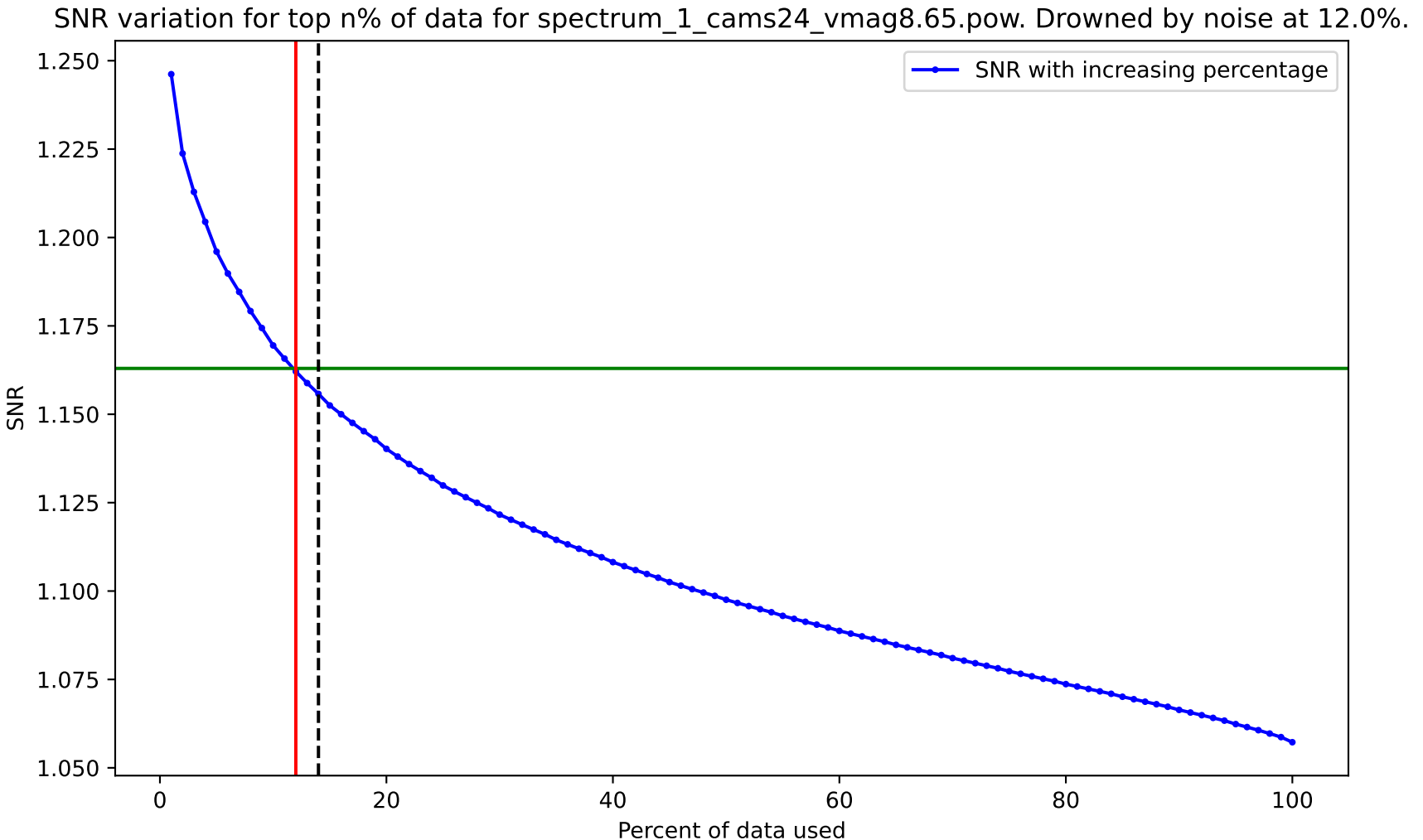

SNR vs Central Frequency for spectrum_1_cams24_vmag7.98.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

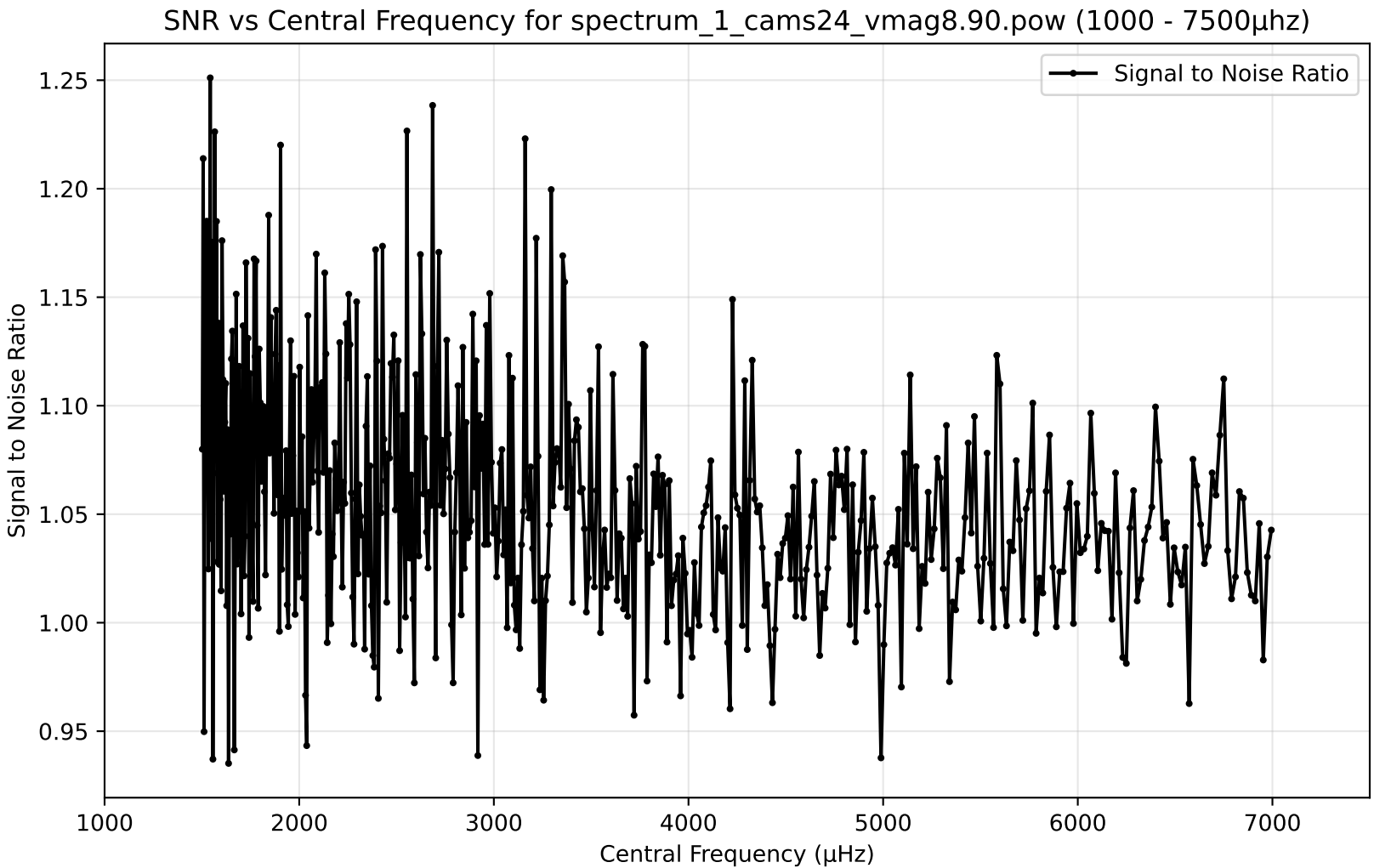

SNR variation for top n% of data for spectrum_1_cams24_vmag7.98.pow. Drowned by noise at 20.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

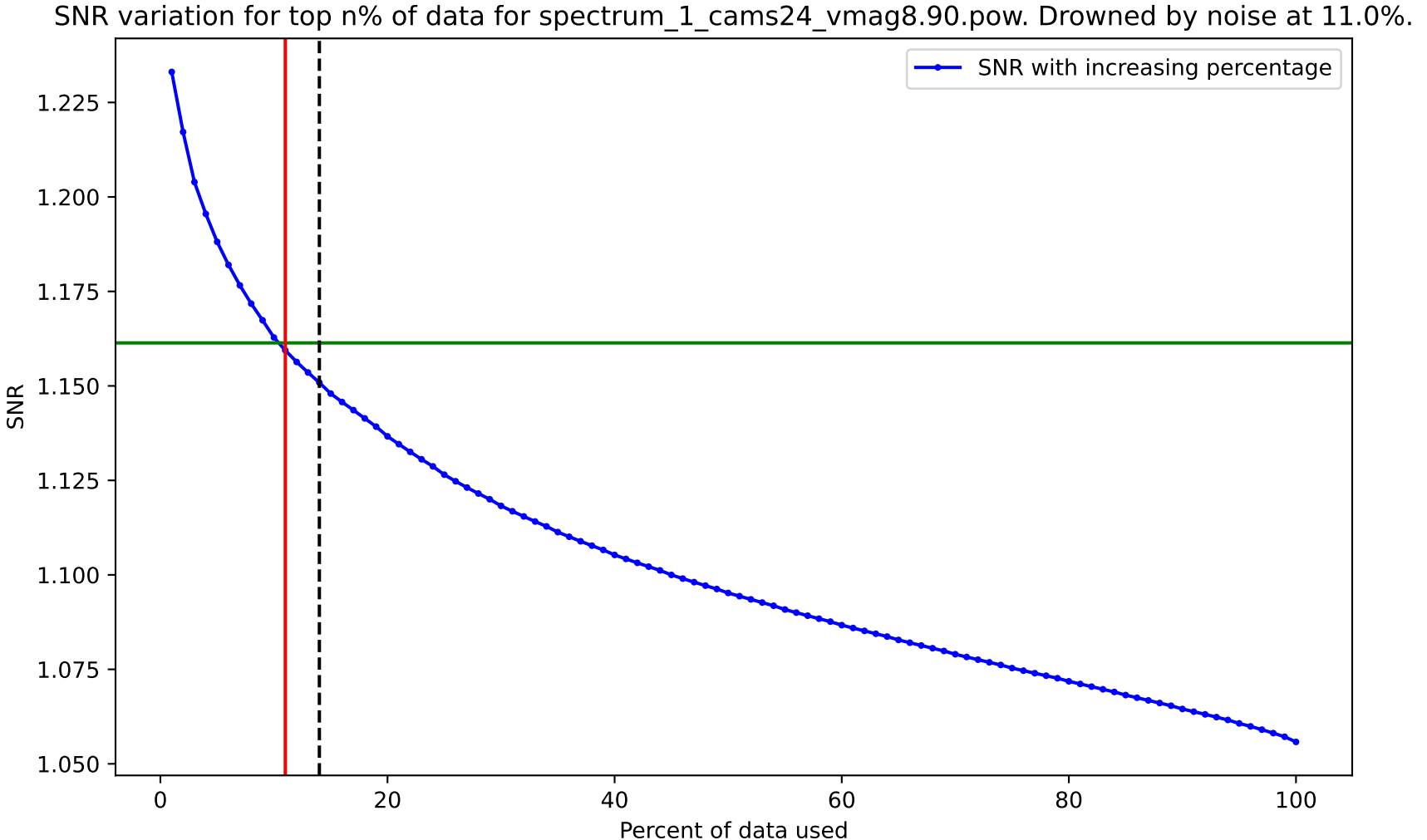

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
6000
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

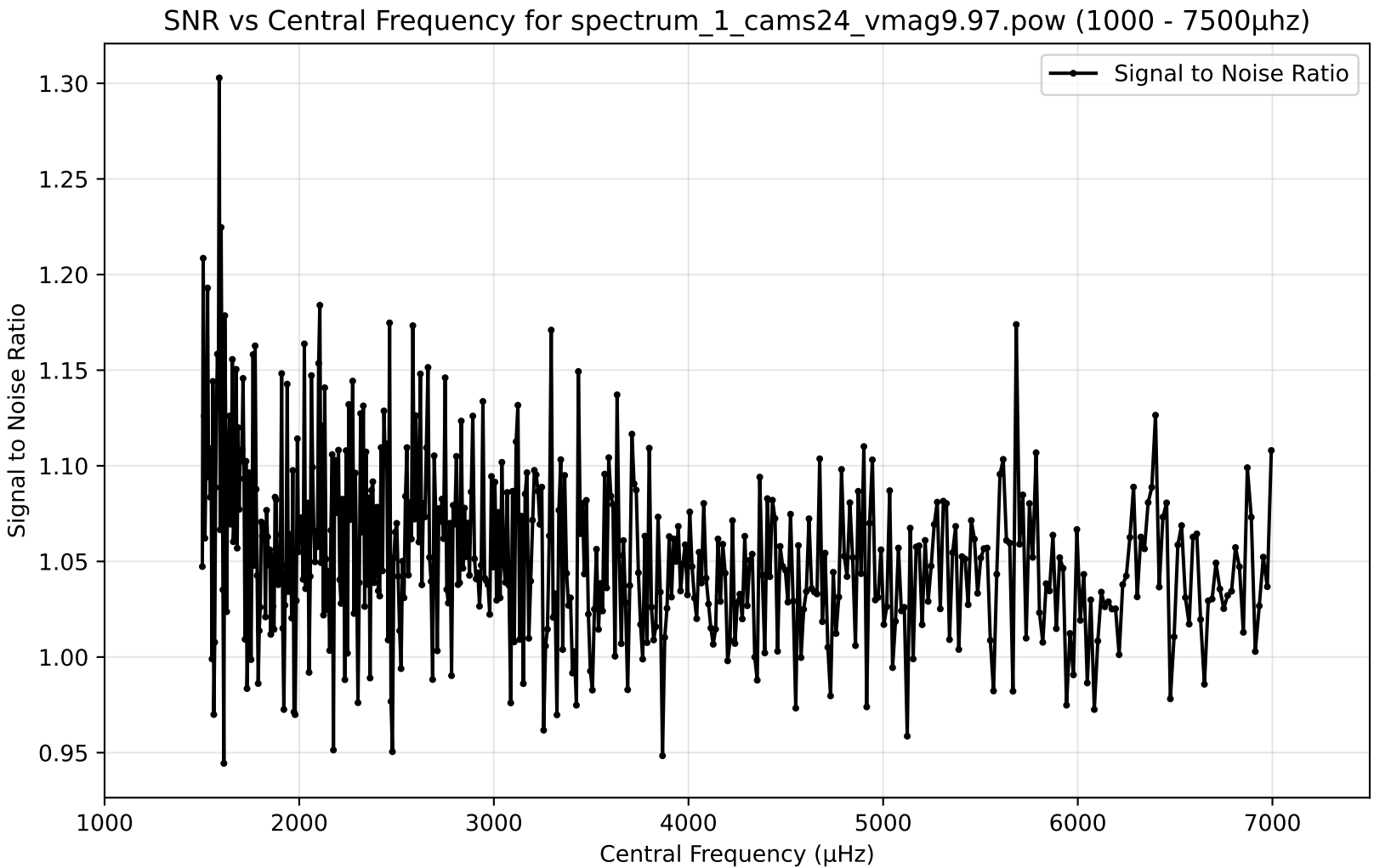

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2294.196μhz ± 683.384μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

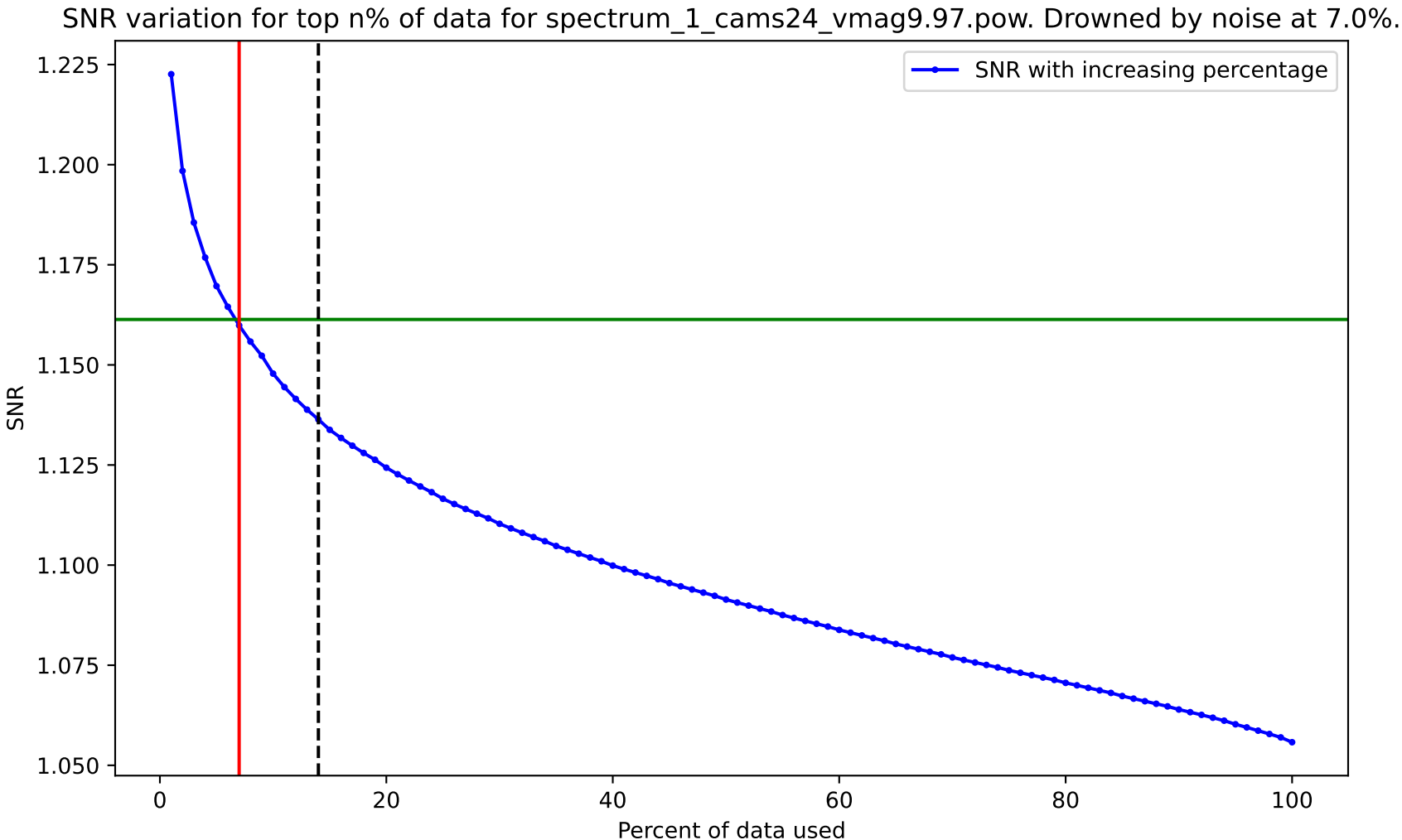

SNR vs Central Frequency for spectrum_1_cams24_vmag8.65.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

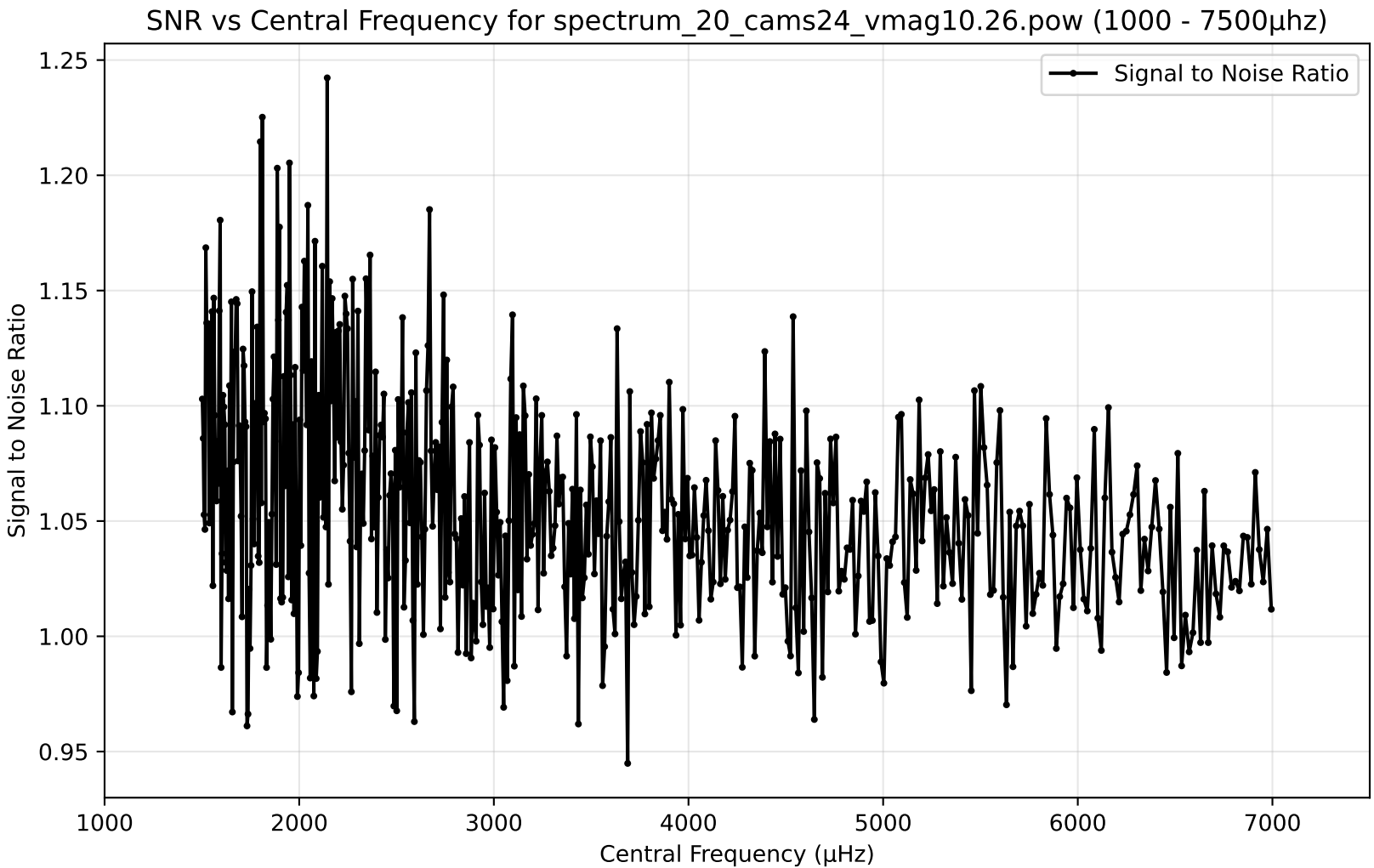

SNR variation for top n% of data for spectrum_1_cams24_vmag8.65.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

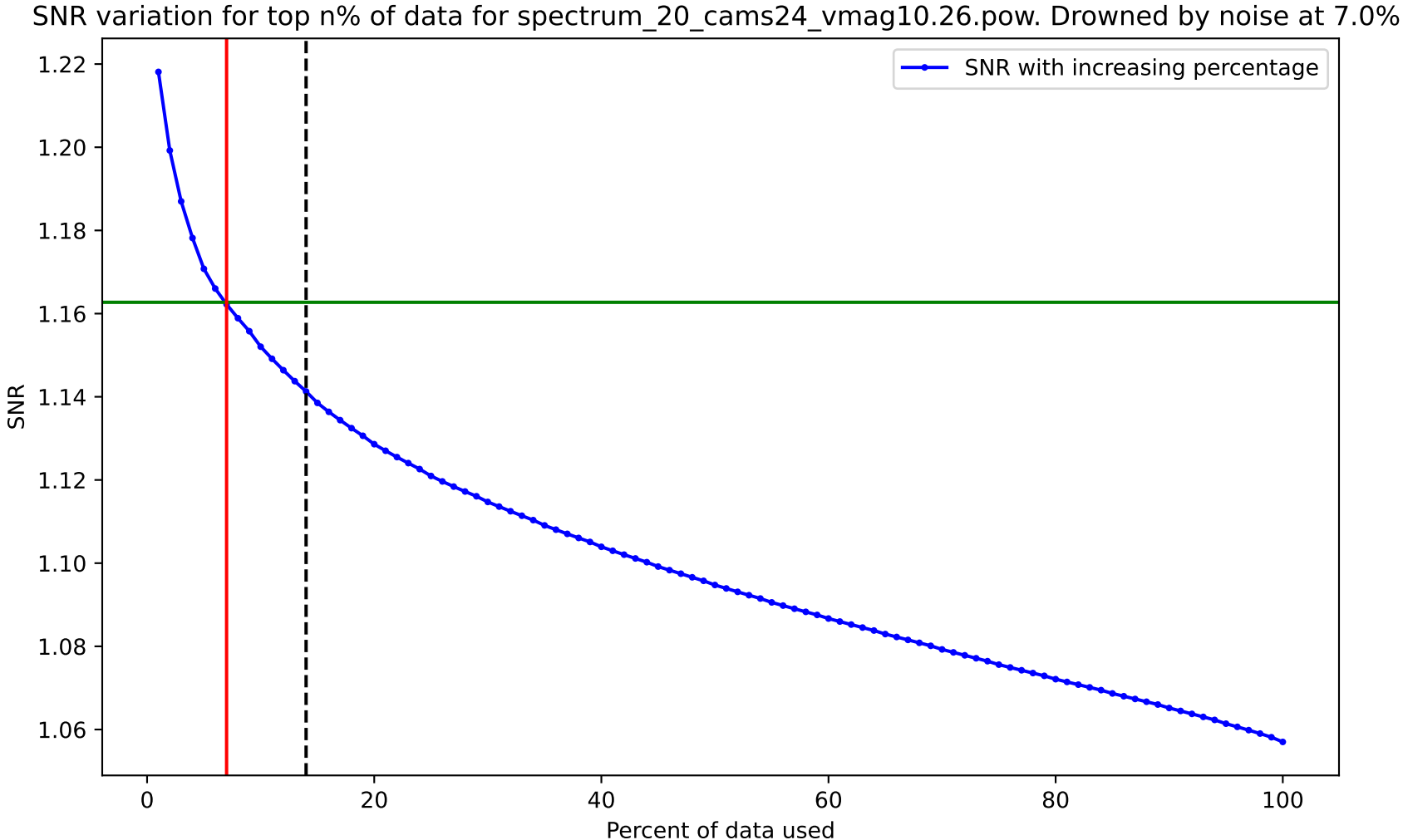

SNR vs Central Frequency for spectrum_1_cams24_vmag8.90.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

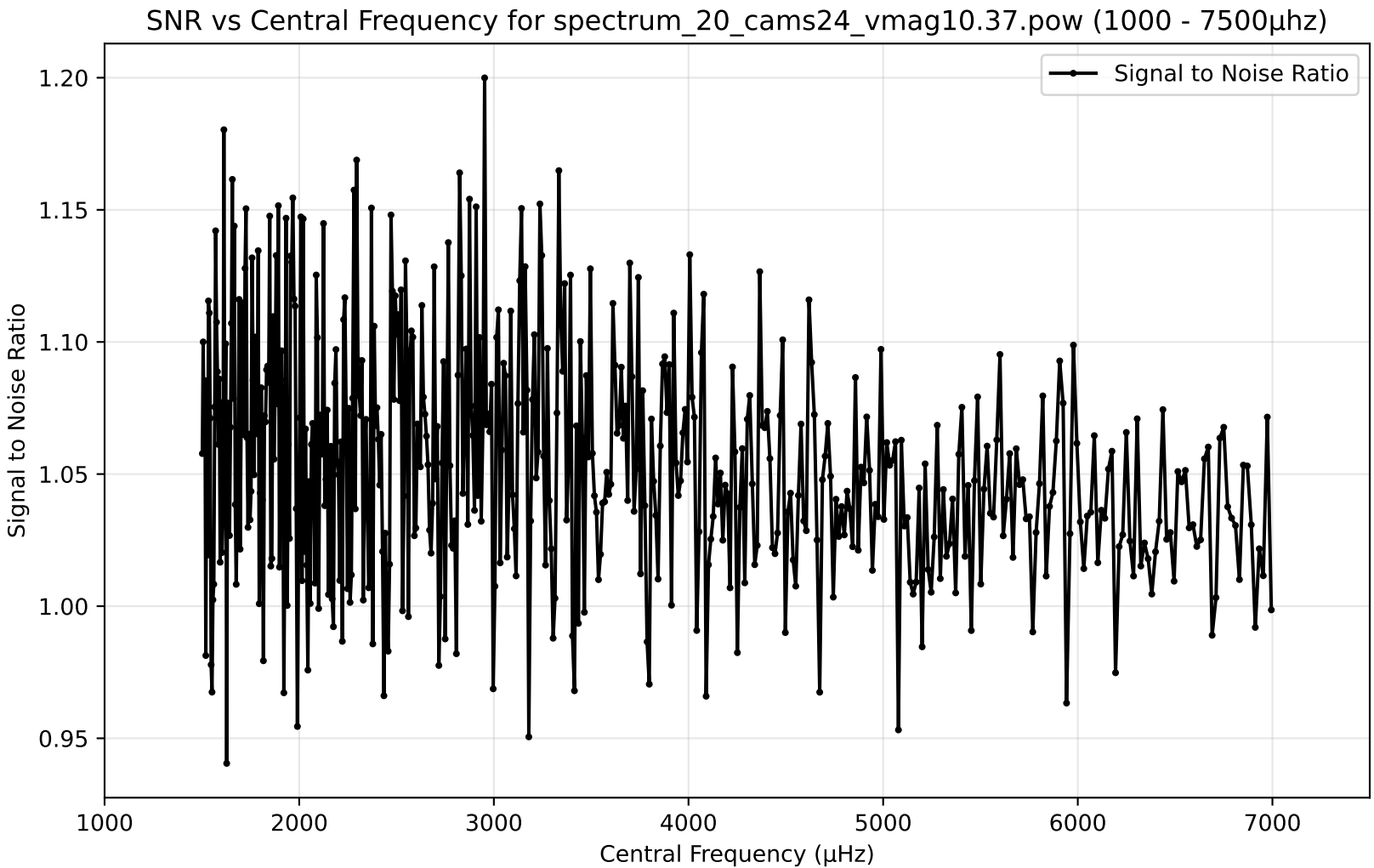

SNR variation for top n% of data for spectrum_1_cams24_vmag8.90.pow. Drowned by noise at 11.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

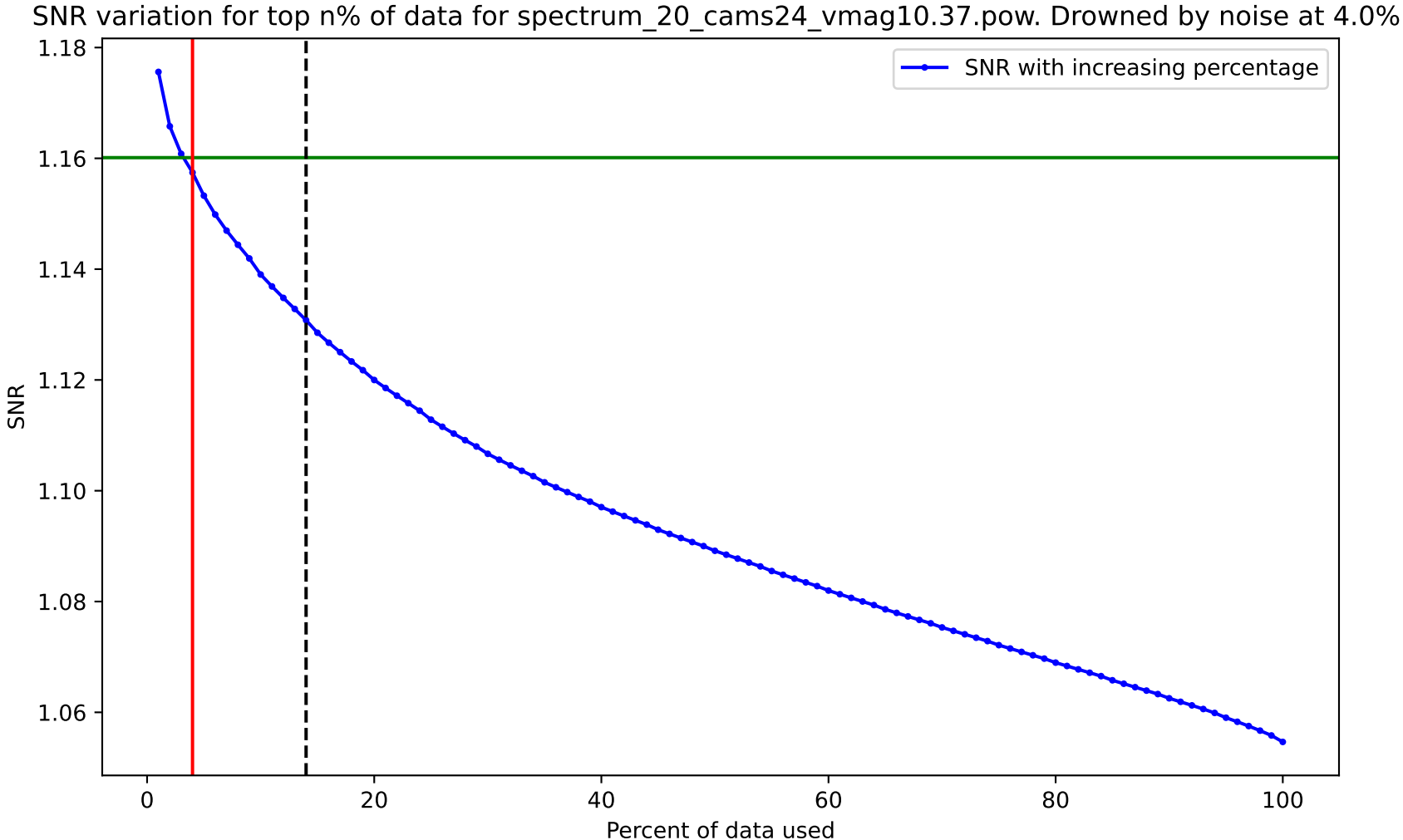

SNR vs Central Frequency for spectrum_1_cams24_vmag9.97.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

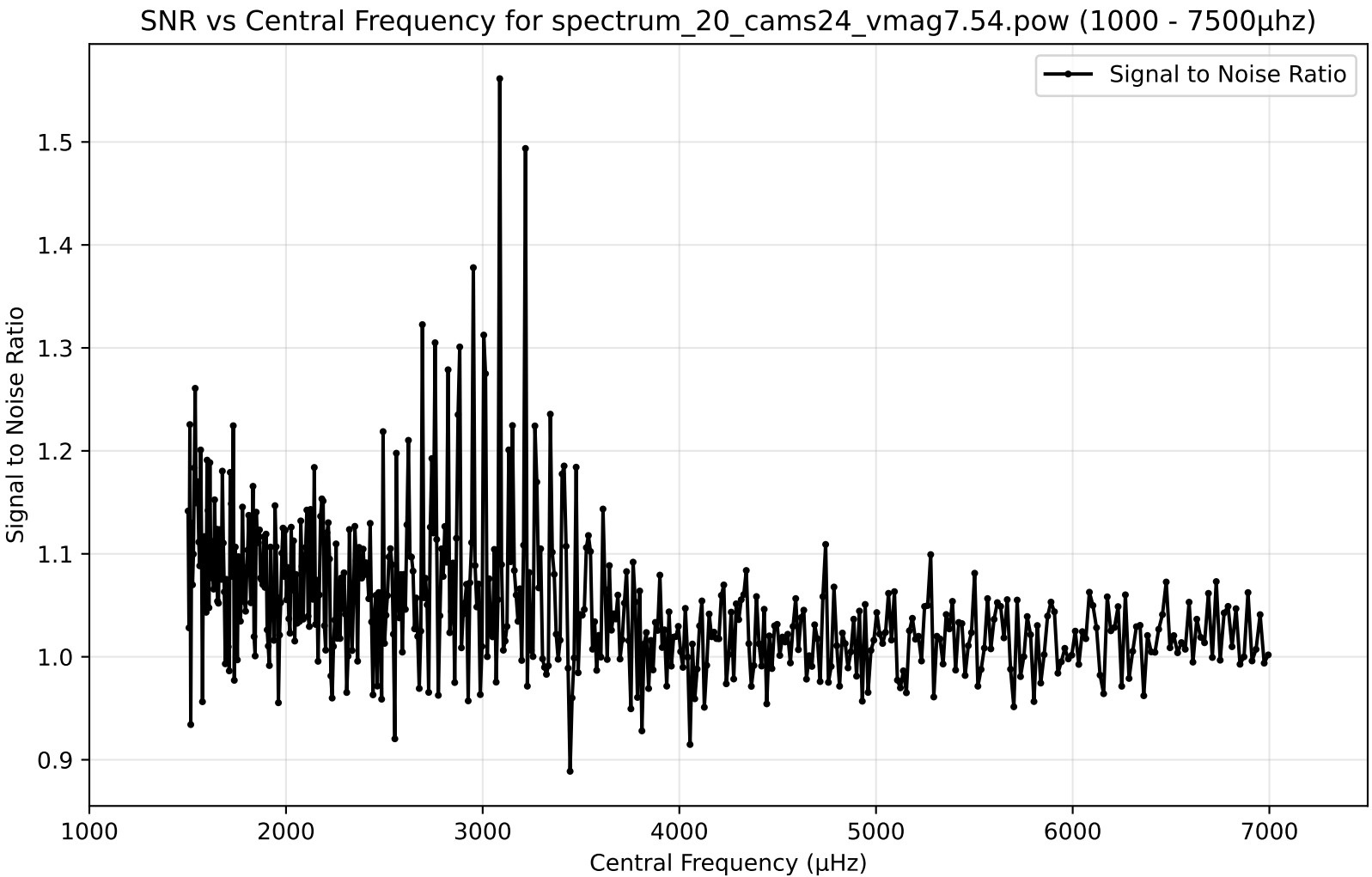

SNR variation for top n% of data for spectrum_1_cams24_vmag9.97.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

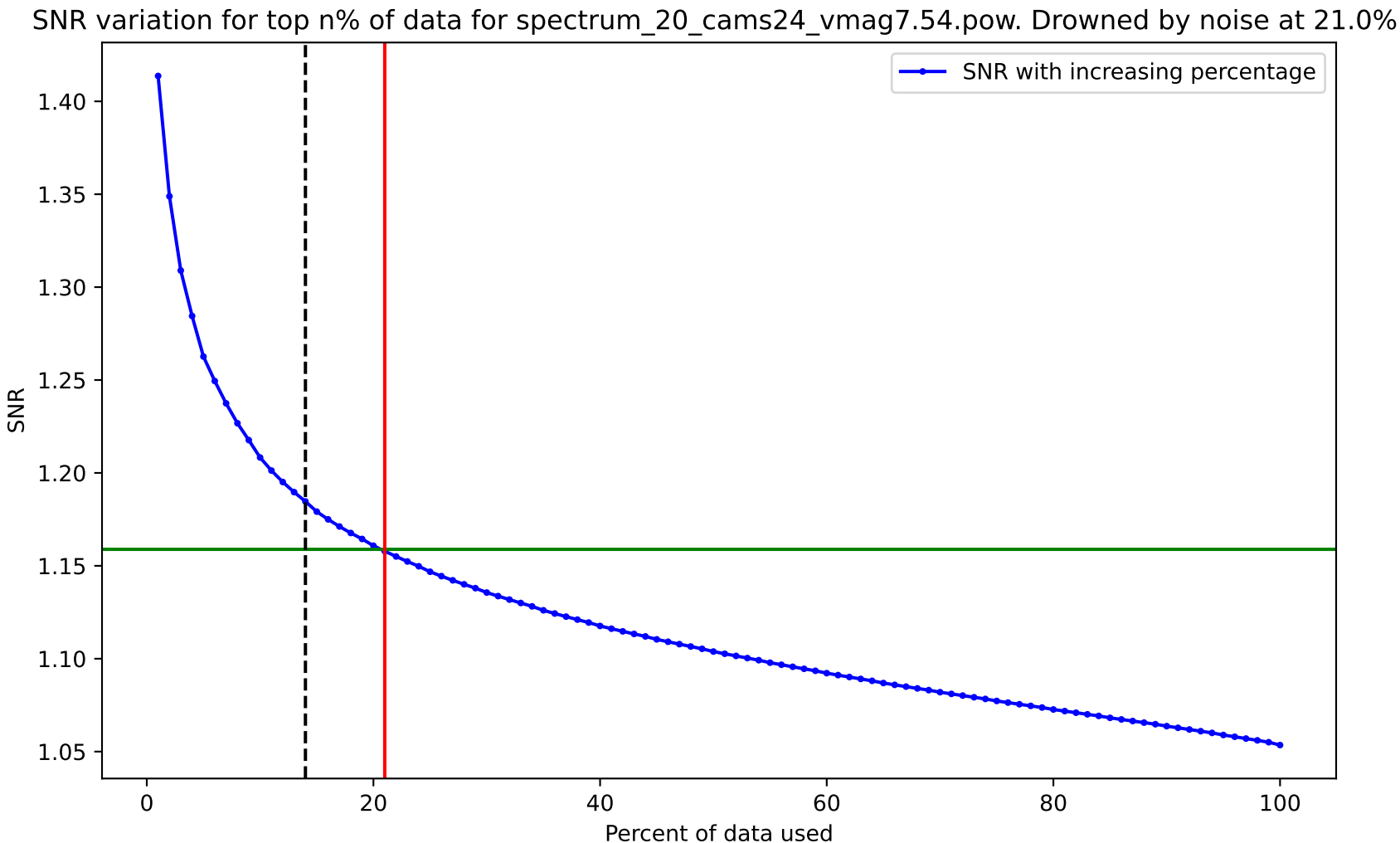

SNR vs Central Frequency for spectrum_20_cams24_vmag10.26.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

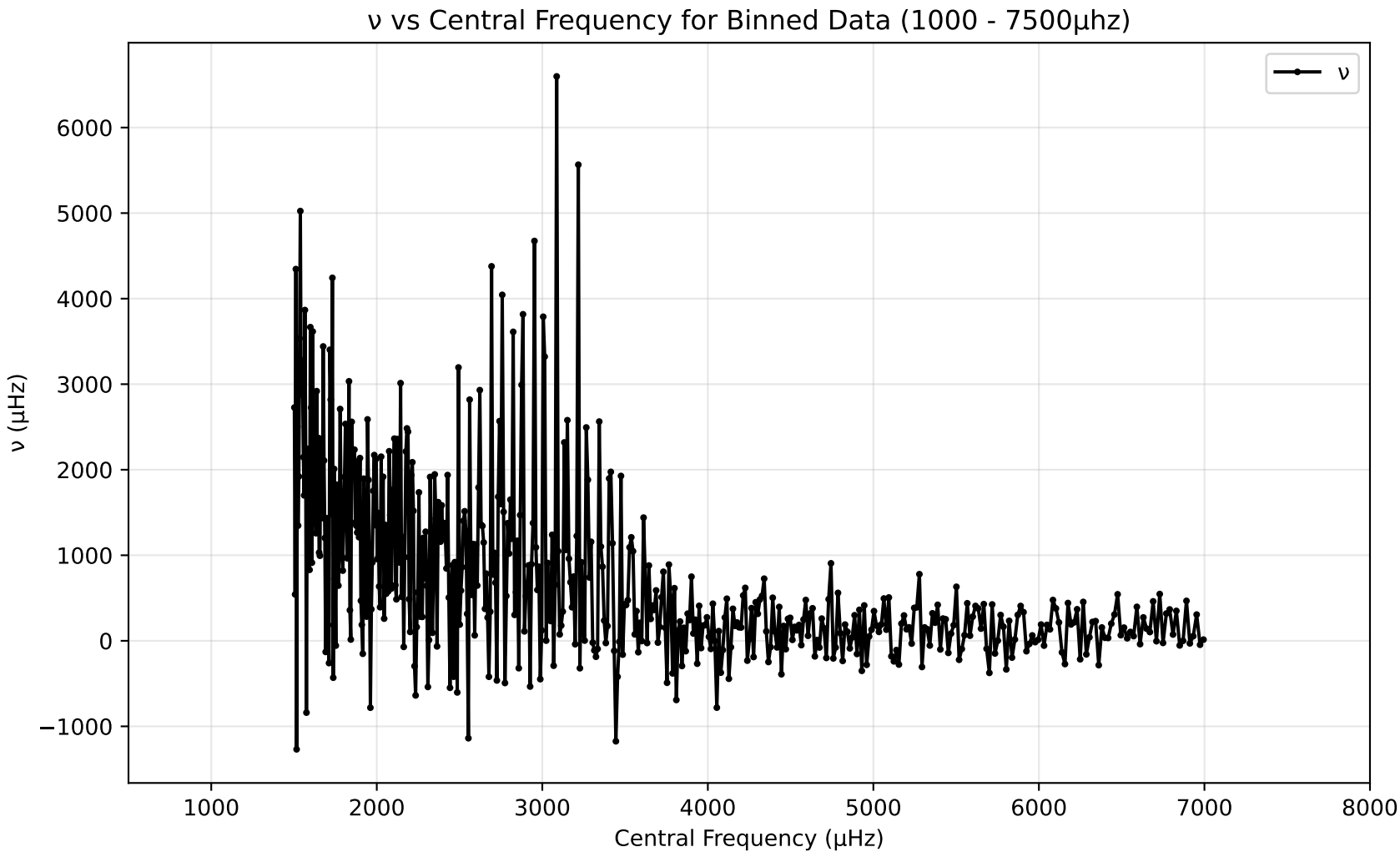

SNR variation for top n% of data for spectrum_20_cams24_vmag10.26.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

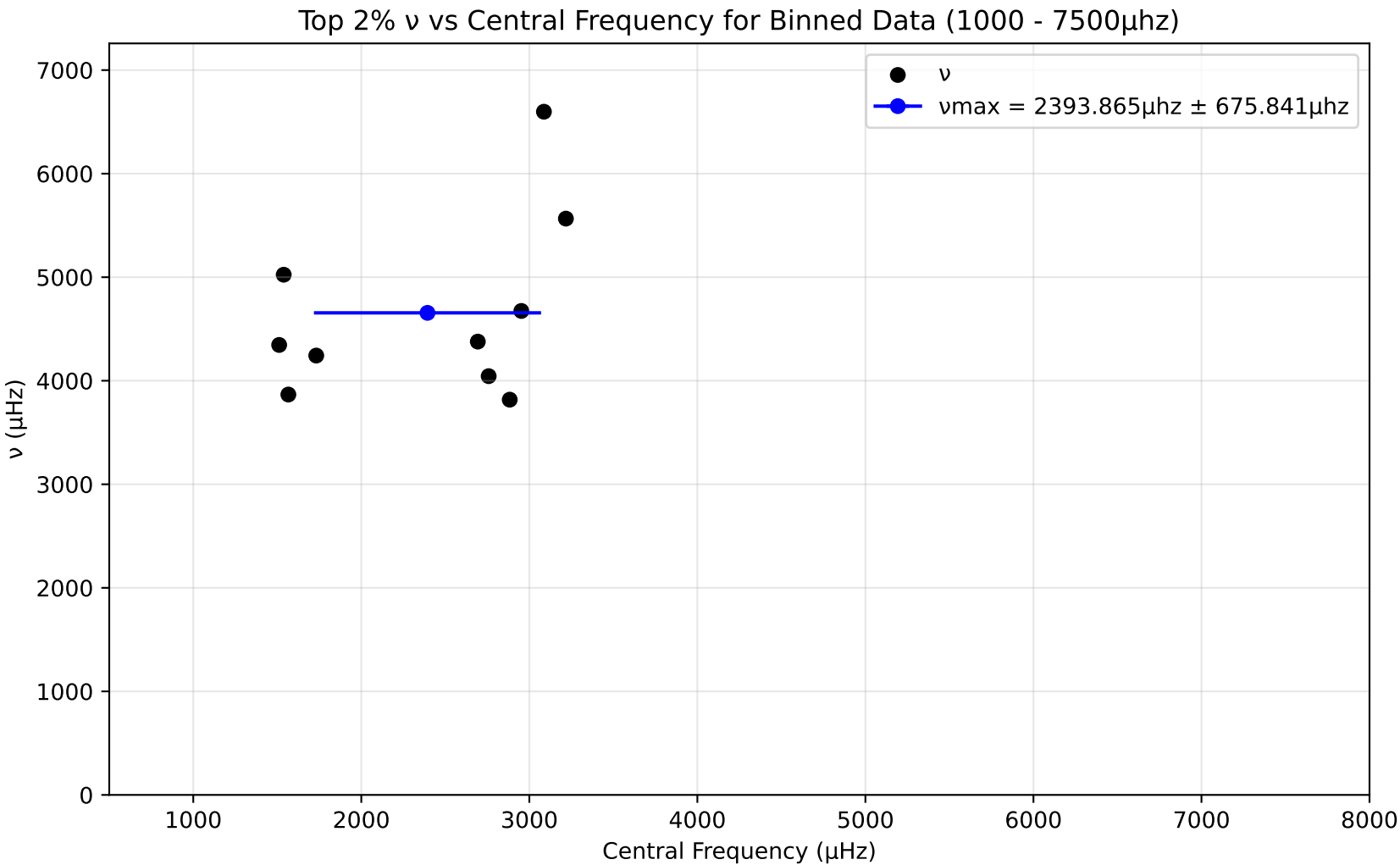

SNR vs Central Frequency for spectrum_20_cams24_vmag10.37.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

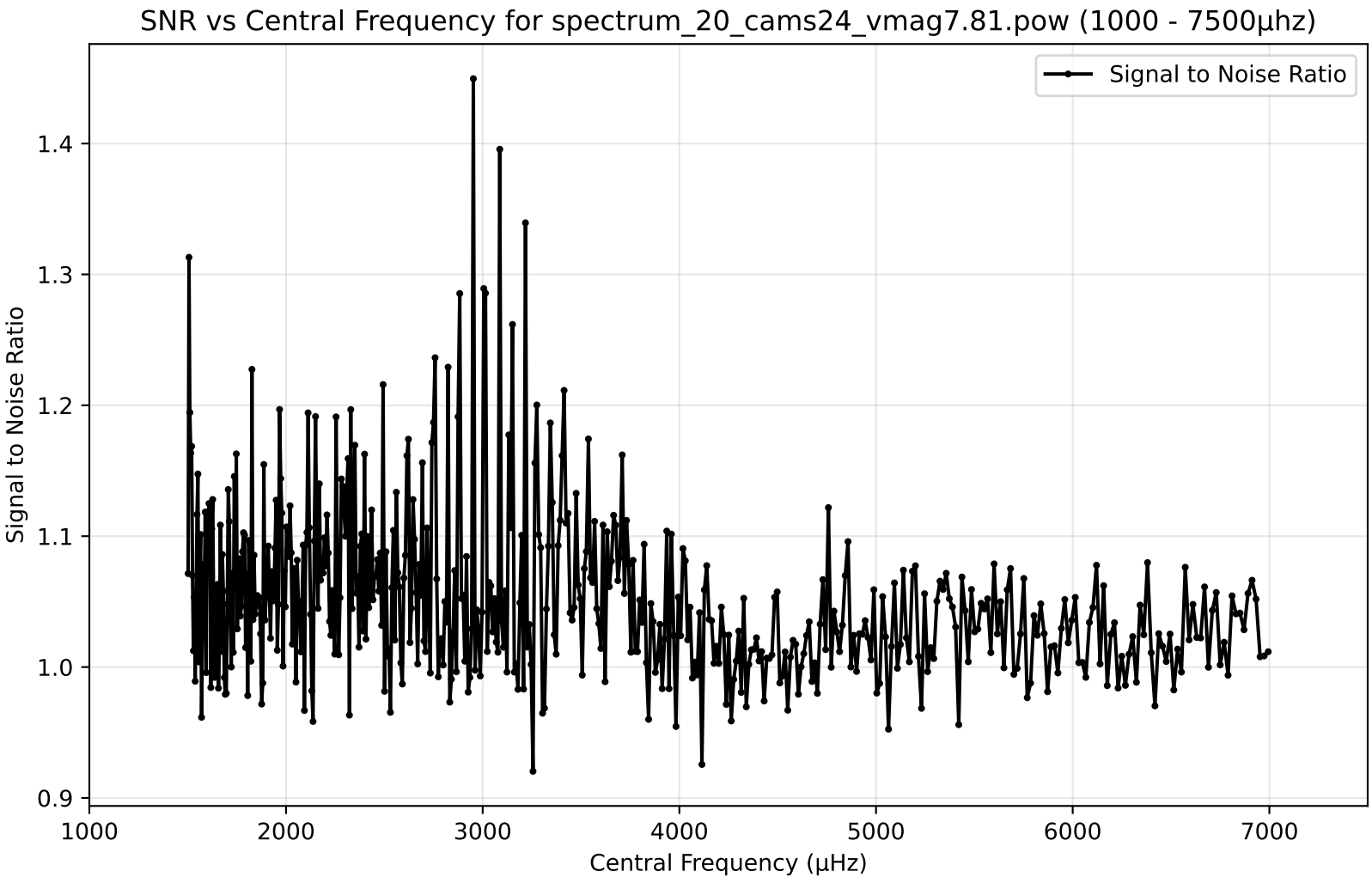

SNR variation for top n% of data for spectrum_20_cams24_vmag10.37.pow. Drowned by noise at 4.0%.
SNR with increasing percentage
SNR
Percent of data used
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100

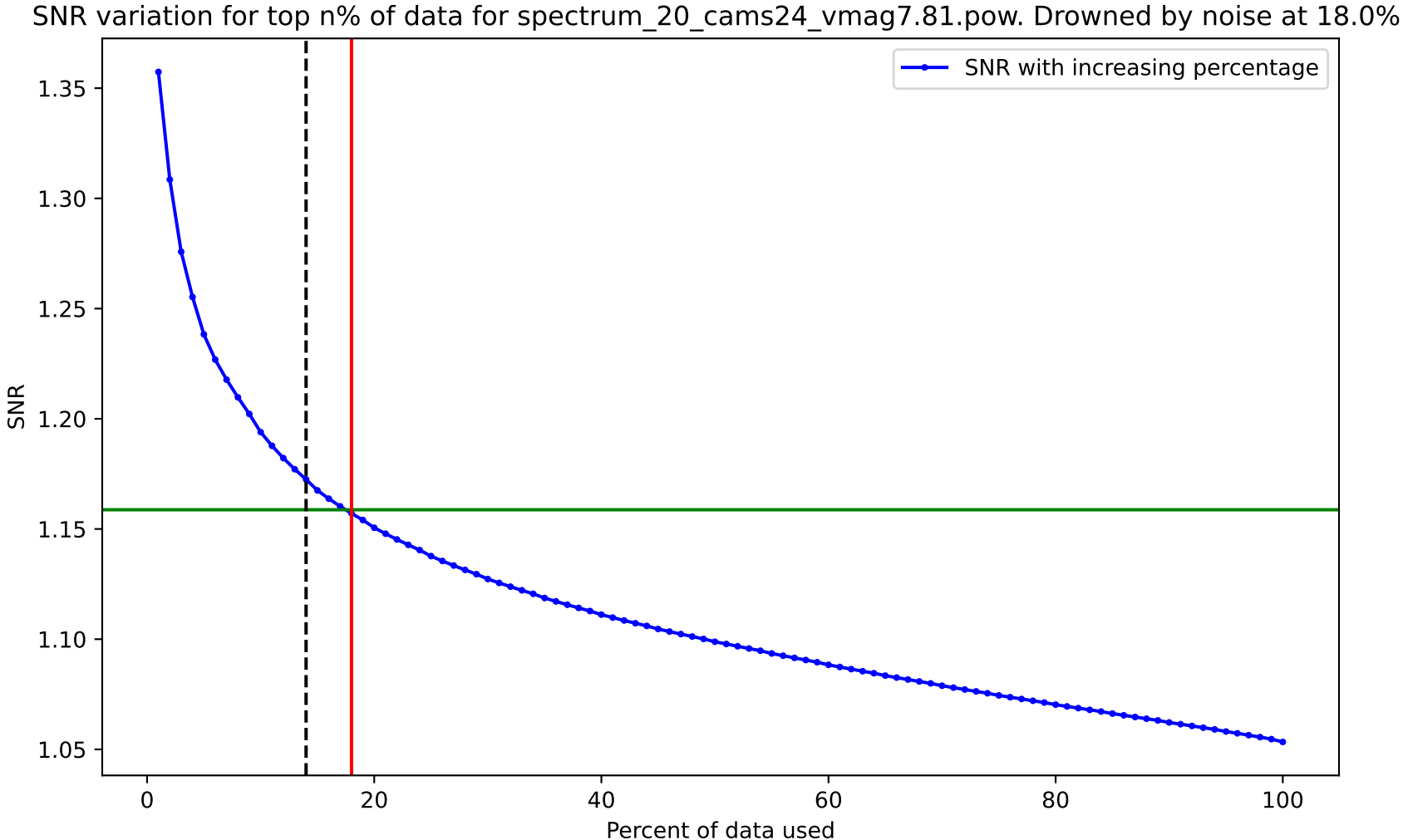

SNR vs Central Frequency for spectrum_20_cams24_vmag7.54.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

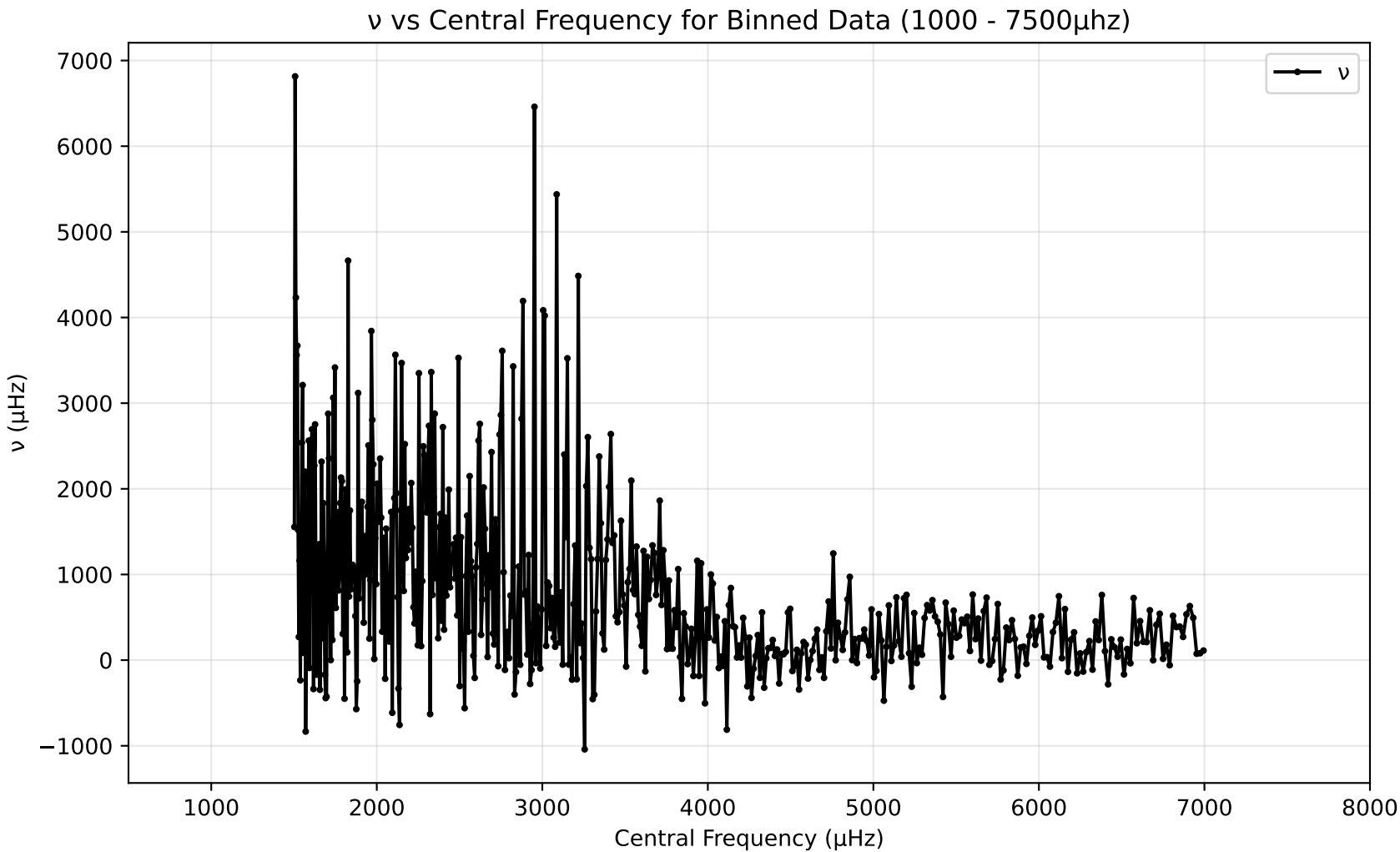

SNR variation for top n% of data for spectrum_20_cams24_vmag7.54.pow. Drowned by noise at 21.0%.
SNR with increasing percentage
SNR
1.40
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

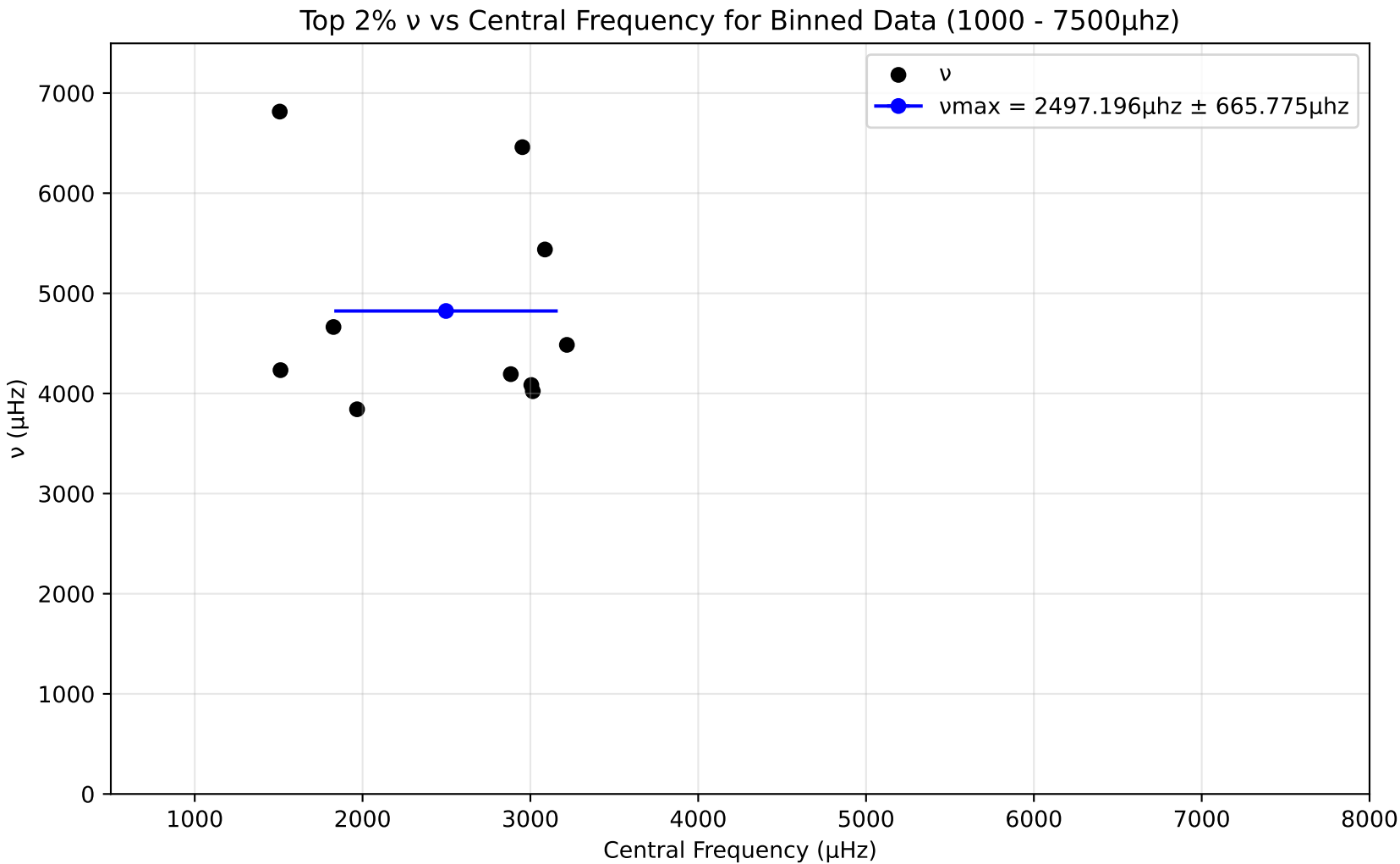

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
6000
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

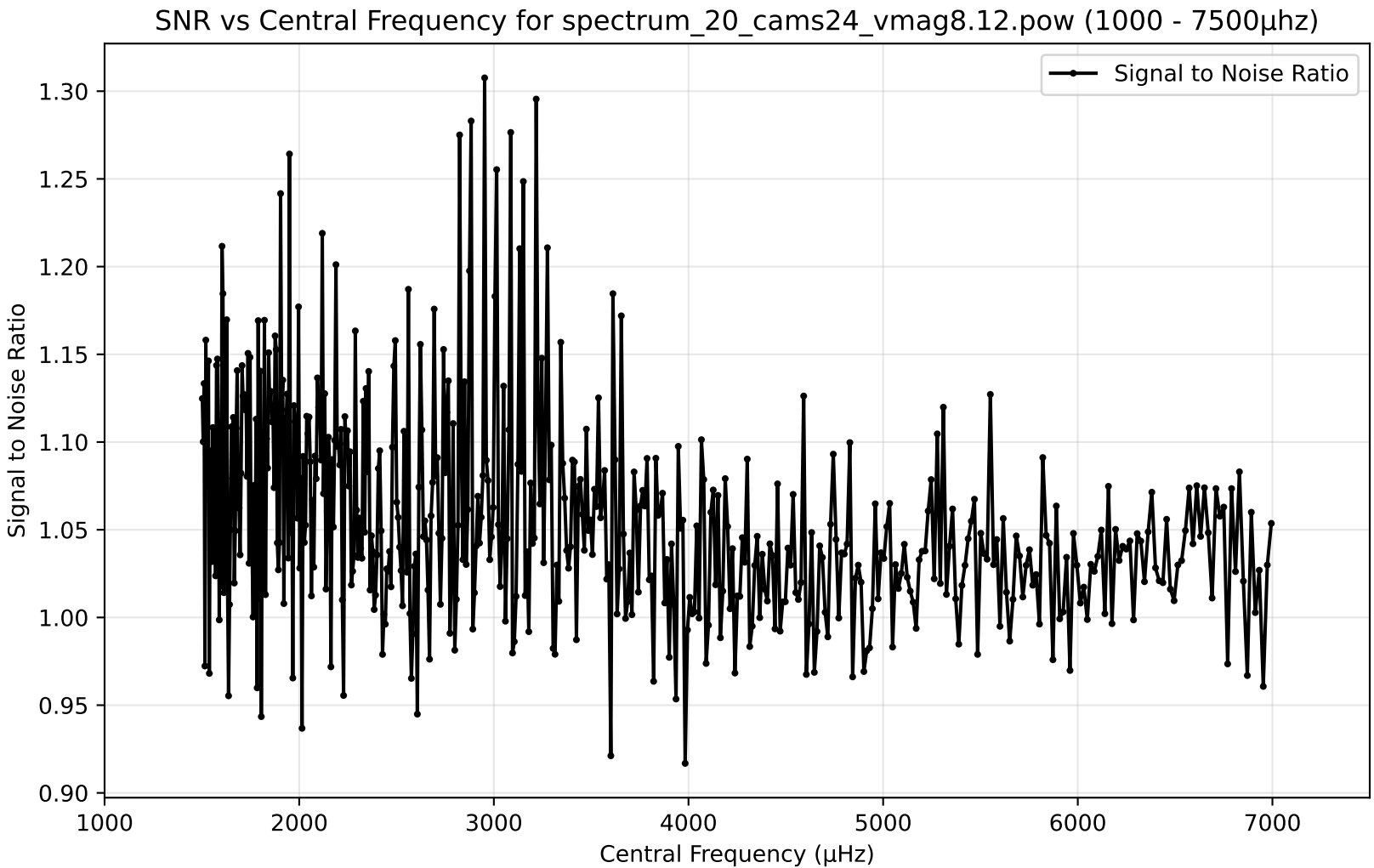

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2393.865μhz ± 675.841μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

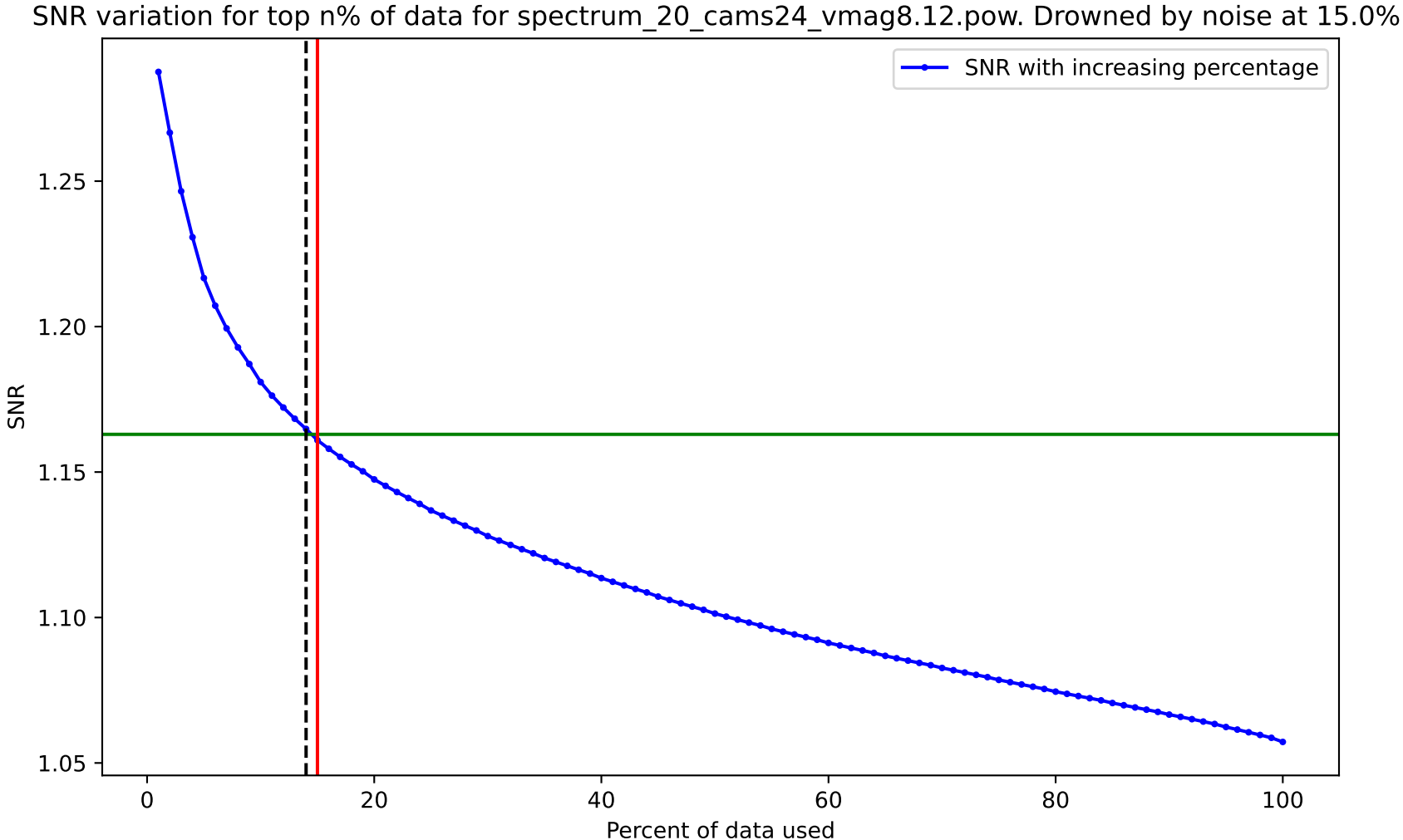

SNR vs Central Frequency for spectrum_20_cams24_vmag7.81.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

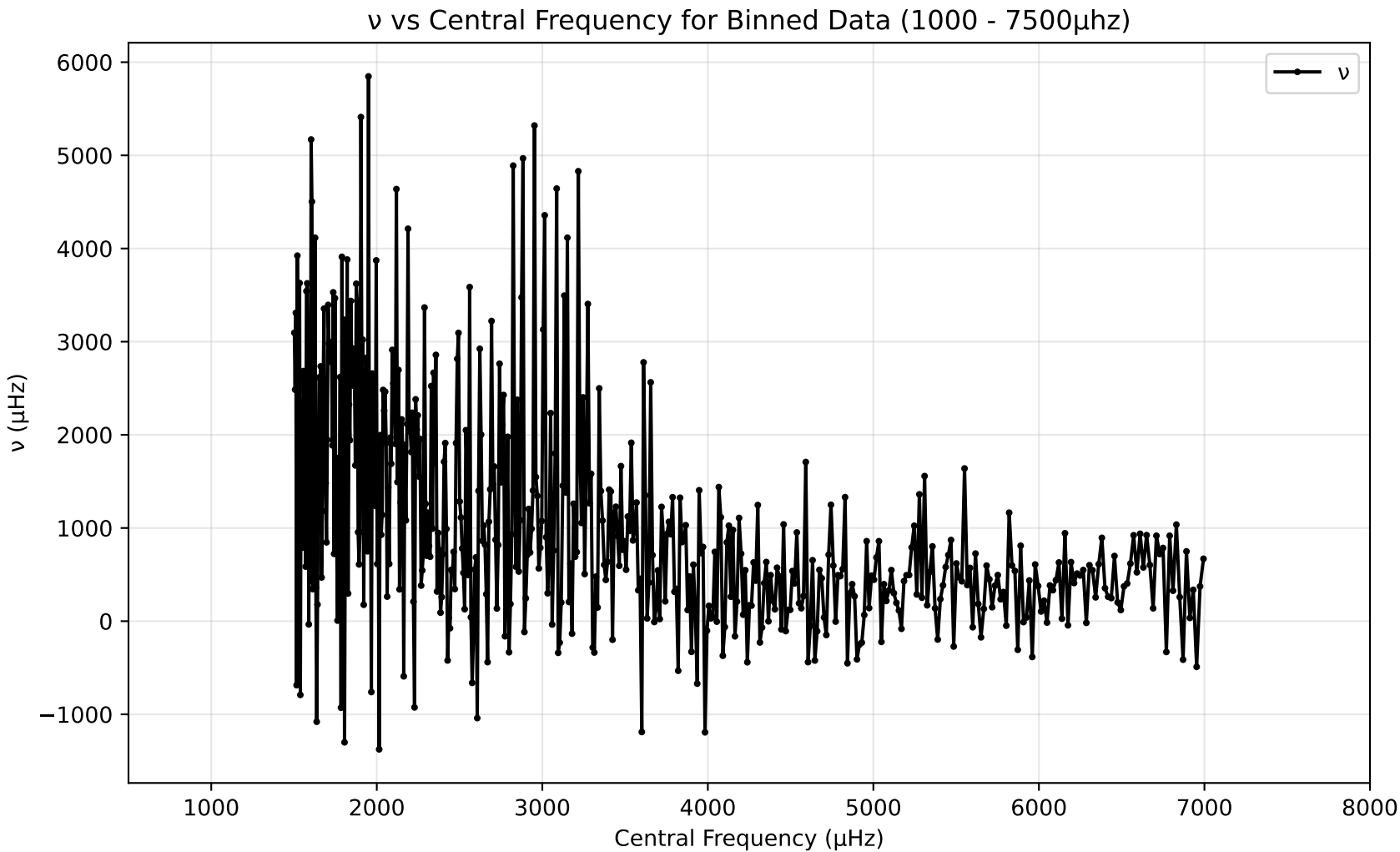

SNR variation for top n% of data for spectrum_20_cams24_vmag7.81.pow. Drowned by noise at 18.0%.
SNR with increasing percentage
SNR
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

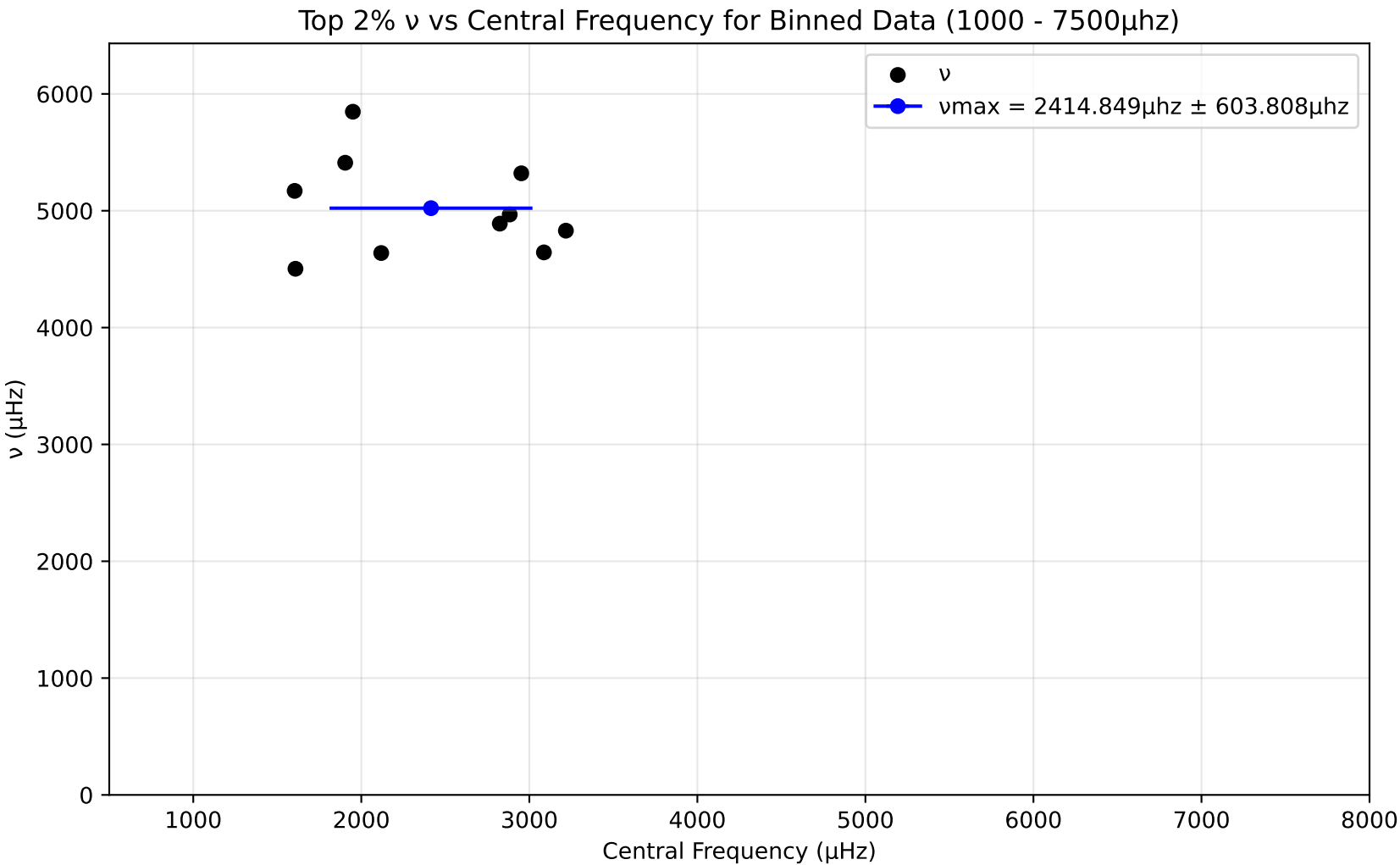

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
7000
6000
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

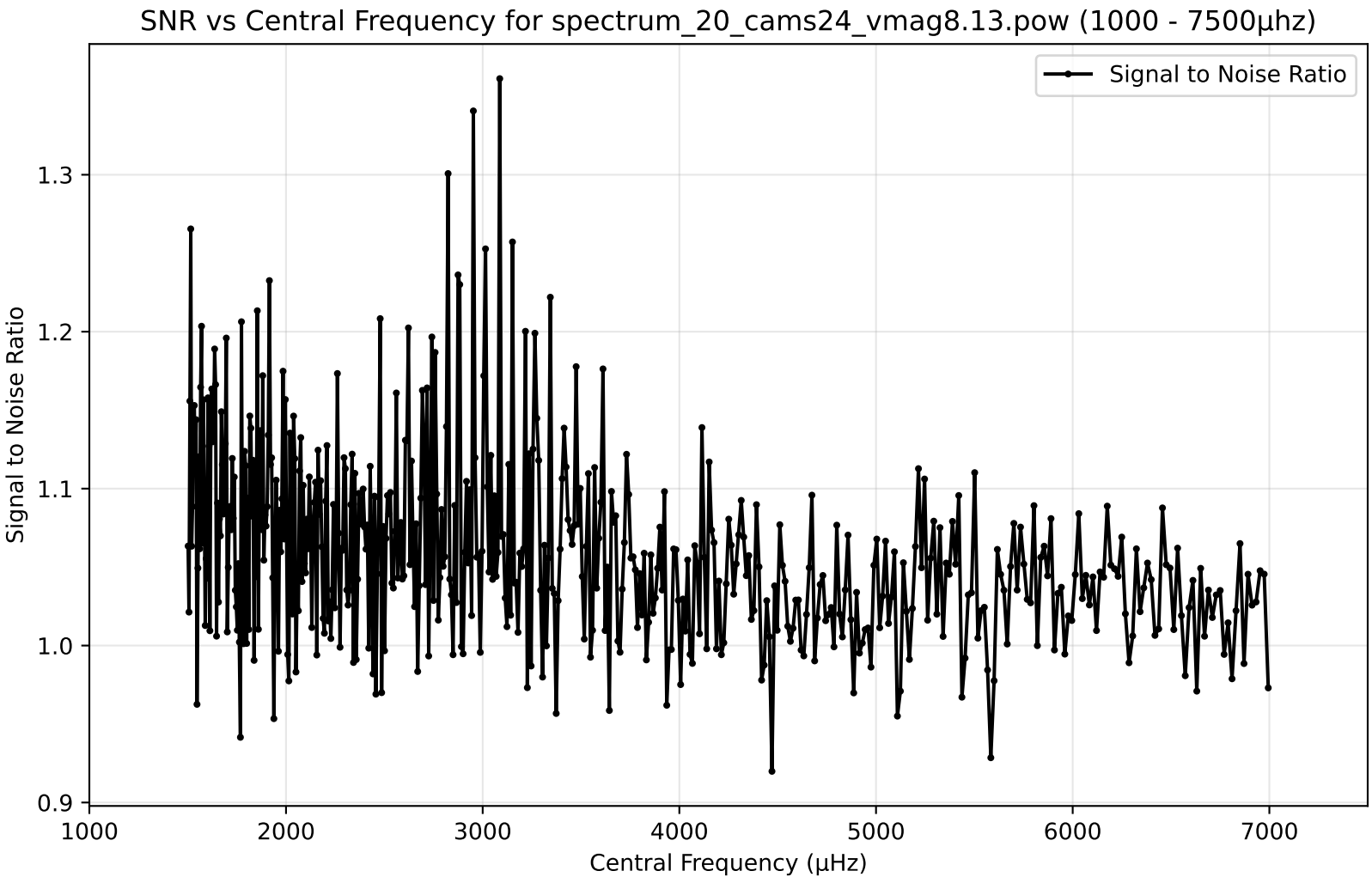

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2497.196μhz ± 665.775μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

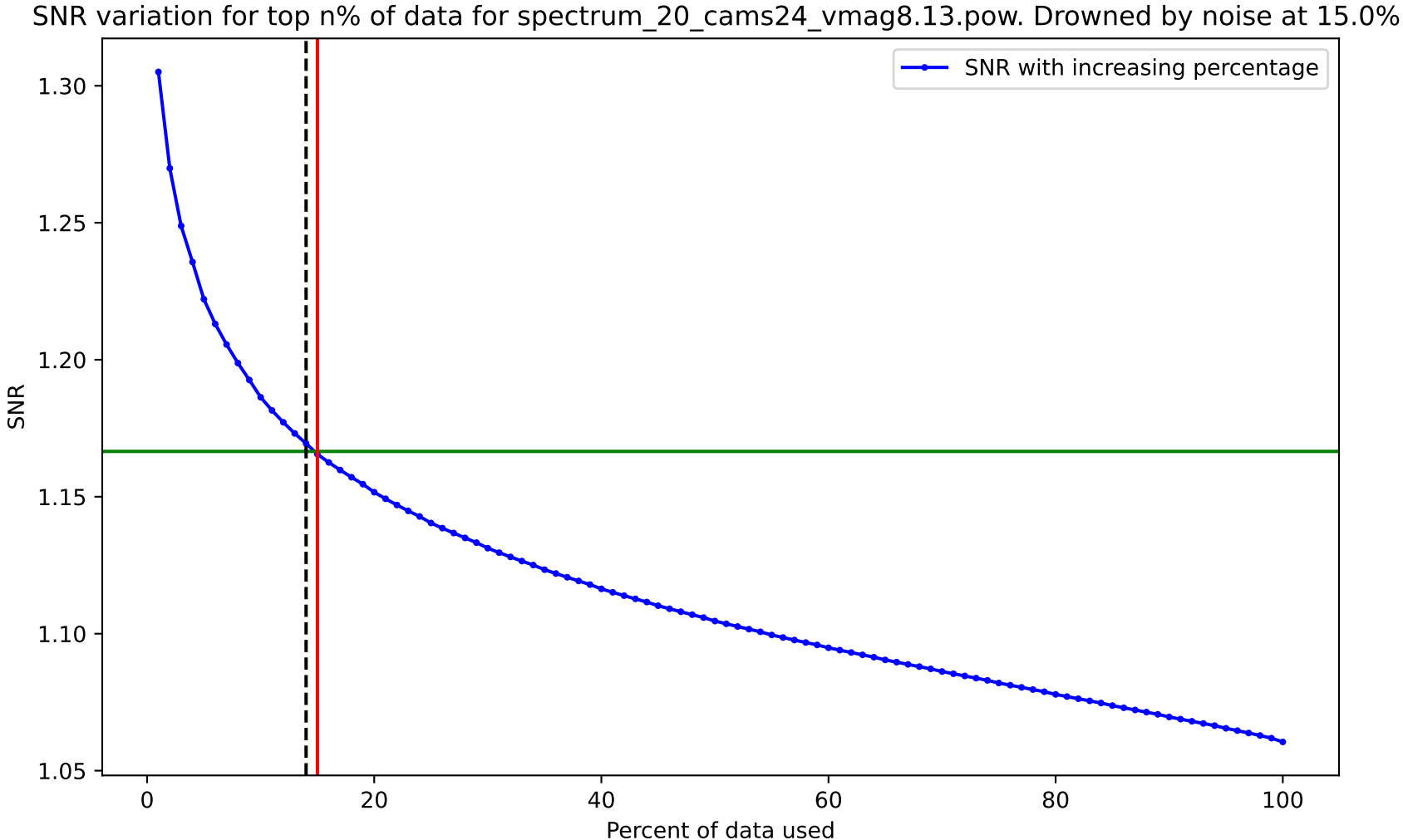

SNR vs Central Frequency for spectrum_20_cams24_vmag8.12.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

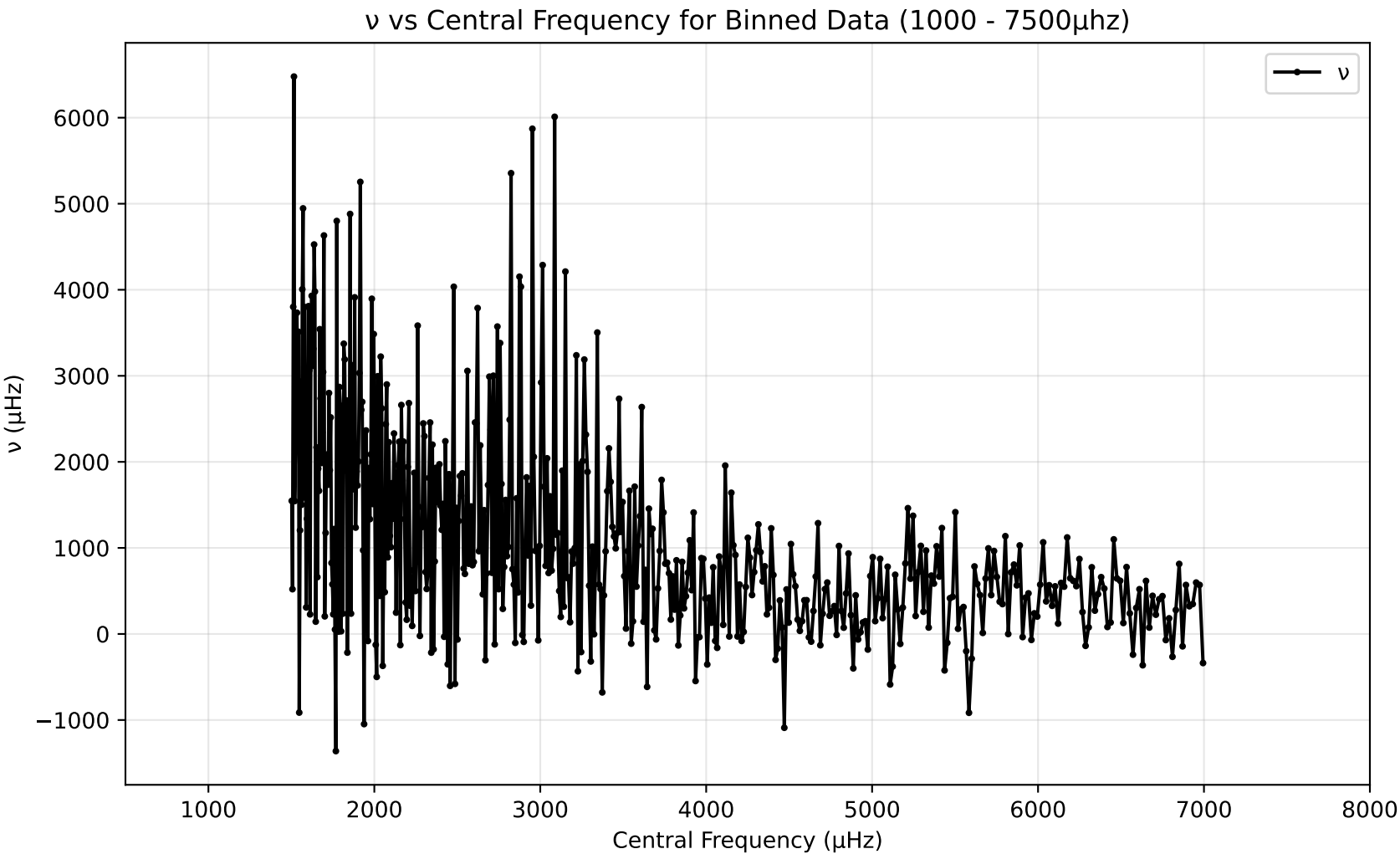

SNR variation for top n% of data for spectrum_20_cams24_vmag8.12.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

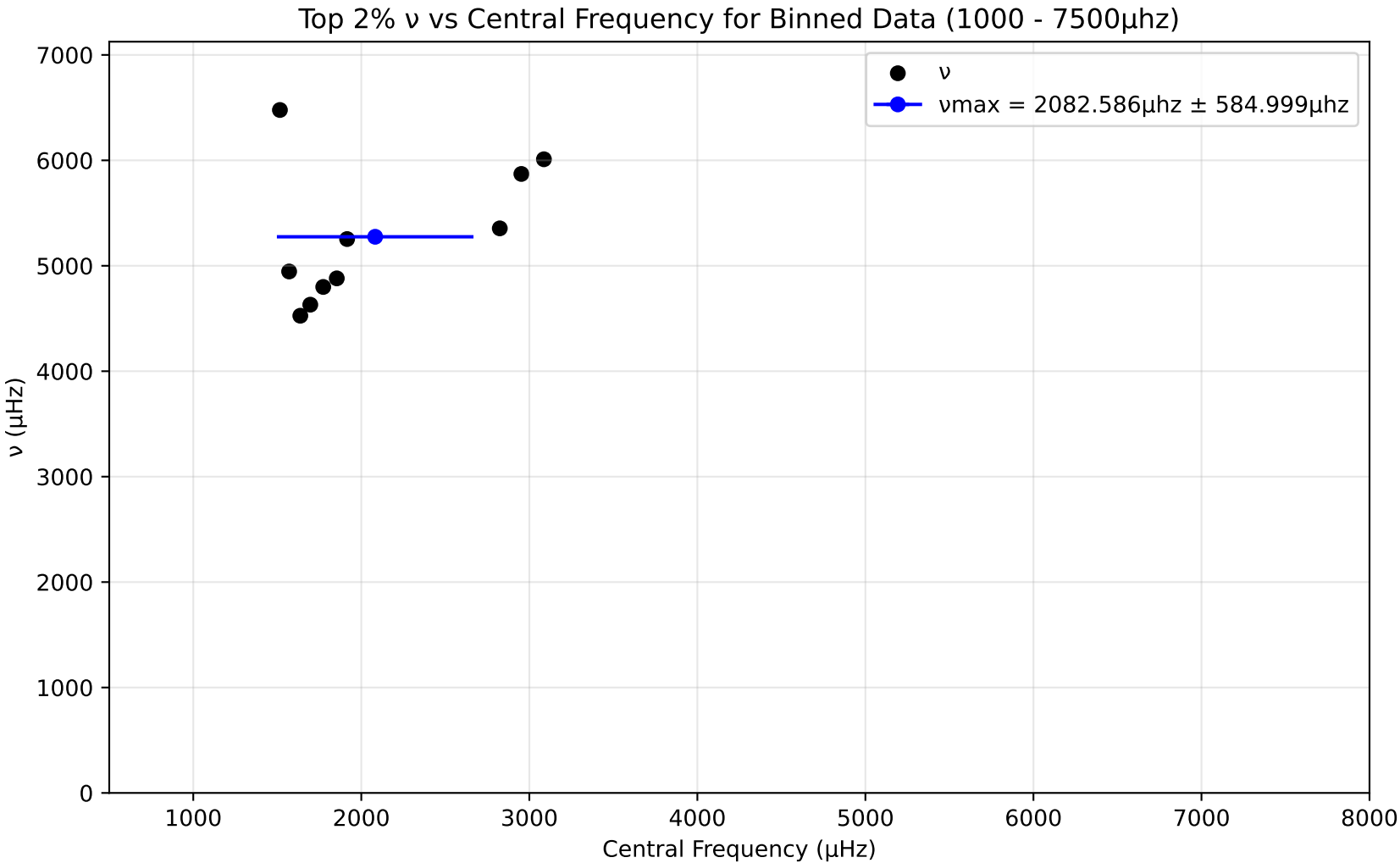

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
6000
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

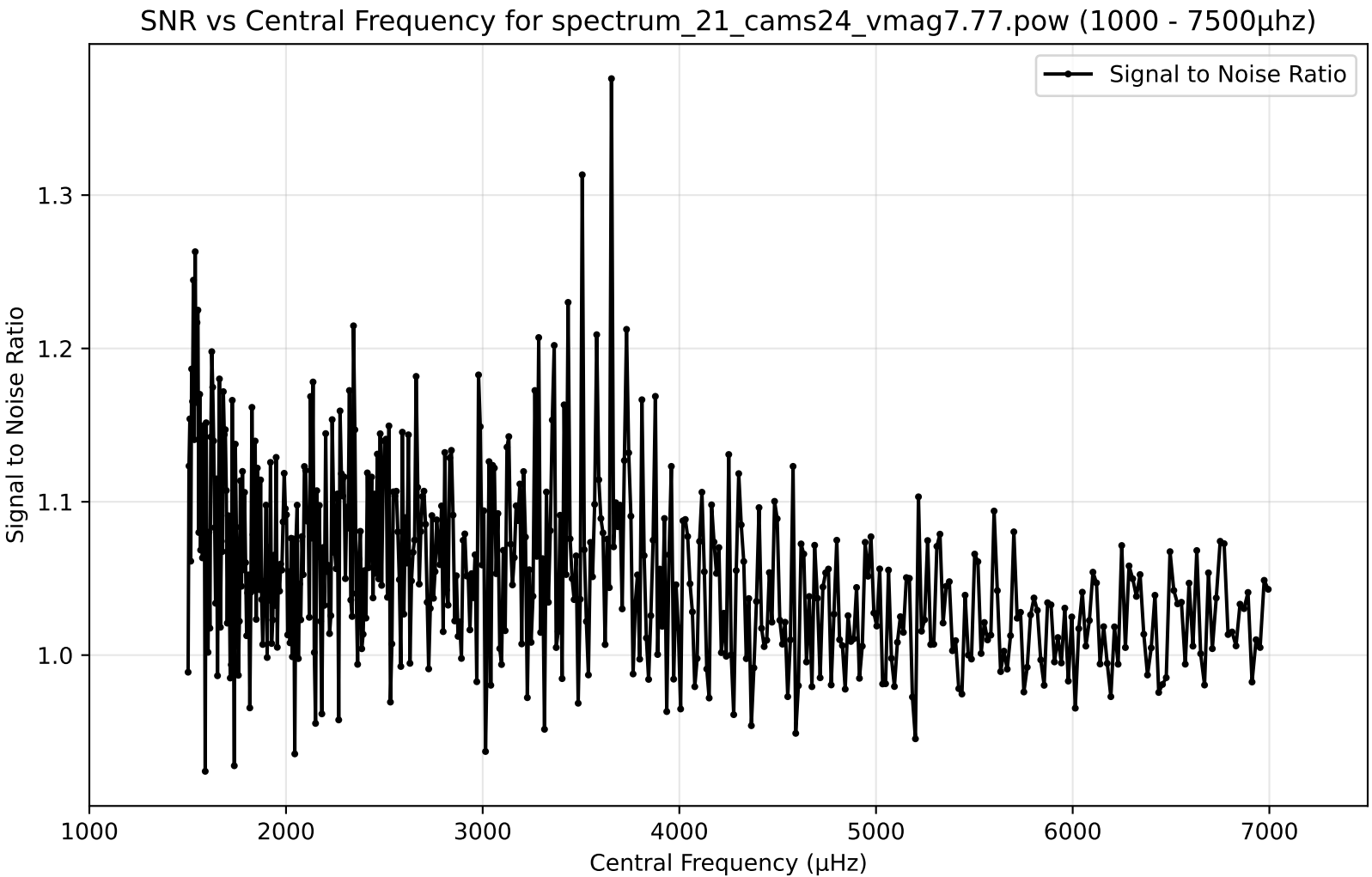

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2414.849μhz ± 603.808μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

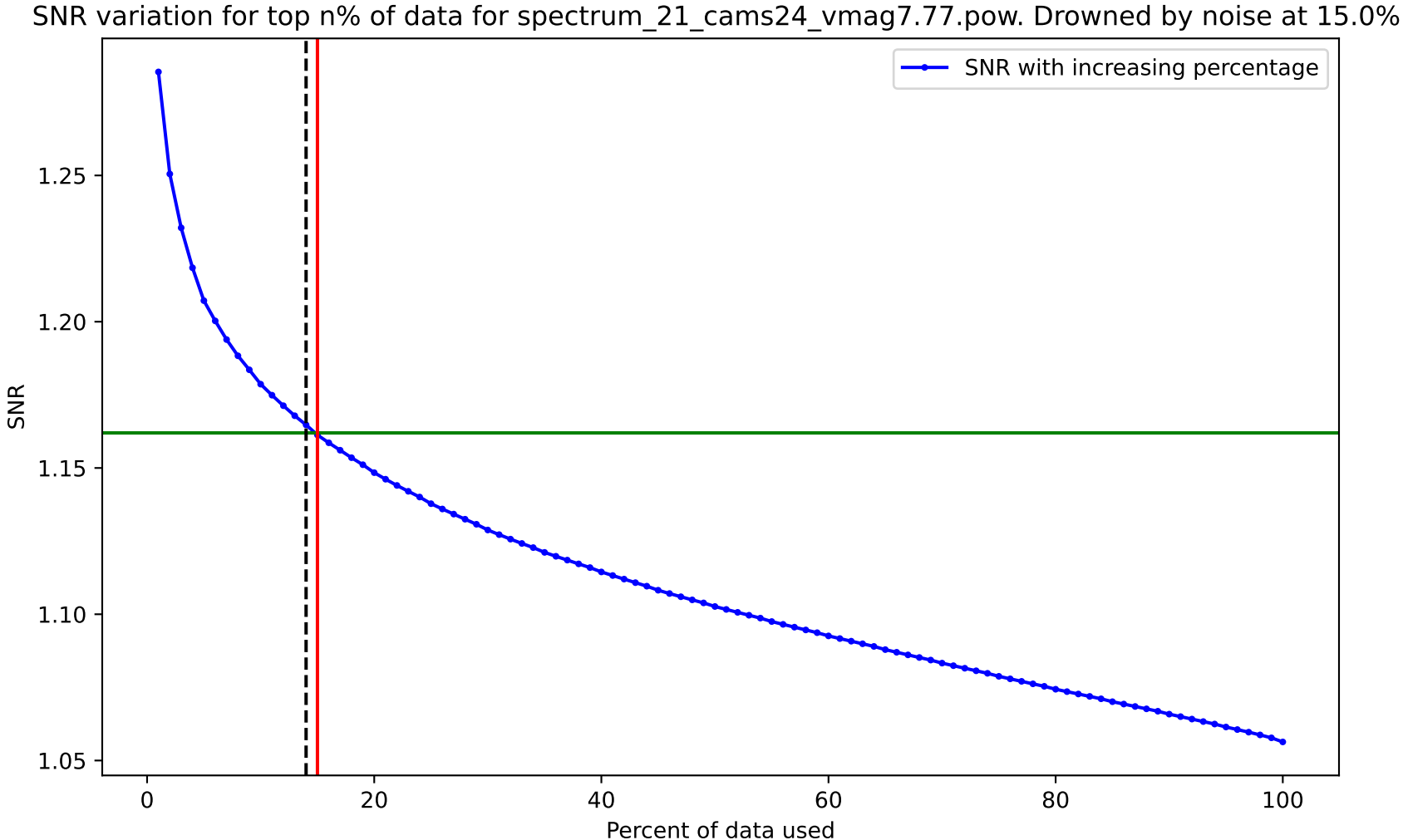

SNR vs Central Frequency for spectrum_20_cams24_vmag8.13.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
0.9
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000

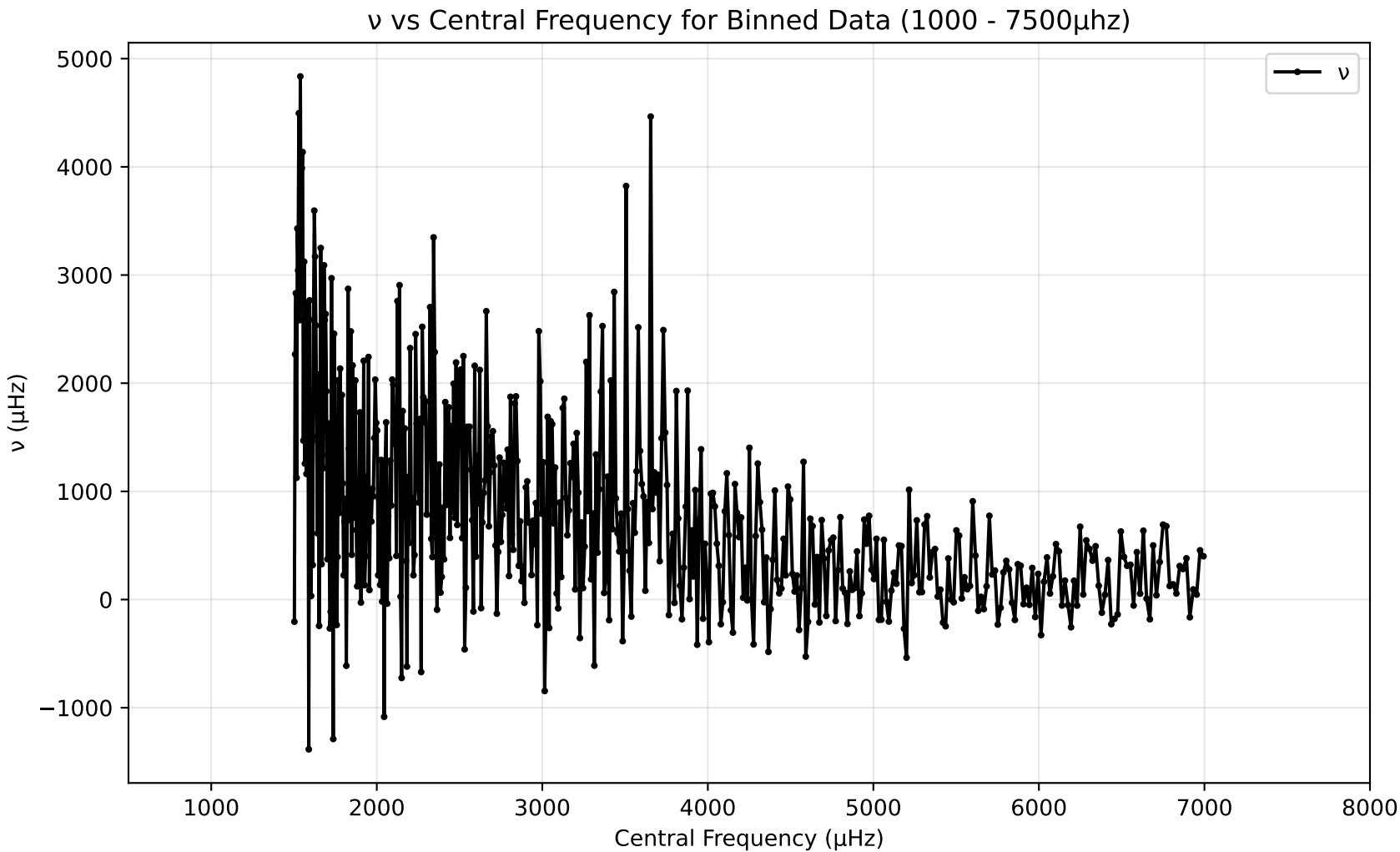

SNR variation for top n% of data for spectrum_20_cams24_vmag8.13.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

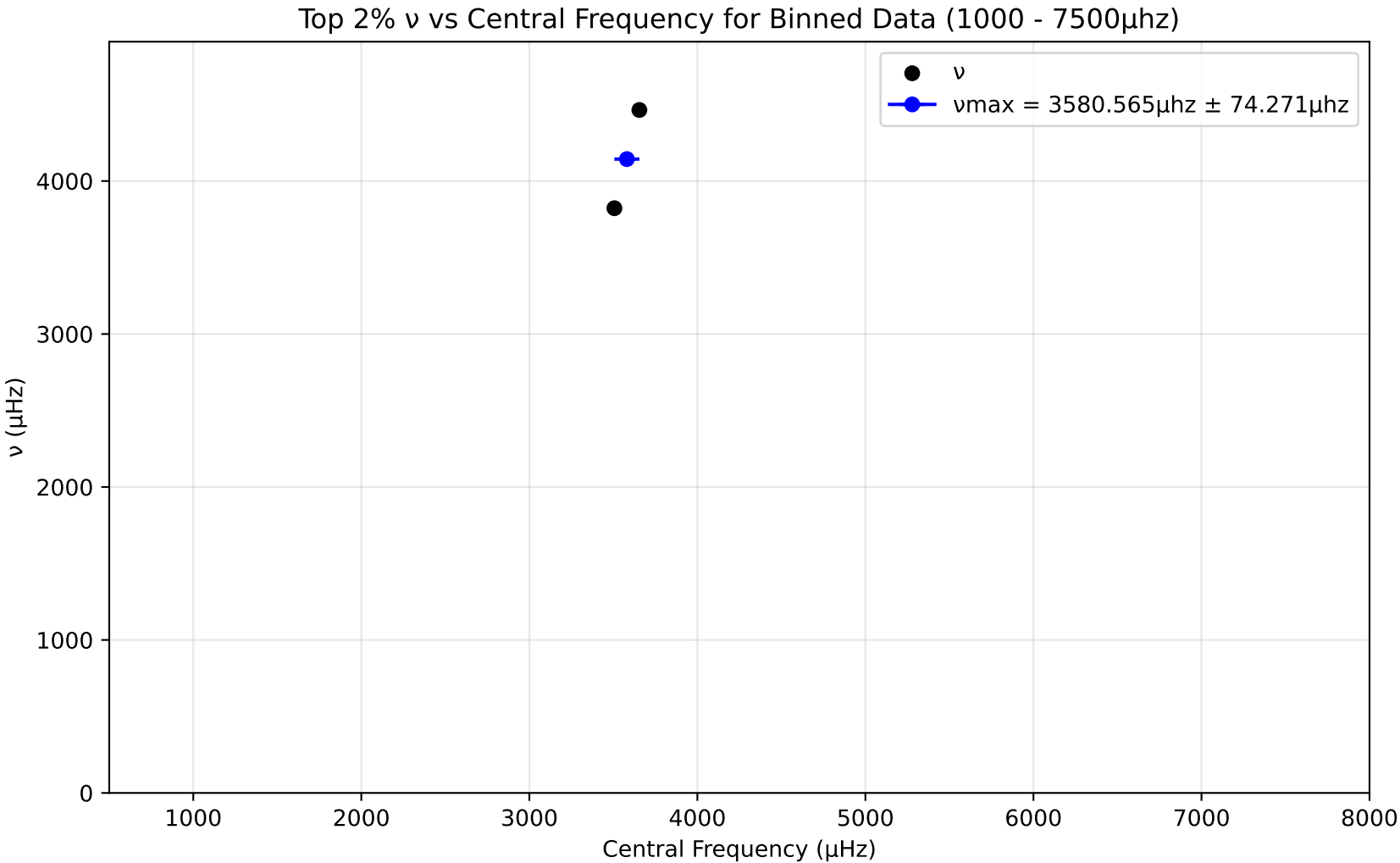

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
6000
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

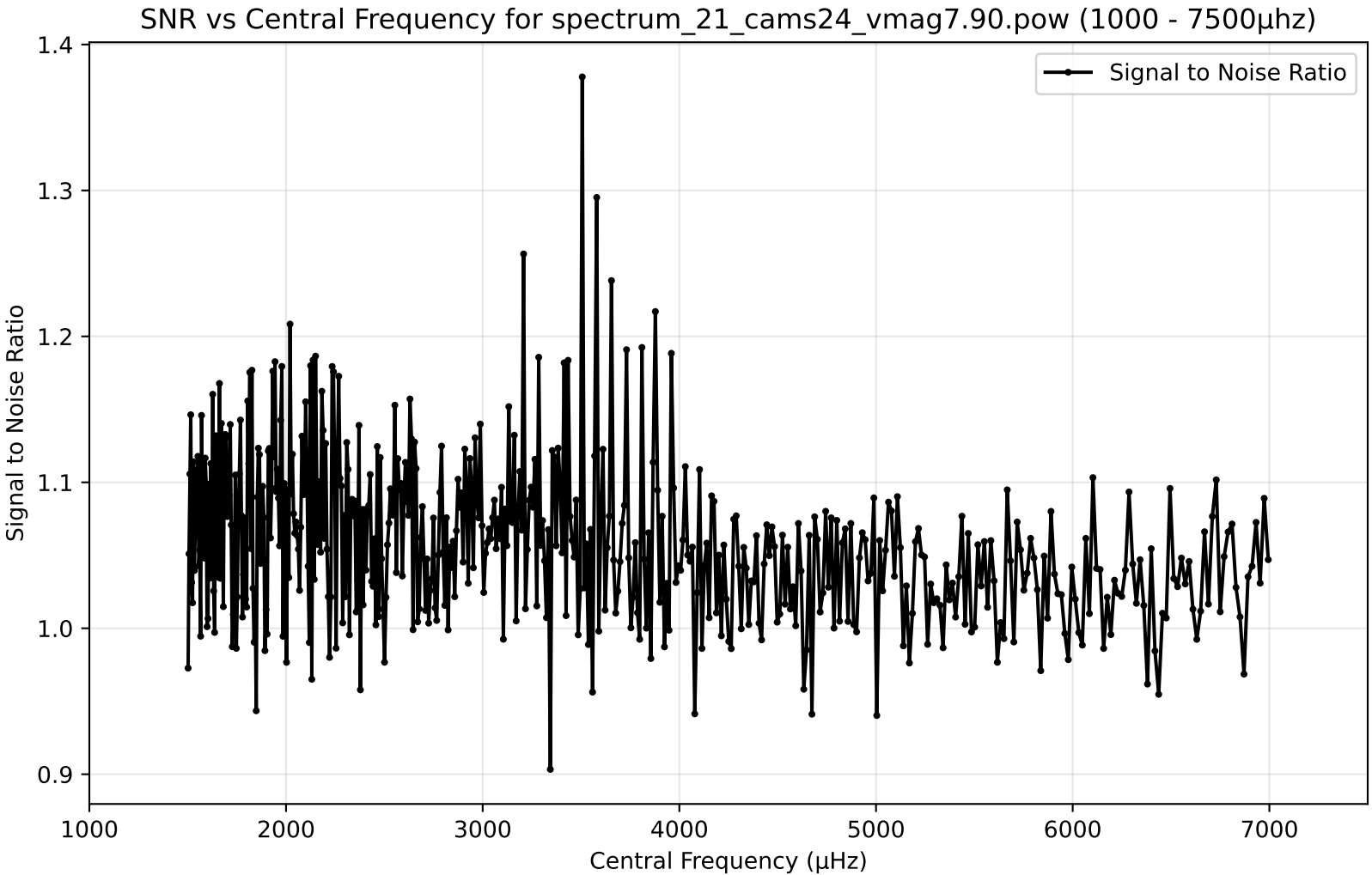

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2082.586μhz ± 584.999μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

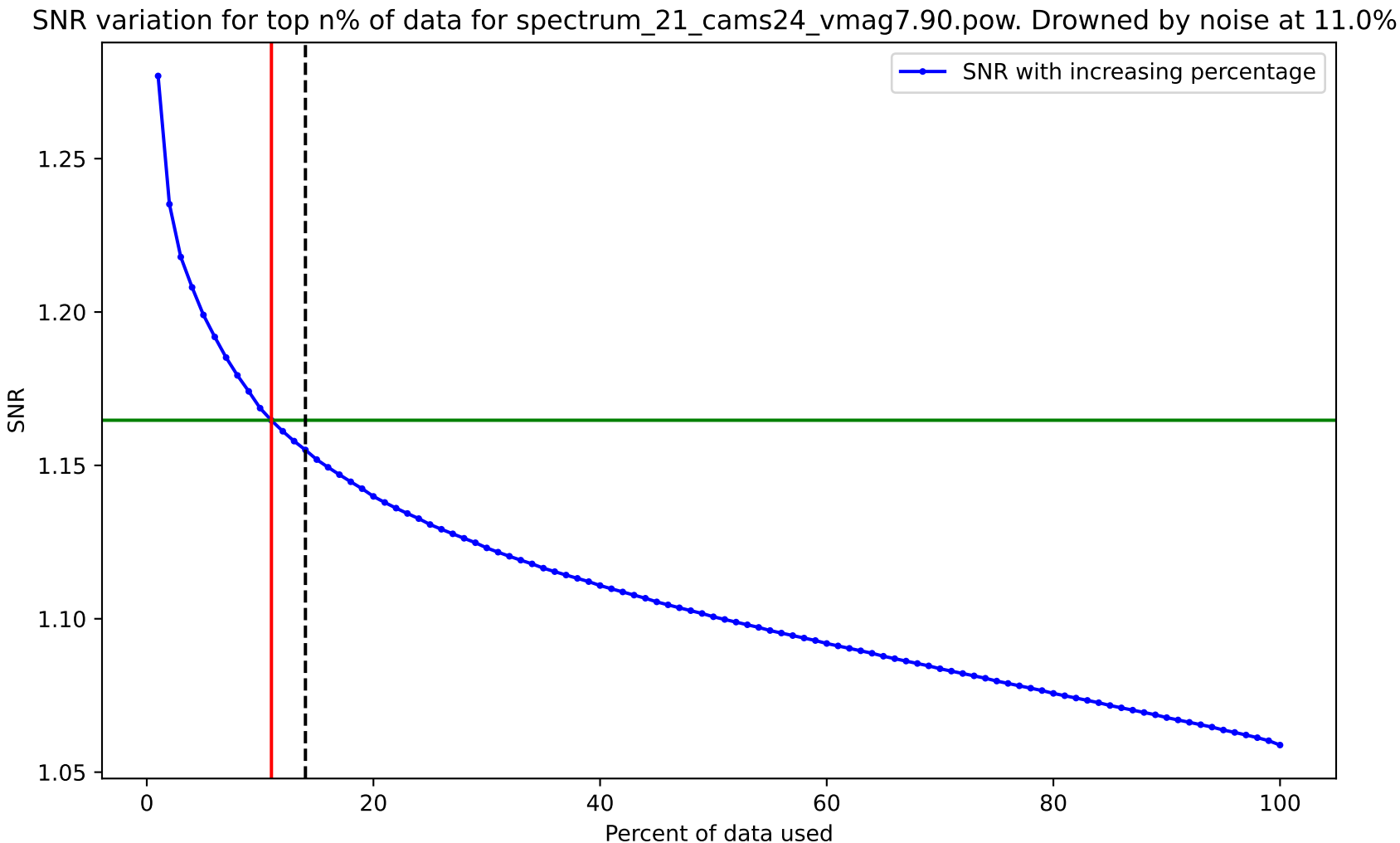

SNR vs Central Frequency for spectrum_21_cams24_vmag7.77.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

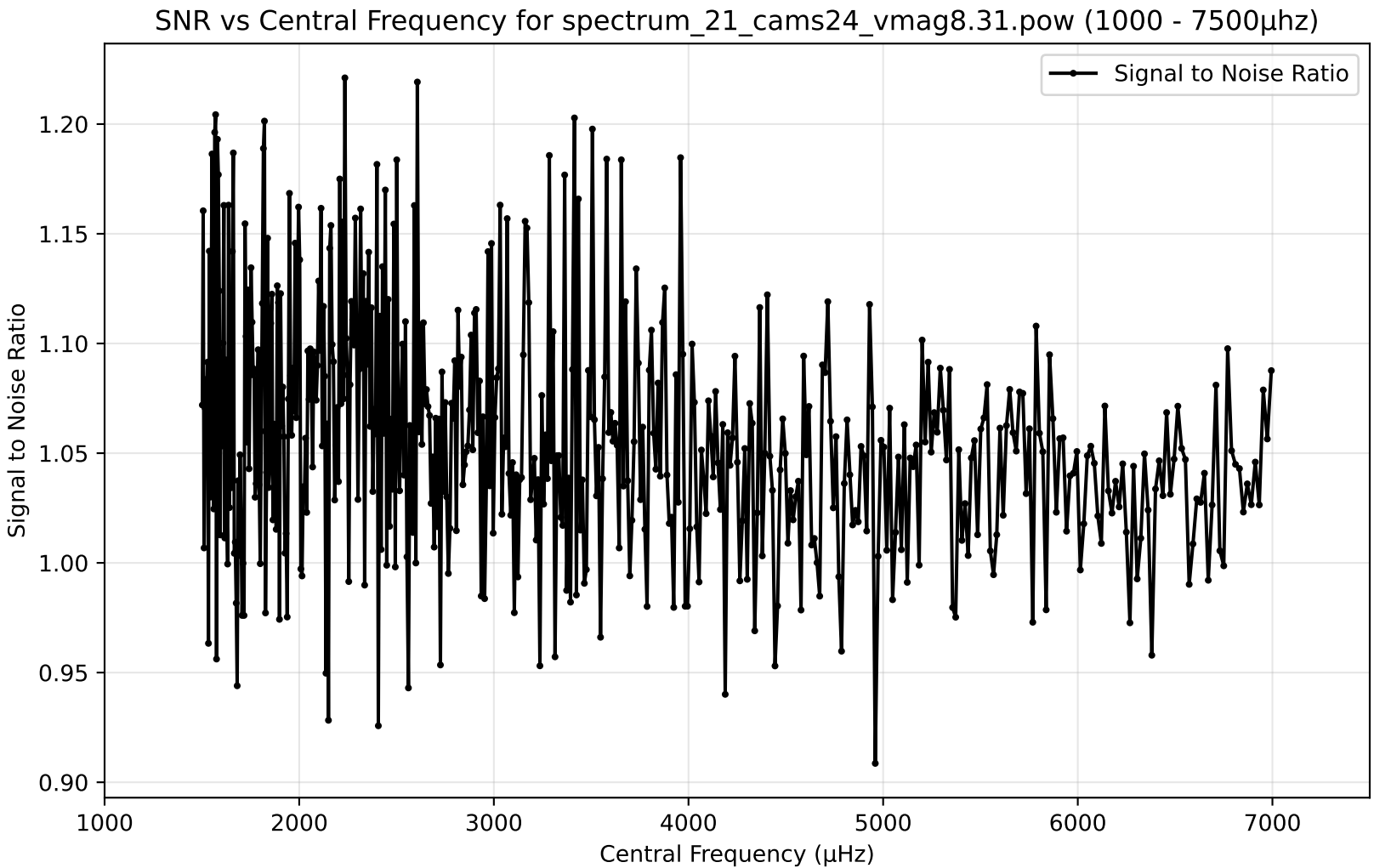

SNR variation for top n% of data for spectrum_21_cams24_vmag7.77.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

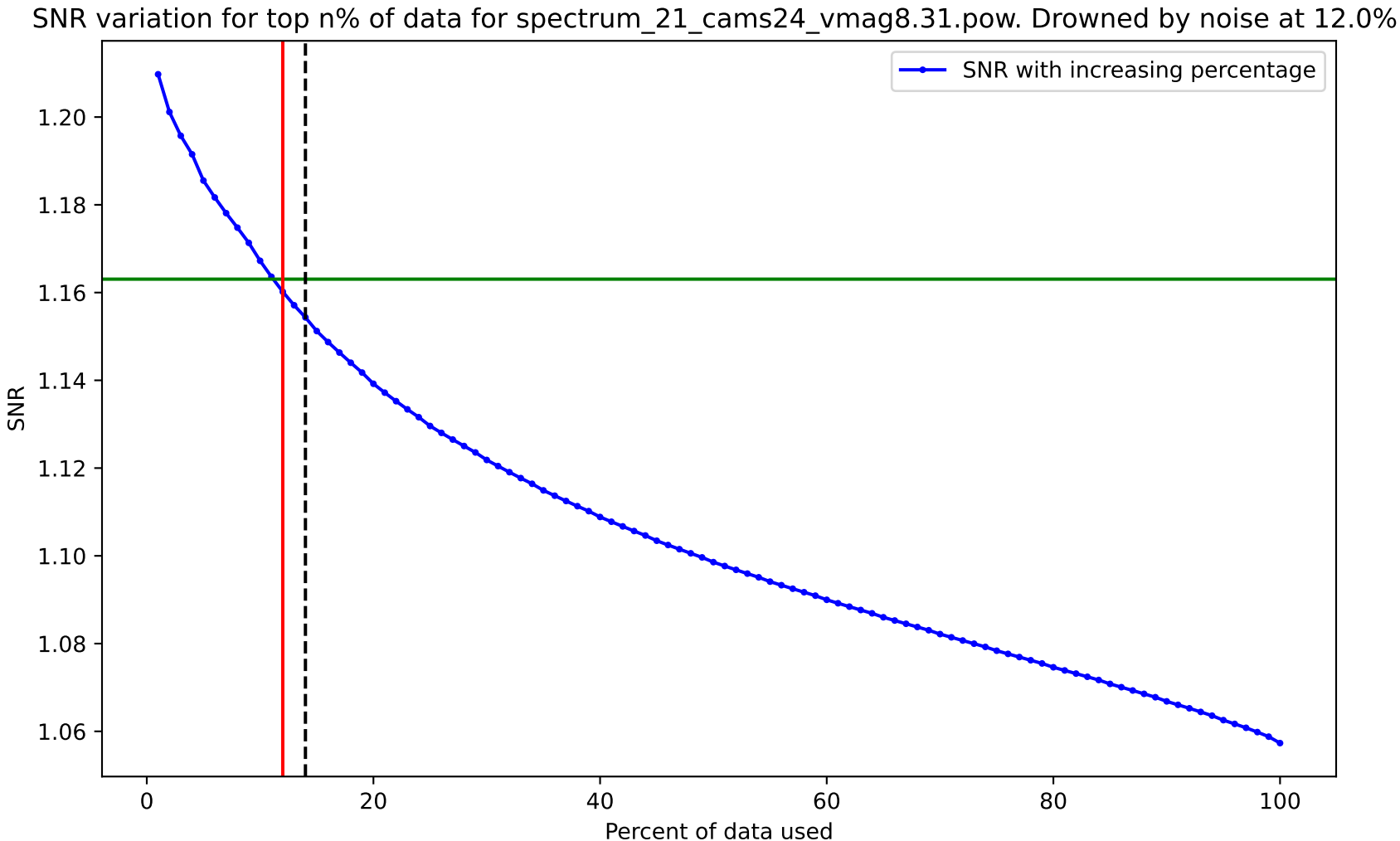

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

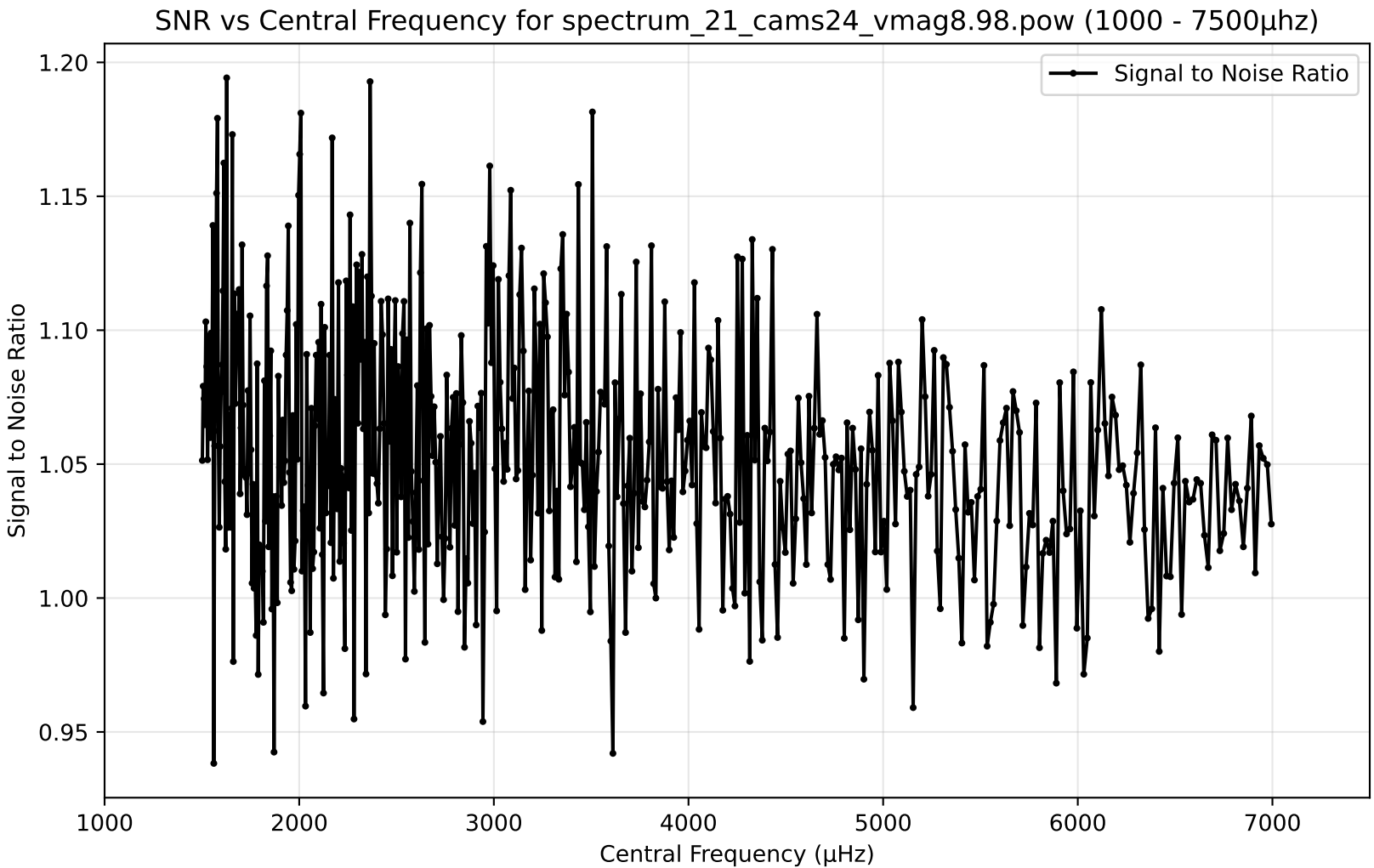

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3580.565μhz ± 74.271μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

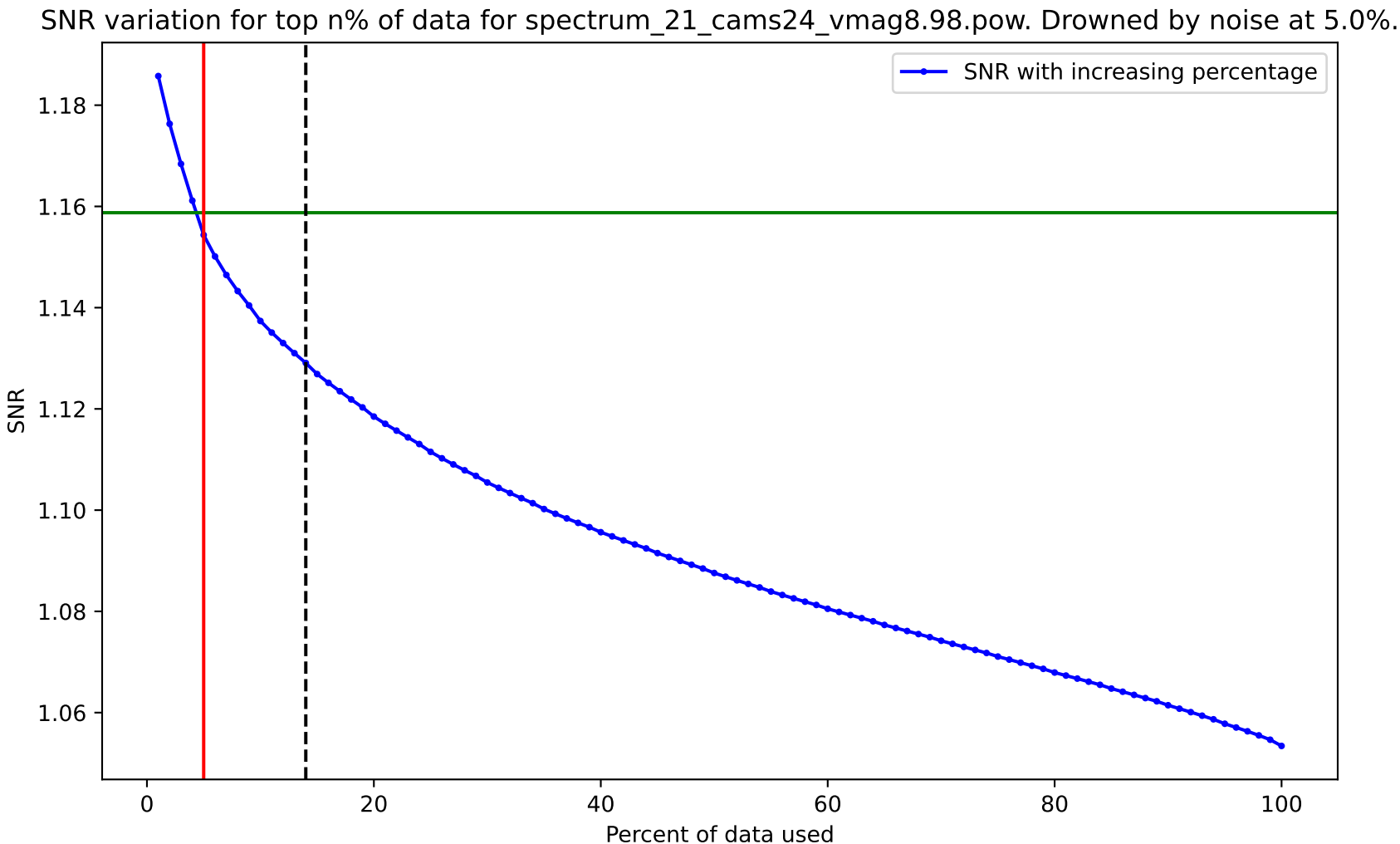

SNR vs Central Frequency for spectrum_21_cams24_vmag7.90.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

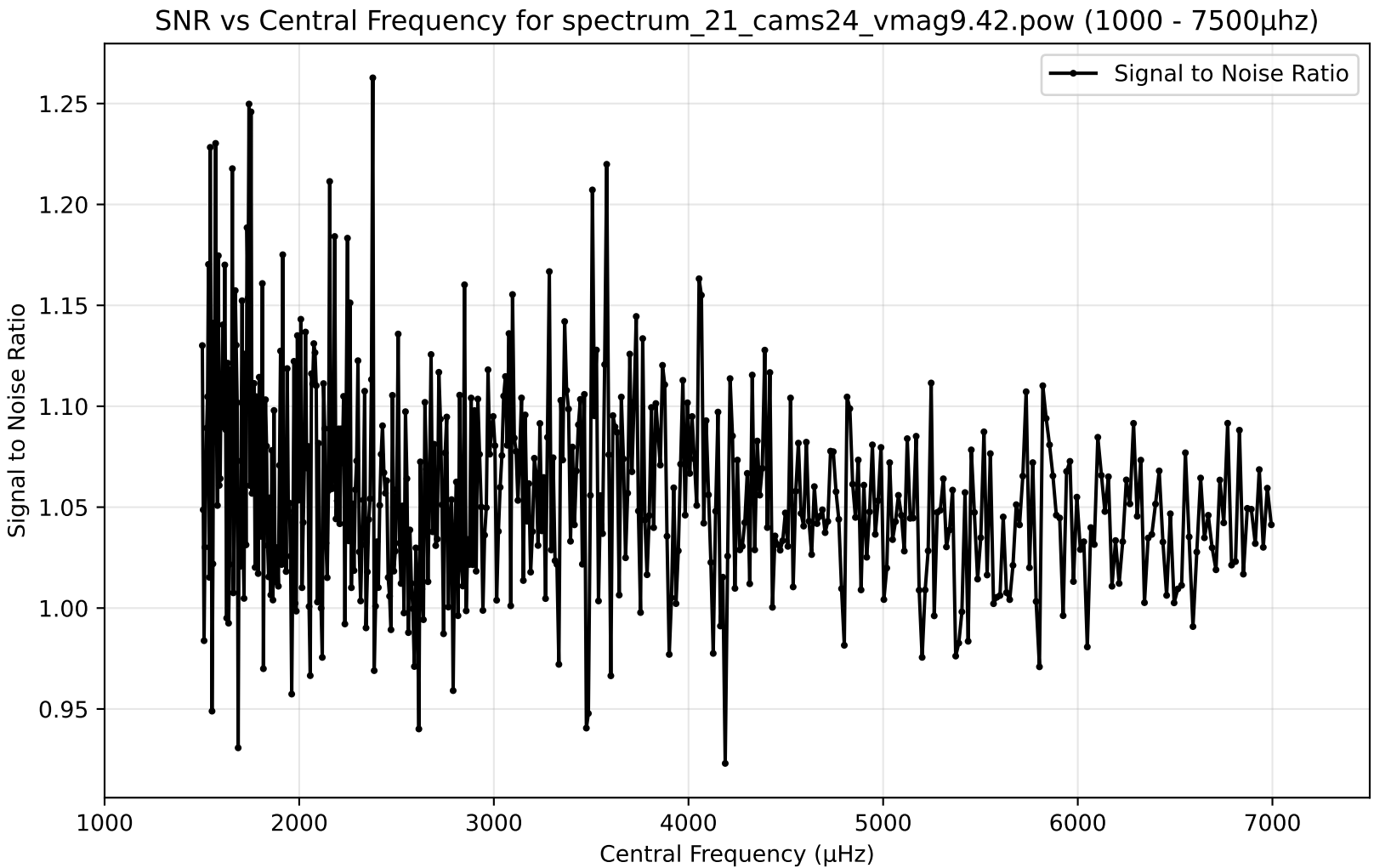

SNR variation for top n% of data for spectrum_21_cams24_vmag7.90.pow. Drowned by noise at 11.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

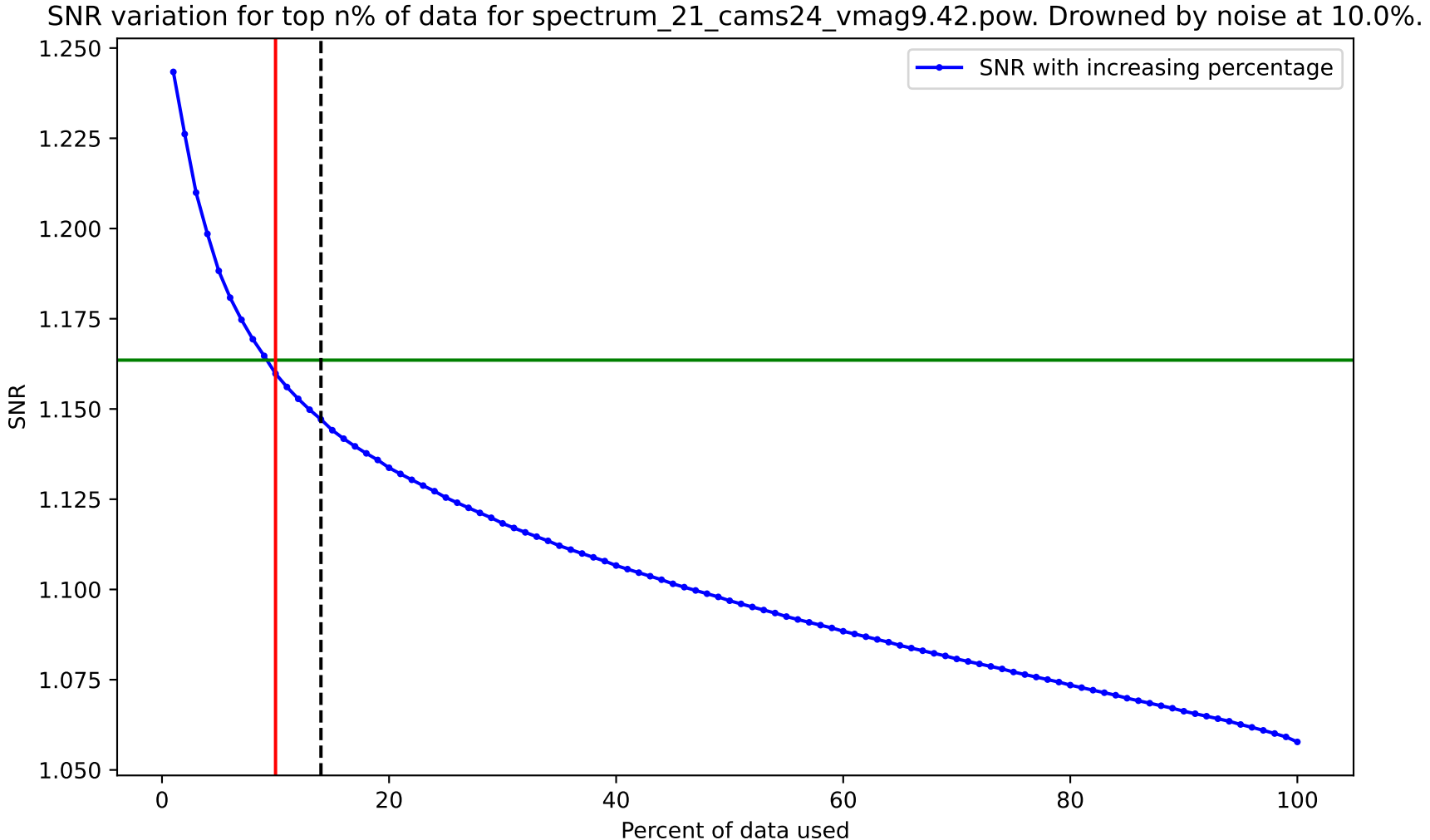

SNR vs Central Frequency for spectrum_21_cams24_vmag8.31.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

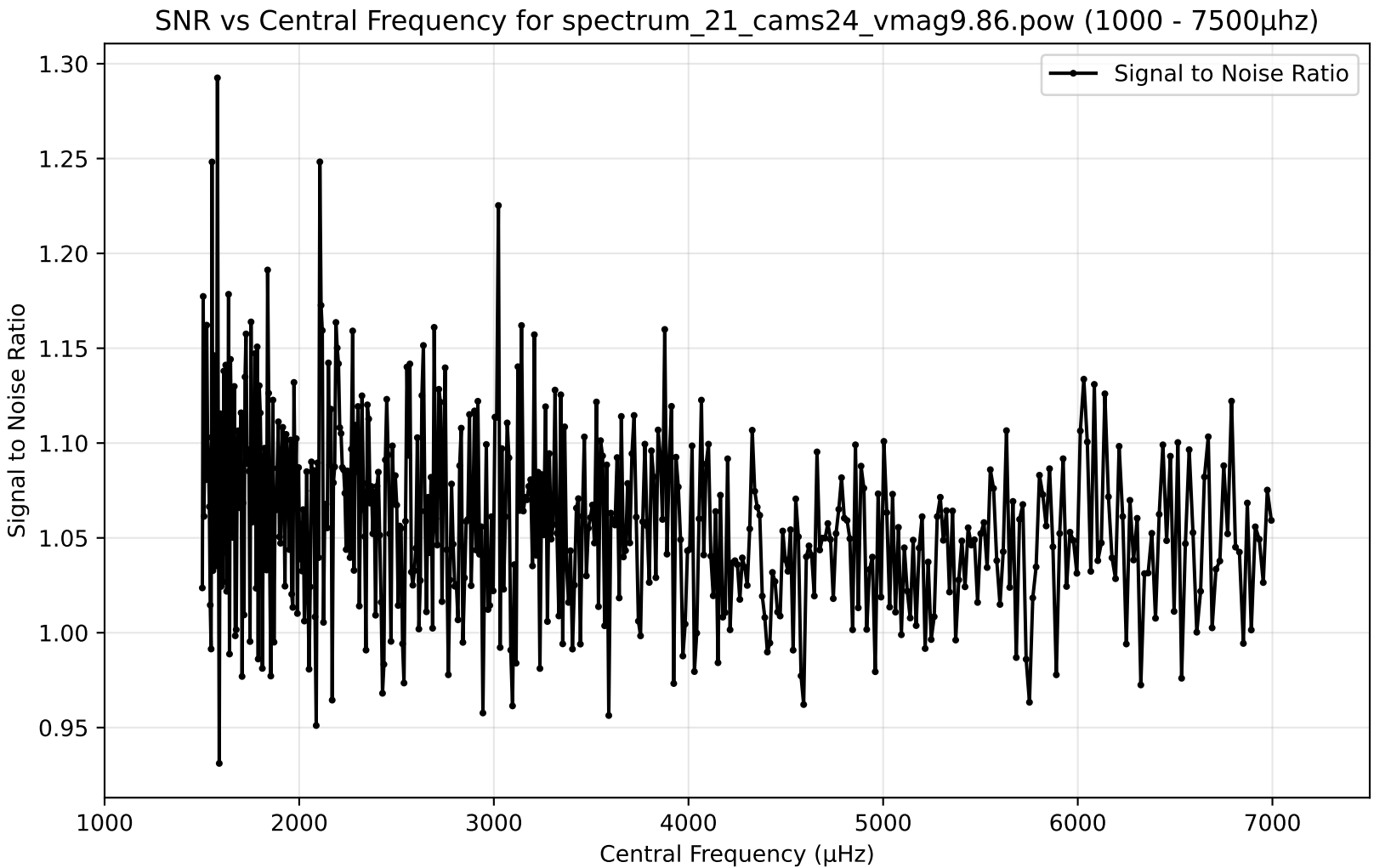

SNR variation for top n% of data for spectrum_21_cams24_vmag8.31.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

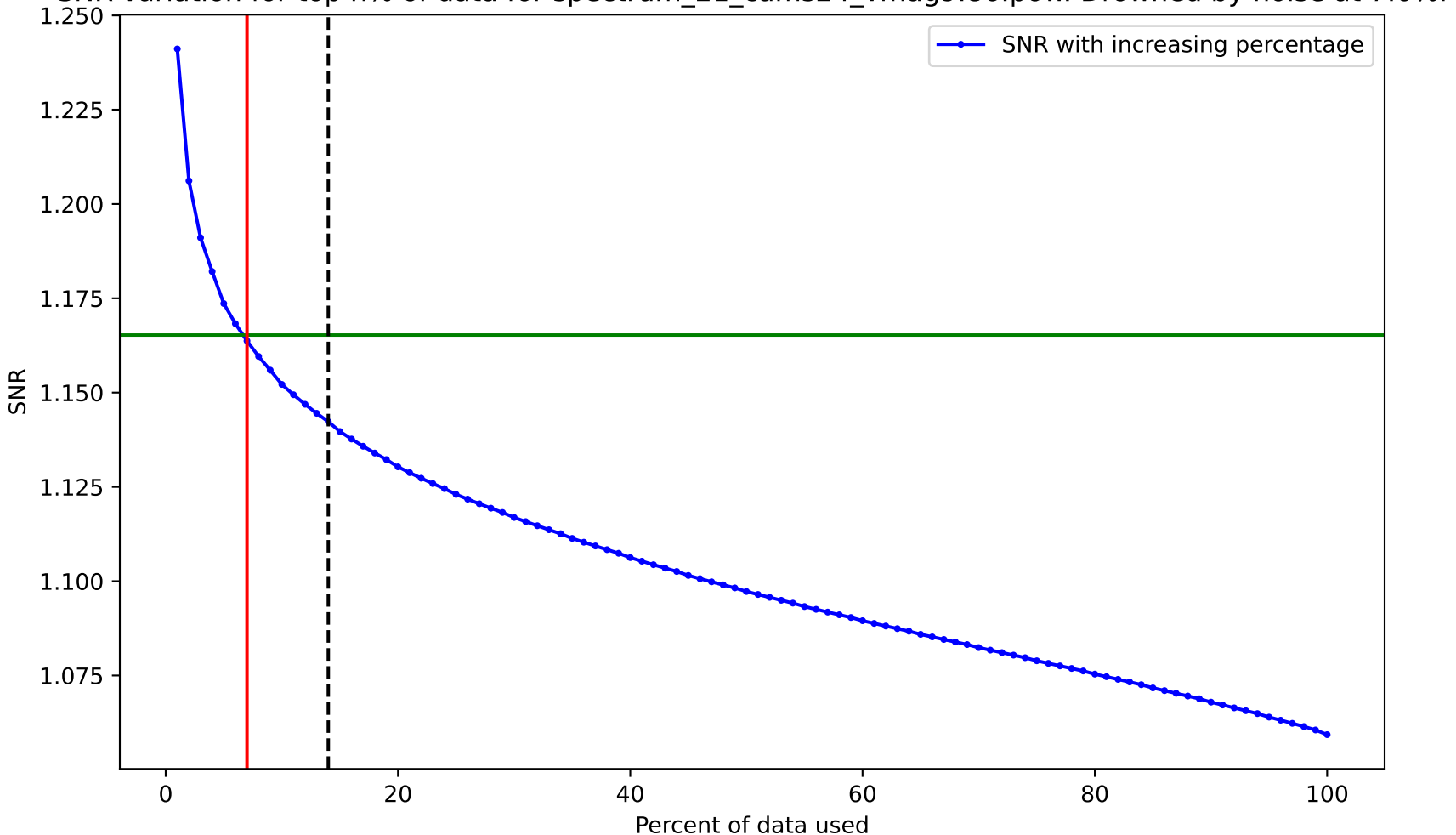

SNR vs Central Frequency for spectrum_21_cams24_vmag8.98.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

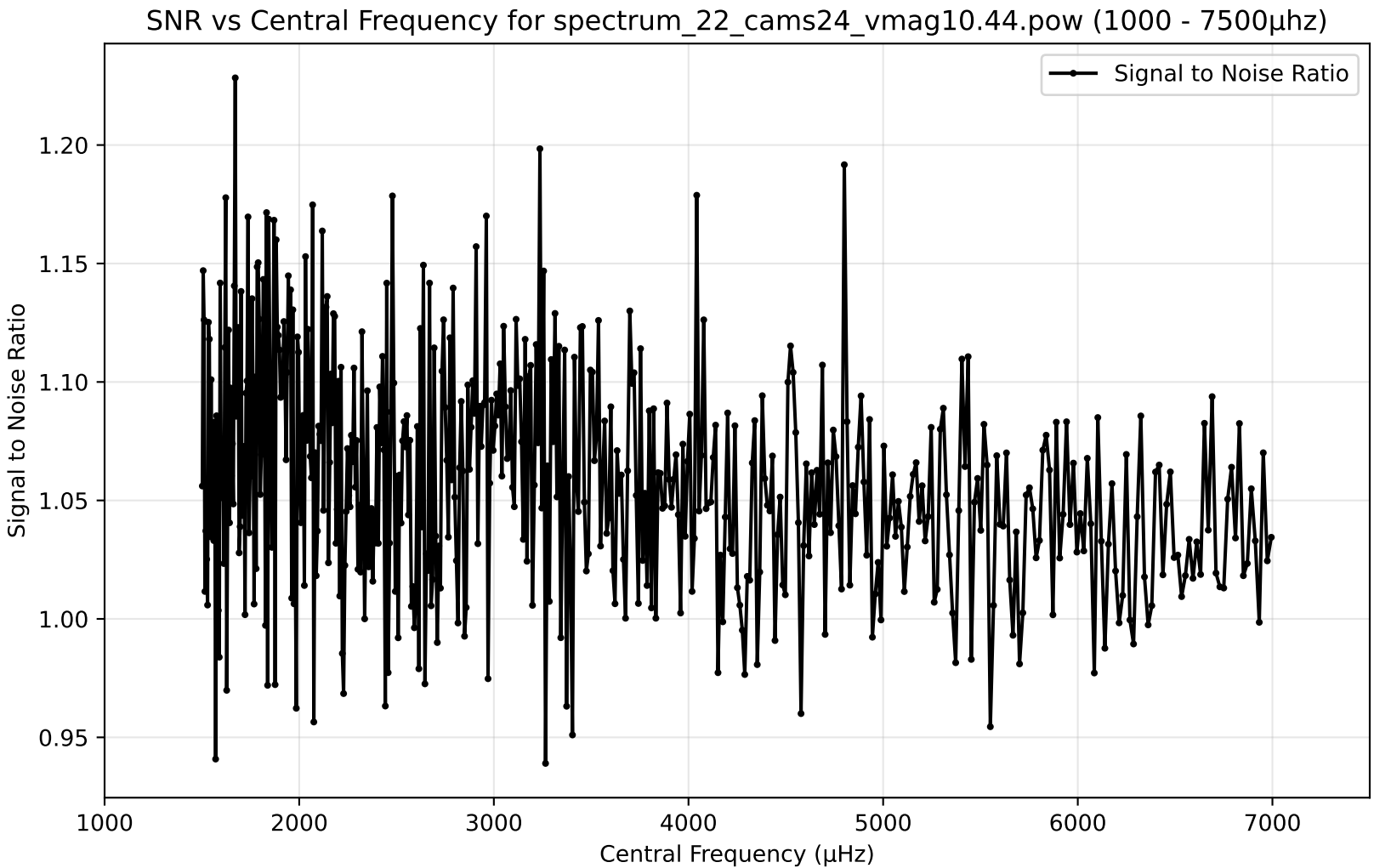

SNR variation for top n% of data for spectrum_21_cams24_vmag8.98.pow. Drowned by noise at 5.0%.
SNR with increasing percentage
SNR
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

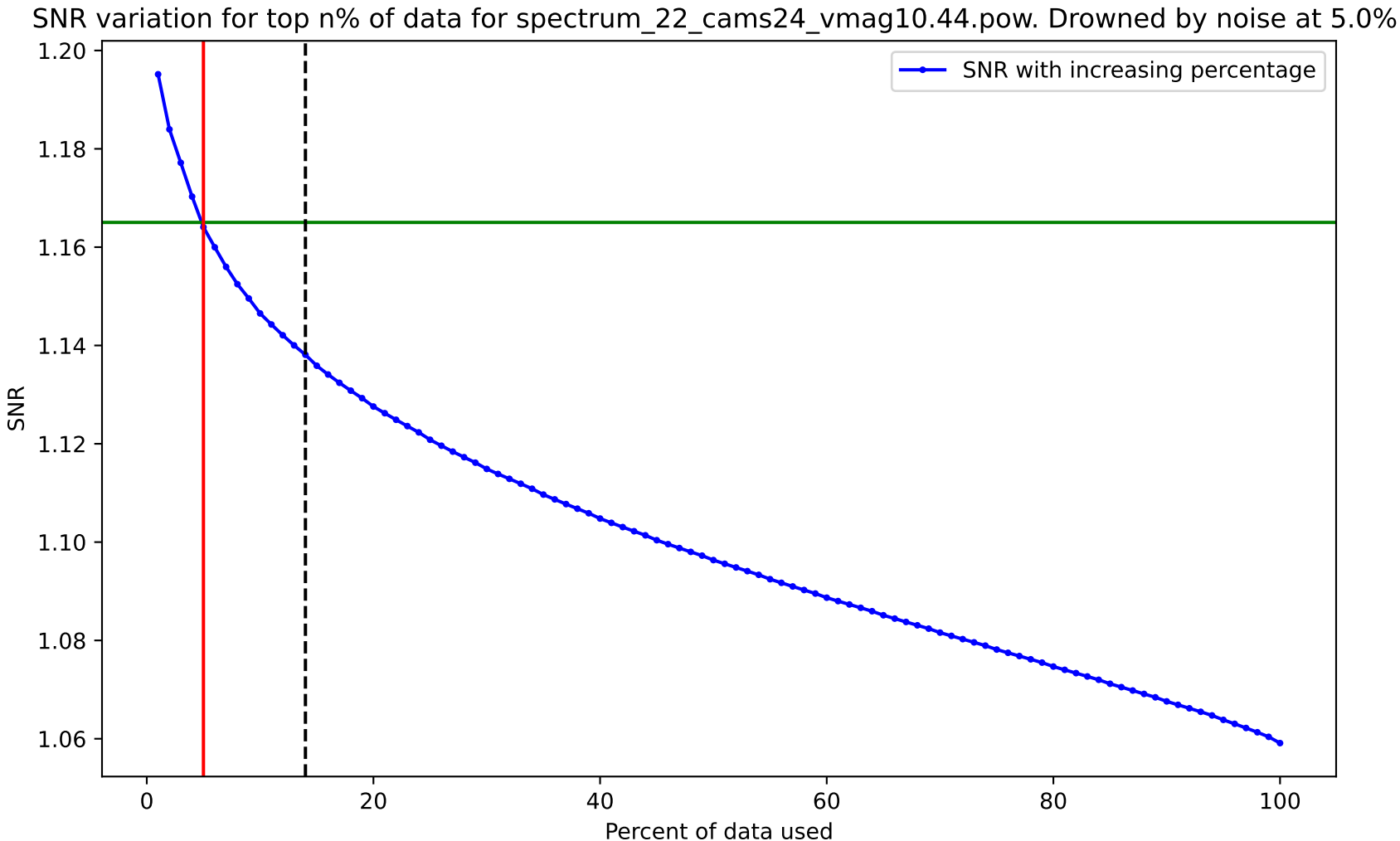

SNR vs Central Frequency for spectrum_21_cams24_vmag9.42.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

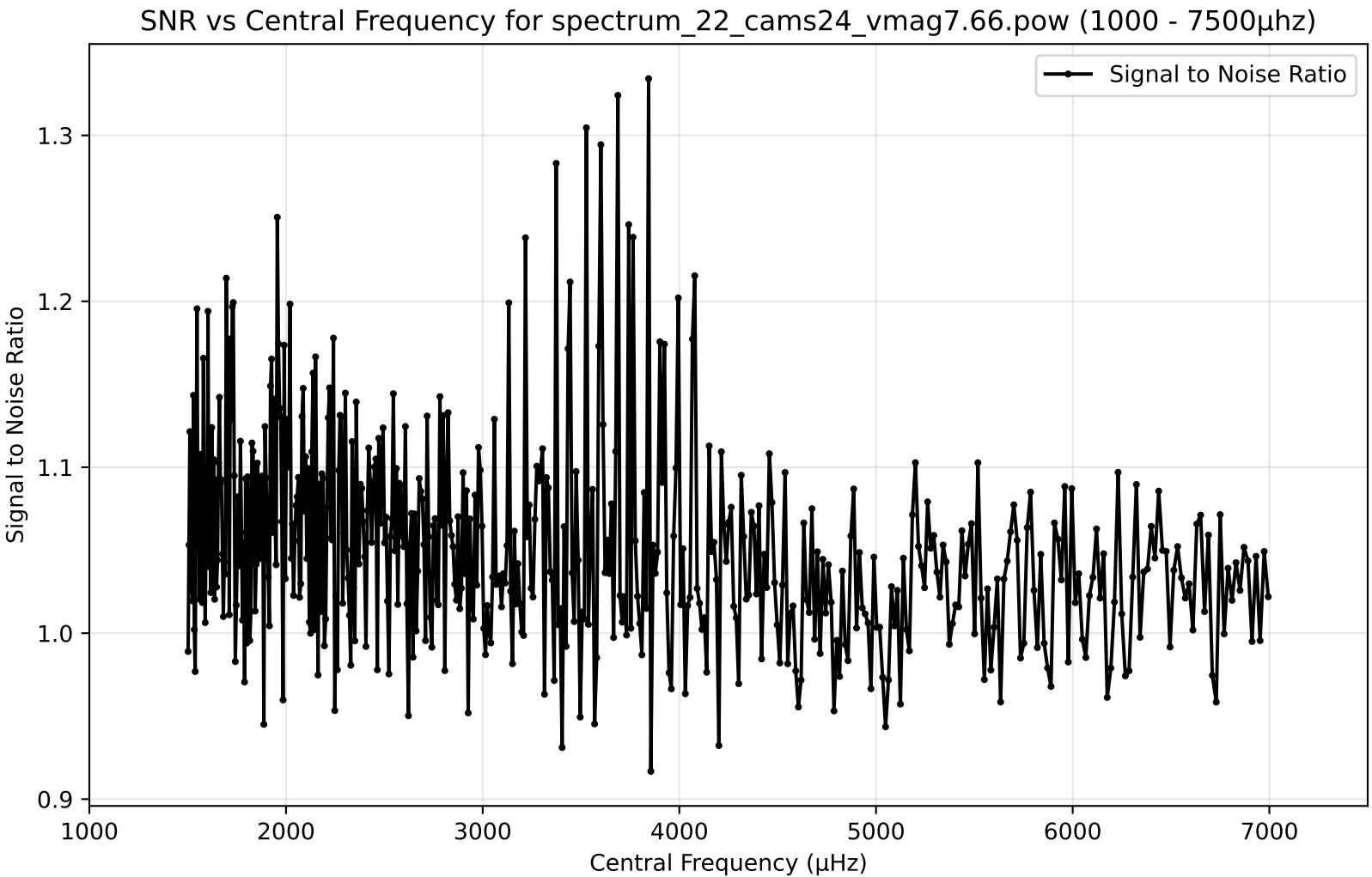

SNR variation for top n% of data for spectrum_21_cams24_vmag9.42.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
Percent of data used
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

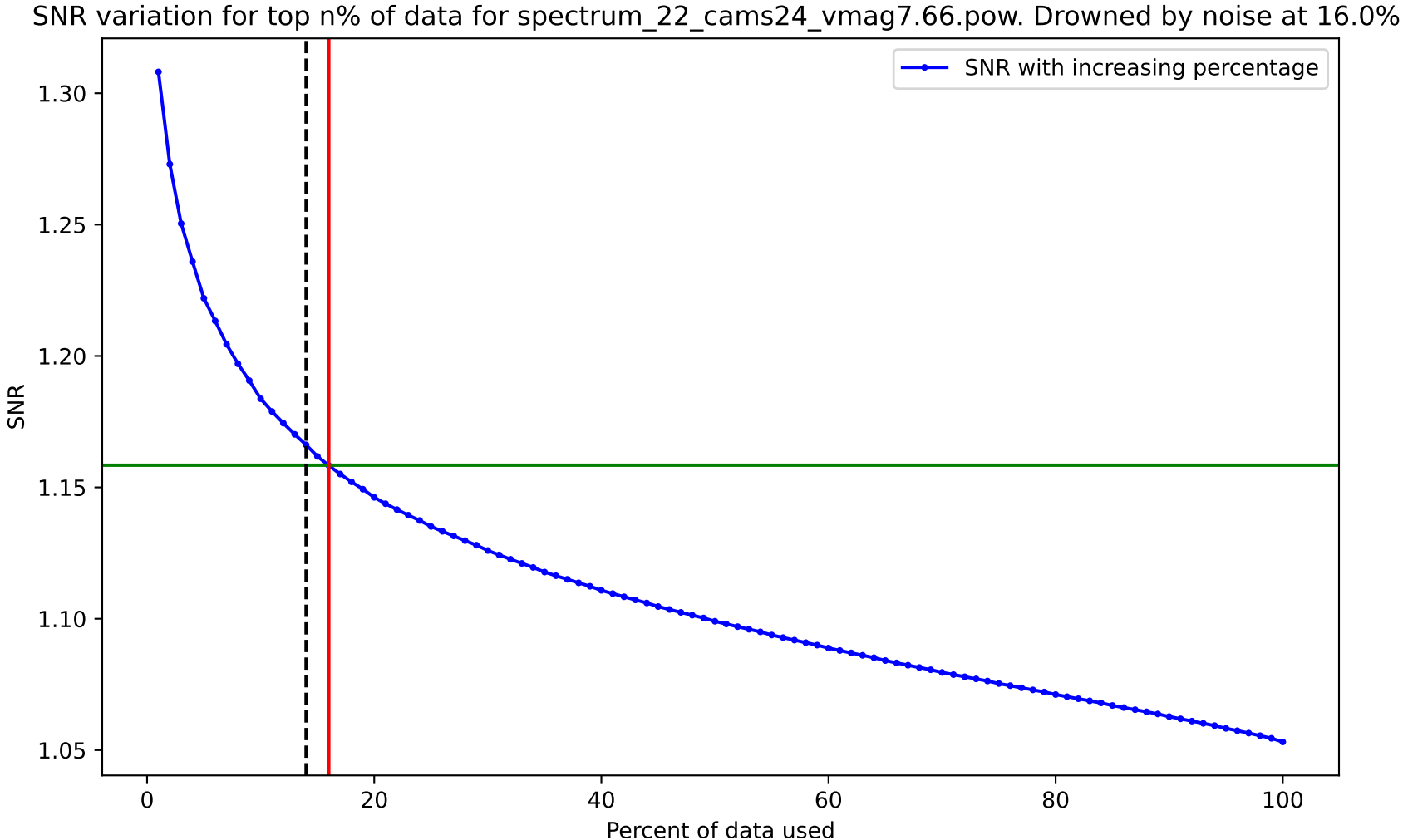

SNR vs Central Frequency for spectrum_21_cams24_vmag9.86.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

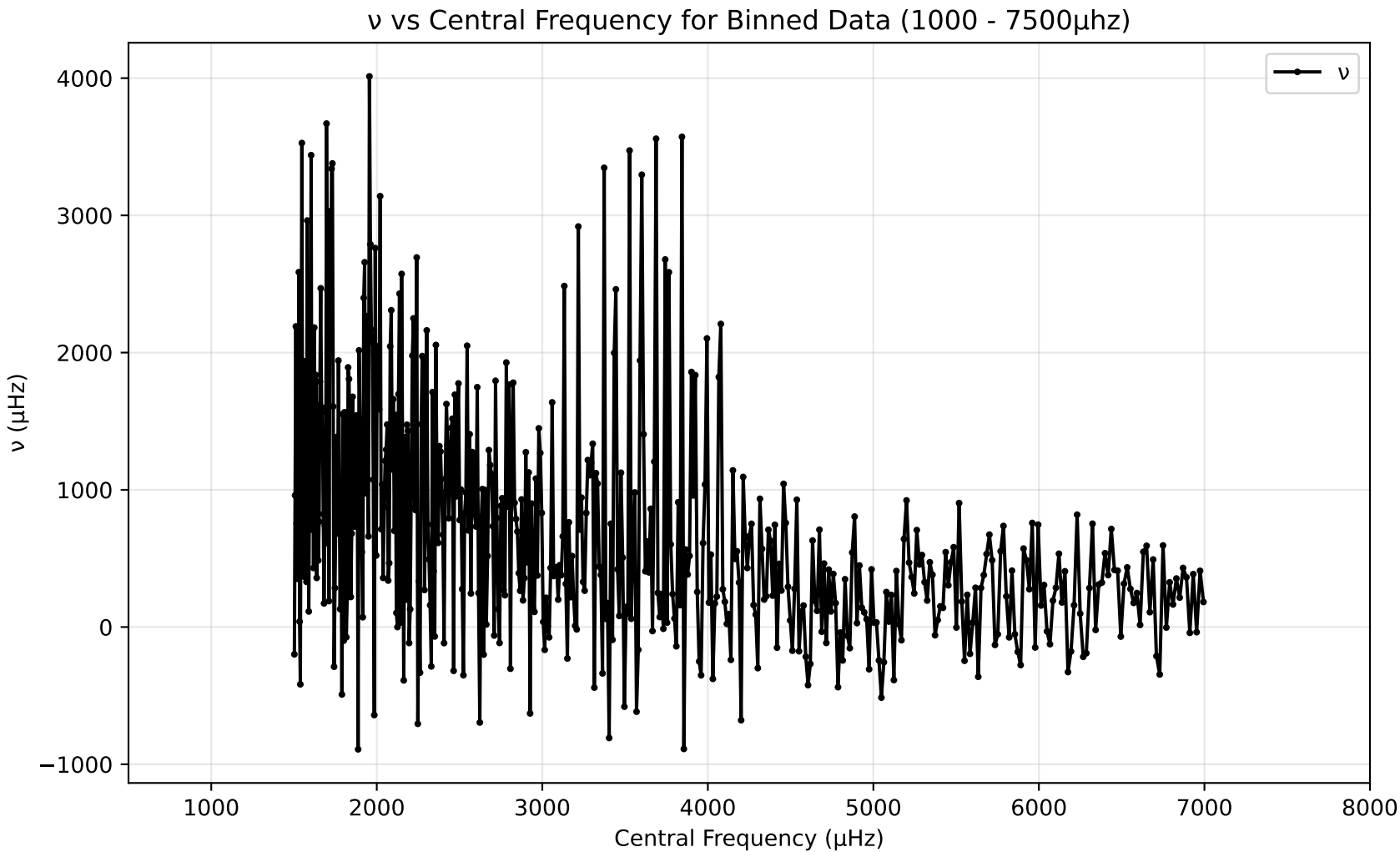

SNR variation for top n% of data for spectrum_21_cams24_vmag9.86.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
Percent of data used
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100

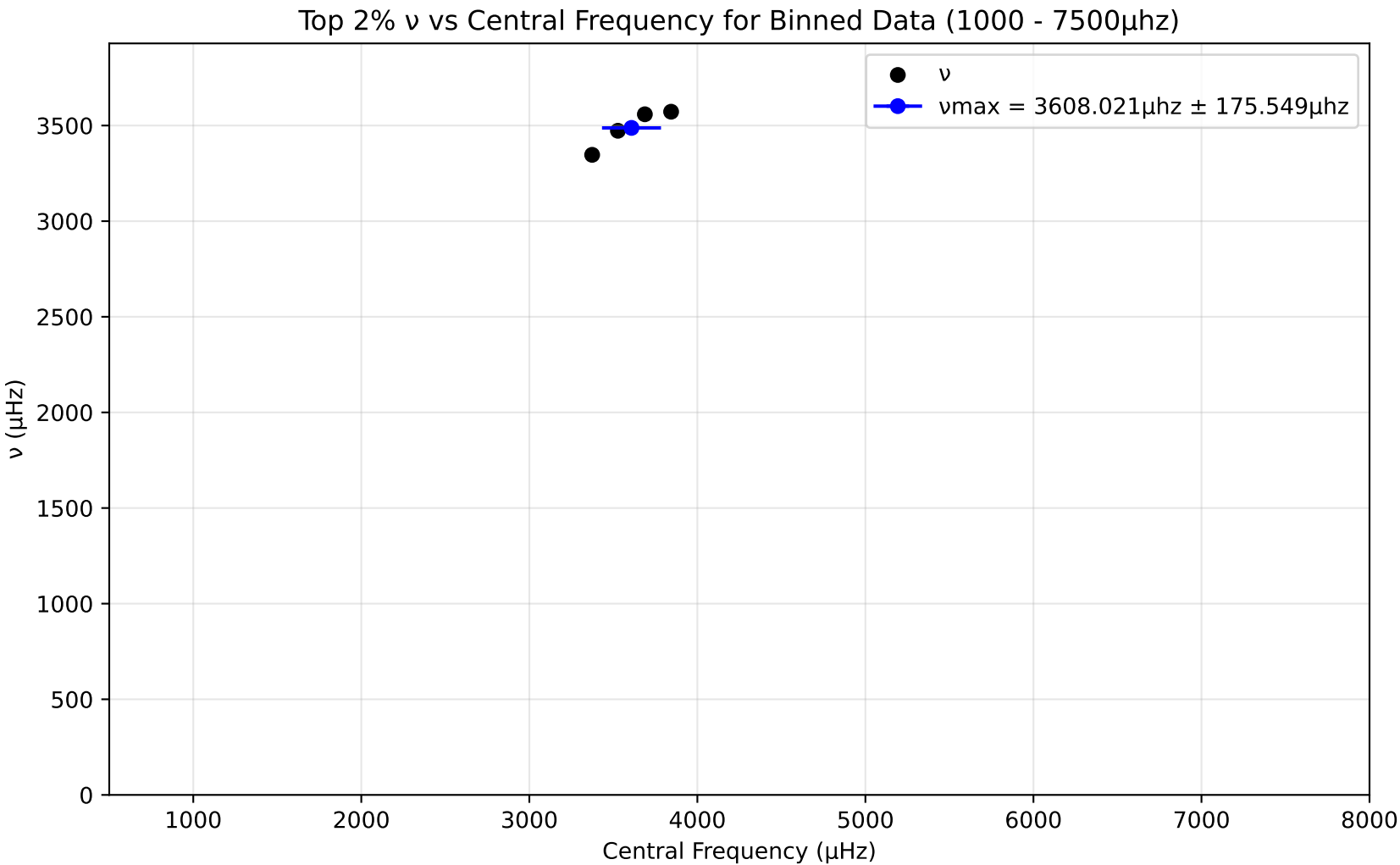

SNR vs Central Frequency for spectrum_22_cams24_vmag10.44.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

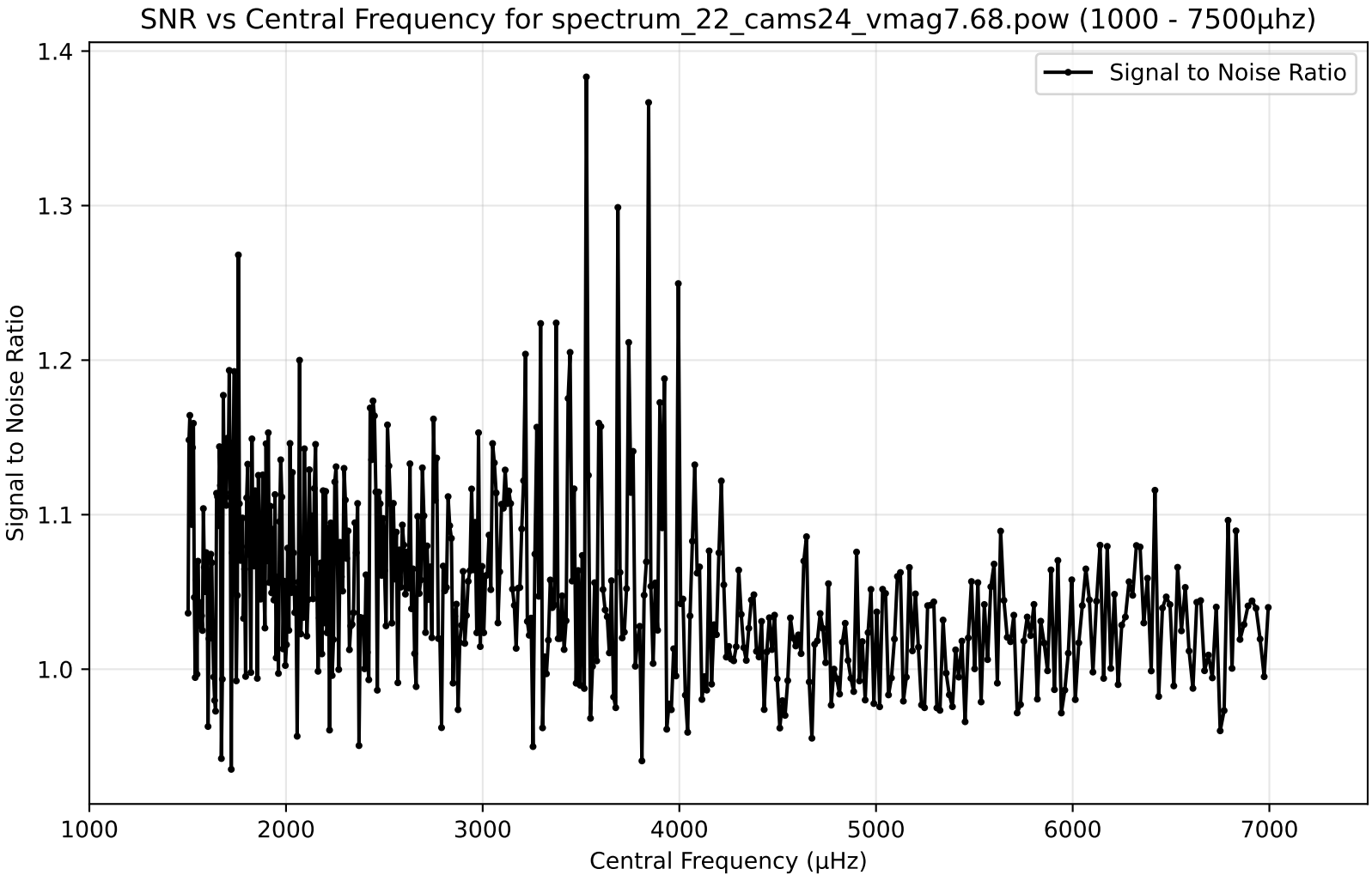

SNR variation for top n% of data for spectrum_22_cams24_vmag10.44.pow. Drowned by noise at 5.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

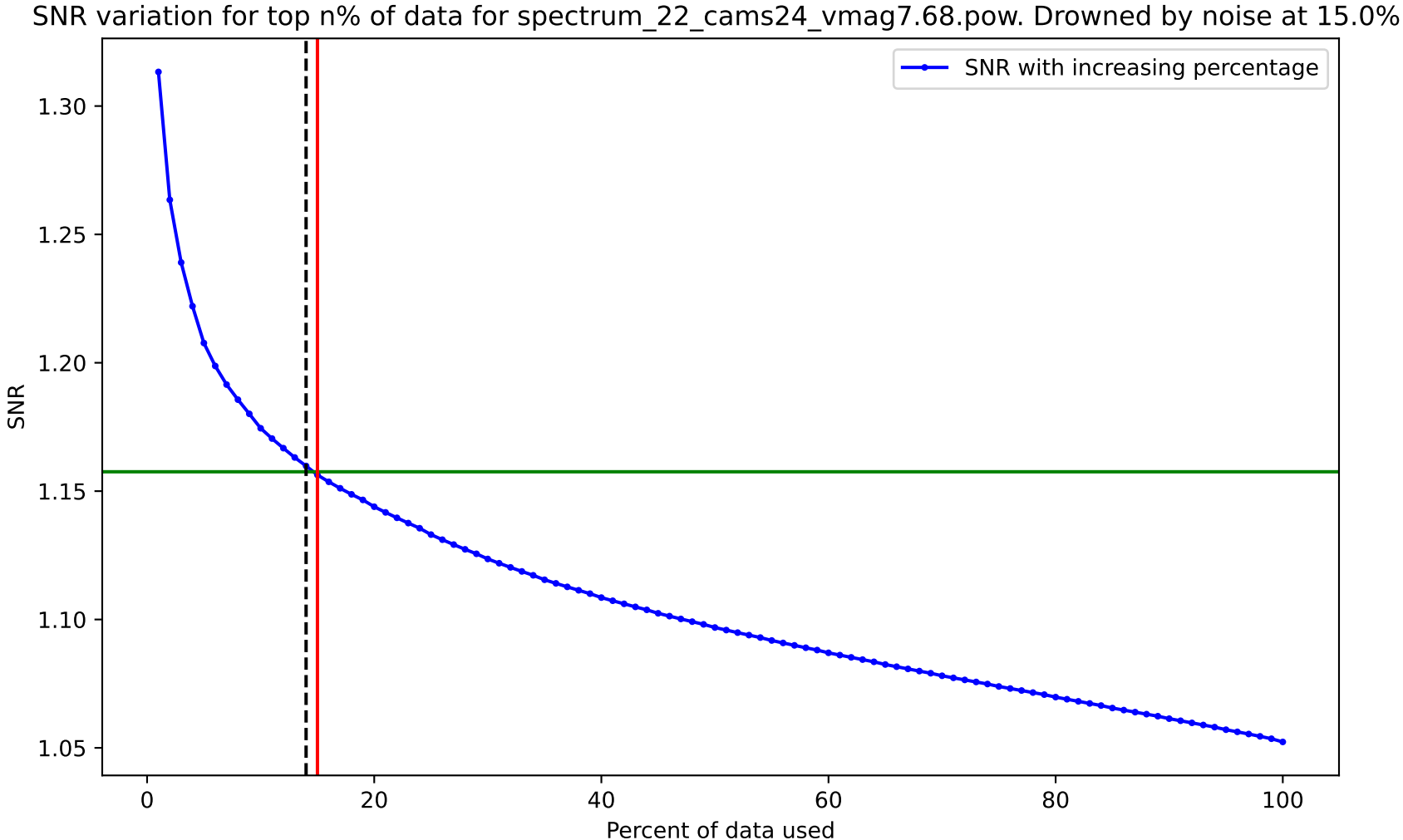

SNR vs Central Frequency for spectrum_22_cams24_vmag7.66.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

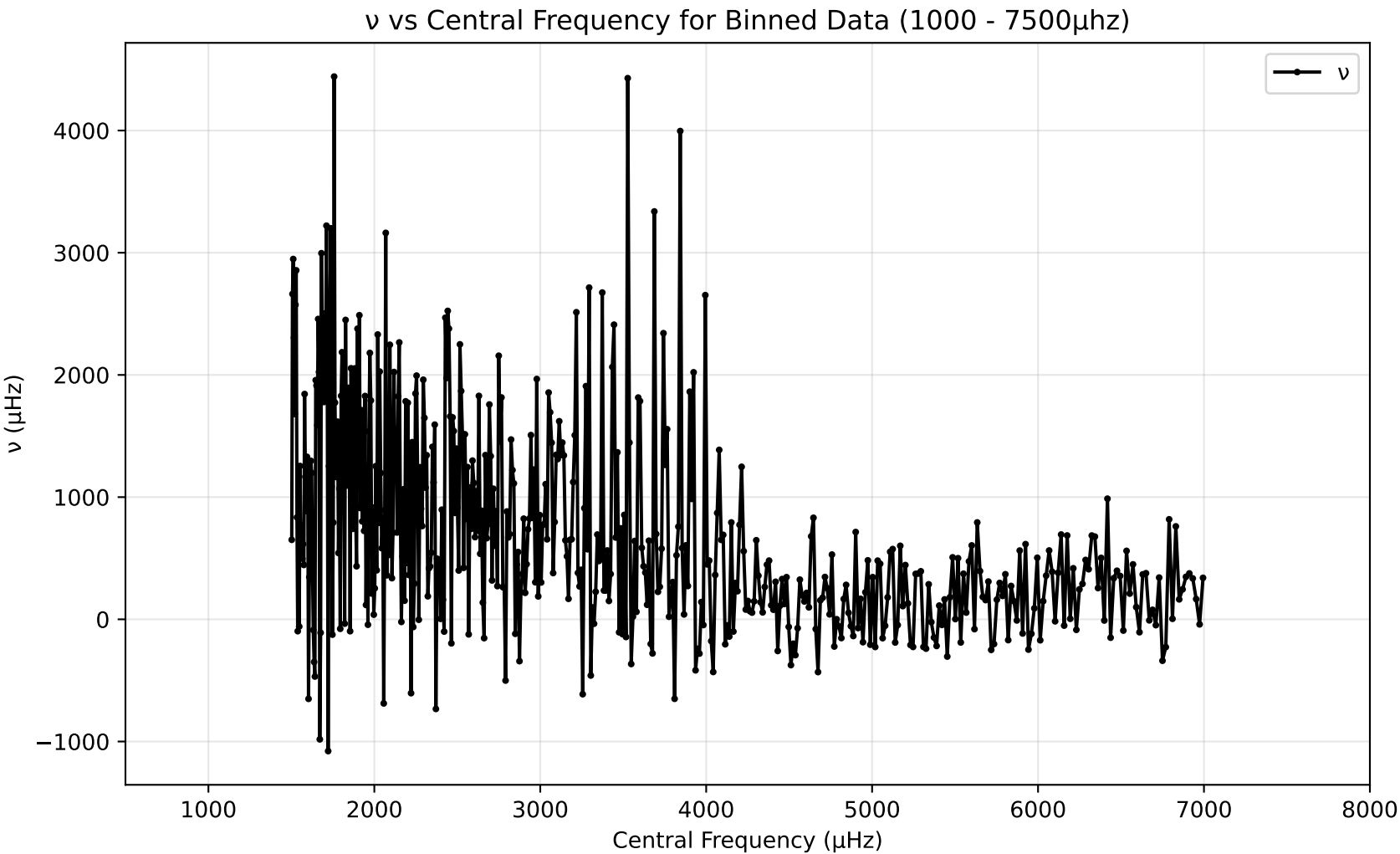

SNR variation for top n% of data for spectrum_22_cams24_vmag7.66.pow. Drowned by noise at 16.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

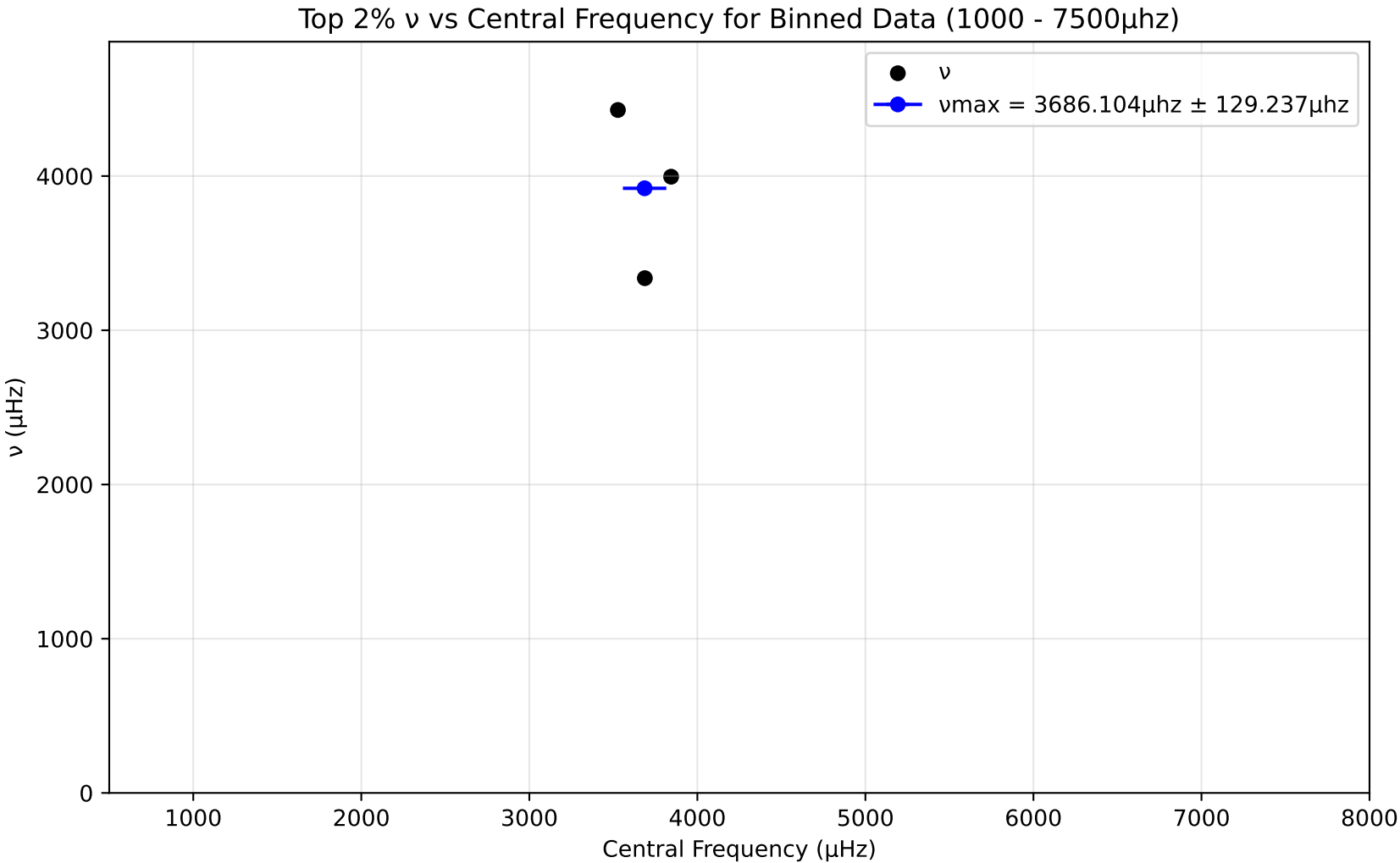

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

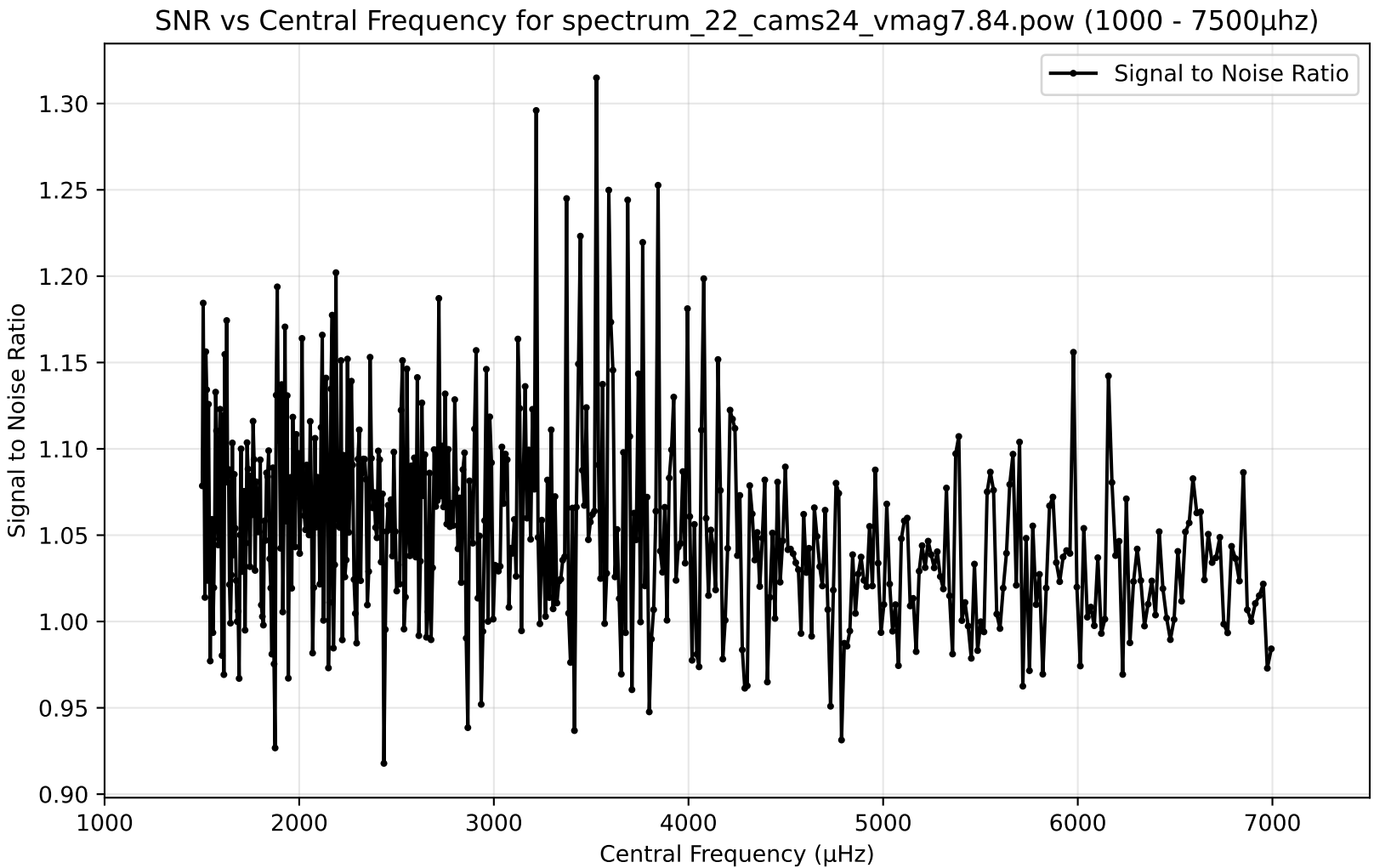

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3608.021μhz ± 175.549μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
1000
2000
3000
4000
5000
6000
7000
8000

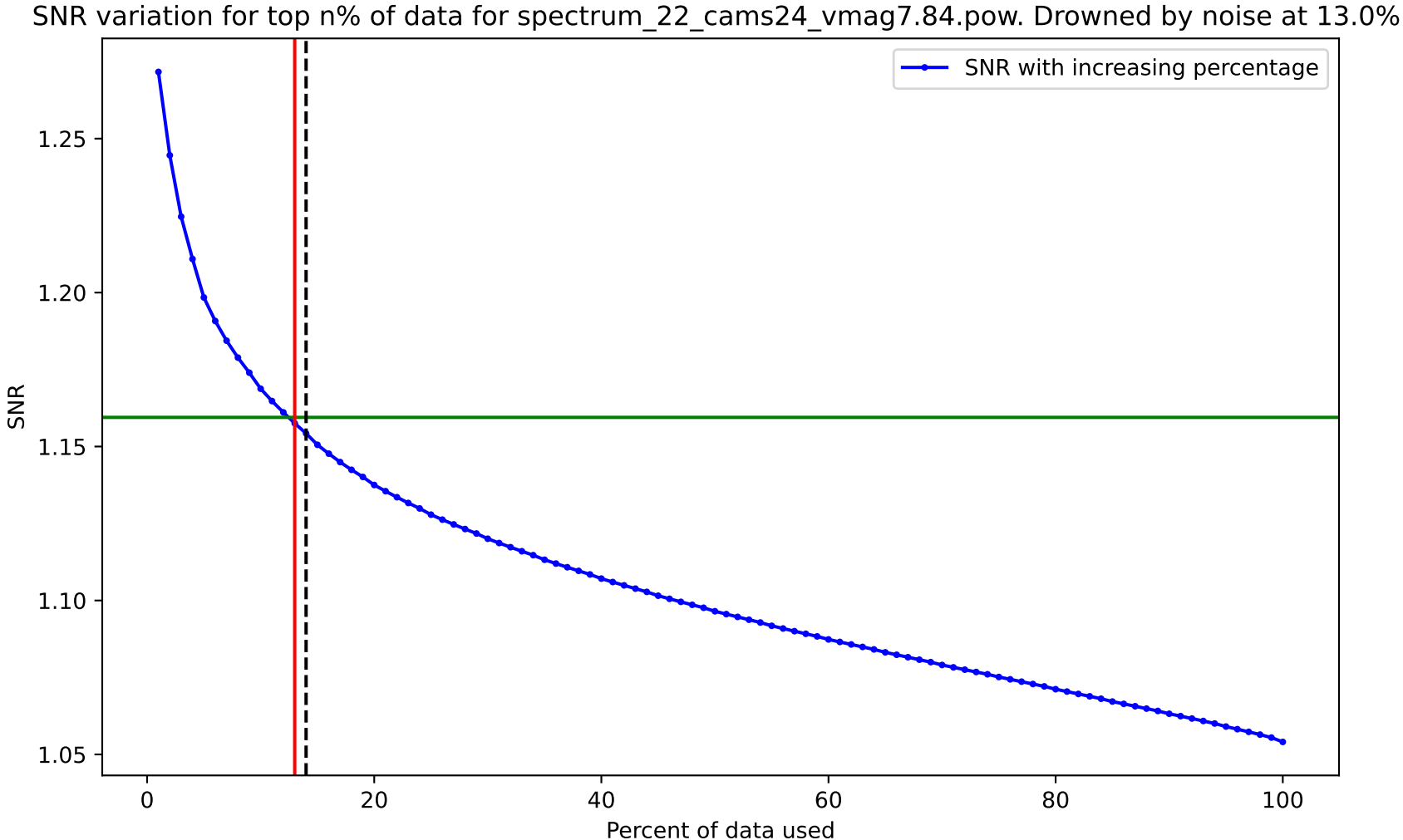

SNR vs Central Frequency for spectrum_22_cams24_vmag7.68.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.4
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000

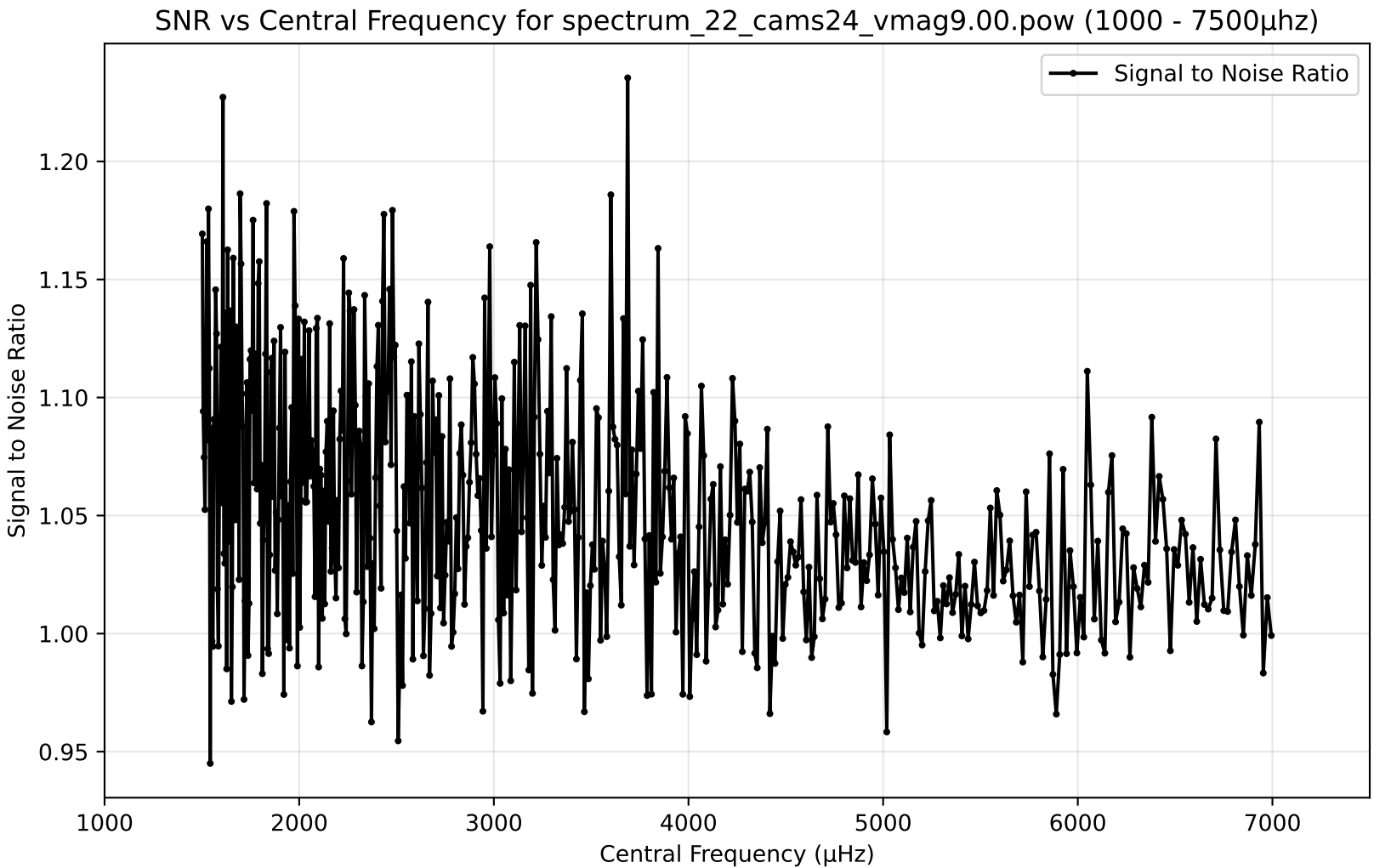

SNR variation for top n% of data for spectrum_22_cams24_vmag7.68.pow. Drowned by noise at 15.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

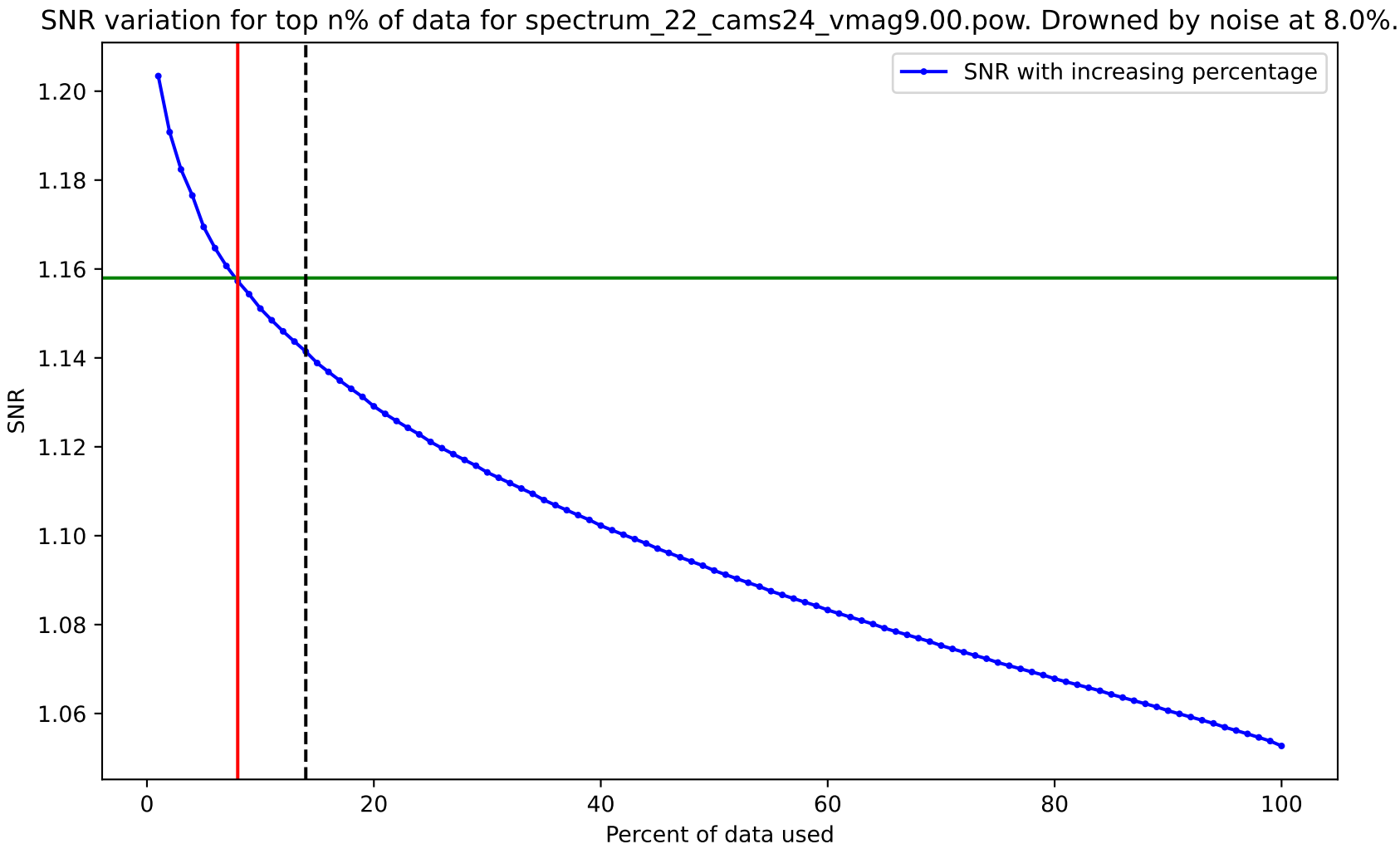

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

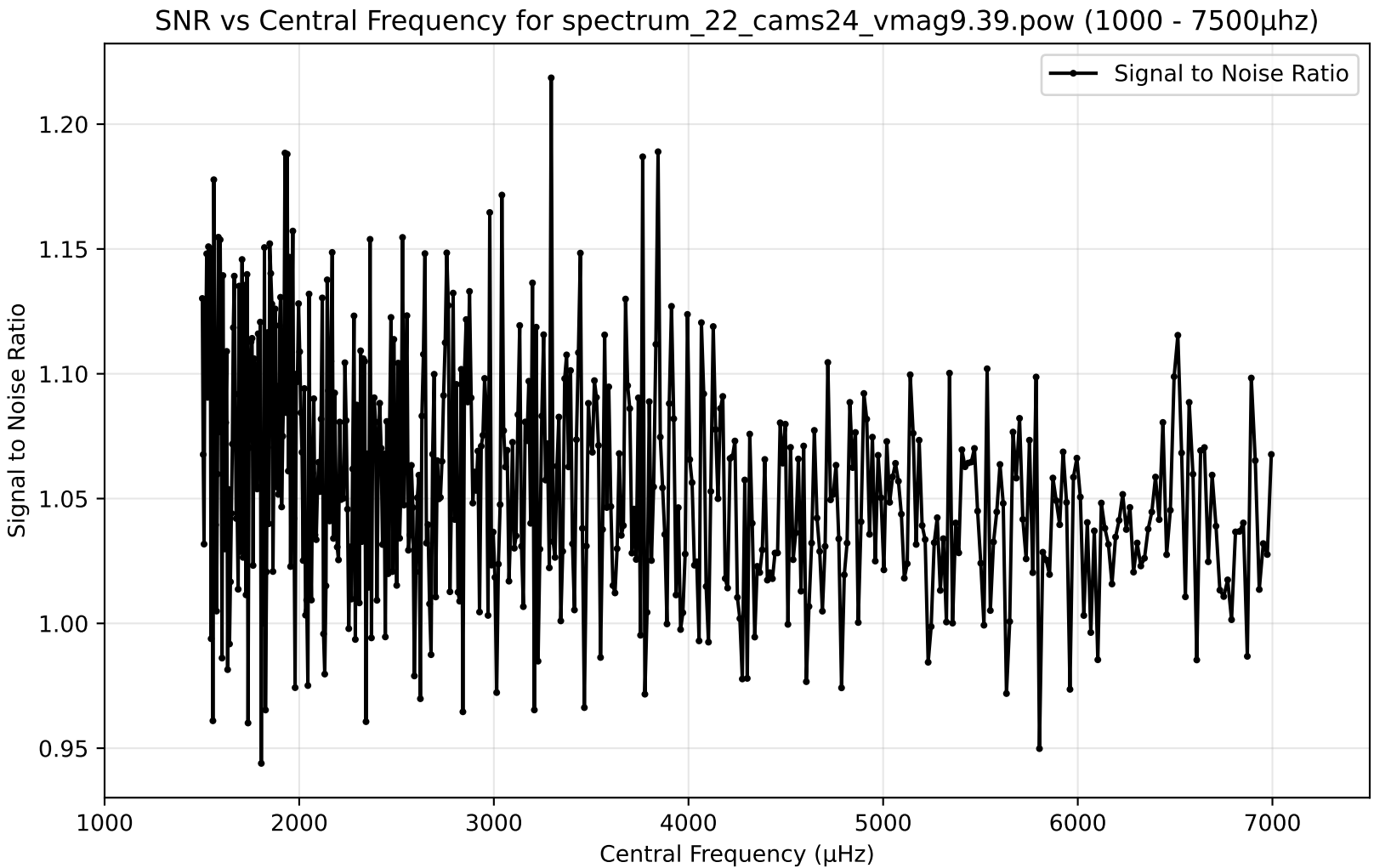

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3686.104μhz ± 129.237μhz
ν (μHz)
0
1000
2000
3000
4000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

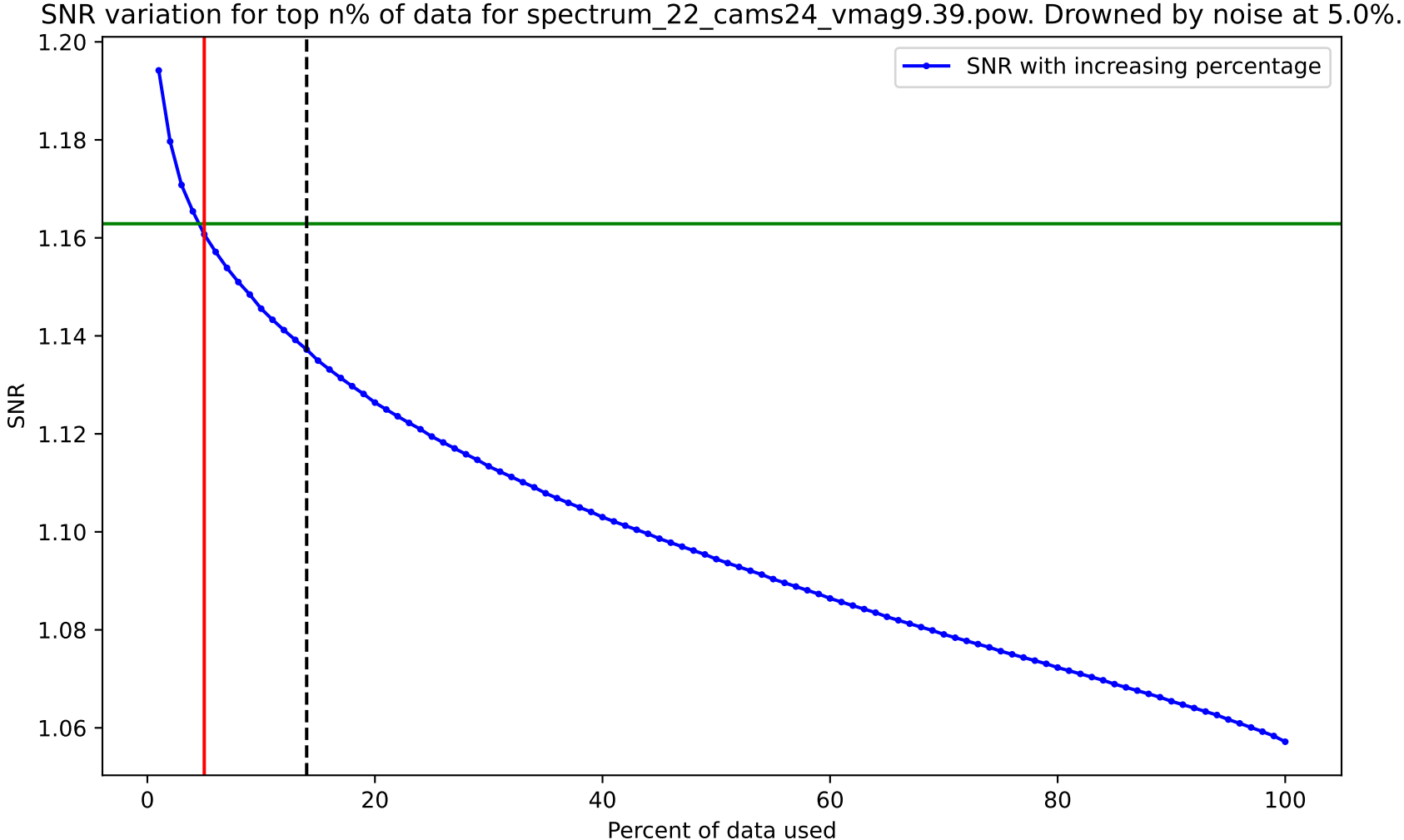

SNR vs Central Frequency for spectrum_22_cams24_vmag7.84.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

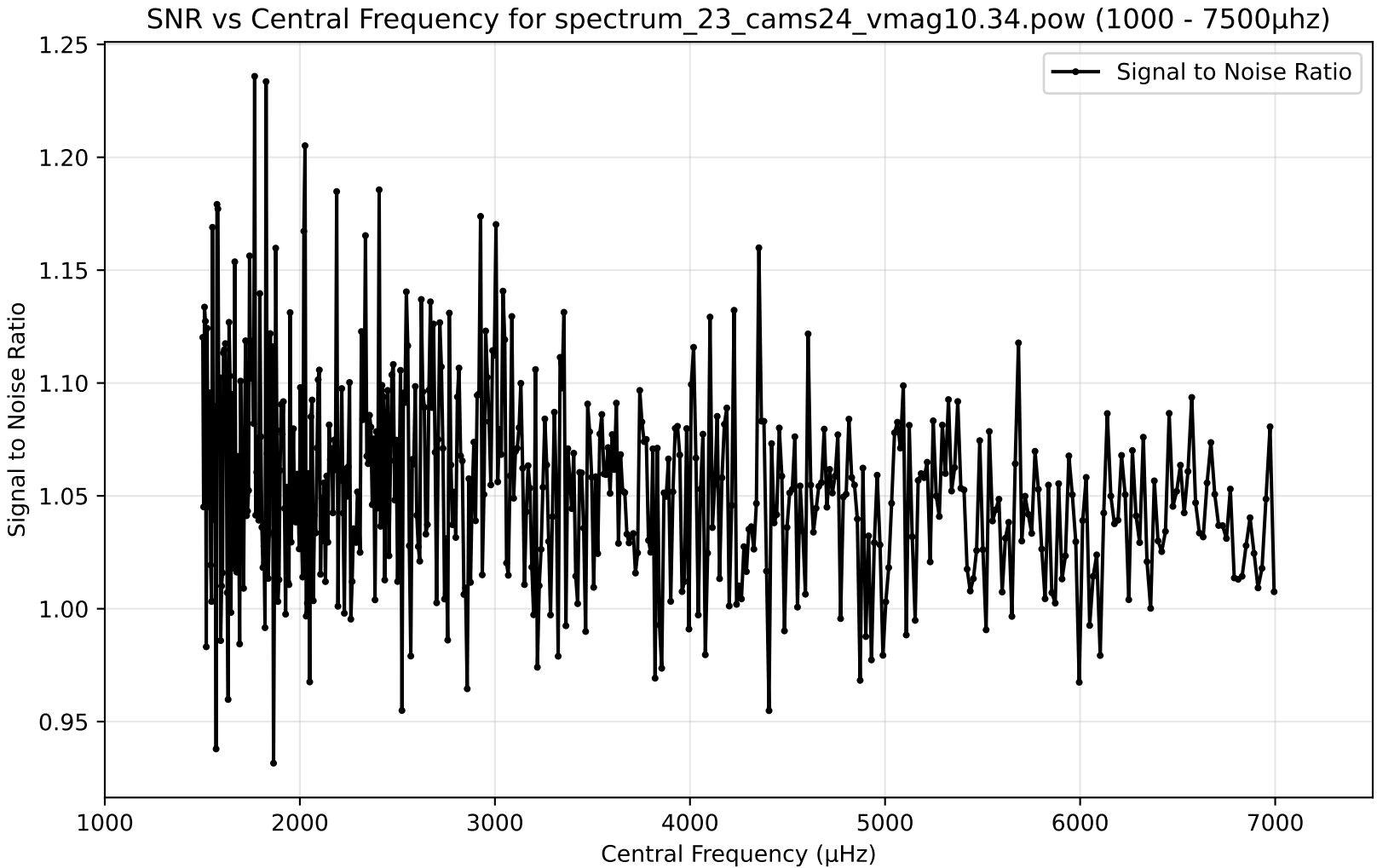

SNR variation for top n% of data for spectrum_22_cams24_vmag7.84.pow. Drowned by noise at 13.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

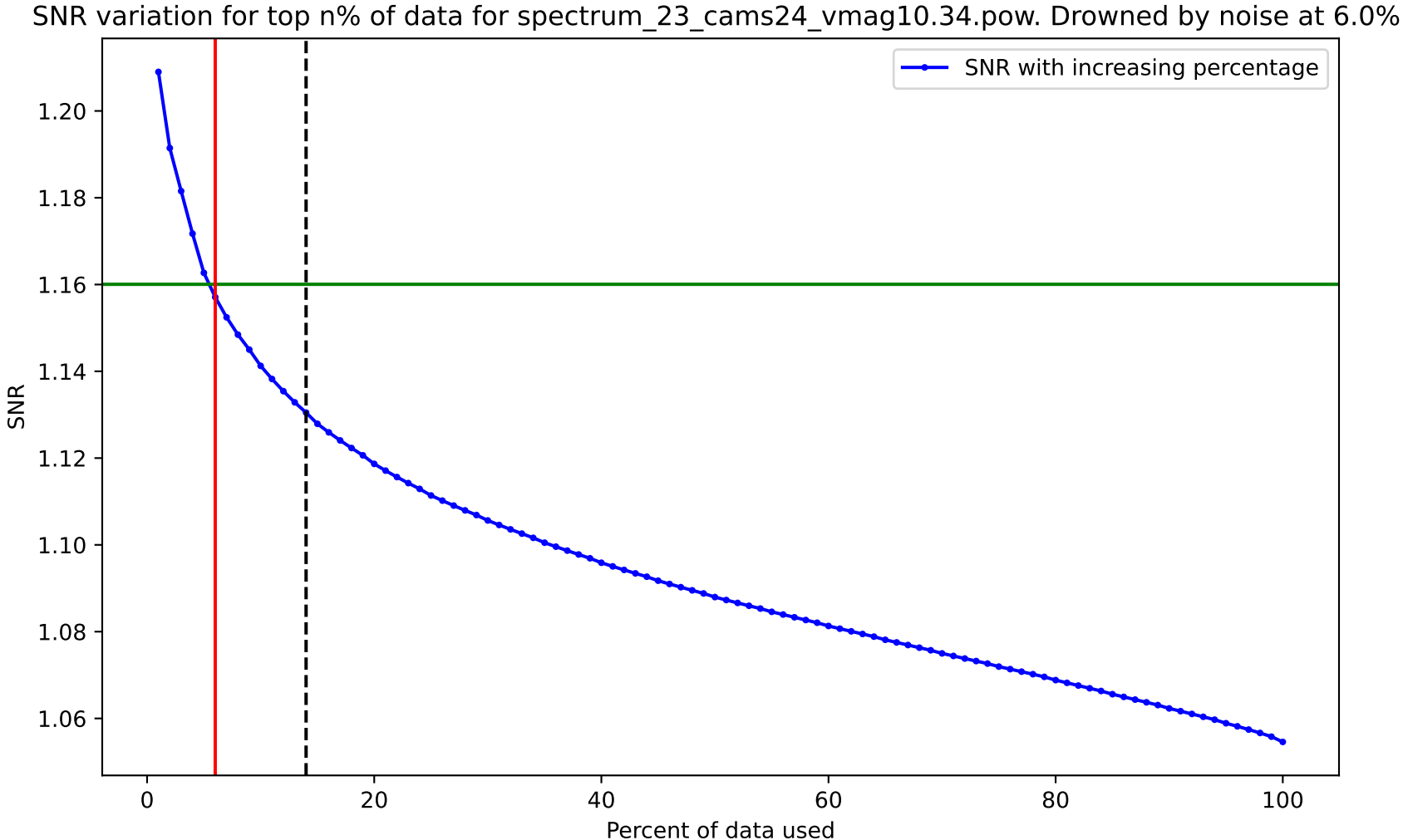

SNR vs Central Frequency for spectrum_22_cams24_vmag9.00.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

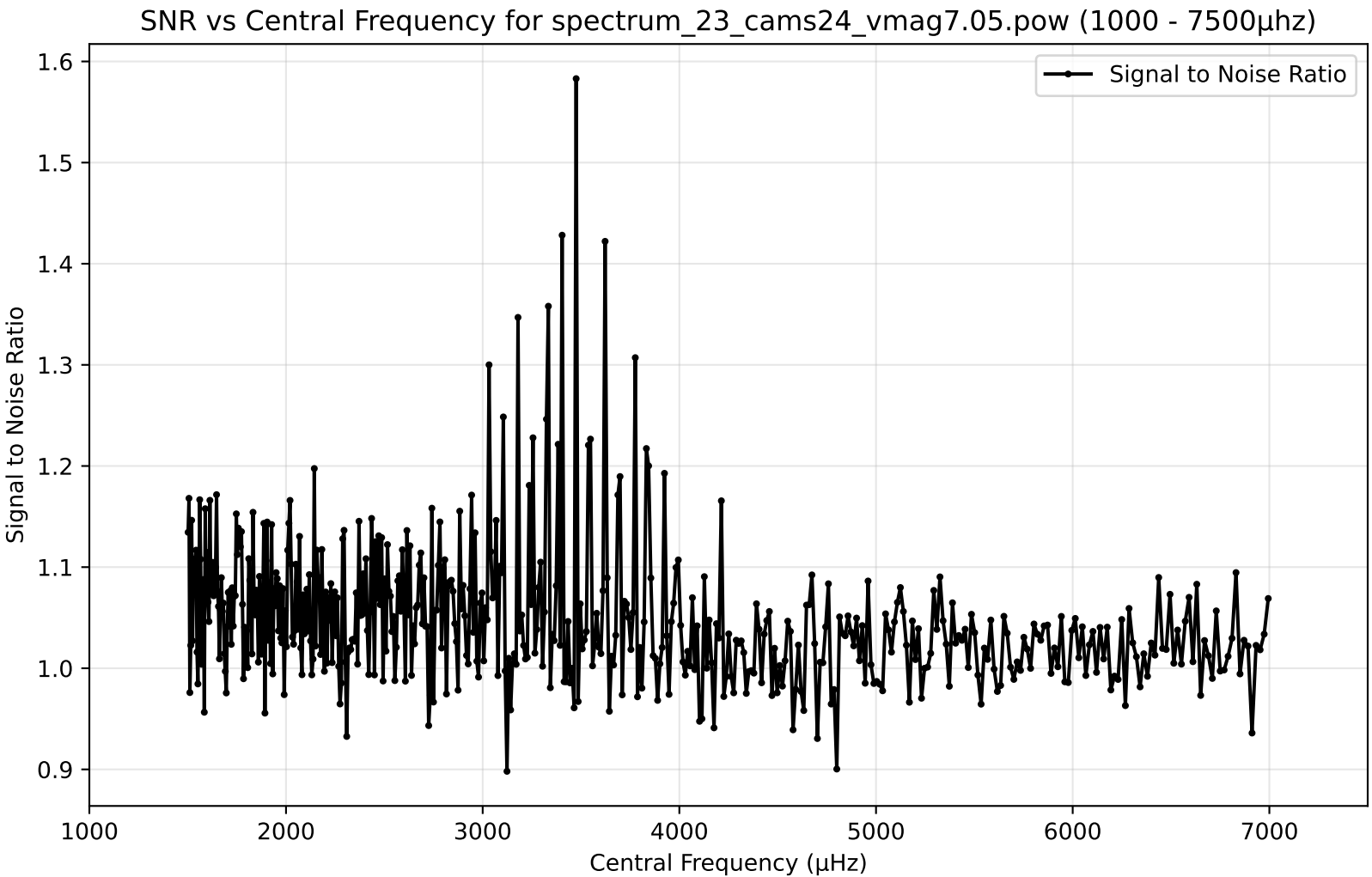

SNR variation for top n% of data for spectrum_22_cams24_vmag9.00.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

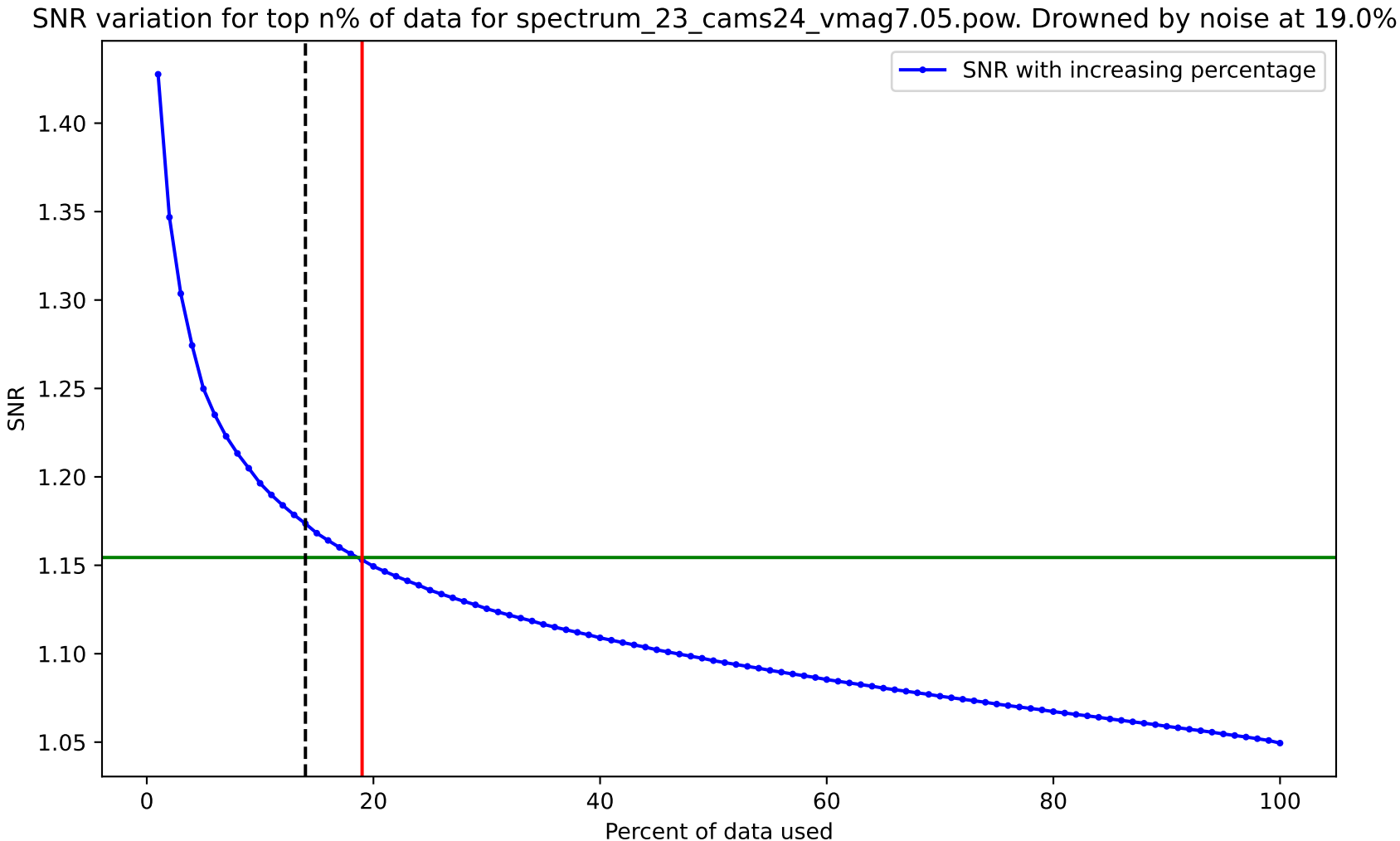

SNR vs Central Frequency for spectrum_22_cams24_vmag9.39.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

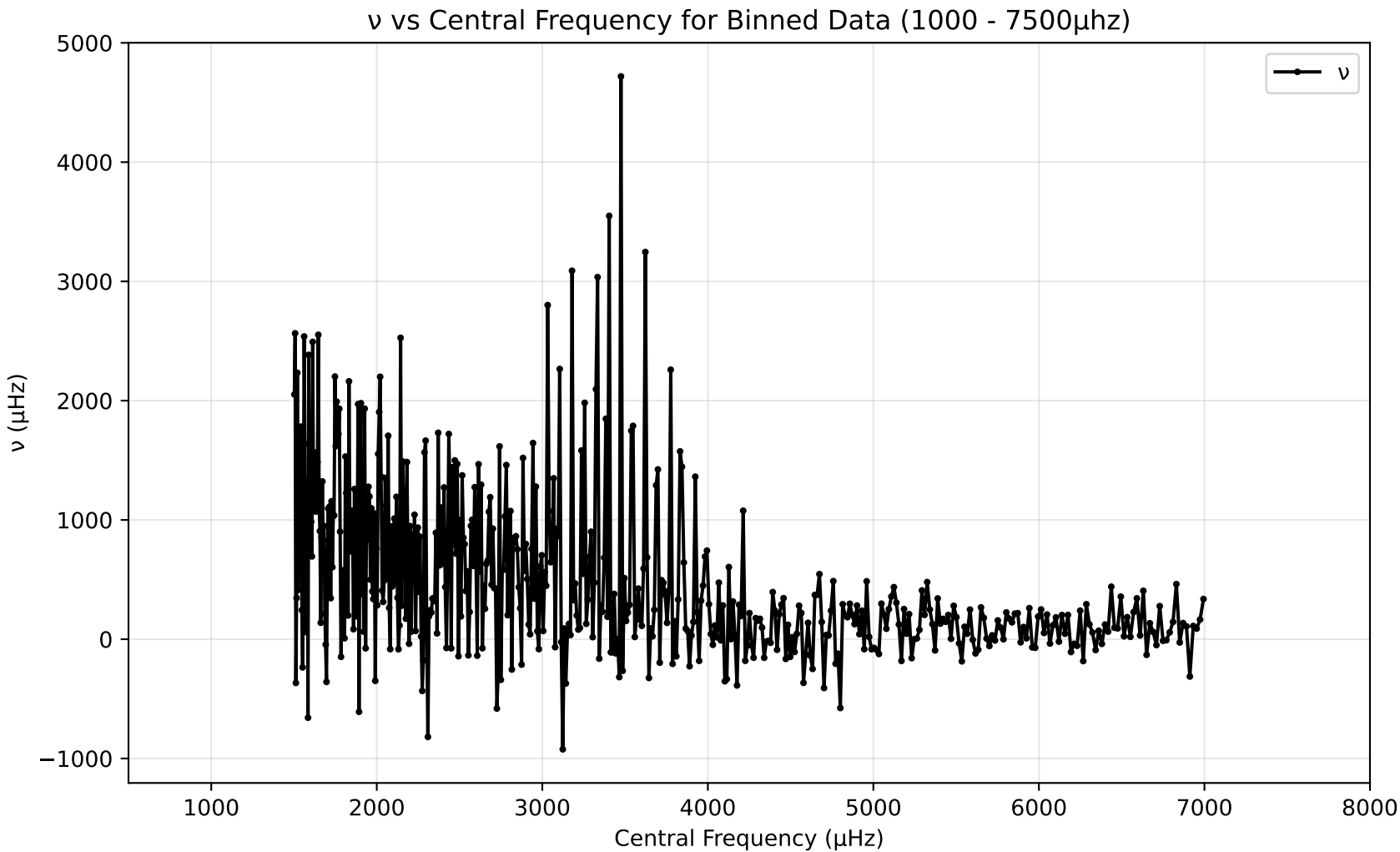

SNR variation for top n% of data for spectrum_22_cams24_vmag9.39.pow. Drowned by noise at 5.0%.
SNR with increasing percentage
SNR
Percent of data used
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100

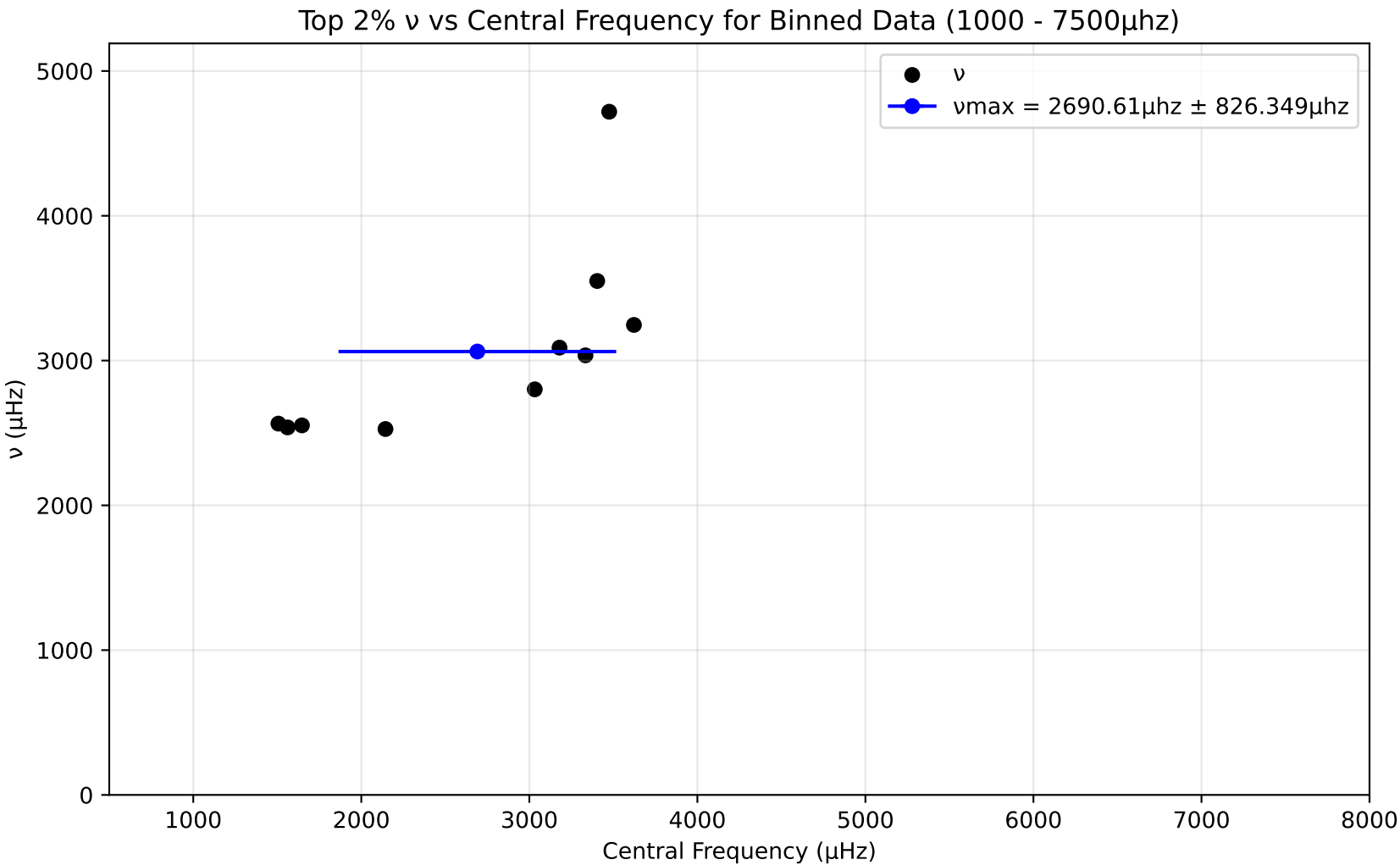

SNR vs Central Frequency for spectrum_23_cams24_vmag10.34.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

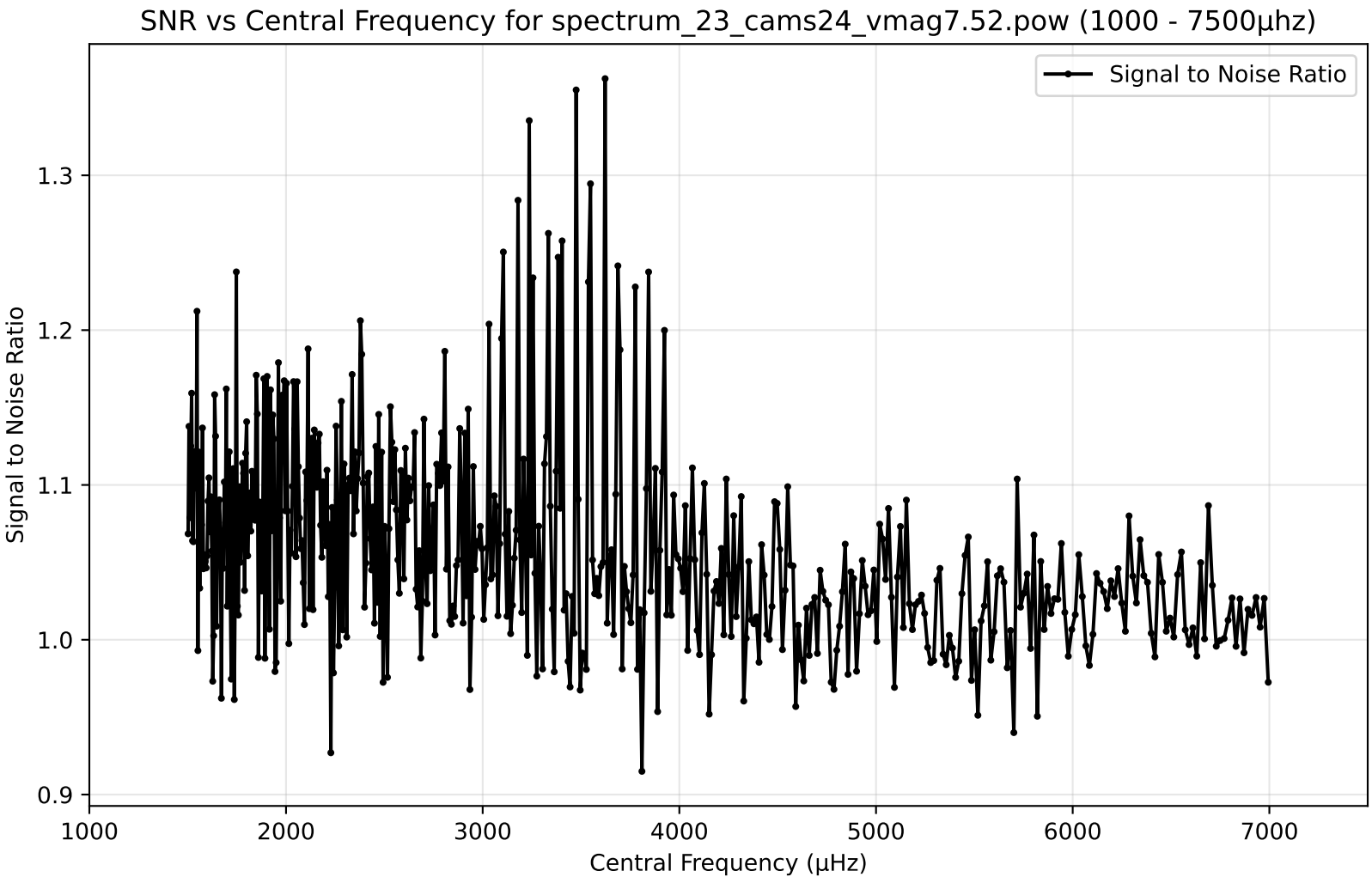

SNR variation for top n% of data for spectrum_23_cams24_vmag10.34.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

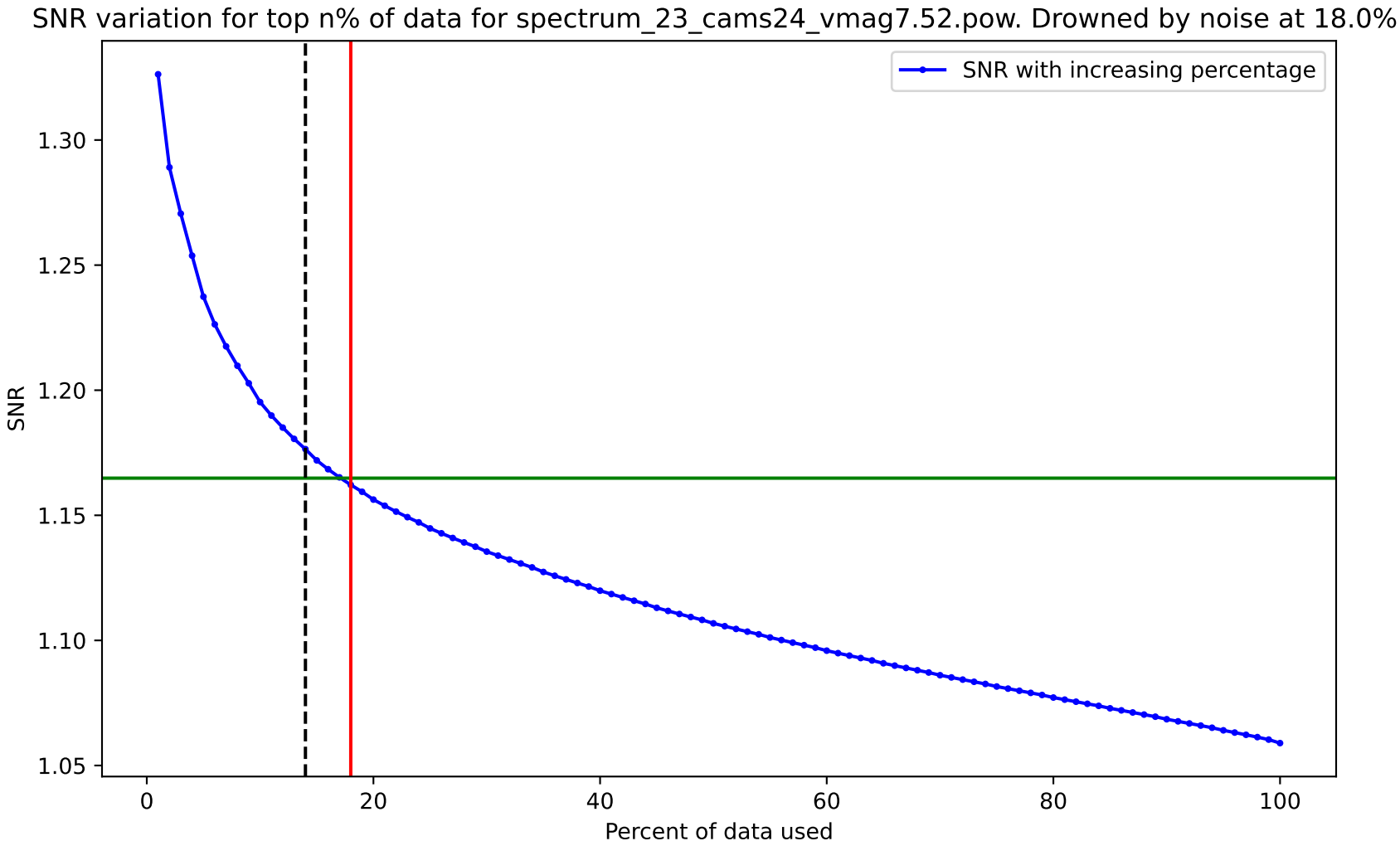

SNR vs Central Frequency for spectrum_23_cams24_vmag7.05.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

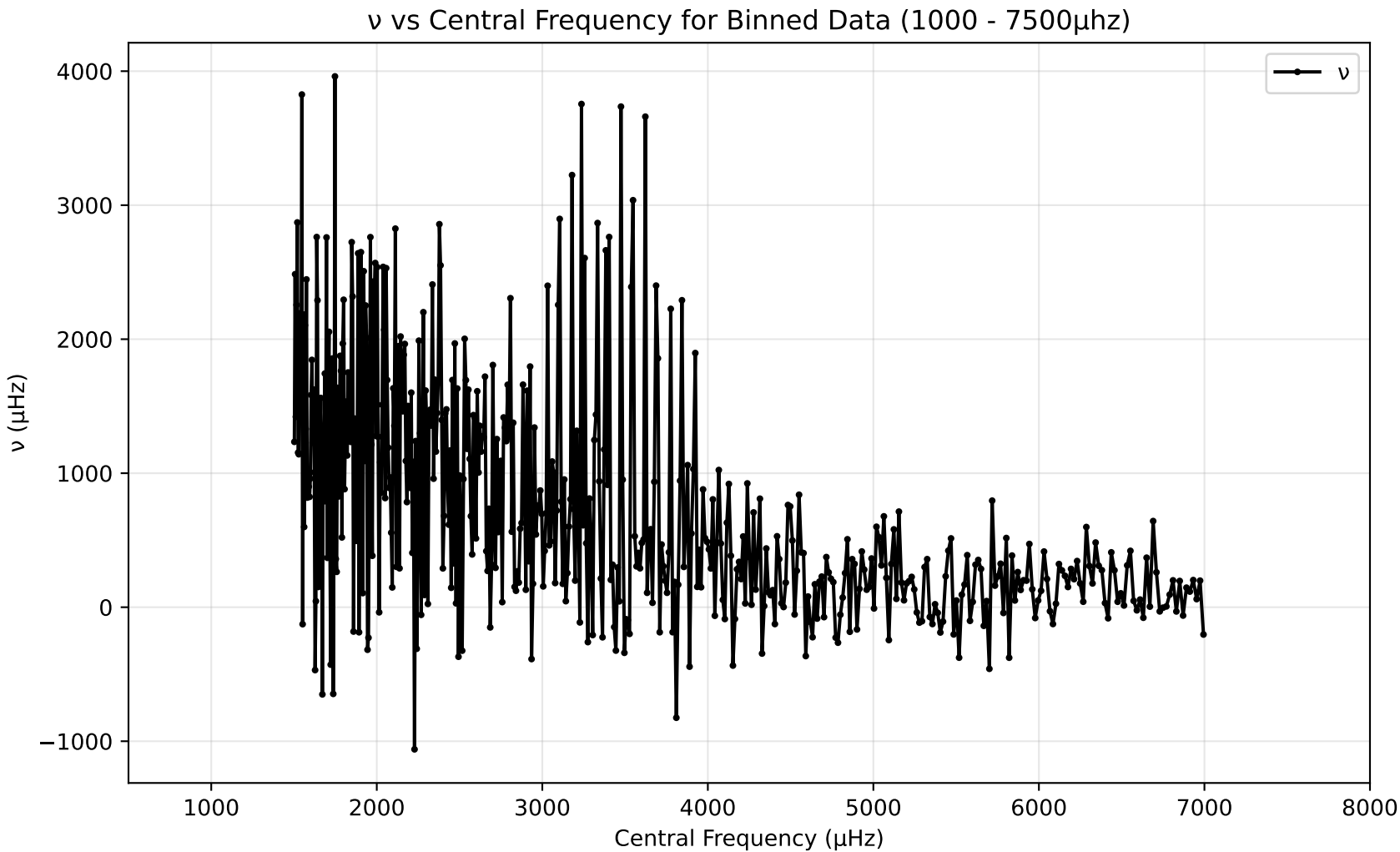

SNR variation for top n% of data for spectrum_23_cams24_vmag7.05.pow. Drowned by noise at 19.0%.
SNR with increasing percentage
SNR
1.40
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

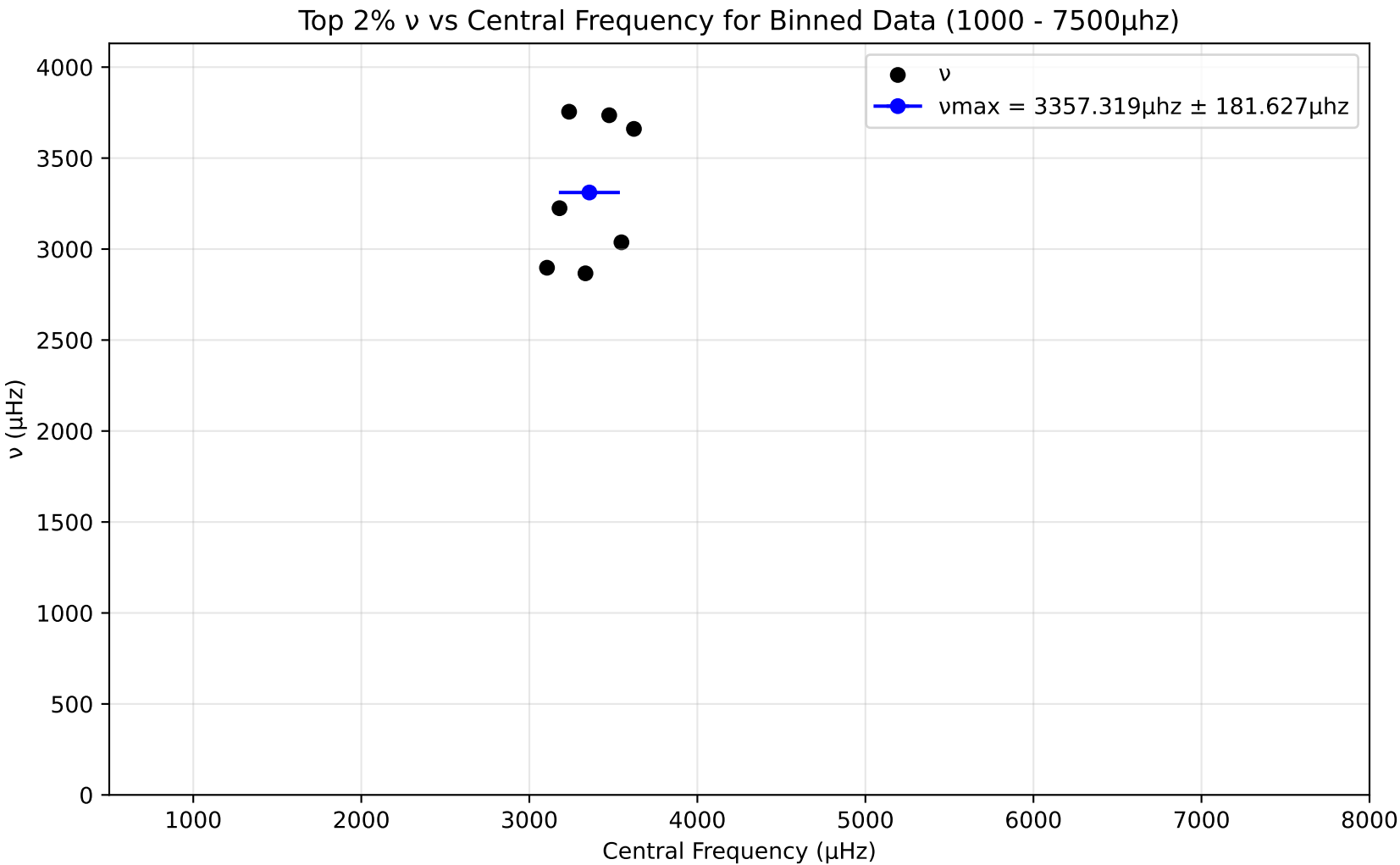

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

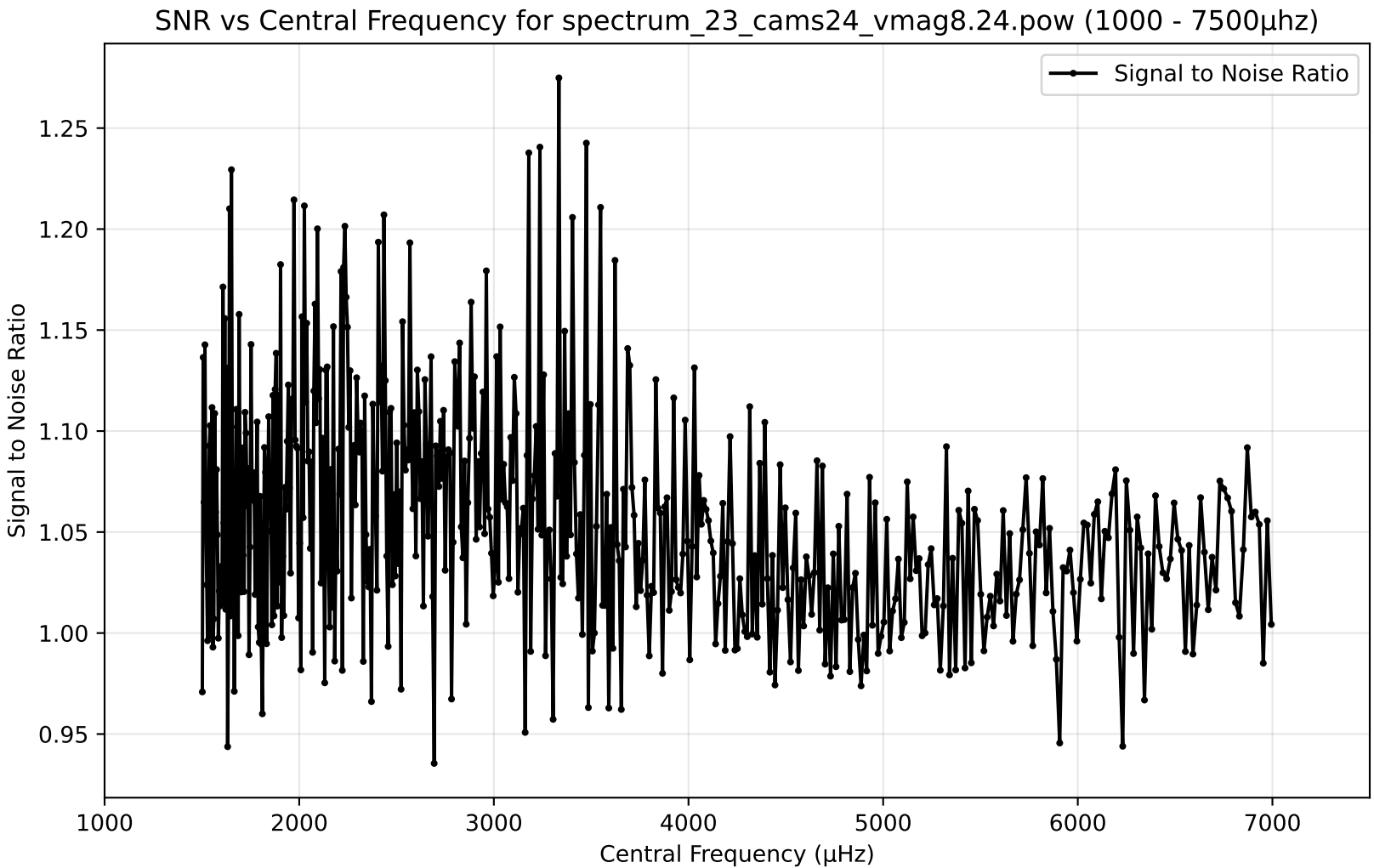

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2690.61μhz ± 826.349μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

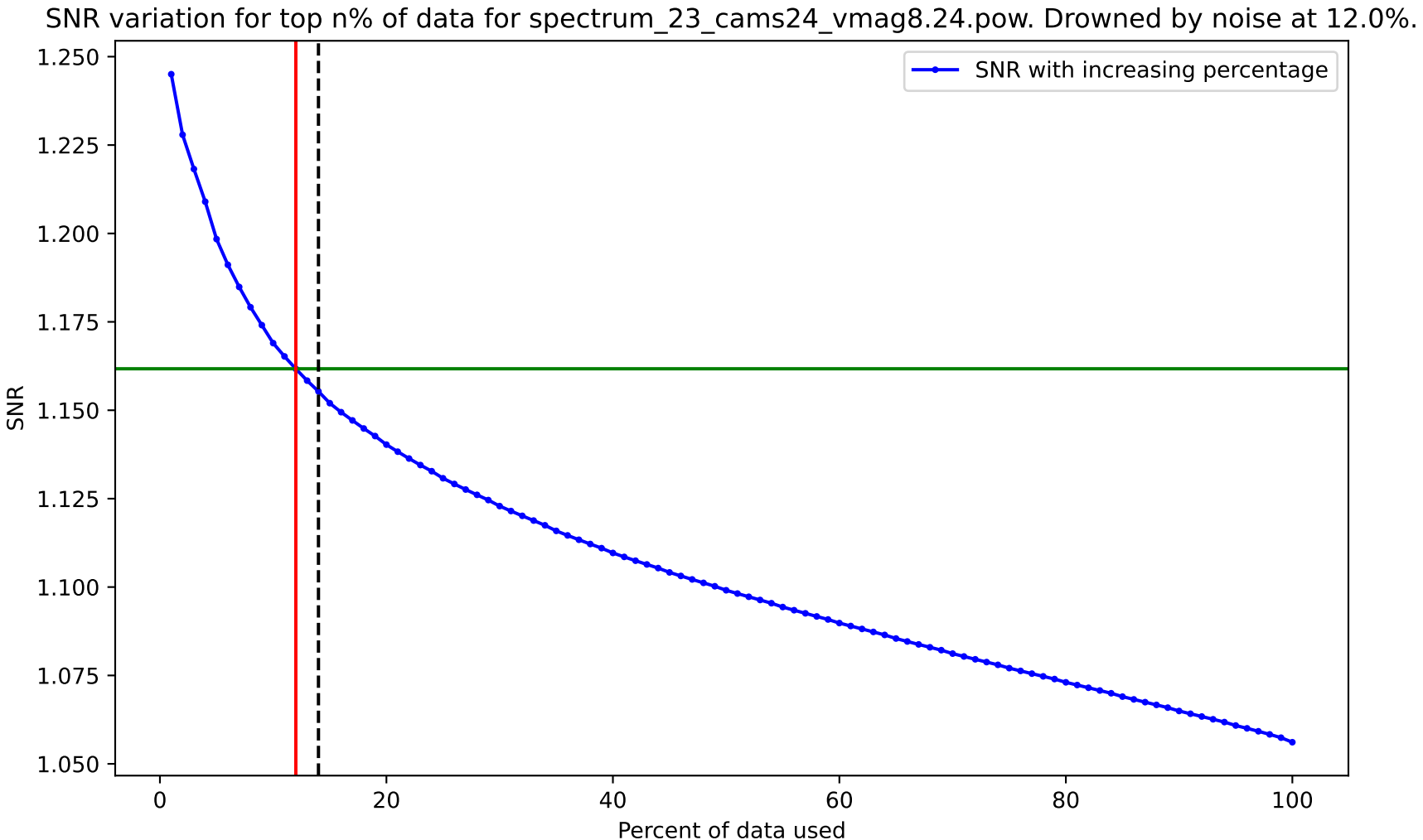

SNR vs Central Frequency for spectrum_23_cams24_vmag7.52.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
0.9
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000

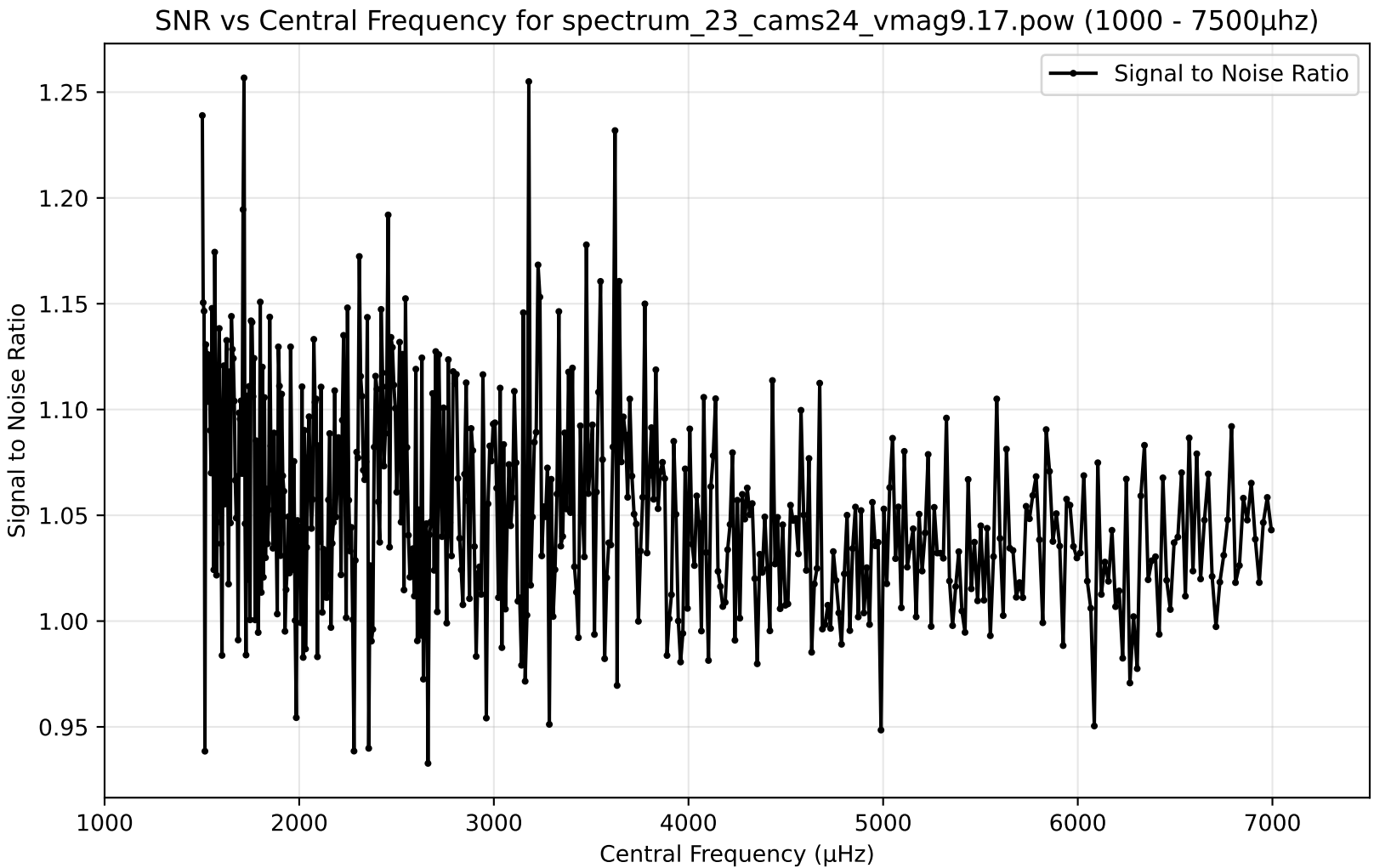

SNR variation for top n% of data for spectrum_23_cams24_vmag7.52.pow. Drowned by noise at 18.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

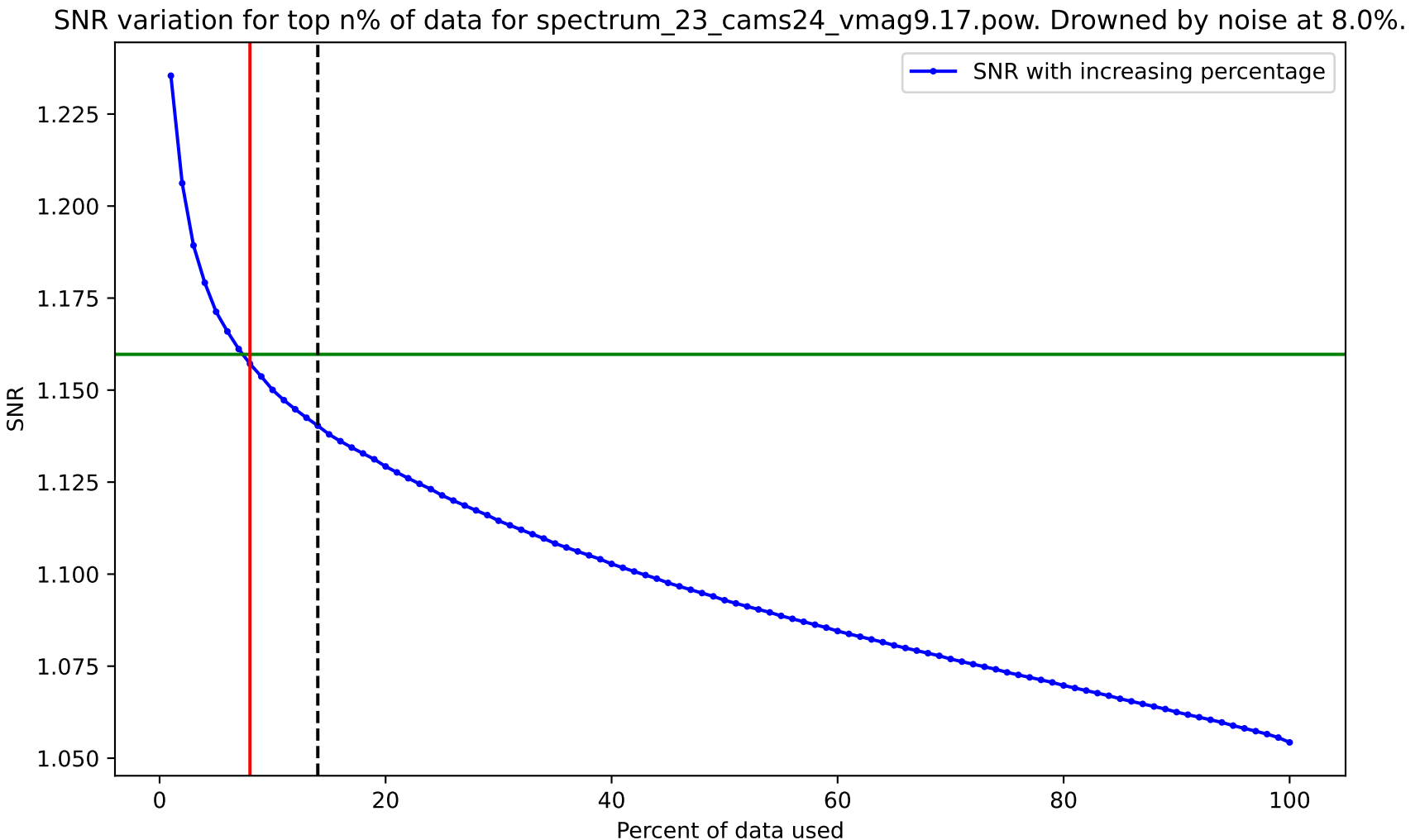

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

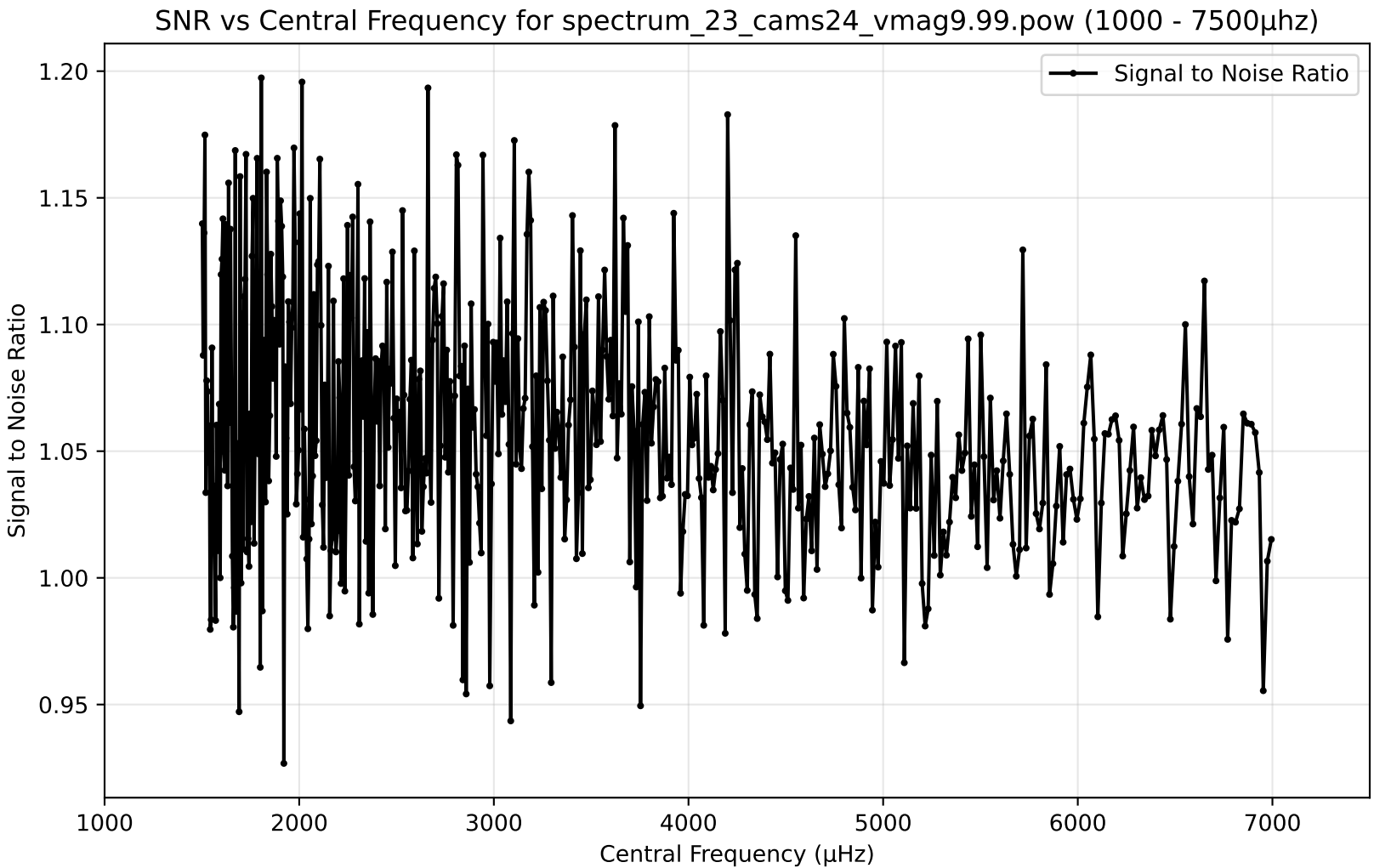

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3357.319μhz ± 181.627μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
4000
1000
2000
3000
4000
5000
6000
7000
8000

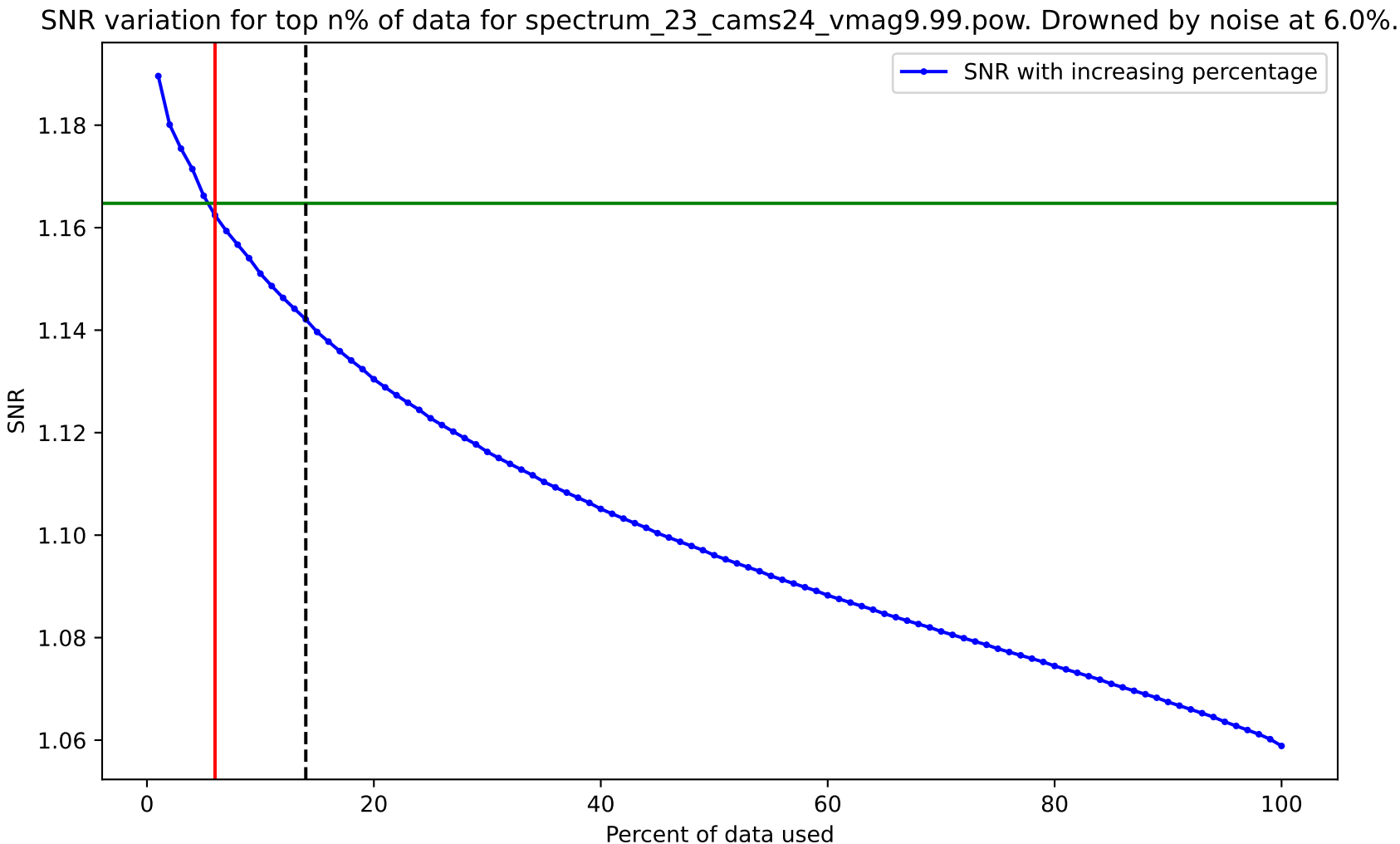

SNR vs Central Frequency for spectrum_23_cams24_vmag8.24.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

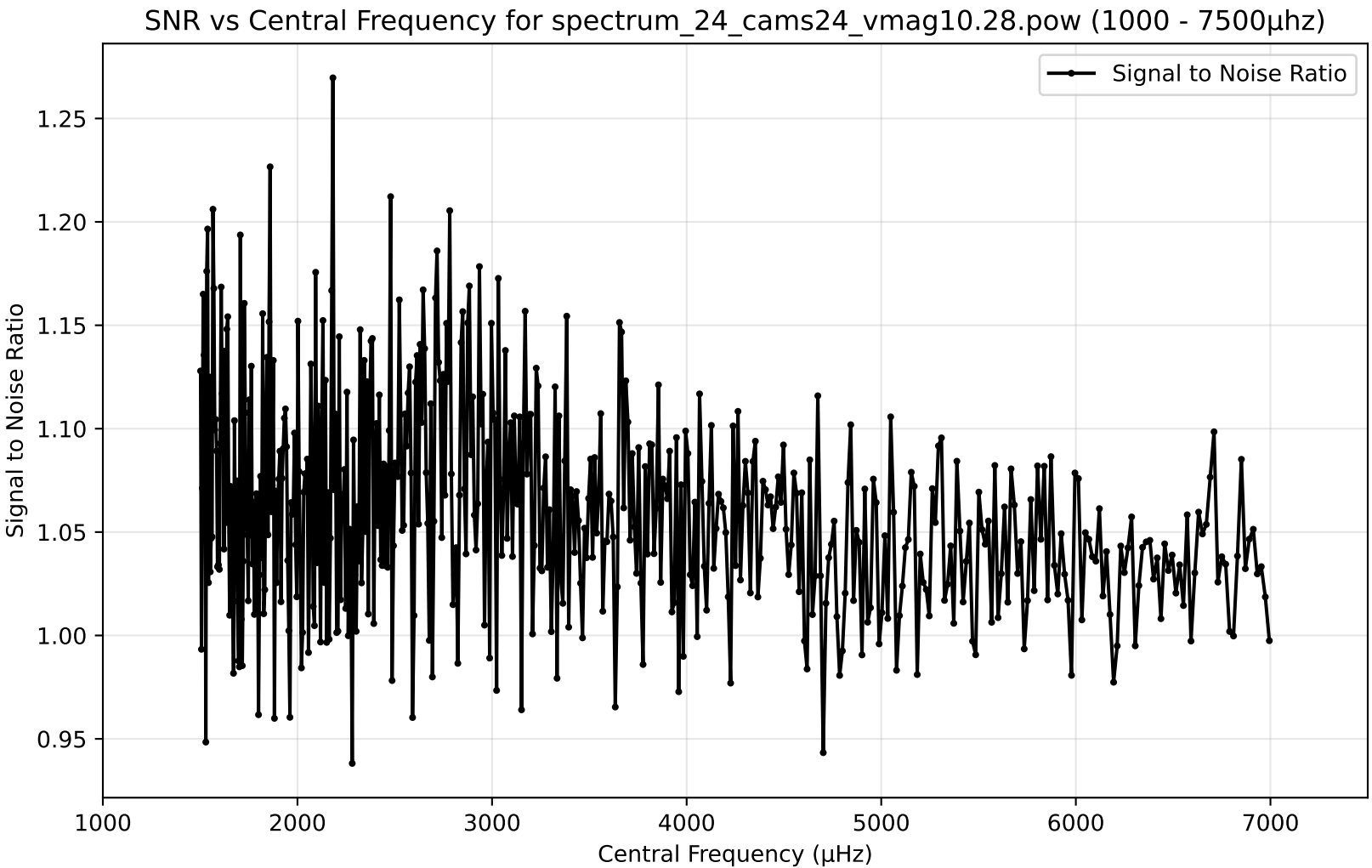

SNR variation for top n% of data for spectrum_23_cams24_vmag8.24.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
Percent of data used
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

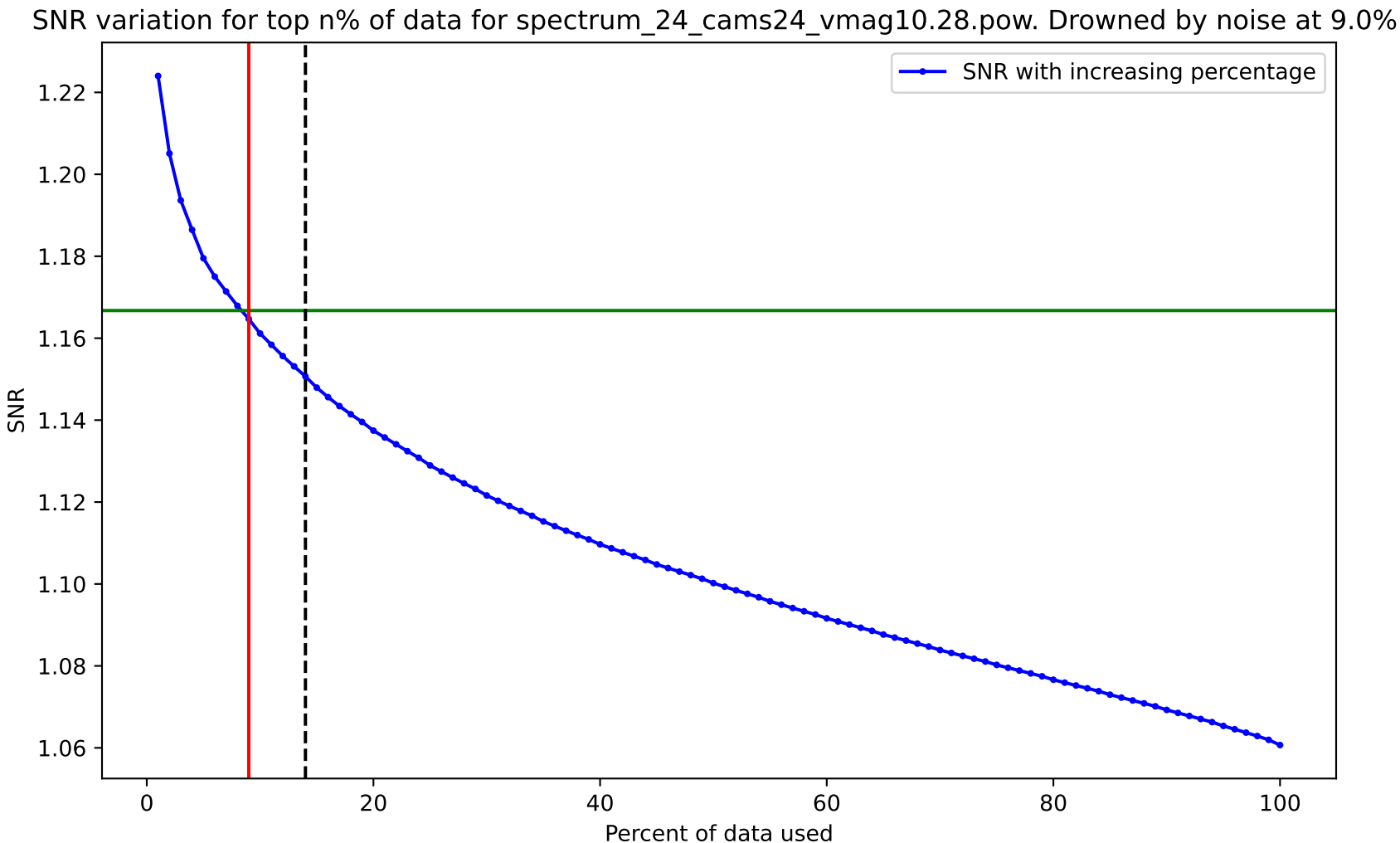

SNR vs Central Frequency for spectrum_23_cams24_vmag9.17.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

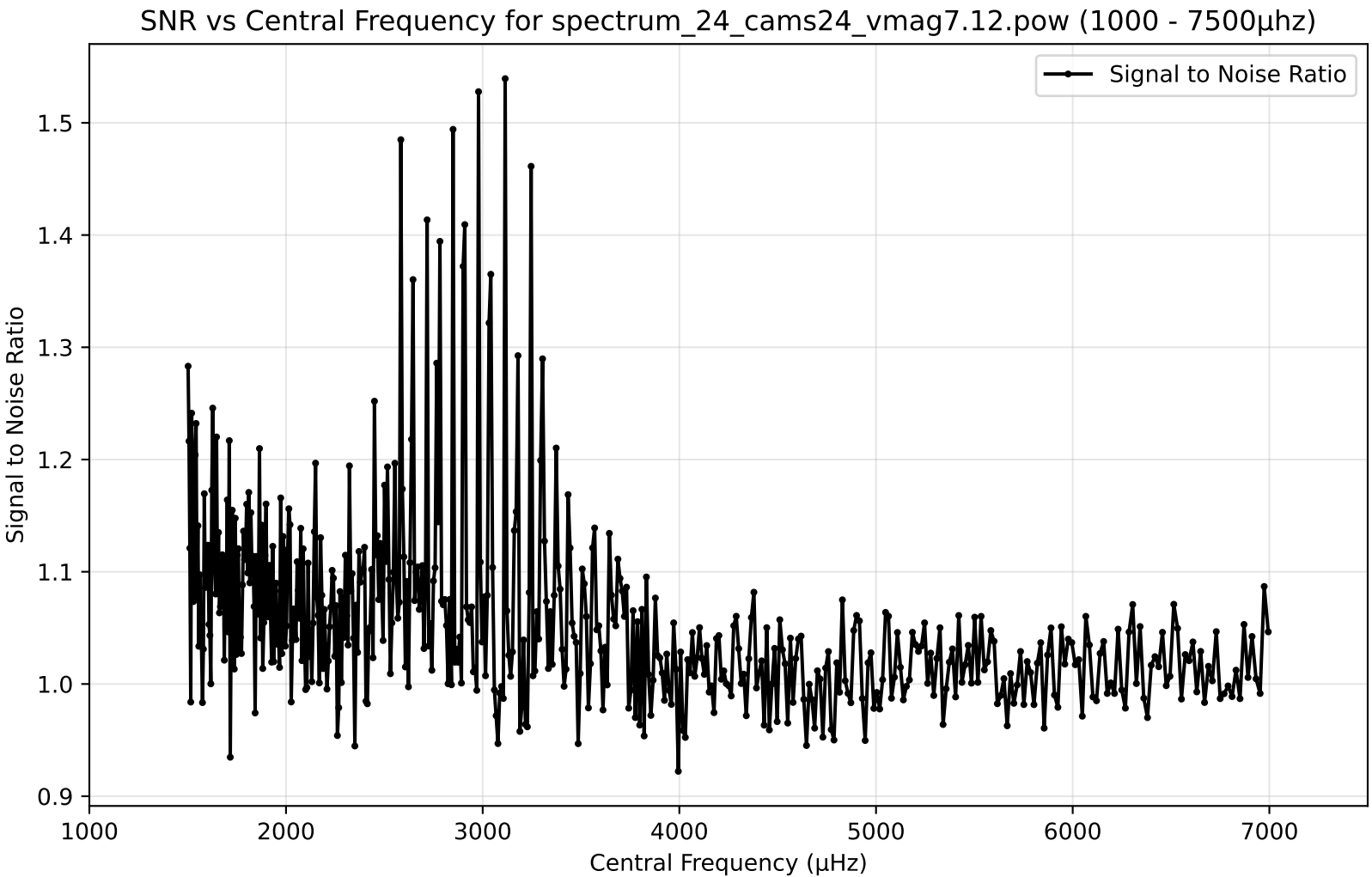

SNR variation for top n% of data for spectrum_23_cams24_vmag9.17.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

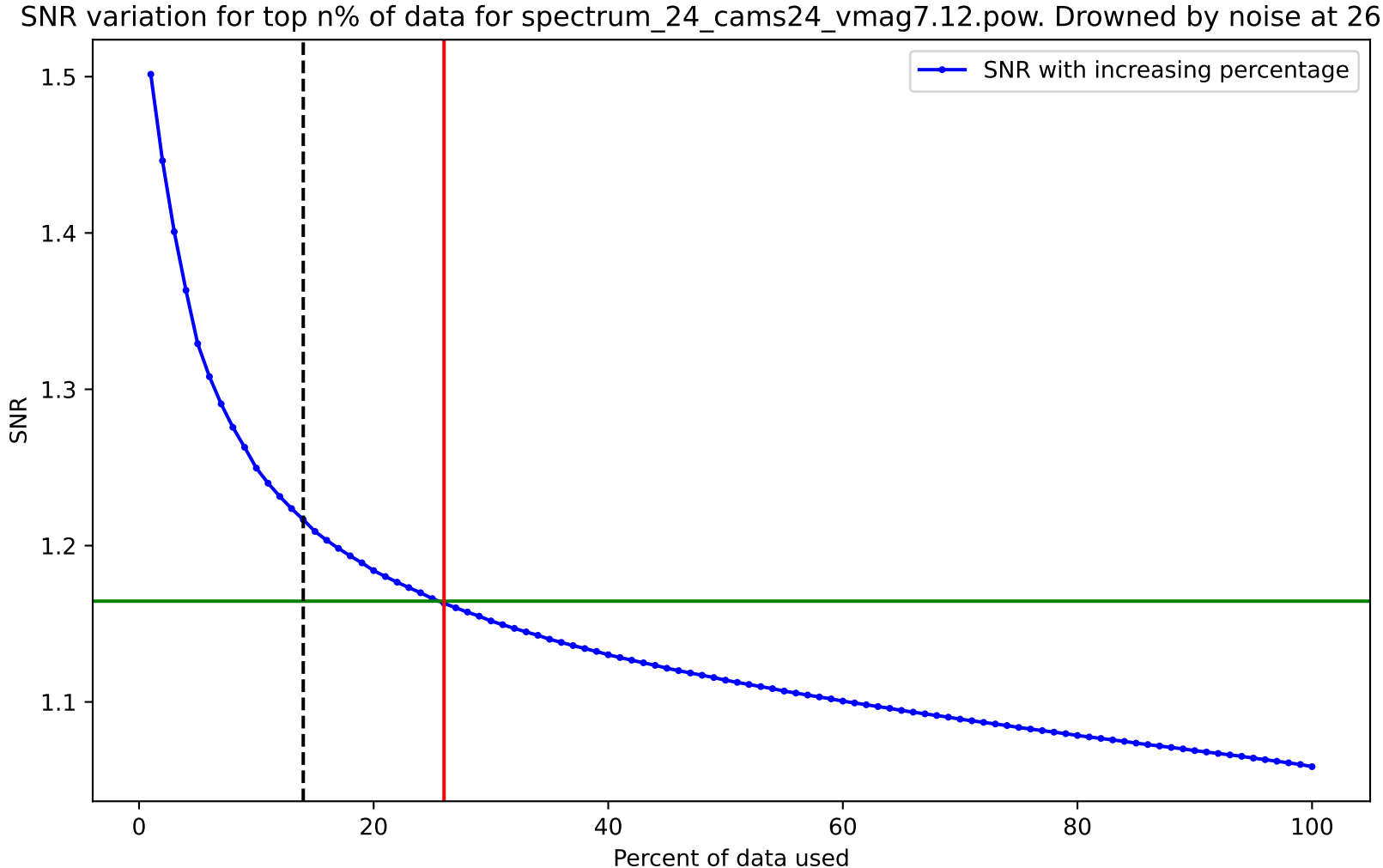

SNR vs Central Frequency for spectrum_23_cams24_vmag9.99.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

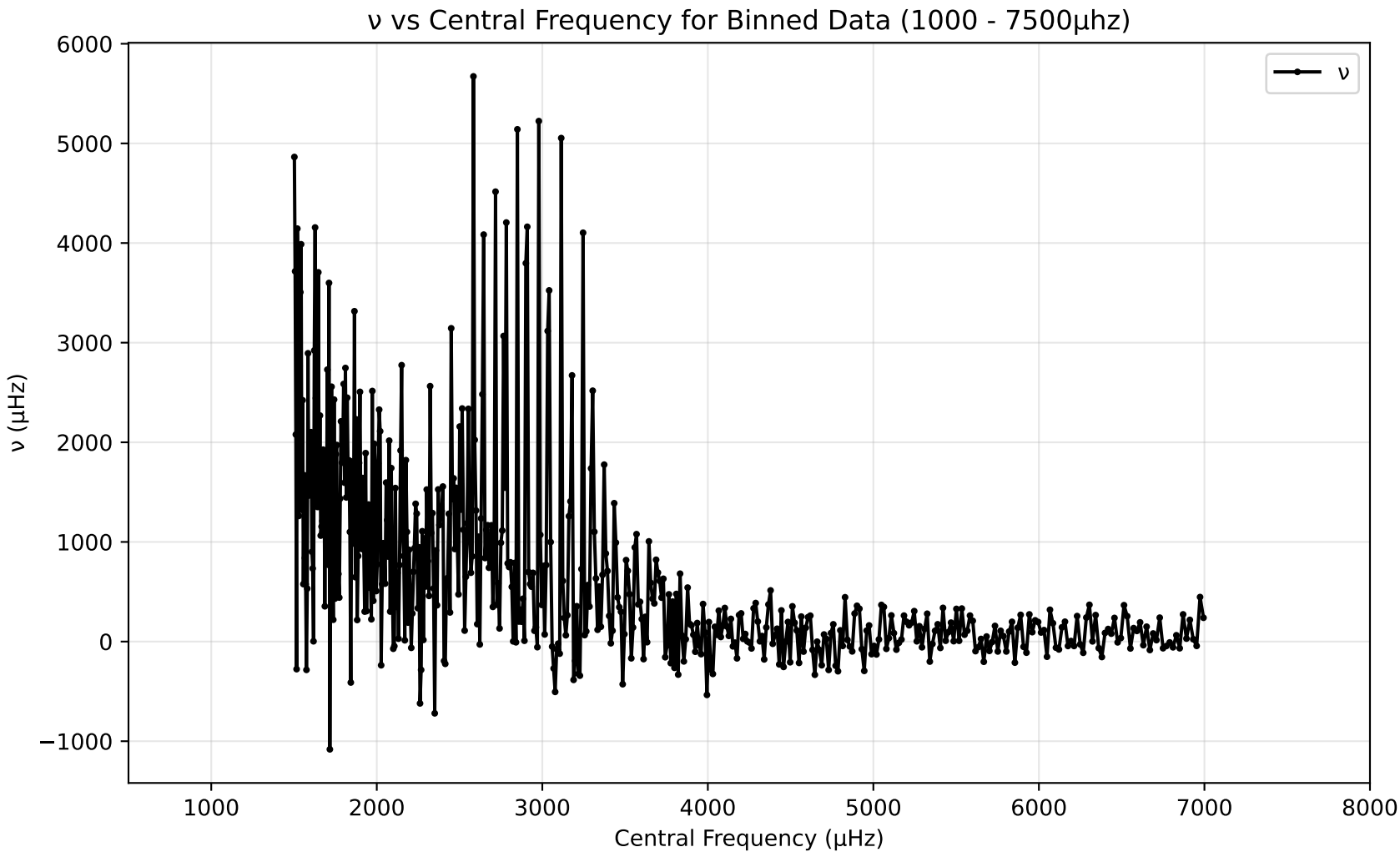

SNR variation for top n% of data for spectrum_23_cams24_vmag9.99.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

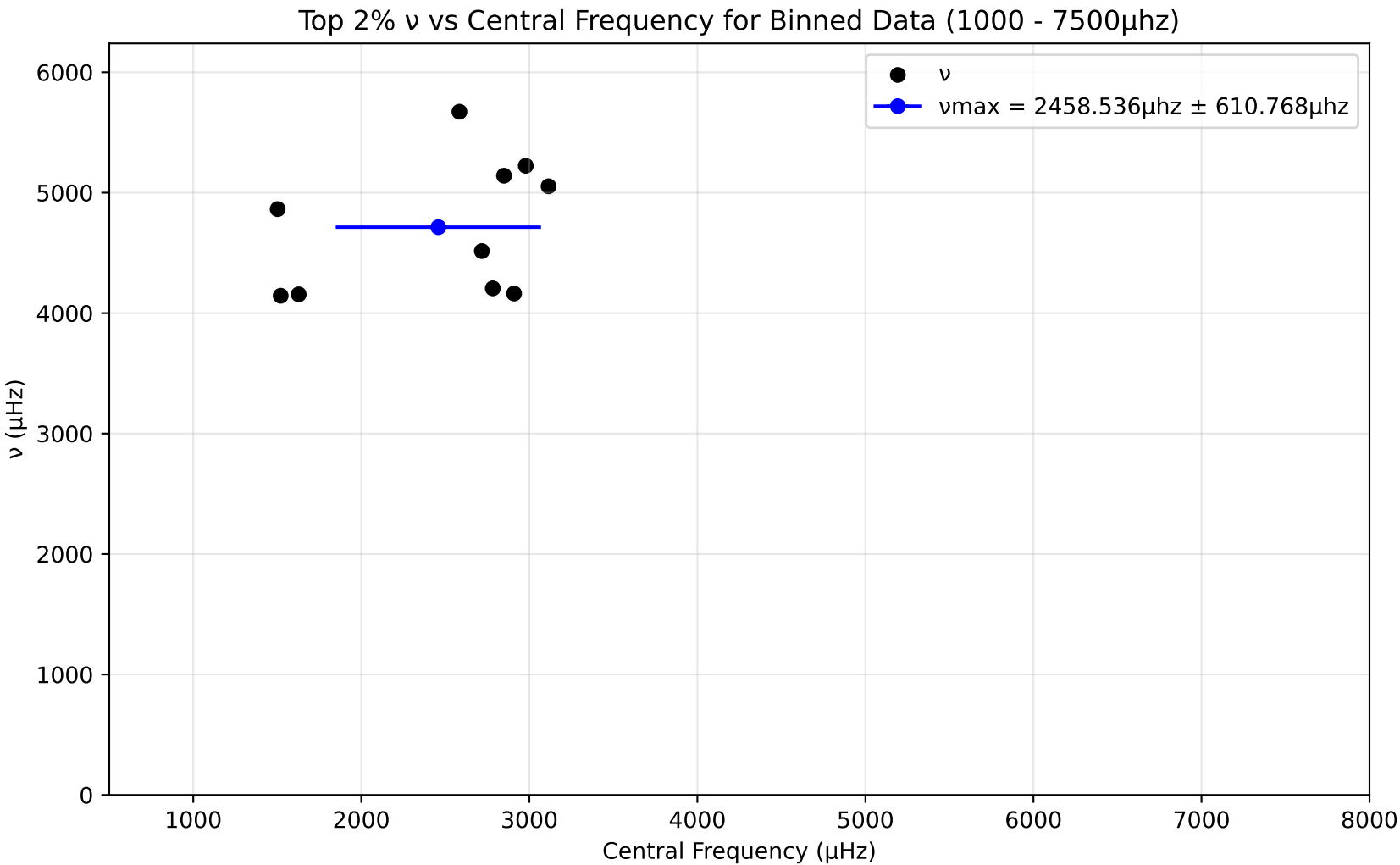

SNR vs Central Frequency for spectrum_24_cams24_vmag10.28.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

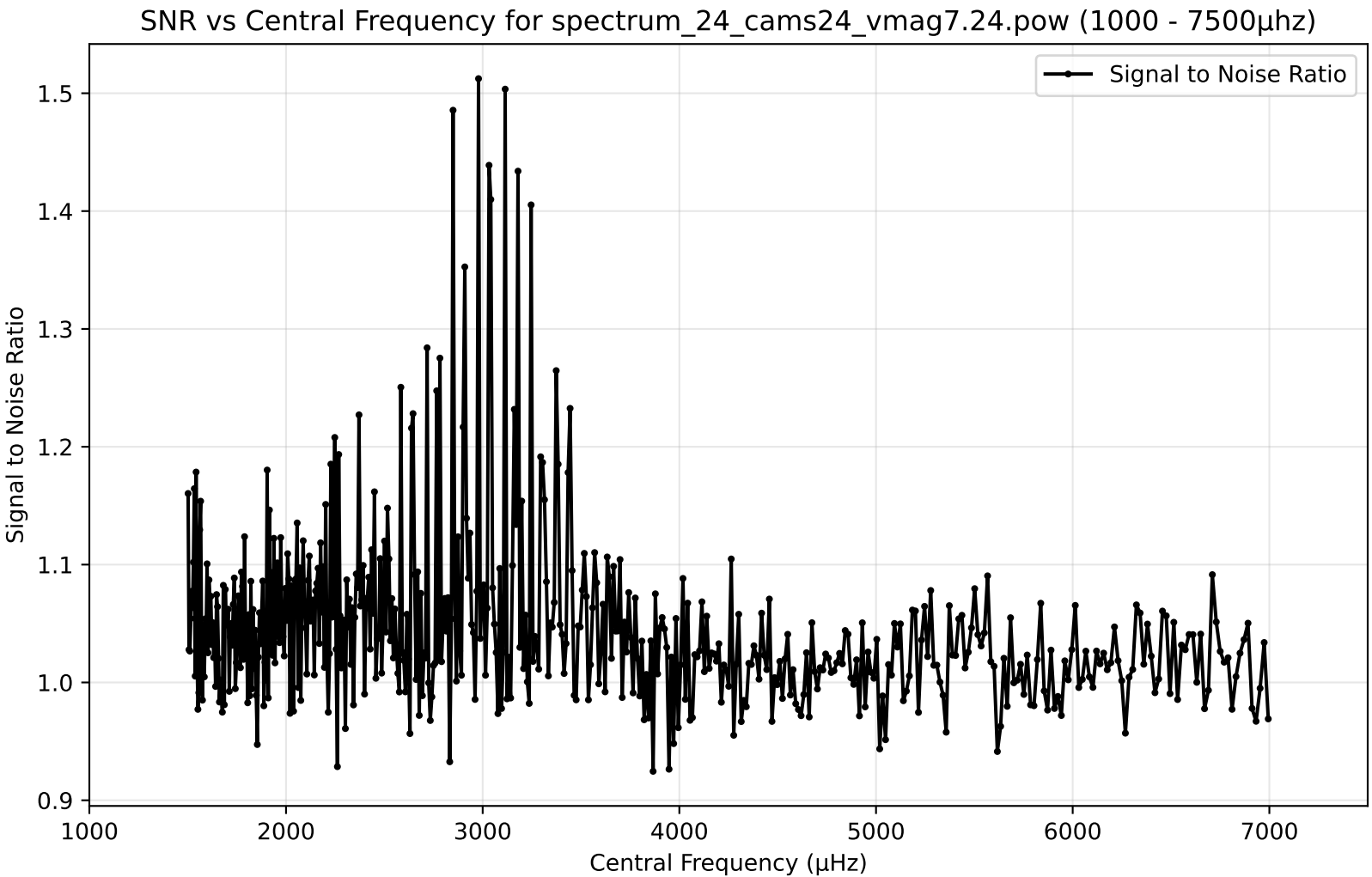

SNR variation for top n% of data for spectrum_24_cams24_vmag10.28.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

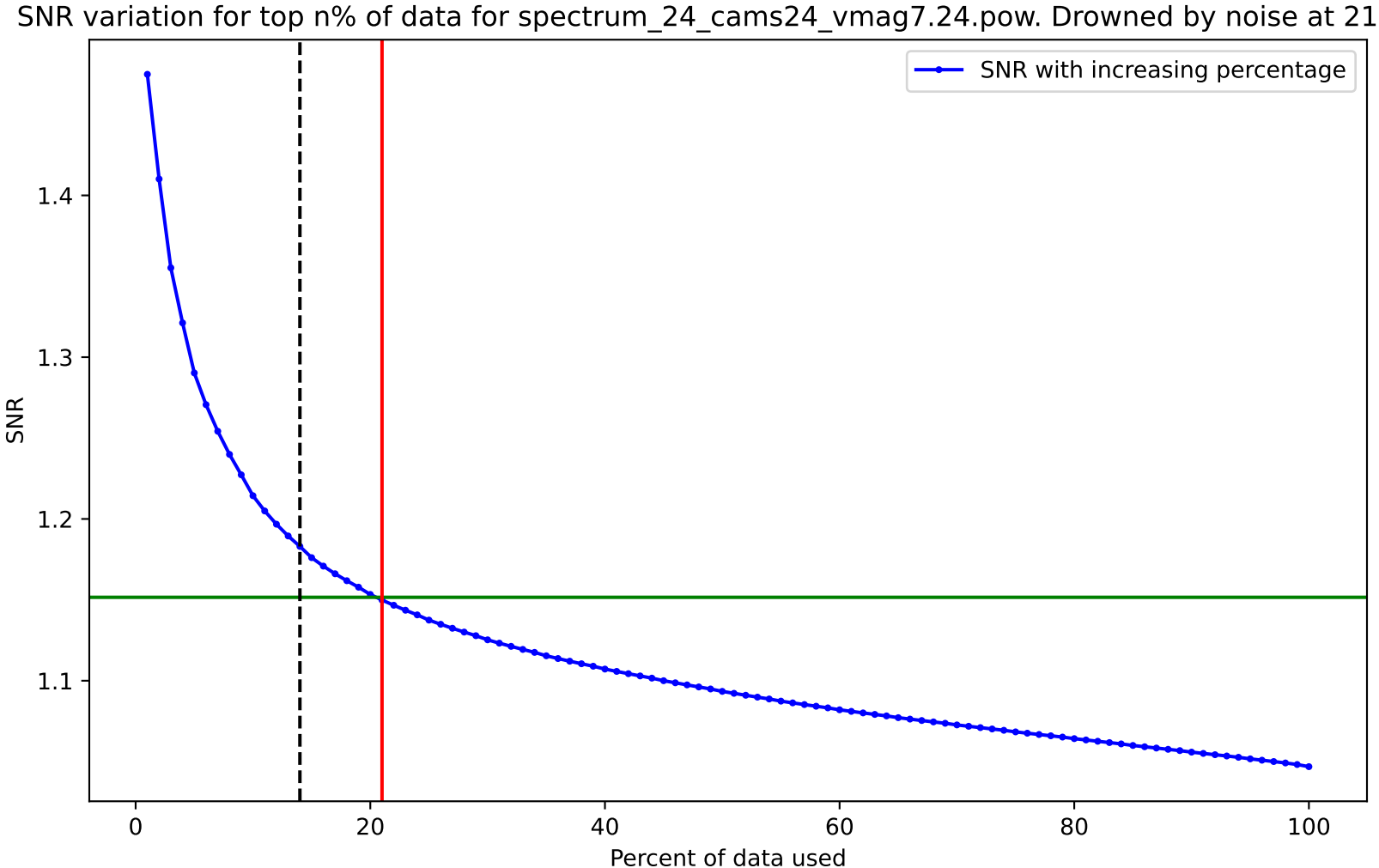

SNR vs Central Frequency for spectrum_24_cams24_vmag7.12.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

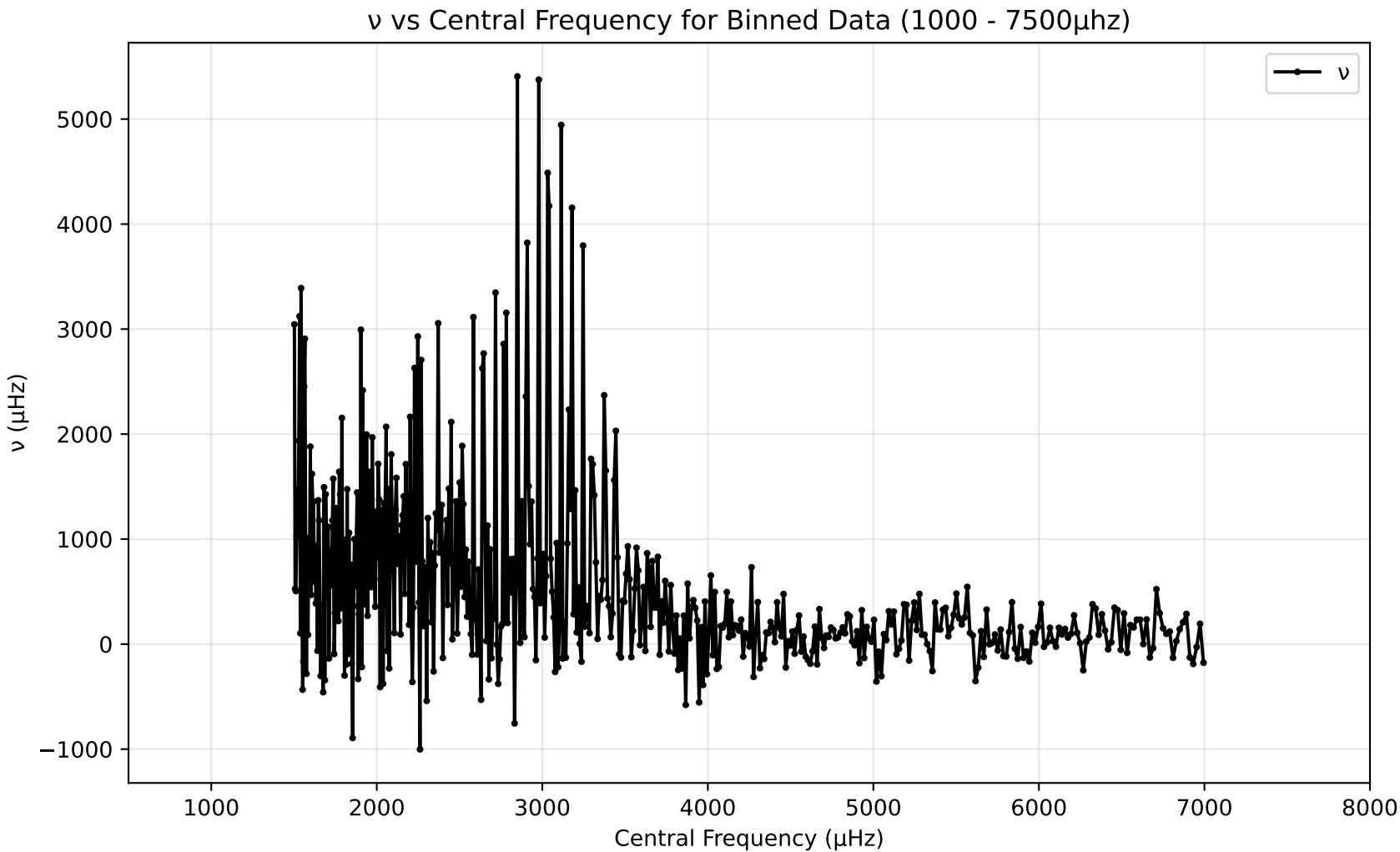

SNR variation for top n% of data for spectrum_24_cams24_vmag7.12.pow. Drowned by noise at 26.0%.
SNR with increasing percentage
SNR
1.5
1.4
1.3
1.2
1.1
0
20
40
60
80
100
Percent of data used

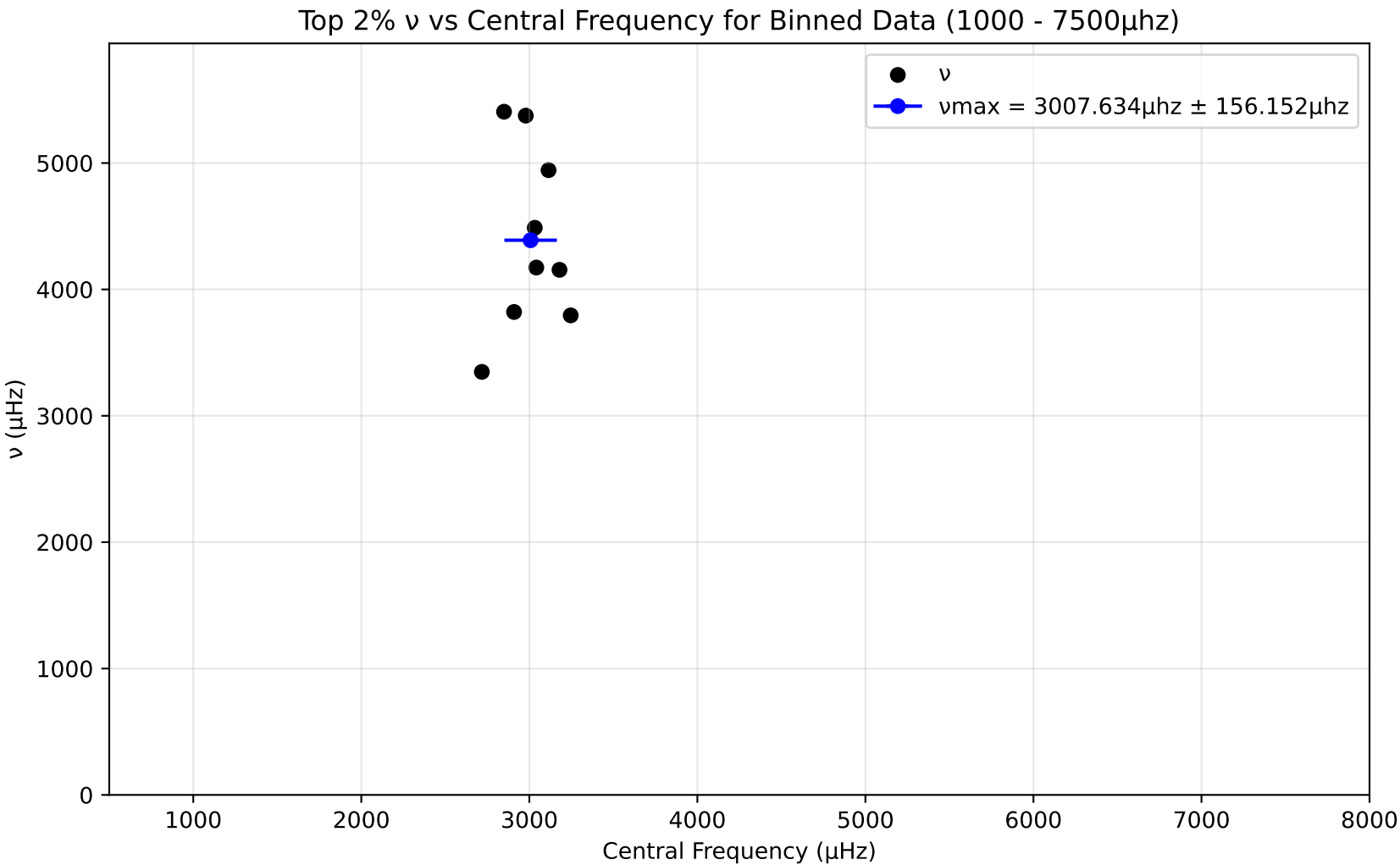

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
6000
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

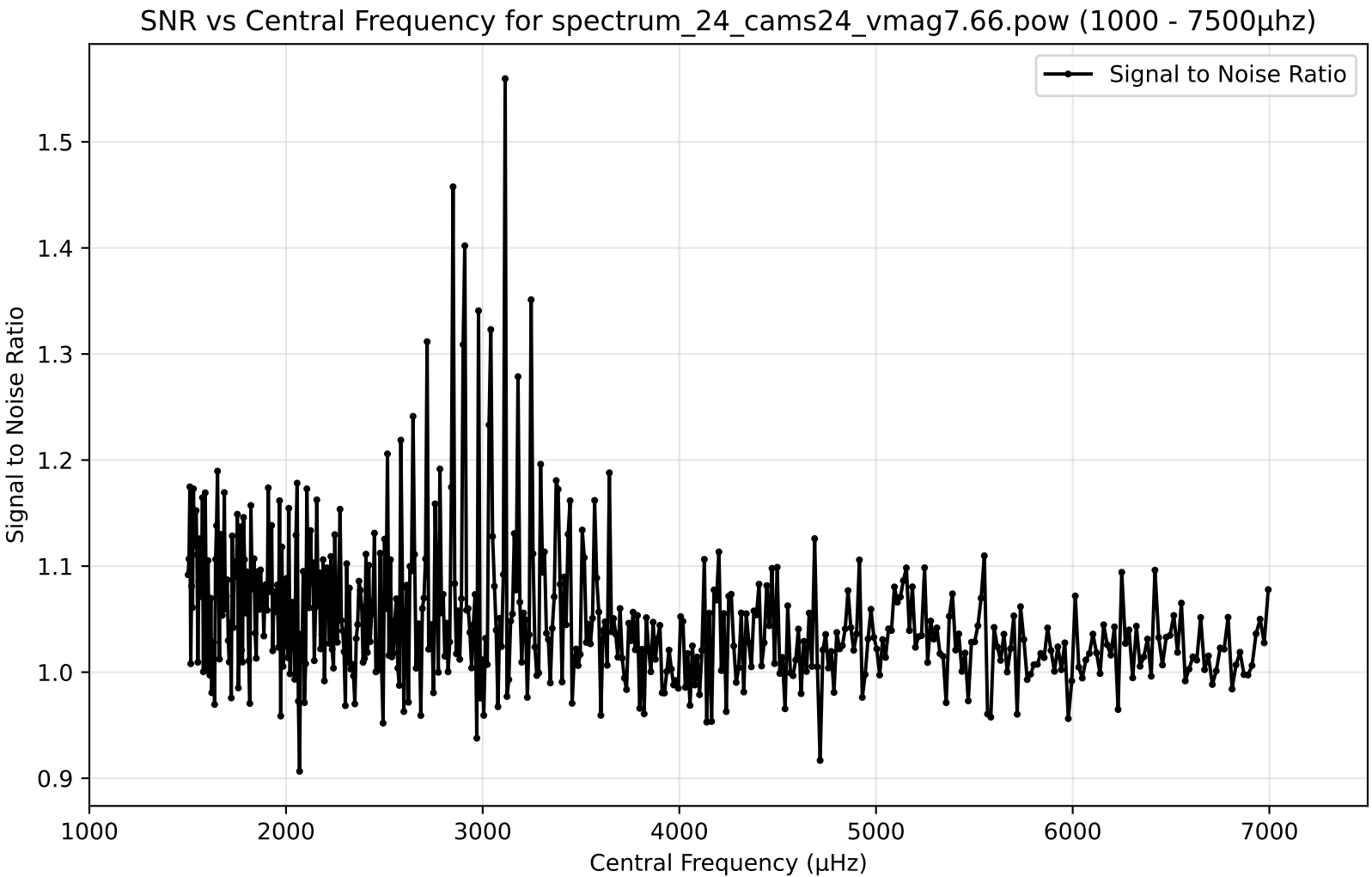

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2458.536μhz ± 610.768μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

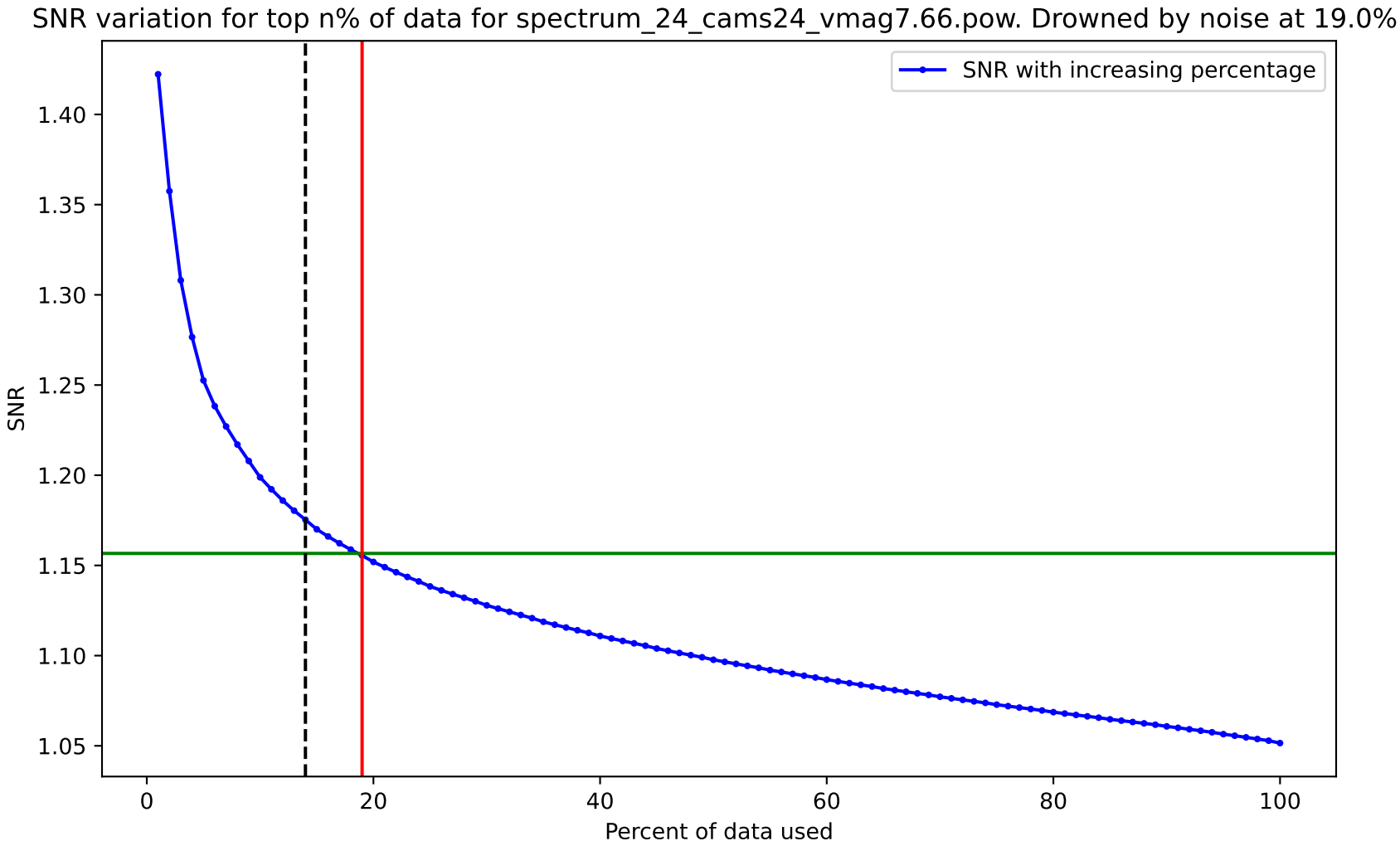

SNR vs Central Frequency for spectrum_24_cams24_vmag7.24.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

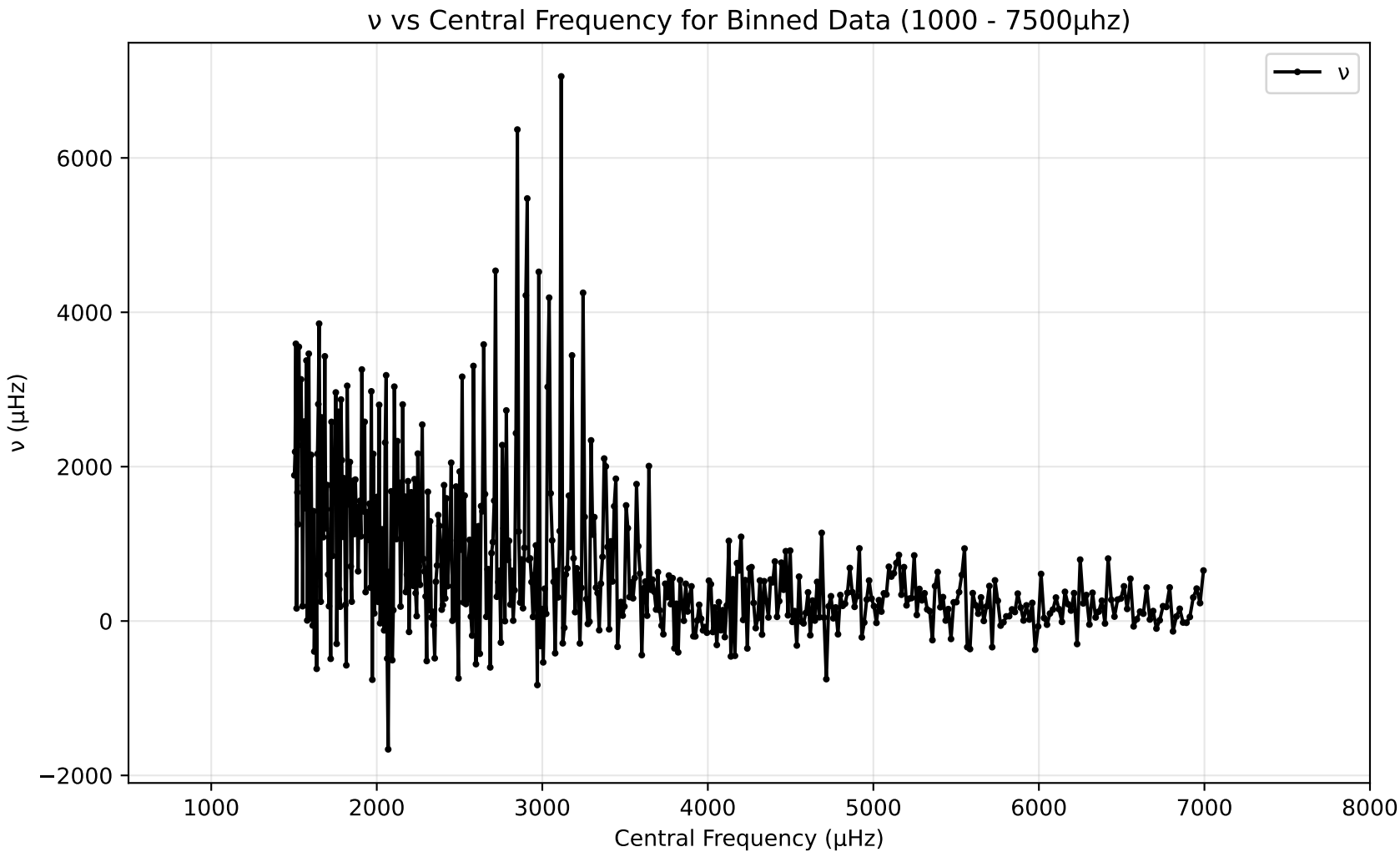

SNR variation for top n% of data for spectrum_24_cams24_vmag7.24.pow. Drowned by noise at 21.0%.
SNR with increasing percentage
SNR
1.4
1.3
1.2
1.1
0
20
40
60
80
100
Percent of data used

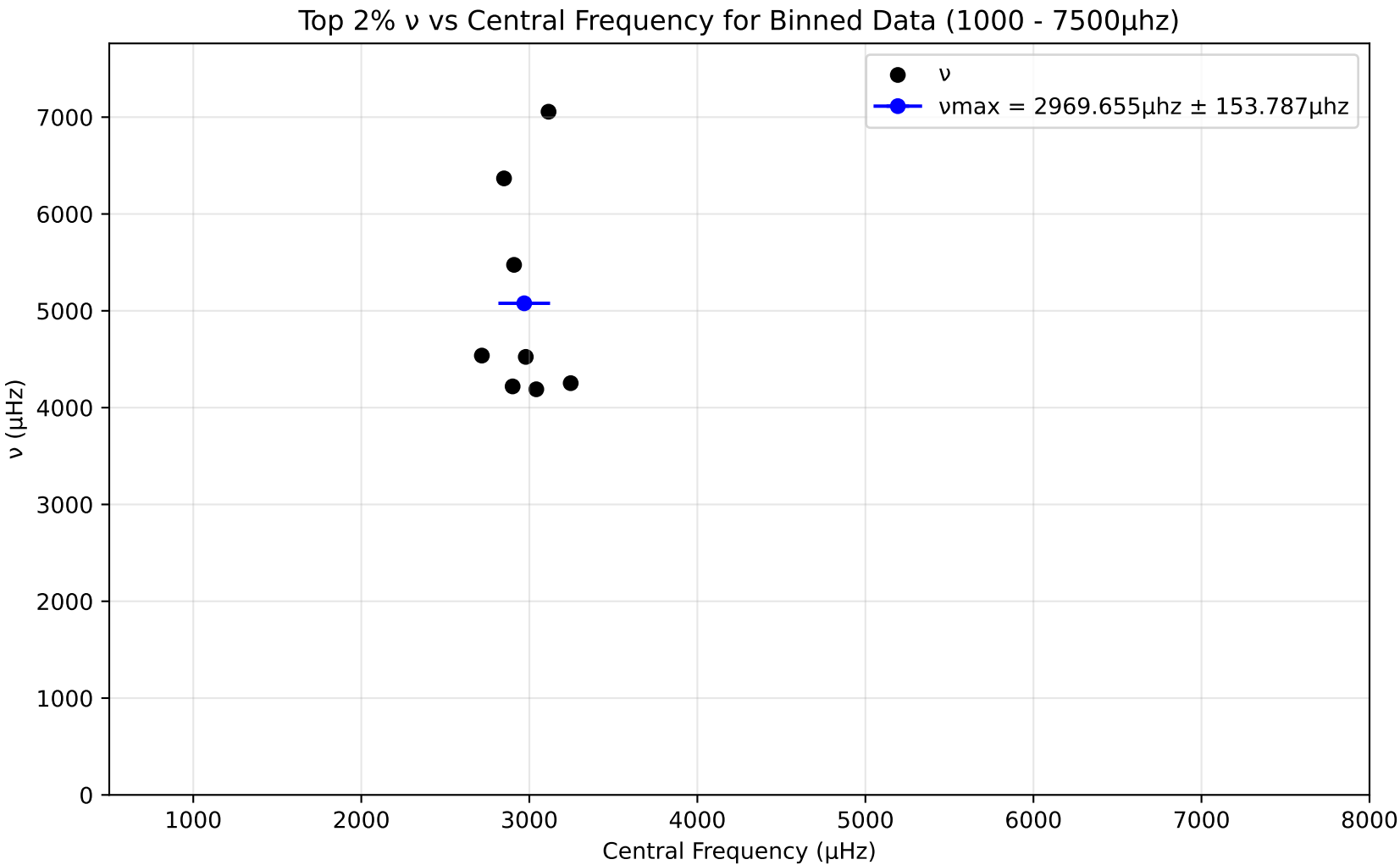

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
5000
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

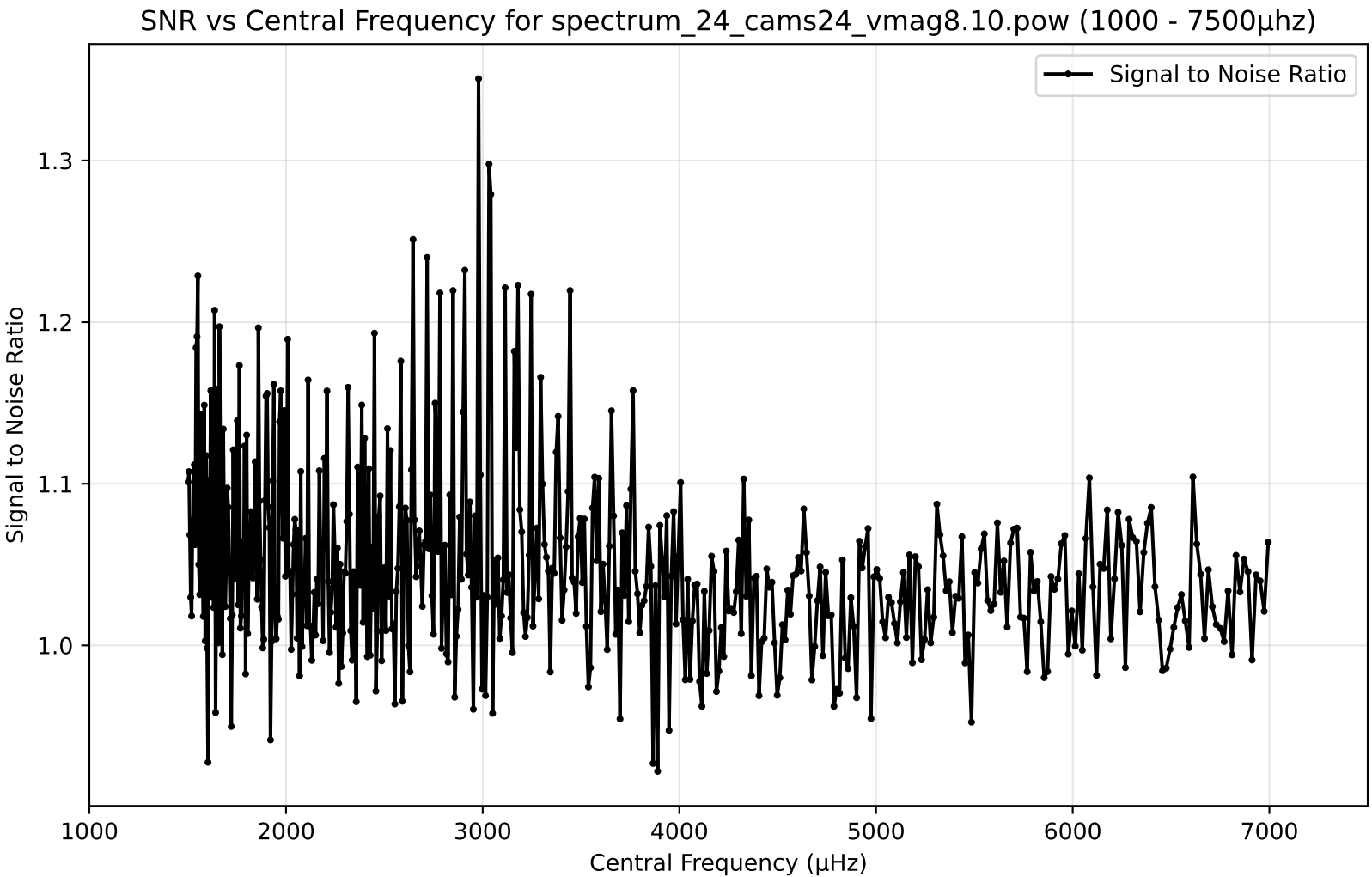

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3007.634μhz ± 156.152μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

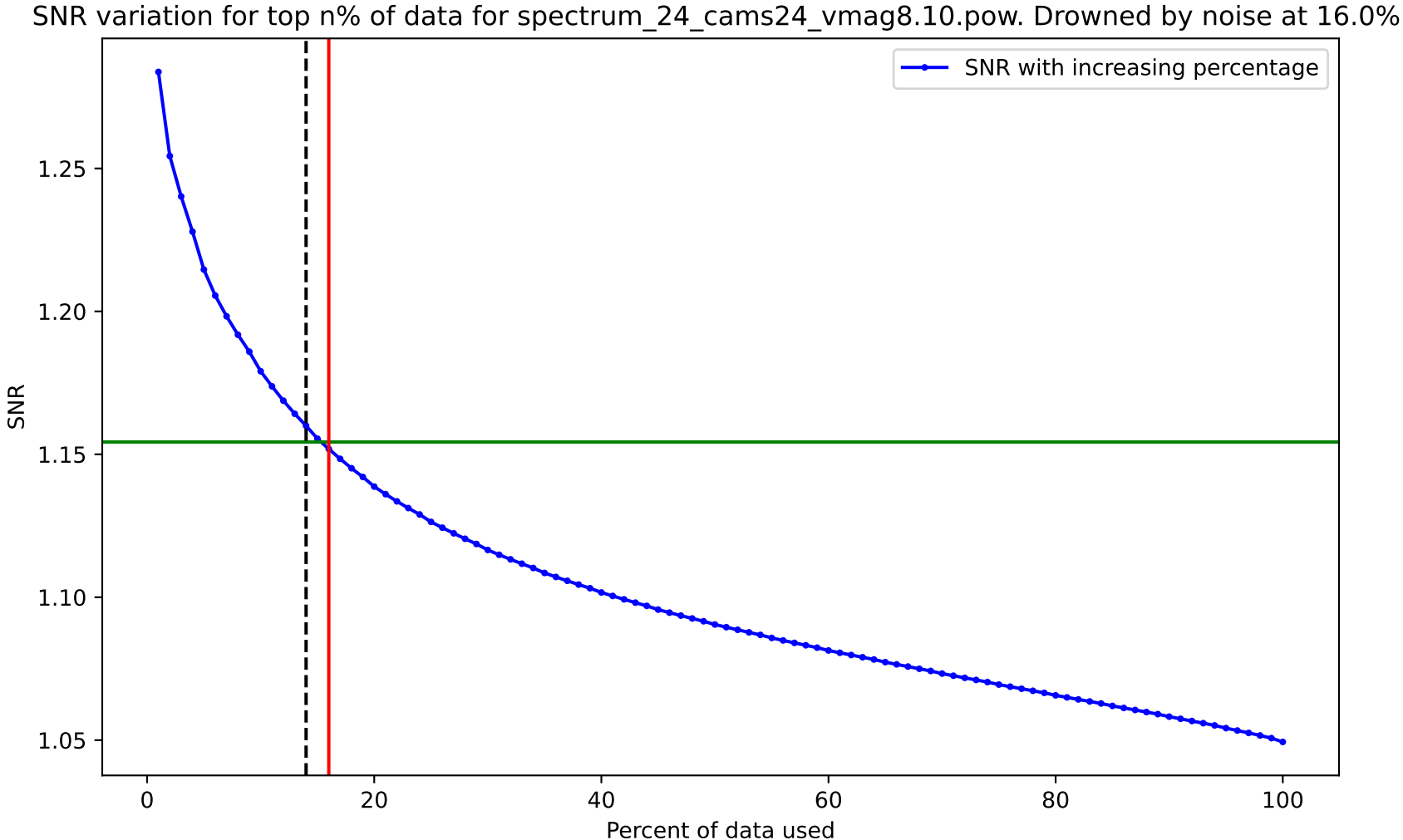

SNR vs Central Frequency for spectrum_24_cams24_vmag7.66.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

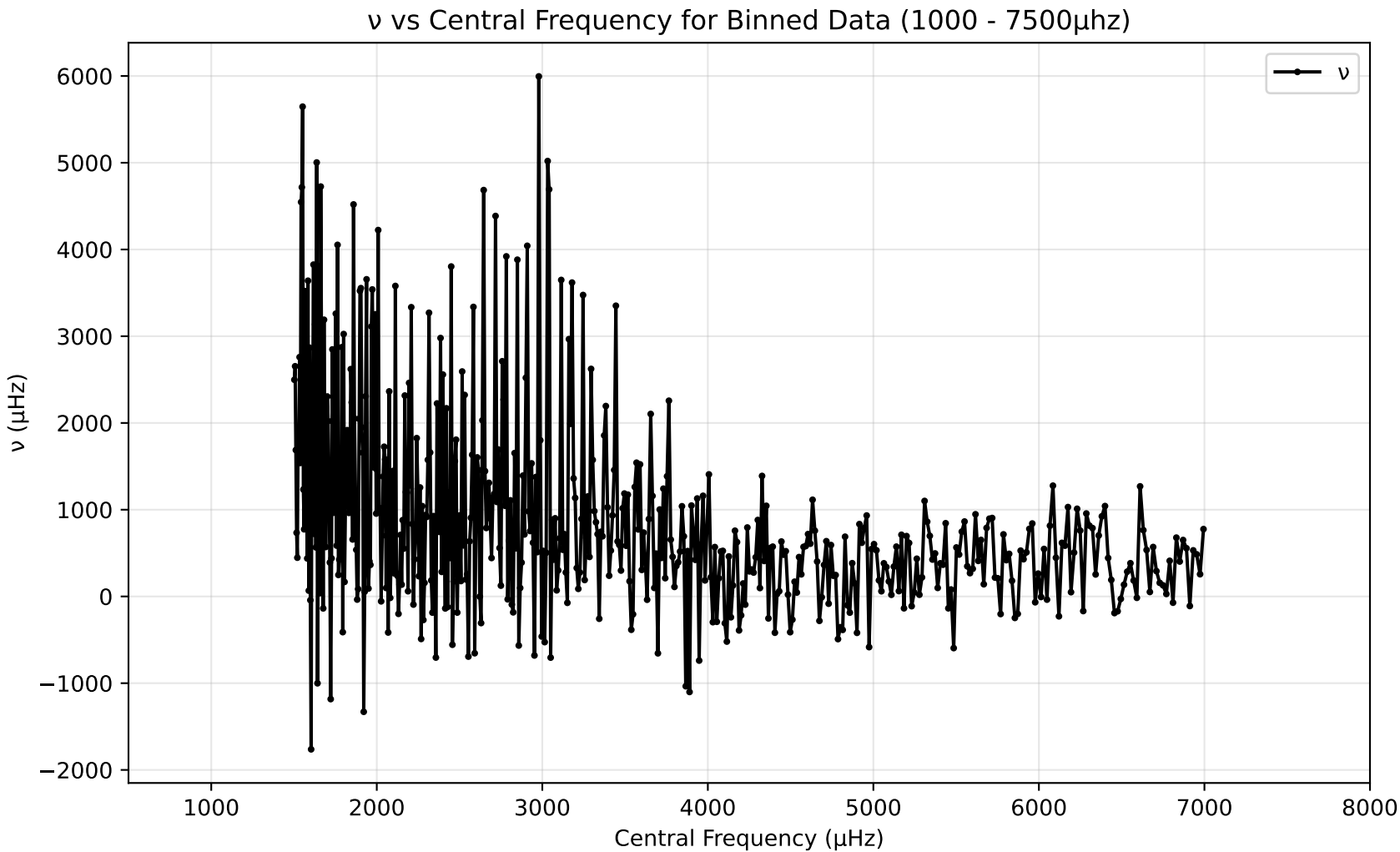

SNR variation for top n% of data for spectrum_24_cams24_vmag7.66.pow. Drowned by noise at 19.0%.
SNR with increasing percentage
SNR
1.40
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

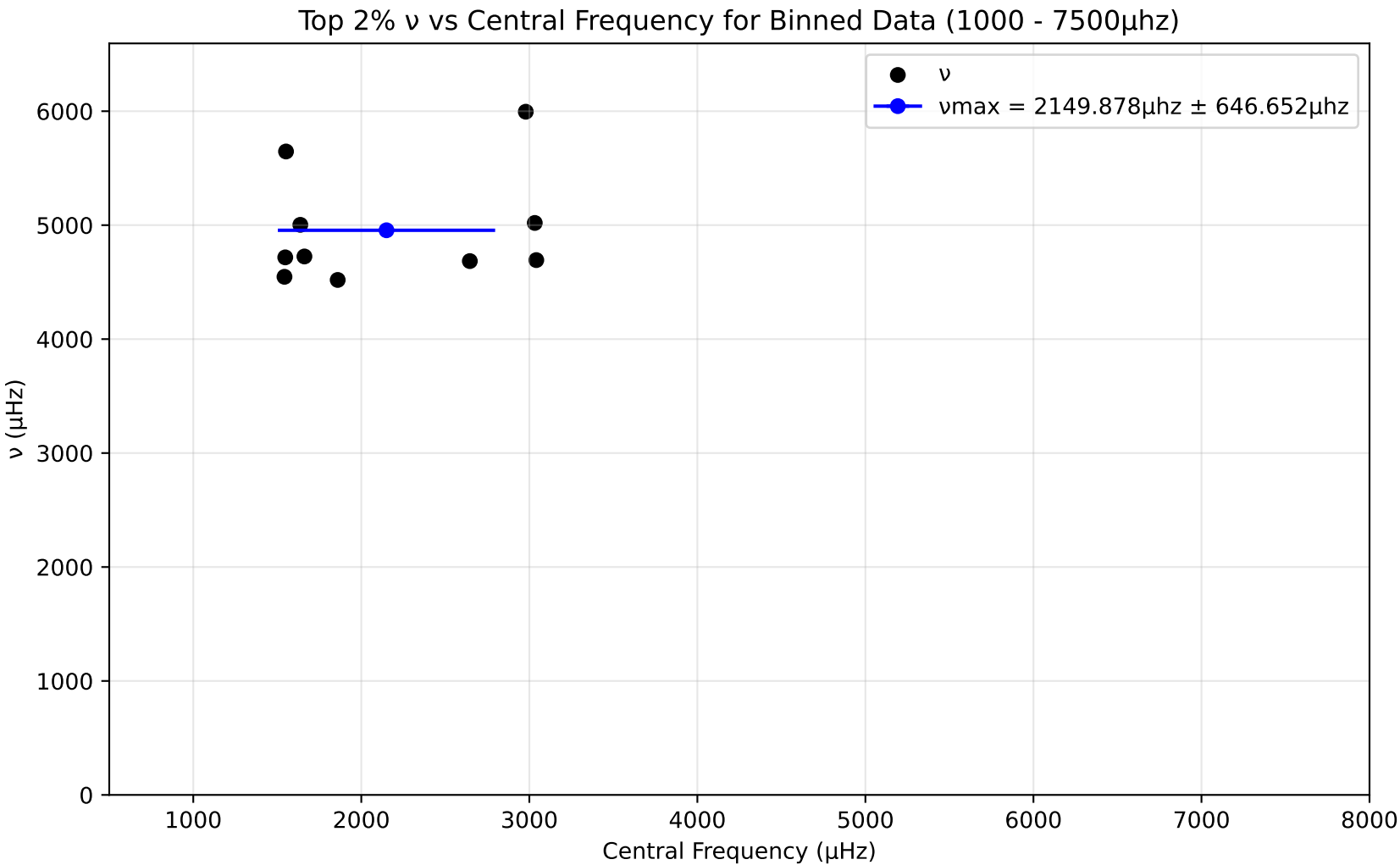

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
6000
4000
2000
0
−2000
ν (μHz)
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

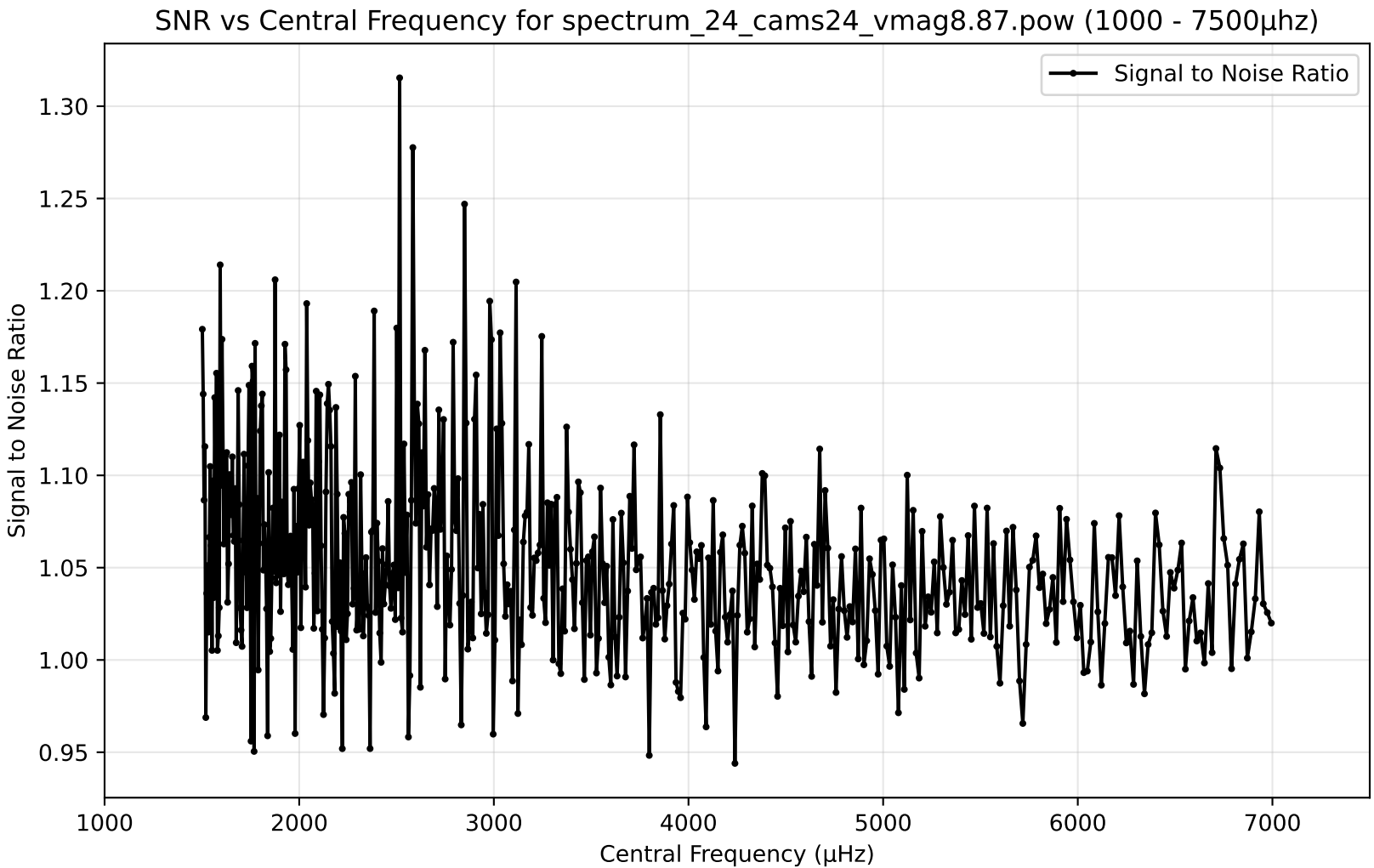

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2969.655μhz ± 153.787μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

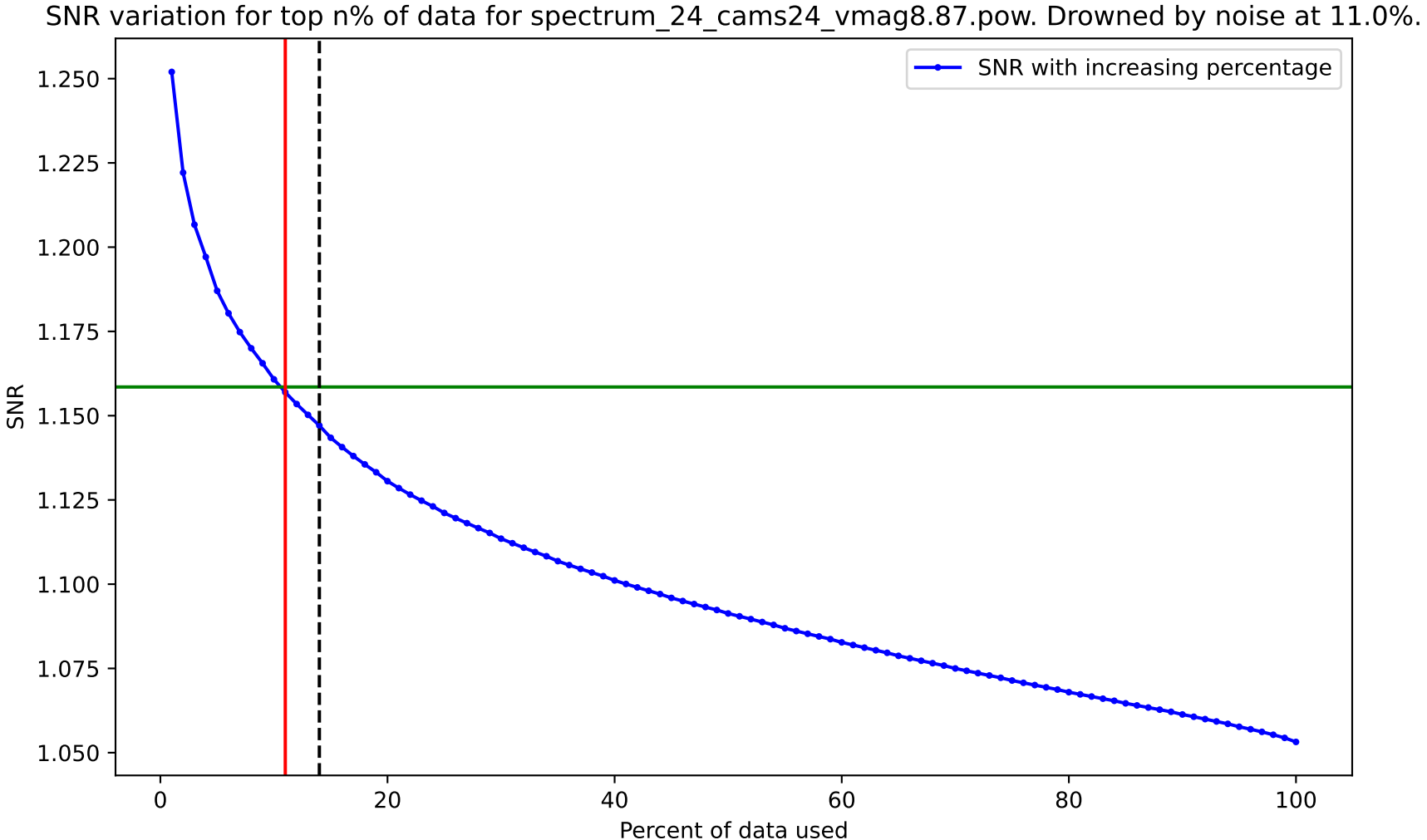

SNR vs Central Frequency for spectrum_24_cams24_vmag8.10.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

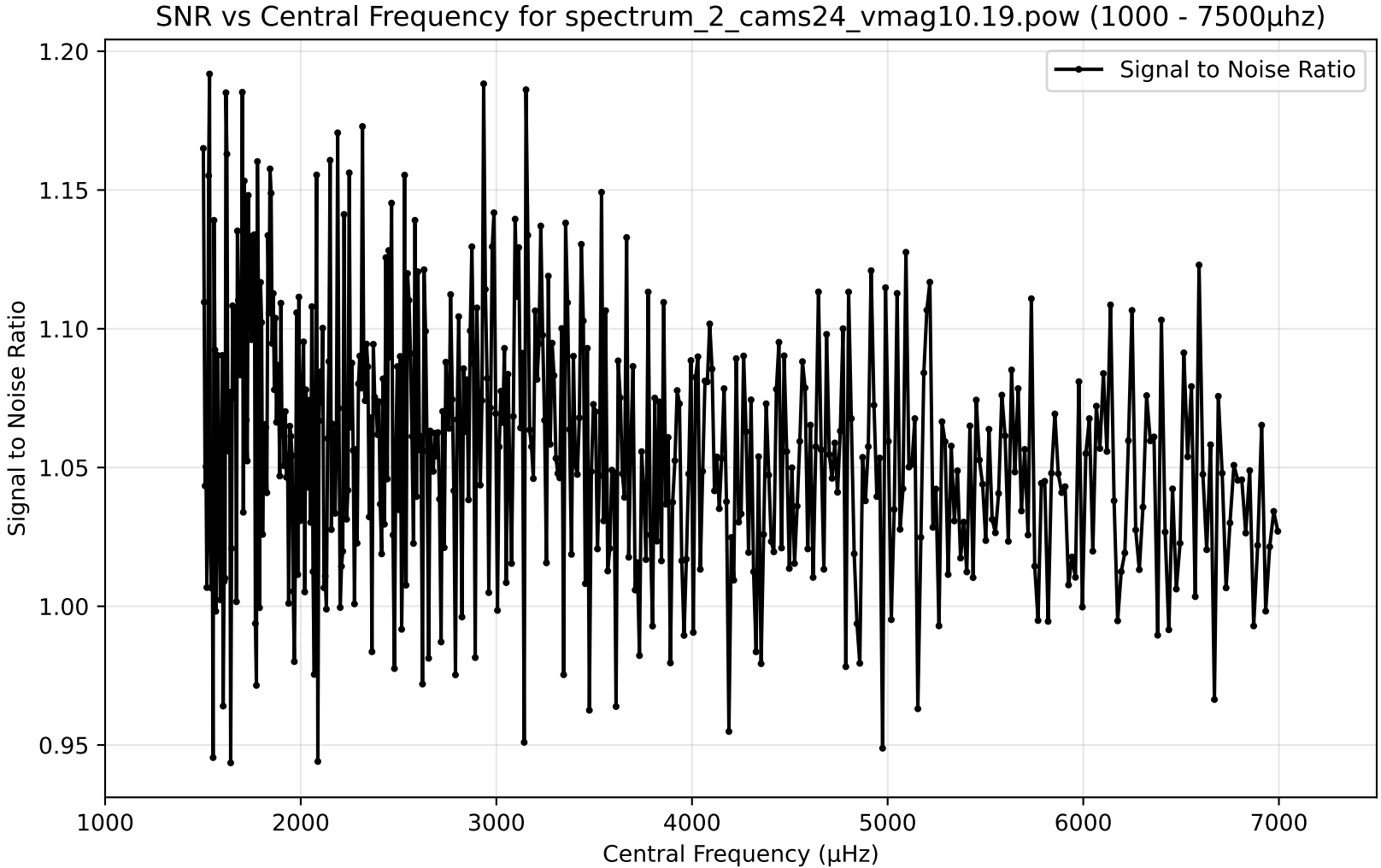

SNR variation for top n% of data for spectrum_24_cams24_vmag8.10.pow. Drowned by noise at 16.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

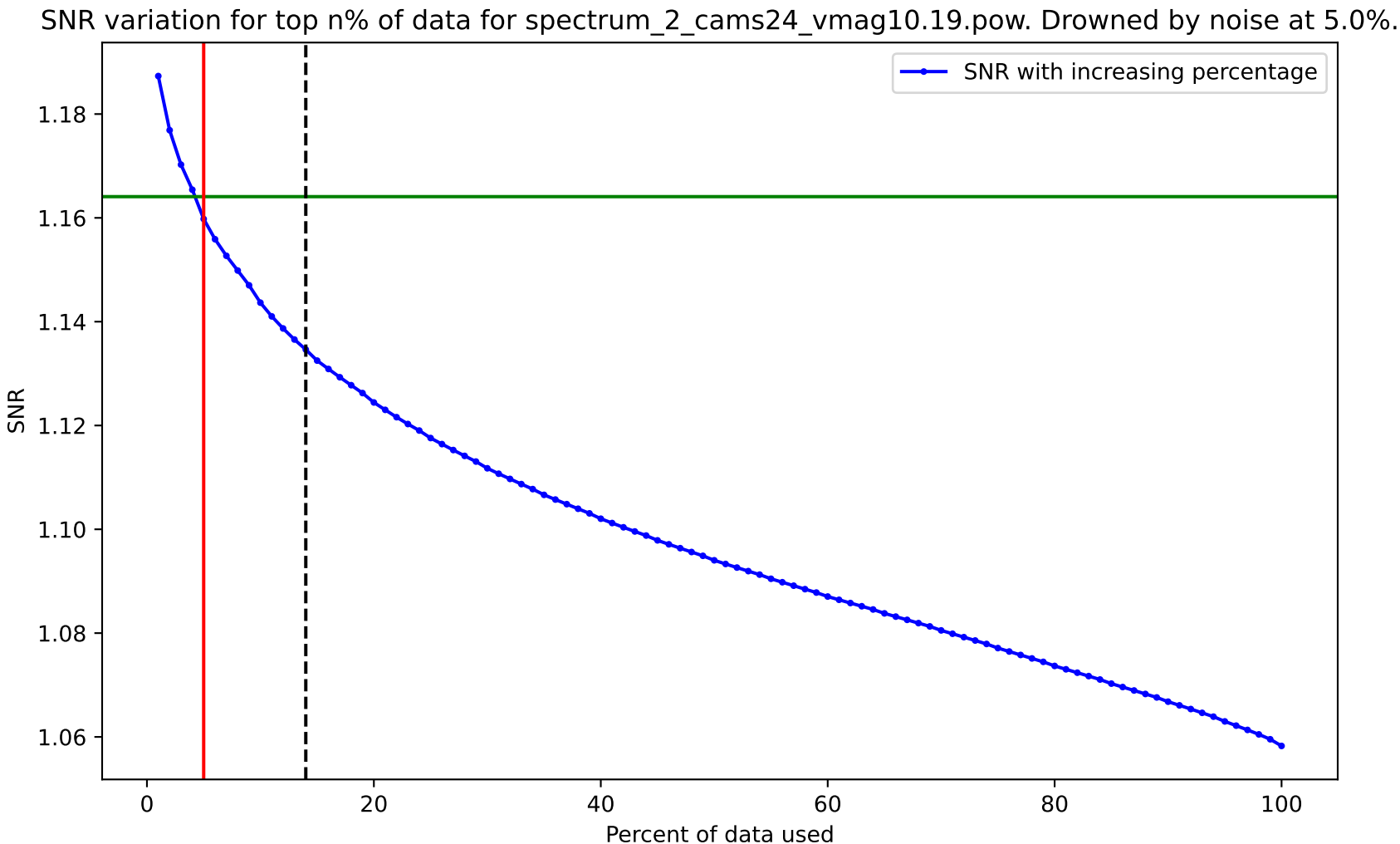

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
6000
5000
4000
3000
2000
1000
0
−1000
−2000
1000
2000
3000
4000
5000
6000
7000
8000

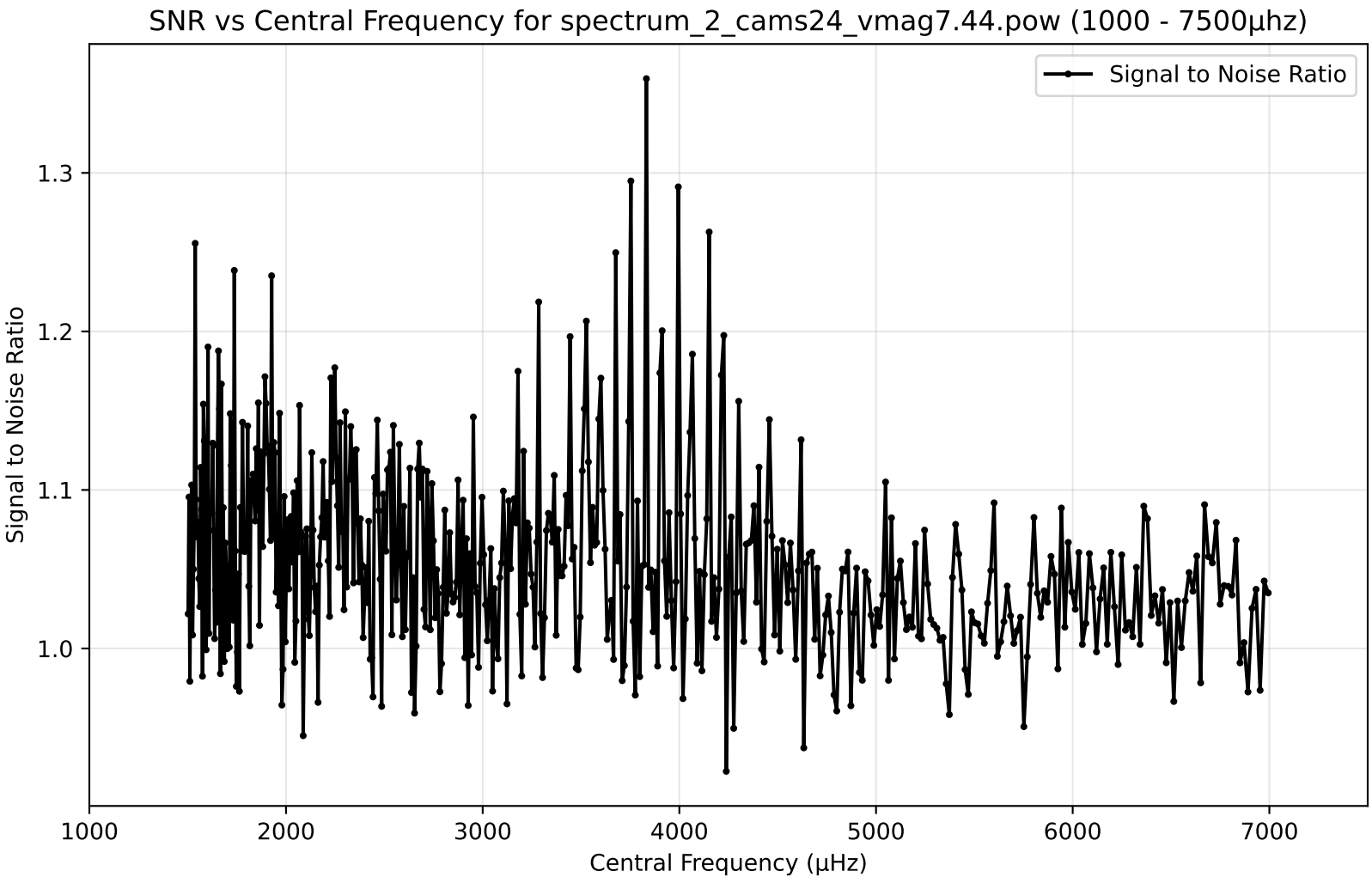

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2149.878μhz ± 646.652μhz
ν (μHz)
Central Frequency (μHz)
0
1000
2000
3000
4000
5000
6000
7000
8000

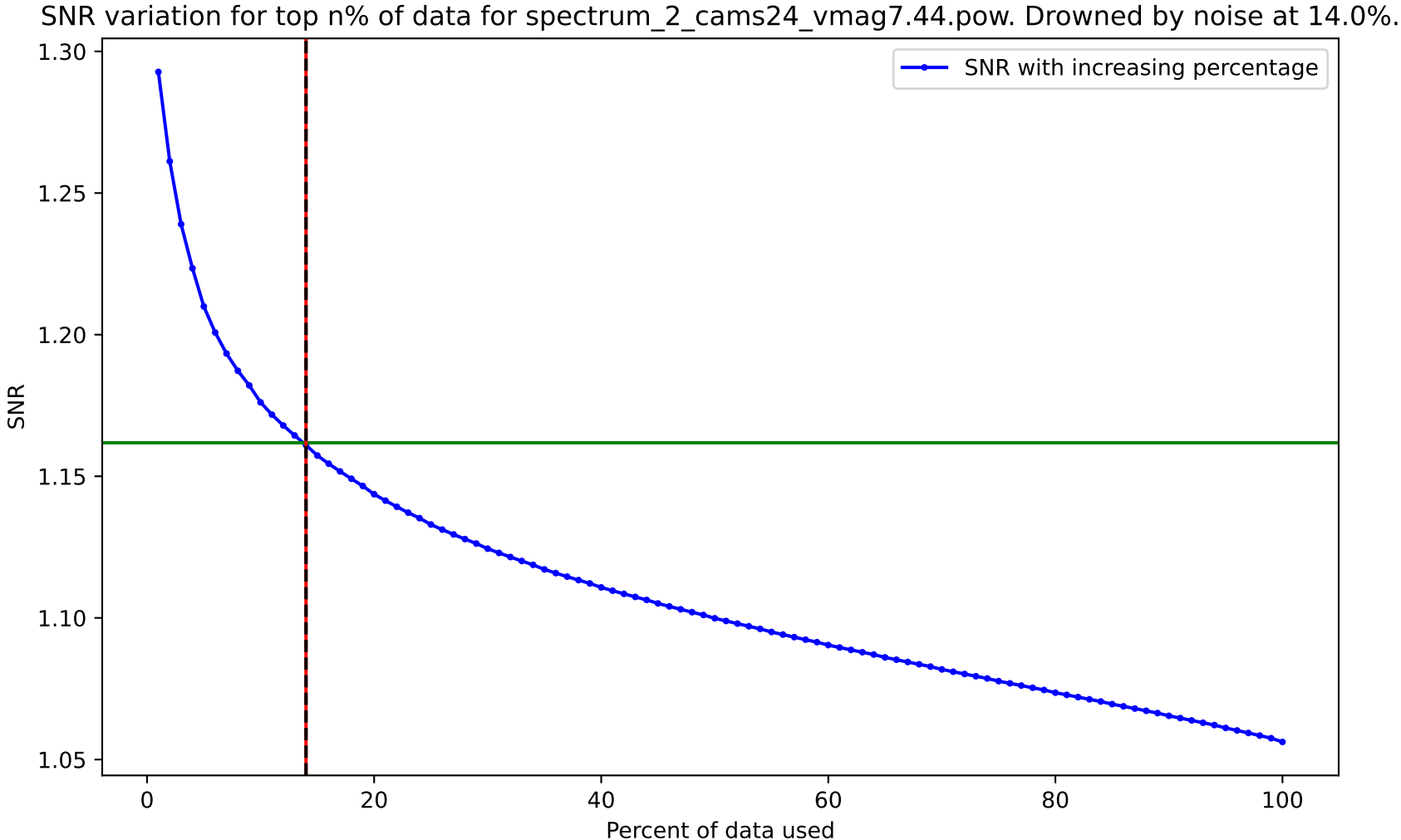

SNR vs Central Frequency for spectrum_24_cams24_vmag8.87.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

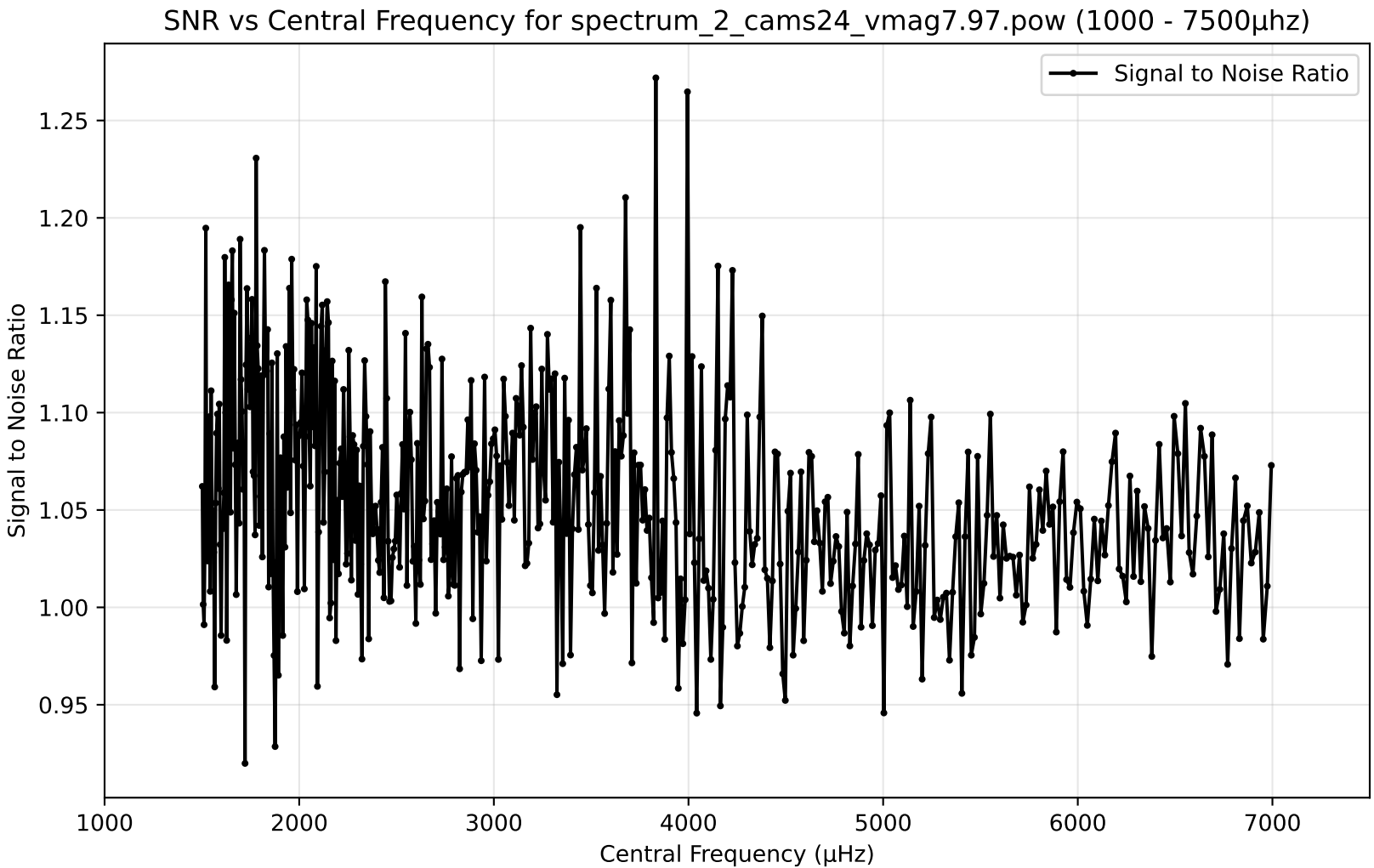

SNR variation for top n% of data for spectrum_24_cams24_vmag8.87.pow. Drowned by noise at 11.0%.
SNR with increasing percentage
SNR
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

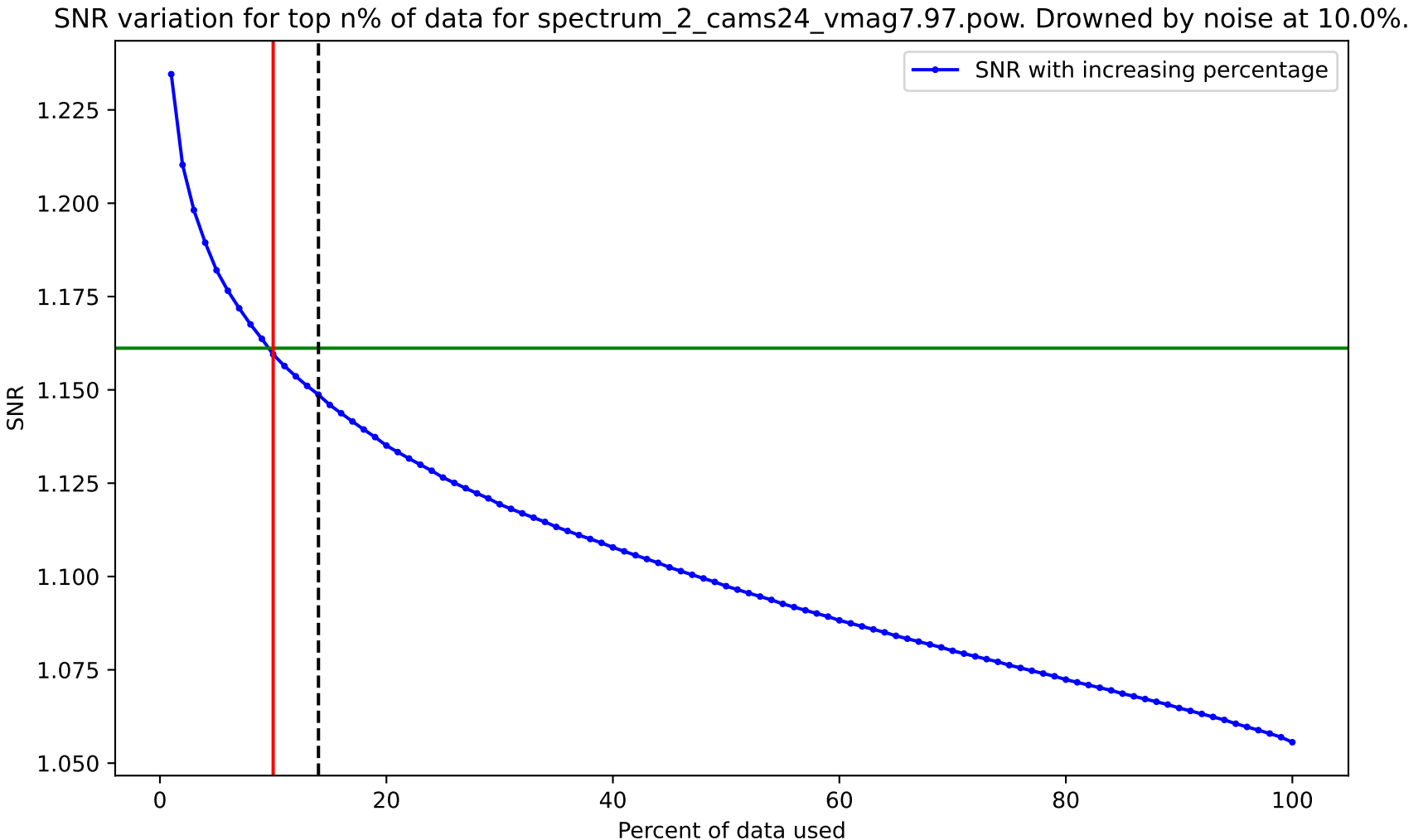

SNR vs Central Frequency for spectrum_2_cams24_vmag10.19.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

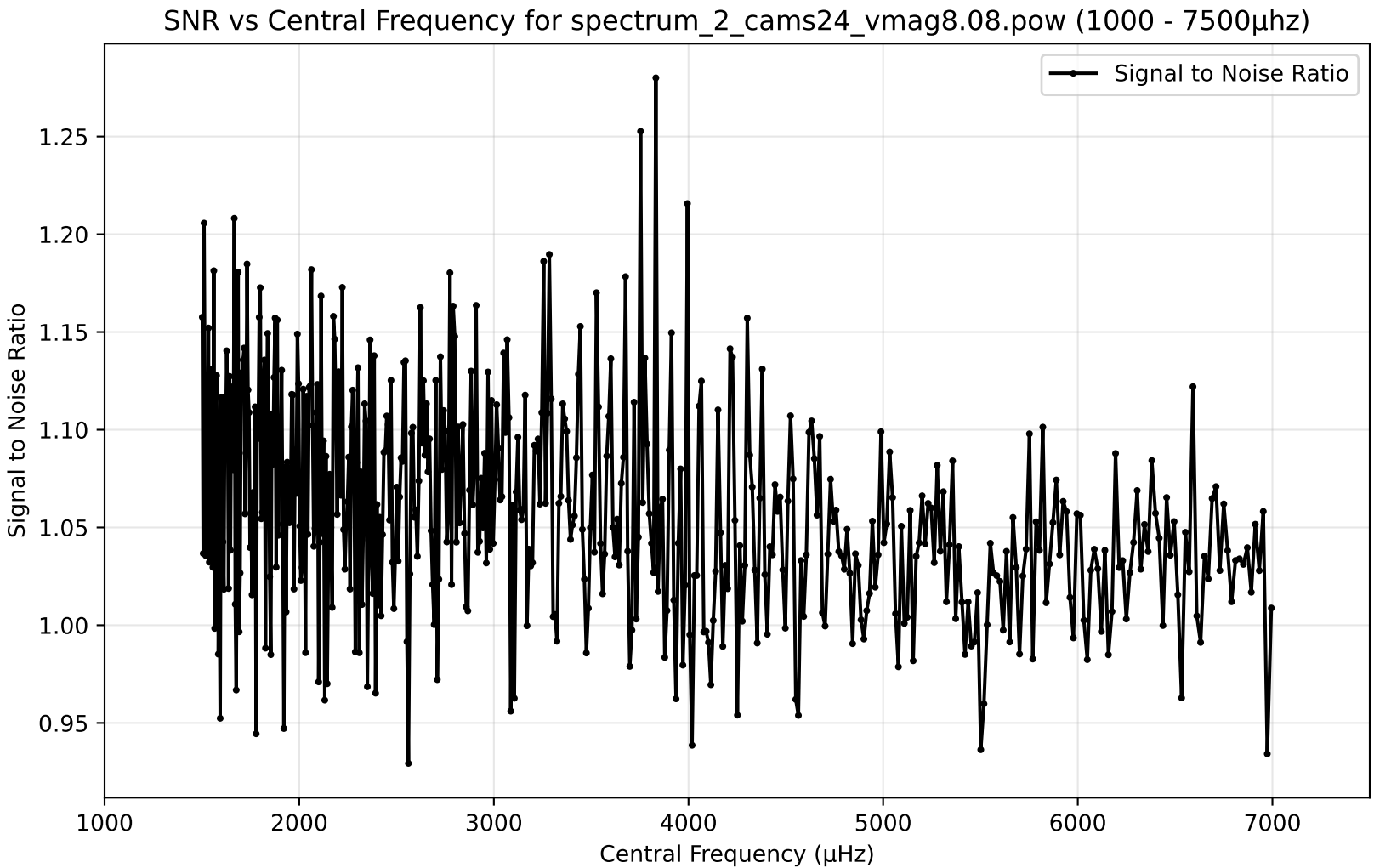

SNR variation for top n% of data for spectrum_2_cams24_vmag10.19.pow. Drowned by noise at 5.0%.
SNR with increasing percentage
SNR
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

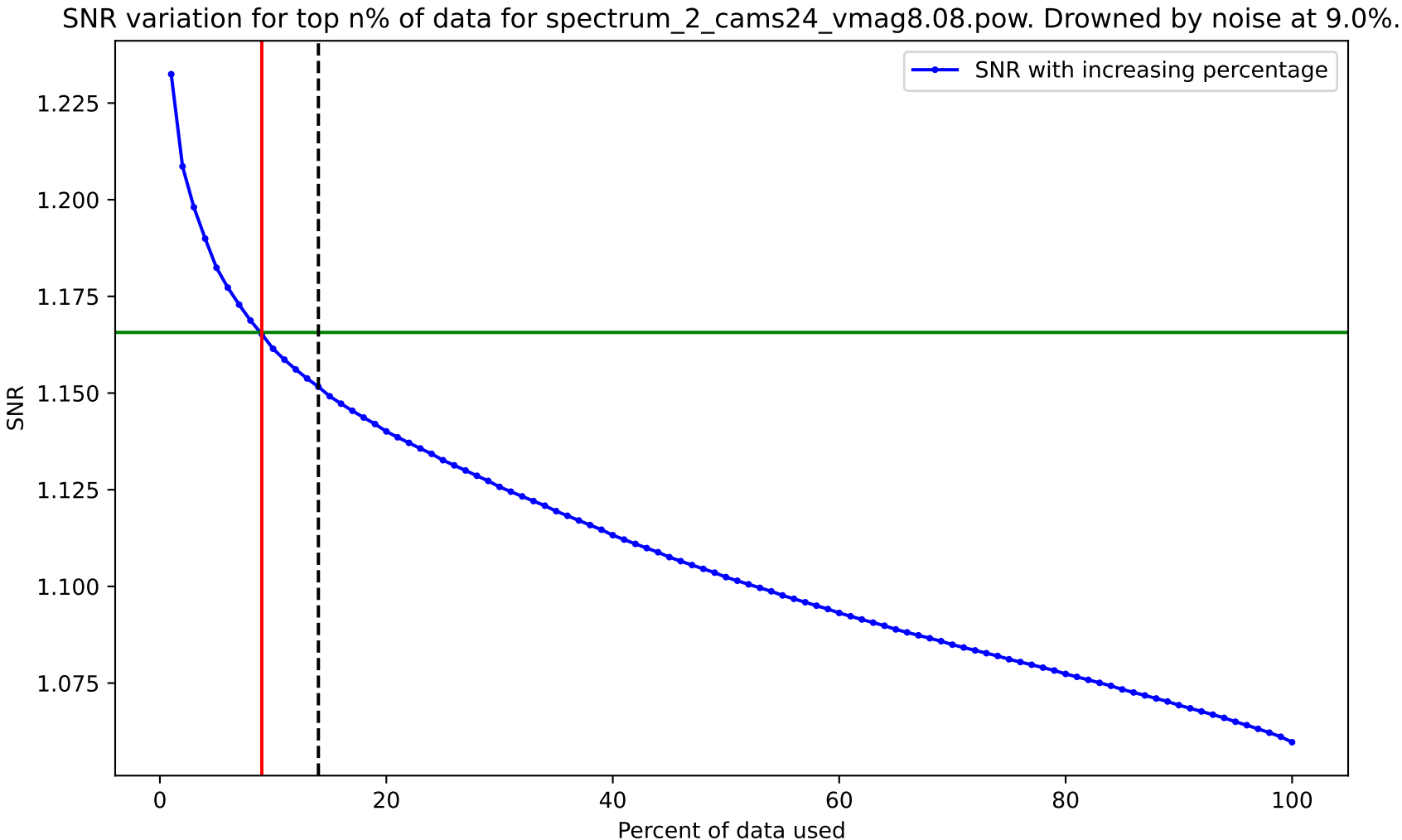

SNR vs Central Frequency for spectrum_2_cams24_vmag7.44.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

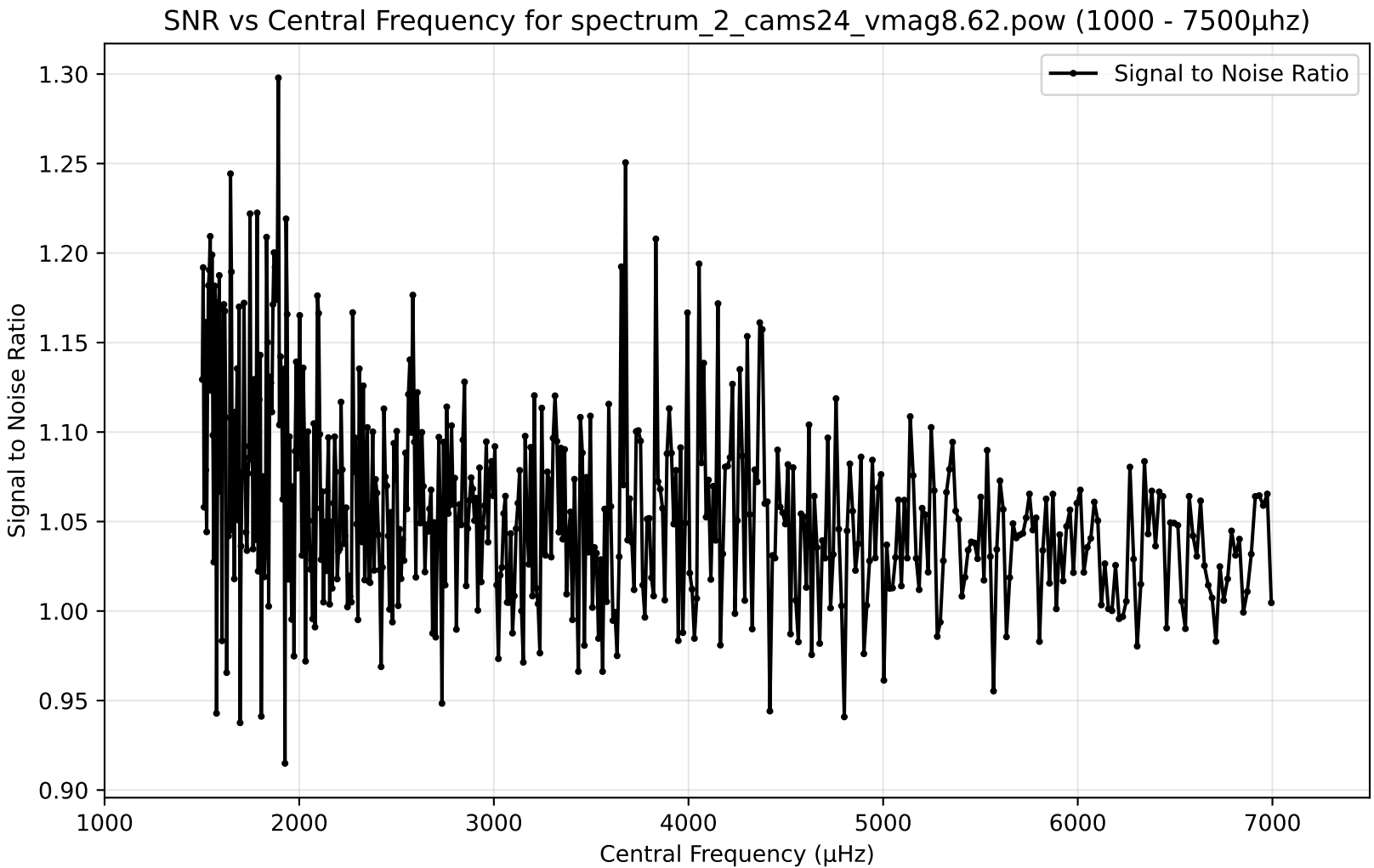

SNR variation for top n% of data for spectrum_2_cams24_vmag7.44.pow. Drowned by noise at 14.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

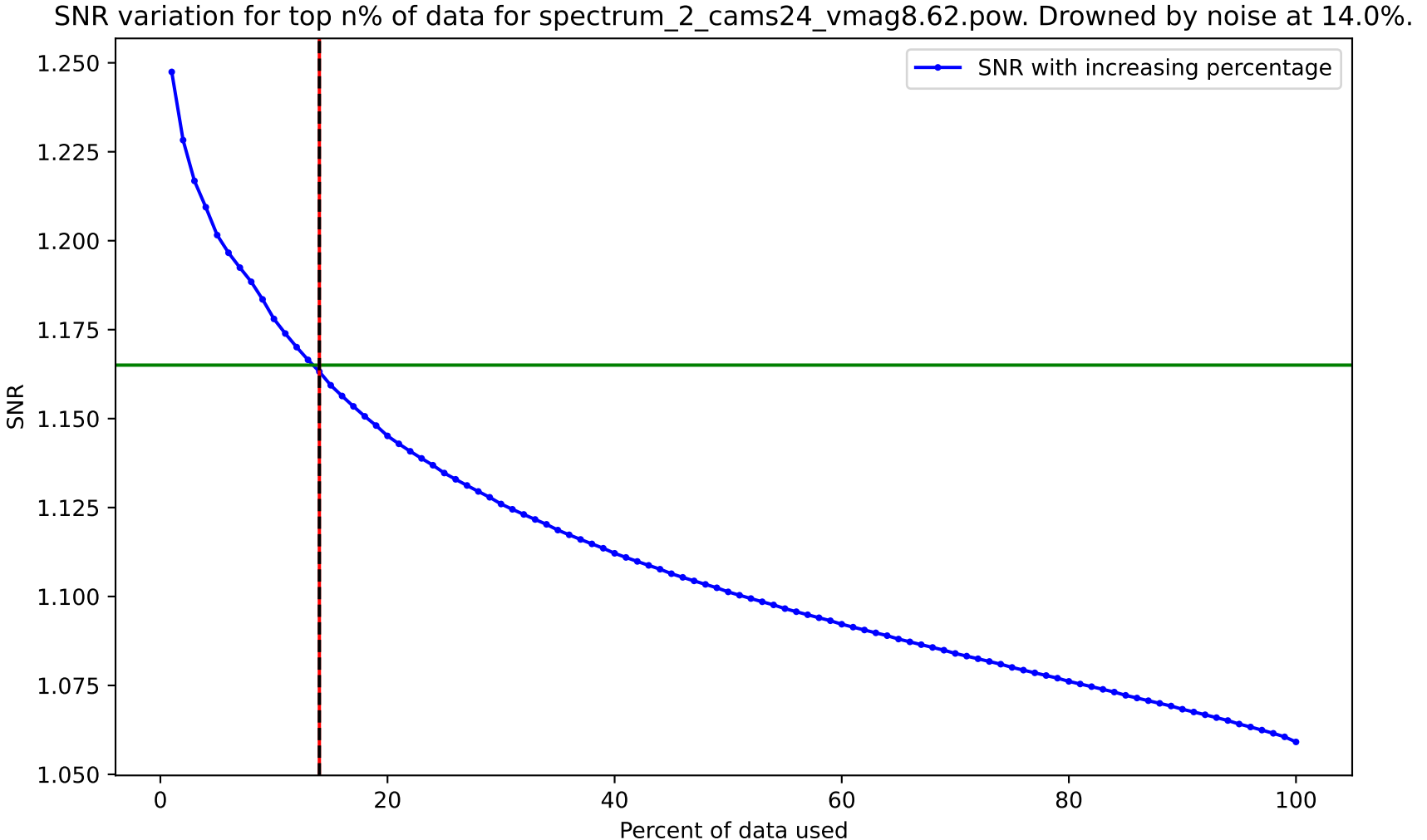

SNR vs Central Frequency for spectrum_2_cams24_vmag7.97.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

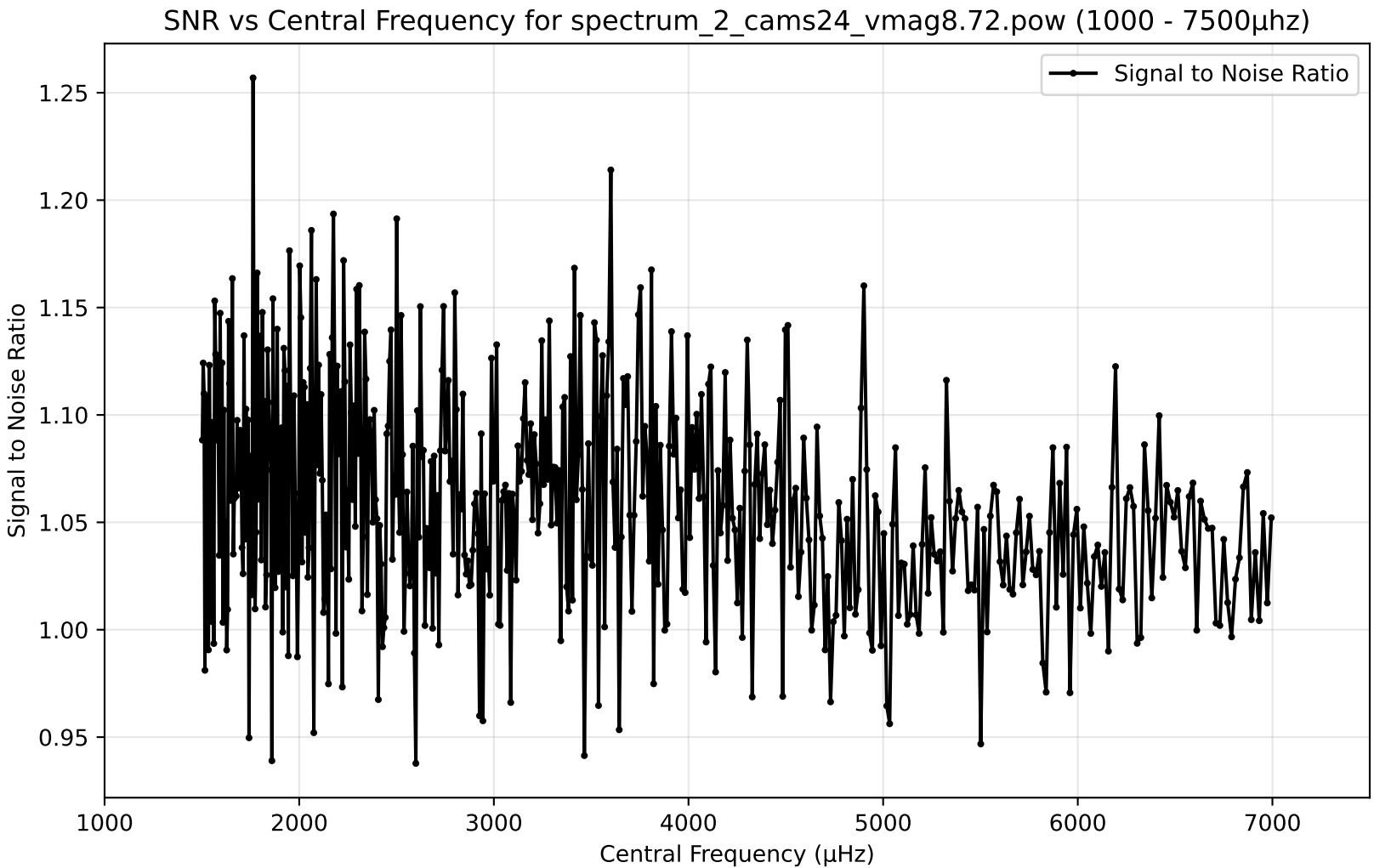

SNR variation for top n% of data for spectrum_2_cams24_vmag7.97.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

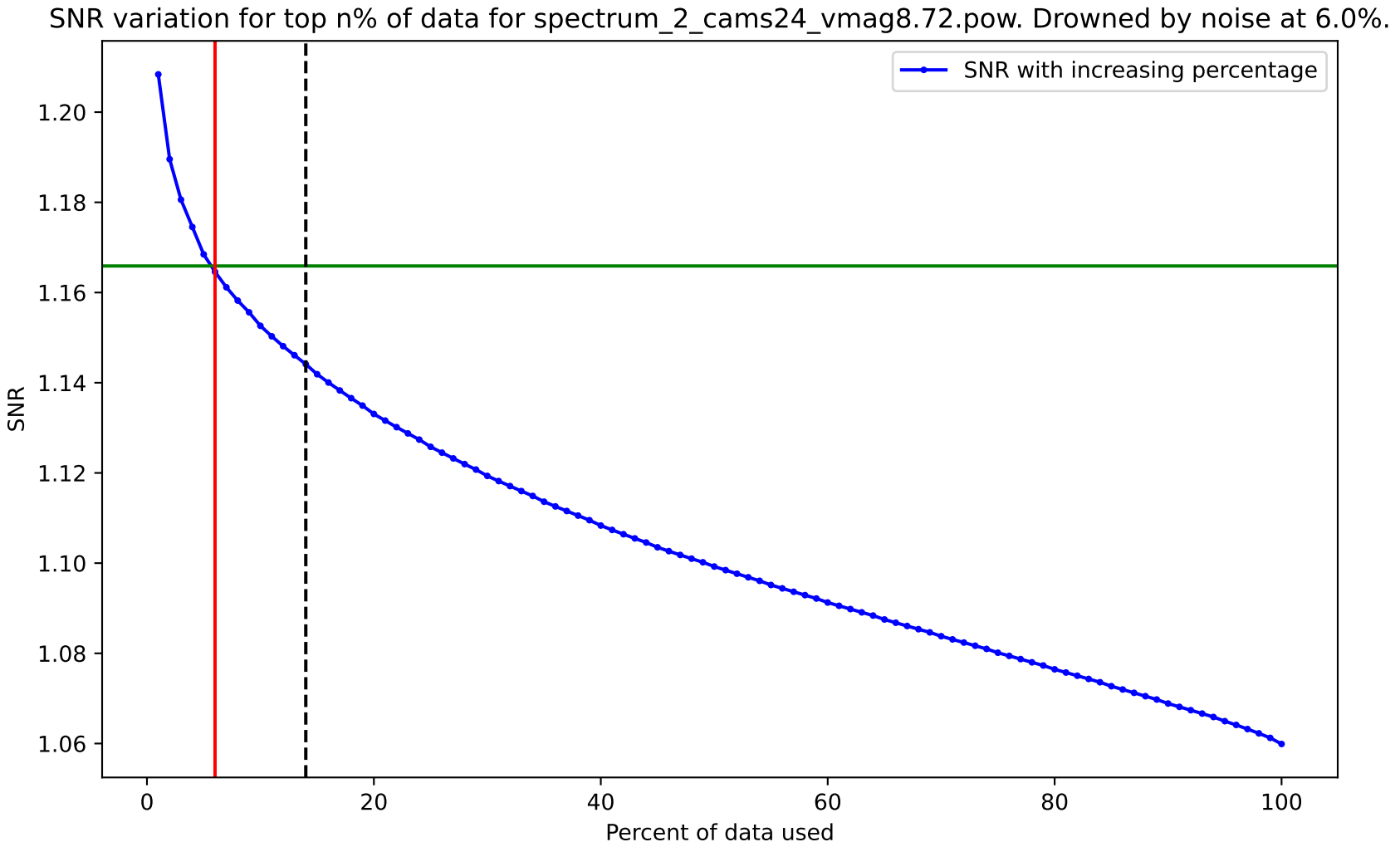

SNR vs Central Frequency for spectrum_2_cams24_vmag8.08.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

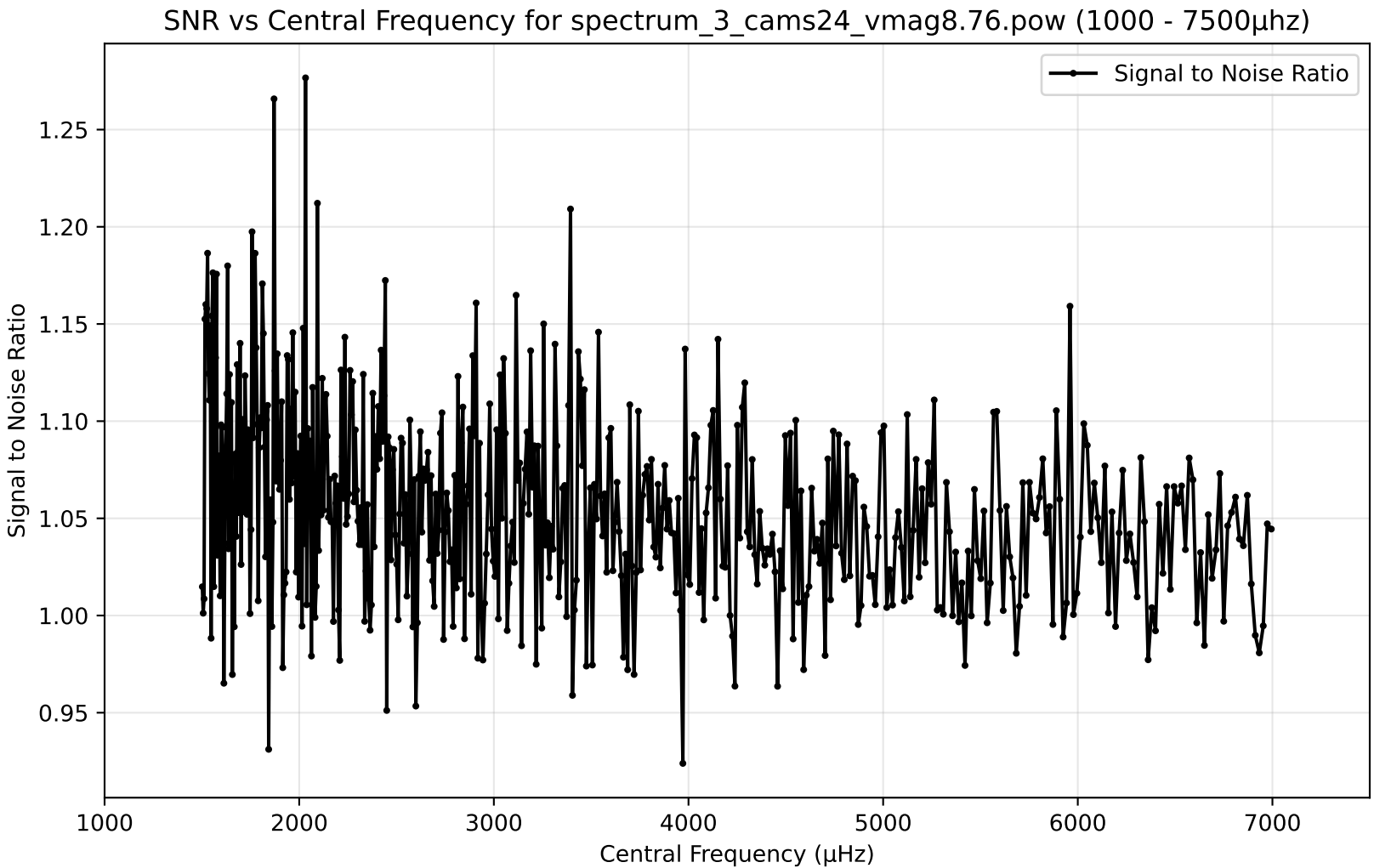

SNR variation for top n% of data for spectrum_2_cams24_vmag8.08.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

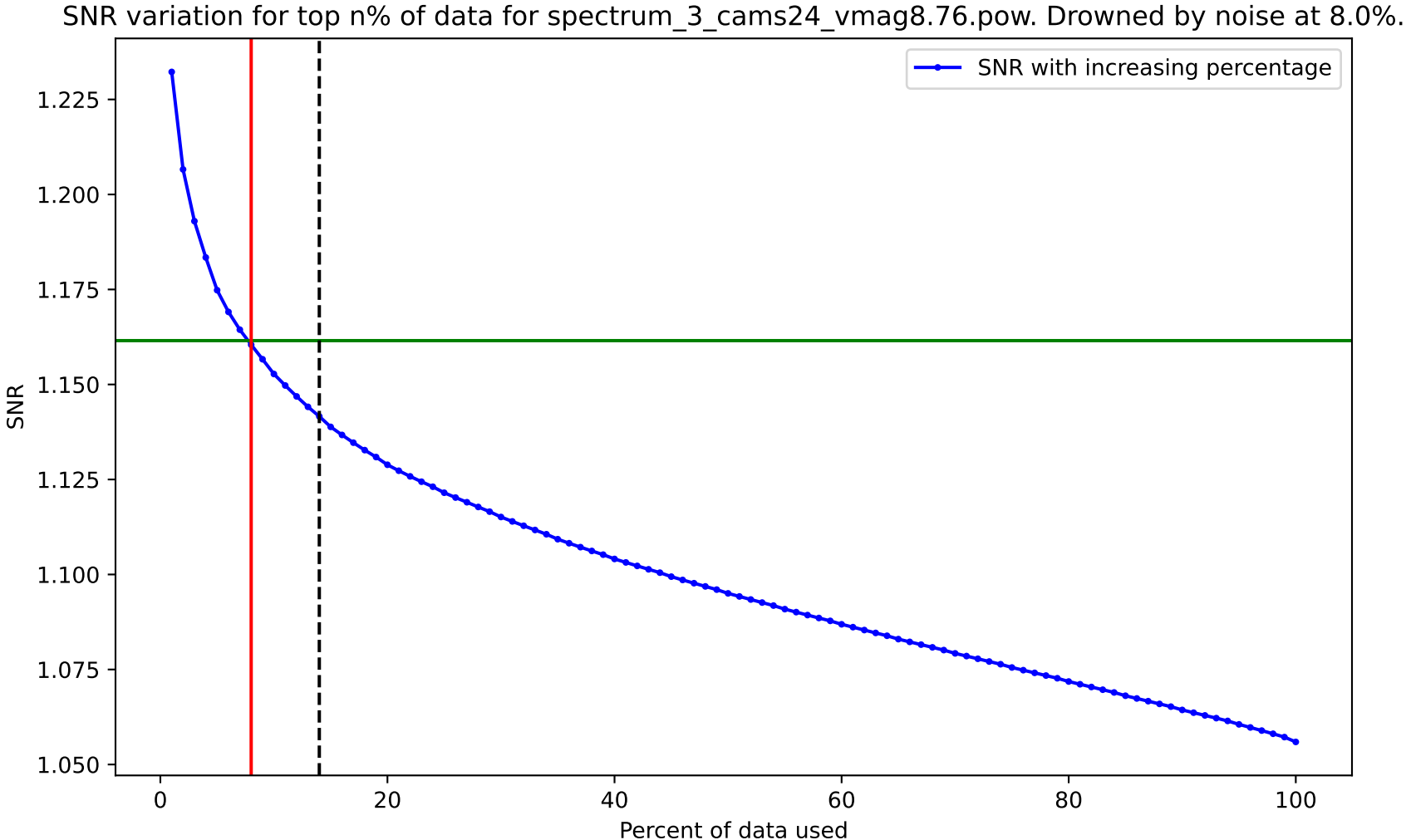

SNR vs Central Frequency for spectrum_2_cams24_vmag8.62.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

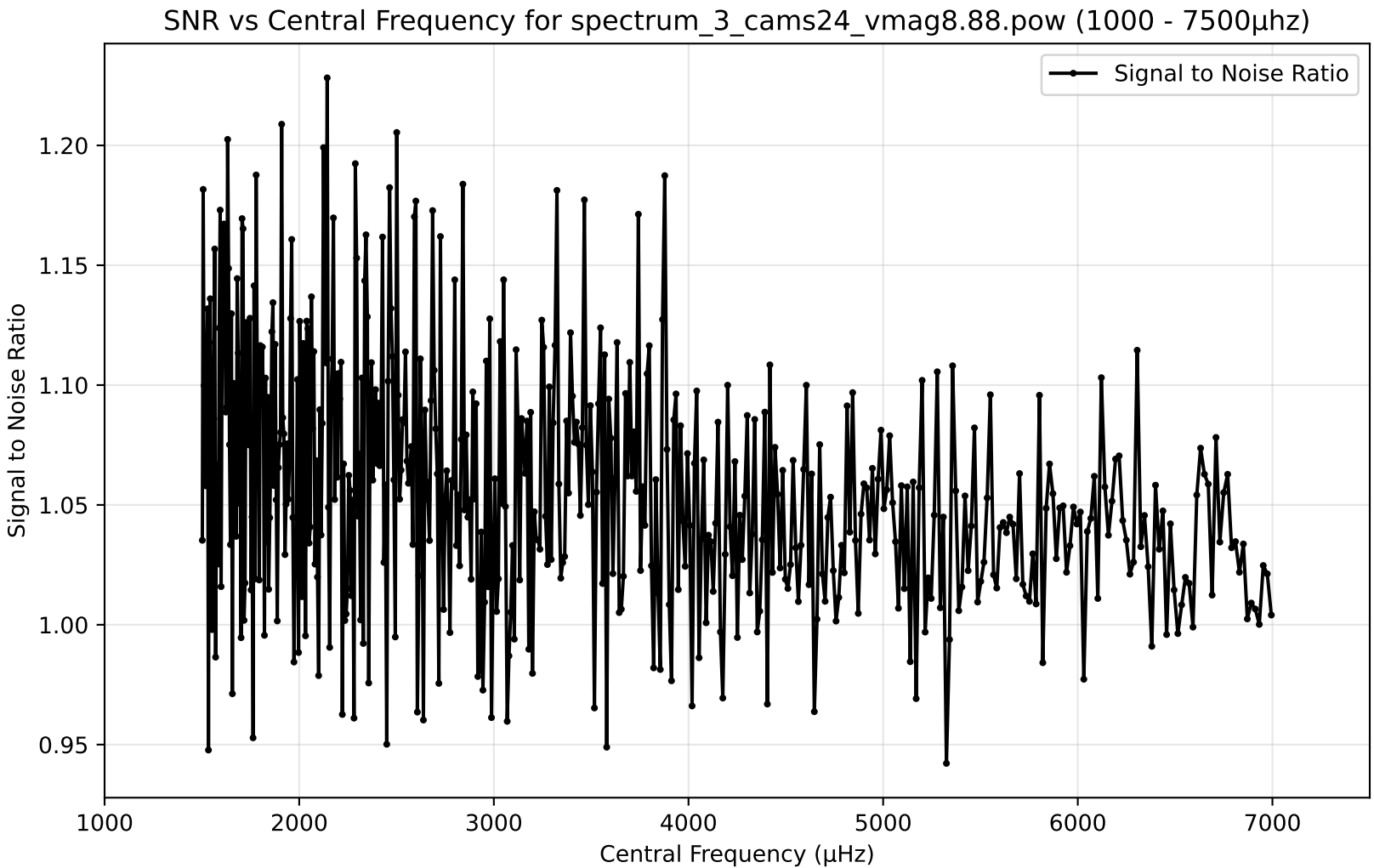

SNR variation for top n% of data for spectrum_2_cams24_vmag8.62.pow. Drowned by noise at 14.0%.
SNR with increasing percentage
SNR
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

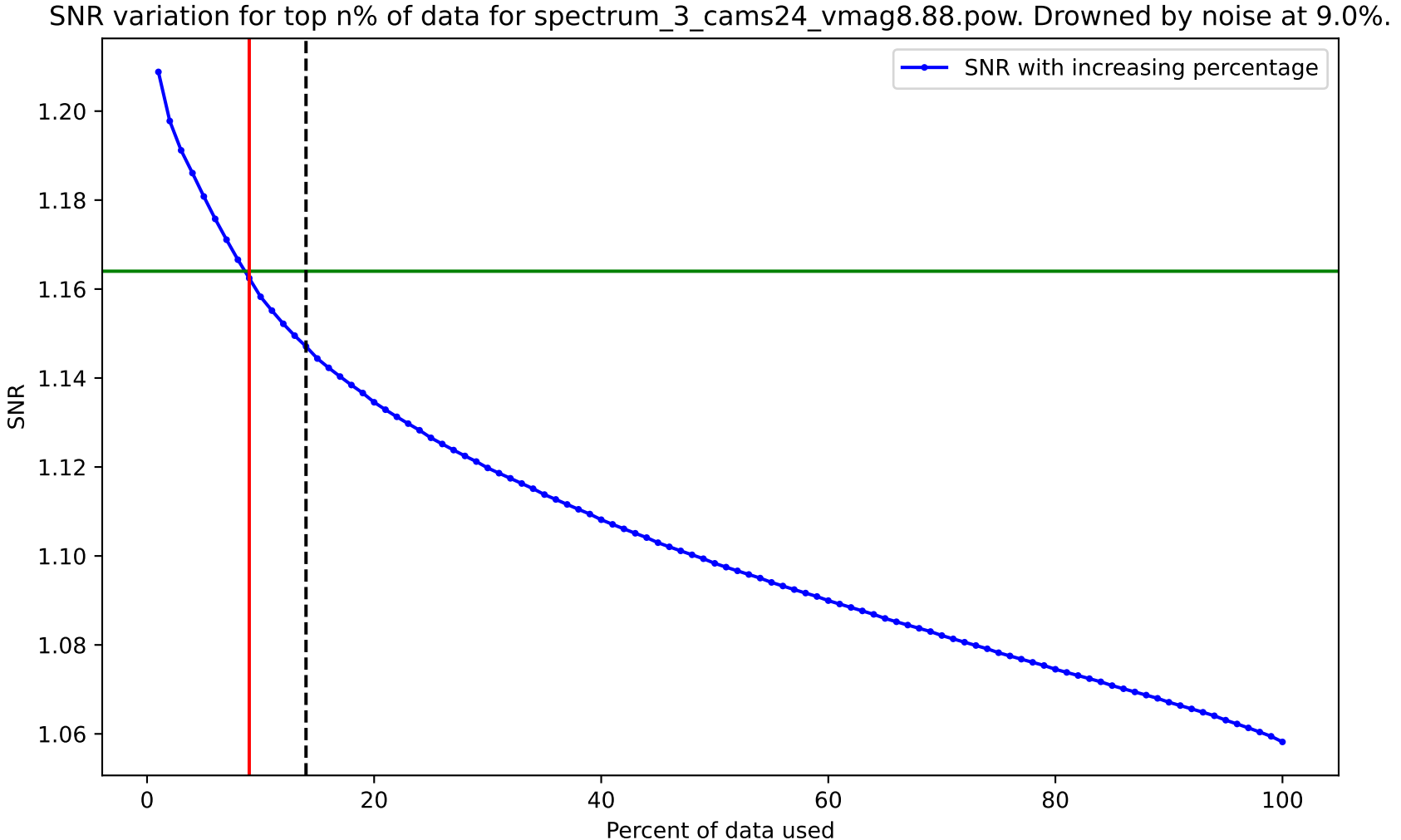

SNR vs Central Frequency for spectrum_2_cams24_vmag8.72.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

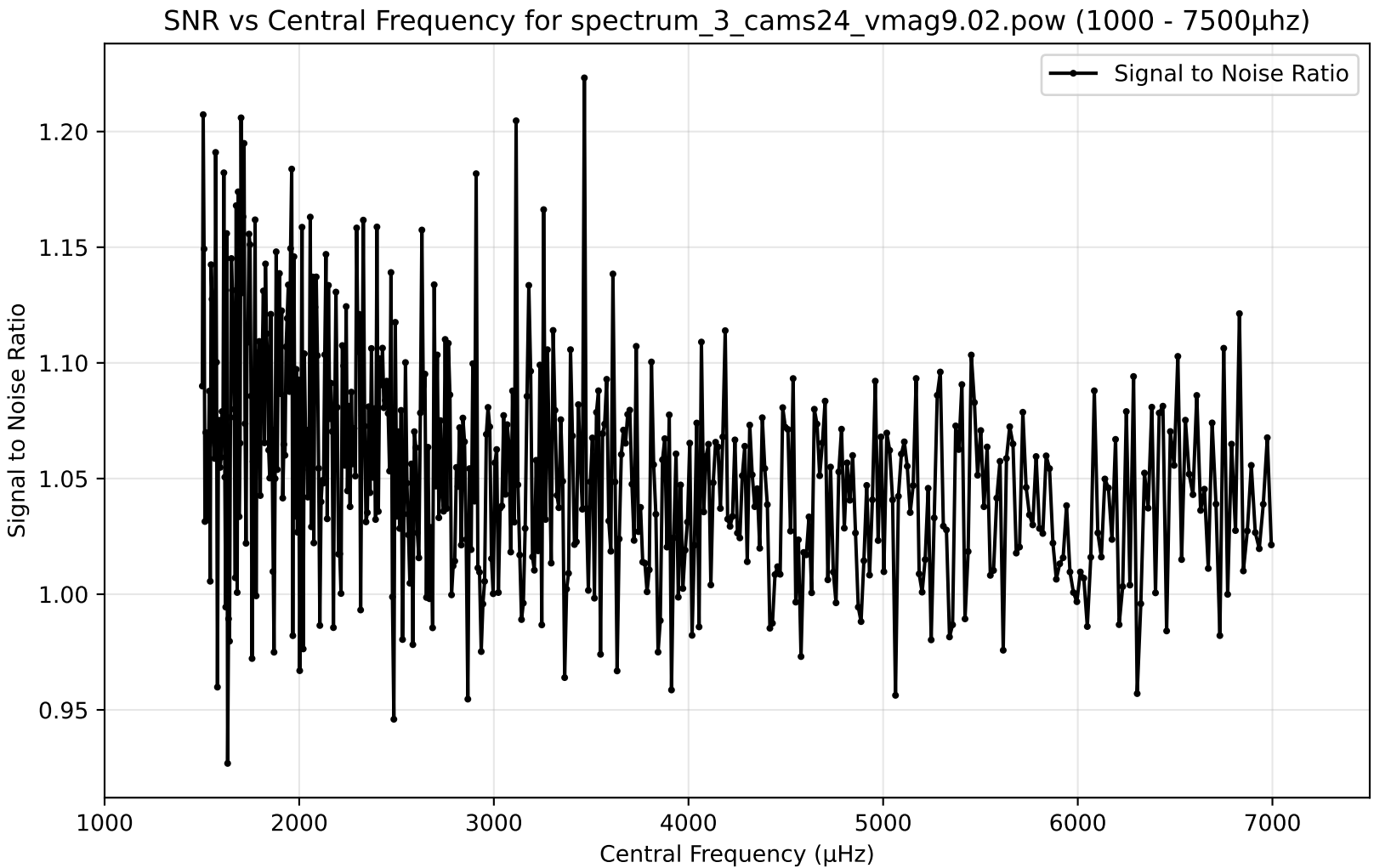

SNR variation for top n% of data for spectrum_2_cams24_vmag8.72.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

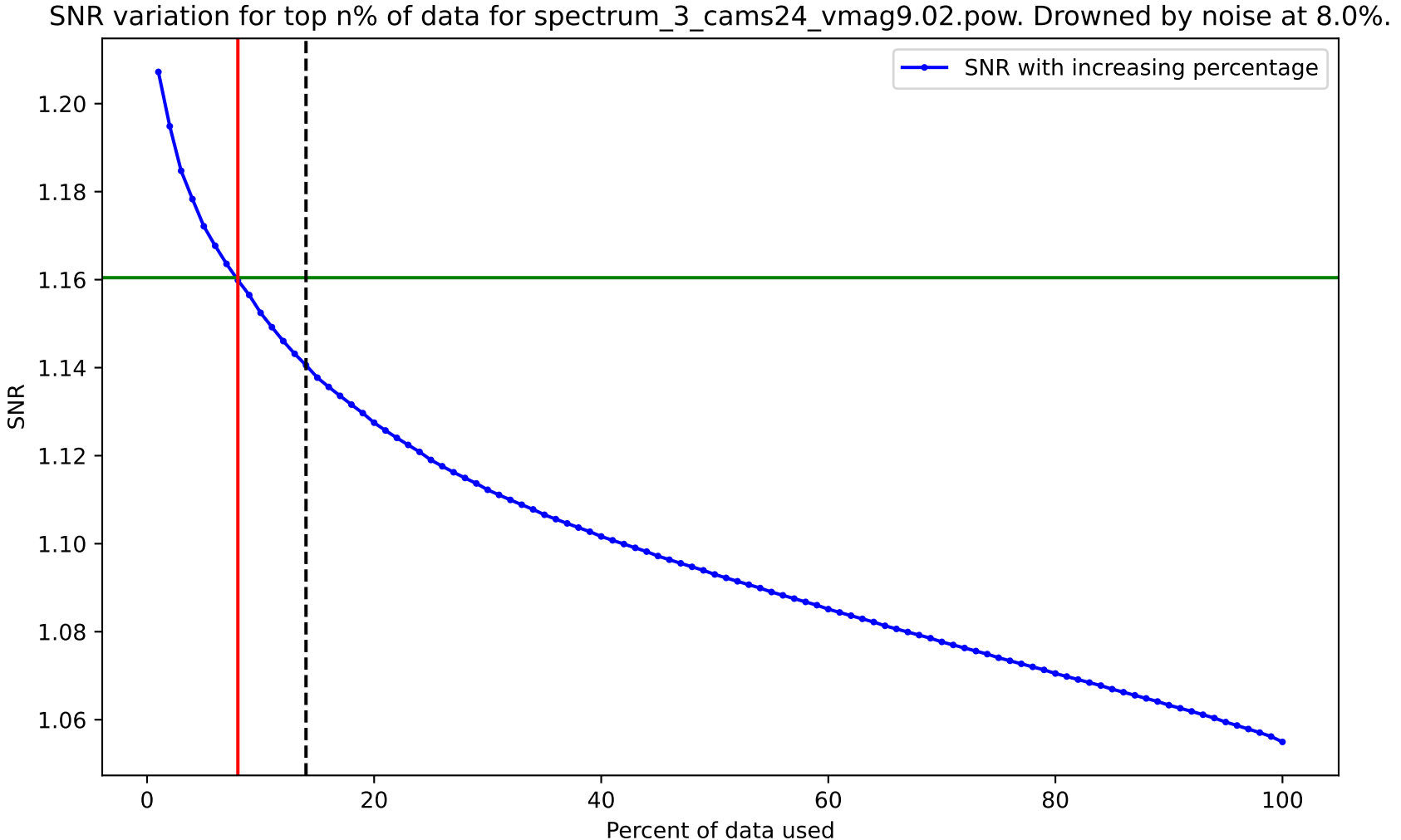

SNR vs Central Frequency for spectrum_3_cams24_vmag8.76.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

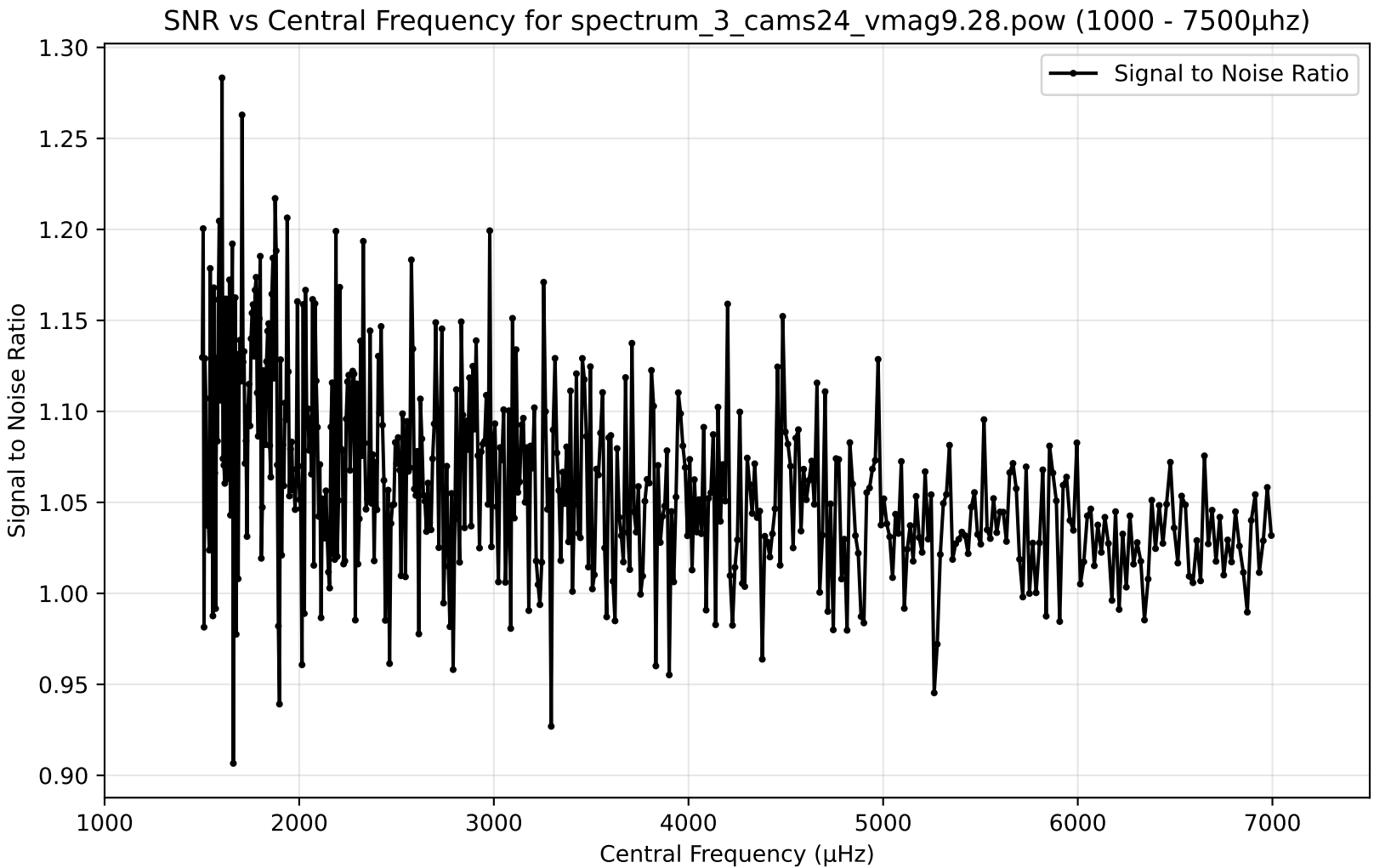

SNR variation for top n% of data for spectrum_3_cams24_vmag8.76.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

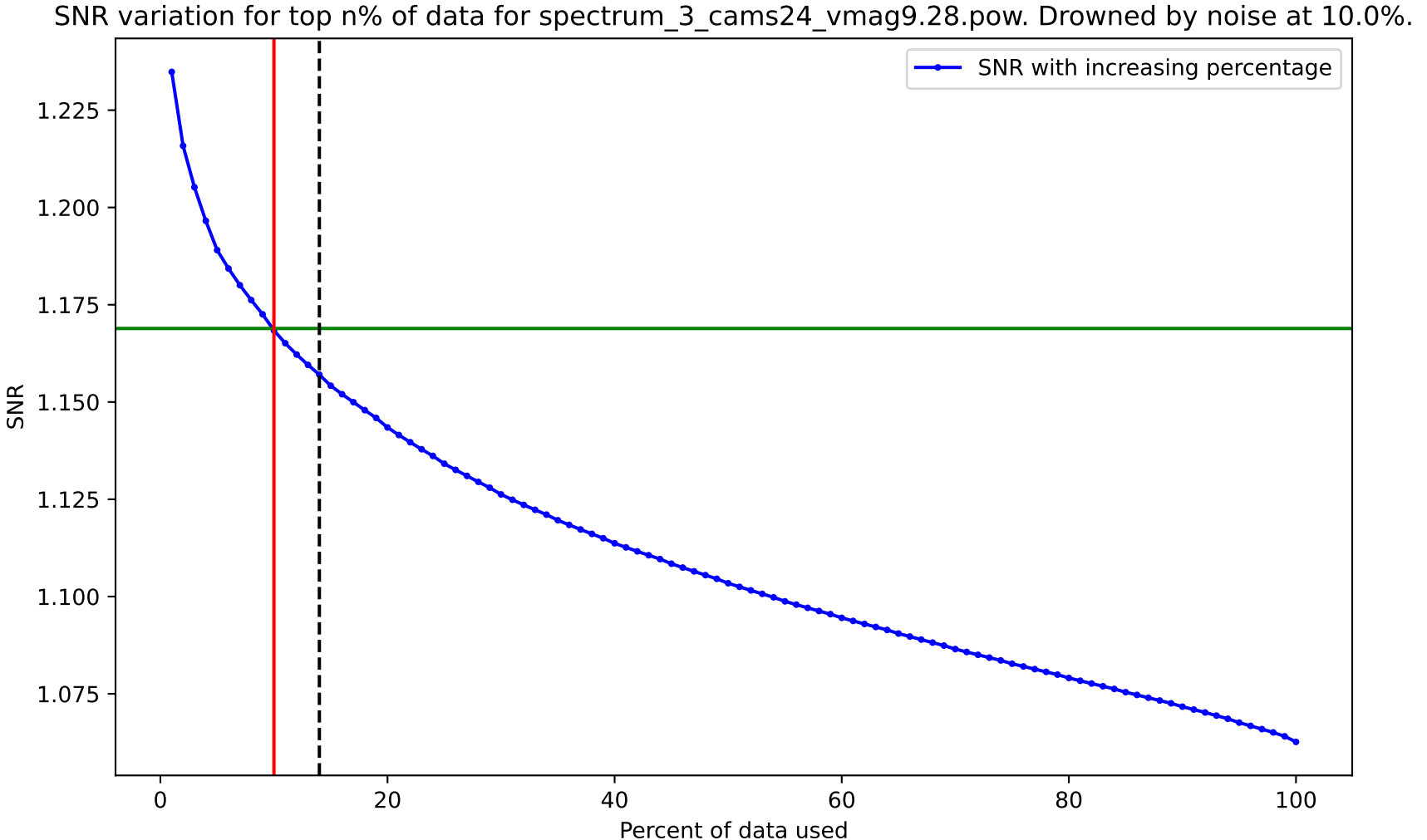

SNR vs Central Frequency for spectrum_3_cams24_vmag8.88.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

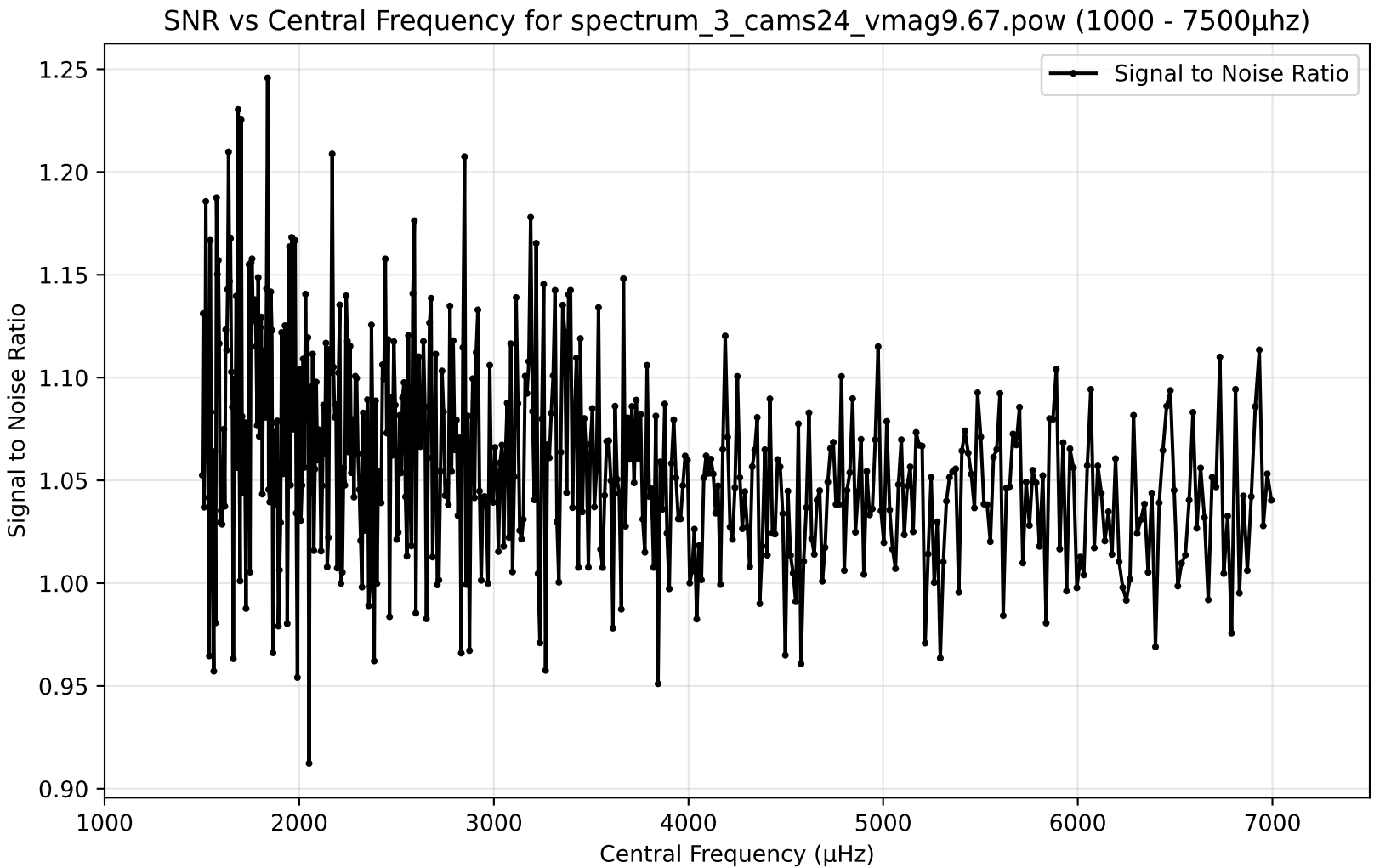

SNR variation for top n% of data for spectrum_3_cams24_vmag8.88.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

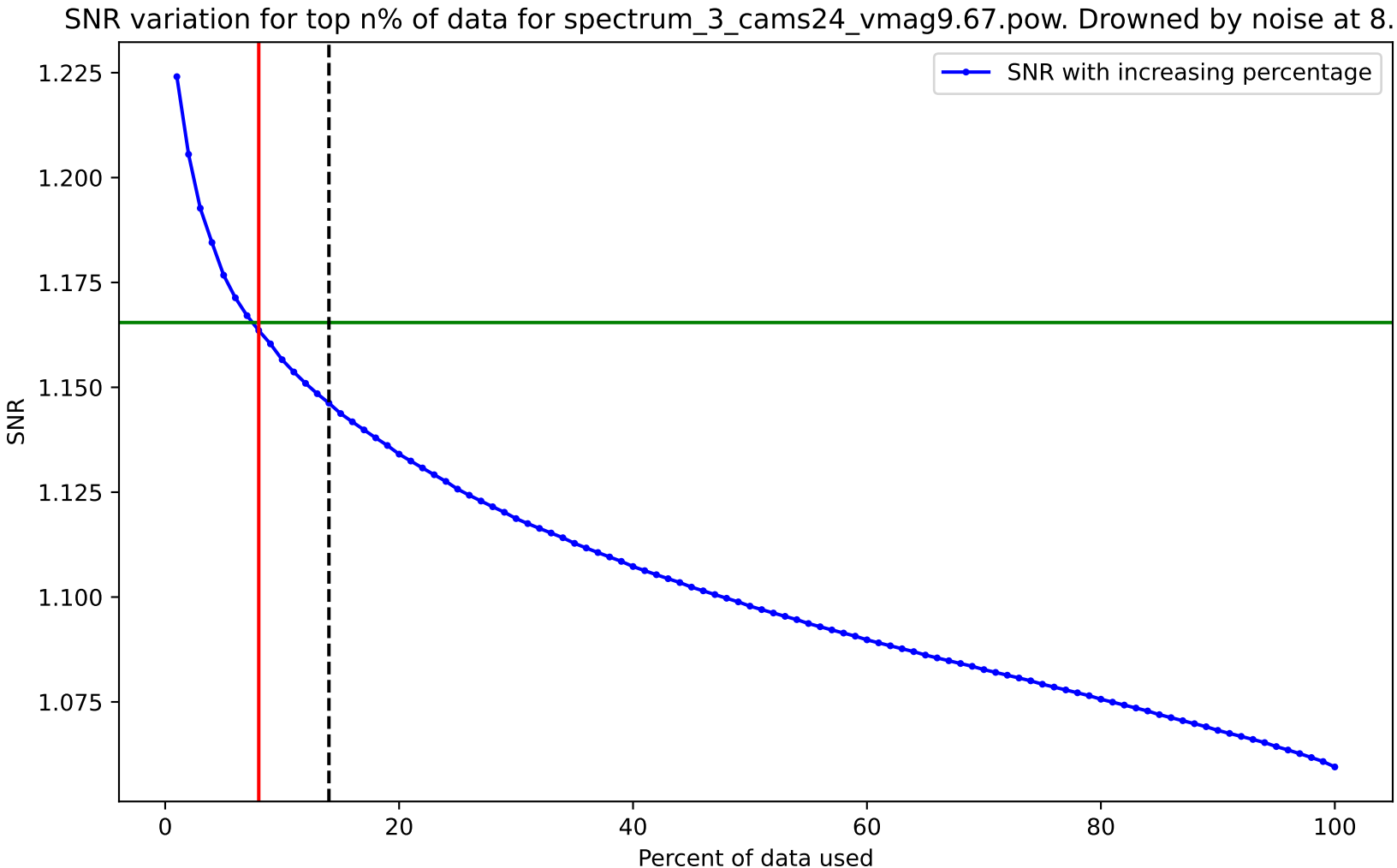

SNR vs Central Frequency for spectrum_3_cams24_vmag9.02.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

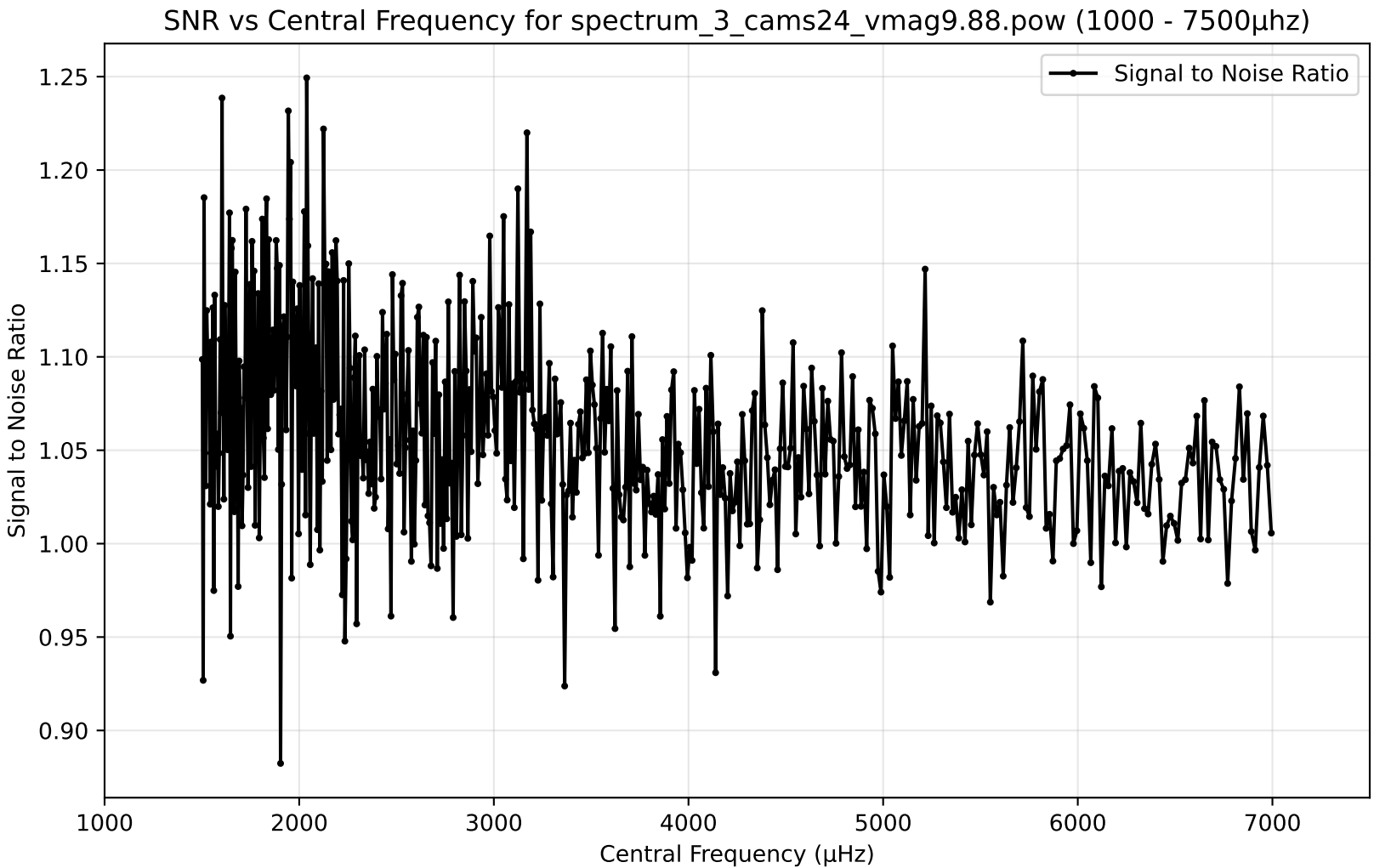

SNR variation for top n% of data for spectrum_3_cams24_vmag9.02.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

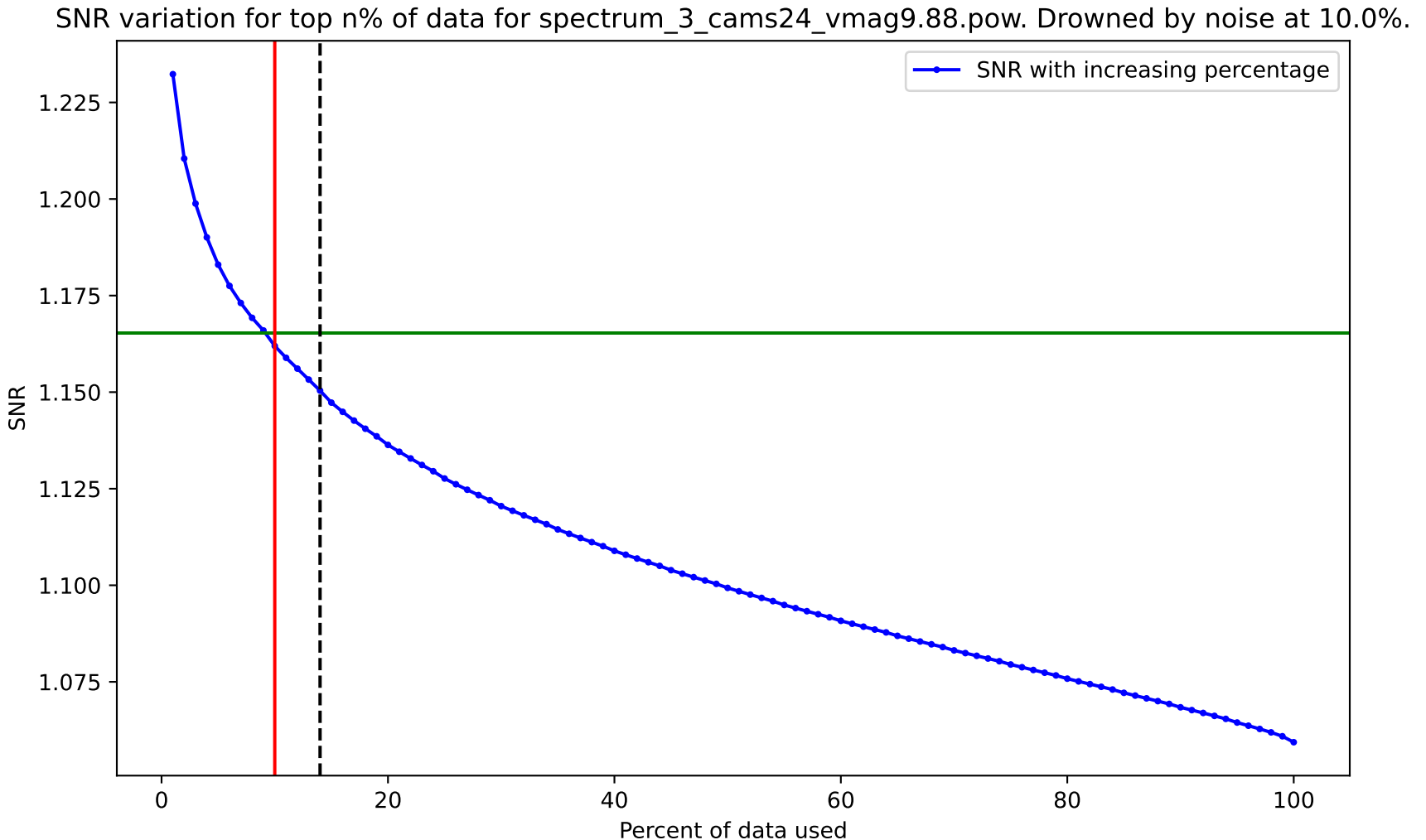

SNR vs Central Frequency for spectrum_3_cams24_vmag9.28.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

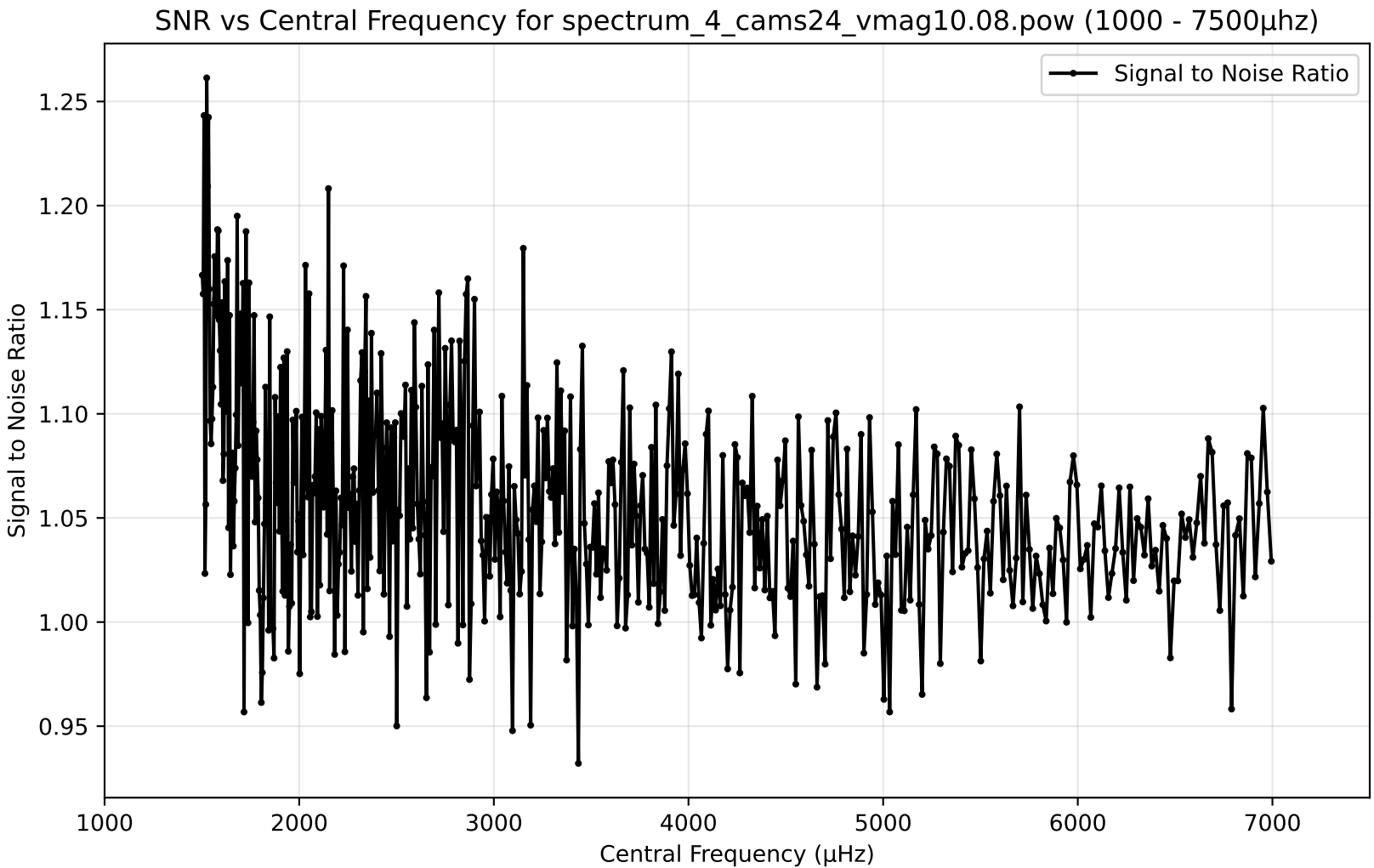

SNR variation for top n% of data for spectrum_3_cams24_vmag9.28.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

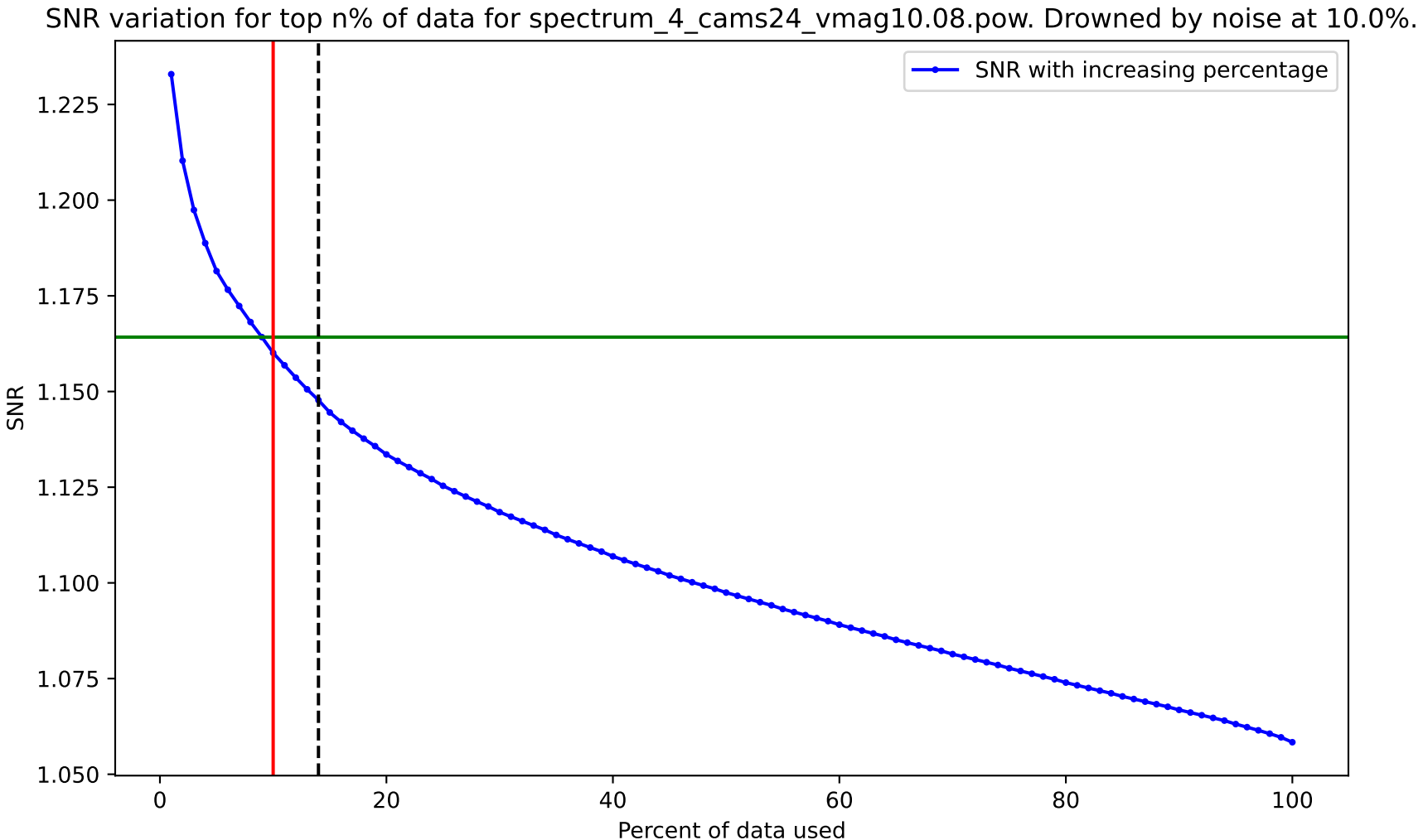

SNR vs Central Frequency for spectrum_3_cams24_vmag9.67.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

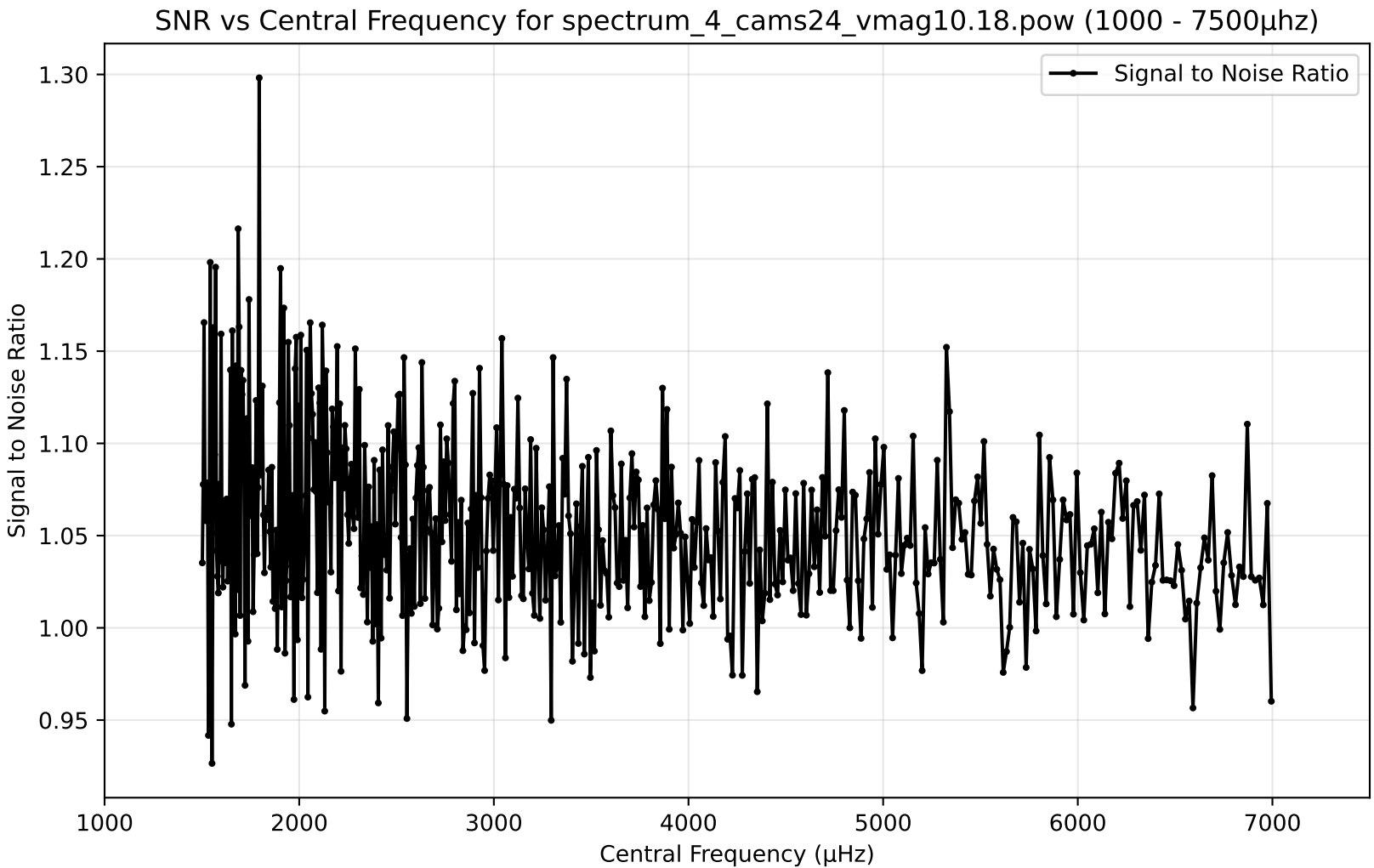

SNR variation for top n% of data for spectrum_3_cams24_vmag9.67.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

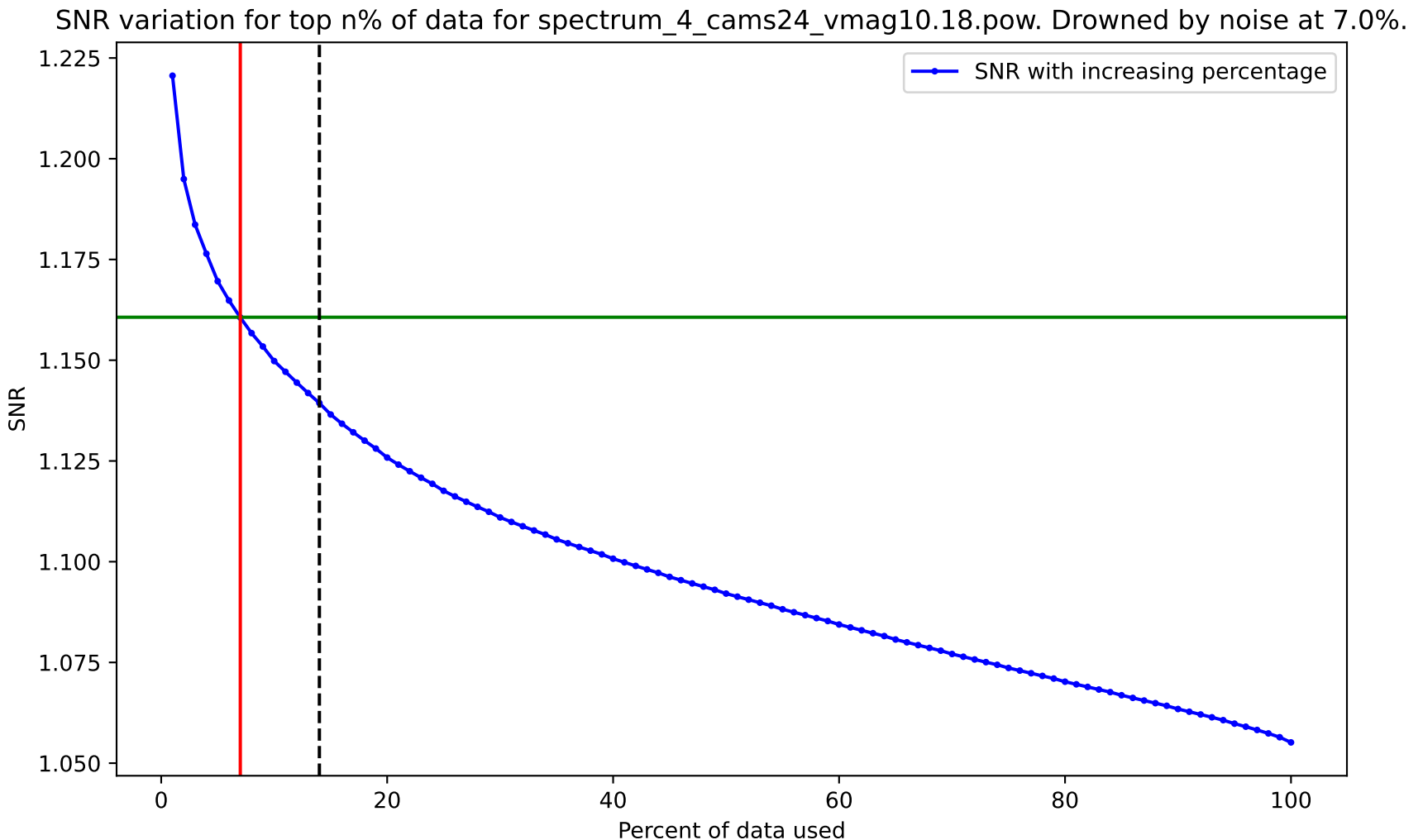

SNR vs Central Frequency for spectrum_3_cams24_vmag9.88.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

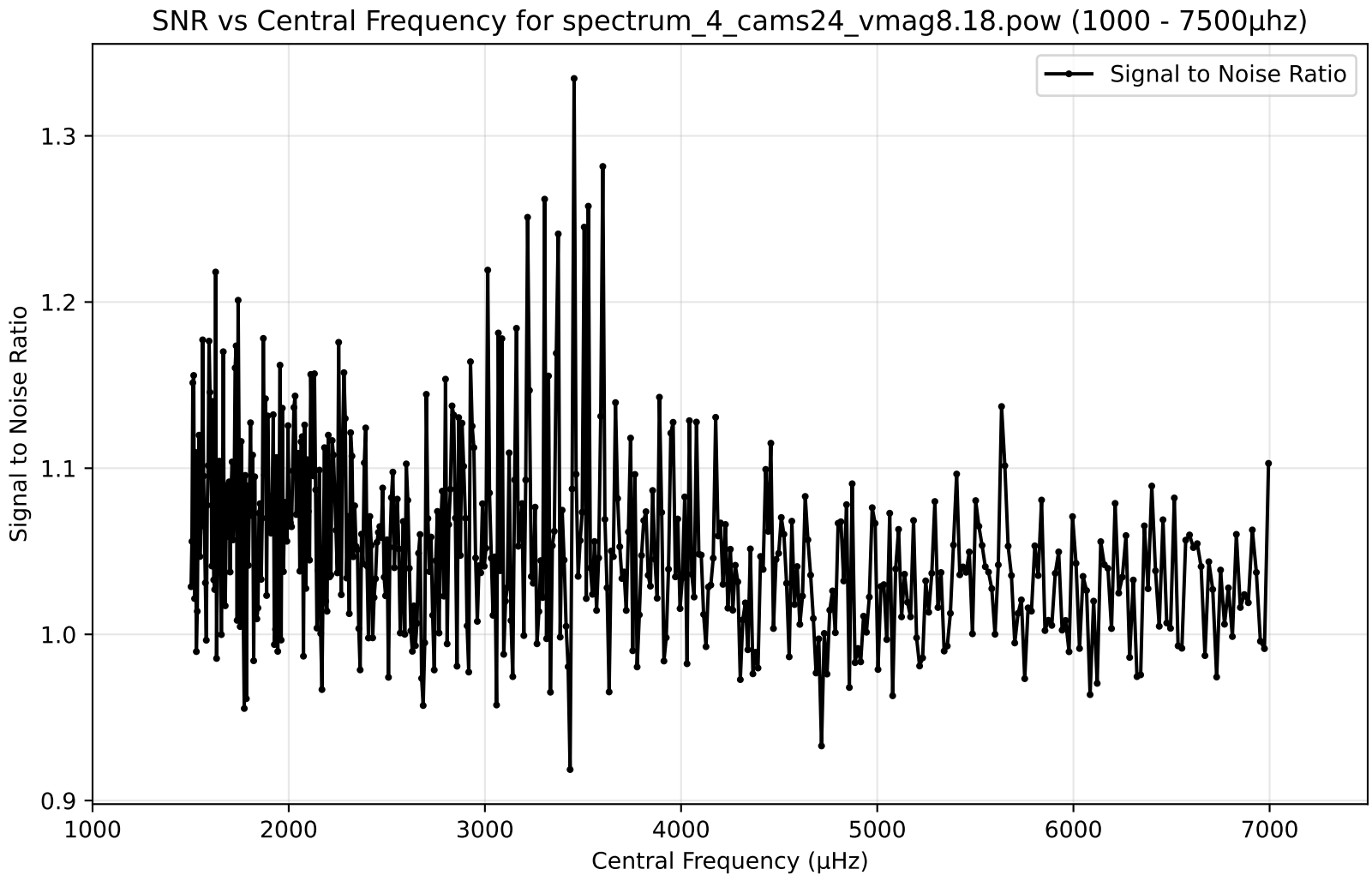

SNR variation for top n% of data for spectrum_3_cams24_vmag9.88.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

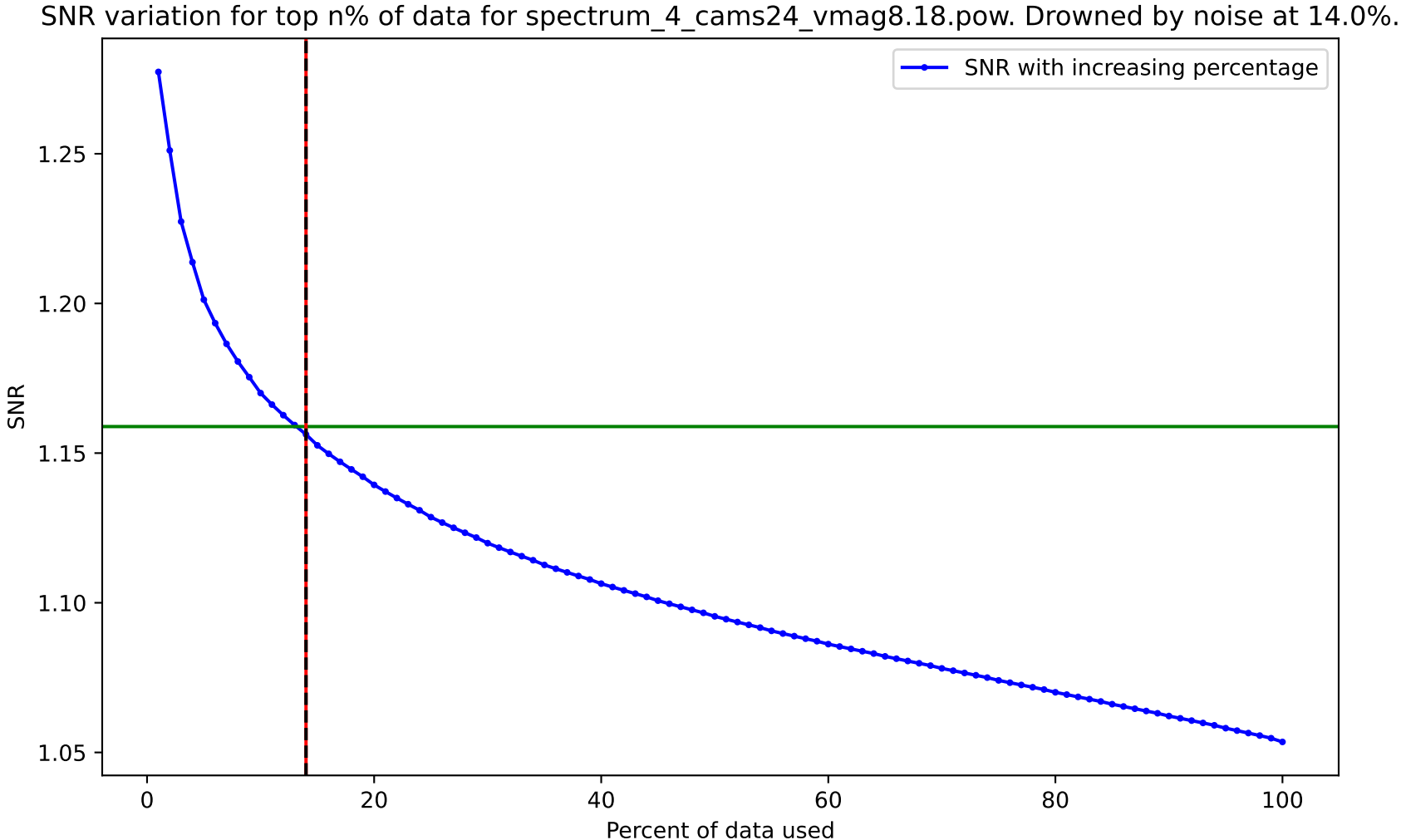

SNR vs Central Frequency for spectrum_4_cams24_vmag10.08.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

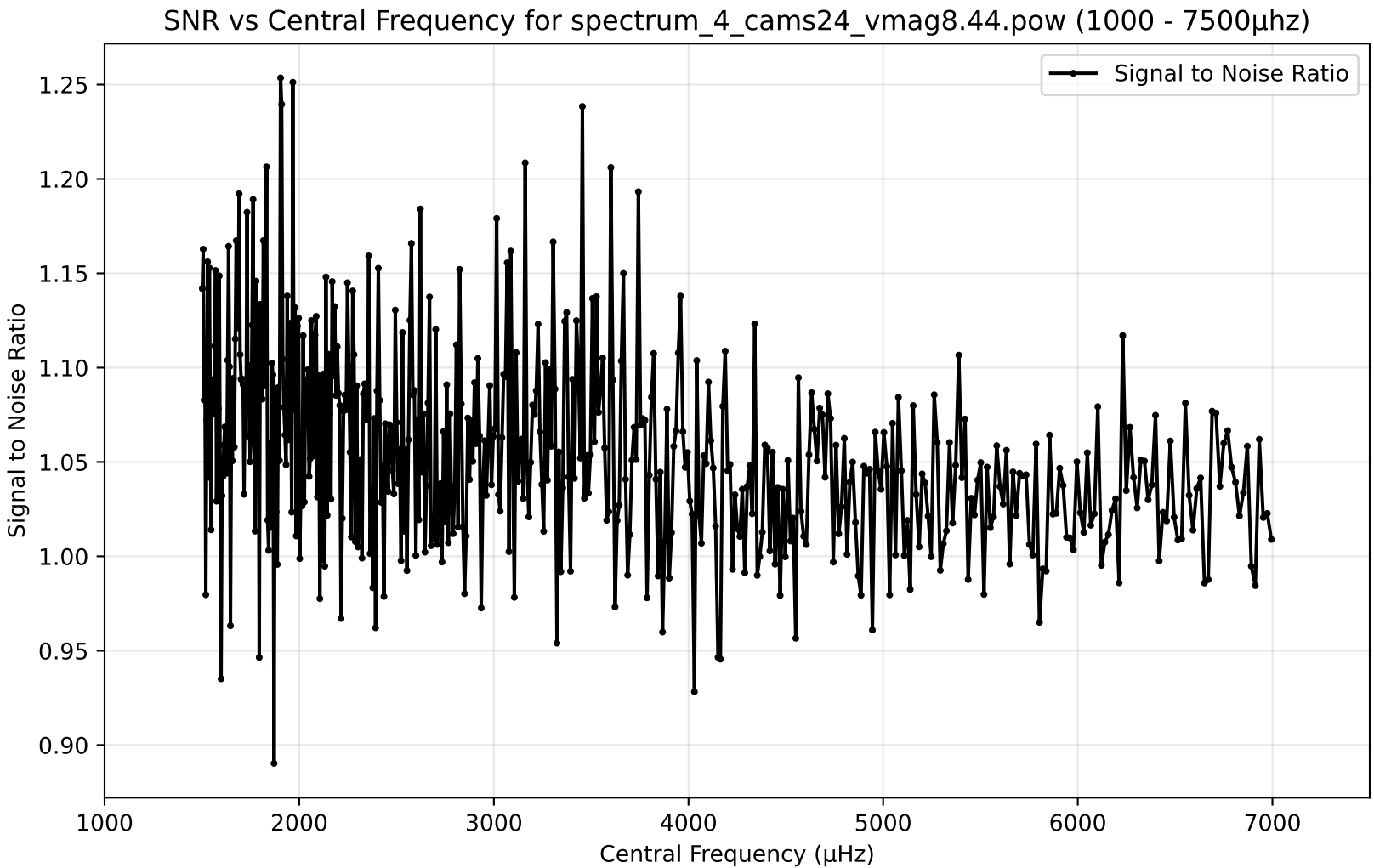

SNR variation for top n% of data for spectrum_4_cams24_vmag10.08.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

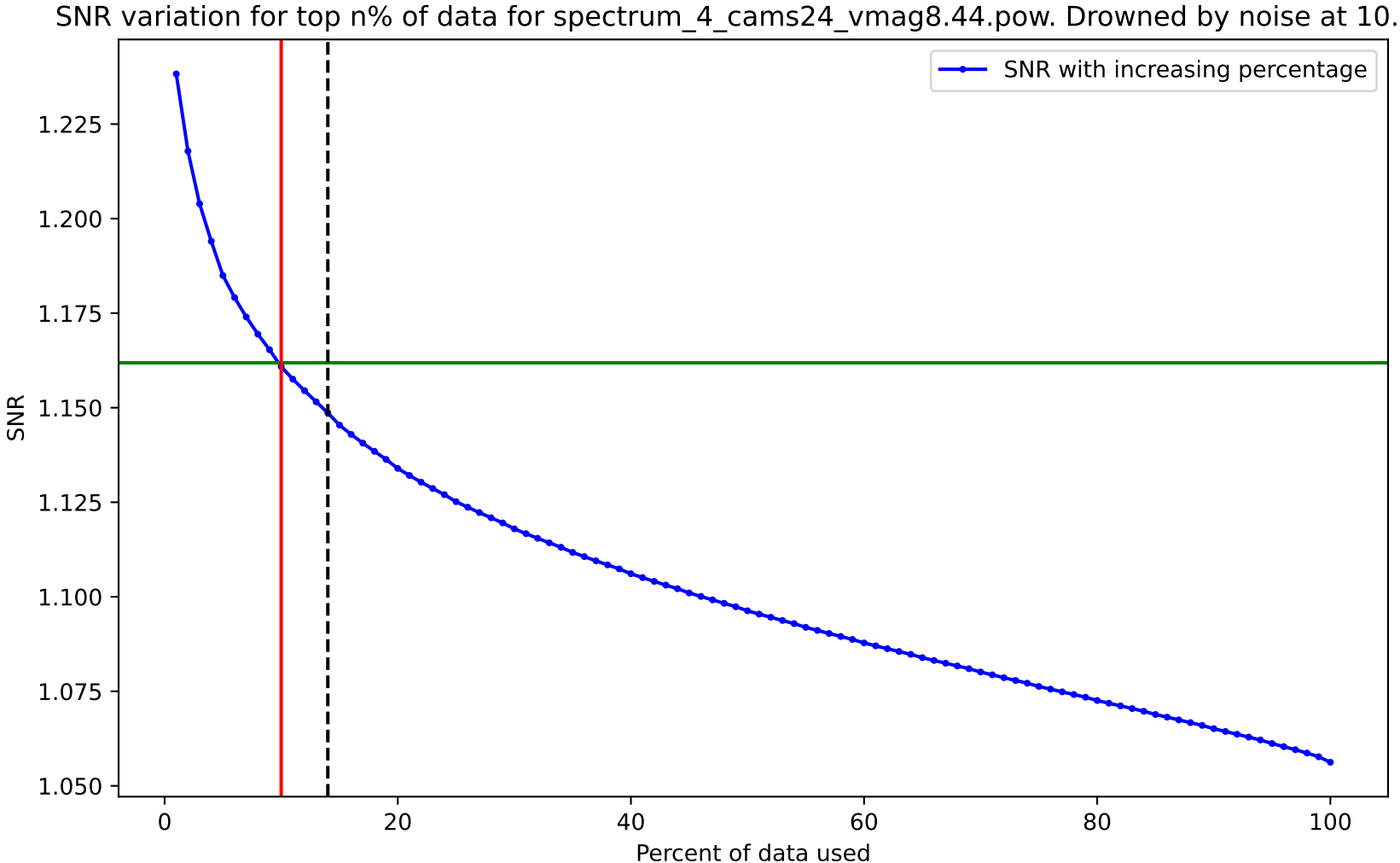

SNR vs Central Frequency for spectrum_4_cams24_vmag10.18.pow (1000 - 7500μhz)
Signal to Noise Ratio
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

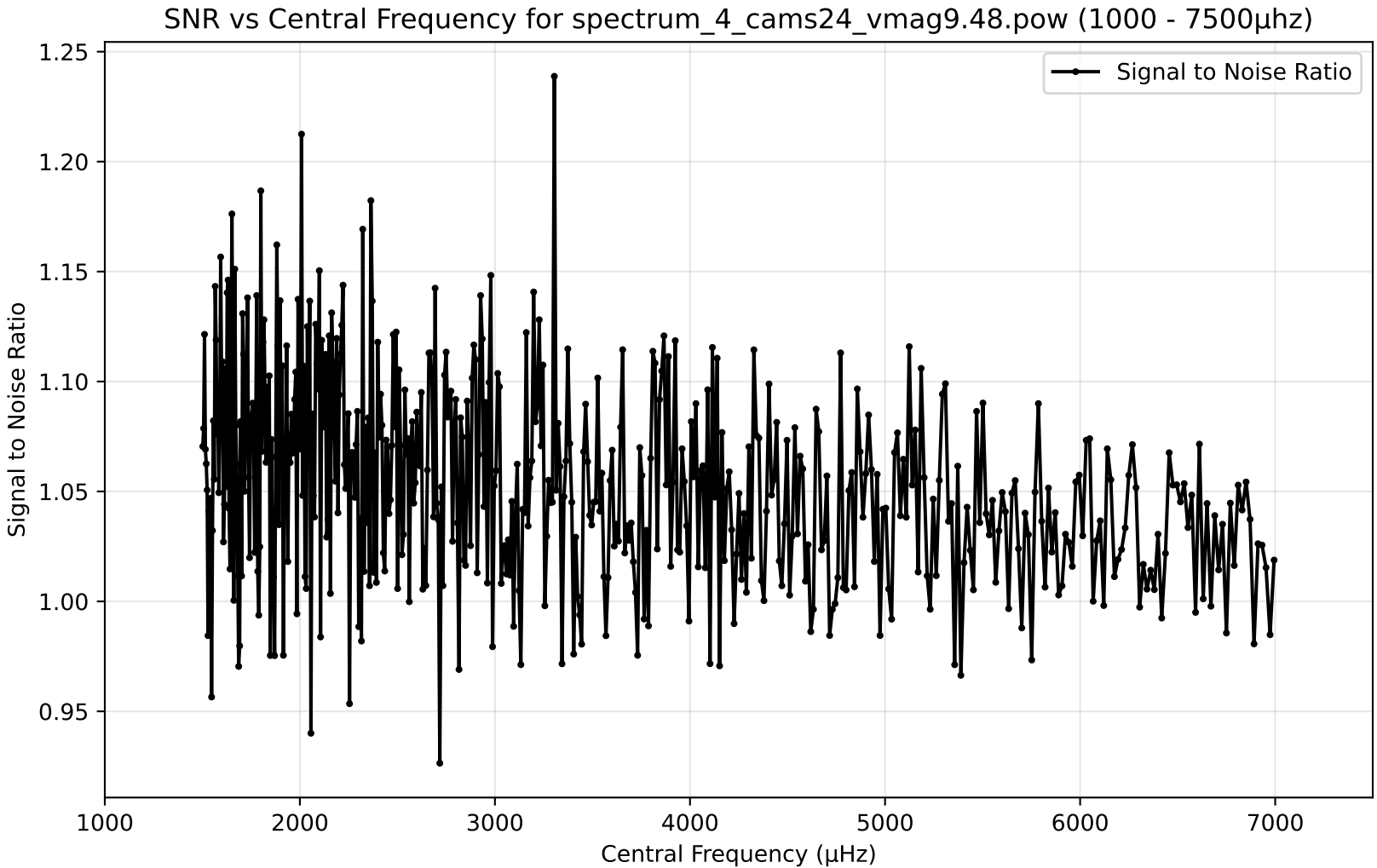

SNR variation for top n% of data for spectrum_4_cams24_vmag10.18.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
Percent of data used
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

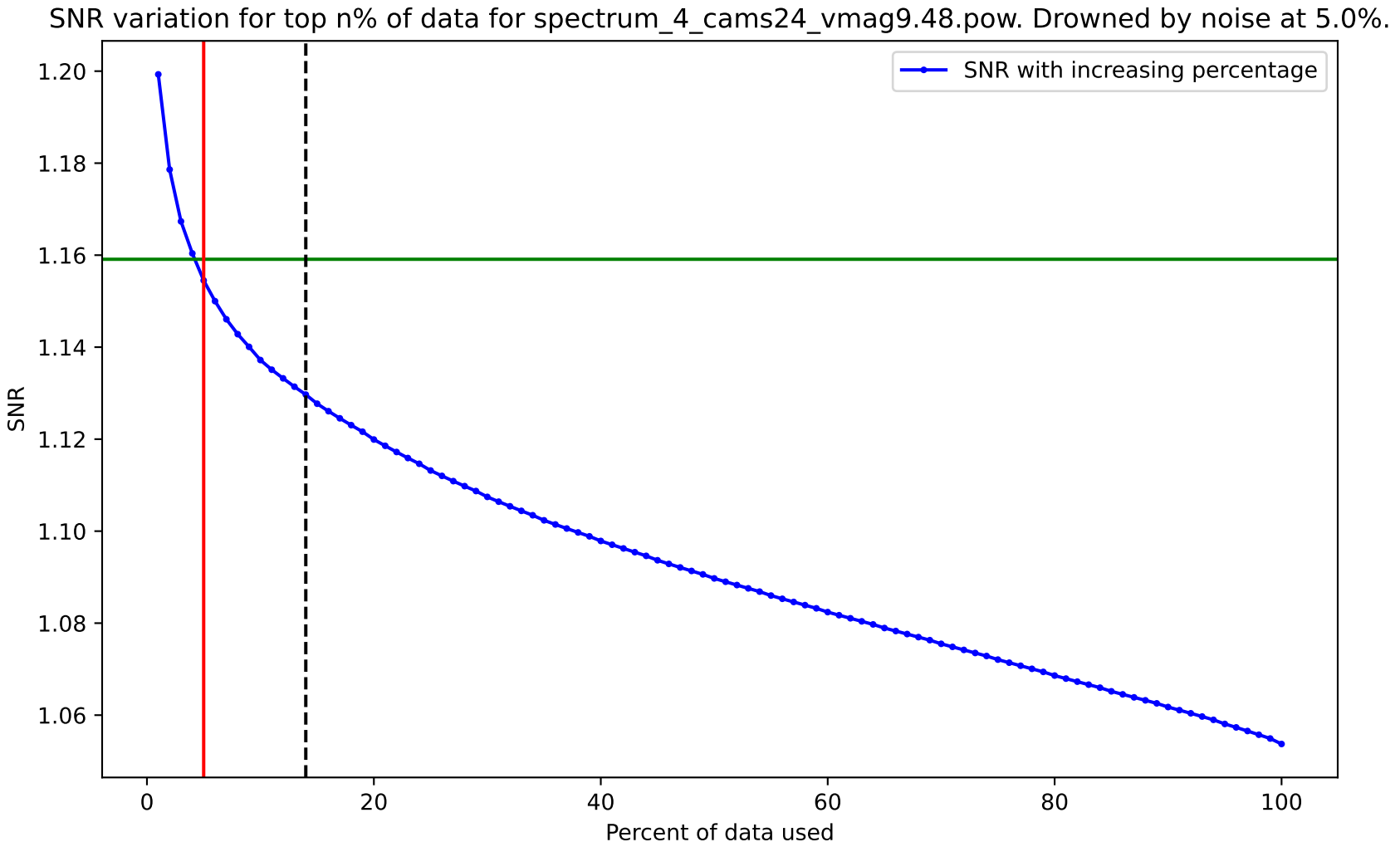

SNR vs Central Frequency for spectrum_4_cams24_vmag8.18.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
0.9
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000

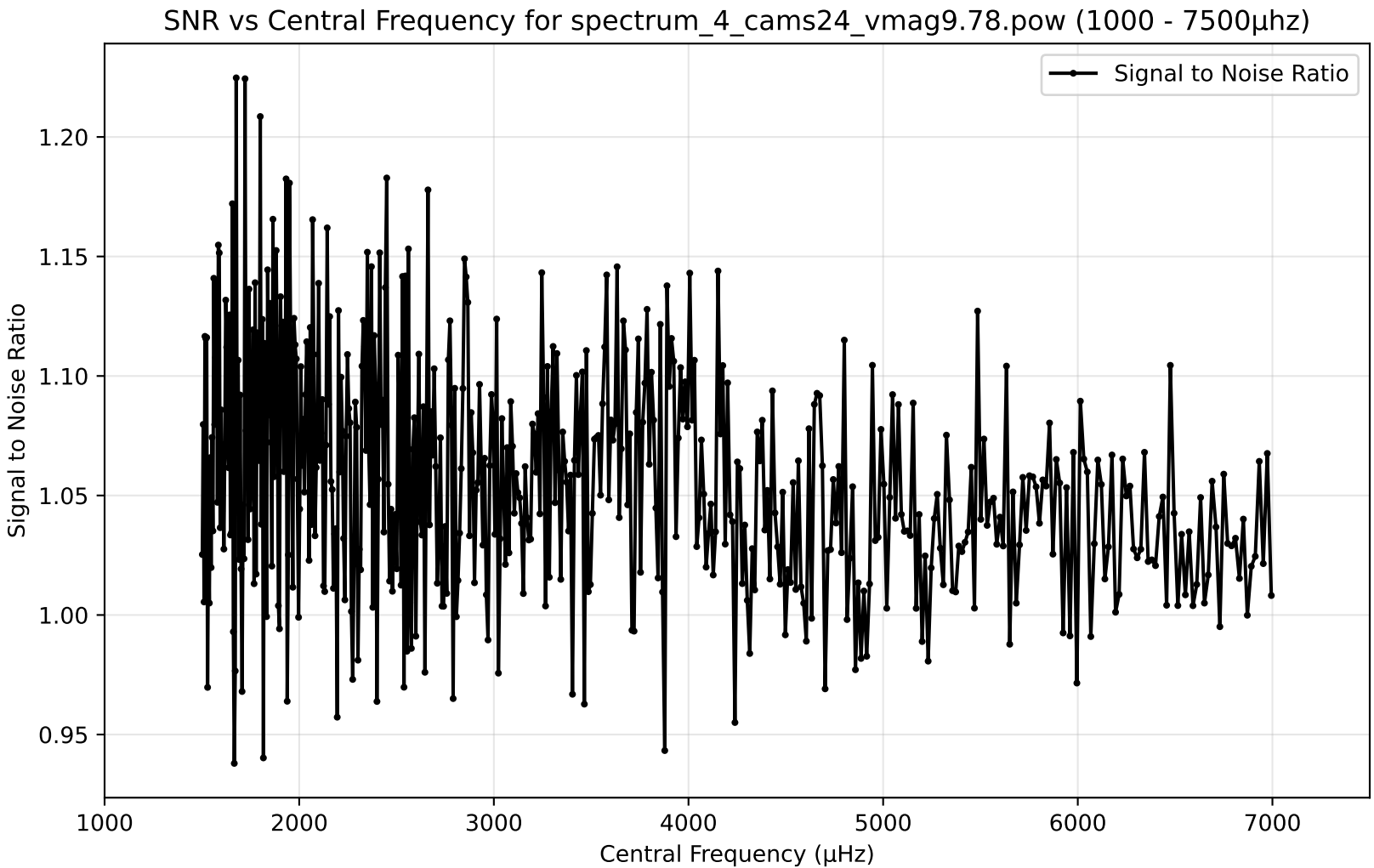

SNR variation for top n% of data for spectrum_4_cams24_vmag8.18.pow. Drowned by noise at 14.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

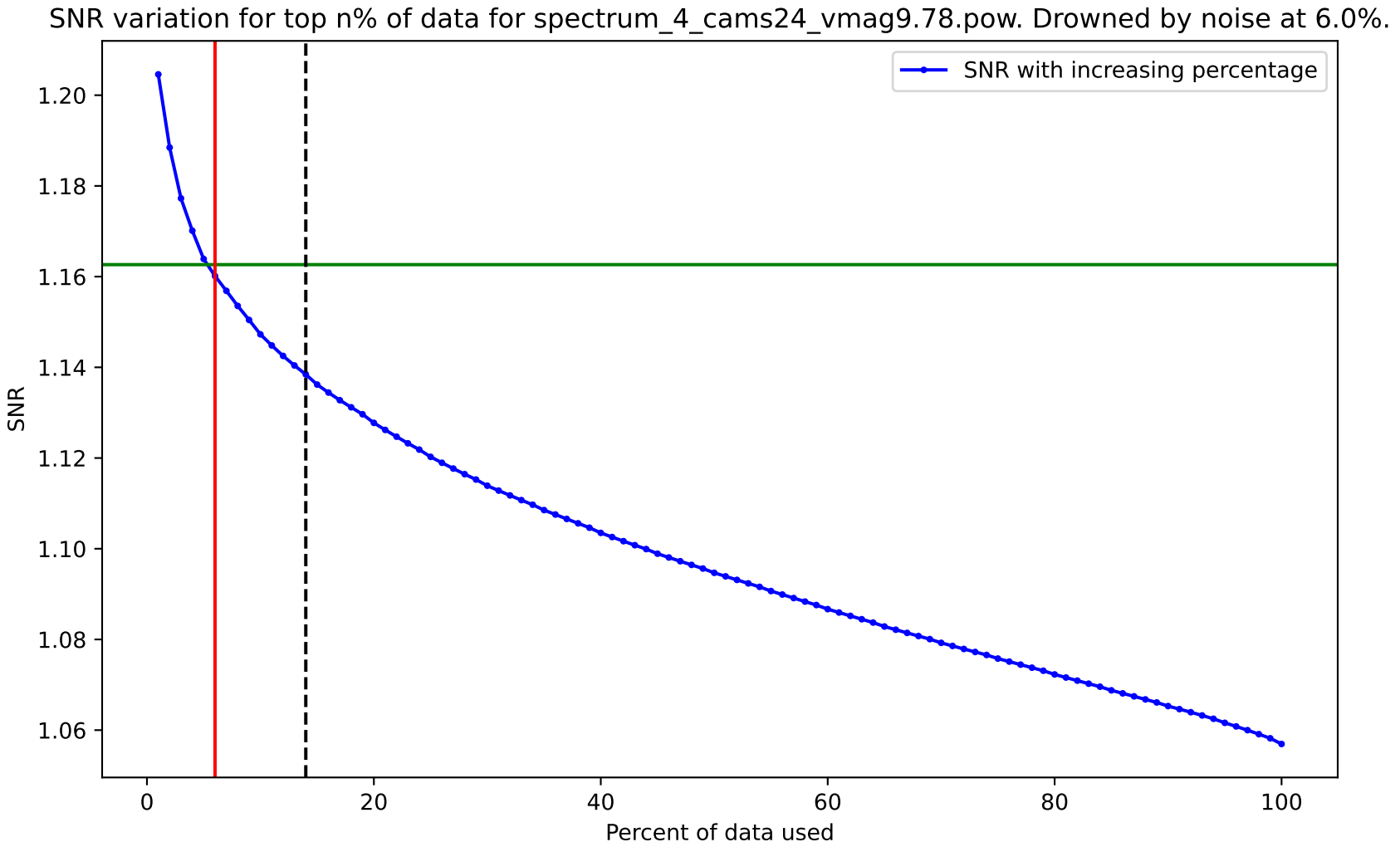

SNR vs Central Frequency for spectrum_4_cams24_vmag8.44.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

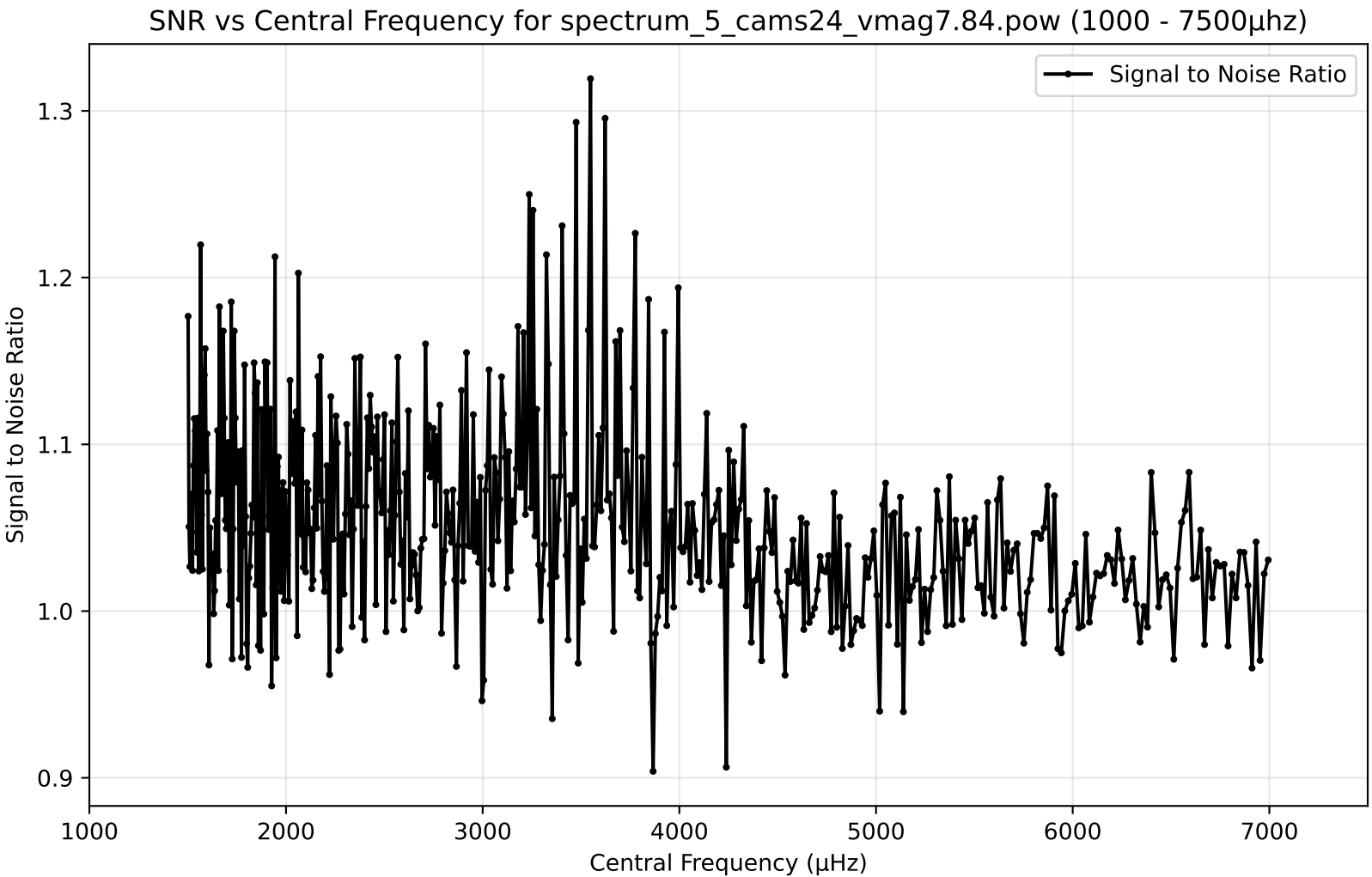

SNR variation for top n% of data for spectrum_4_cams24_vmag8.44.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

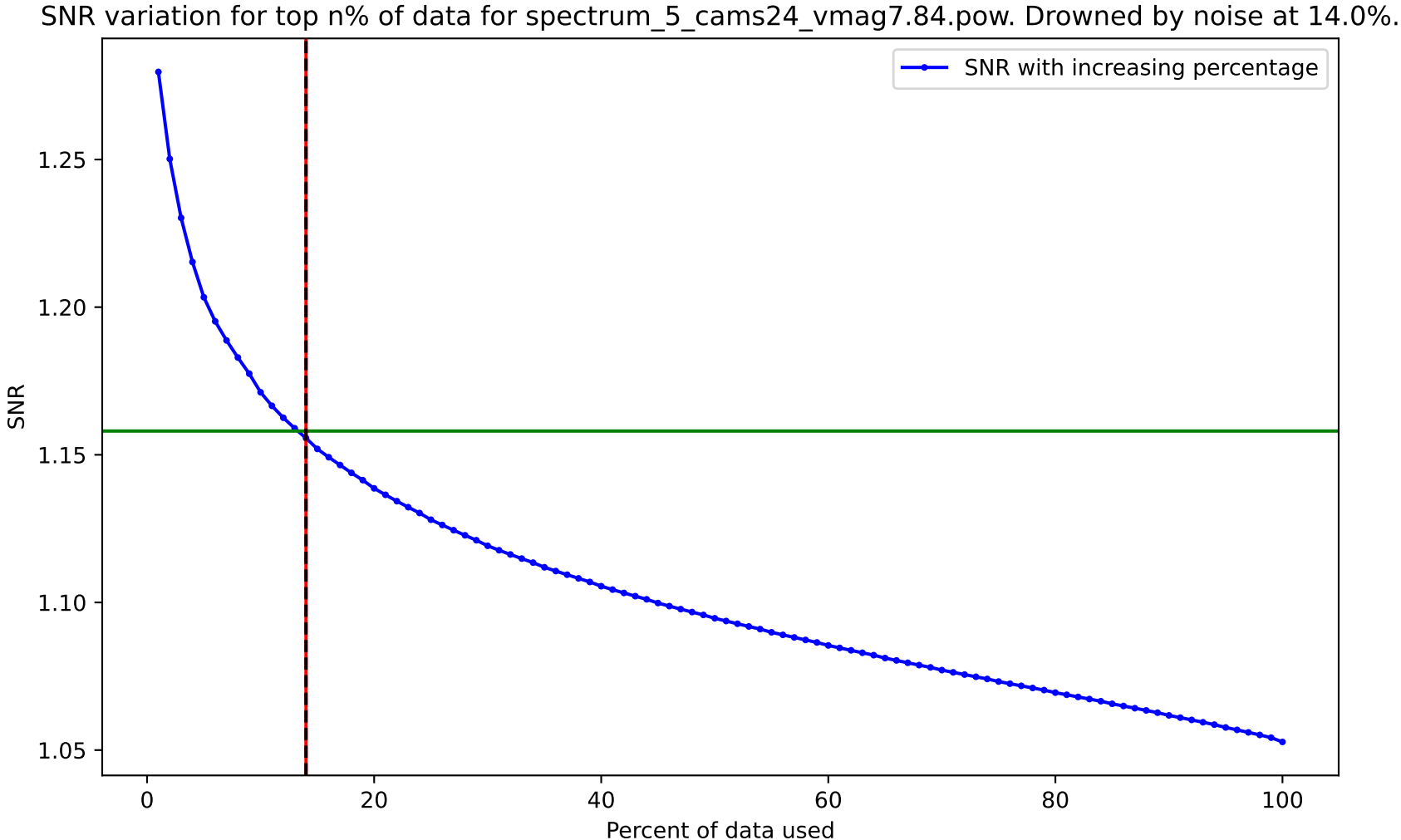

SNR vs Central Frequency for spectrum_4_cams24_vmag9.48.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

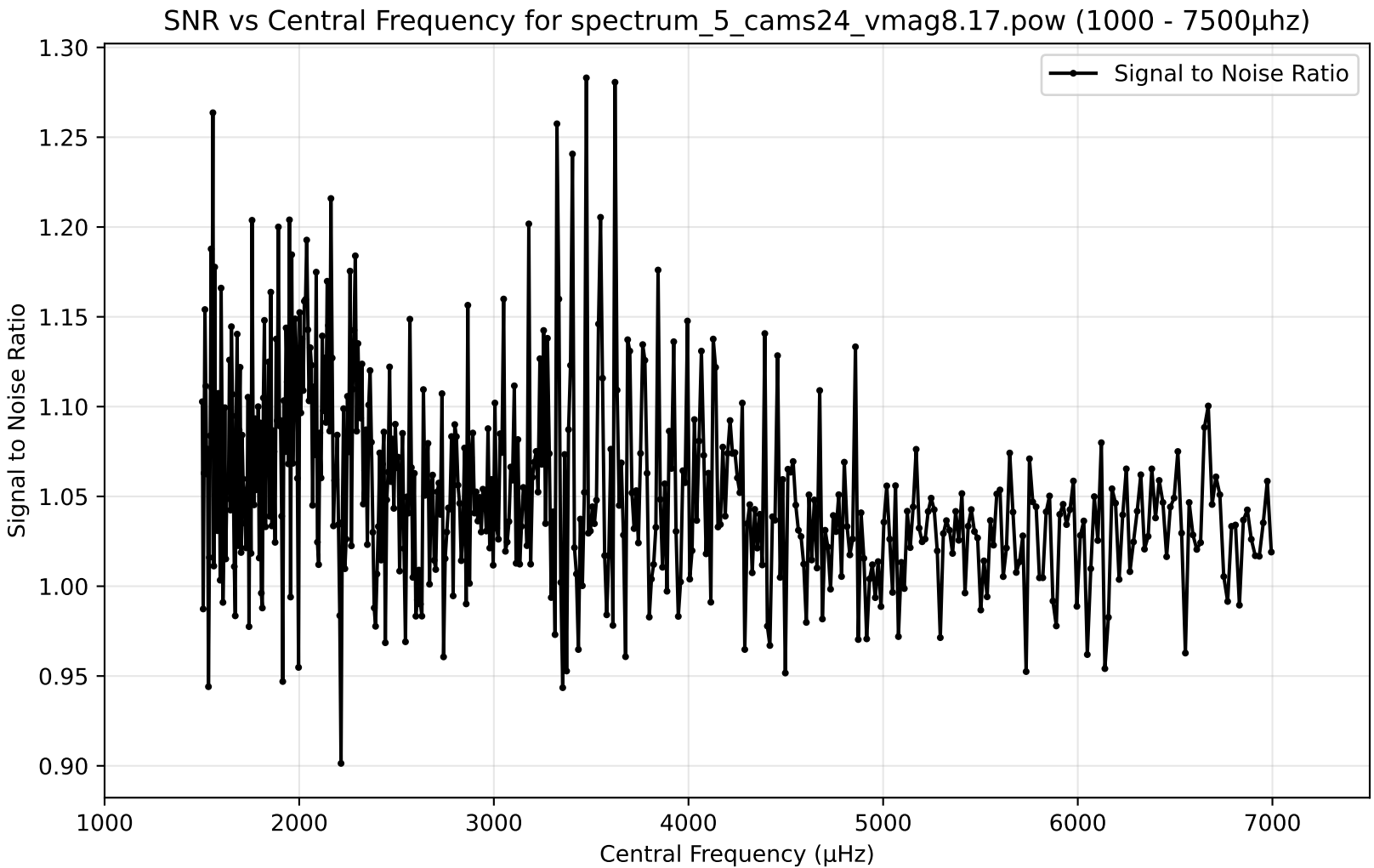

SNR variation for top n% of data for spectrum_4_cams24_vmag9.48.pow. Drowned by noise at 5.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

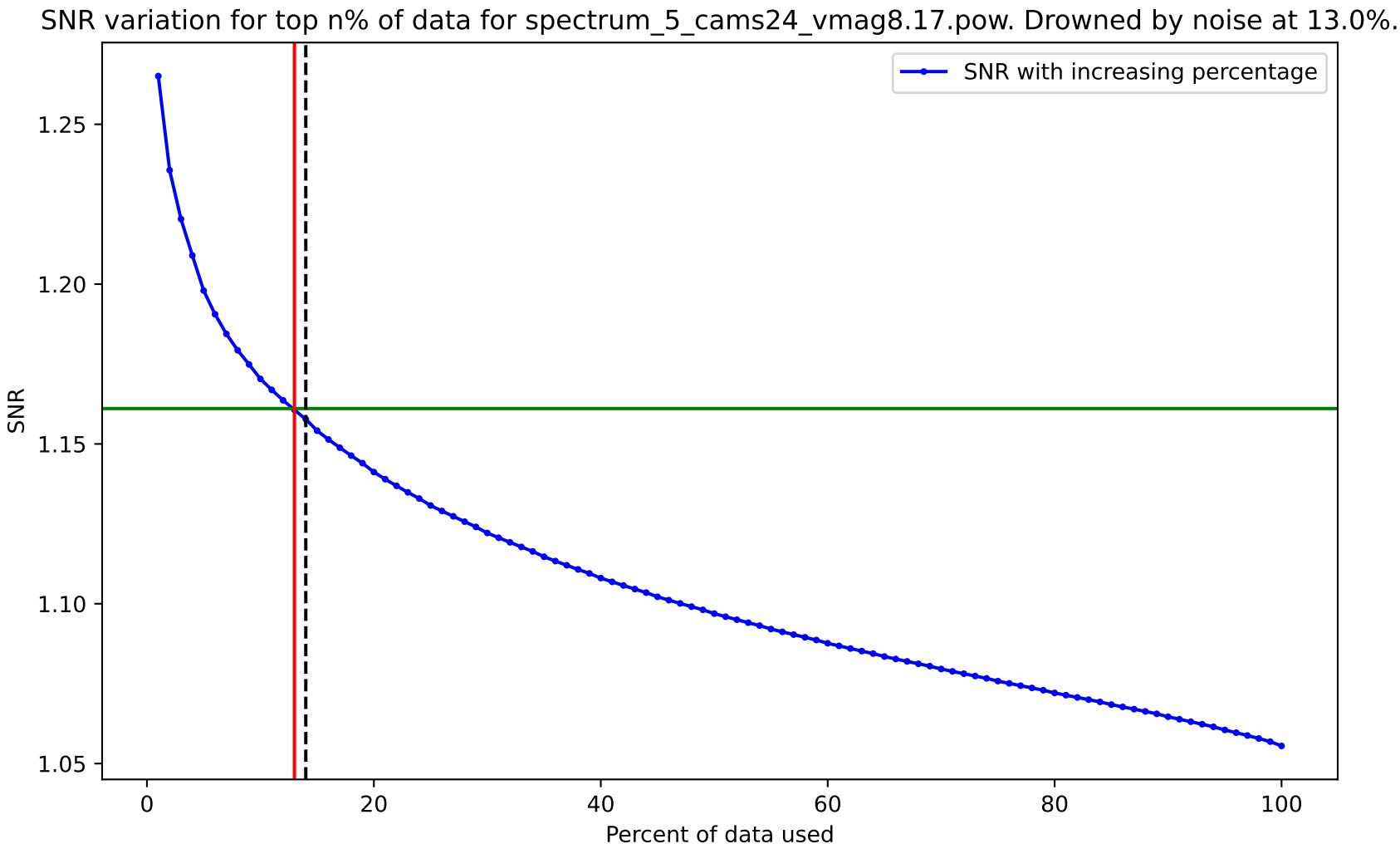

SNR vs Central Frequency for spectrum_4_cams24_vmag9.78.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

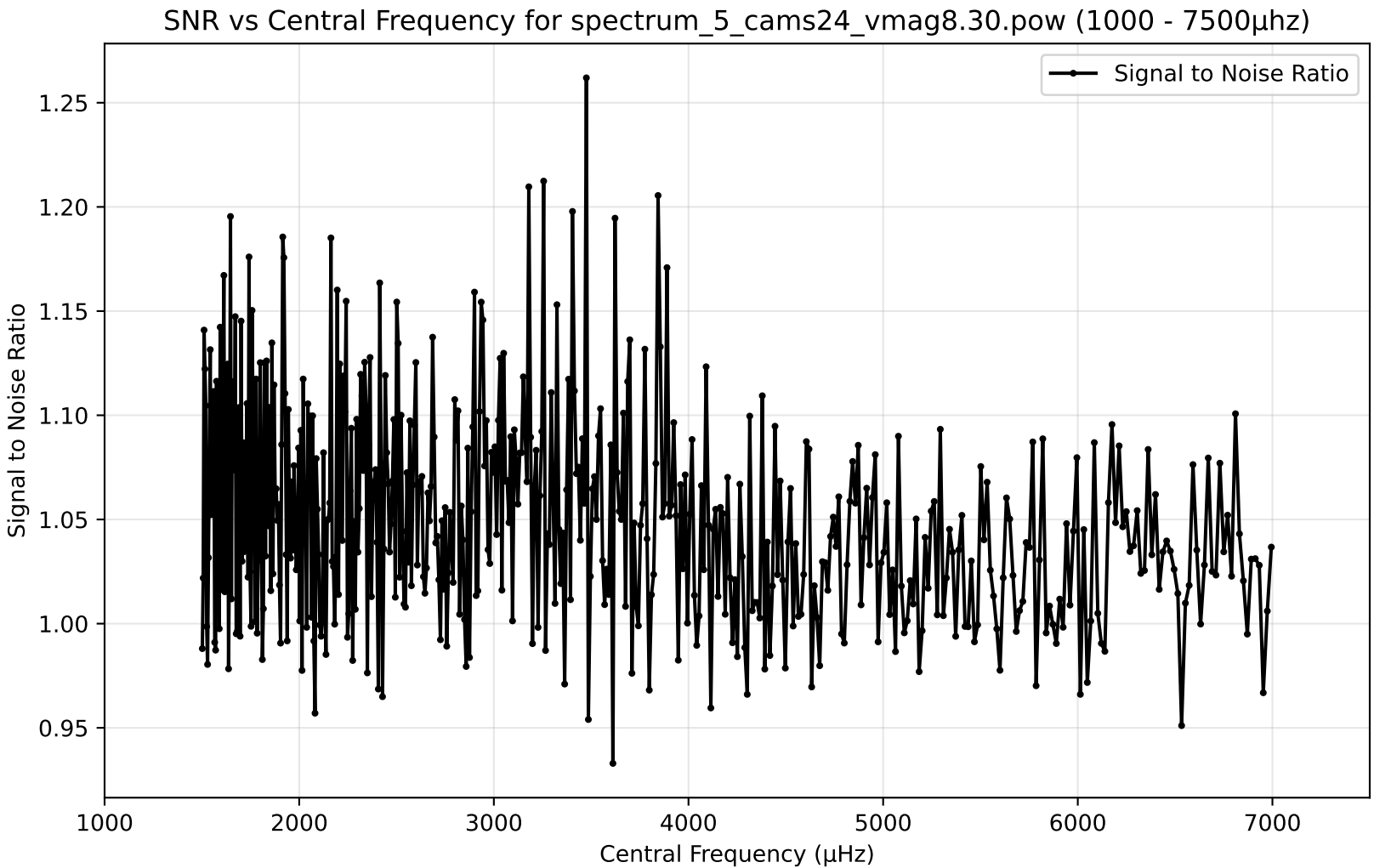

SNR variation for top n% of data for spectrum_4_cams24_vmag9.78.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

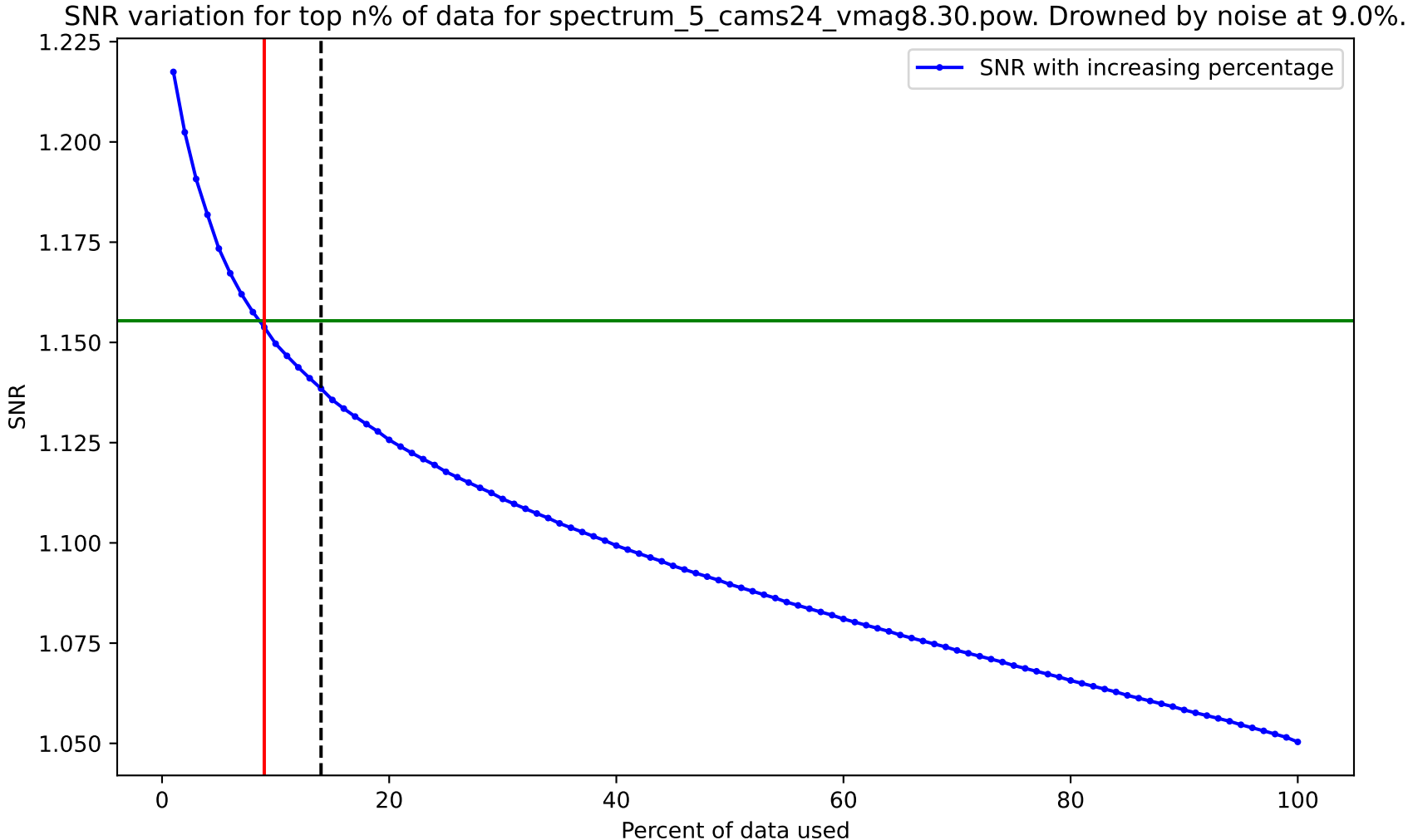

SNR vs Central Frequency for spectrum_5_cams24_vmag7.84.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

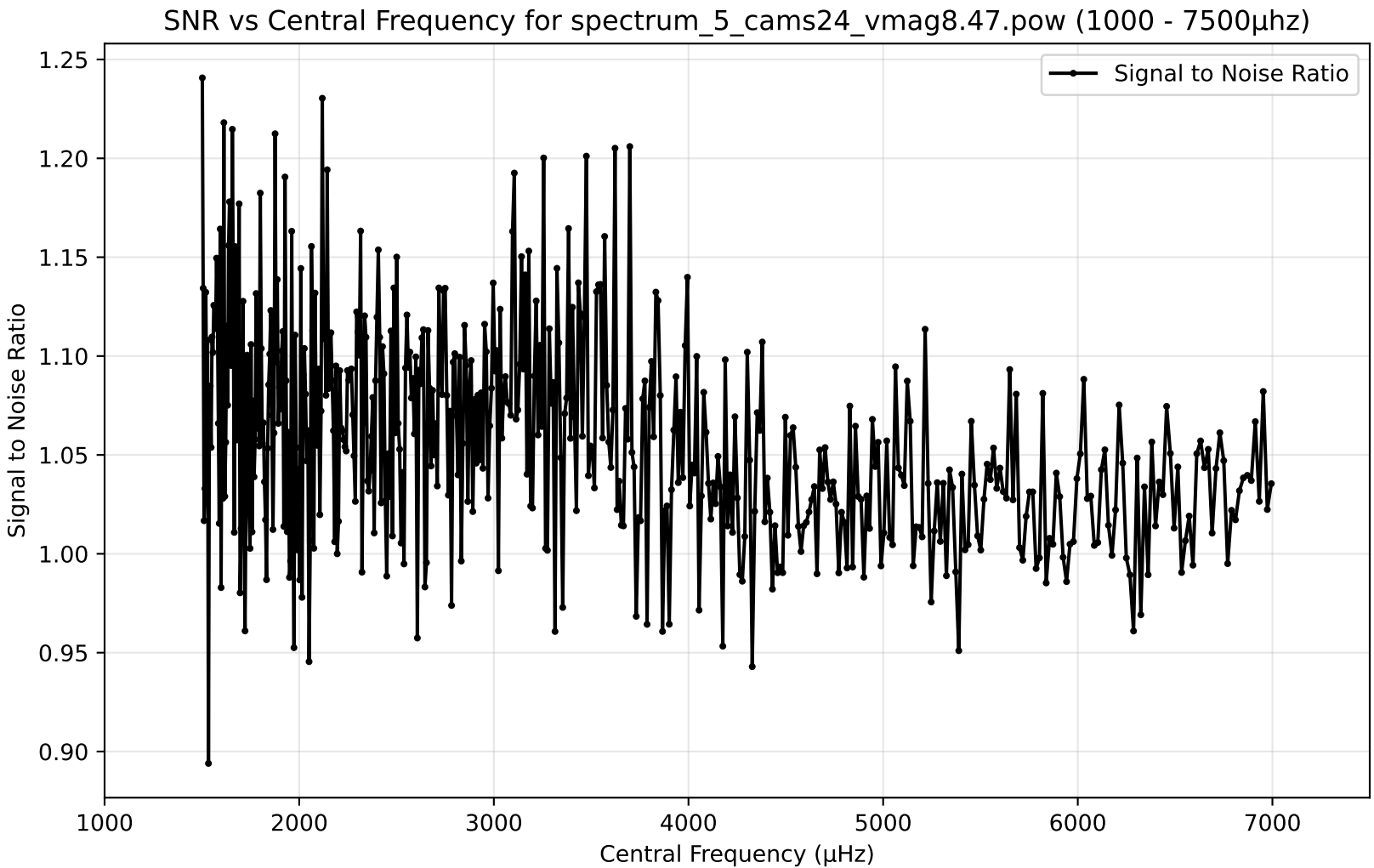

SNR variation for top n% of data for spectrum_5_cams24_vmag7.84.pow. Drowned by noise at 14.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

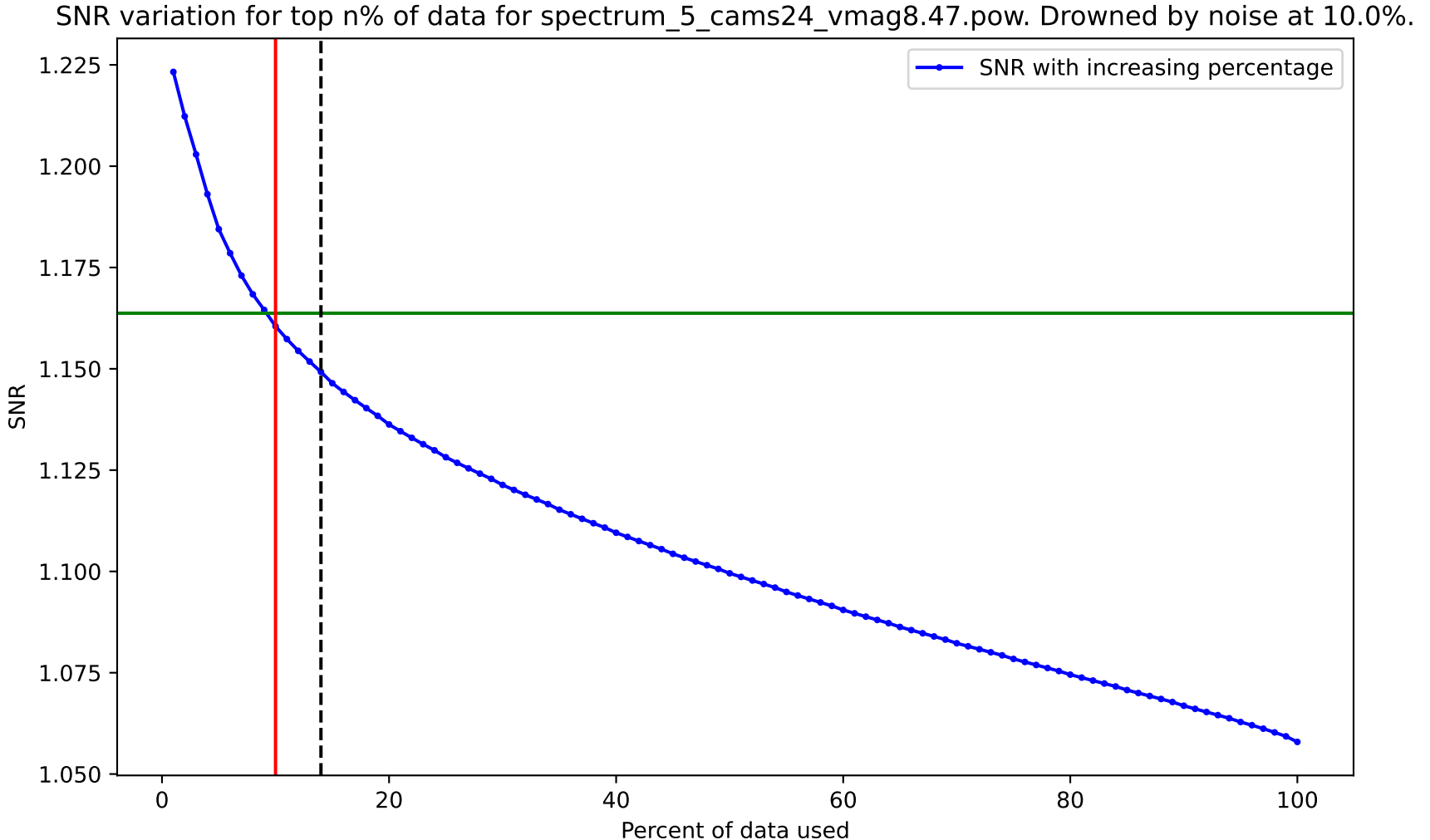

SNR vs Central Frequency for spectrum_5_cams24_vmag8.17.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

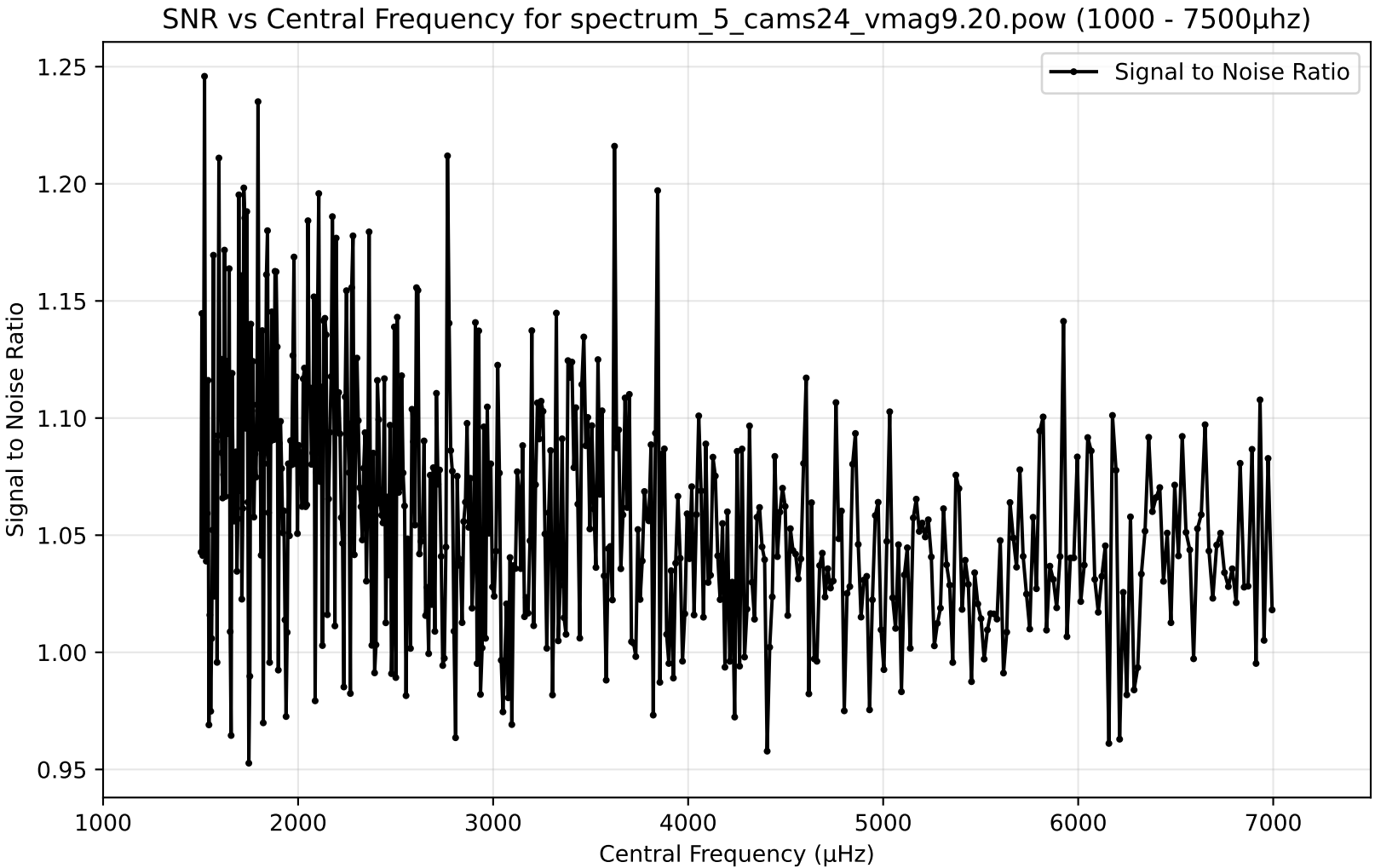

SNR variation for top n% of data for spectrum_5_cams24_vmag8.17.pow. Drowned by noise at 13.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

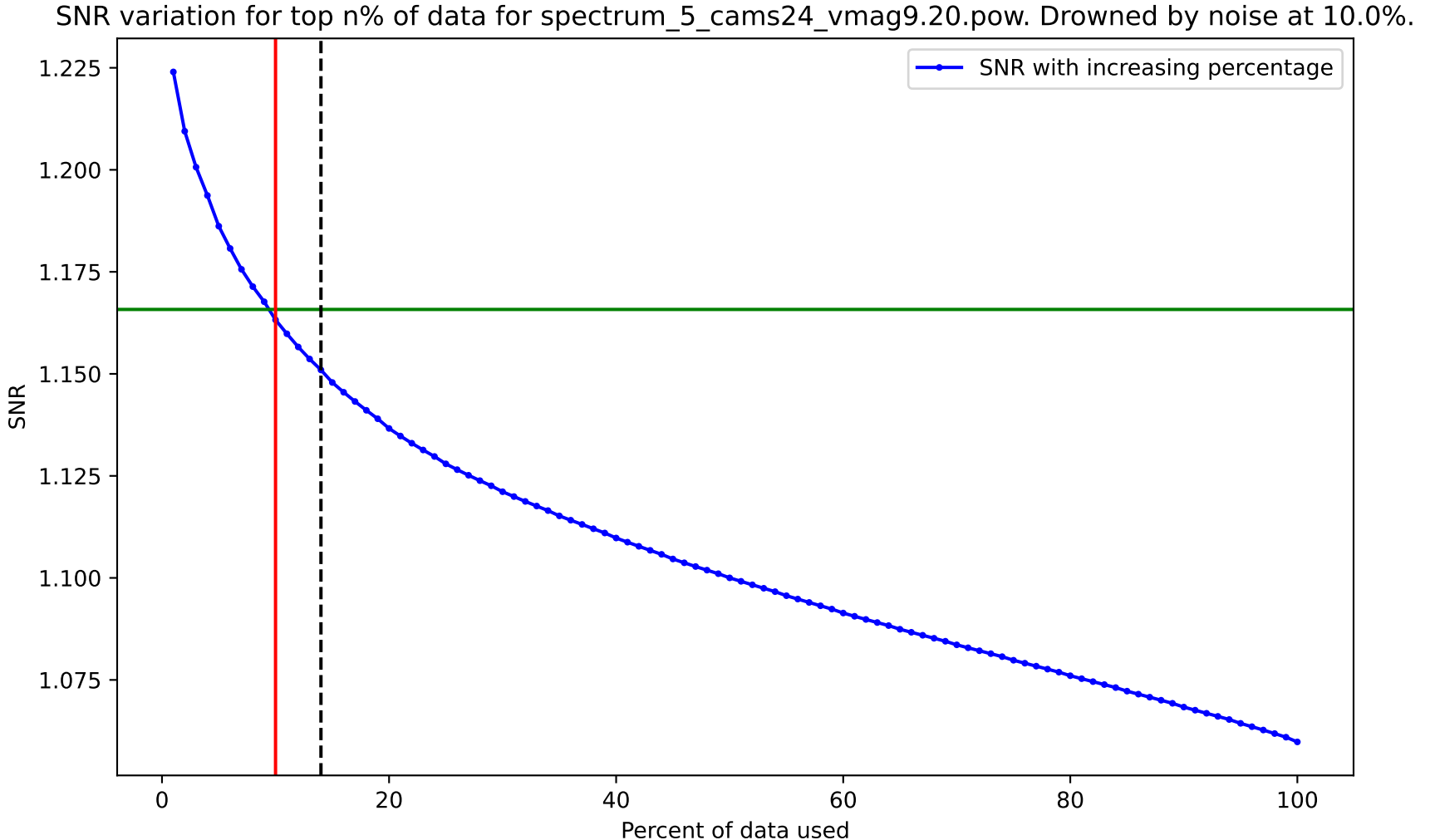

SNR vs Central Frequency for spectrum_5_cams24_vmag8.30.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

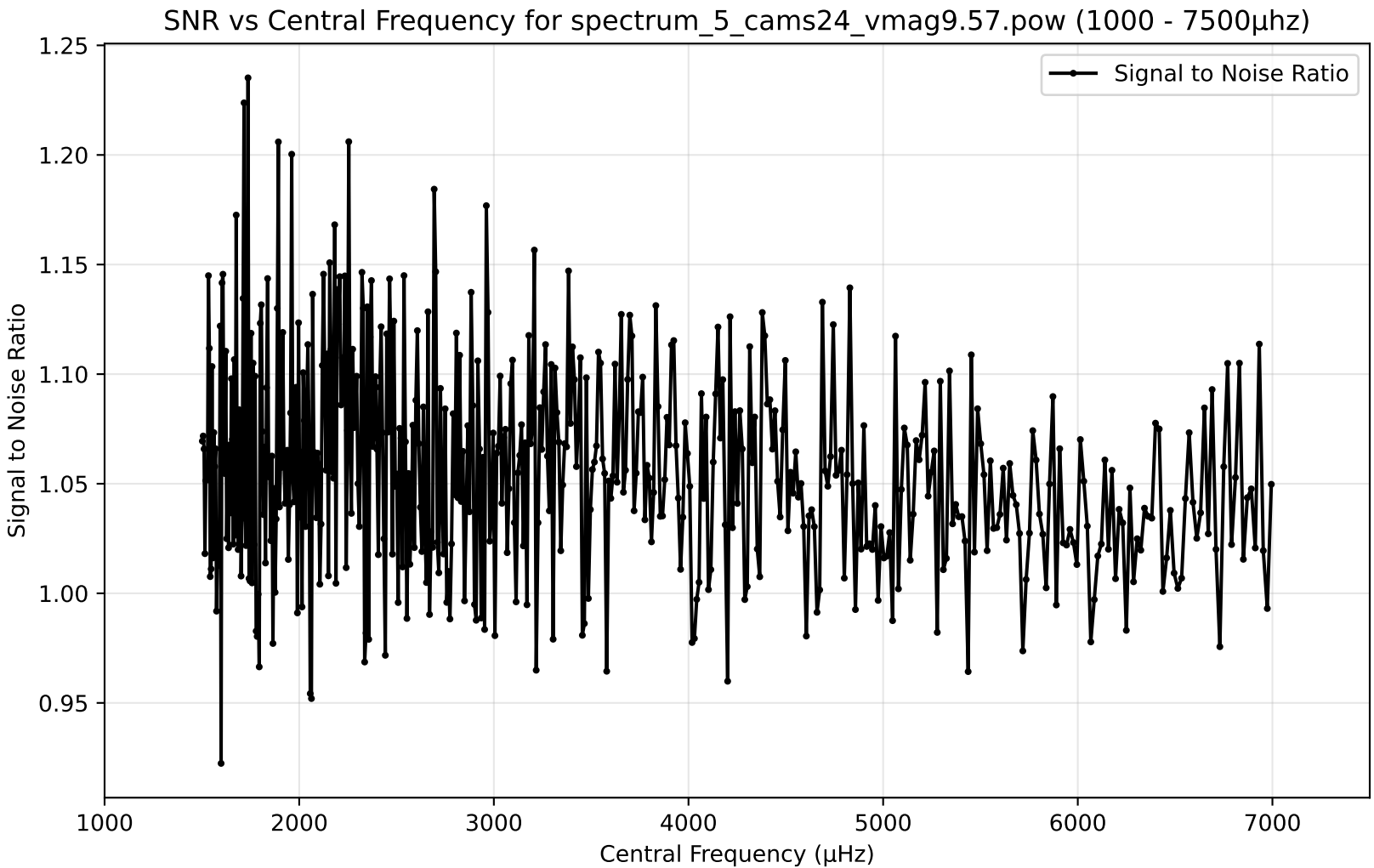

SNR variation for top n% of data for spectrum_5_cams24_vmag8.30.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
Percent of data used
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

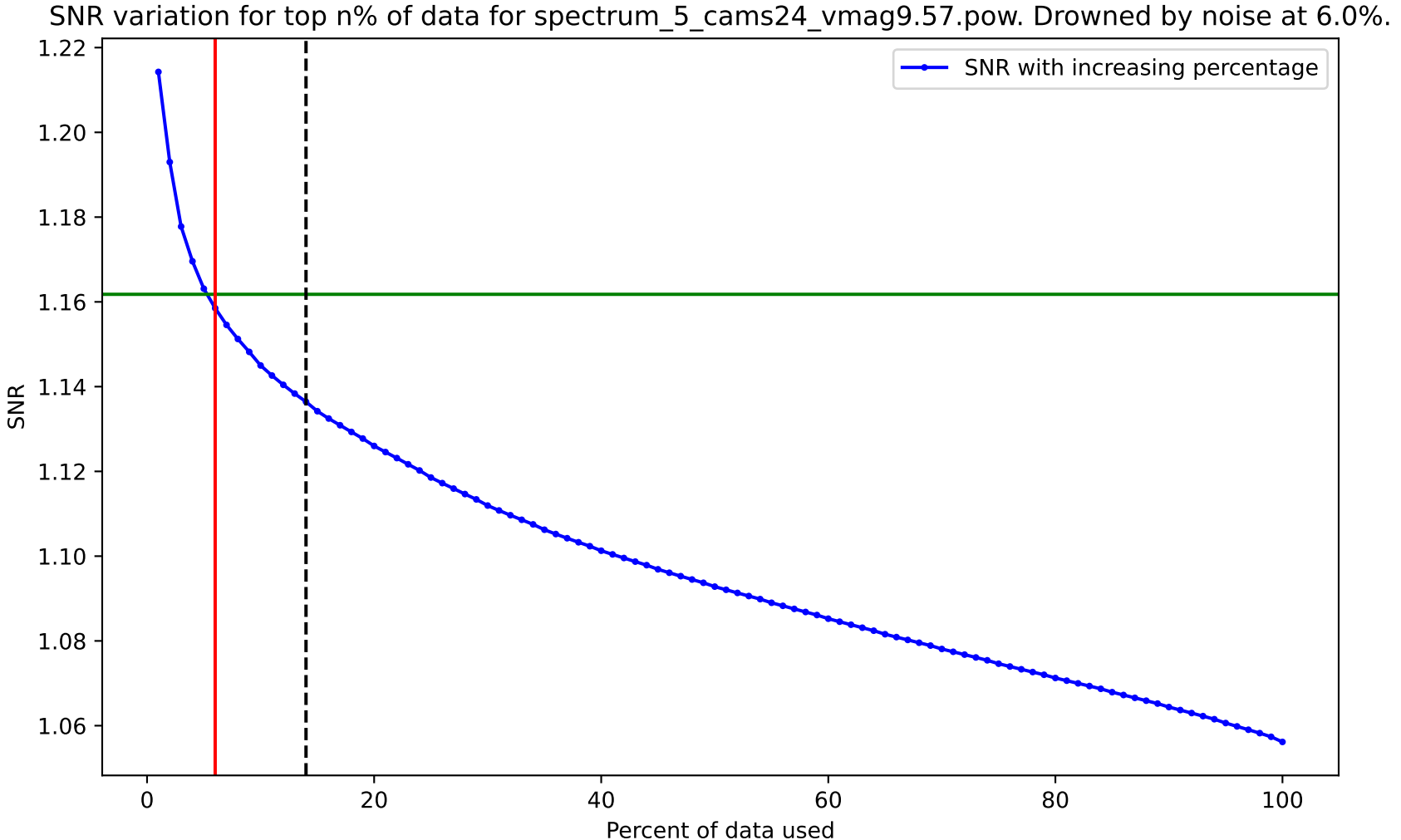

SNR vs Central Frequency for spectrum_5_cams24_vmag8.47.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

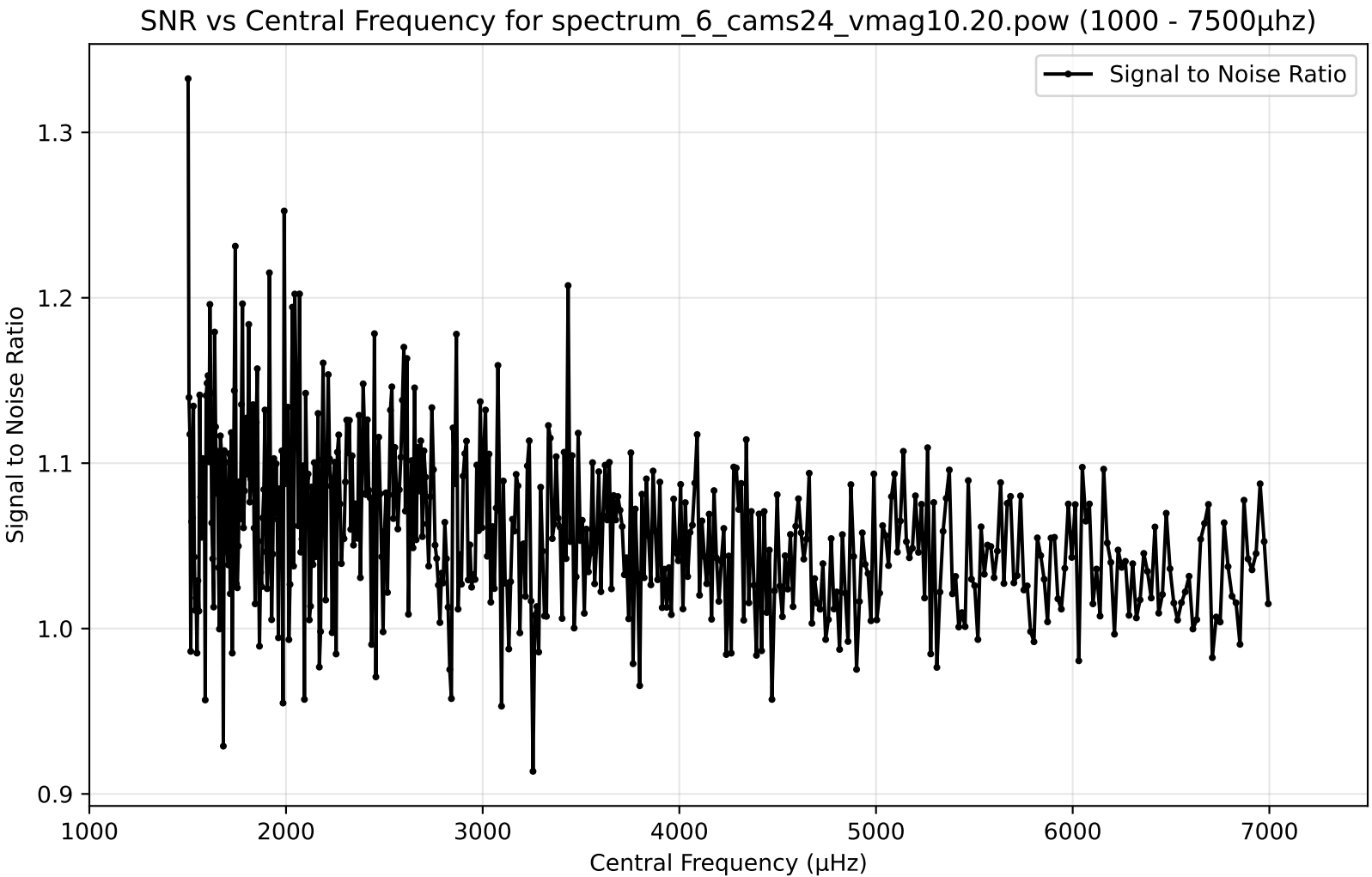

SNR variation for top n% of data for spectrum_5_cams24_vmag8.47.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
Percent of data used
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

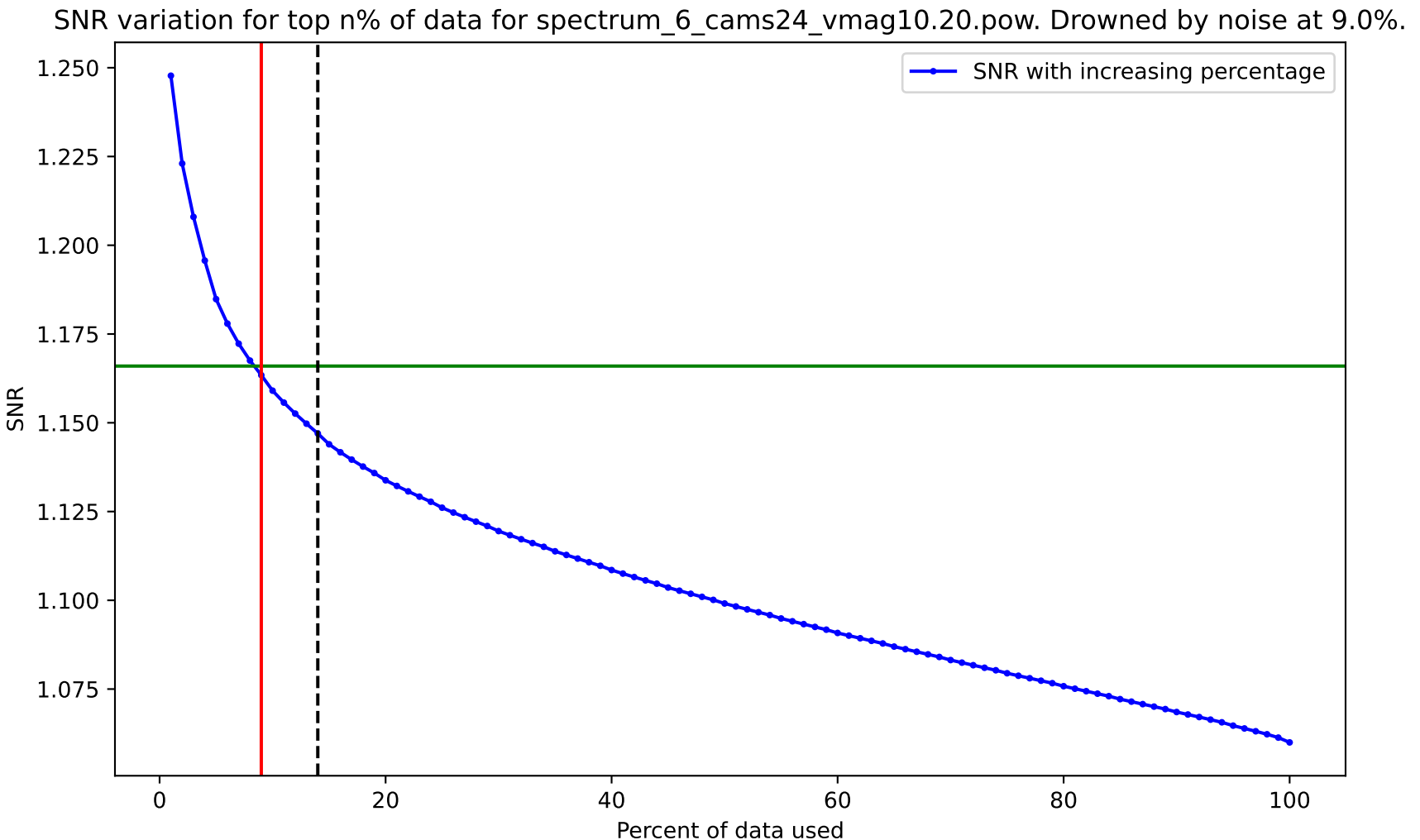

SNR vs Central Frequency for spectrum_5_cams24_vmag9.20.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

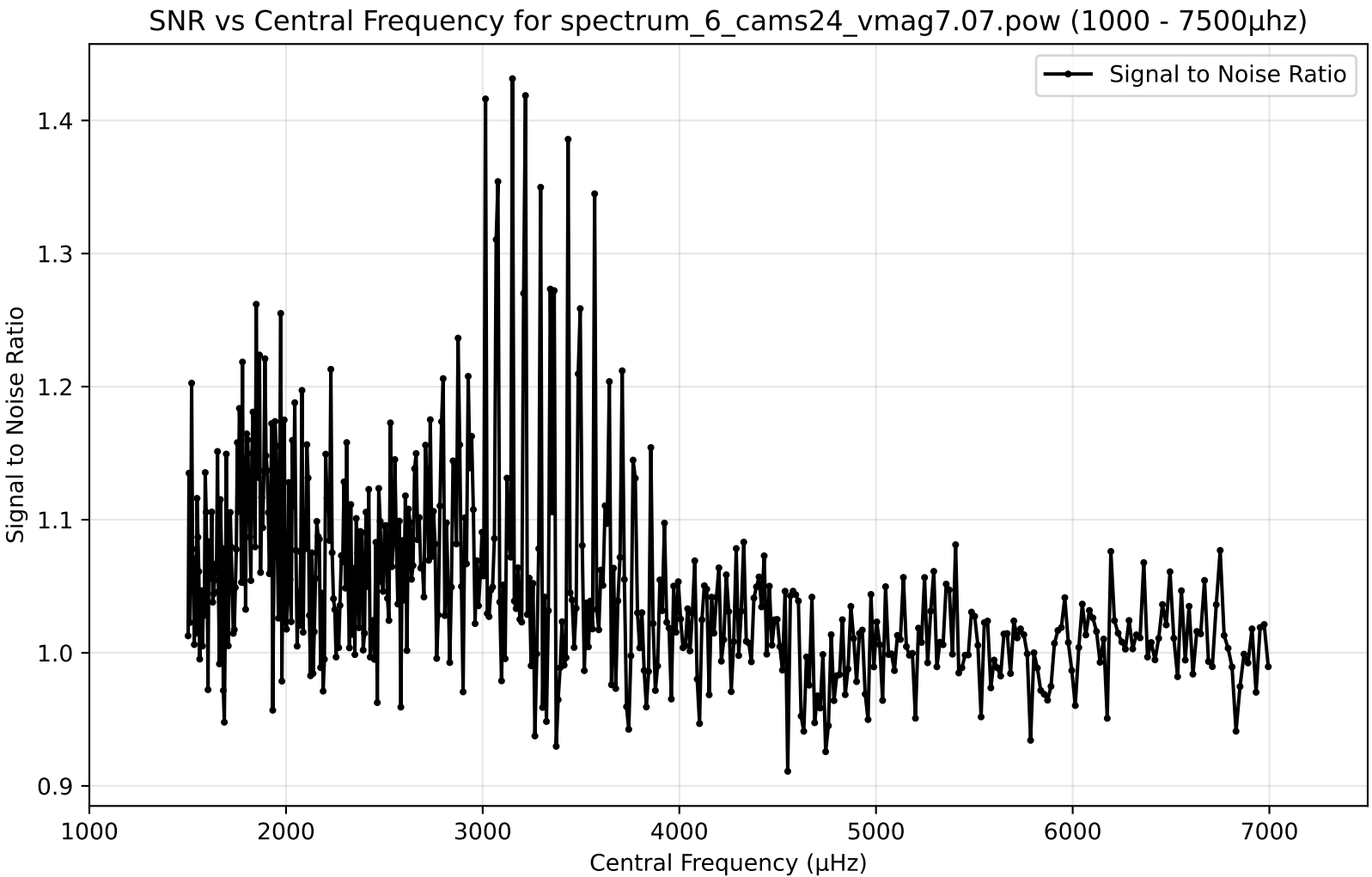

SNR variation for top n% of data for spectrum_5_cams24_vmag9.20.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

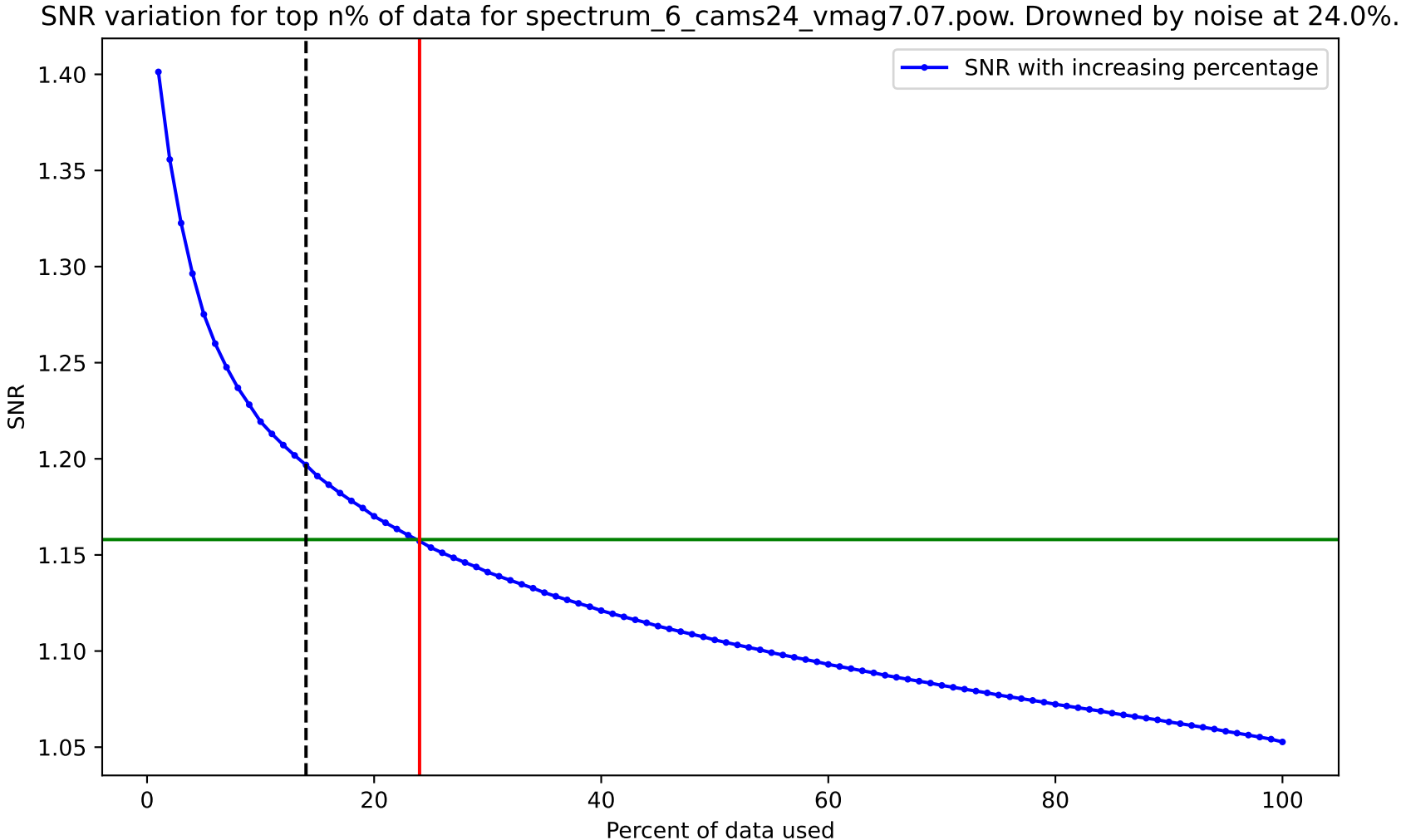

SNR vs Central Frequency for spectrum_5_cams24_vmag9.57.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

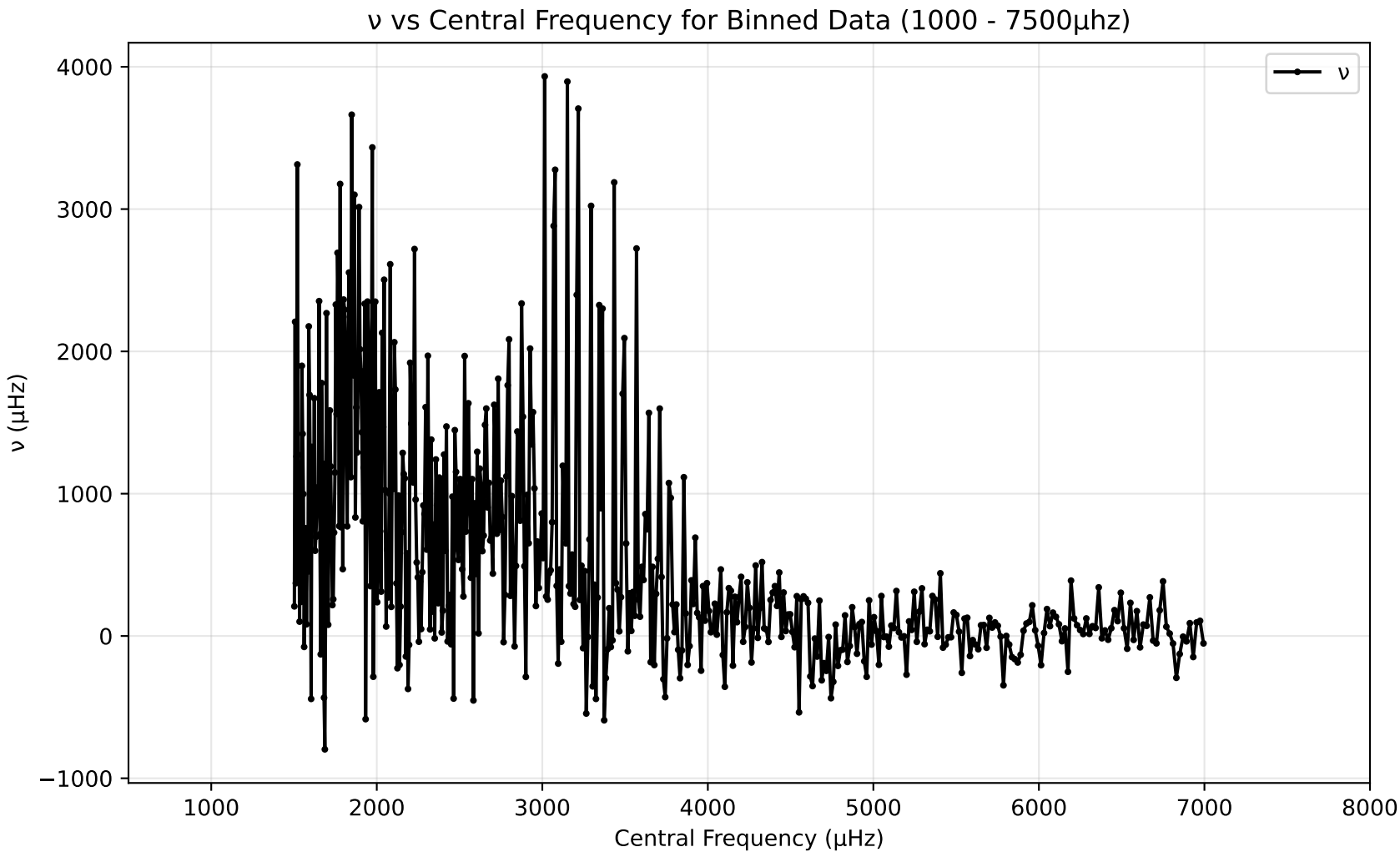

SNR variation for top n% of data for spectrum_5_cams24_vmag9.57.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
Percent of data used
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100

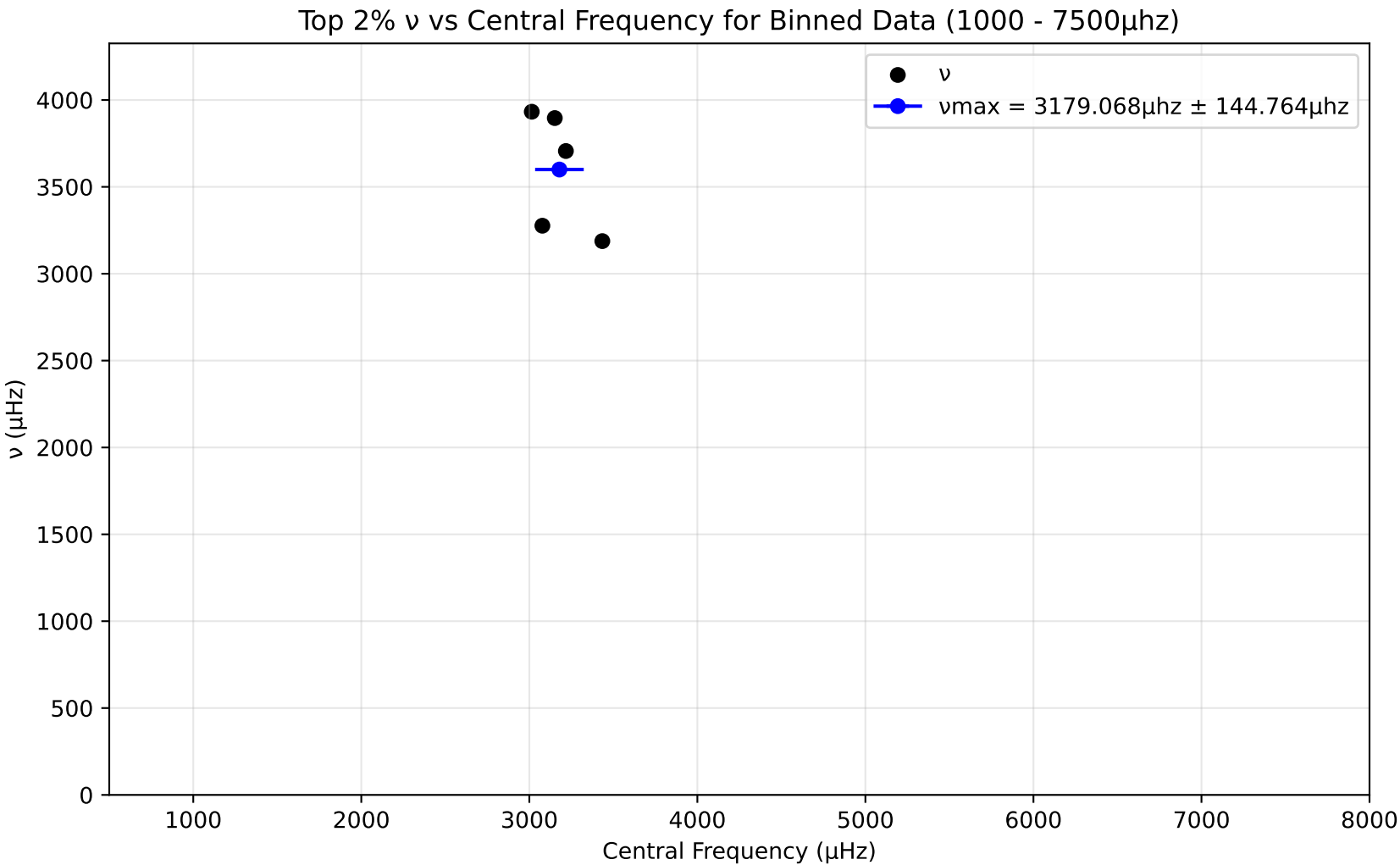

SNR vs Central Frequency for spectrum_6_cams24_vmag10.20.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

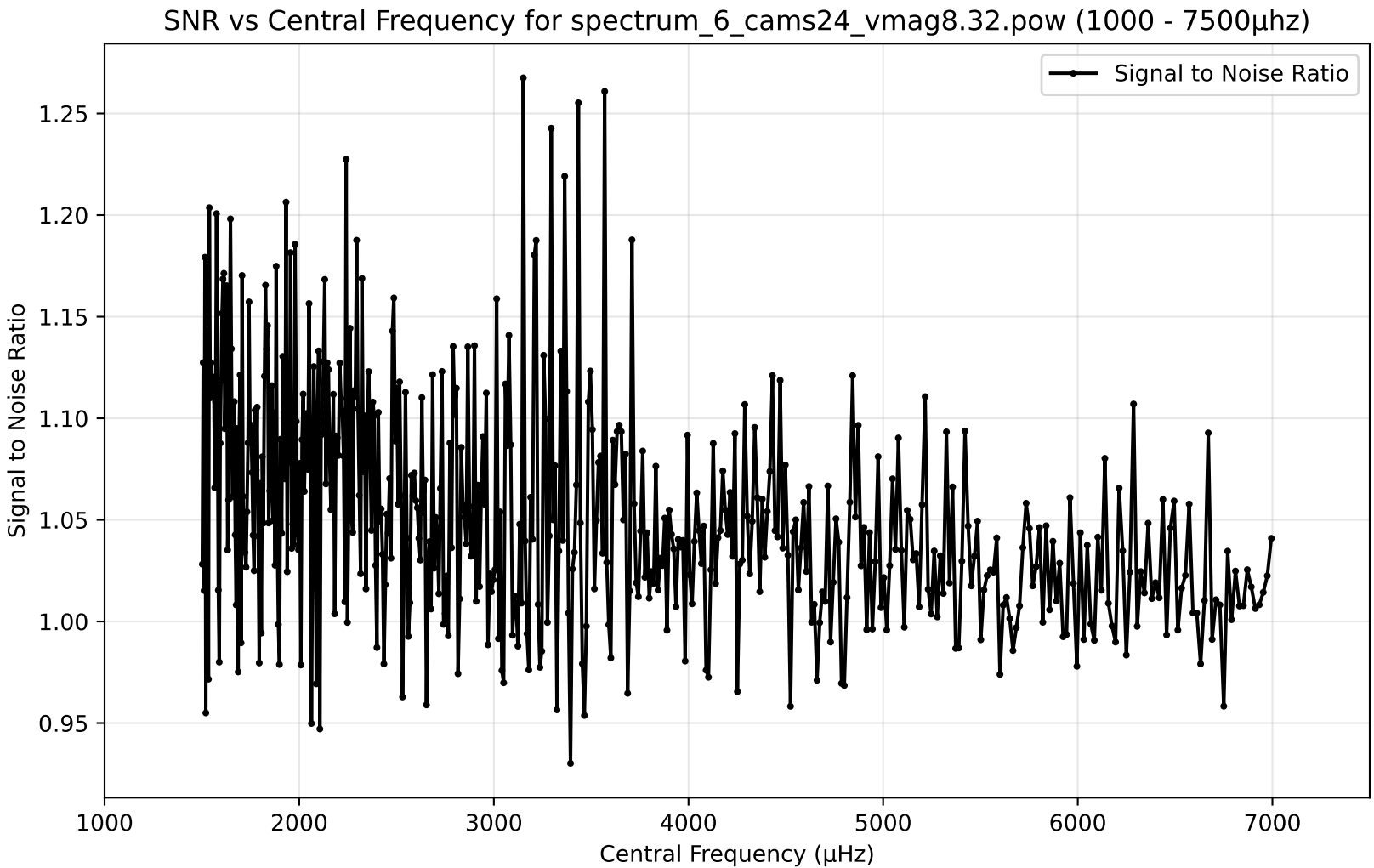

SNR variation for top n% of data for spectrum_6_cams24_vmag10.20.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100
Percent of data used

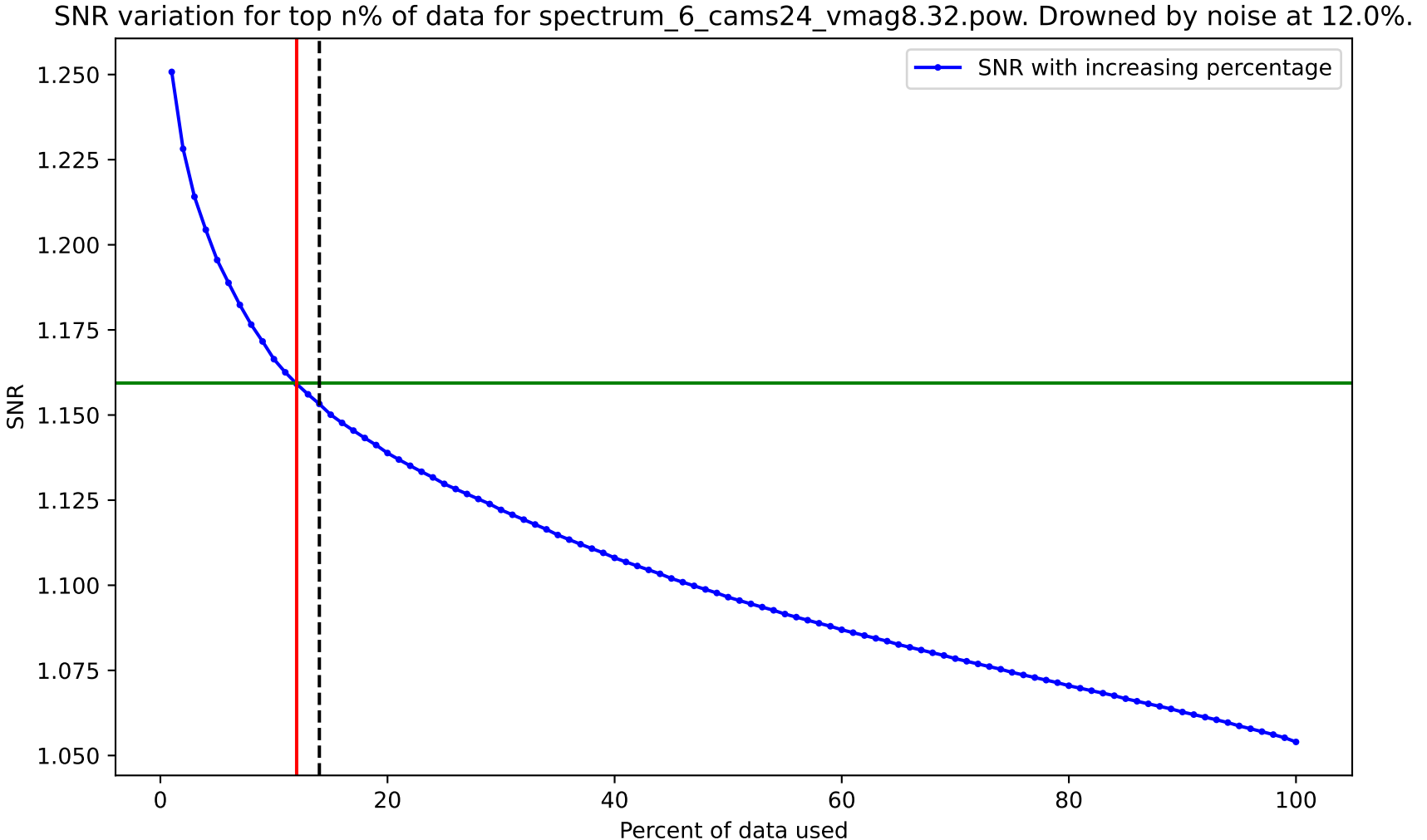

SNR vs Central Frequency for spectrum_6_cams24_vmag7.07.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

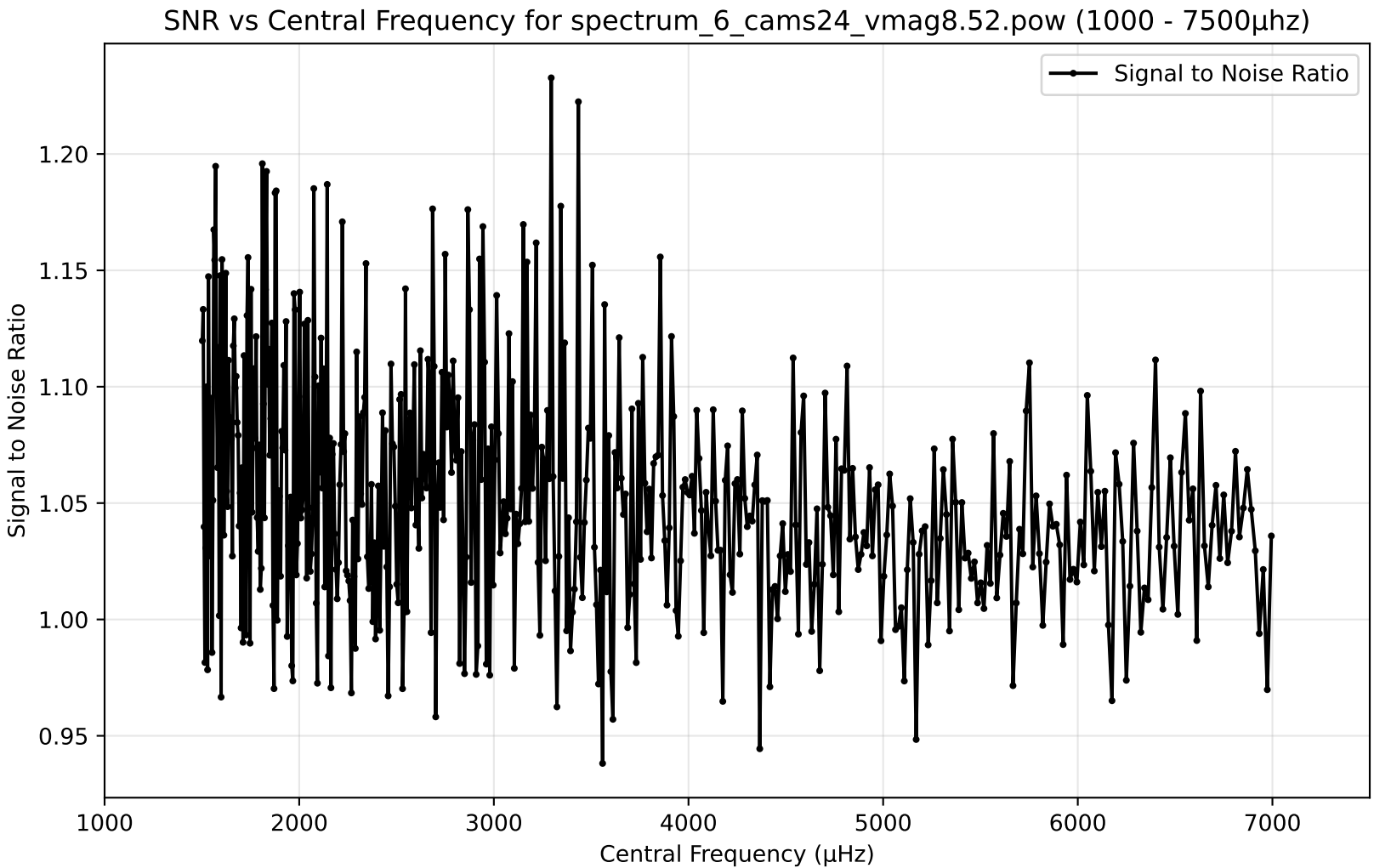

SNR variation for top n% of data for spectrum_6_cams24_vmag7.07.pow. Drowned by noise at 24.0%.
SNR with increasing percentage
SNR
1.40
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

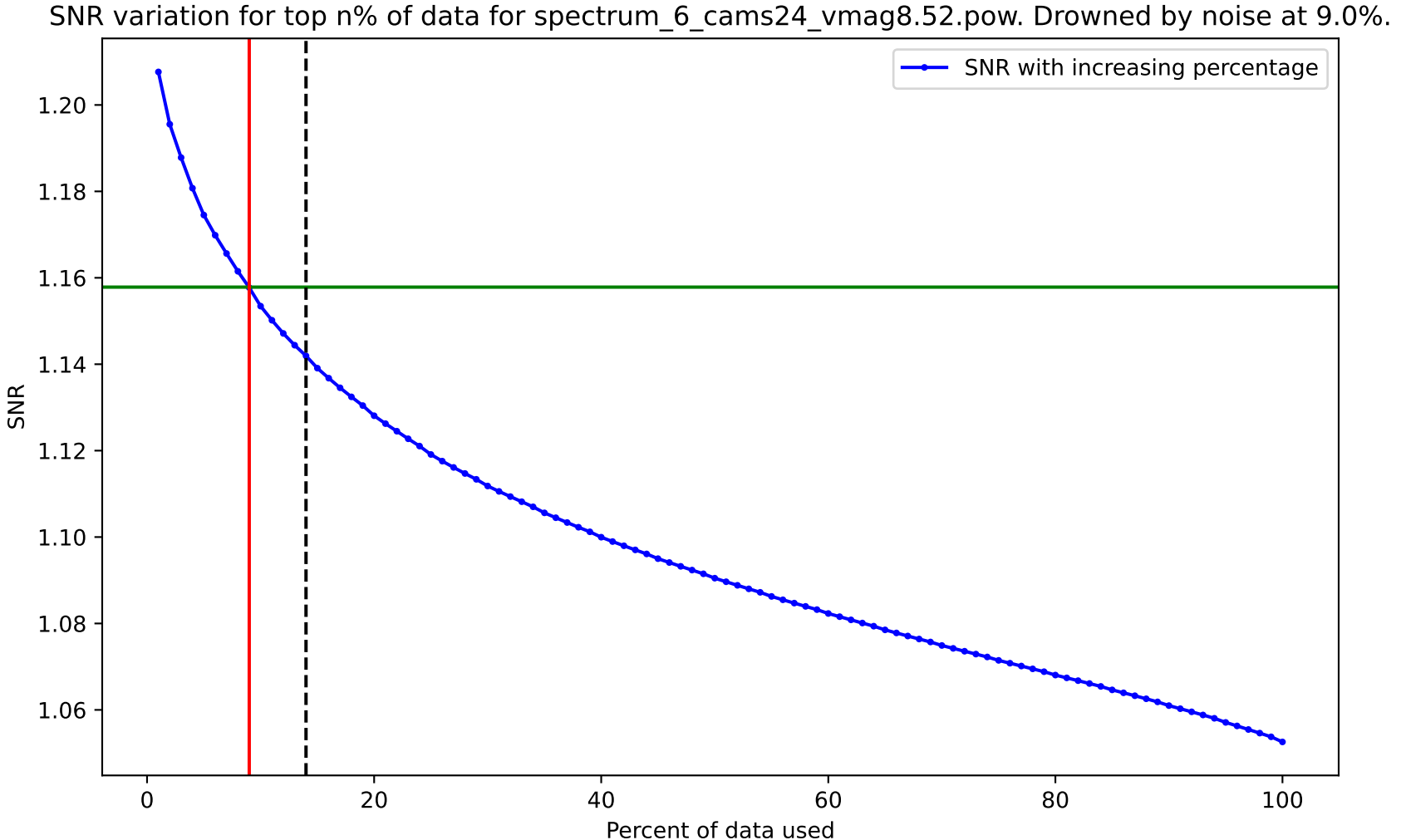

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

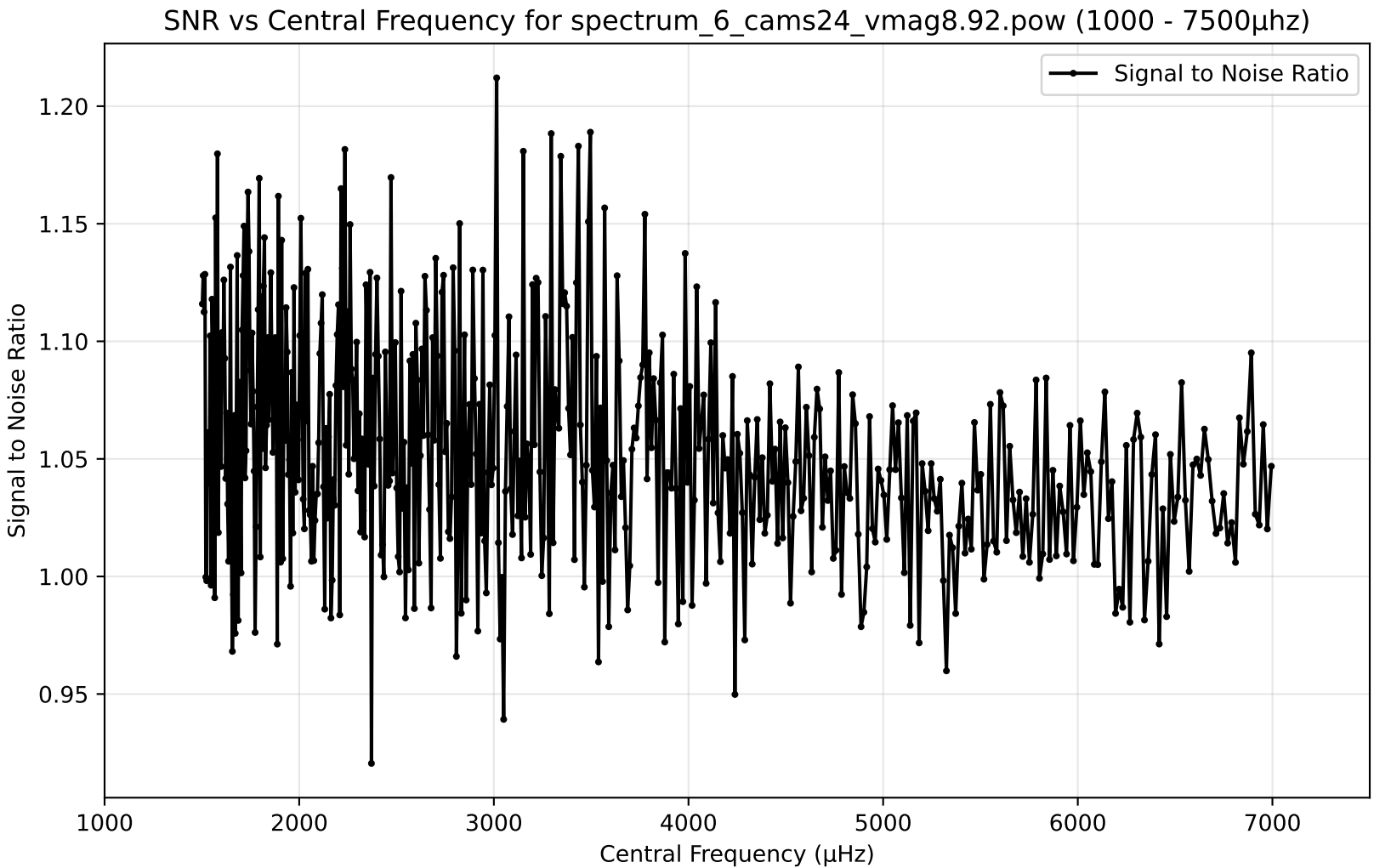

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3179.068μhz ± 144.764μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
4000
1000
2000
3000
4000
5000
6000
7000
8000

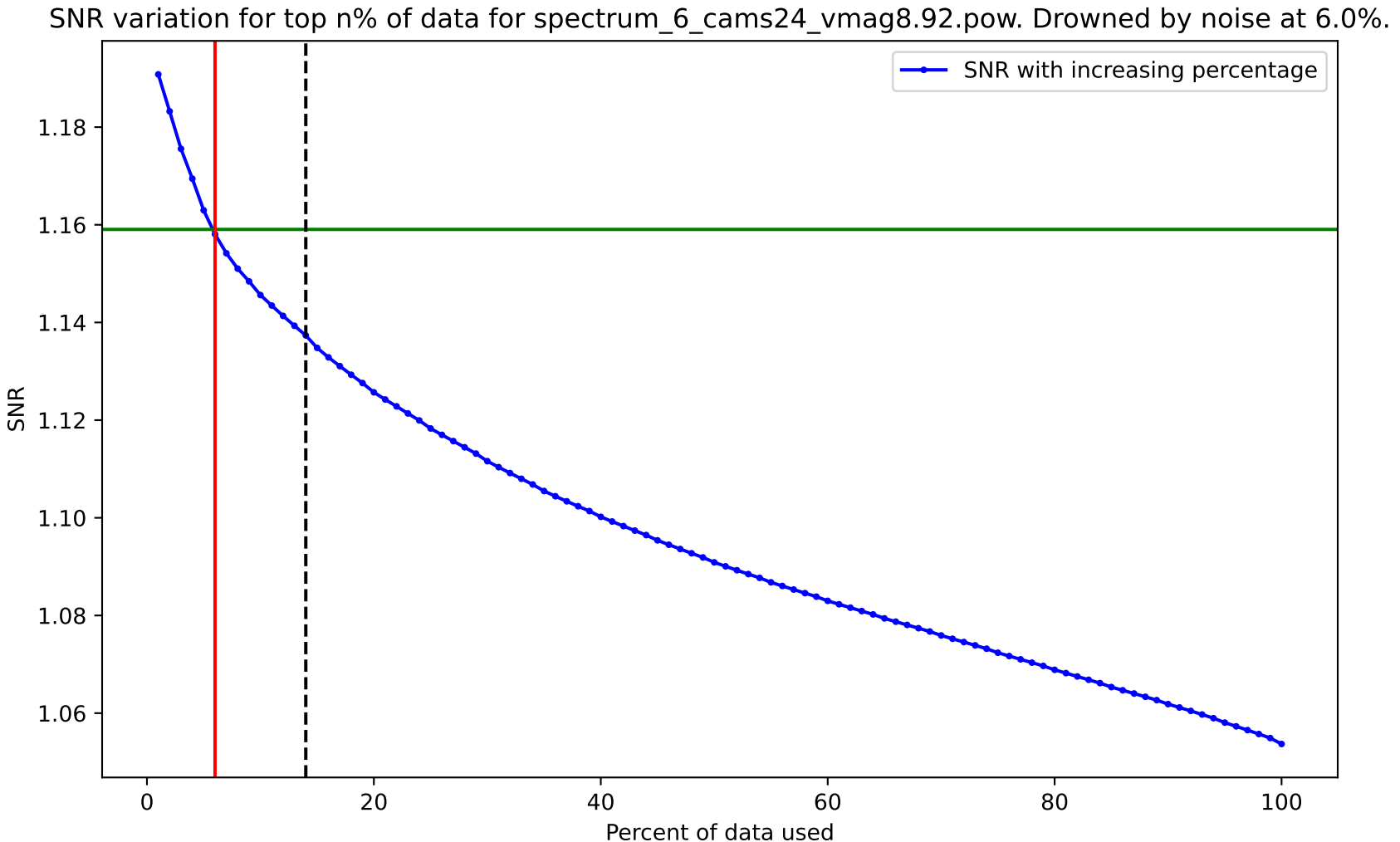

SNR vs Central Frequency for spectrum_6_cams24_vmag8.32.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

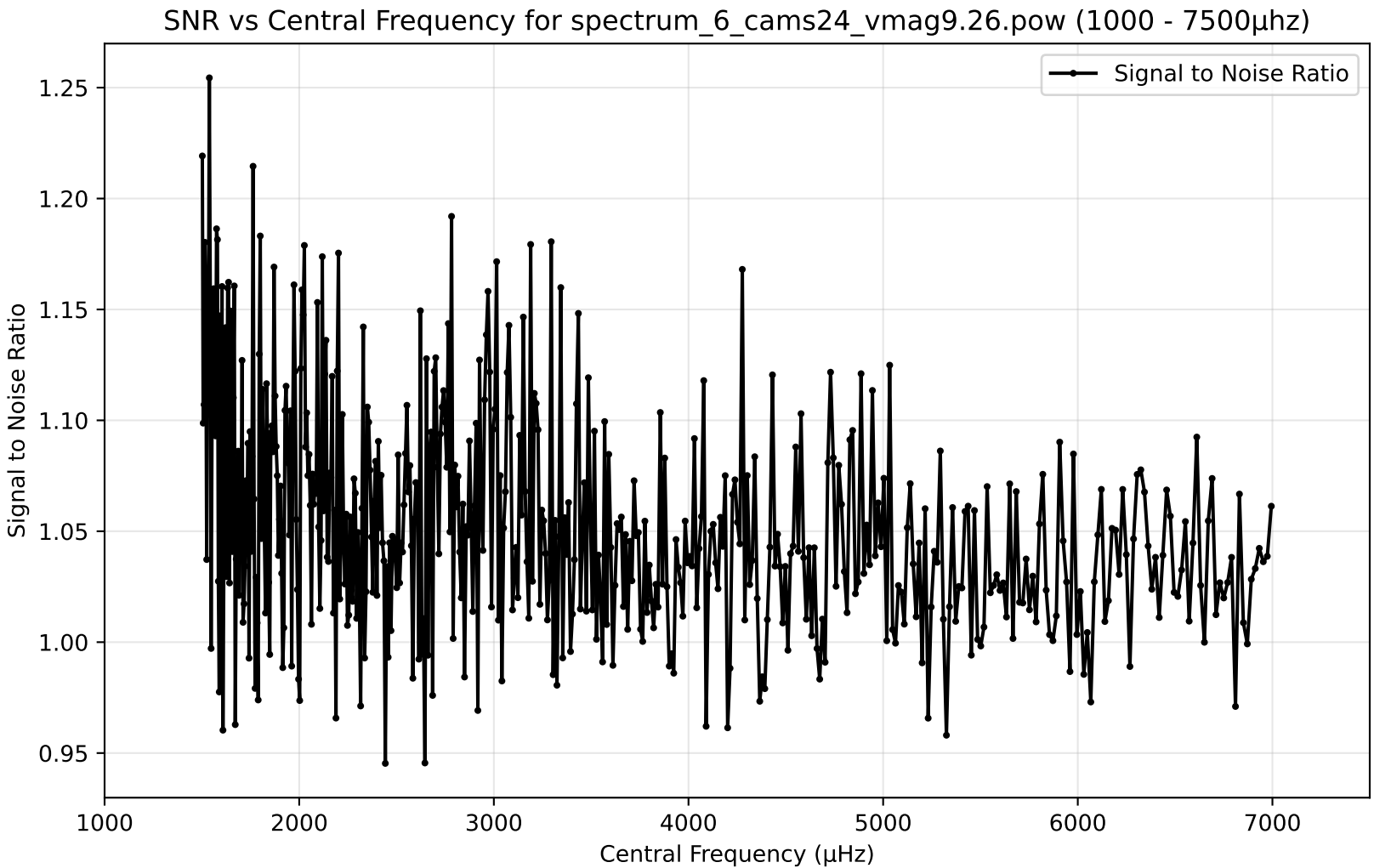

SNR variation for top n% of data for spectrum_6_cams24_vmag8.32.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100
Percent of data used

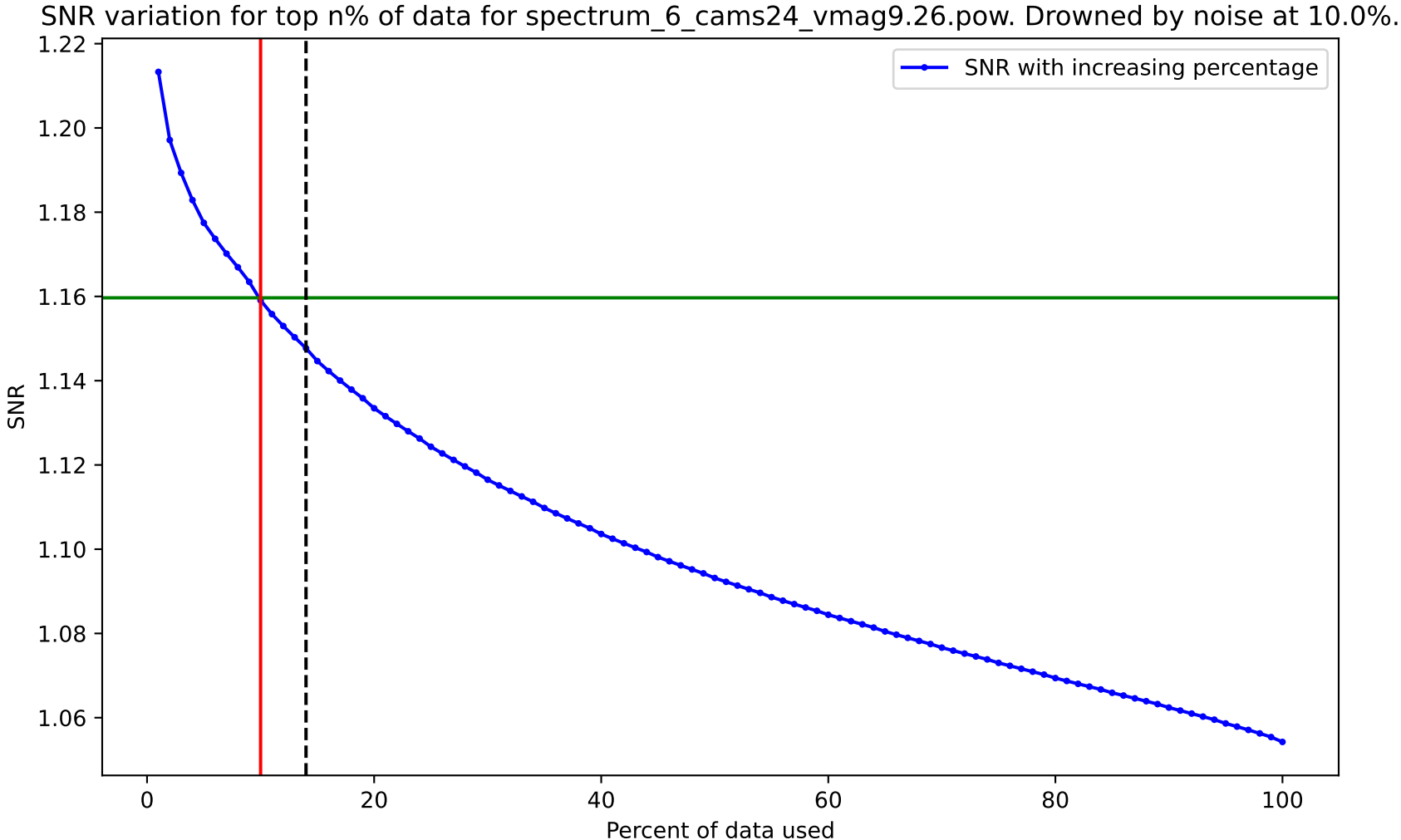

SNR vs Central Frequency for spectrum_6_cams24_vmag8.52.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

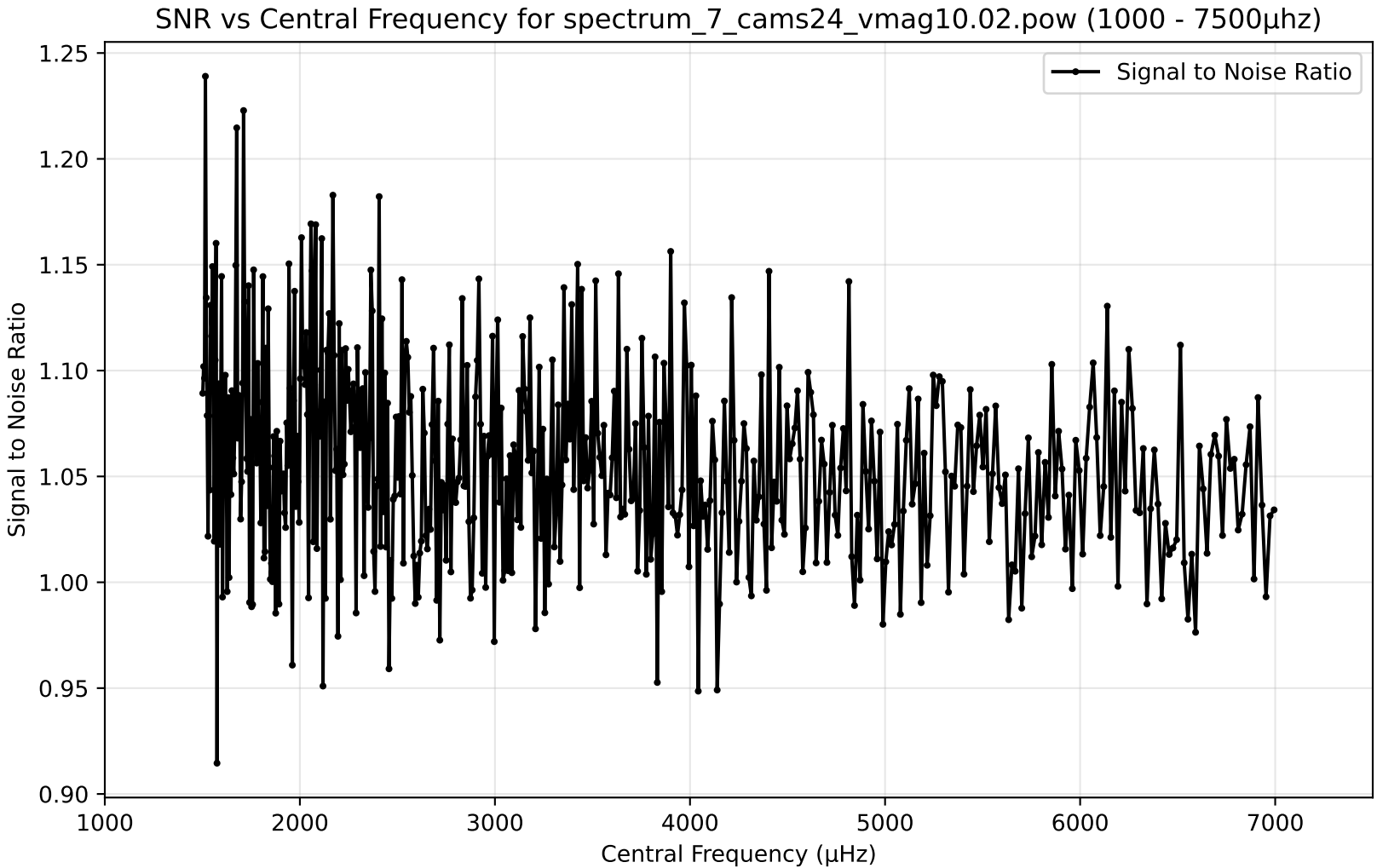

SNR variation for top n% of data for spectrum_6_cams24_vmag8.52.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

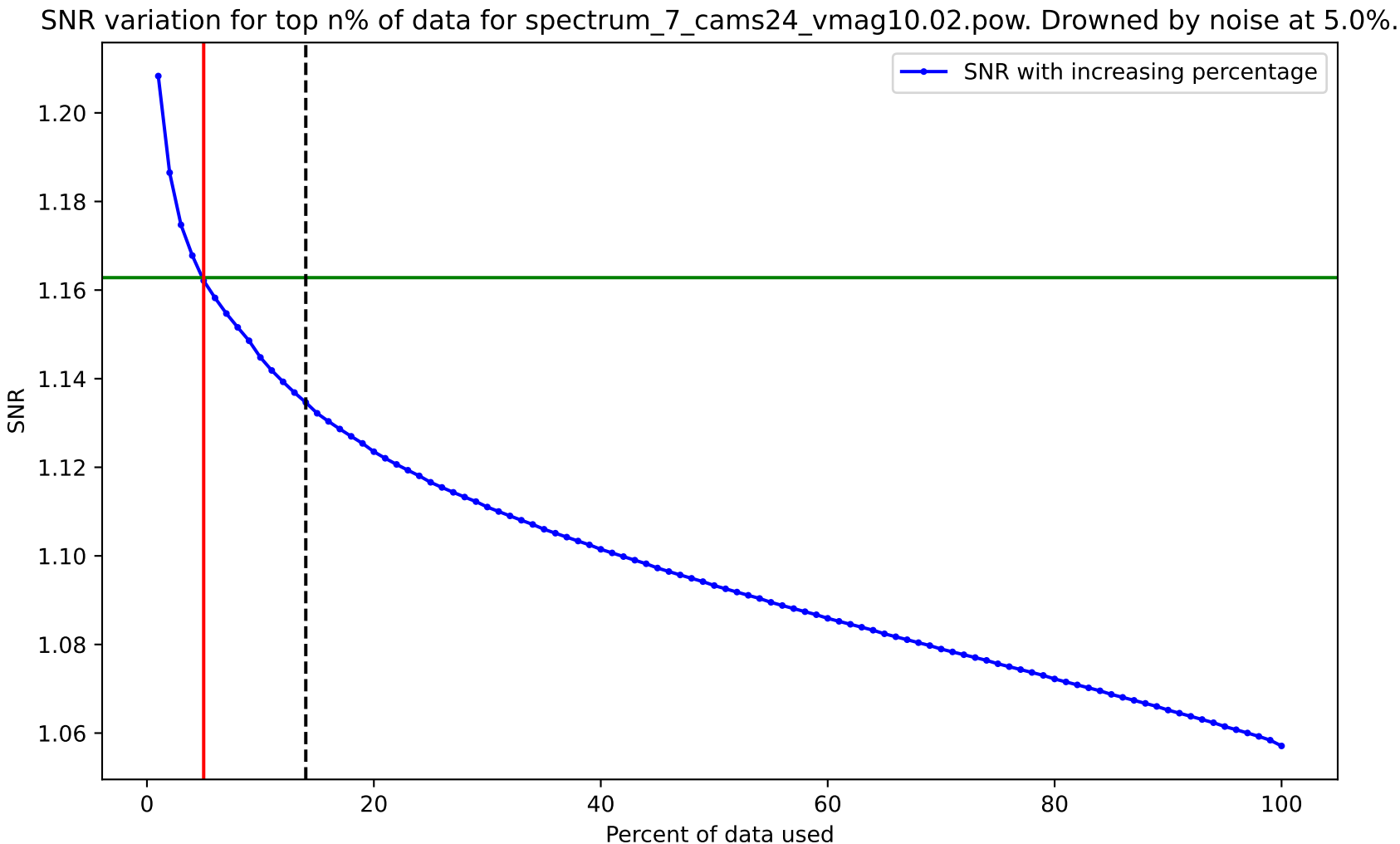

SNR vs Central Frequency for spectrum_6_cams24_vmag8.92.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

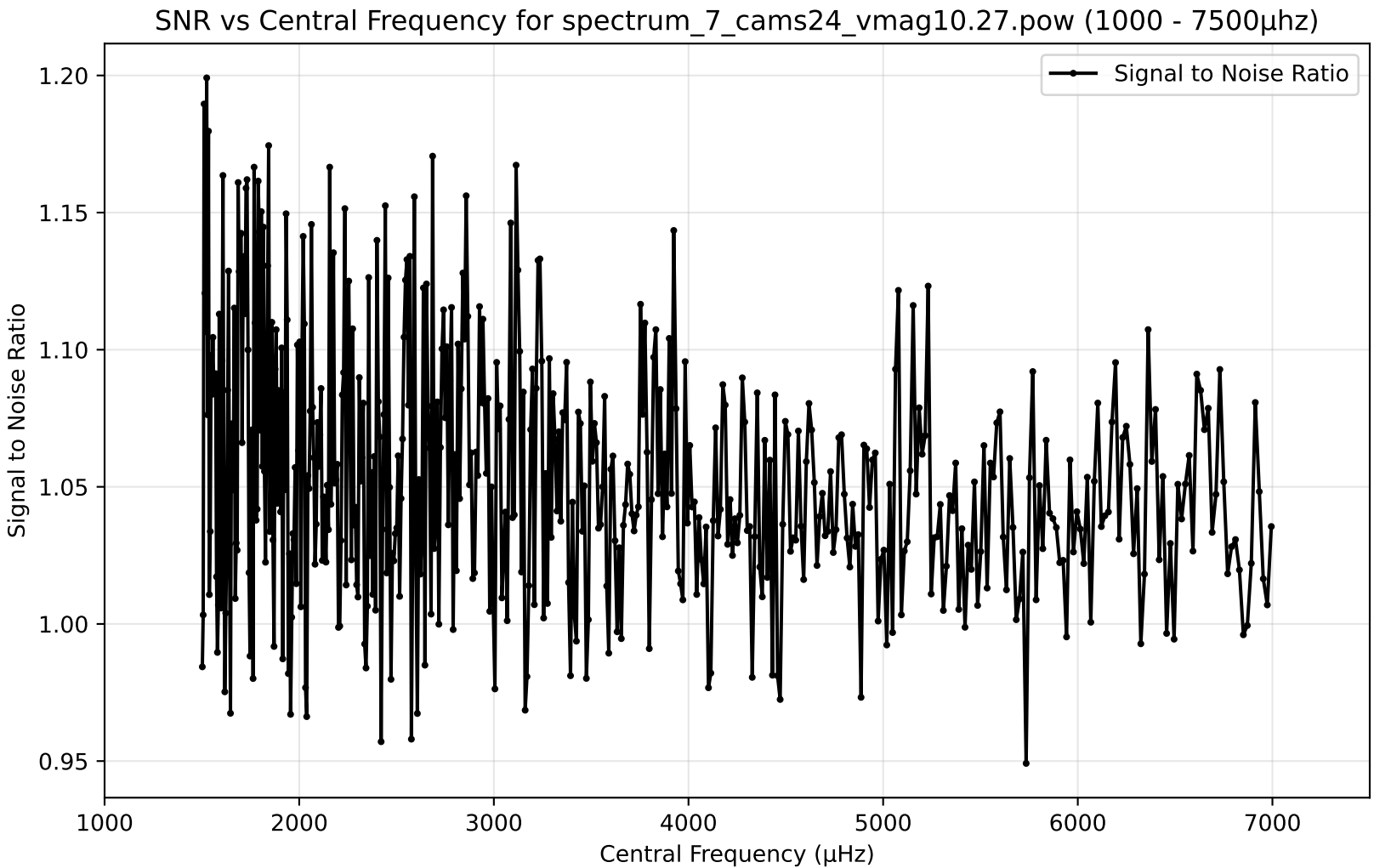

SNR variation for top n% of data for spectrum_6_cams24_vmag8.92.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

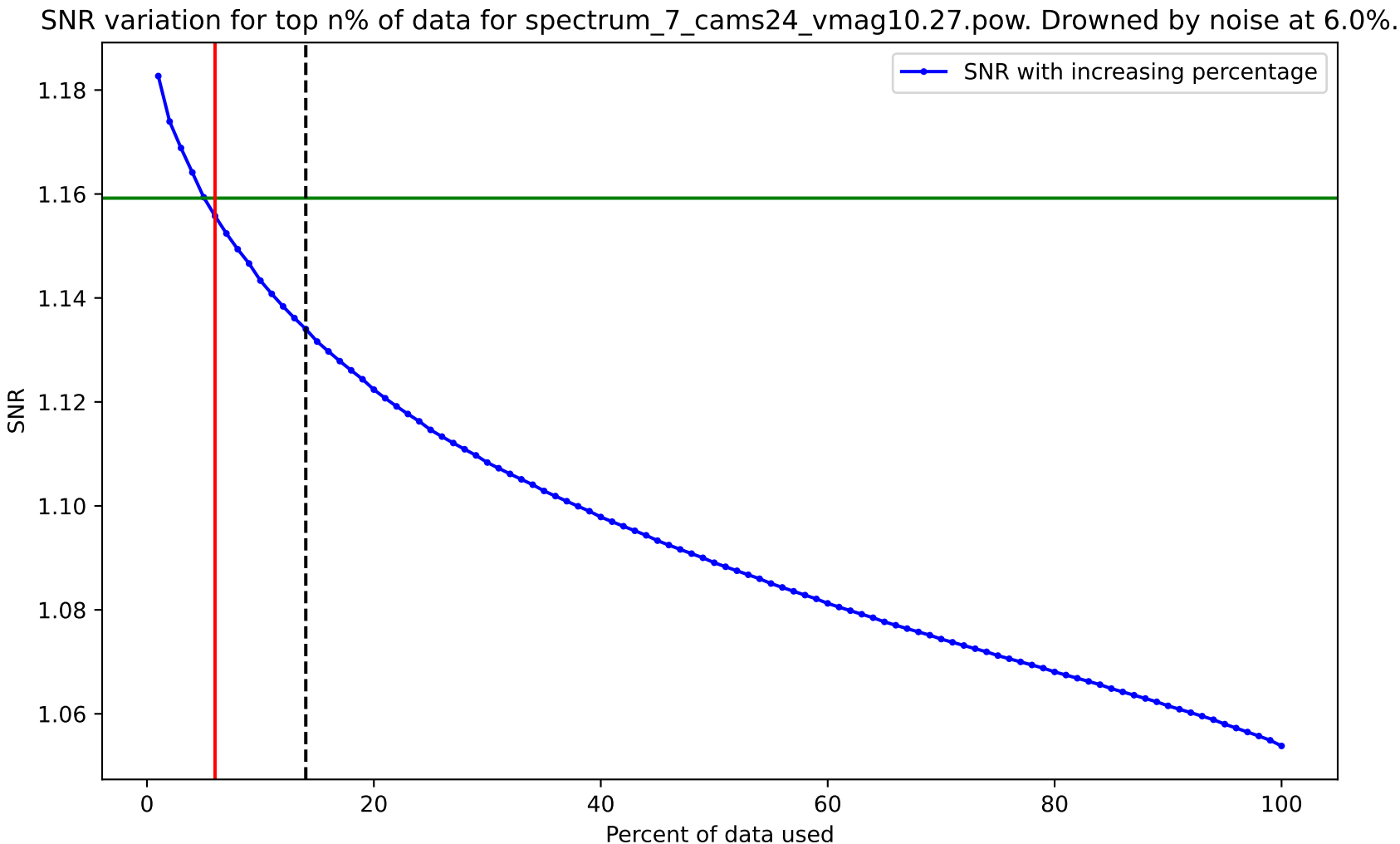

SNR vs Central Frequency for spectrum_6_cams24_vmag9.26.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

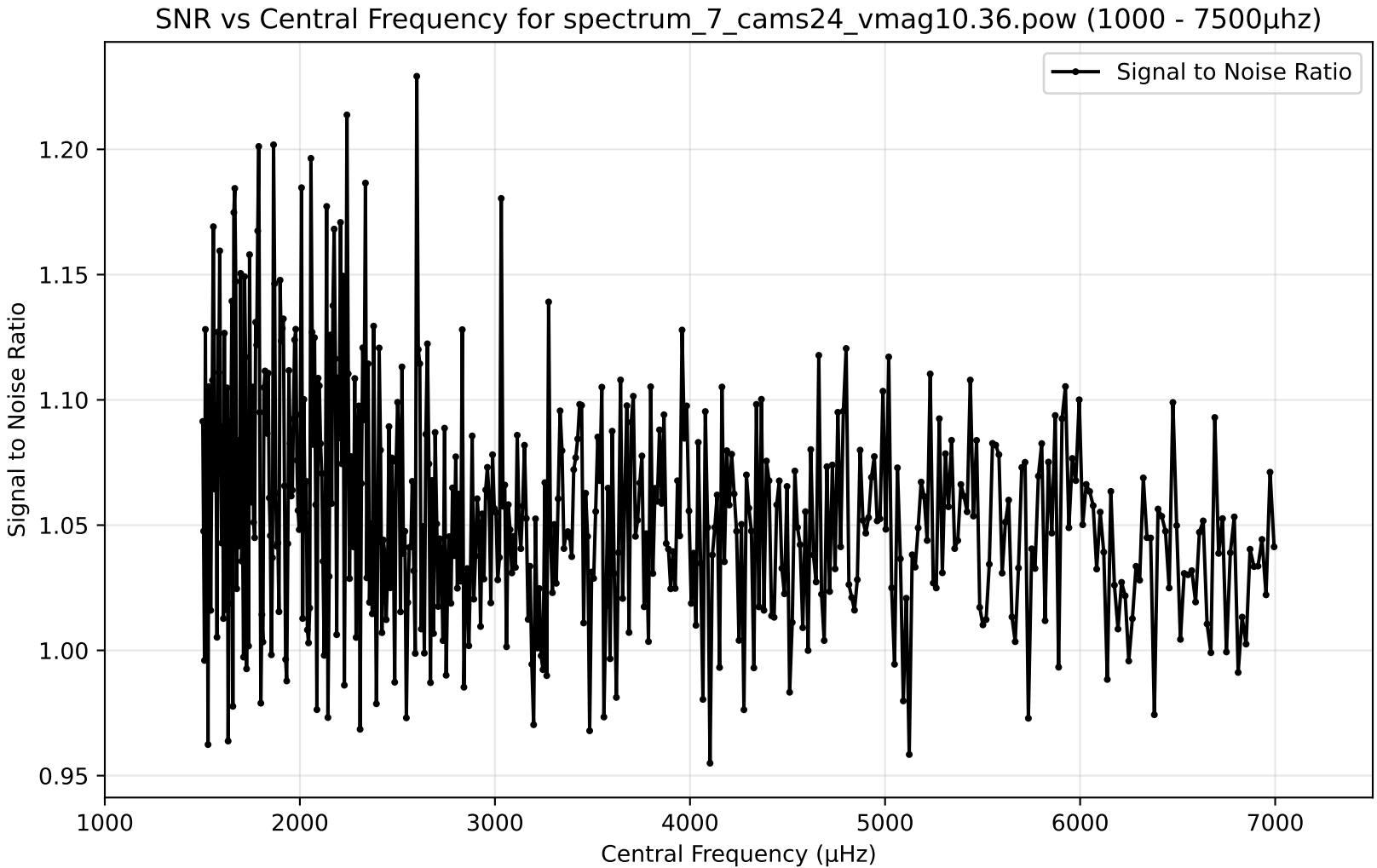

SNR variation for top n% of data for spectrum_6_cams24_vmag9.26.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
Percent of data used
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100

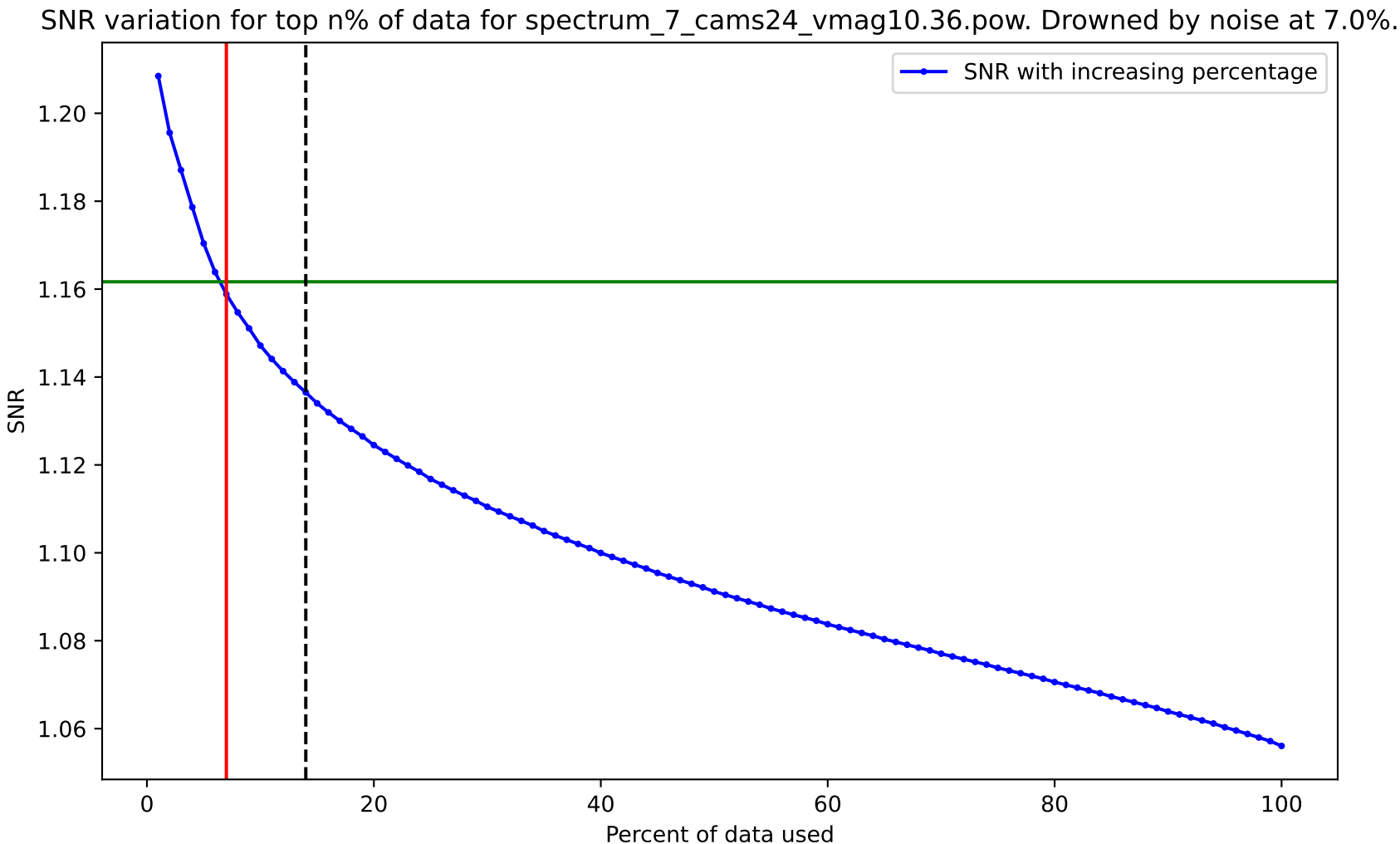

SNR vs Central Frequency for spectrum_7_cams24_vmag10.02.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
1000
2000
3000
4000
5000
6000
7000

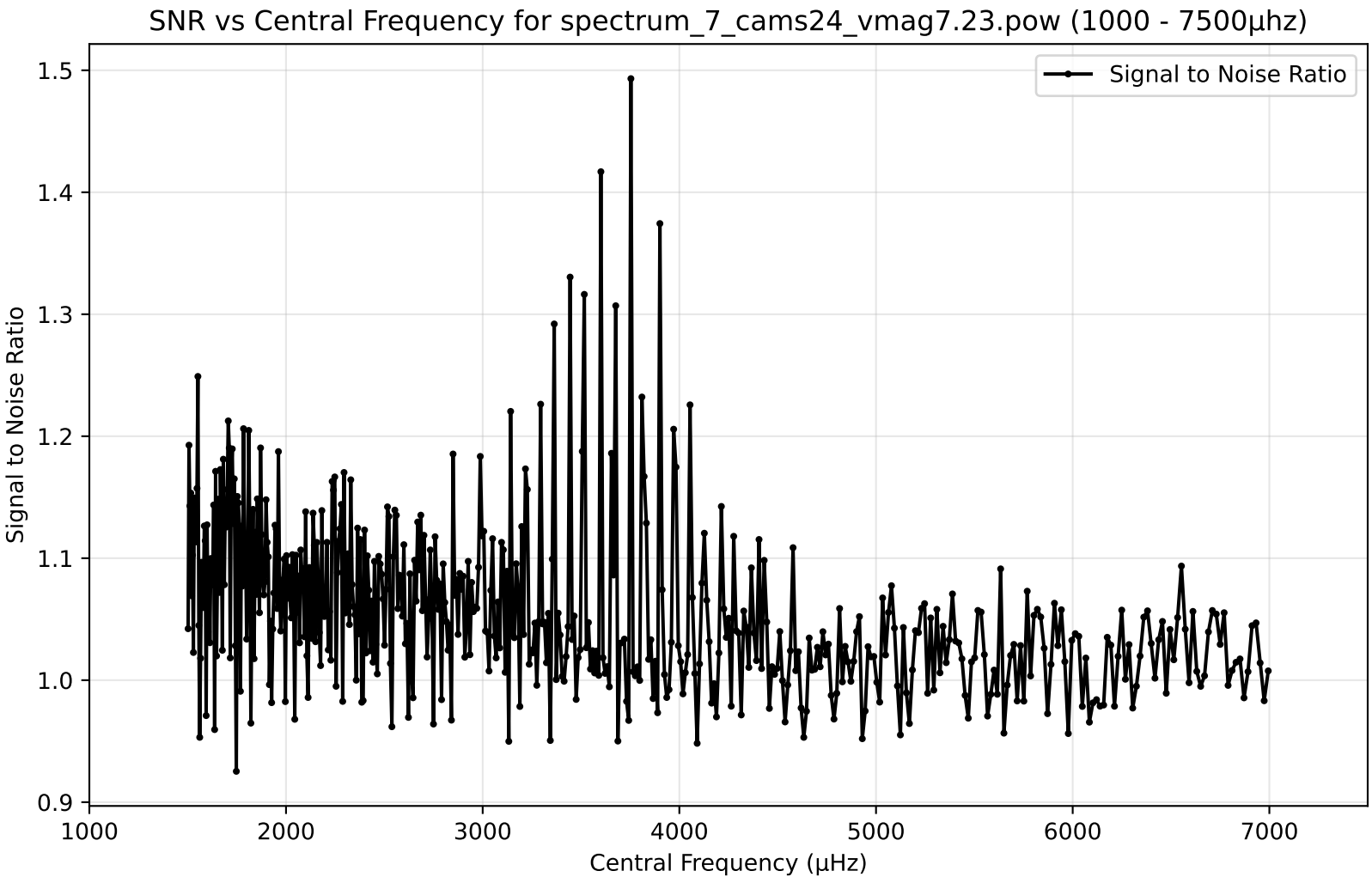

SNR variation for top n% of data for spectrum_7_cams24_vmag10.02.pow. Drowned by noise at 5.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

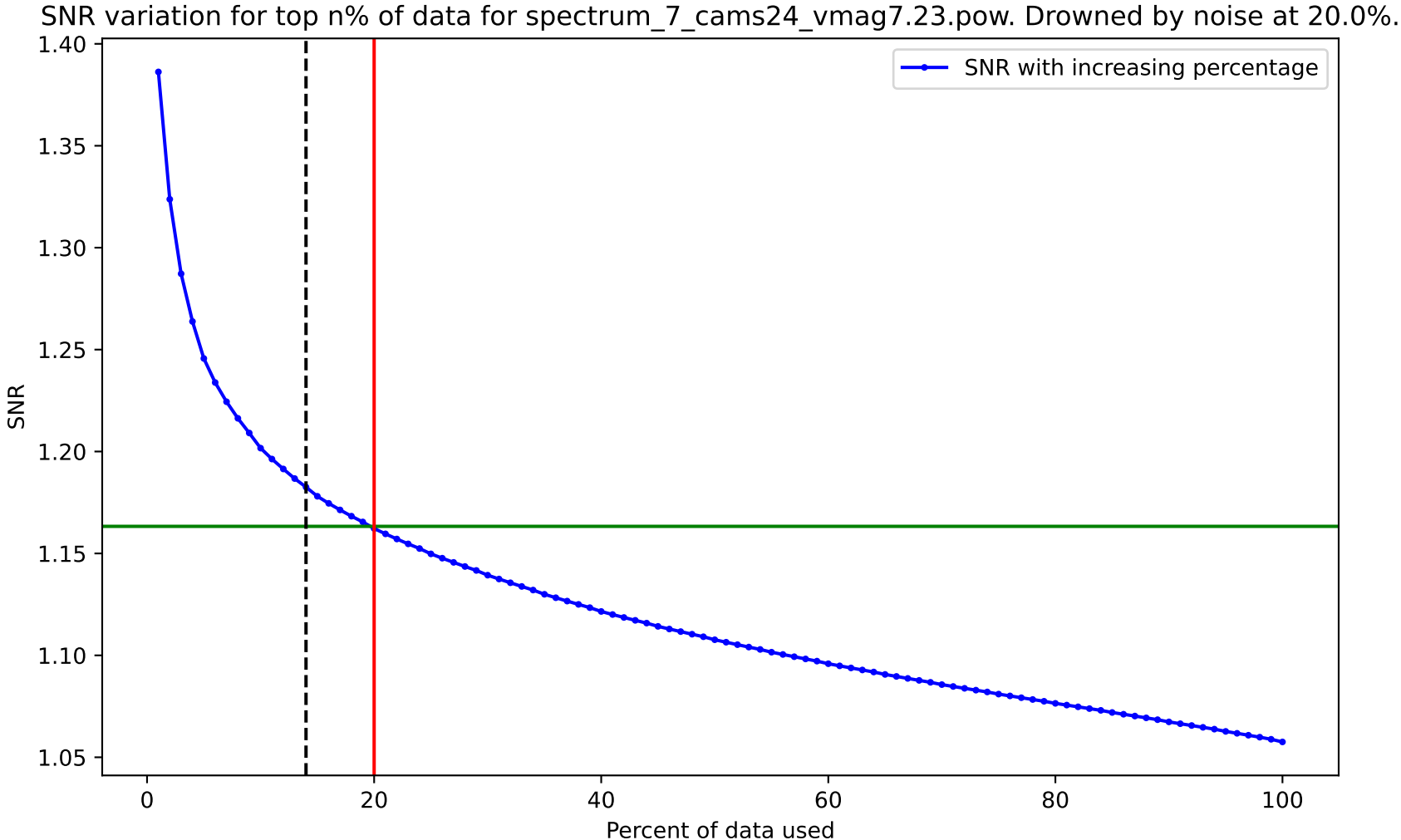

SNR vs Central Frequency for spectrum_7_cams24_vmag10.27.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

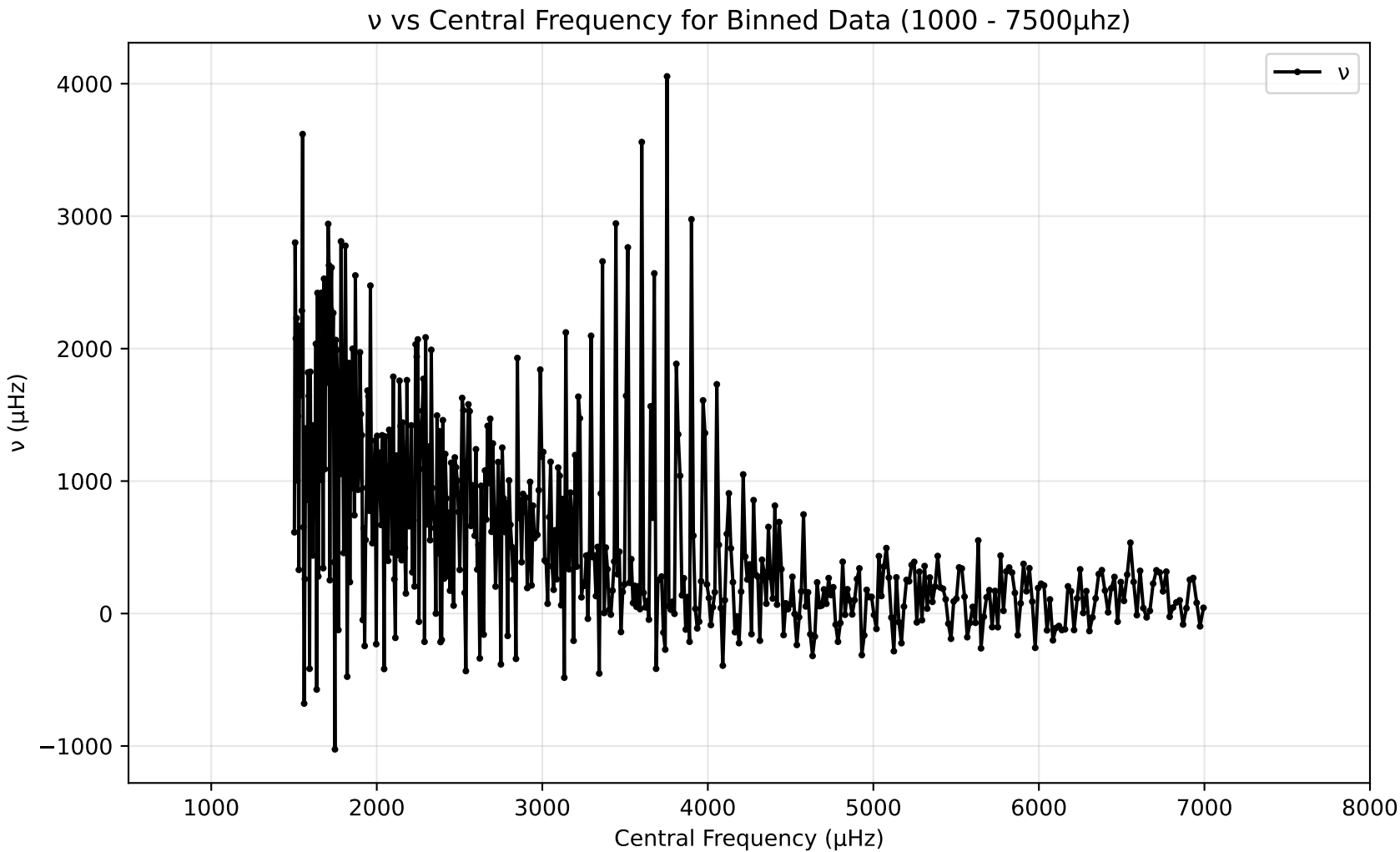

SNR variation for top n% of data for spectrum_7_cams24_vmag10.27.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

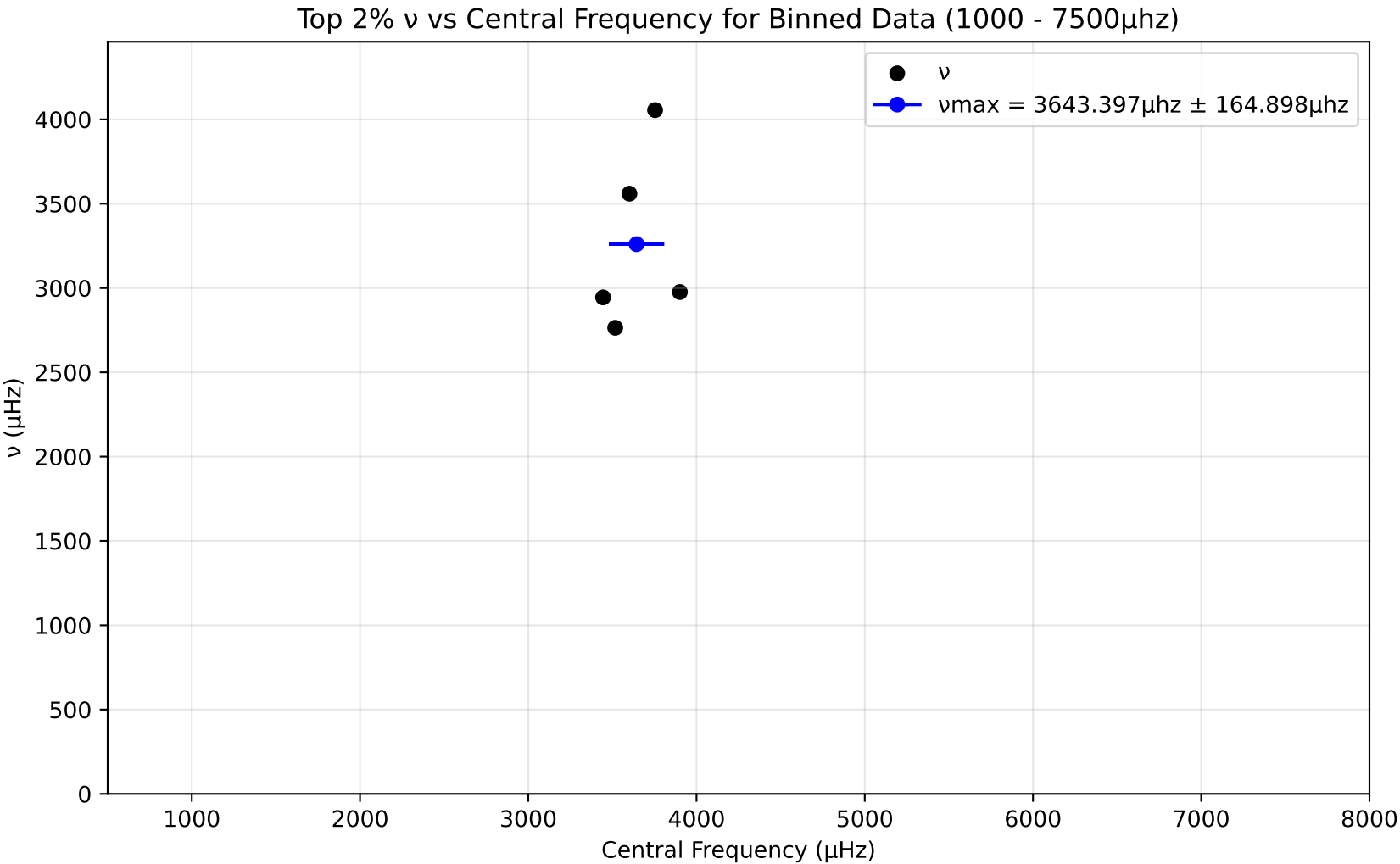

SNR vs Central Frequency for spectrum_7_cams24_vmag10.36.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

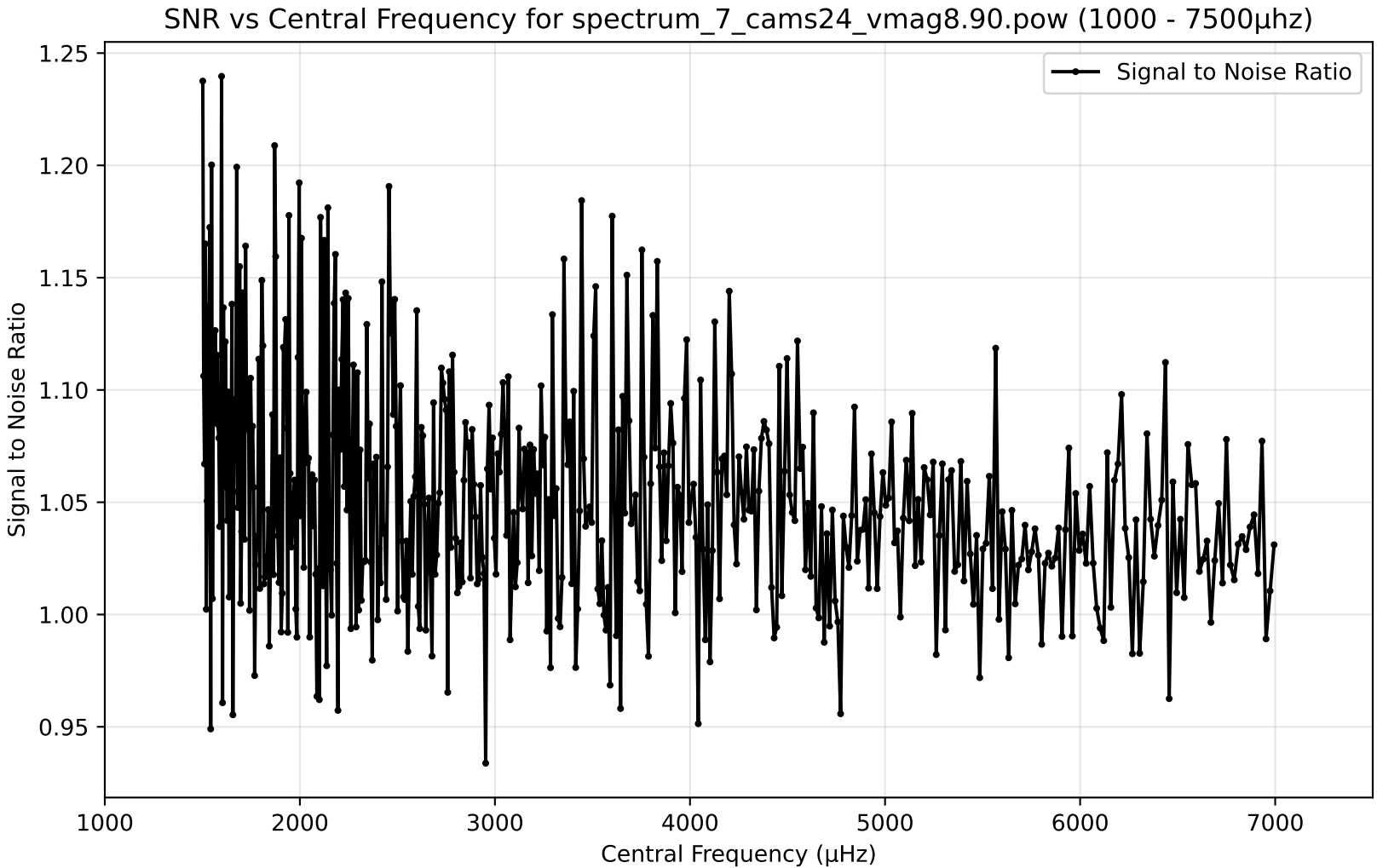

SNR variation for top n% of data for spectrum_7_cams24_vmag10.36.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

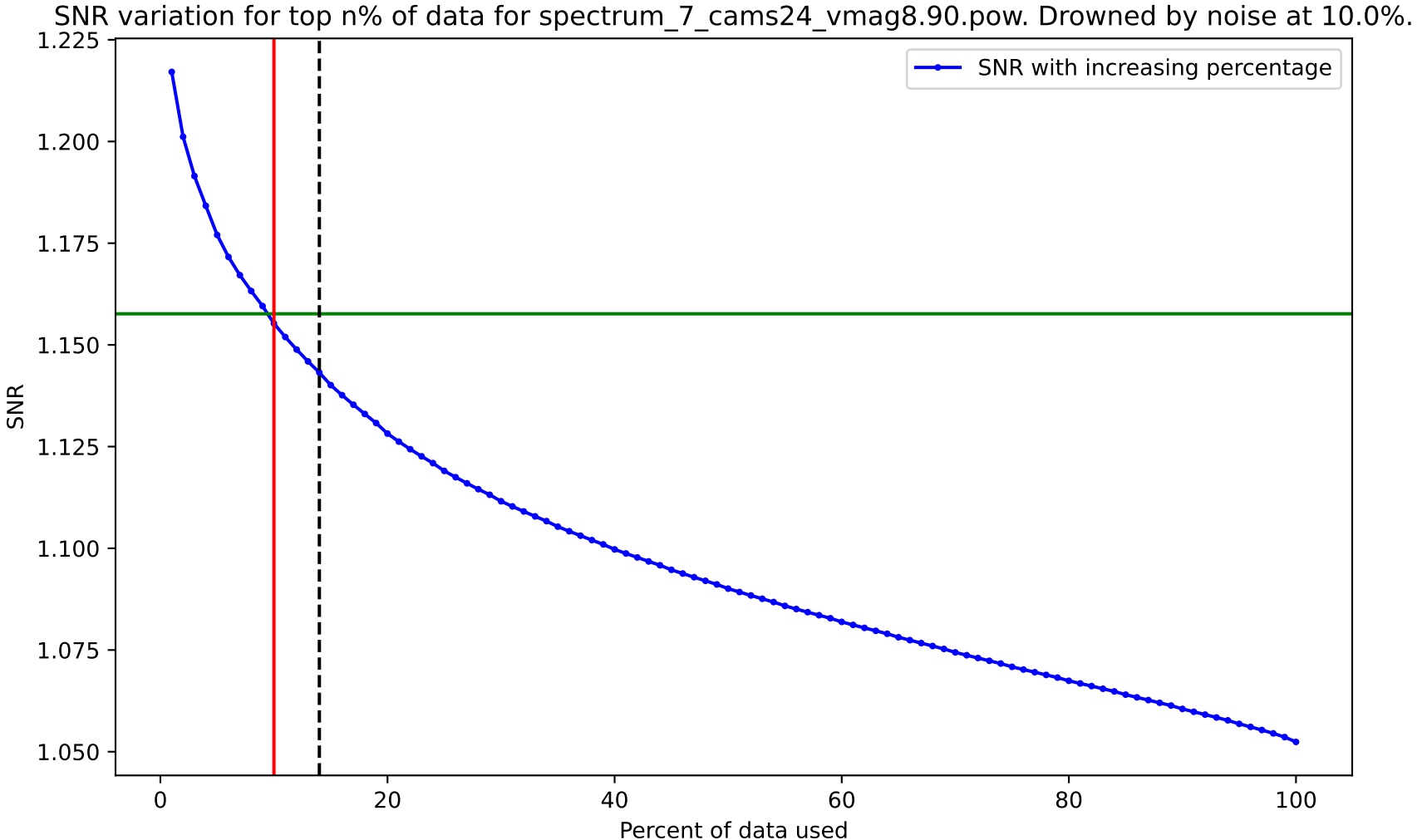

SNR vs Central Frequency for spectrum_7_cams24_vmag7.23.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

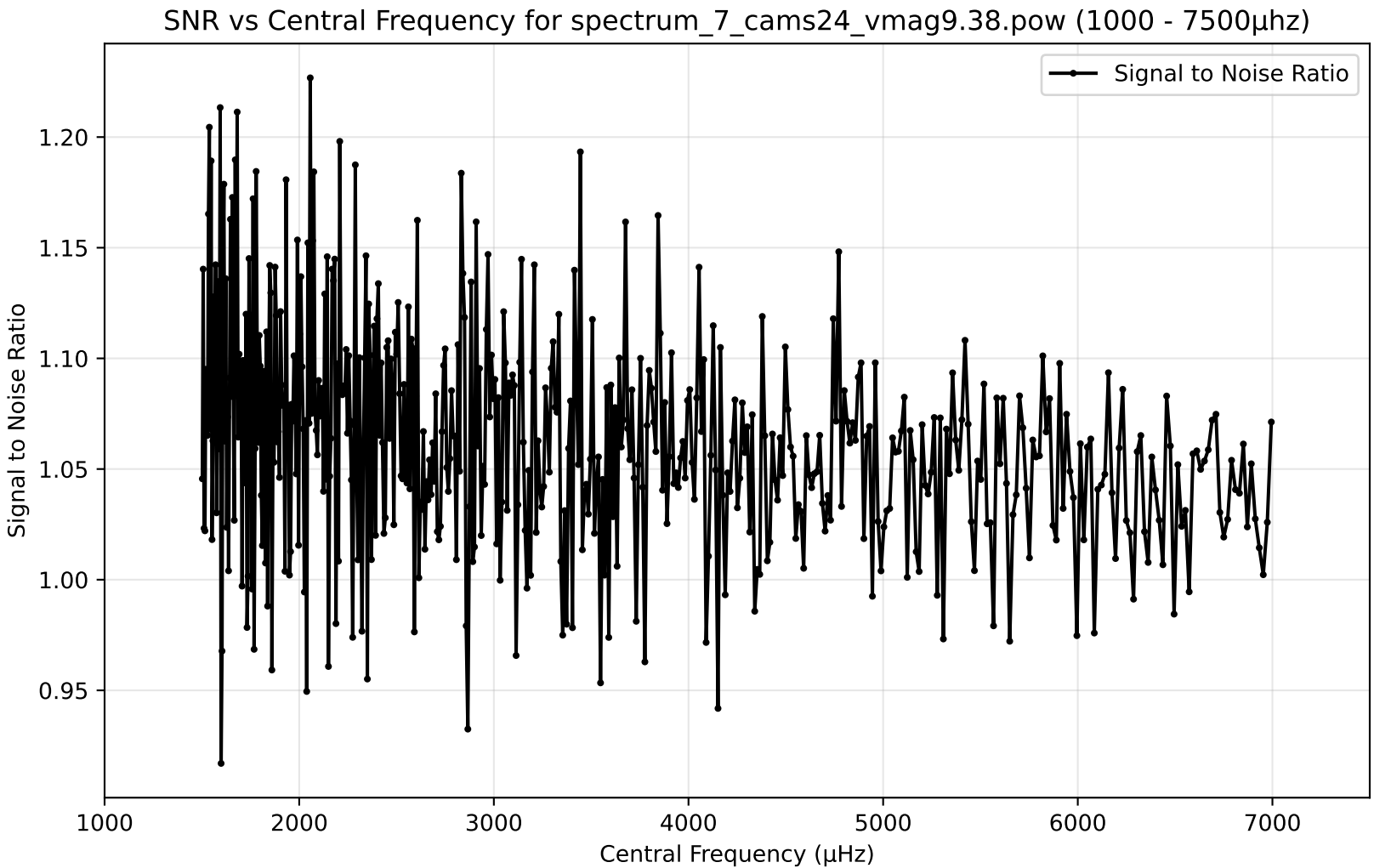

SNR variation for top n% of data for spectrum_7_cams24_vmag7.23.pow. Drowned by noise at 20.0%.
SNR with increasing percentage
SNR
Percent of data used
1.40
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100

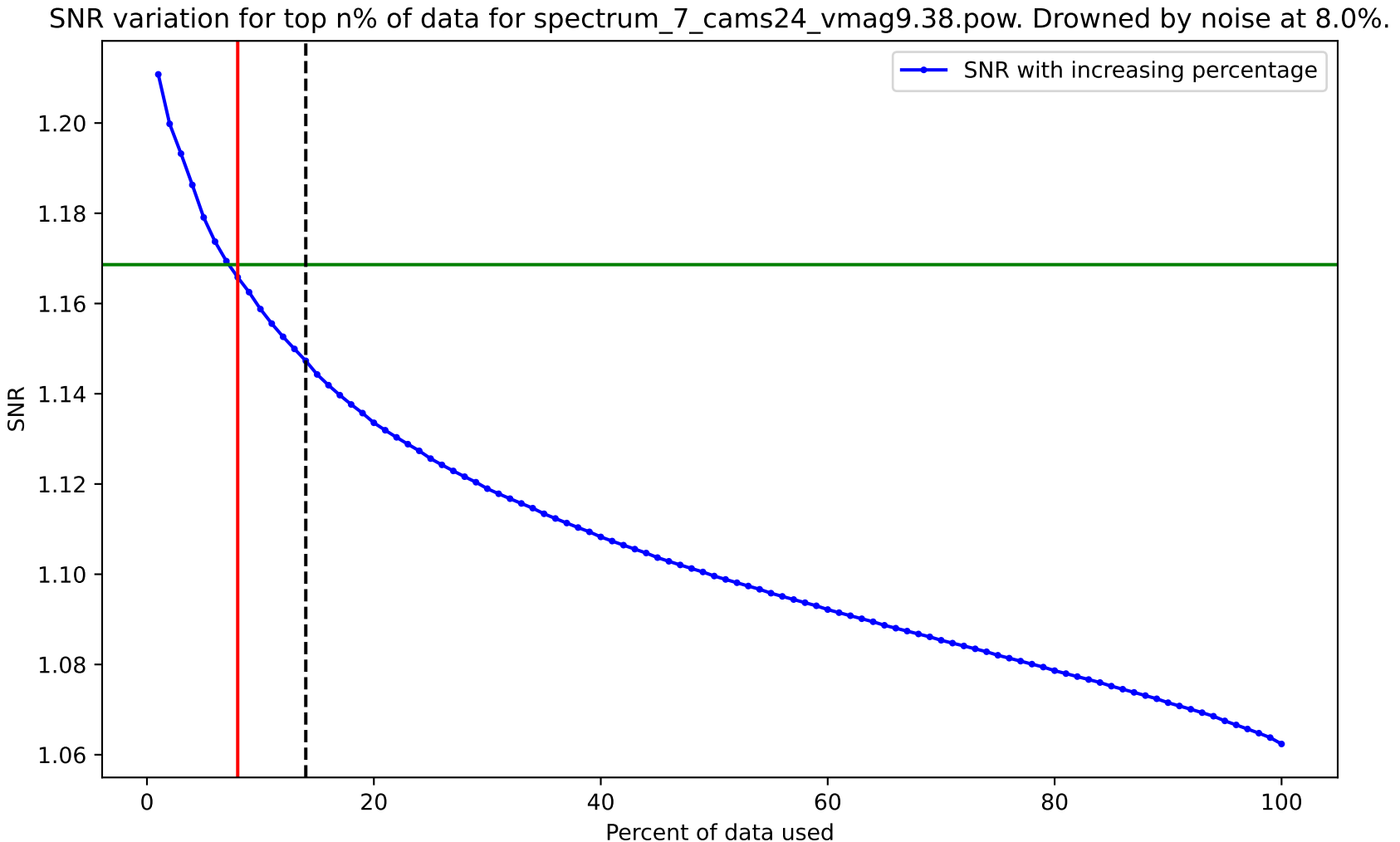

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

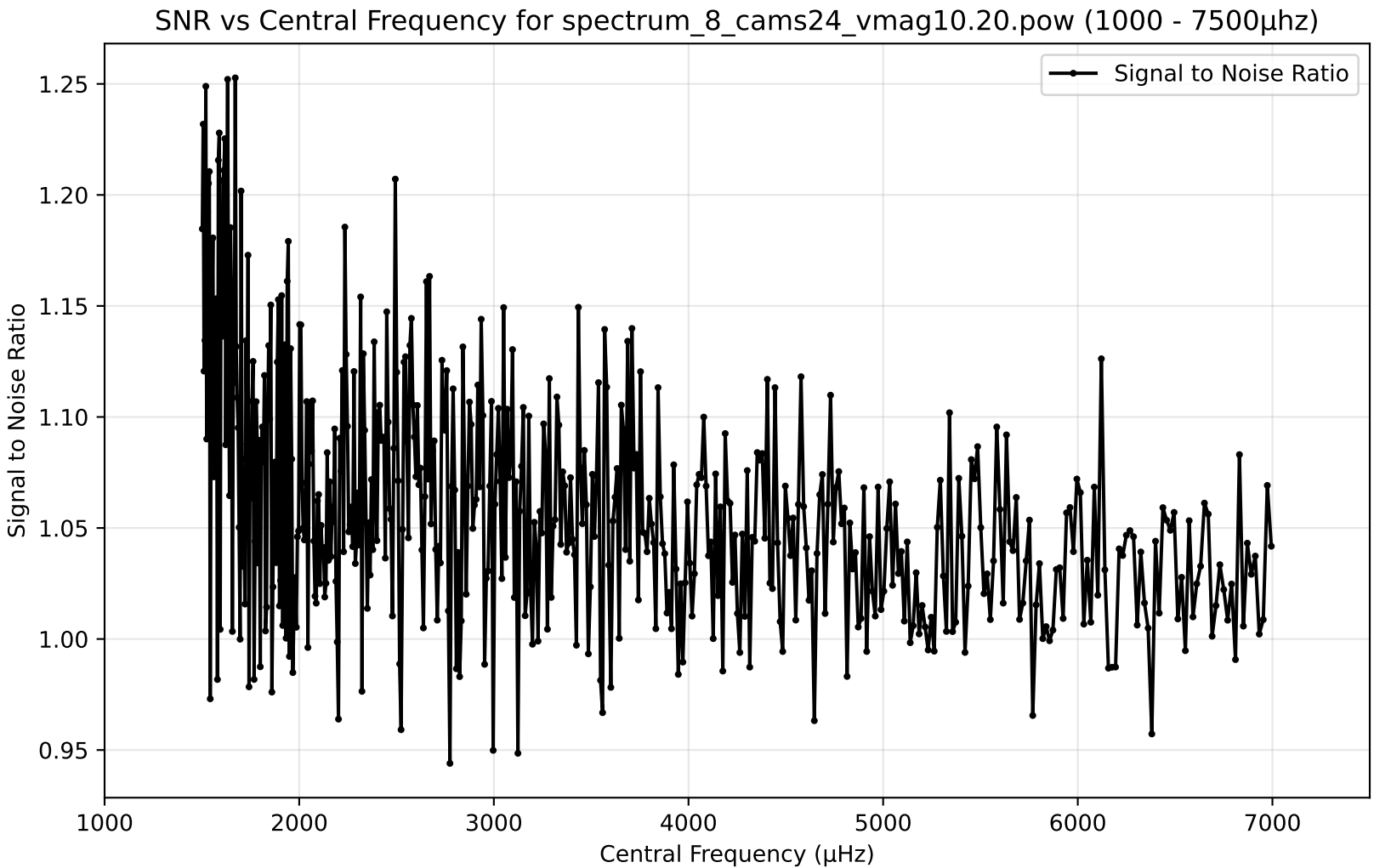

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3643.397μhz ± 164.898μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
4000
1000
2000
3000
4000
5000
6000
7000
8000

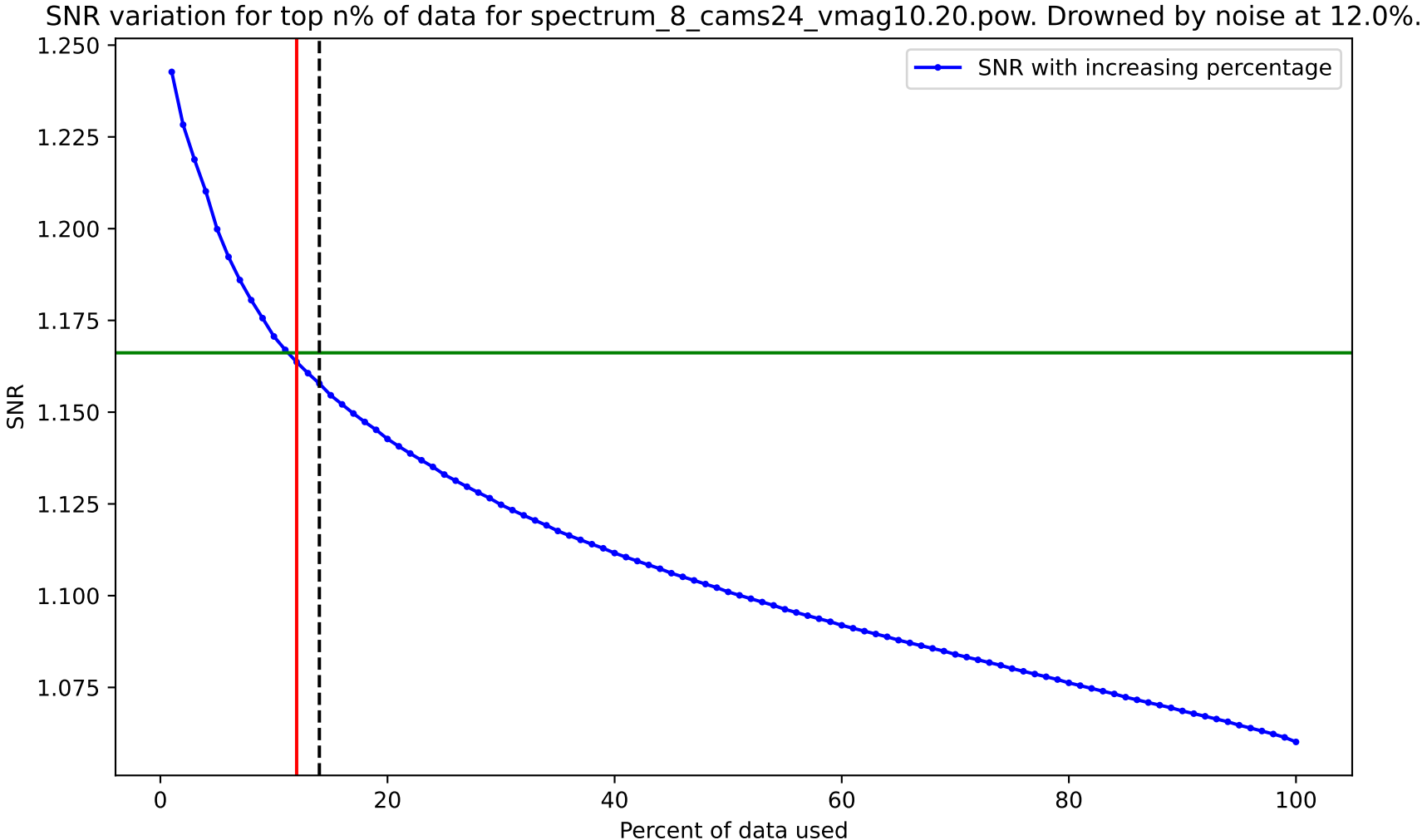

SNR vs Central Frequency for spectrum_7_cams24_vmag8.90.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

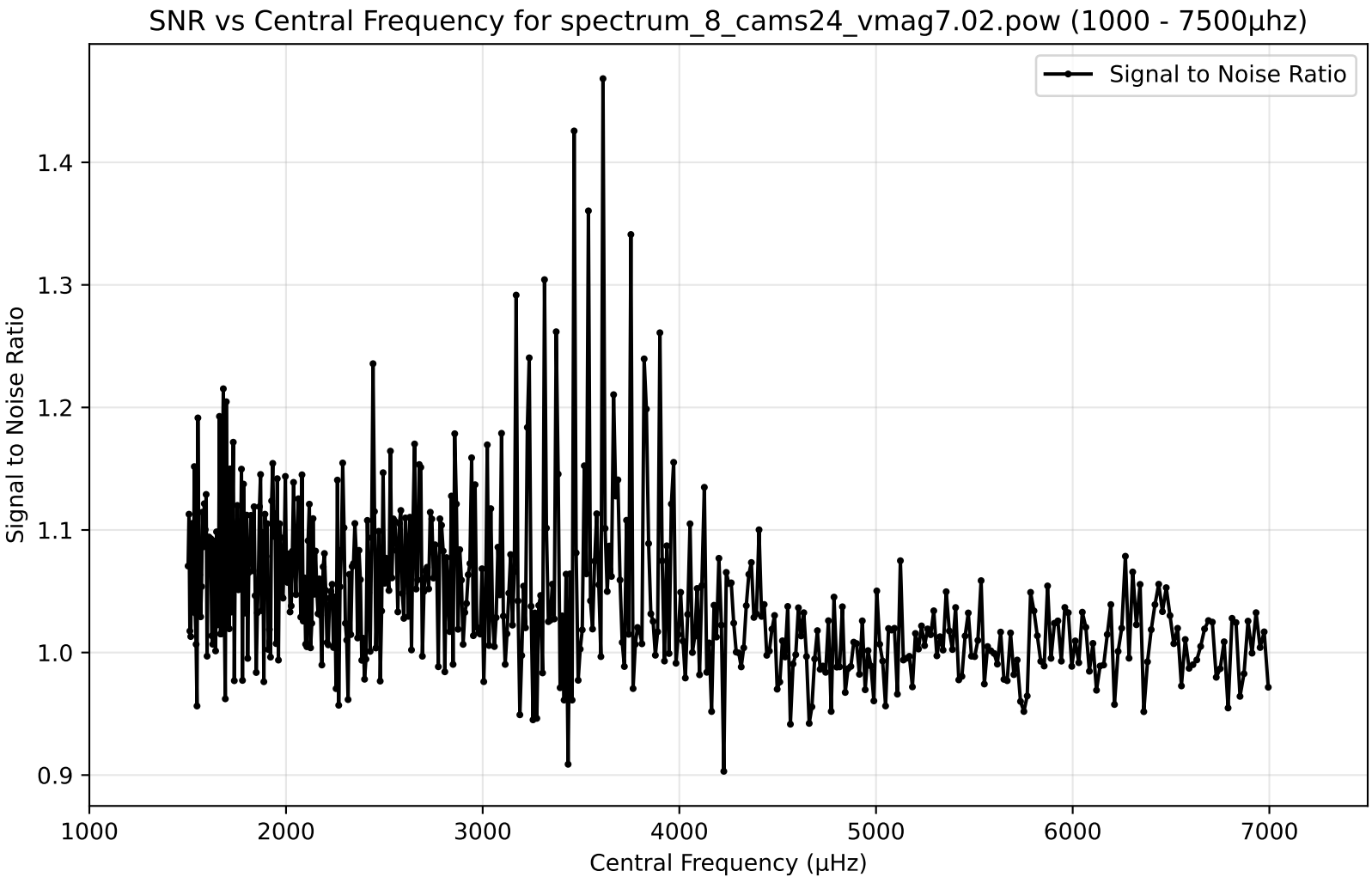

SNR variation for top n% of data for spectrum_7_cams24_vmag8.90.pow. Drowned by noise at 10.0%.
SNR with increasing percentage
SNR
Percent of data used
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

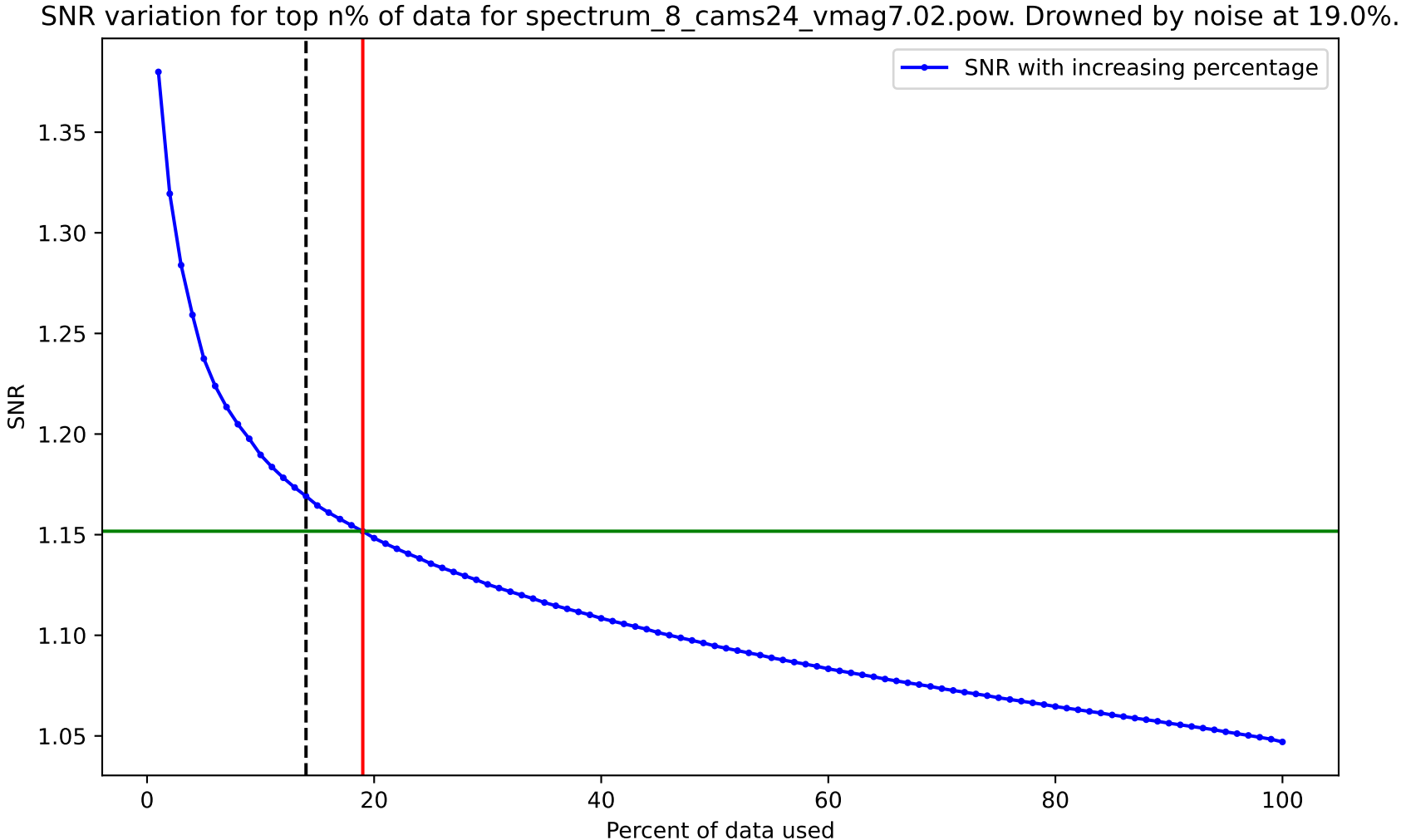

SNR vs Central Frequency for spectrum_7_cams24_vmag9.38.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

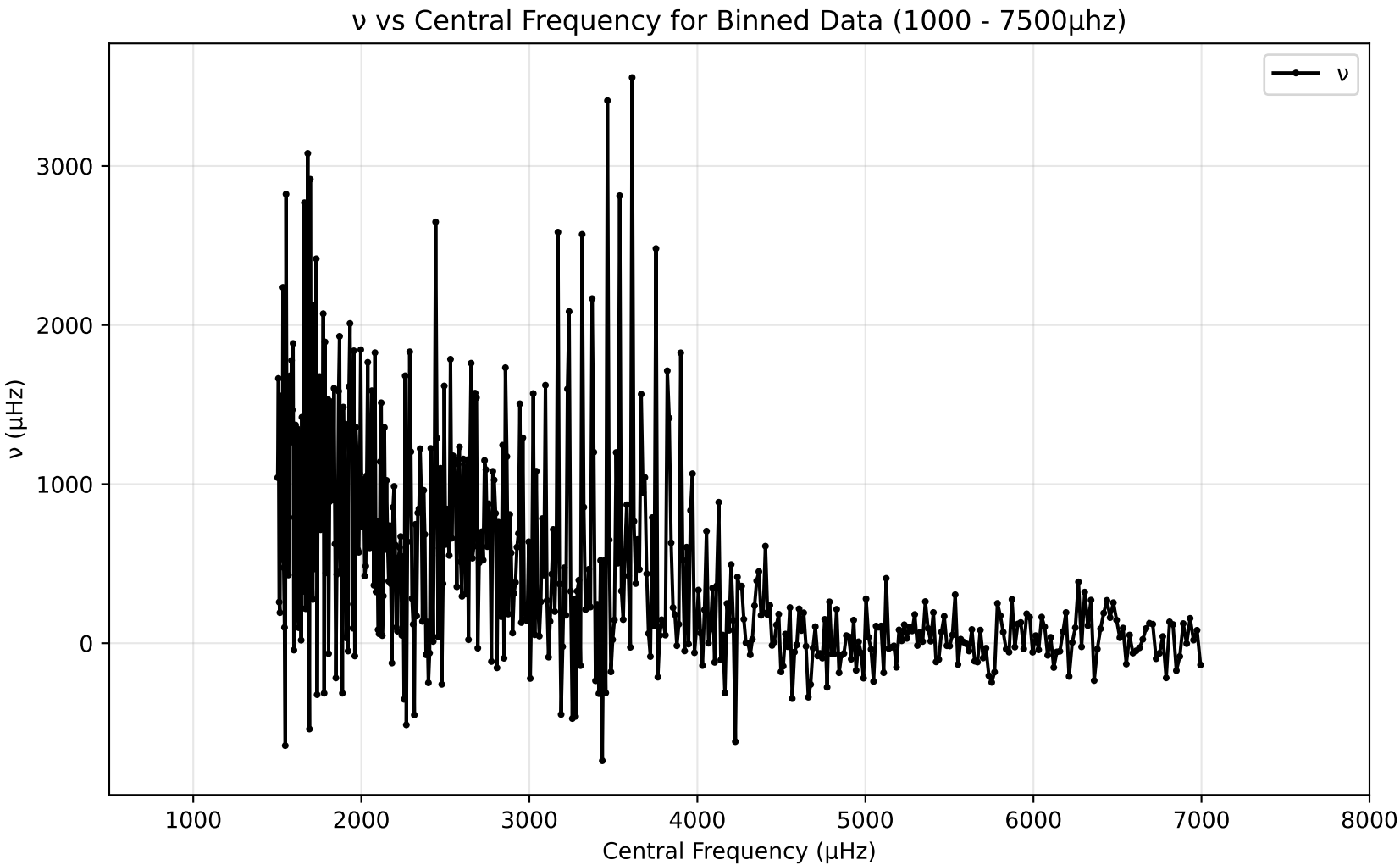

SNR variation for top n% of data for spectrum_7_cams24_vmag9.38.pow. Drowned by noise at 8.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

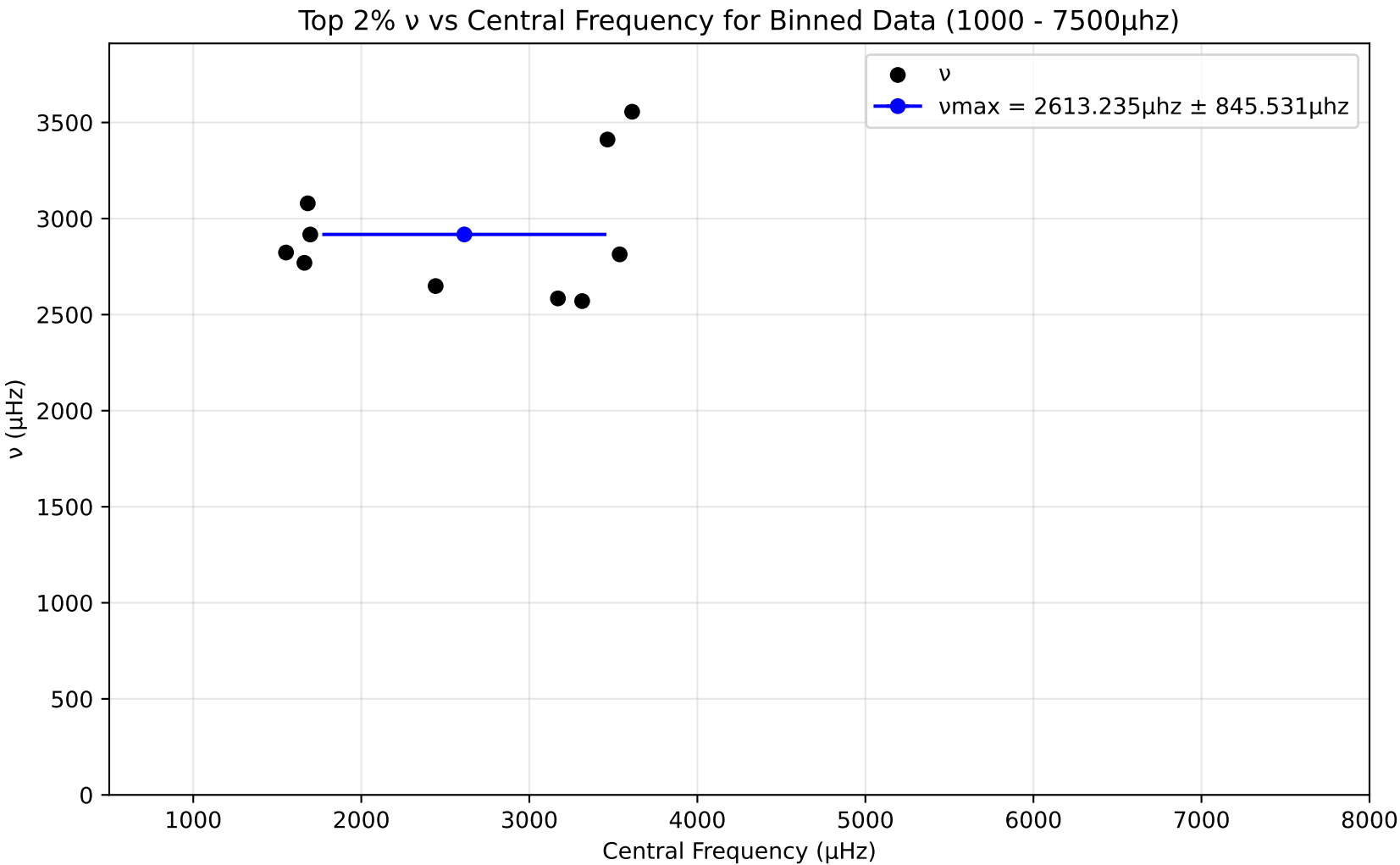

SNR vs Central Frequency for spectrum_8_cams24_vmag10.20.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (μHz)
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000

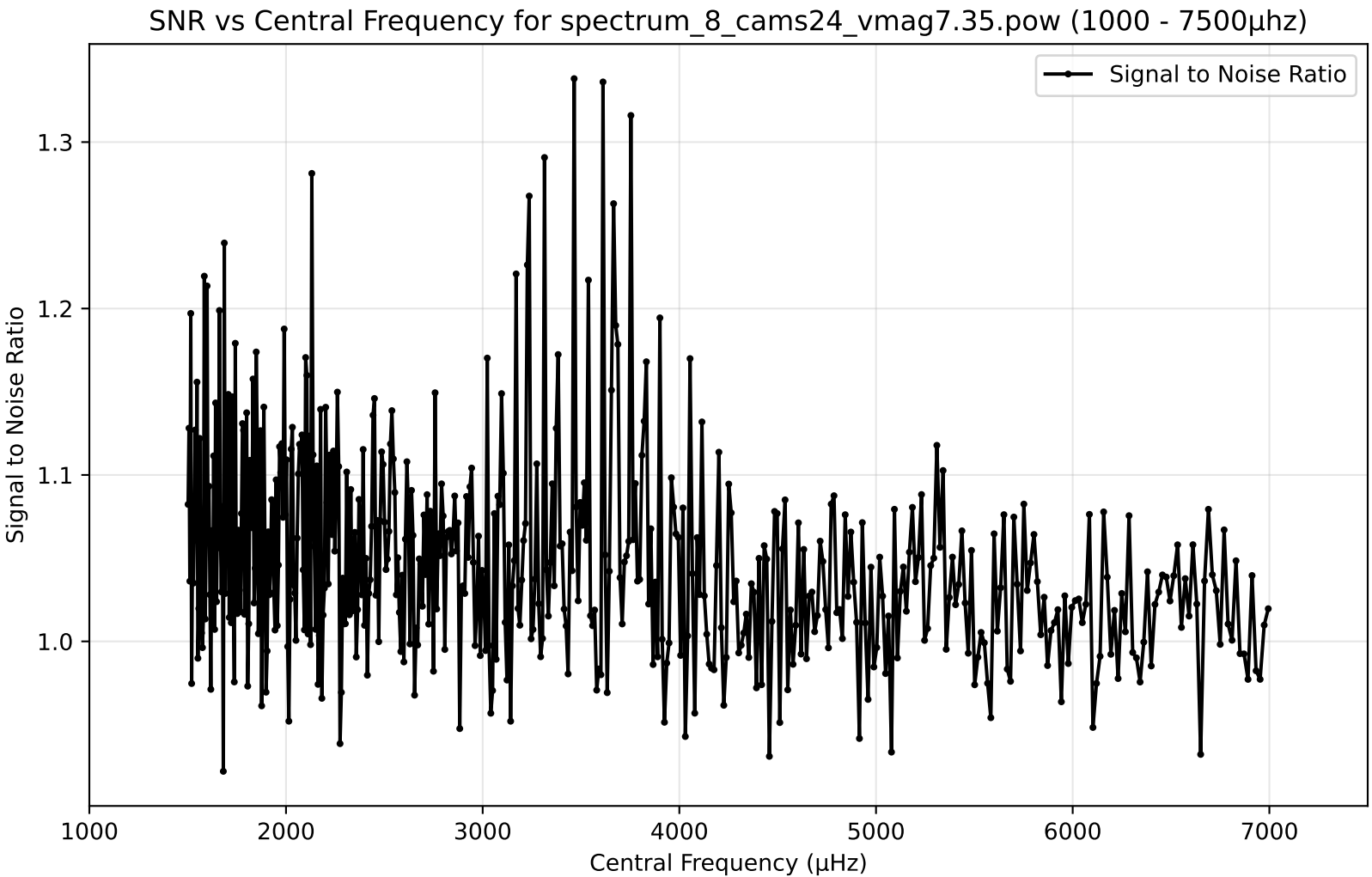

SNR variation for top n% of data for spectrum_8_cams24_vmag10.20.pow. Drowned by noise at 12.0%.
SNR with increasing percentage
SNR
Percent of data used
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
0
20
40
60
80
100

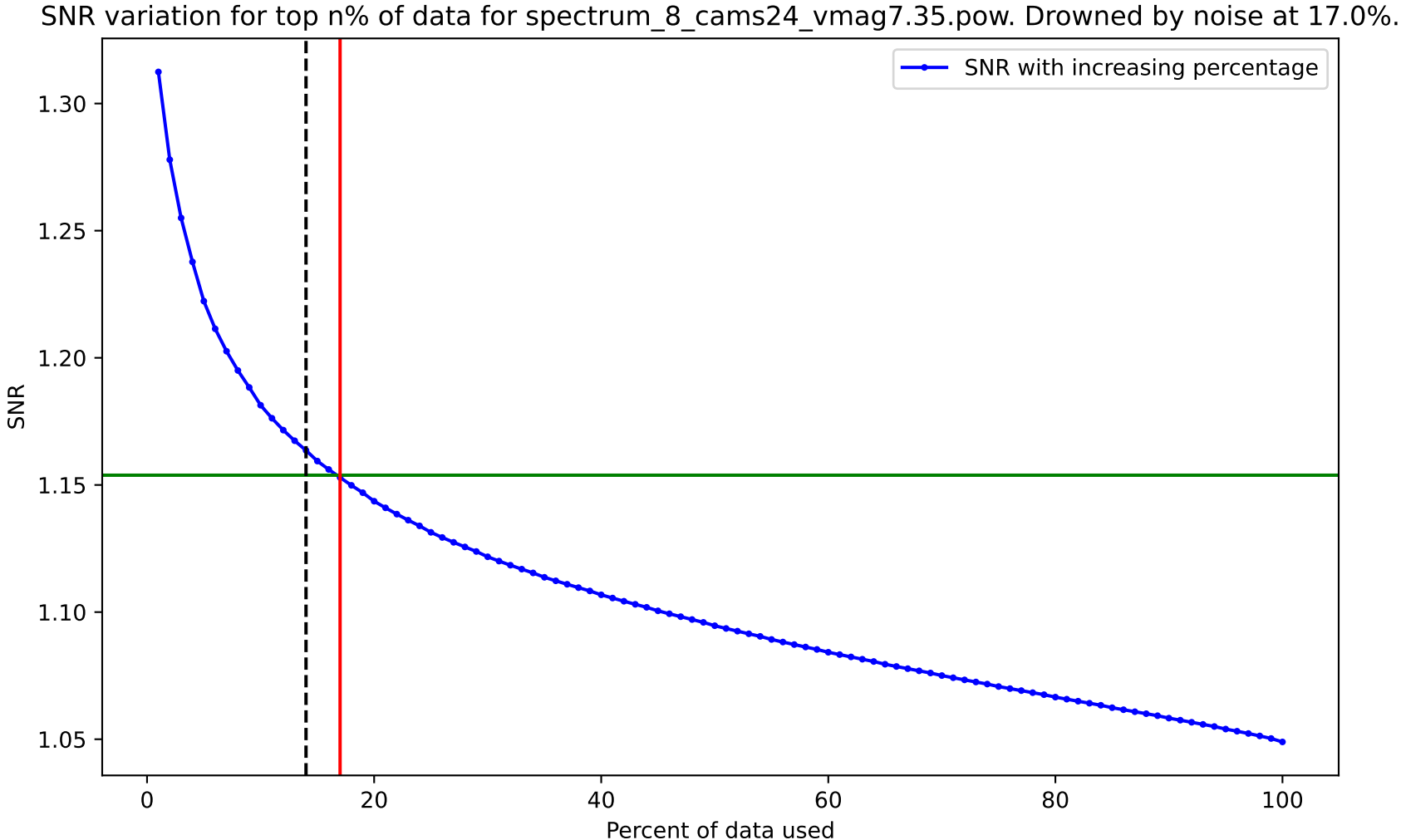

SNR vs Central Frequency for spectrum_8_cams24_vmag7.02.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

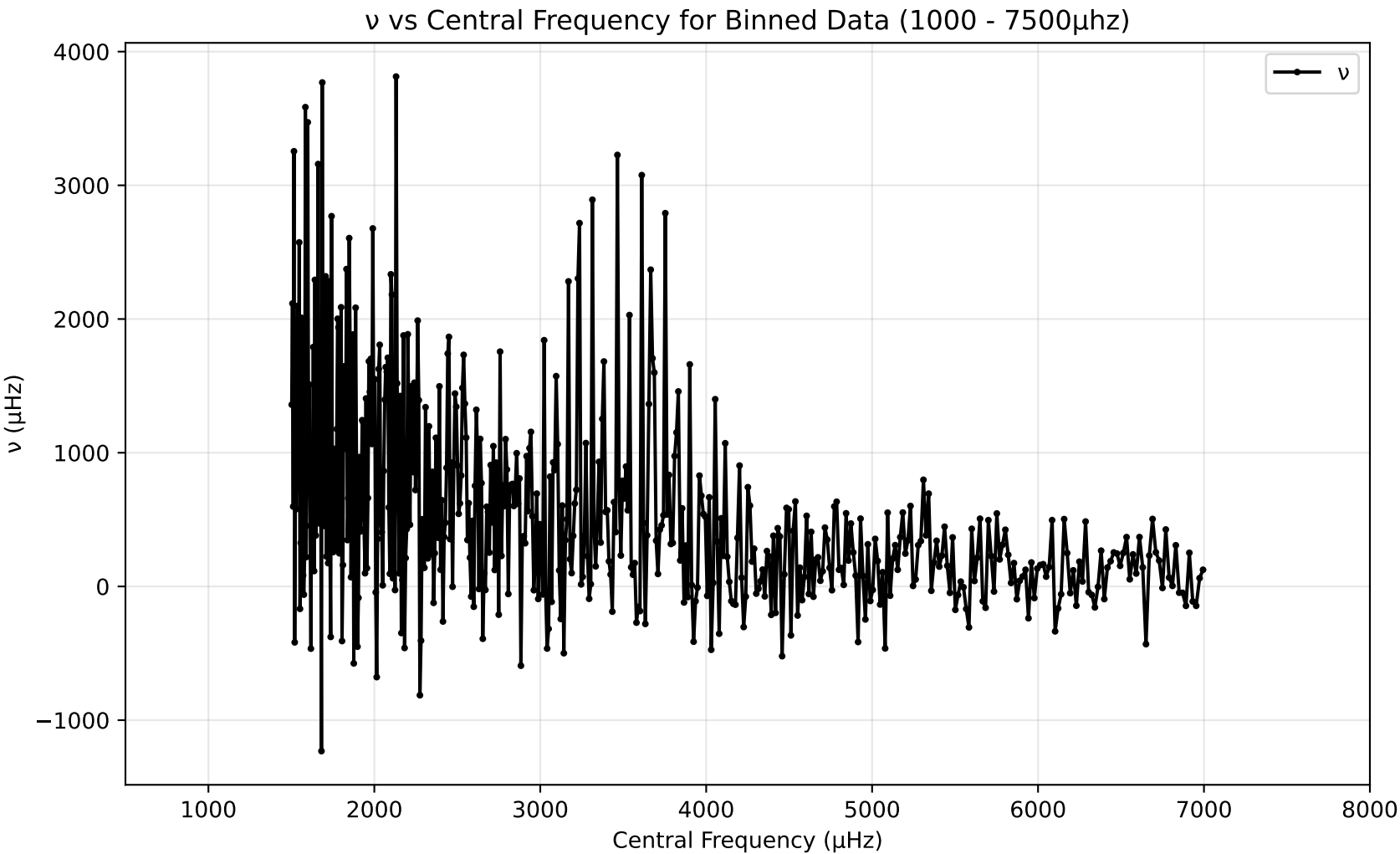

SNR variation for top n% of data for spectrum_8_cams24_vmag7.02.pow. Drowned by noise at 19.0%.
SNR with increasing percentage
SNR
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

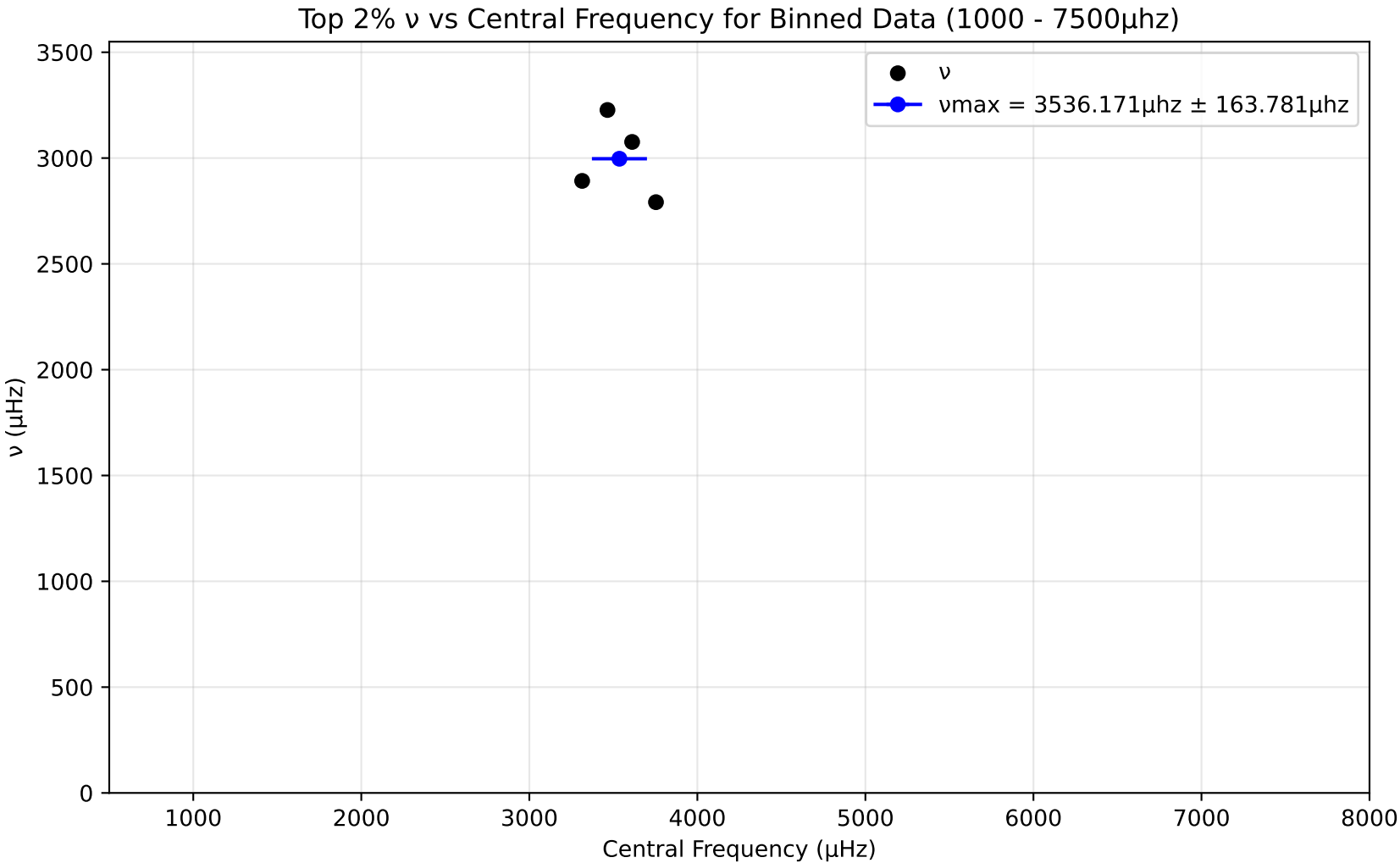

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
3000
2000
1000
0
ν (μHz)
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)

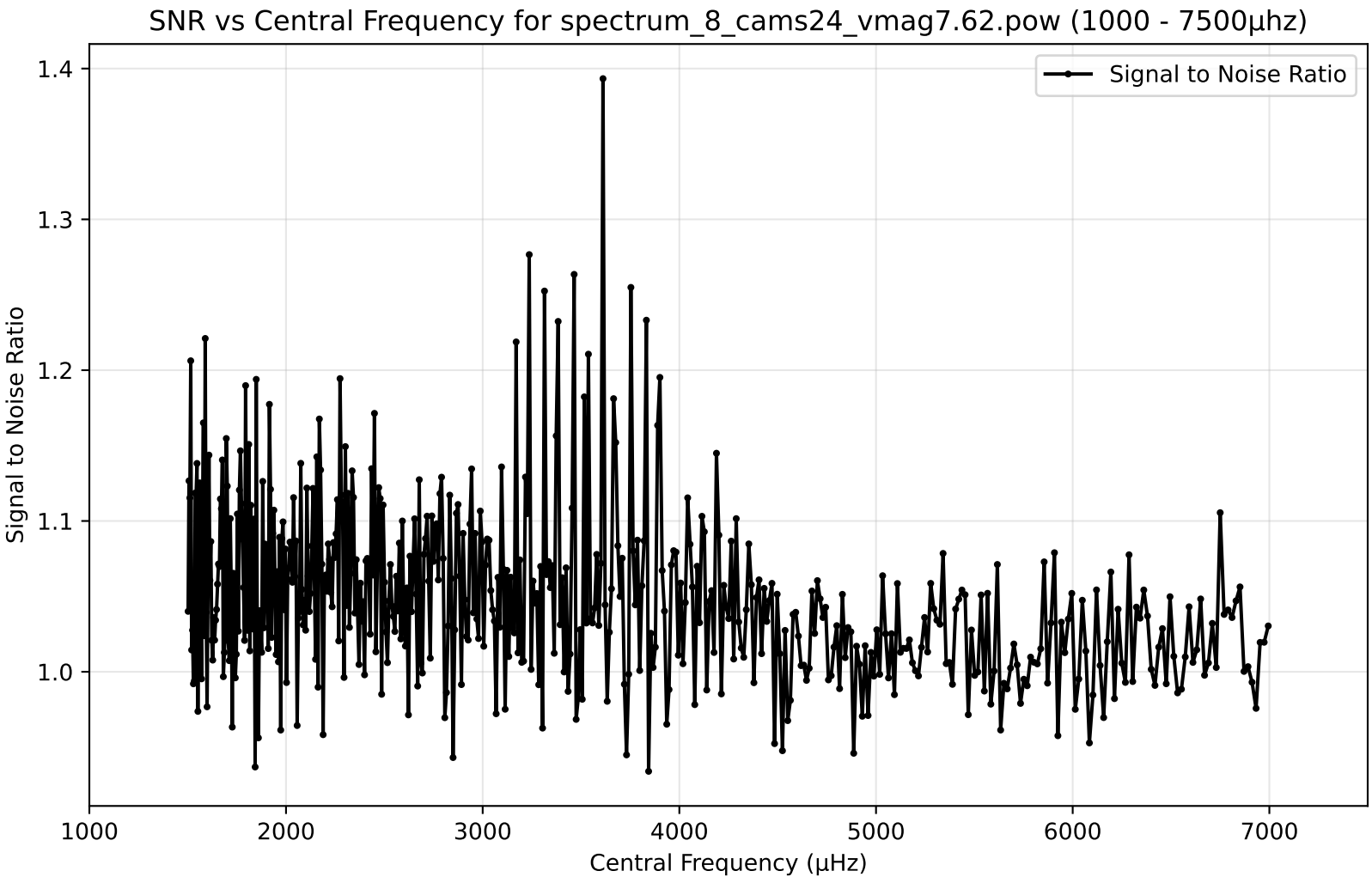

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 2613.235μhz ± 845.531μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
1000
2000
3000
4000
5000
6000
7000
8000

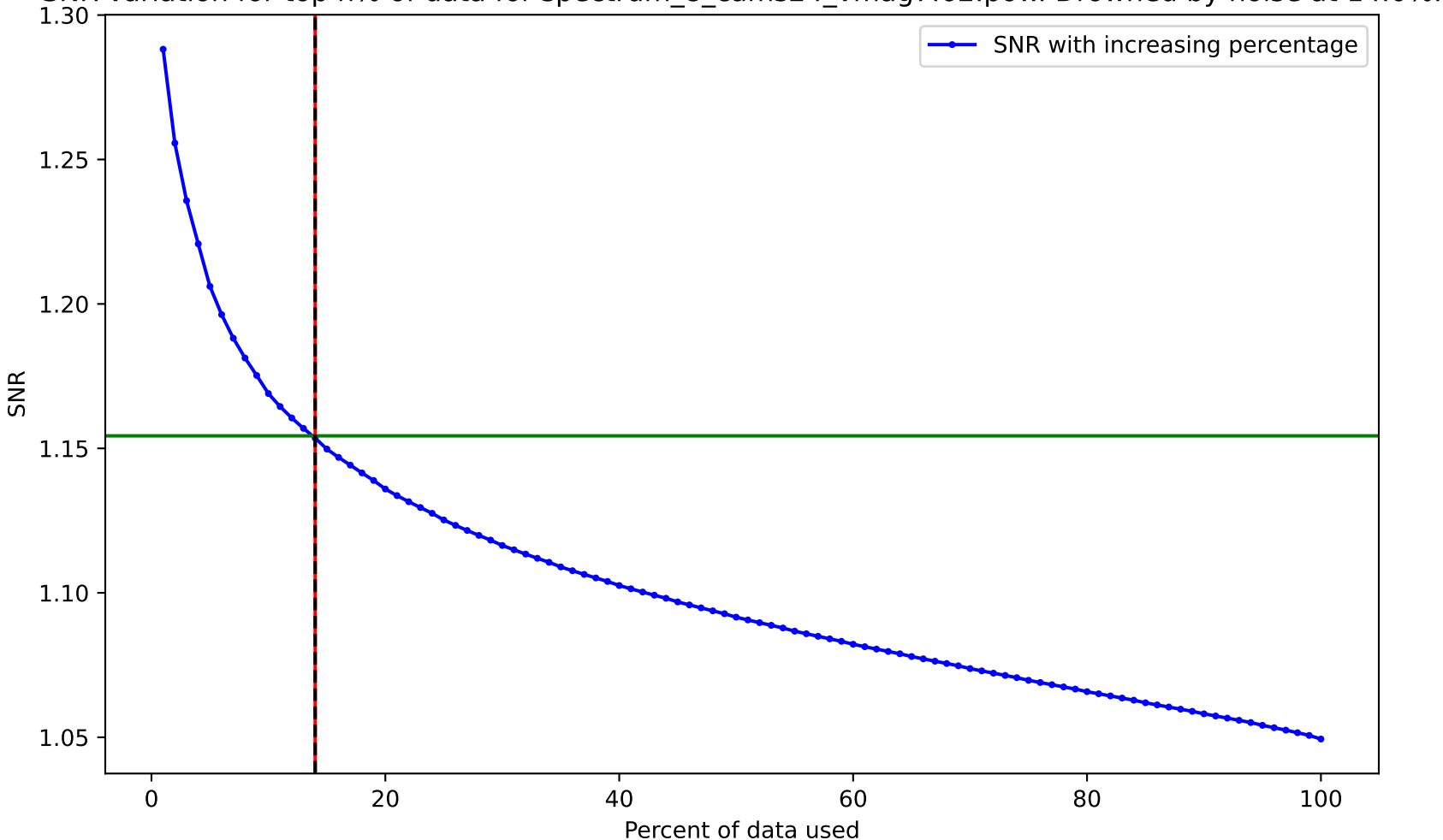

SNR vs Central Frequency for spectrum_8_cams24_vmag7.35.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.3
1.2
1.1
1.0
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

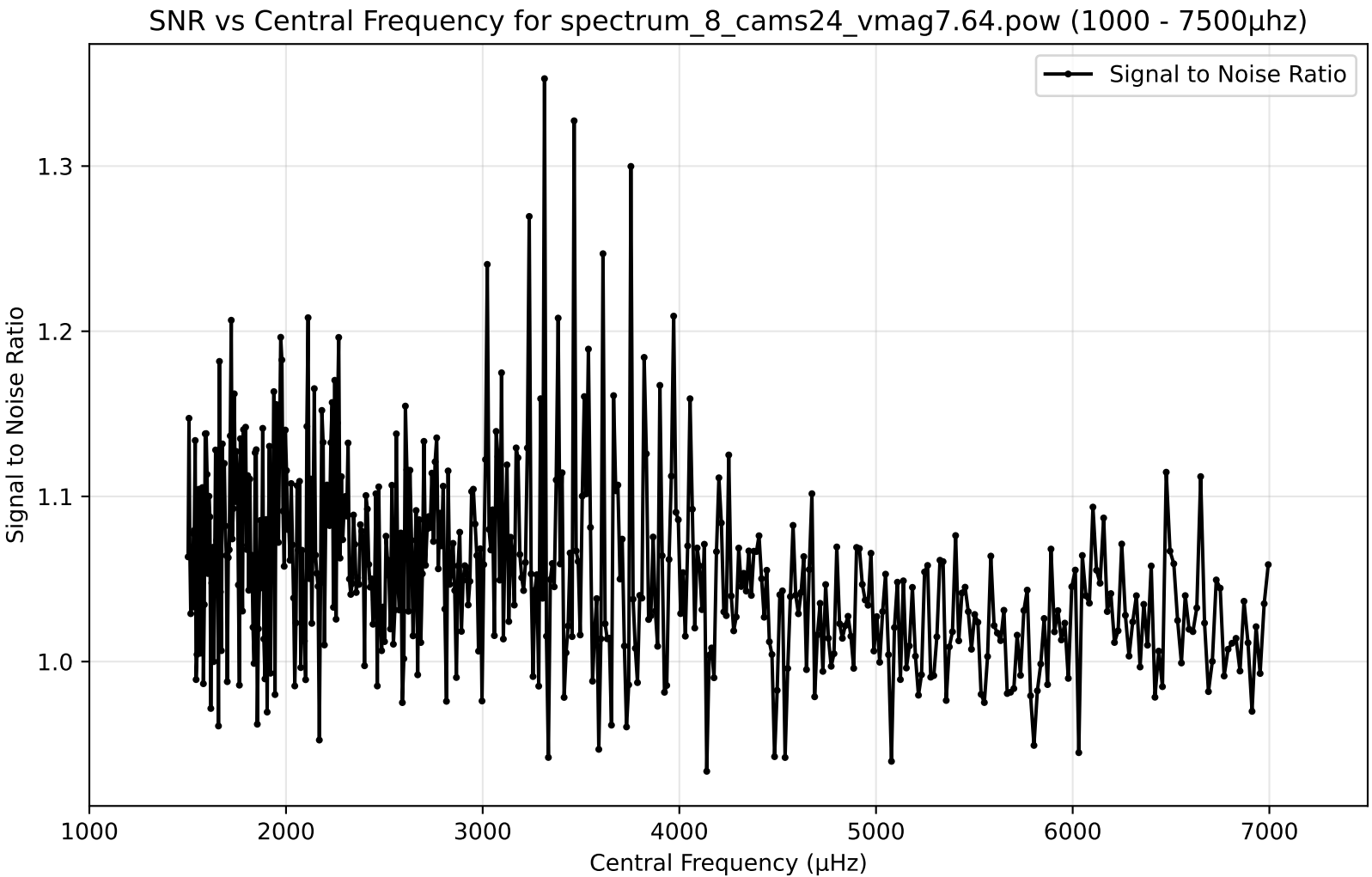

SNR variation for top n% of data for spectrum_8_cams24_vmag7.35.pow. Drowned by noise at 17.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

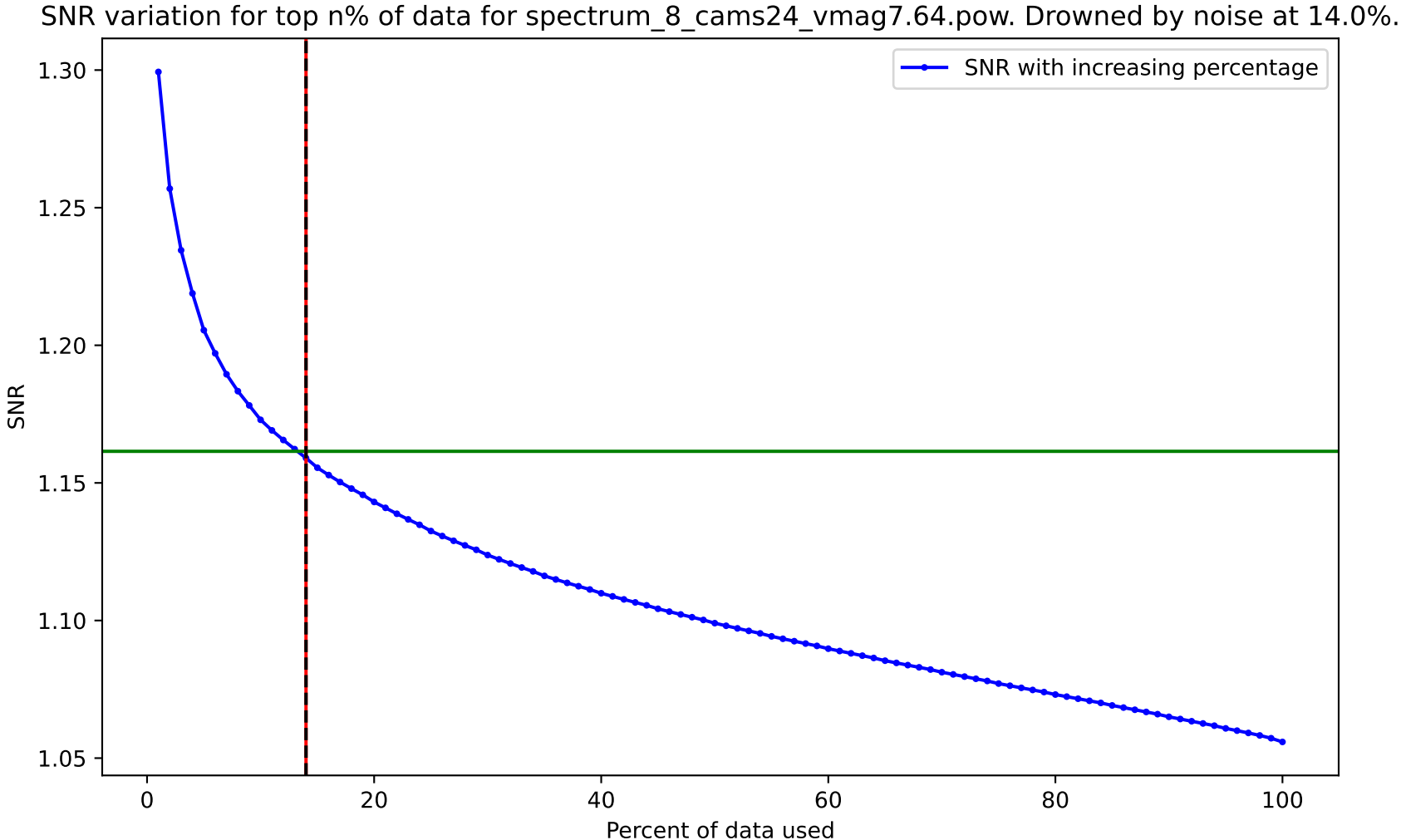

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
Central Frequency (μHz)
4000
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000

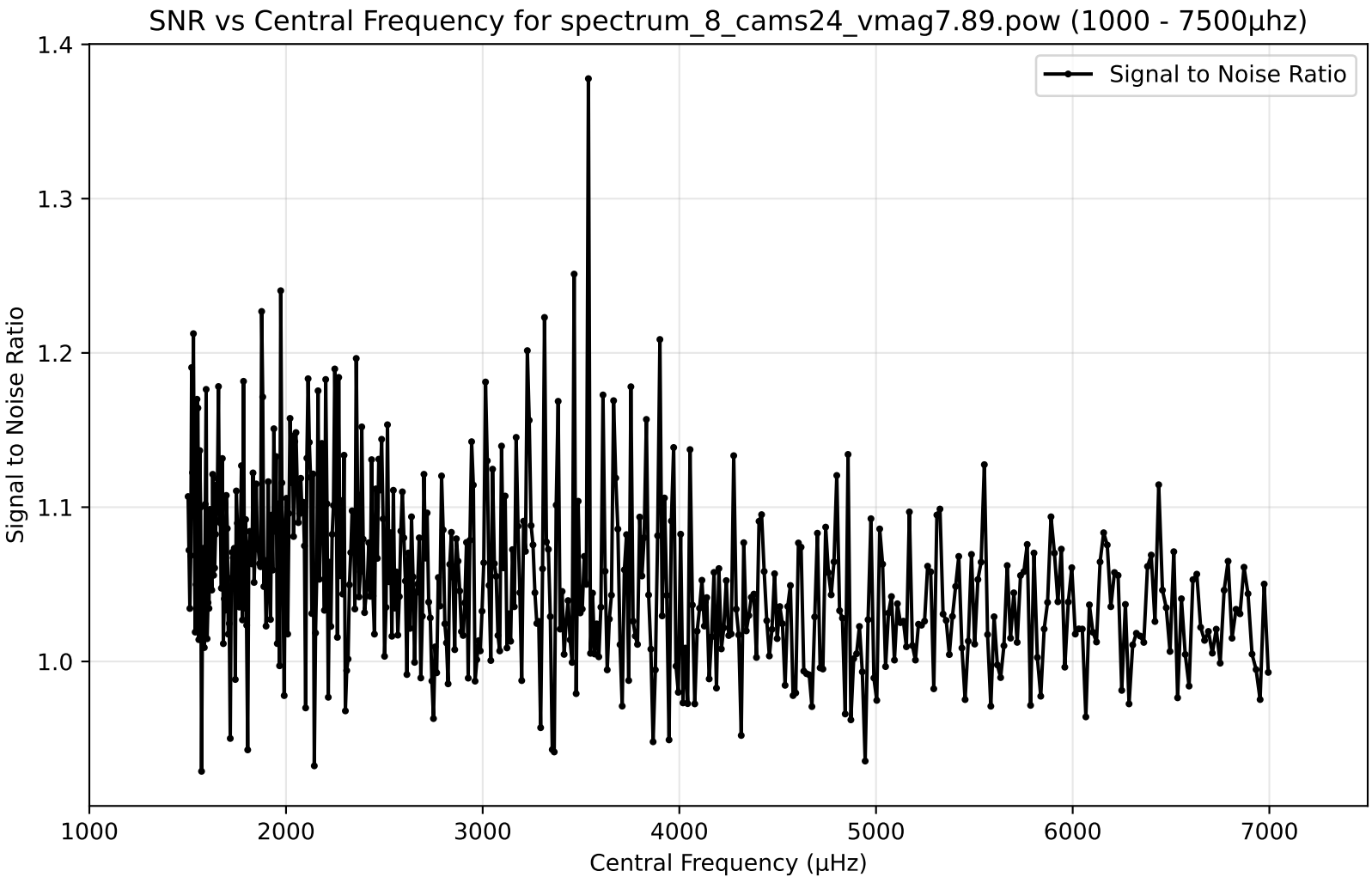

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3536.171μhz ± 163.781μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
1000
2000
3000
4000
5000
6000
7000
8000

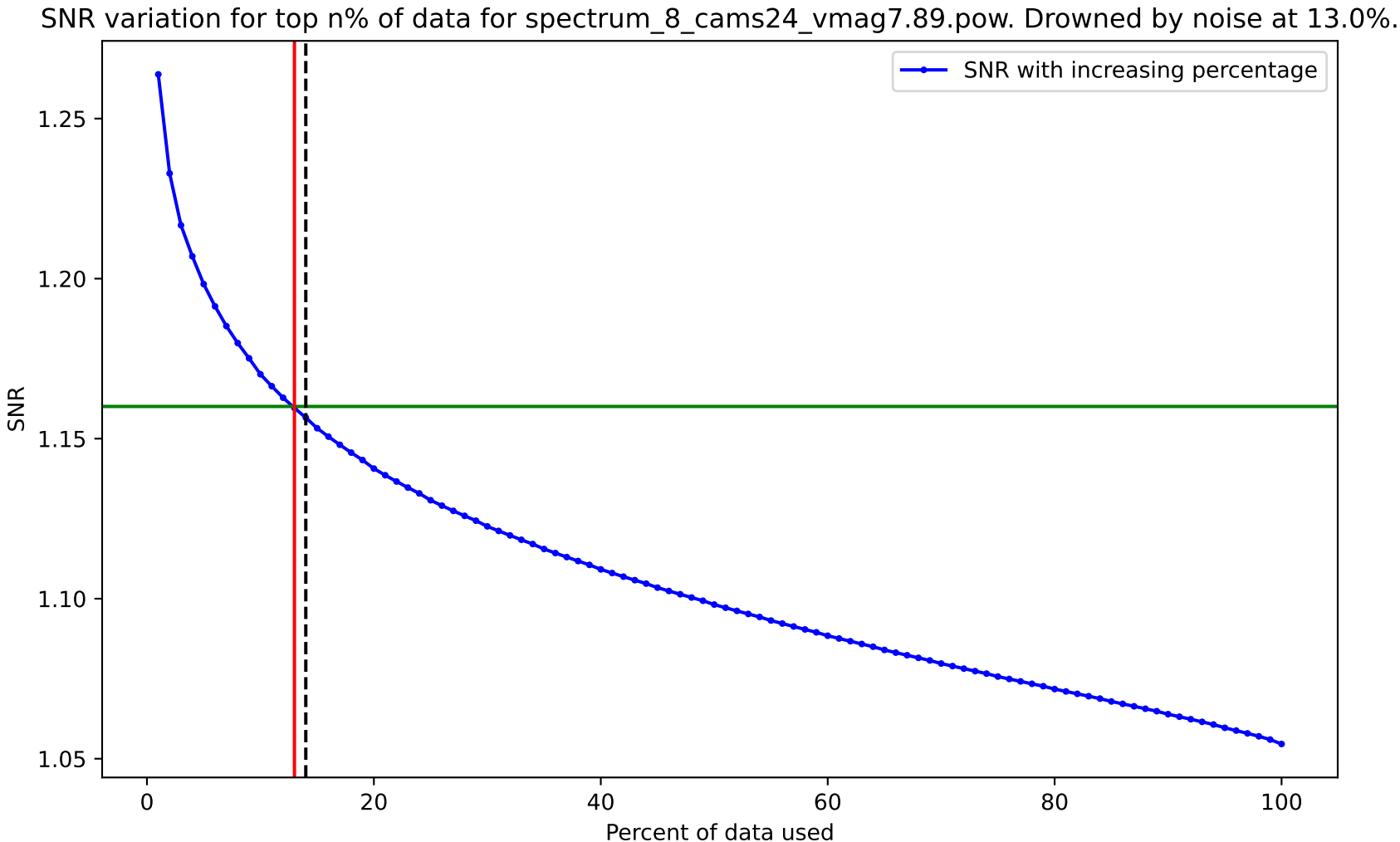

SNR vs Central Frequency for spectrum_8_cams24_vmag7.62.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.4
1.3
1.2
1.1
1.0
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

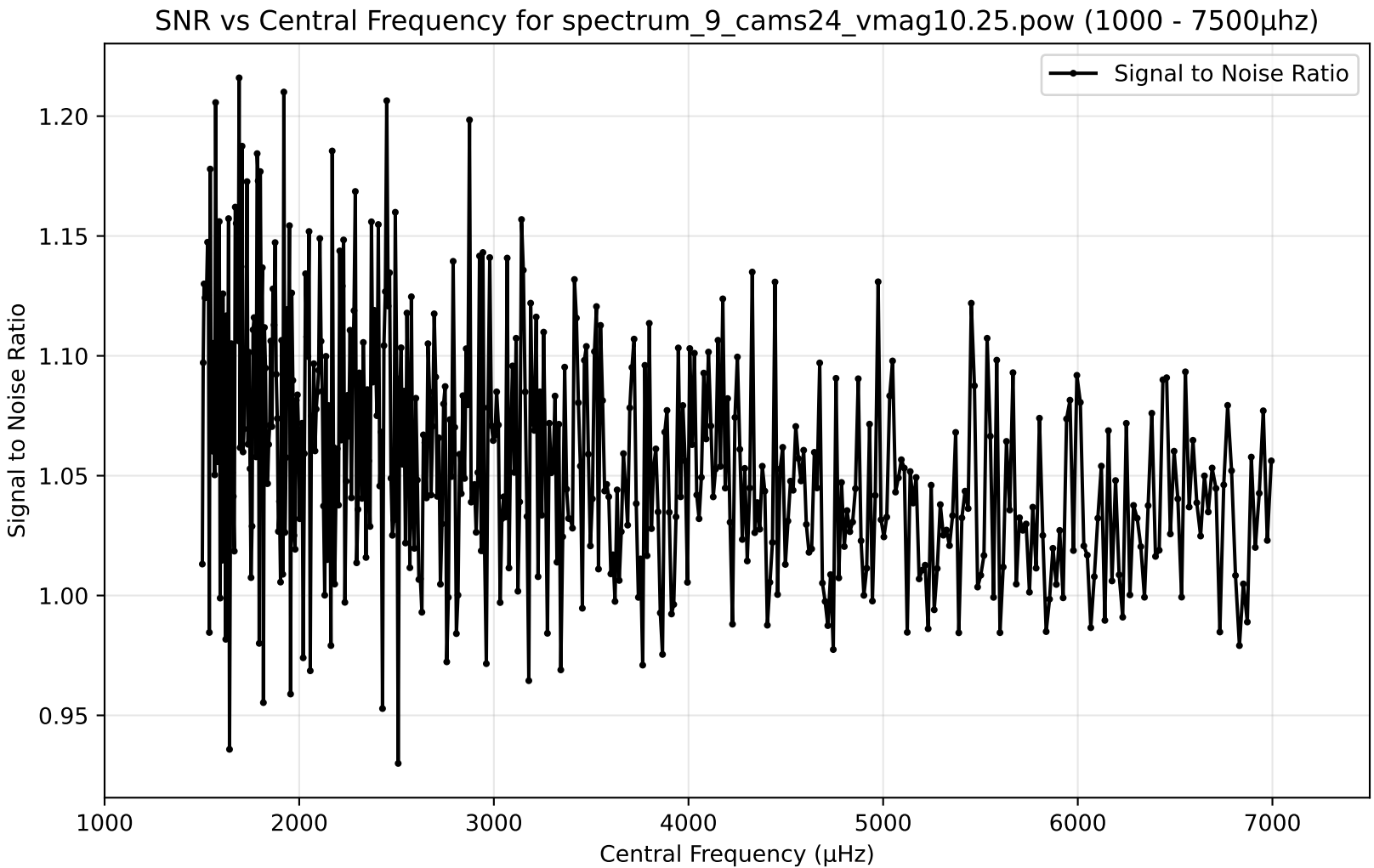

SNR variation for top n% of data for spectrum_8_cams24_vmag7.62.pow. Drowned by noise at 14.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

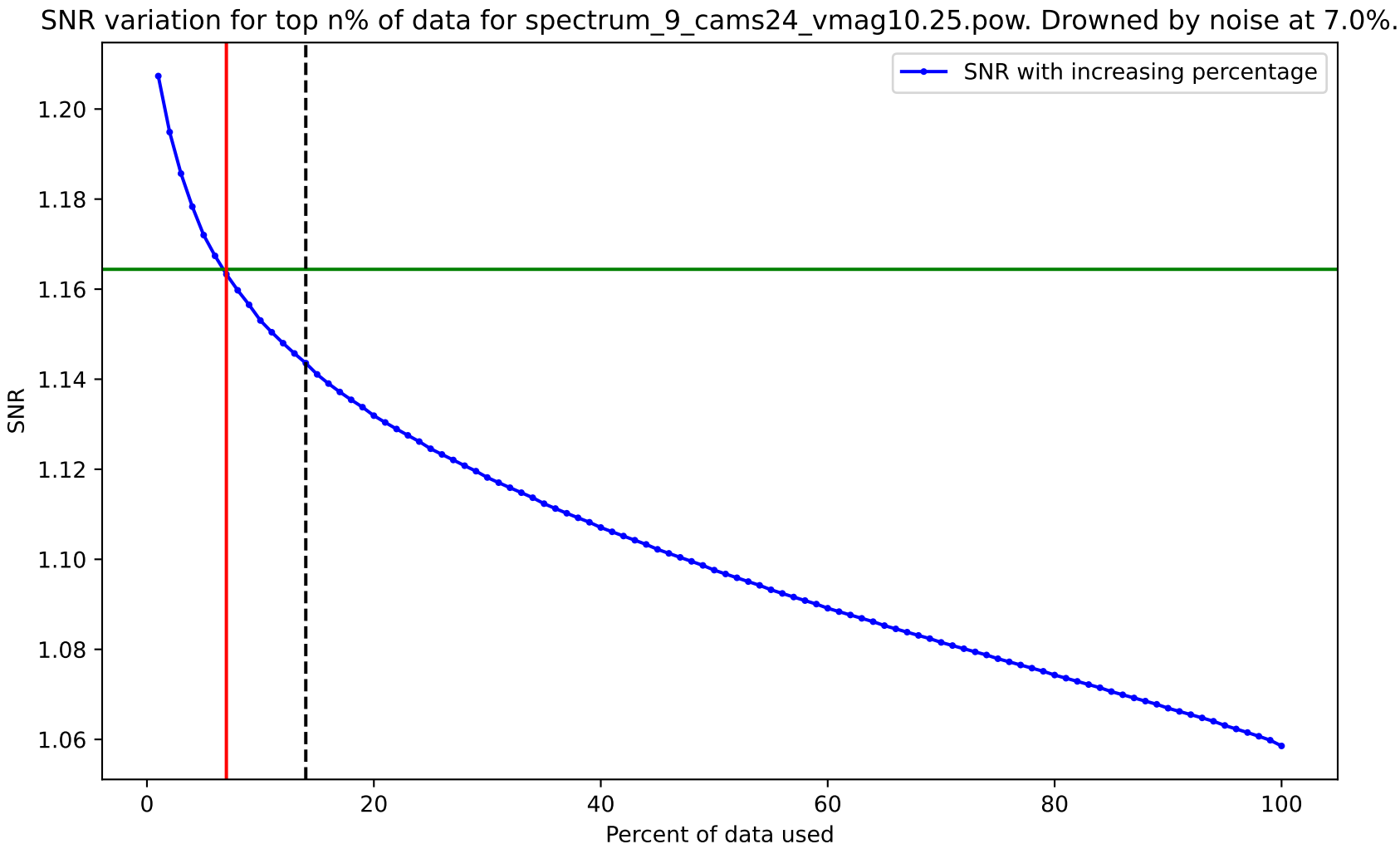

SNR vs Central Frequency for spectrum_8_cams24_vmag7.64.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.0
1.1
1.2
1.3
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

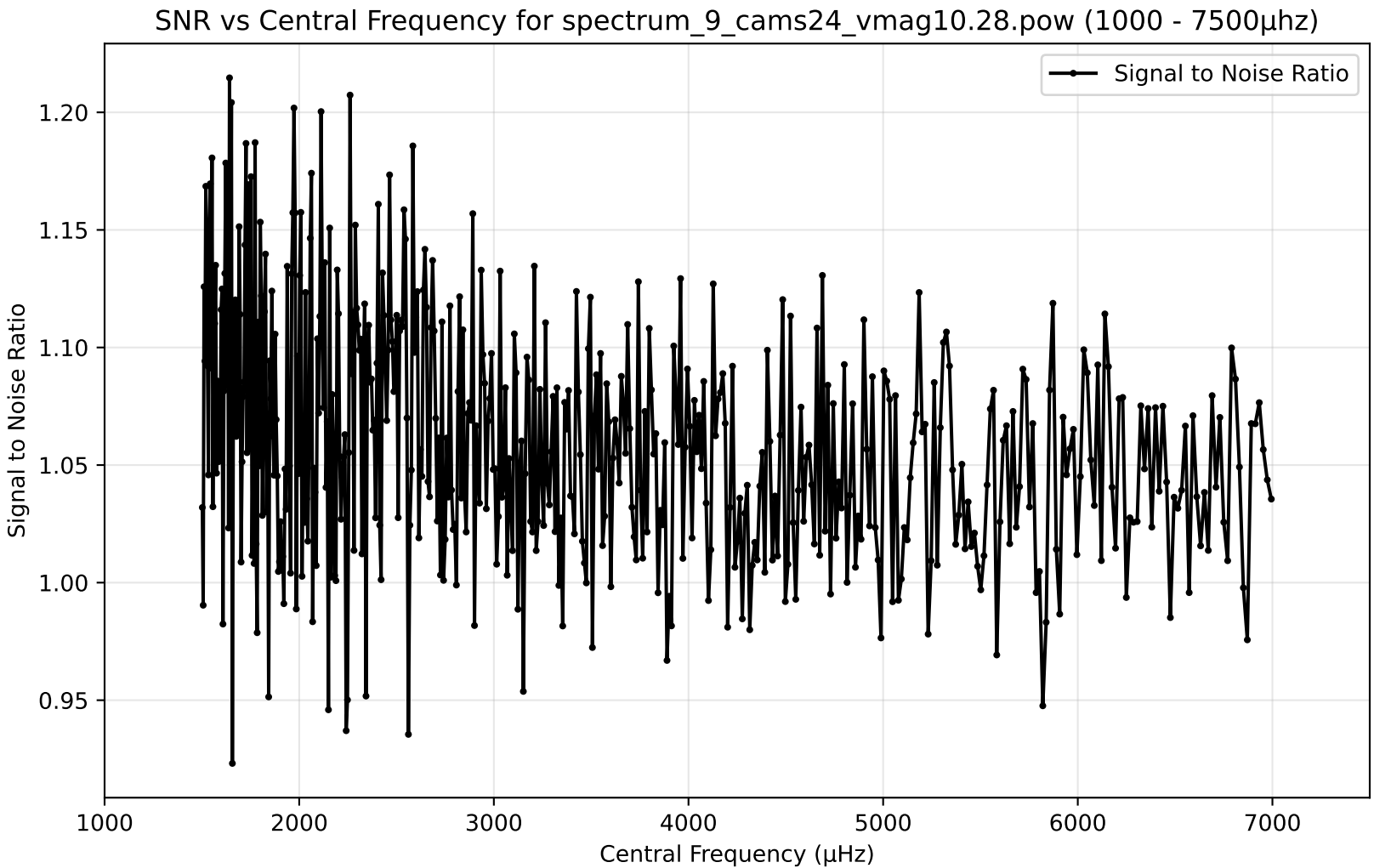

SNR variation for top n% of data for spectrum_8_cams24_vmag7.64.pow. Drowned by noise at 14.0%.
SNR with increasing percentage
SNR
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

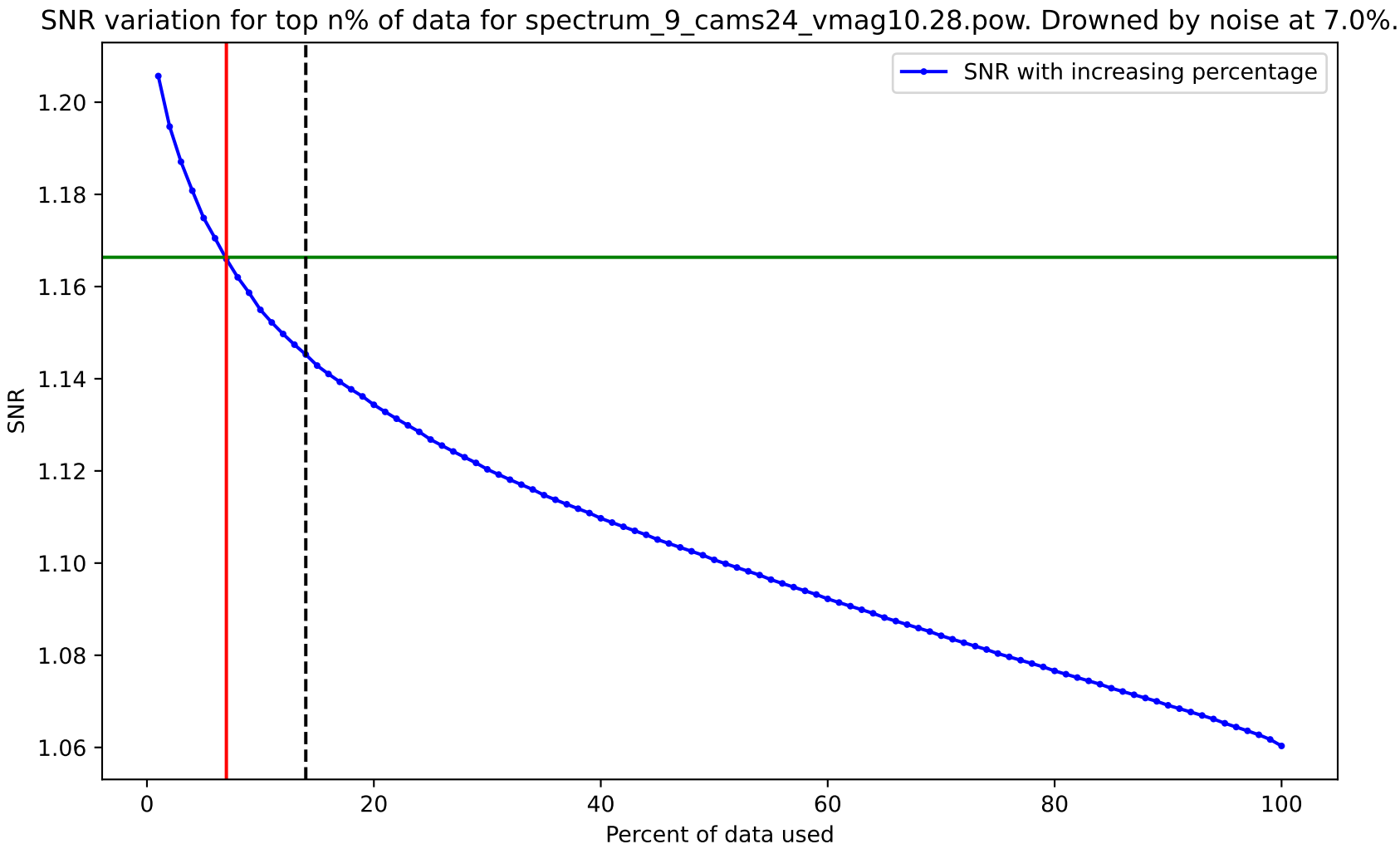

SNR vs Central Frequency for spectrum_8_cams24_vmag7.89.pow (1000 - 7500µhz)
Signal to Noise Ratio
1.4
1.3
1.2
1.1
1.0
Signal to Noise Ratio
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)

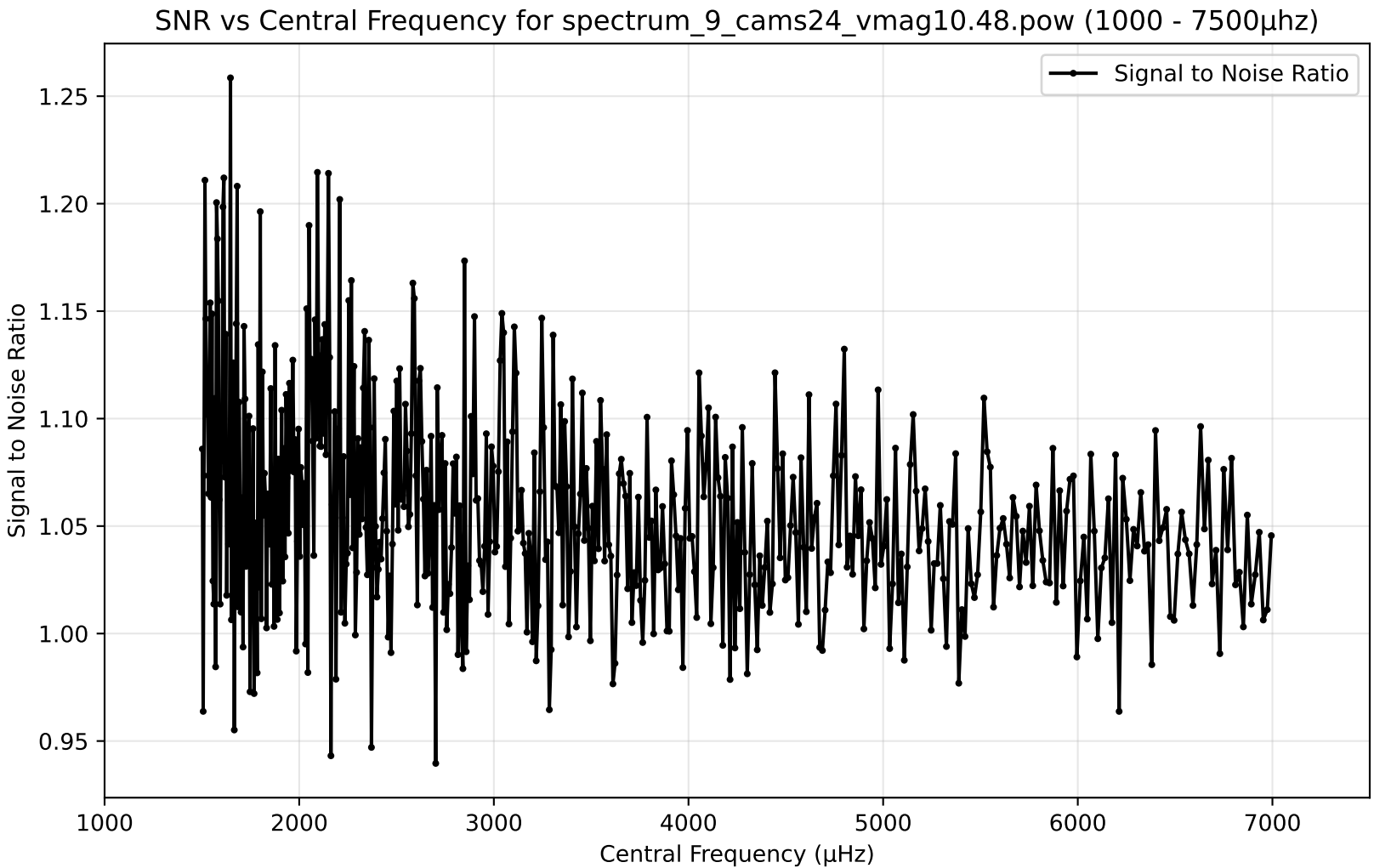

SNR variation for top n% of data for spectrum_8_cams24_vmag7.89.pow. Drowned by noise at 13.0%.
SNR with increasing percentage
SNR
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

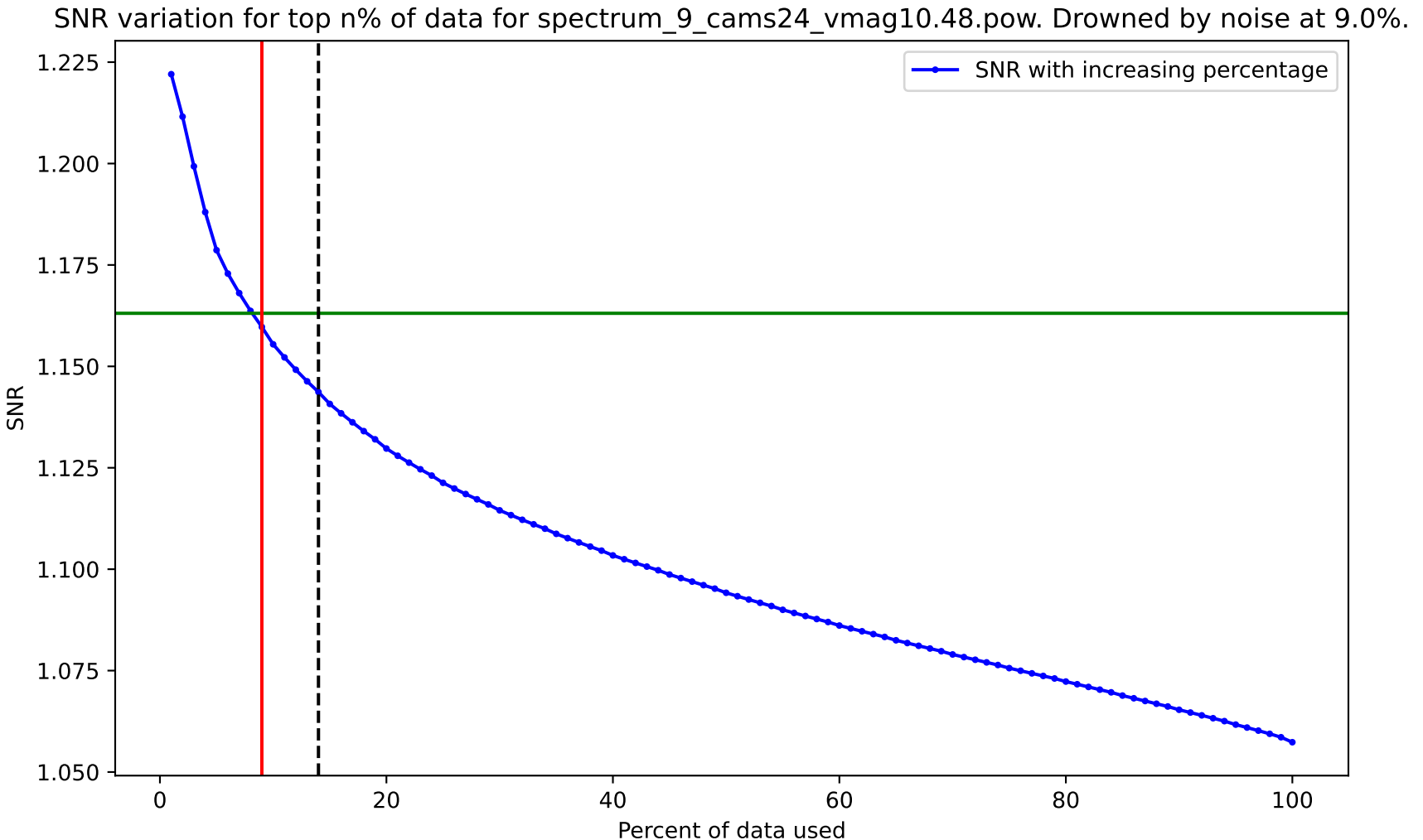

SNR vs Central Frequency for spectrum_9_cams24_vmag10.25.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

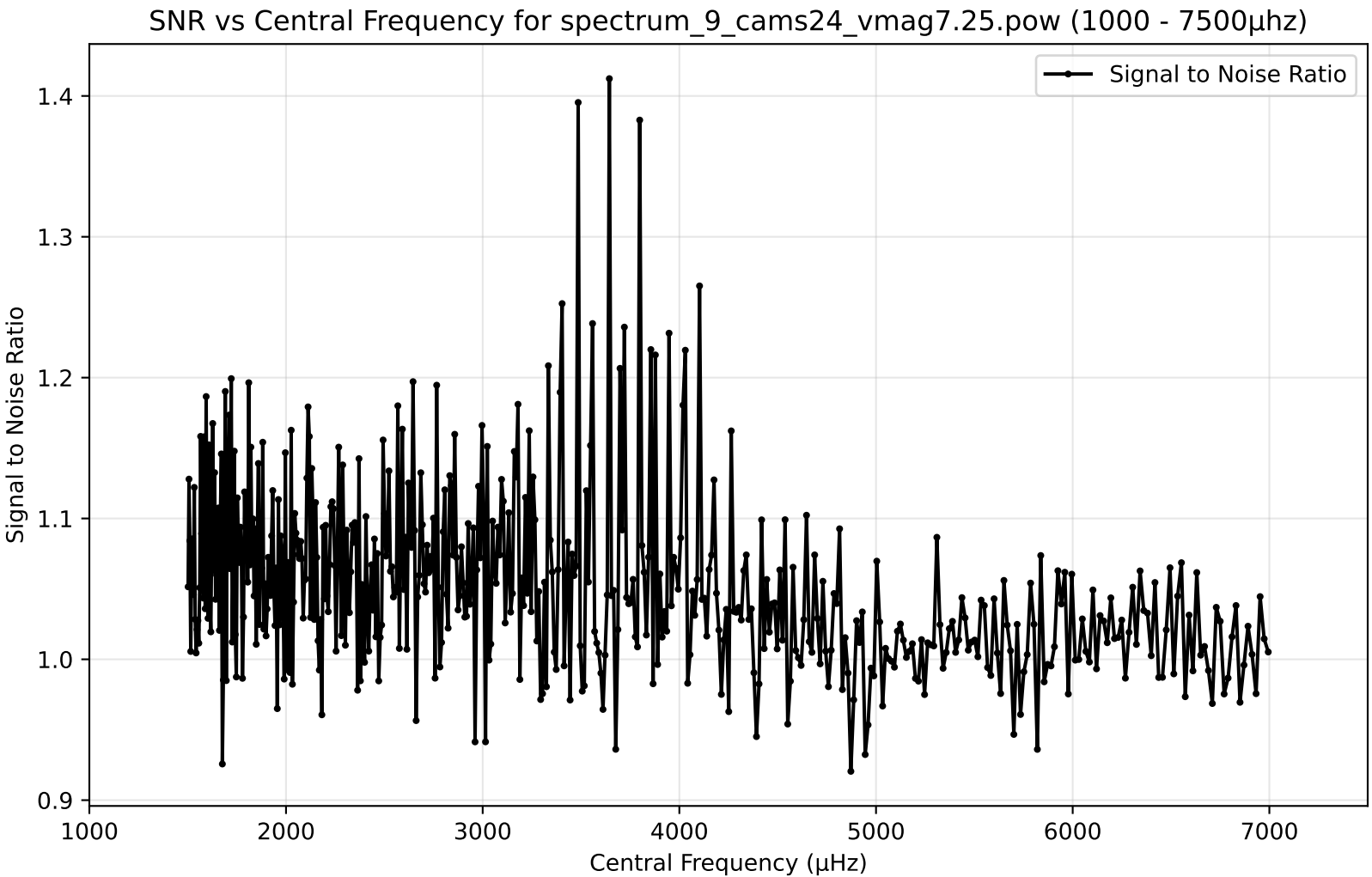

SNR variation for top n% of data for spectrum_9_cams24_vmag10.25.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

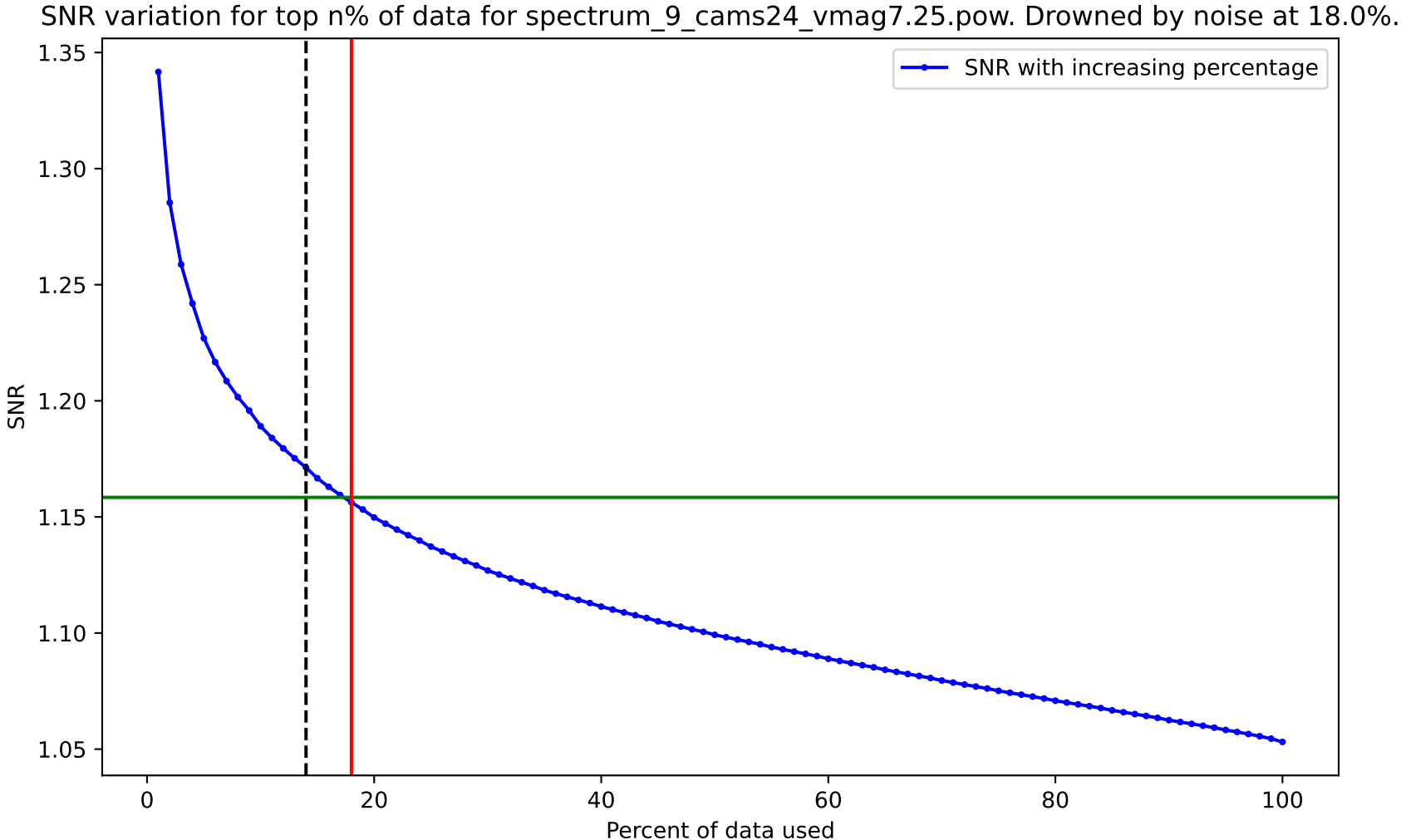

SNR vs Central Frequency for spectrum_9_cams24_vmag10.28.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

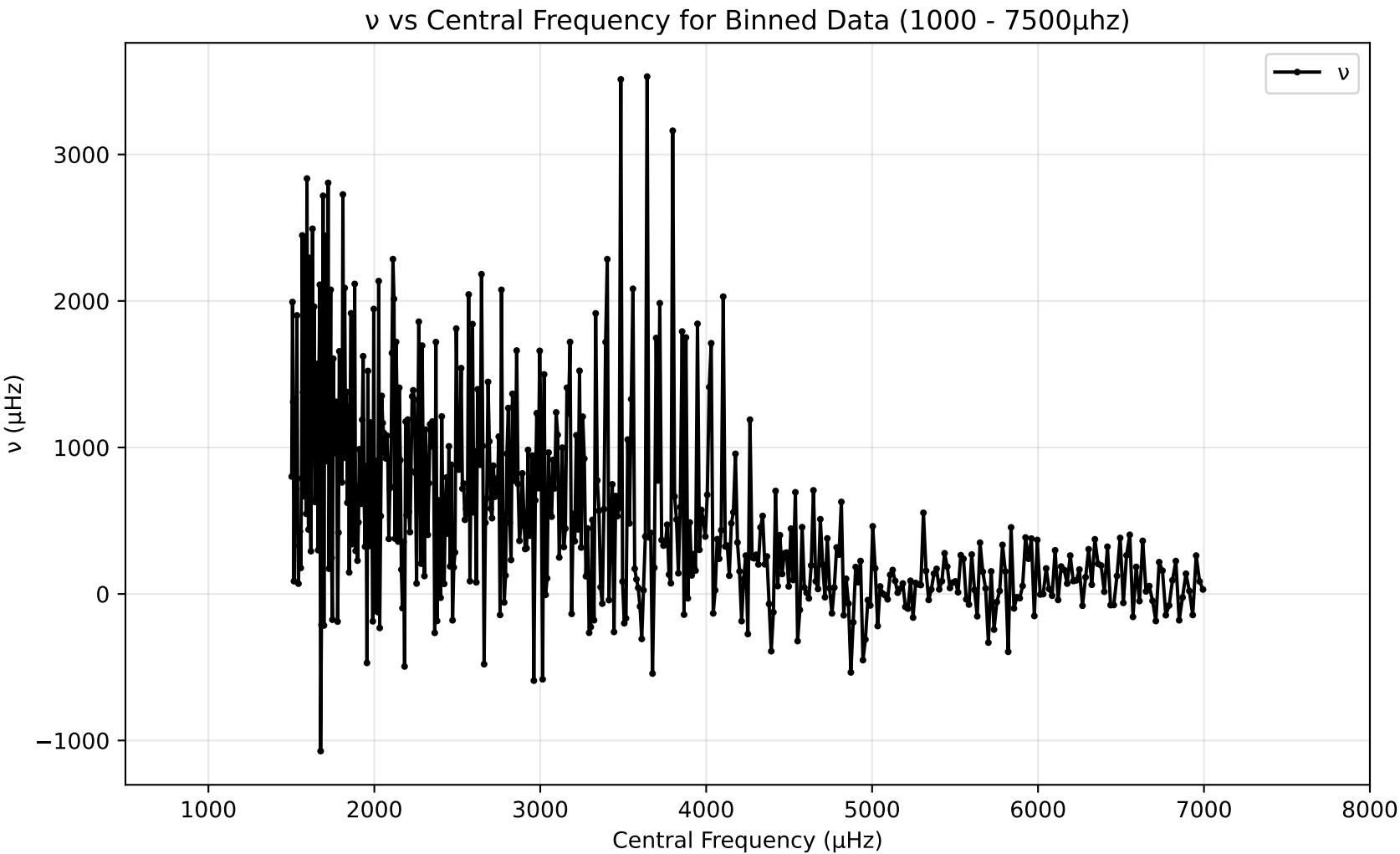

SNR variation for top n% of data for spectrum_9_cams24_vmag10.28.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used

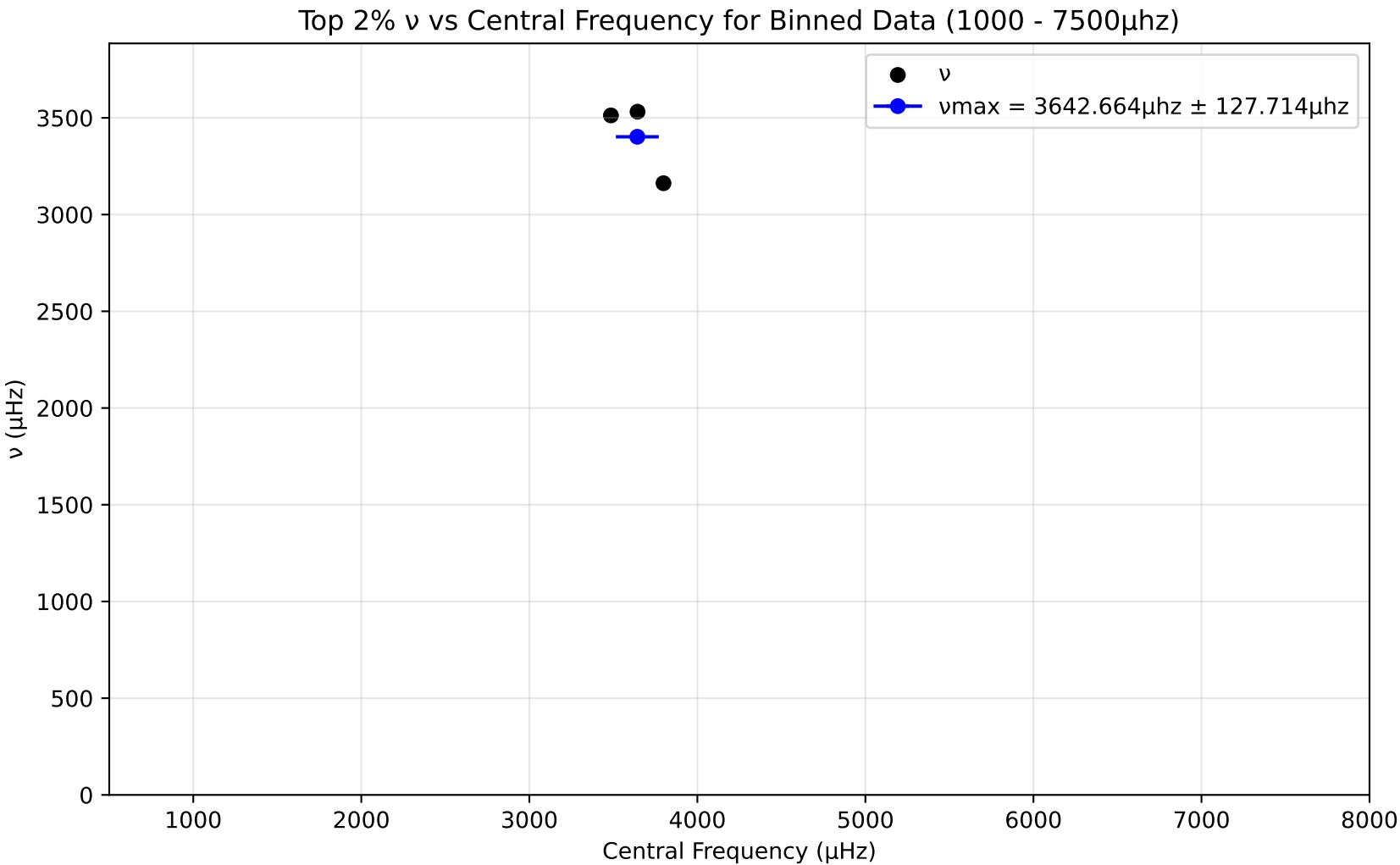

SNR vs Central Frequency for spectrum_9_cams24_vmag10.48.pow (1000 - 7500μhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (μHz)

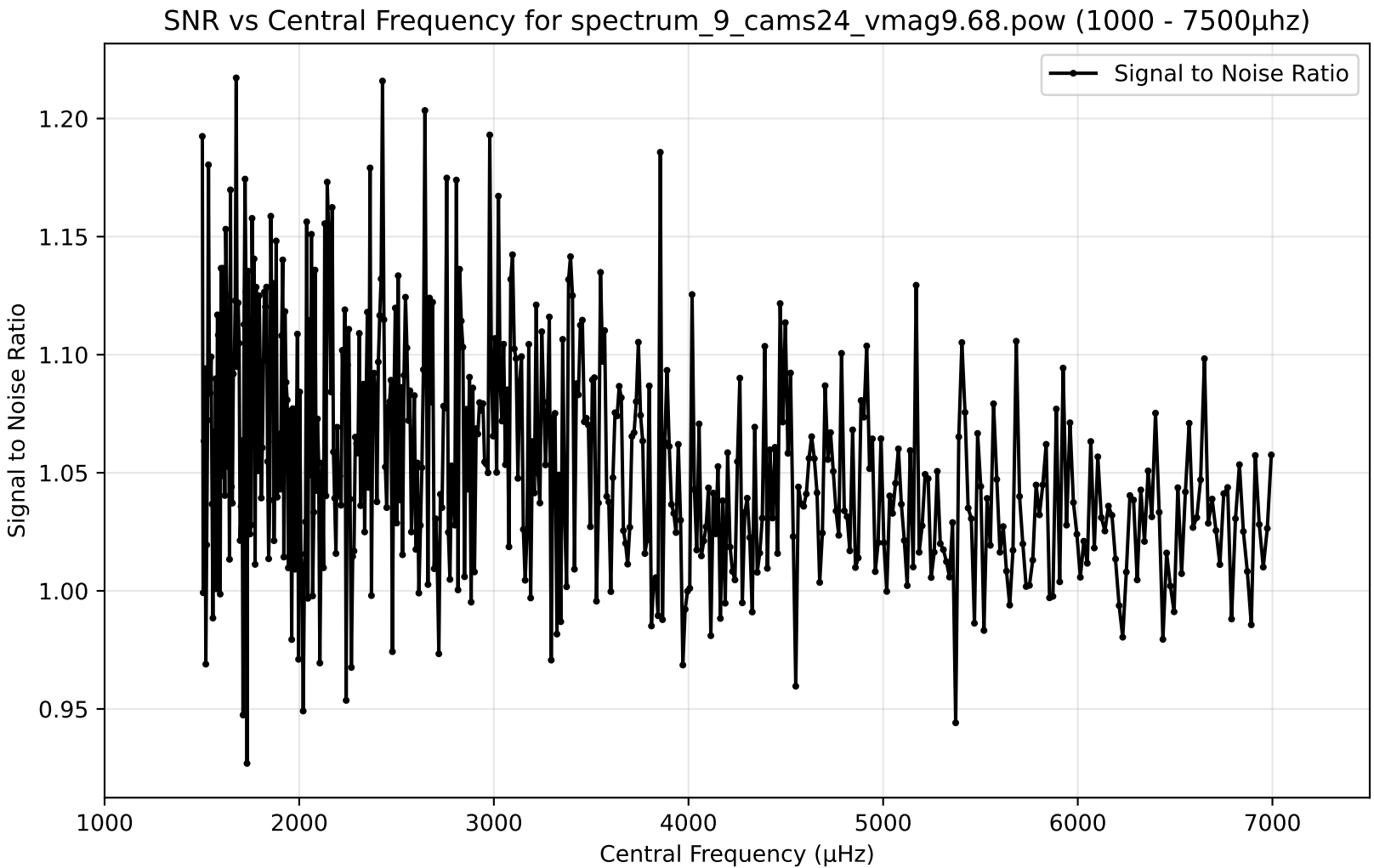

SNR variation for top n% of data for spectrum_9_cams24_vmag10.48.pow. Drowned by noise at 9.0%.
SNR with increasing percentage
SNR
Percent of data used
1.225
1.200
1.175
1.150
1.125
1.100
1.075
1.050
0
20
40
60
80
100

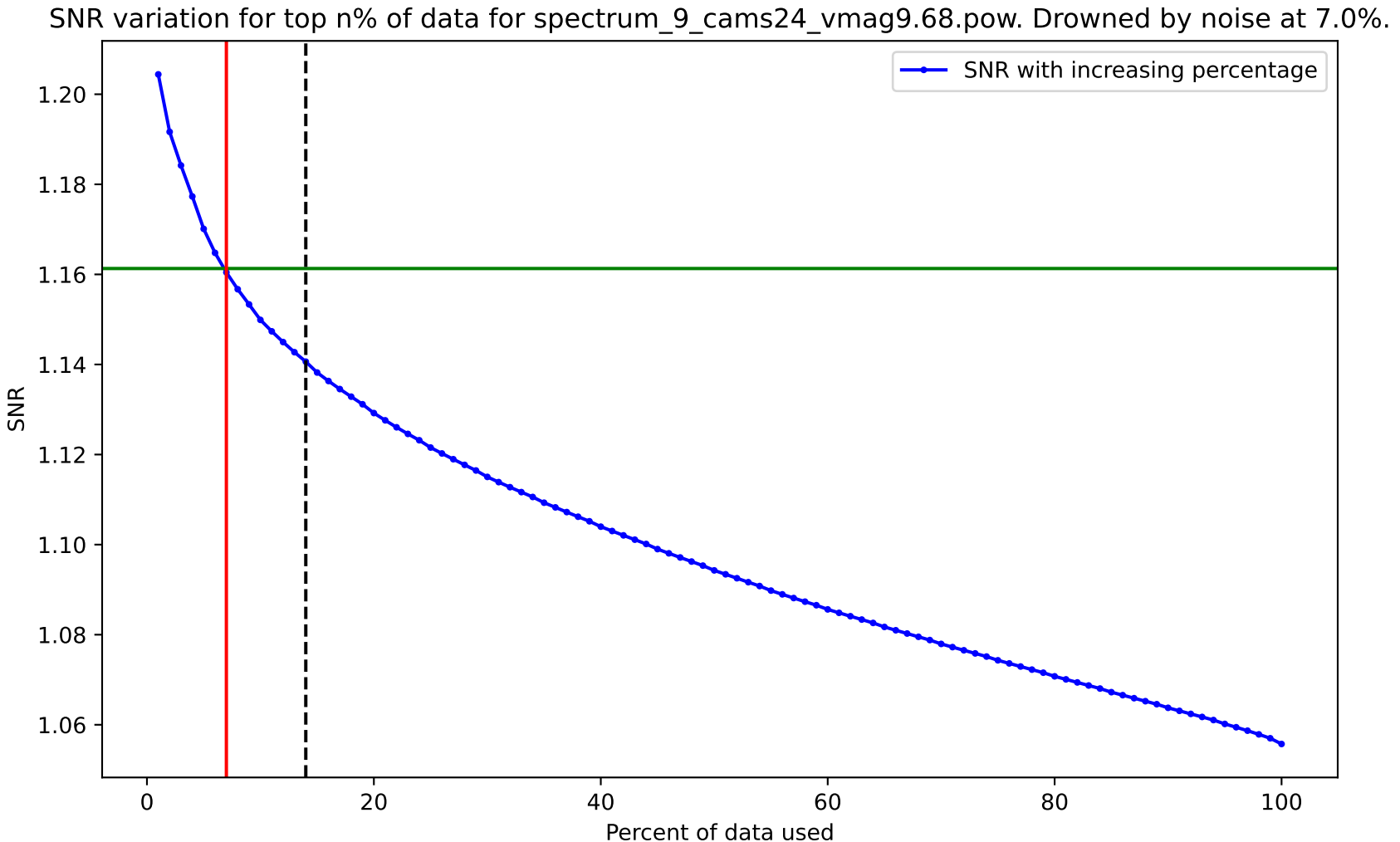

SNR vs Central Frequency for spectrum_9_cams24_vmag7.25.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
Central Frequency (µHz)
1.4
1.3
1.2
1.1
1.0
0.9
1000
2000
3000
4000
5000
6000
7000

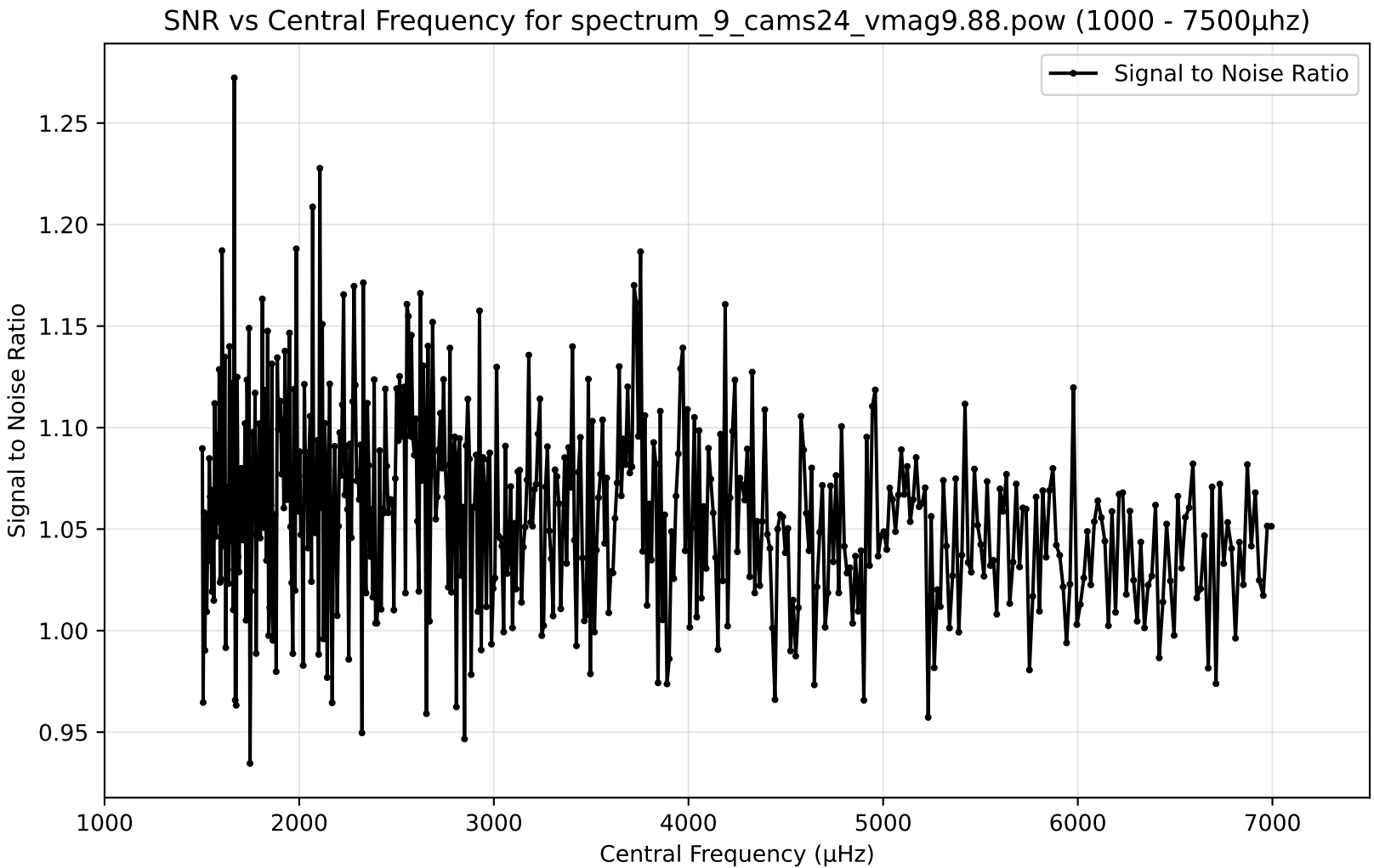

SNR variation for top n% of data for spectrum_9_cams24_vmag7.25.pow. Drowned by noise at 18.0%.
SNR with increasing percentage
SNR
1.35
1.30
1.25
1.20
1.15
1.10
1.05
0
20
40
60
80
100
Percent of data used

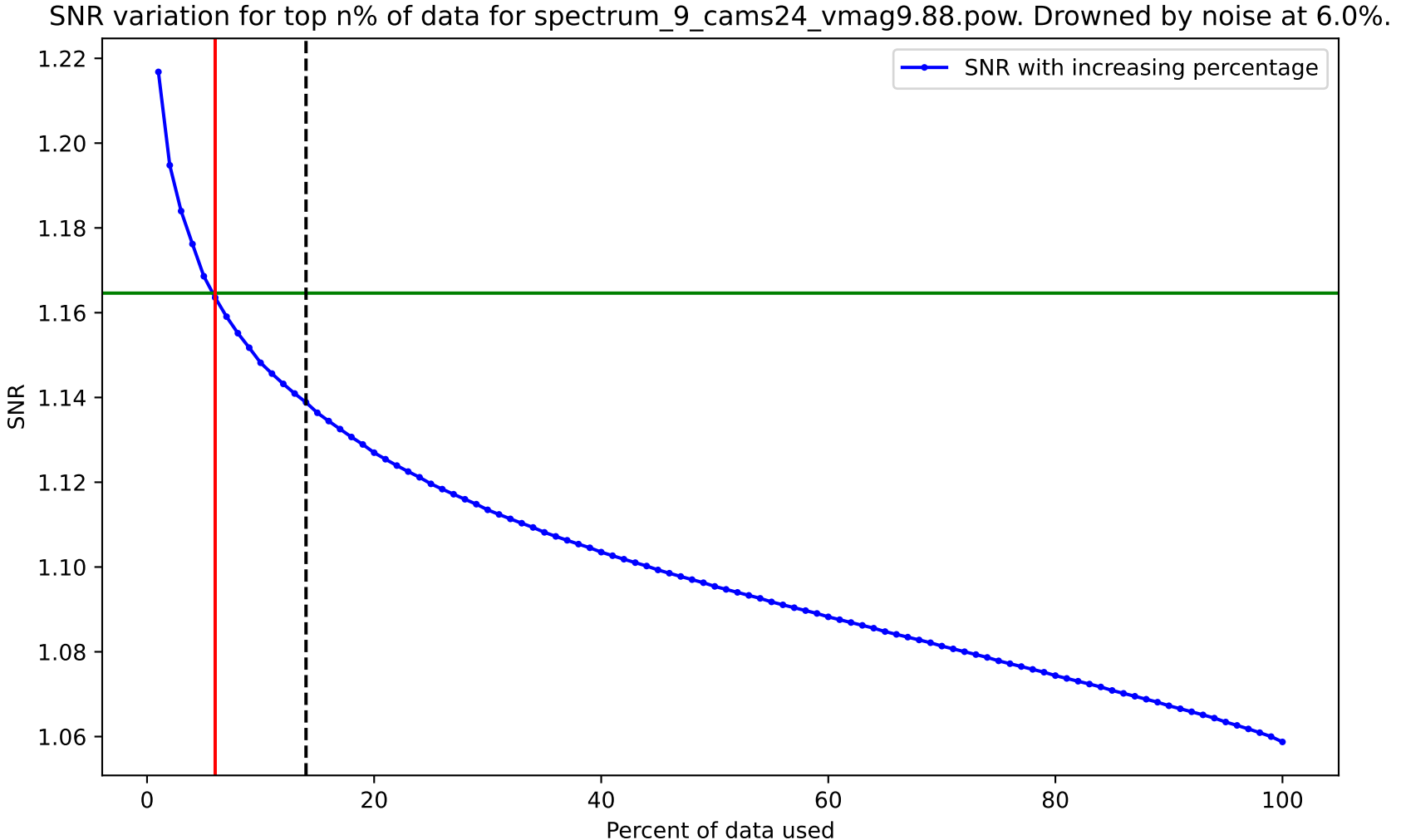

ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
ν (μHz)
3000
2000
1000
0
−1000
1000
2000
3000
4000
5000
6000
7000
8000
Central Frequency (μHz)


Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)
ν
νmax = 3642.664μhz ± 127.714μhz
ν (μHz)
Central Frequency (μHz)
0
500
1000
1500
2000
2500
3000
3500
1000
2000
3000
4000
5000
6000
7000
8000


SNR vs Central Frequency for spectrum_9_cams24_vmag9.68.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)


SNR variation for top n% of data for spectrum_9_cams24_vmag9.68.pow. Drowned by noise at 7.0%.
SNR with increasing percentage
SNR
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used


SNR vs Central Frequency for spectrum_9_cams24_vmag9.88.pow (1000 - 7500µhz)
Signal to Noise Ratio
Signal to Noise Ratio
1.25
1.20
1.15
1.10
1.05
1.00
0.95
1000
2000
3000
4000
5000
6000
7000
Central Frequency (µHz)


SNR variation for top n% of data for spectrum_9_cams24_vmag9.88.pow. Drowned by noise at 6.0%.
SNR with increasing percentage
SNR
1.22
1.20
1.18
1.16
1.14
1.12
1.10
1.08
1.06
0
20
40
60
80
100
Percent of data used