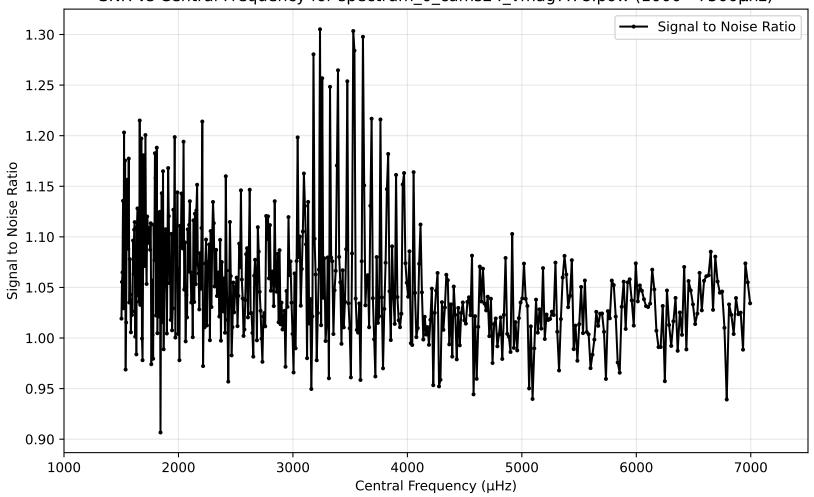


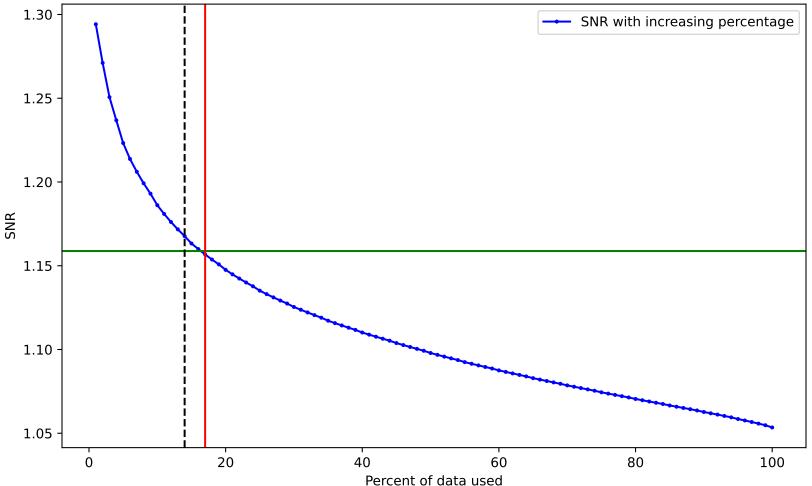
SNR variation for top n% of data for spectrum\_0\_cams24\_vmag10.39.pow. Drowned by noise at 3.0%. SNR with increasing percentage 1.18 -1.16 1.14 ¥ 1.12 1.10 1.08 1.06 20 40 60 80 100

Percent of data used

SNR vs Central Frequency for spectrum\_0\_cams24\_vmag7.78.pow (1000 - 7500µhz)

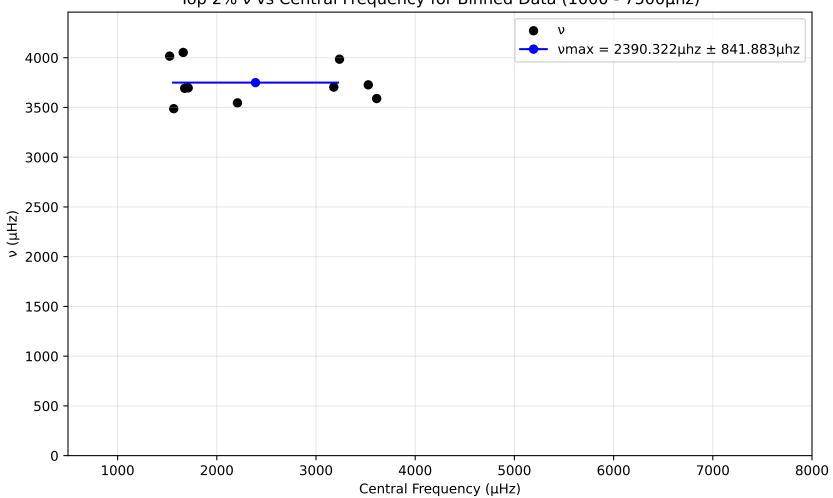


SNR variation for top n% of data for spectrum\_0\_cams24\_vmag7.78.pow. Drowned by noise at 17.0%.

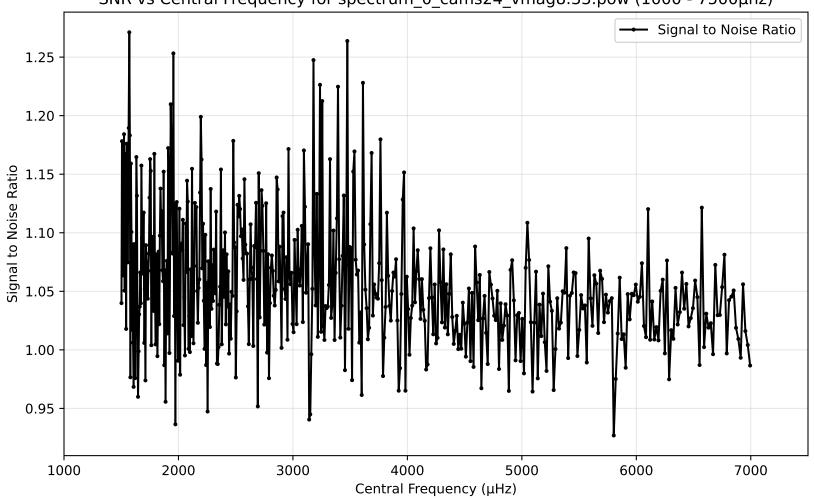


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

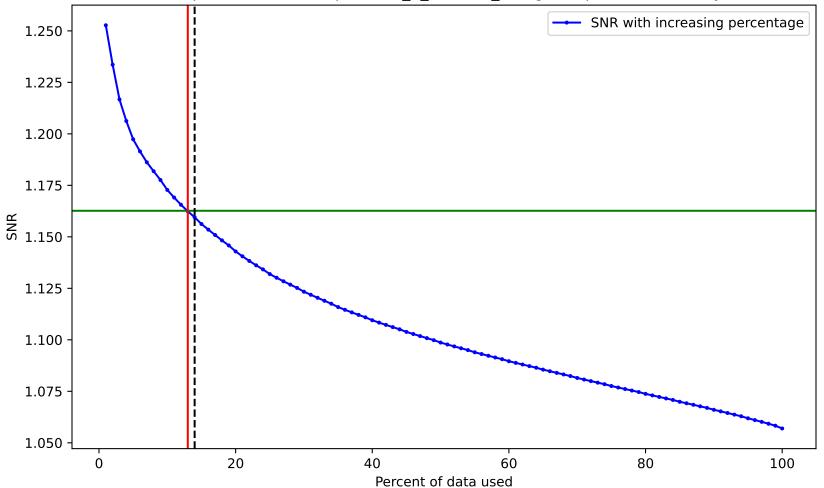
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



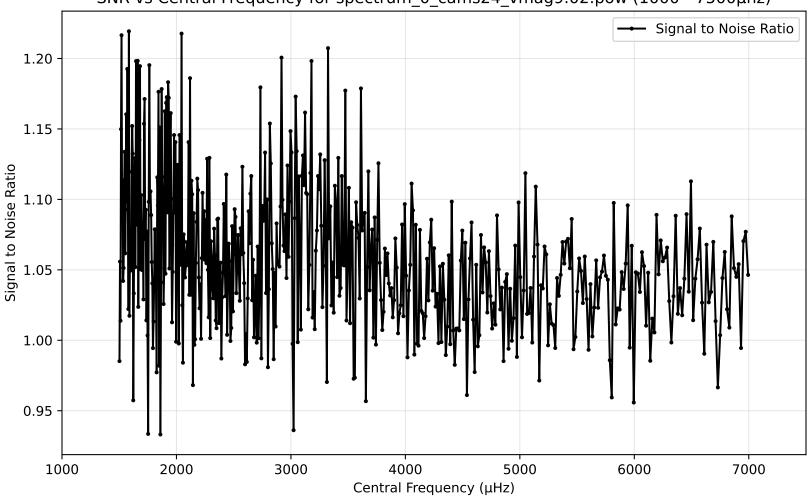
SNR vs Central Frequency for spectrum\_0\_cams24\_vmag8.33.pow (1000 - 7500µhz)

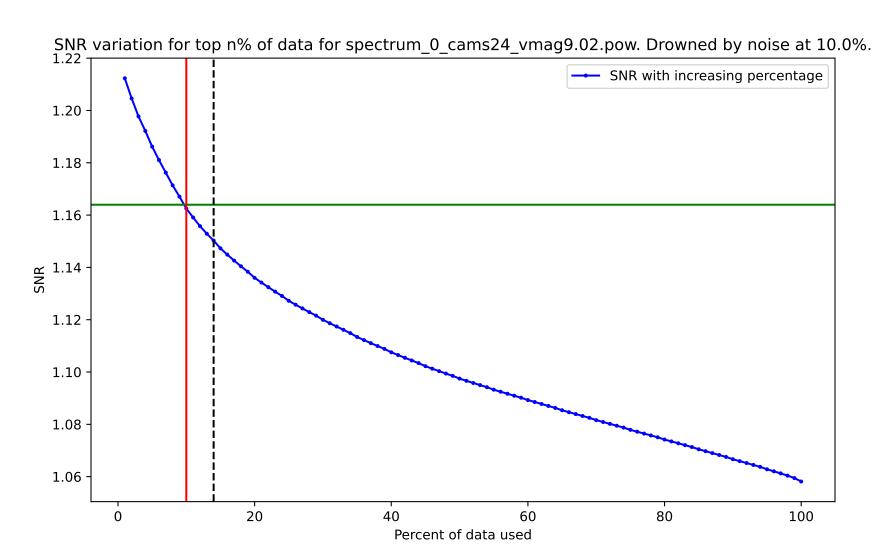


SNR variation for top n% of data for spectrum\_0\_cams24\_vmag8.33.pow. Drowned by noise at 13.0%.



SNR vs Central Frequency for spectrum\_0\_cams24\_vmag9.02.pow (1000 -  $7500\mu hz$ )



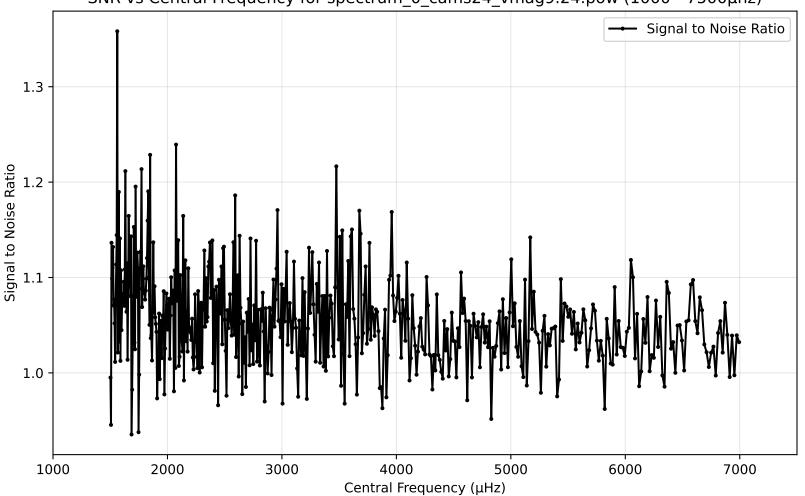


SNR vs Central Frequency for spectrum\_0\_cams24\_vmag9.09.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 5000 6000 7000 Central Frequency (µHz)

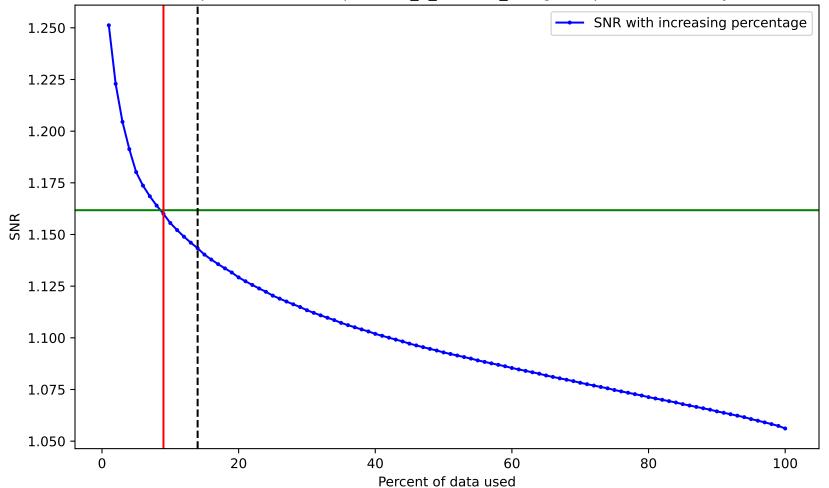
SNR variation for top n% of data for spectrum\_0\_cams24\_vmag9.09.pow. Drowned by noise at 8.0%. 1.225 SNR with increasing percentage 1.200 1.175 1.150 -SNR 1.125 1.100 1.075 -1.050 -20 40 60 80 100

Percent of data used

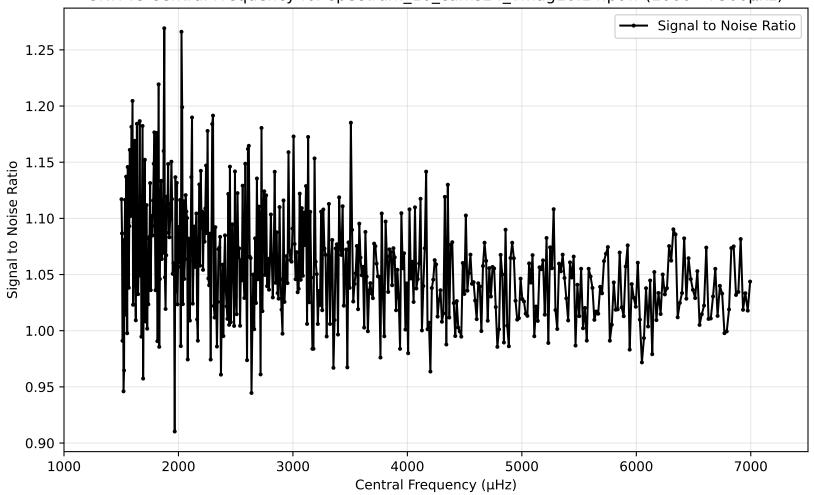
SNR vs Central Frequency for spectrum\_0\_cams24\_vmag9.24.pow (1000 - 7500µhz)



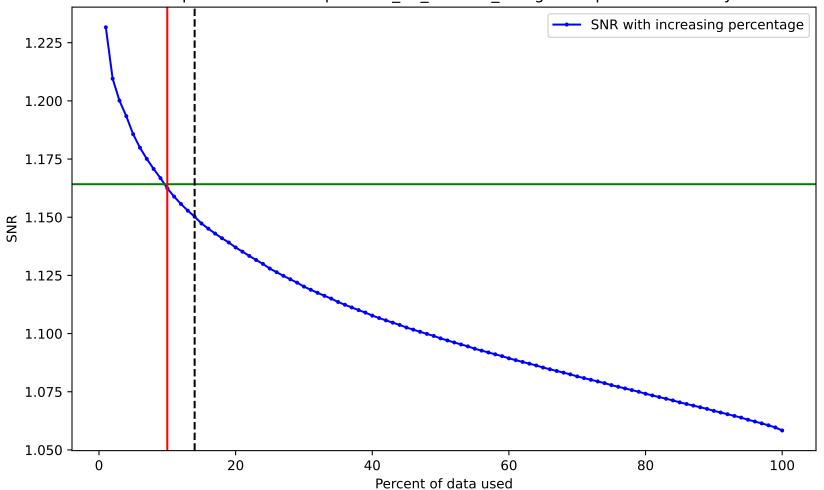
SNR variation for top n% of data for spectrum\_0\_cams24\_vmag9.24.pow. Drowned by noise at 9.0%.



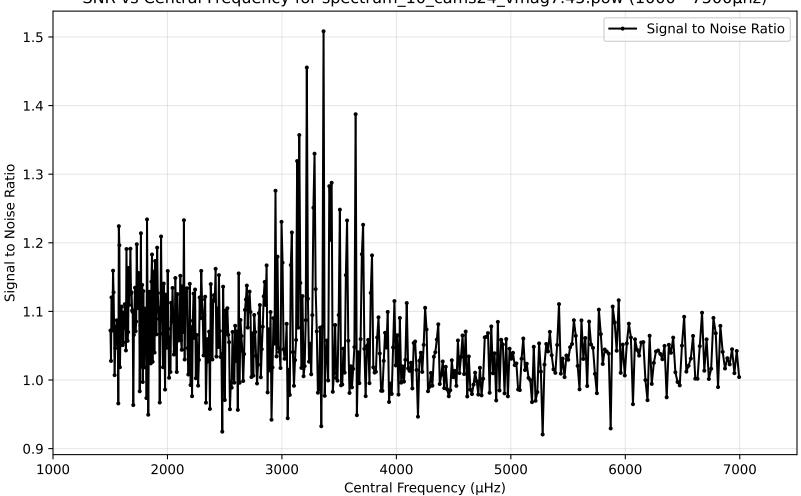
SNR vs Central Frequency for spectrum\_10\_cams24\_vmag10.14.pow (1000 - 7500µhz)



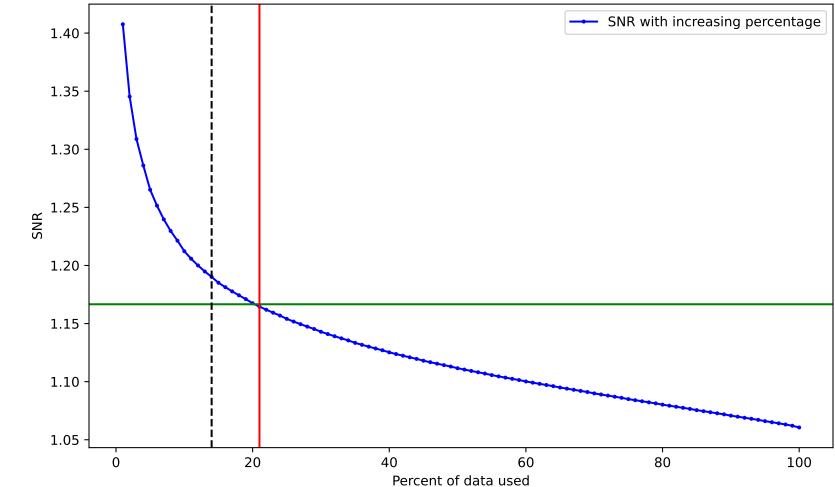
SNR variation for top n% of data for spectrum\_10\_cams24\_vmag10.14.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_10\_cams24\_vmag7.45.pow (1000 - 7500µhz)

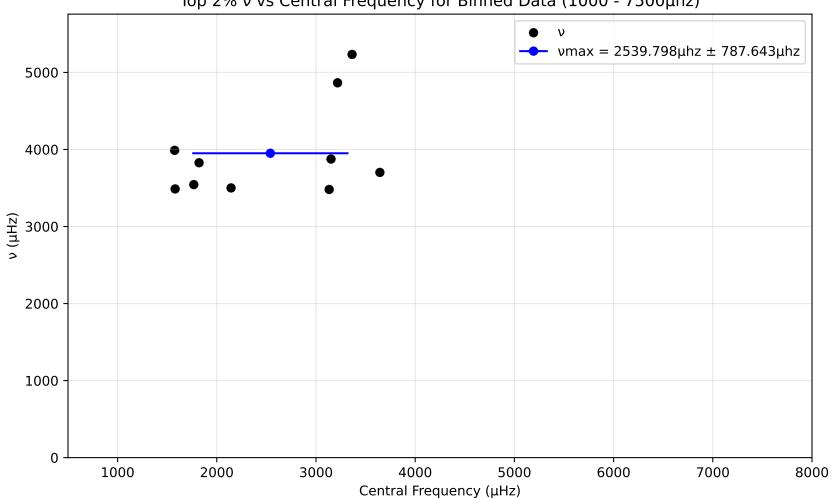


SNR variation for top n% of data for spectrum\_10\_cams24\_vmag7.45.pow. Drowned by noise at 21.0%.

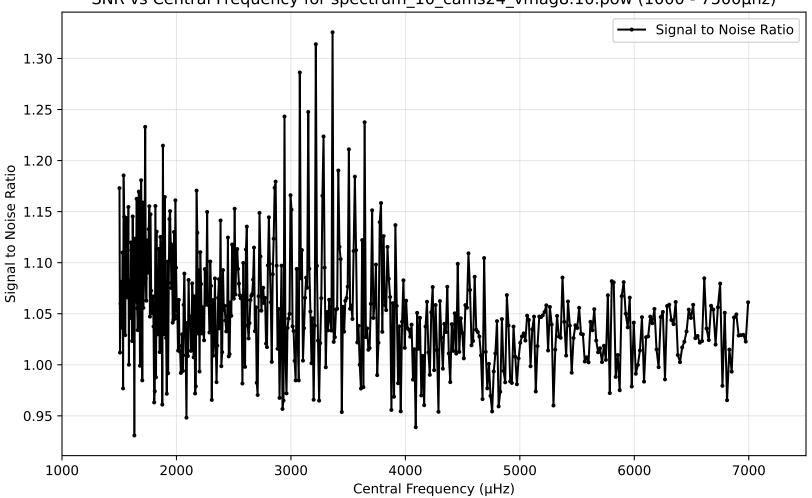


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

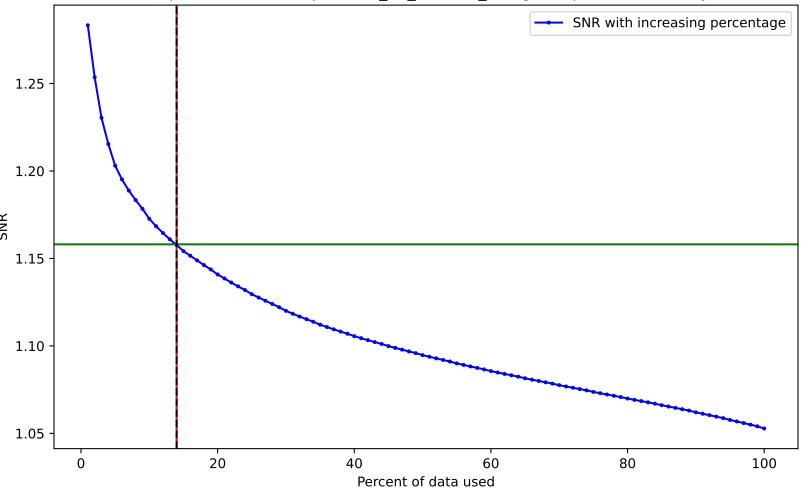
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



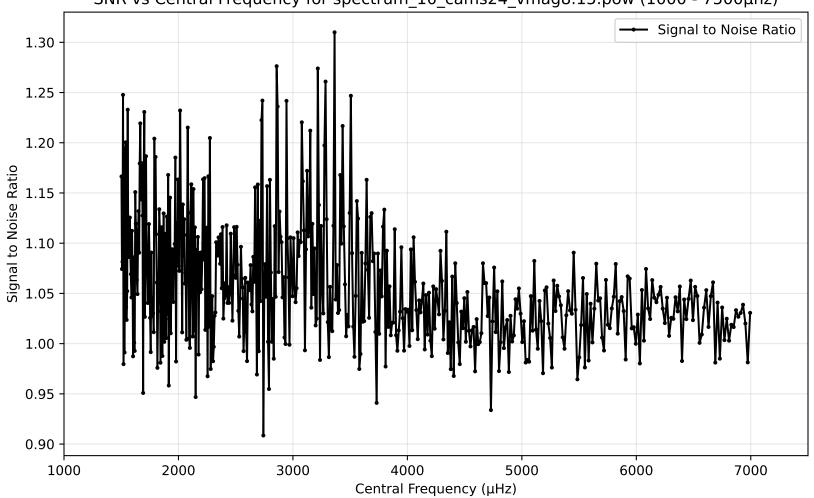
SNR vs Central Frequency for spectrum\_10\_cams24\_vmag8.10.pow (1000 - 7500µhz)



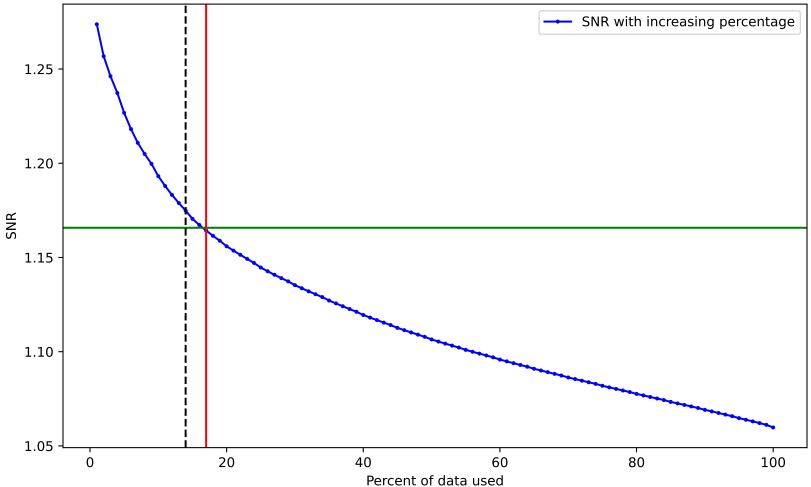
SNR variation for top n% of data for spectrum\_10\_cams24\_vmag8.10.pow. Drowned by noise at 14.0%.



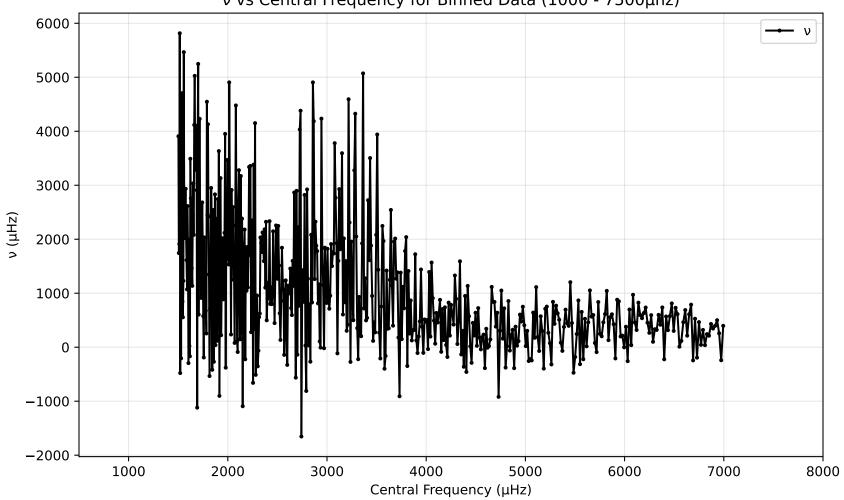
SNR vs Central Frequency for spectrum\_10\_cams24\_vmag8.15.pow (1000 - 7500µhz)



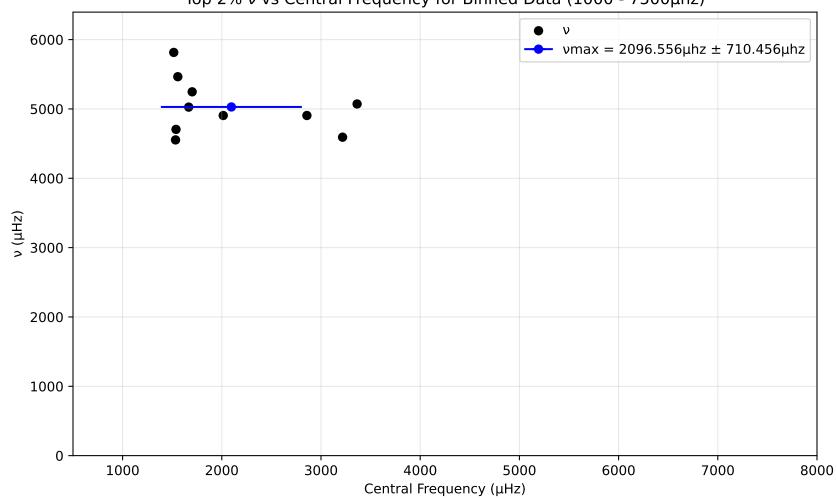
SNR variation for top n% of data for spectrum\_10\_cams24\_vmag8.15.pow. Drowned by noise at 17.0%.



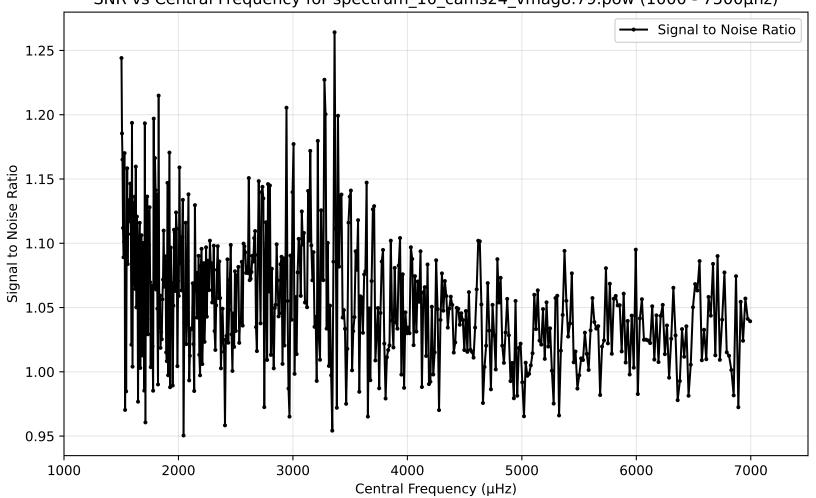
ν vs Central Frequency for Binned Data (1000 - 7500μhz)



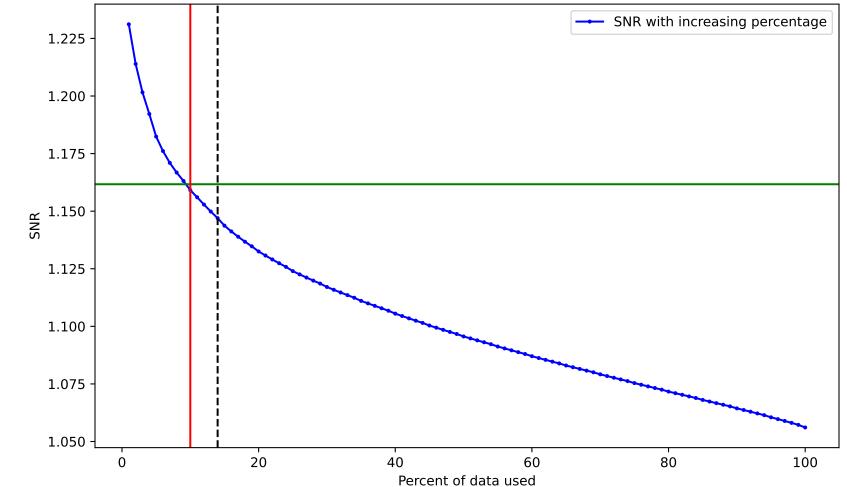
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



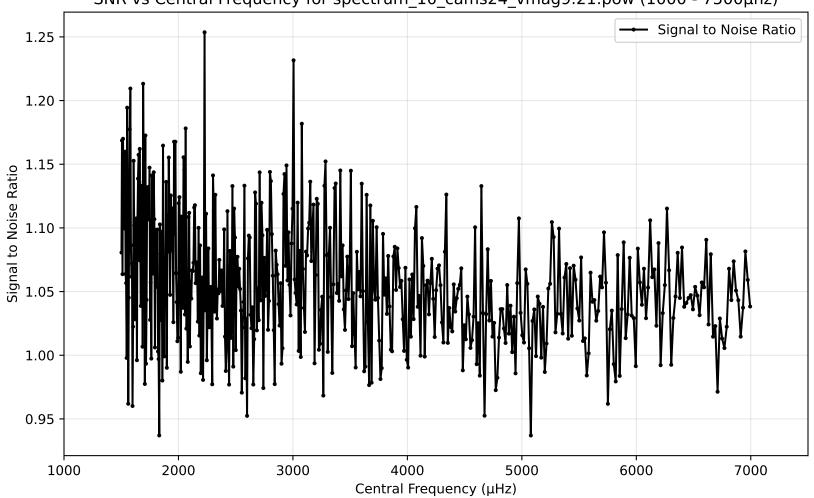
SNR vs Central Frequency for spectrum\_10\_cams24\_vmag8.79.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_10\_cams24\_vmag8.79.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_10\_cams24\_vmag9.21.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_10\_cams24\_vmag9.21.pow. Drowned by noise at 8.0%. SNR with increasing percentage 1.22 1.20 1.18 1.16 -K 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

SNR vs Central Frequency for spectrum\_11\_cams24\_vmag10.25.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.15 Signal to Noise Ratio 0.95

4000

Central Frequency (µHz)

6000

5000

7000

1.20

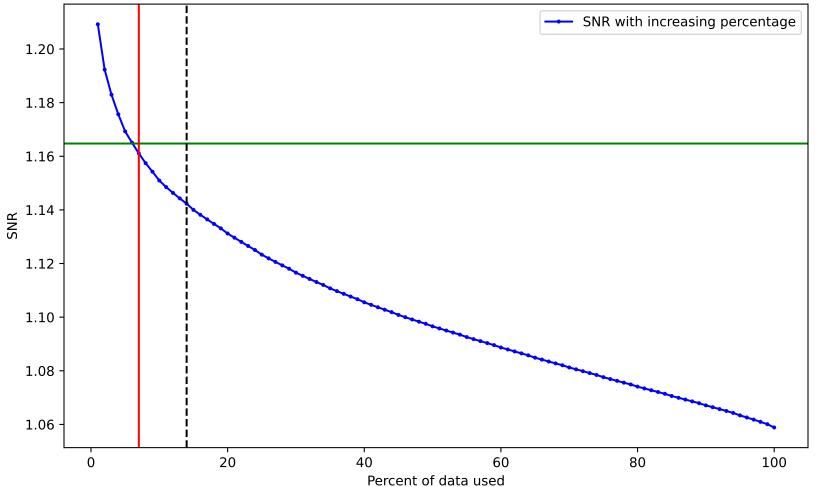
1.00

1000

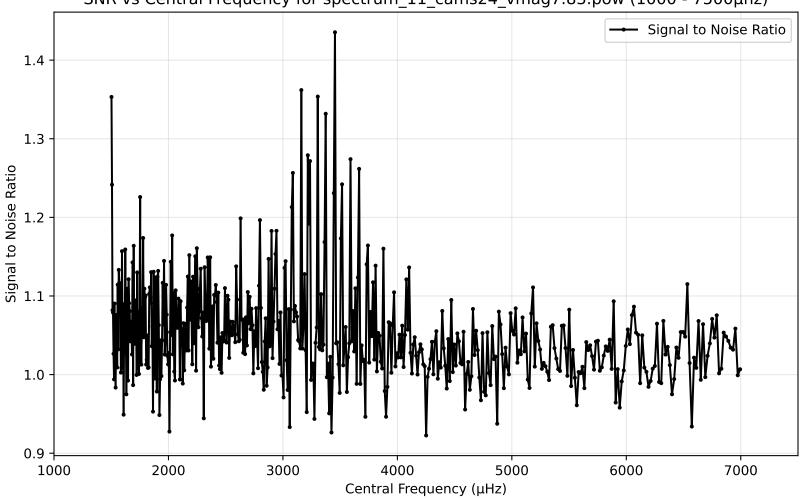
2000

3000

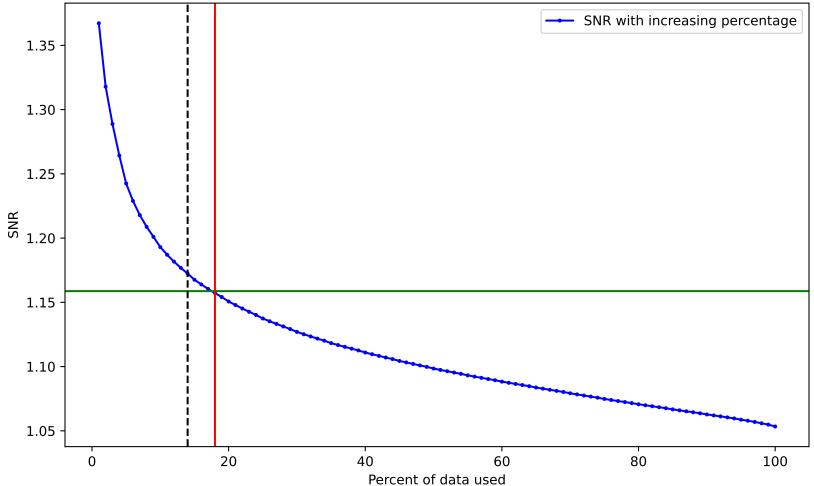
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag10.25.pow. Drowned by noise at 7.0%.



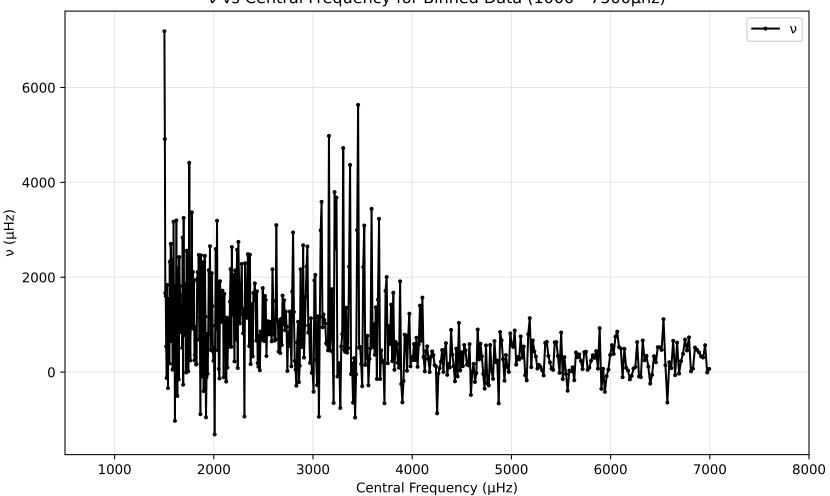
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag7.83.pow (1000 - 7500µhz)



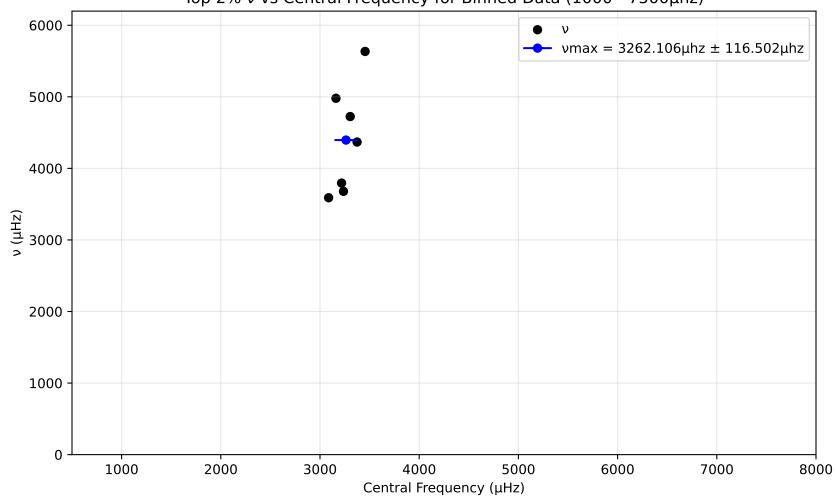
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag7.83.pow. Drowned by noise at 18.0%.



ν vs Central Frequency for Binned Data (1000 - 7500μhz)

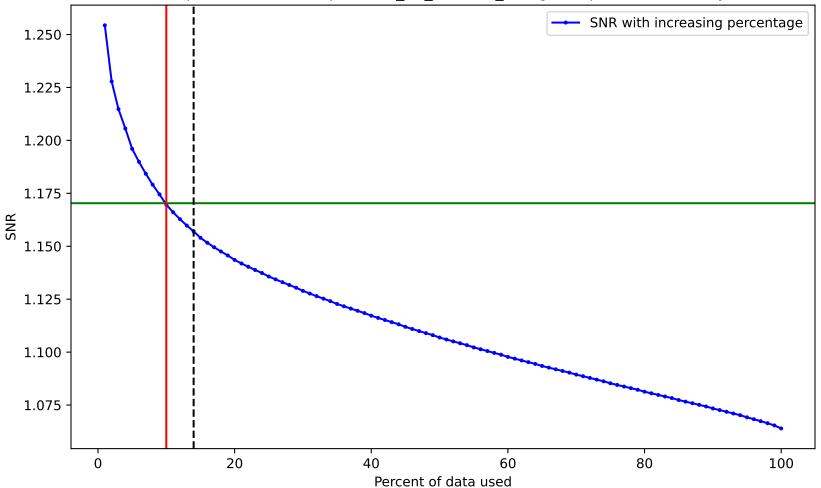


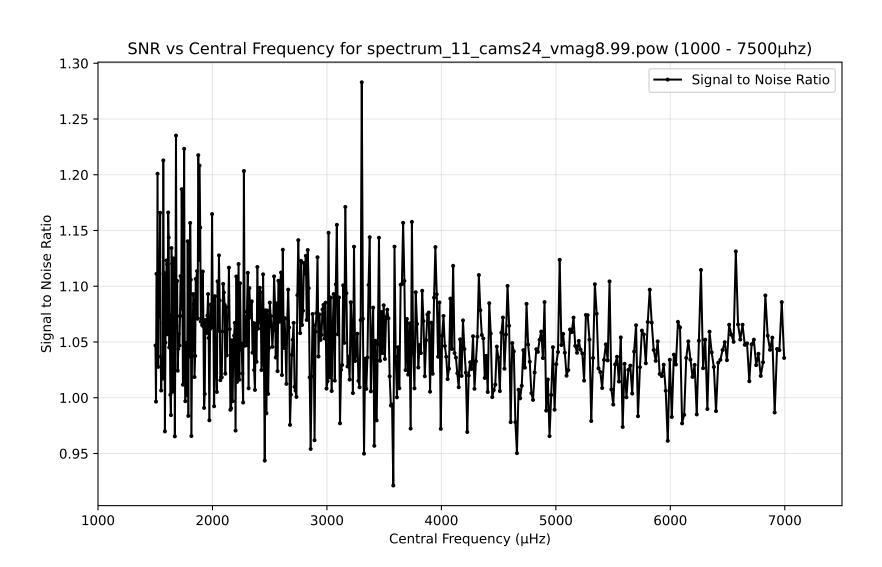
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



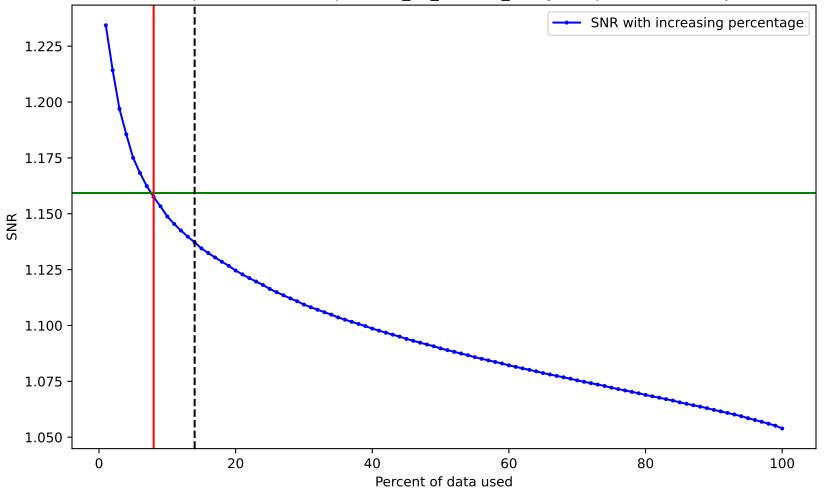
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag8.88.pow (1000 - 7500µhz) 1.30 -Signal to Noise Ratio 1.25 1.20 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 6000 7000 5000 Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_11\_cams24\_vmag8.88.pow. Drowned by noise at 10.0%.

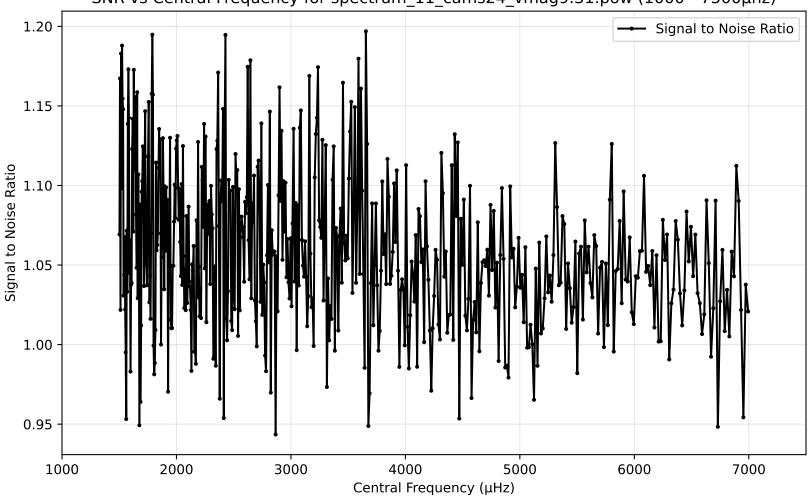




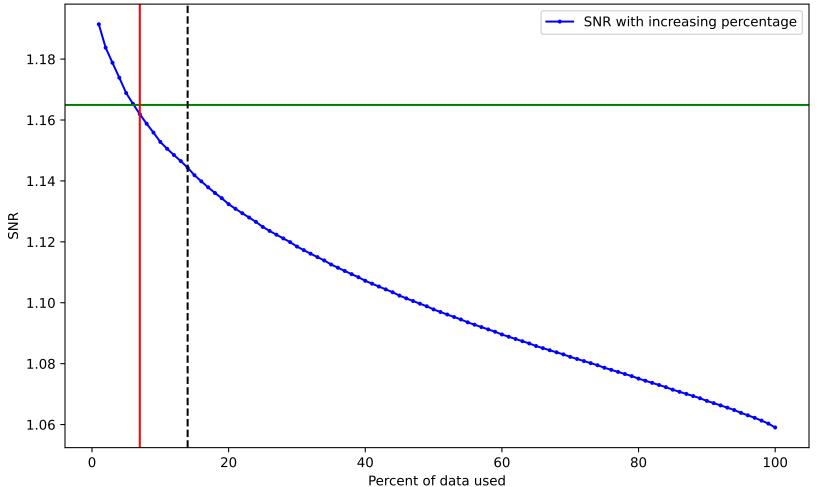
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag8.99.pow. Drowned by noise at 8.0%.



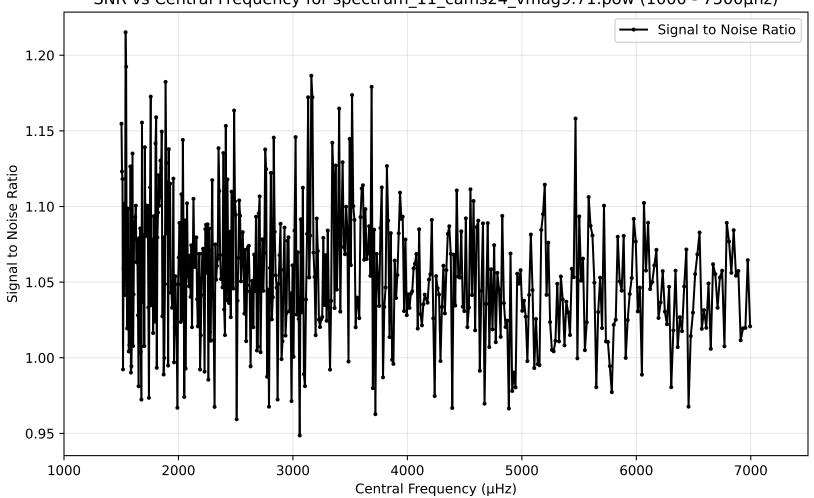
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag9.31.pow (1000 - 7500µhz)



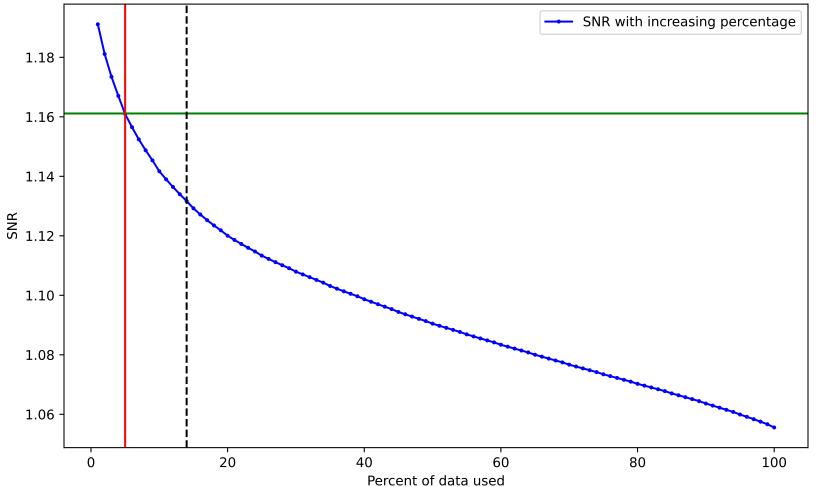
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag9.31.pow. Drowned by noise at 7.0%.



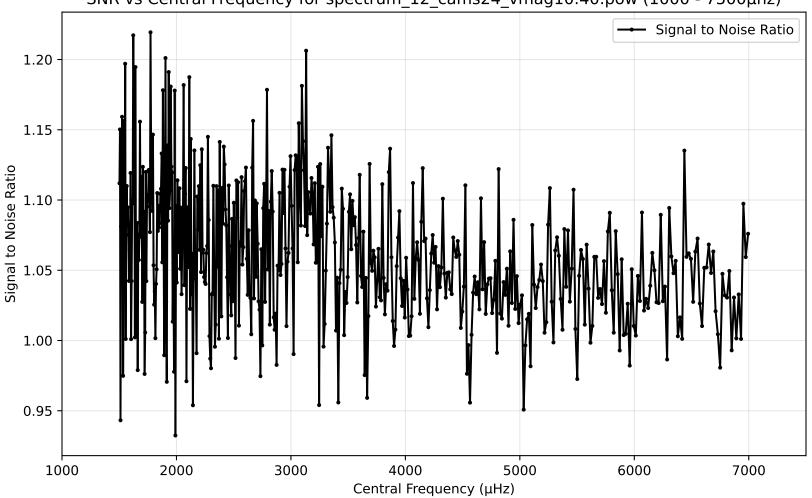
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag9.71.pow (1000 - 7500µhz)



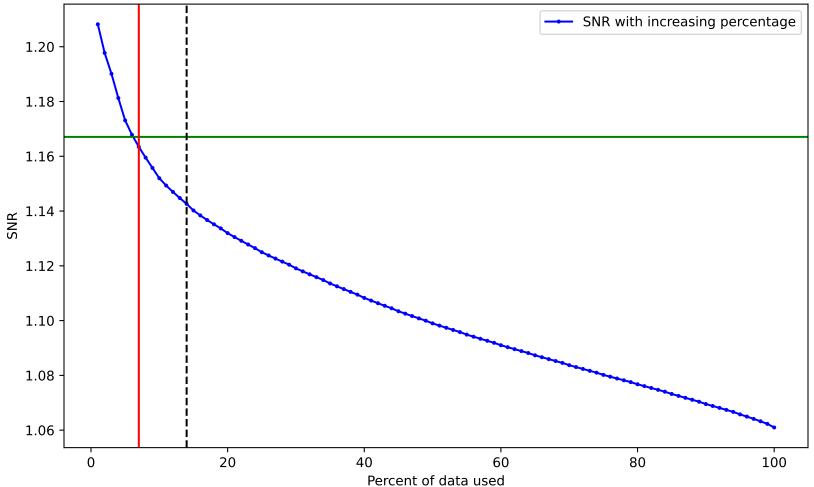
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag9.71.pow. Drowned by noise at 5.0%.



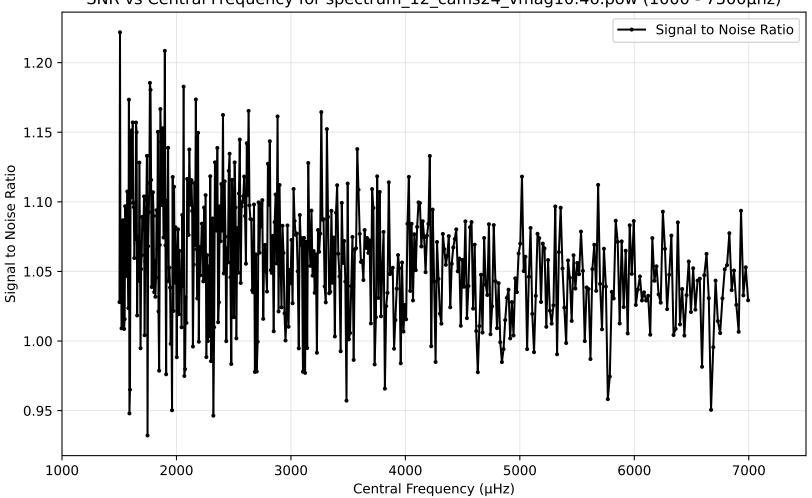
SNR vs Central Frequency for spectrum\_12\_cams24\_vmag10.40.pow (1000 -  $7500\mu hz$ )



SNR variation for top n% of data for spectrum\_12\_cams24\_vmag10.40.pow. Drowned by noise at 7.0%.



SNR vs Central Frequency for spectrum\_12\_cams24\_vmag10.46.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_12\_cams24\_vmag10.46.pow. Drowned by noise at 5.0%. 1.20 -SNR with increasing percentage 1.18 1.16 1.14 -SNR 1.12 1.10 1.08 1.06

40

60

Percent of data used

80

100

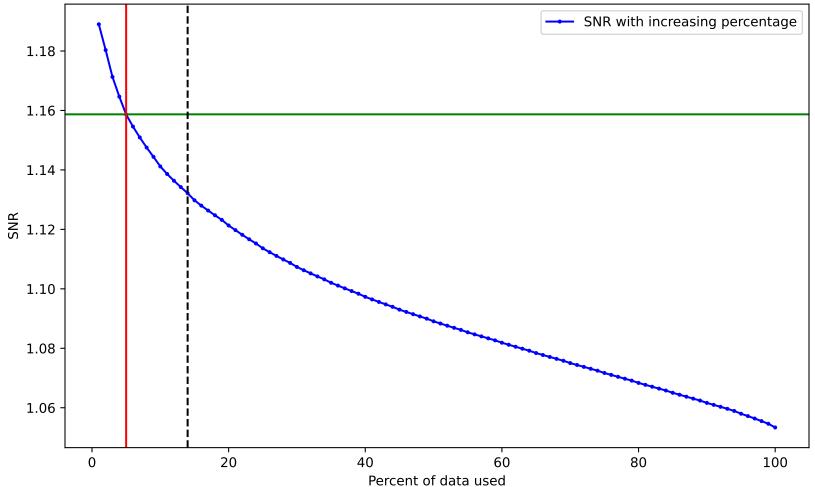
20

0

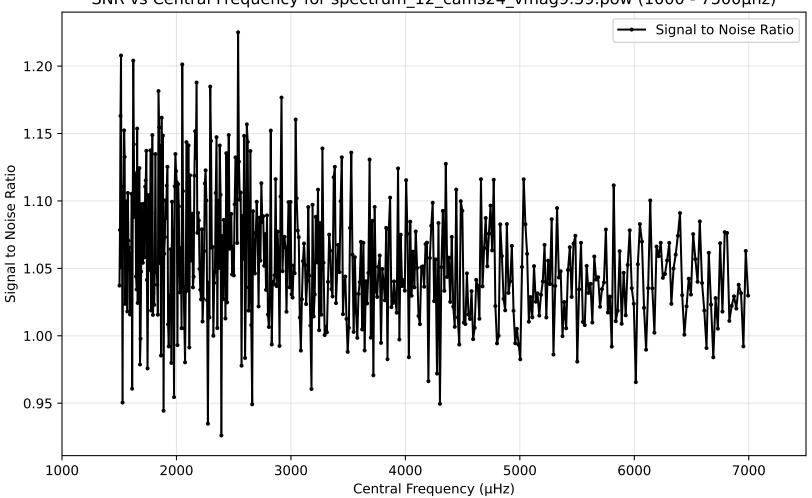
SNR vs Central Frequency for spectrum\_12\_cams24\_vmag8.87.pow (1000 - 7500µhz) 1.20 -Signal to Noise Ratio 1.15 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 6000 7000 5000

Central Frequency (µHz)

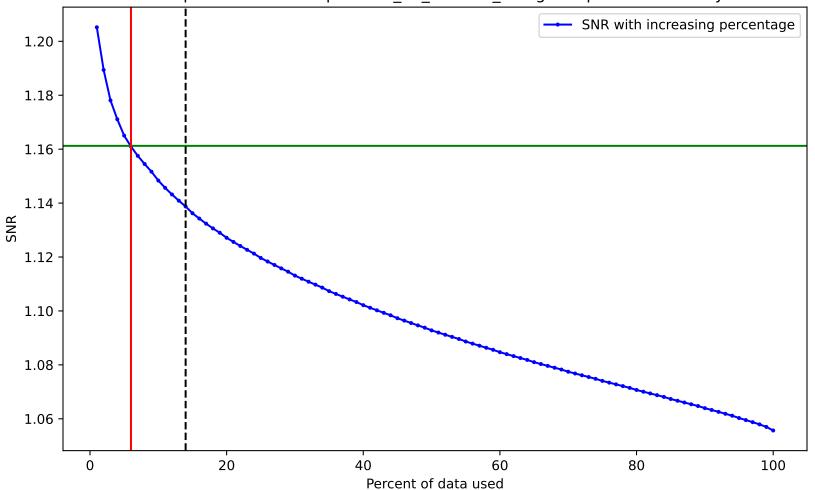
SNR variation for top n% of data for spectrum\_12\_cams24\_vmag8.87.pow. Drowned by noise at 5.0%.



SNR vs Central Frequency for spectrum\_12\_cams24\_vmag9.59.pow (1000 - 7500µhz)



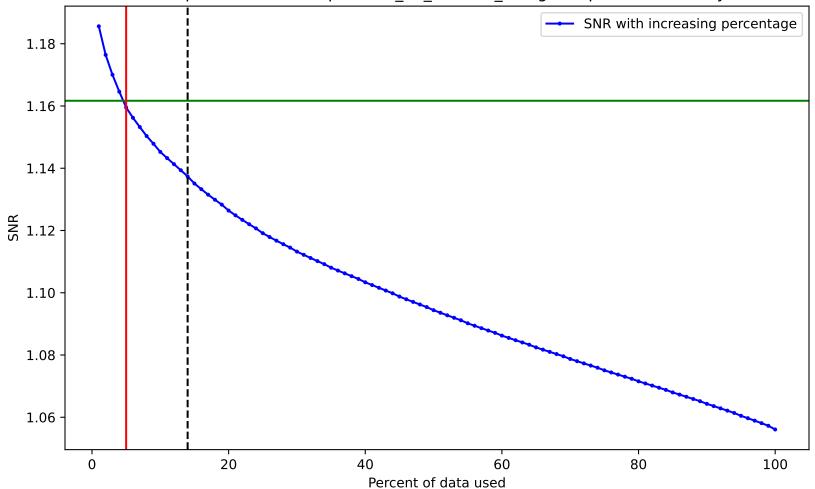
SNR variation for top n% of data for spectrum\_12\_cams24\_vmag9.59.pow. Drowned by noise at 6.0%.



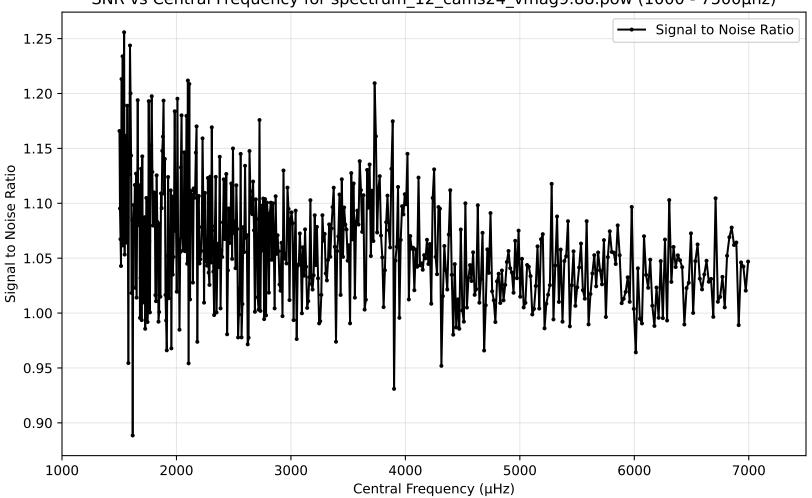
SNR vs Central Frequency for spectrum\_12\_cams24\_vmag9.60.pow (1000 - 7500µhz) 1.20 -Signal to Noise Ratio 1.15 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 6000 7000 5000

Central Frequency (µHz)

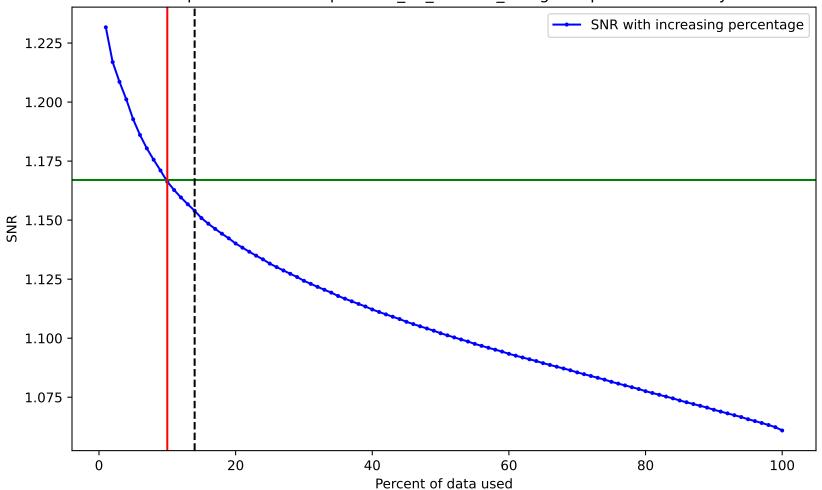
SNR variation for top n% of data for spectrum\_12\_cams24\_vmag9.60.pow. Drowned by noise at 5.0%.



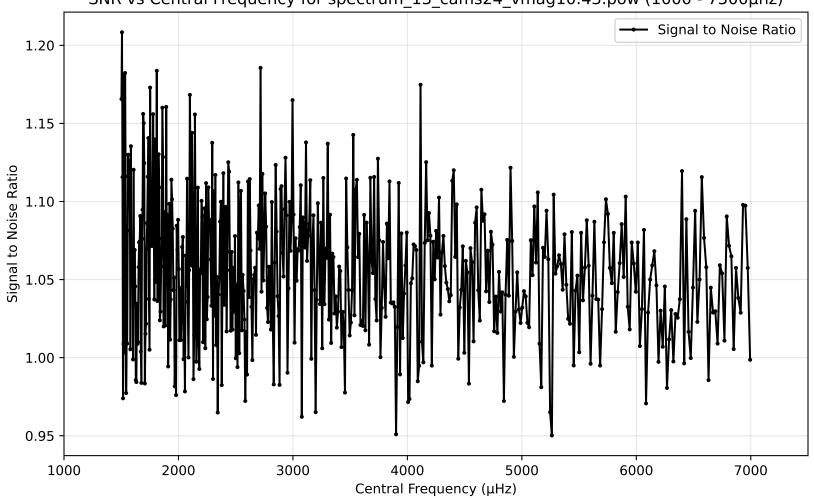
SNR vs Central Frequency for spectrum\_12\_cams24\_vmag9.88.pow (1000 - 7500µhz)



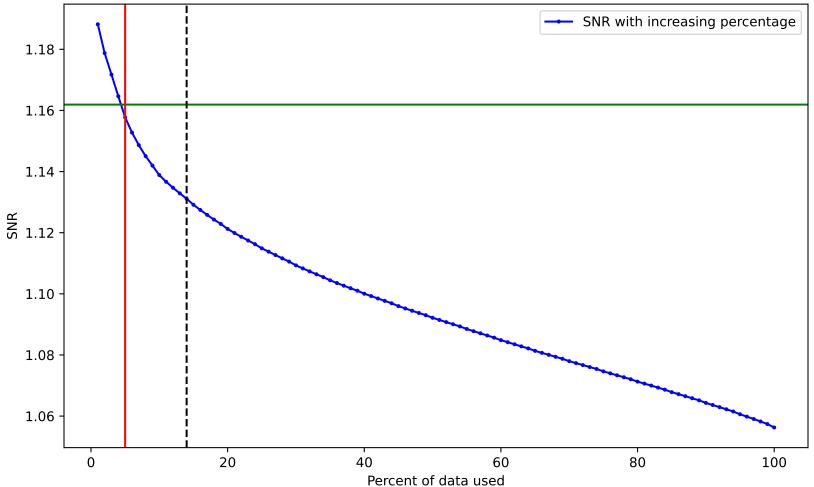
SNR variation for top n% of data for spectrum\_12\_cams24\_vmag9.88.pow. Drowned by noise at 10.0%.



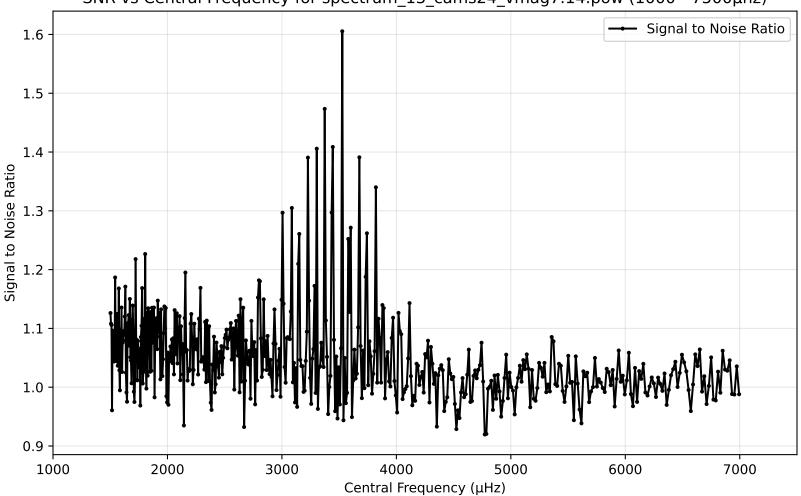
SNR vs Central Frequency for spectrum\_13\_cams24\_vmag10.43.pow (1000 - 7500µhz)



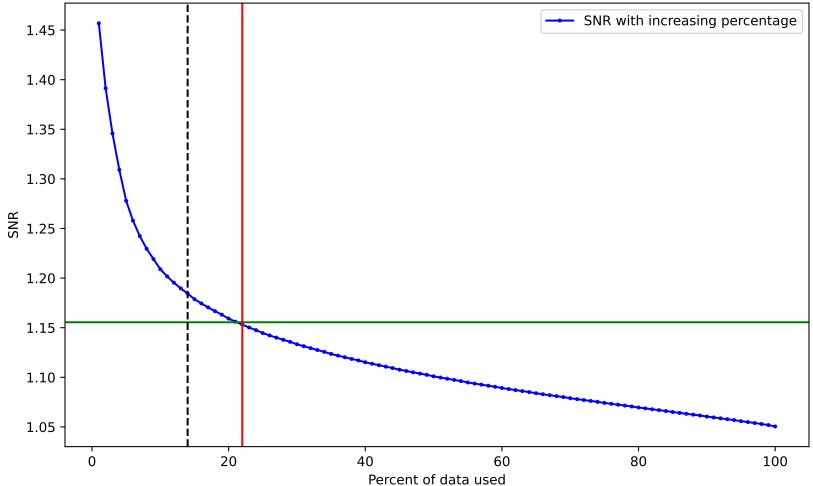
SNR variation for top n% of data for spectrum\_13\_cams24\_vmag10.43.pow. Drowned by noise at 5.0%.



SNR vs Central Frequency for spectrum\_13\_cams24\_vmag7.14.pow (1000 - 7500µhz)

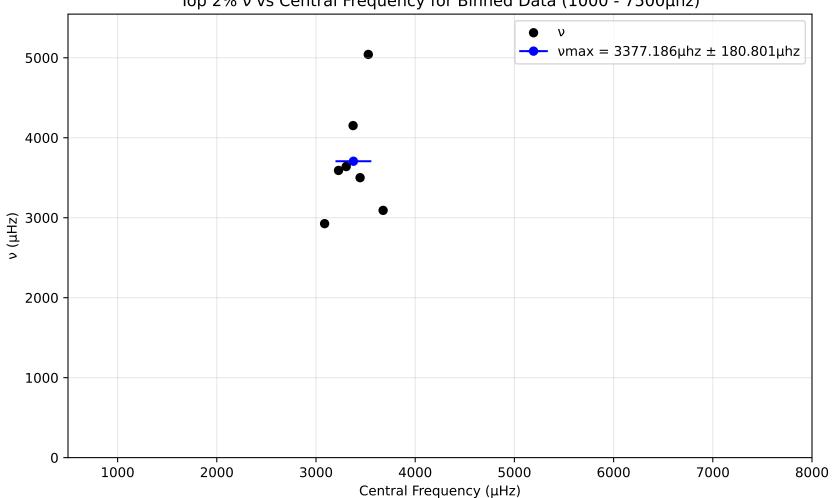


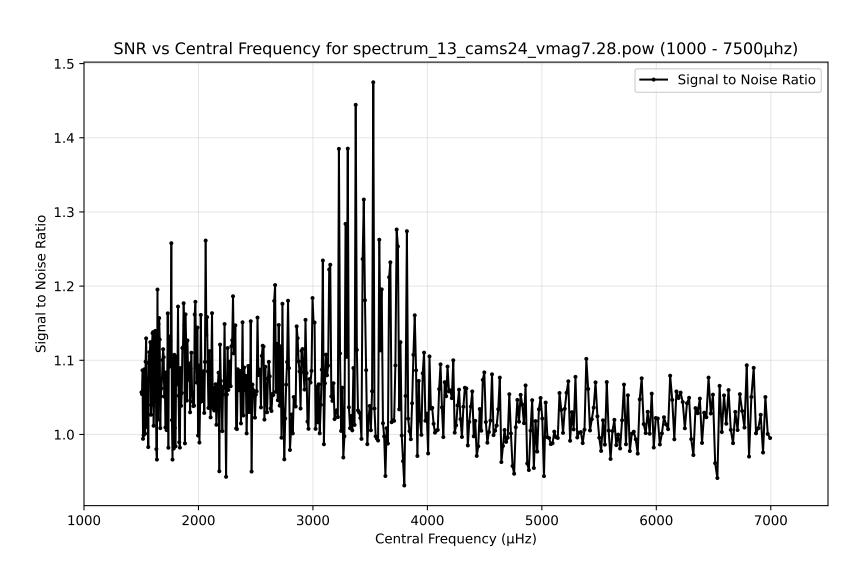
SNR variation for top n% of data for spectrum\_13\_cams24\_vmag7.14.pow. Drowned by noise at 22.0%.



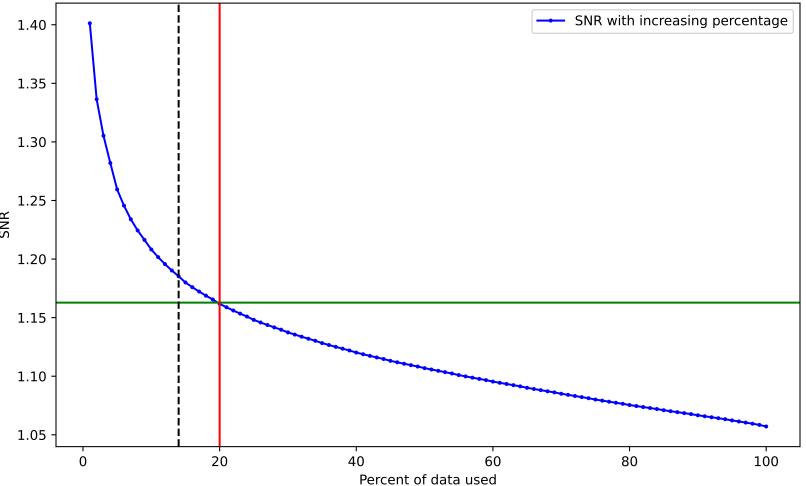
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)





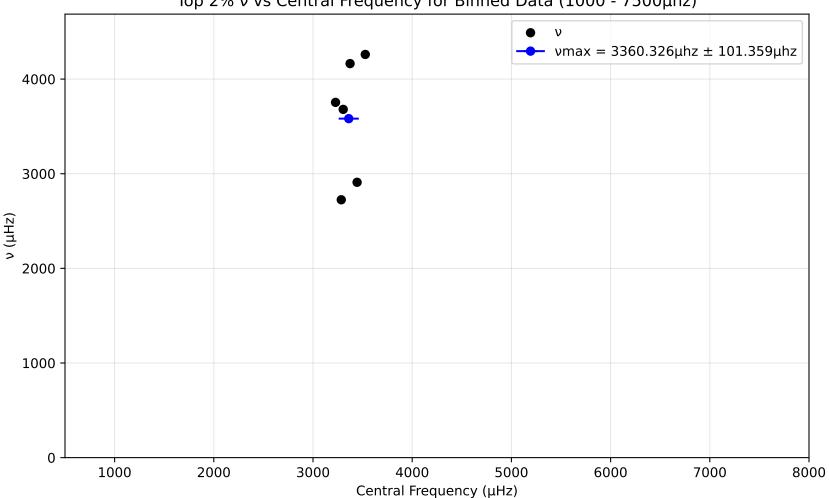
SNR variation for top n% of data for spectrum\_13\_cams24\_vmag7.28.pow. Drowned by noise at 20.0%.



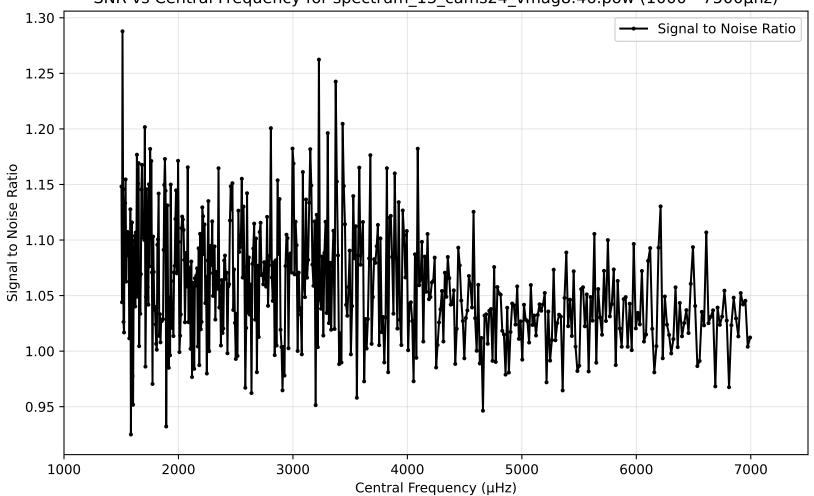
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz) v (µHz) -1000 

Central Frequency (µHz)

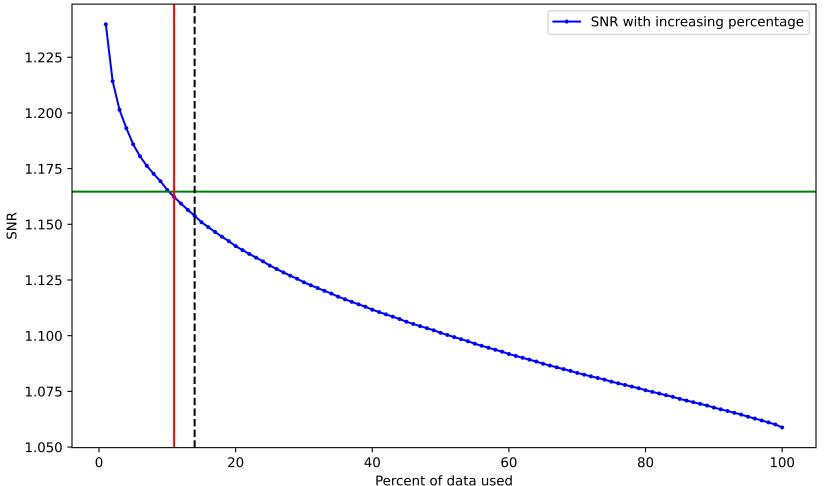
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_13\_cams24\_vmag8.46.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_13\_cams24\_vmag8.46.pow. Drowned by noise at 11.0%.



SNR vs Central Frequency for spectrum\_13\_cams24\_vmag9.14.pow (1000 - 7500µhz) Signal to Noise Ratio 1.20 1.15 1.10 1.05 1.00 0.95

4000

Central Frequency (µHz)

5000

6000

7000

Signal to Noise Ratio

0.90

1000

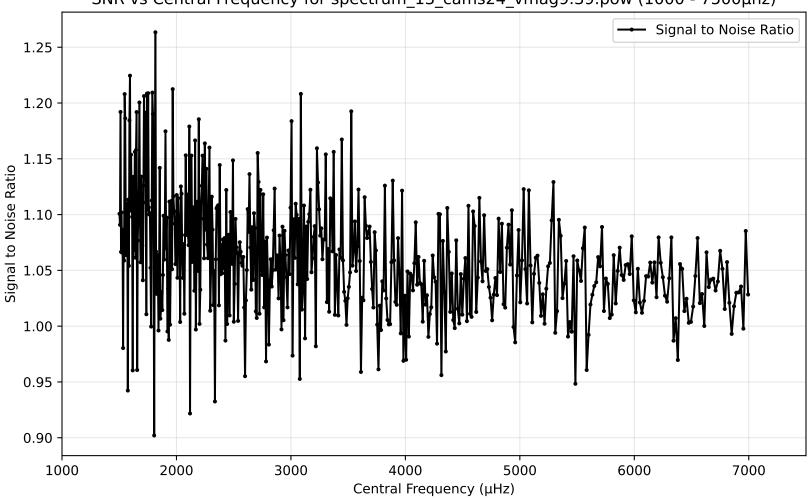
2000

3000

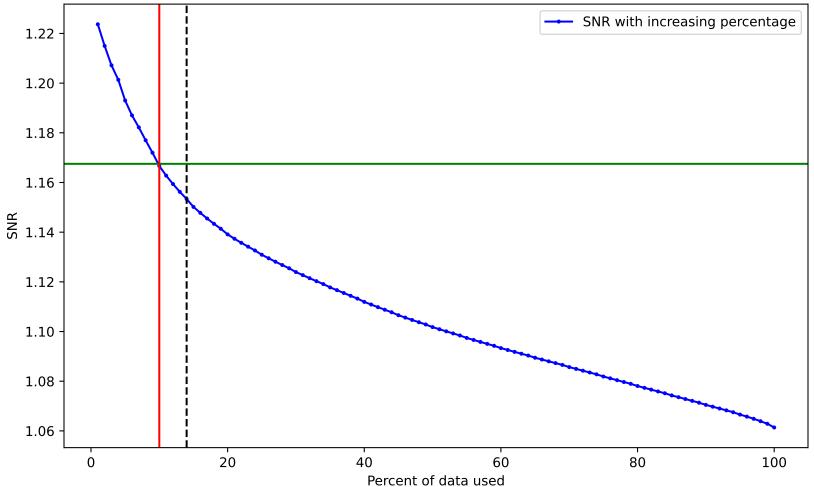
SNR variation for top n% of data for spectrum\_13\_cams24\_vmag9.14.pow. Drowned by noise at 7.0%. SNR with increasing percentage 1.22 1.20 1.18 1.16 -X 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

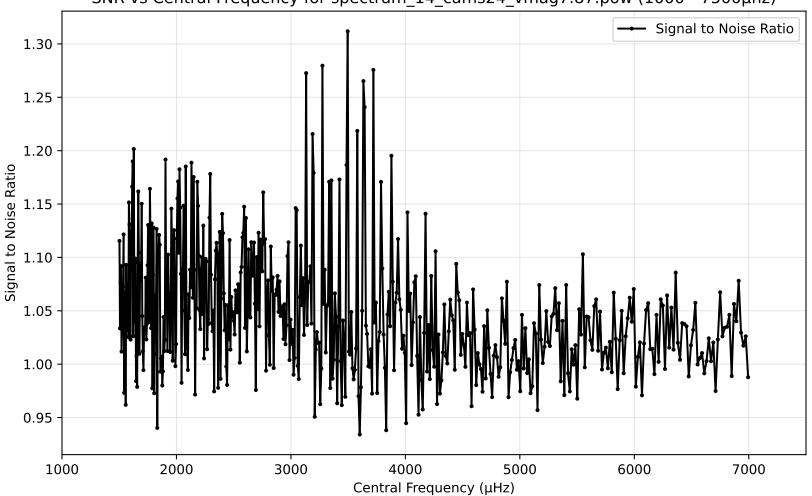
SNR vs Central Frequency for spectrum\_13\_cams24\_vmag9.39.pow (1000 - 7500µhz)



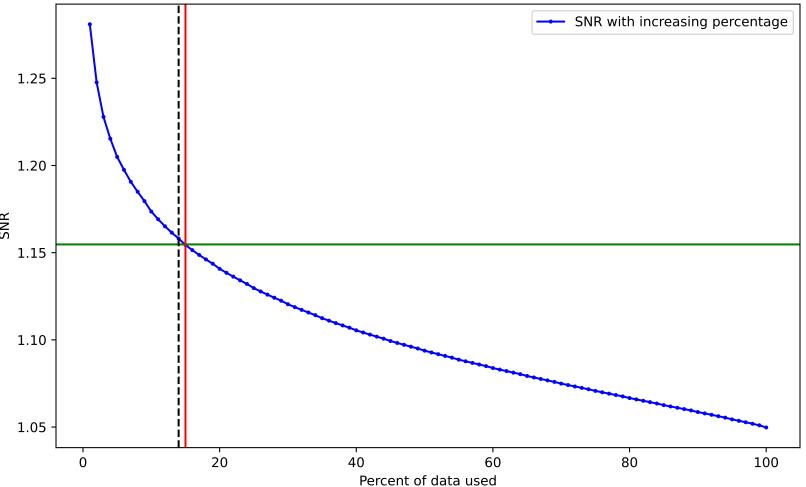
SNR variation for top n% of data for spectrum\_13\_cams24\_vmag9.39.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_14\_cams24\_vmag7.87.pow (1000 - 7500µhz)

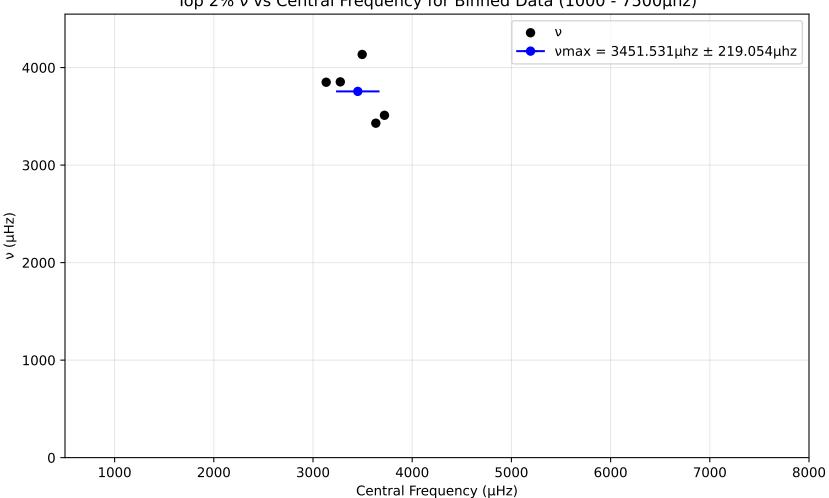


SNR variation for top n% of data for spectrum\_14\_cams24\_vmag7.87.pow. Drowned by noise at 15.0%.



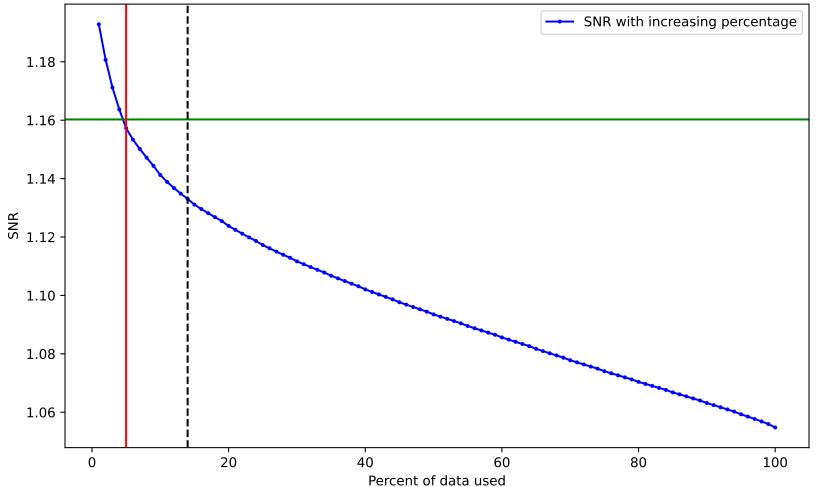
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)

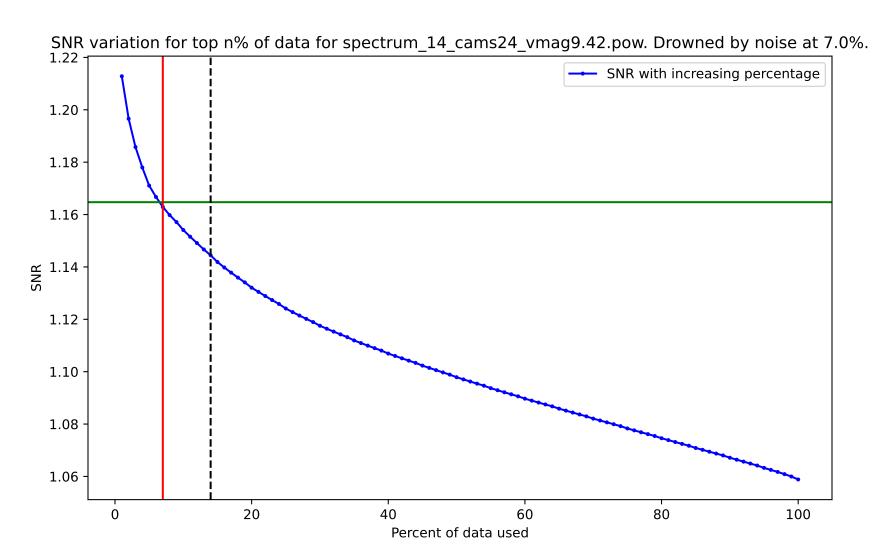


SNR vs Central Frequency for spectrum\_14\_cams24\_vmag9.12.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.10 -1.00 0.95 1000 2000 3000 4000 6000 7000 5000

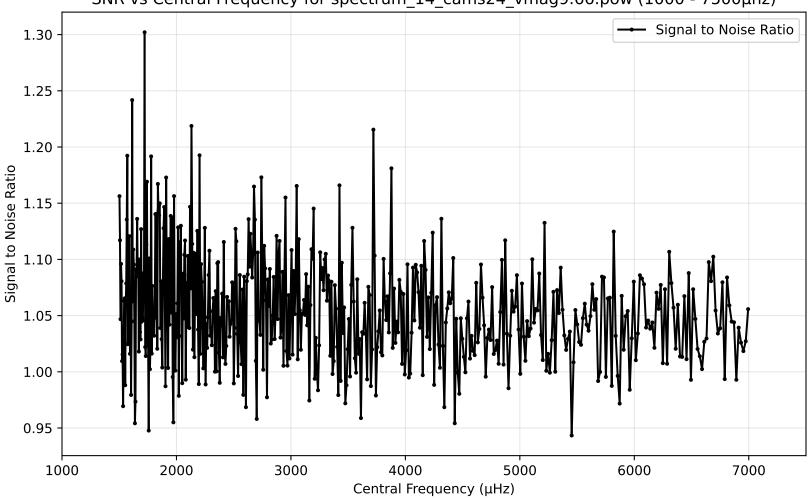
SNR variation for top n% of data for spectrum\_14\_cams24\_vmag9.12.pow. Drowned by noise at 5.0%.



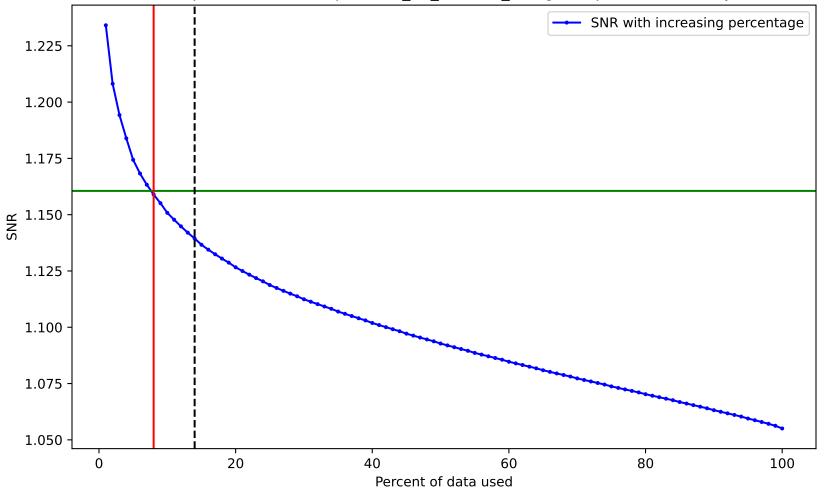
SNR vs Central Frequency for spectrum\_14\_cams24\_vmag9.42.pow (1000 - 7500µhz) Signal to Noise Ratio 1.25 1.20 Signal to Noise Ratio 1.05 1.00 0.95 1000 2000 3000 4000 5000 6000 7000



SNR vs Central Frequency for spectrum\_14\_cams24\_vmag9.66.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_14\_cams24\_vmag9.66.pow. Drowned by noise at 8.0%.



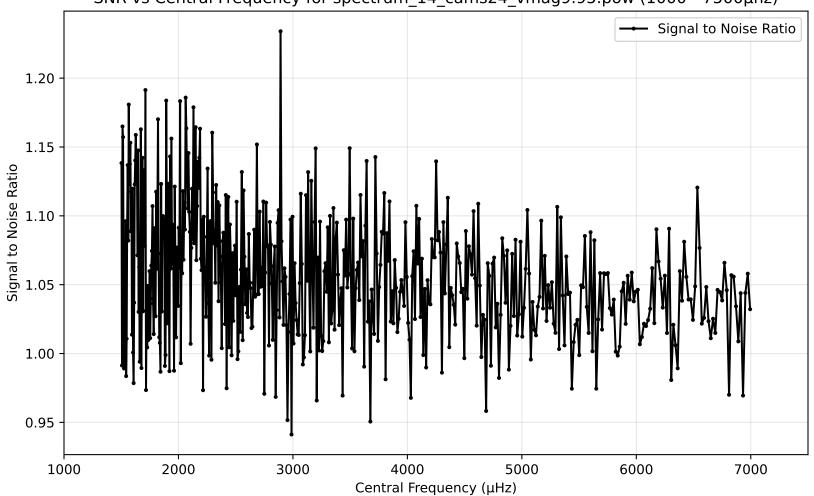
SNR vs Central Frequency for spectrum\_14\_cams24\_vmag9.75.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.10 1.05 1.00 0.95 0.90 1000 2000 3000 4000 5000 6000 7000 Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_14\_cams24\_vmag9.75.pow. Drowned by noise at 6.0%. SNR with increasing percentage 1.20 1.18 1.16 1.14 -1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

SNR

SNR vs Central Frequency for spectrum\_14\_cams24\_vmag9.95.pow (1000 - 7500µhz)

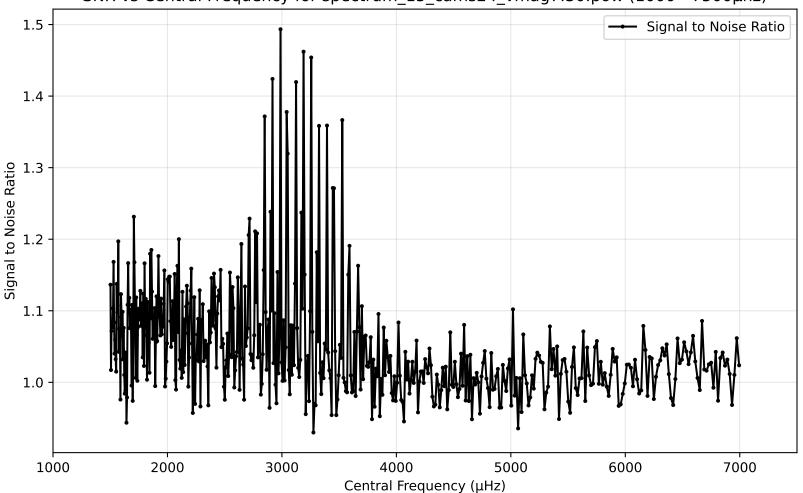


SNR variation for top n% of data for spectrum\_14\_cams24\_vmag9.95.pow. Drowned by noise at 6.0%. 1.20 -SNR with increasing percentage 1.18 1.16 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

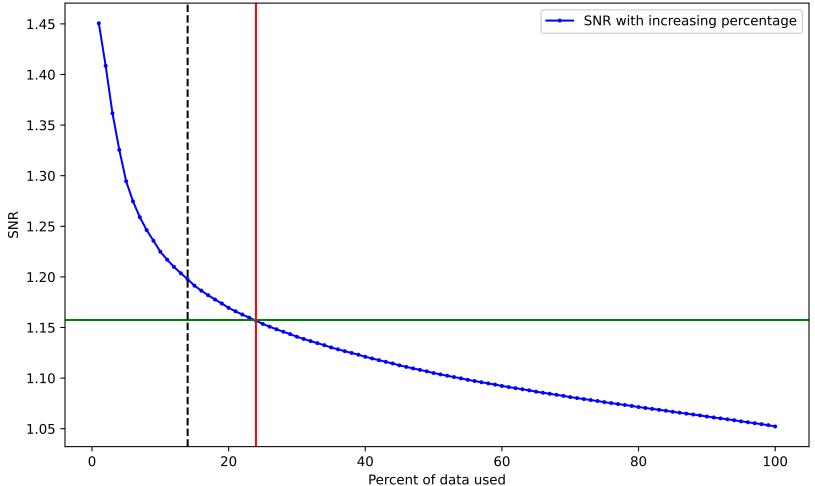
Percent of data used

SNR

SNR vs Central Frequency for spectrum\_15\_cams24\_vmag7.30.pow (1000 -  $7500\mu hz$ )

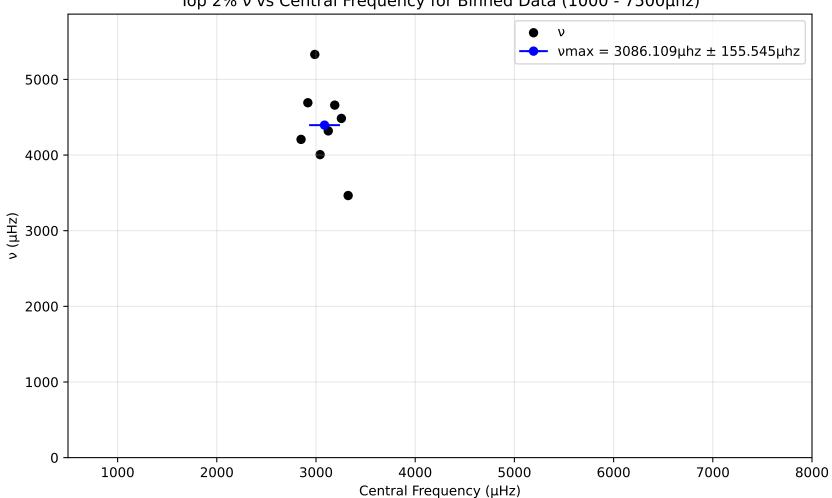


SNR variation for top n% of data for spectrum\_15\_cams24\_vmag7.30.pow. Drowned by noise at 24.0%.

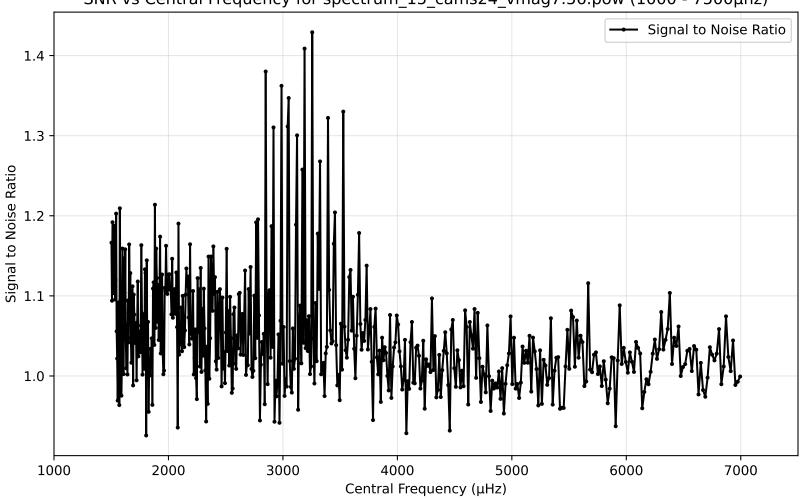


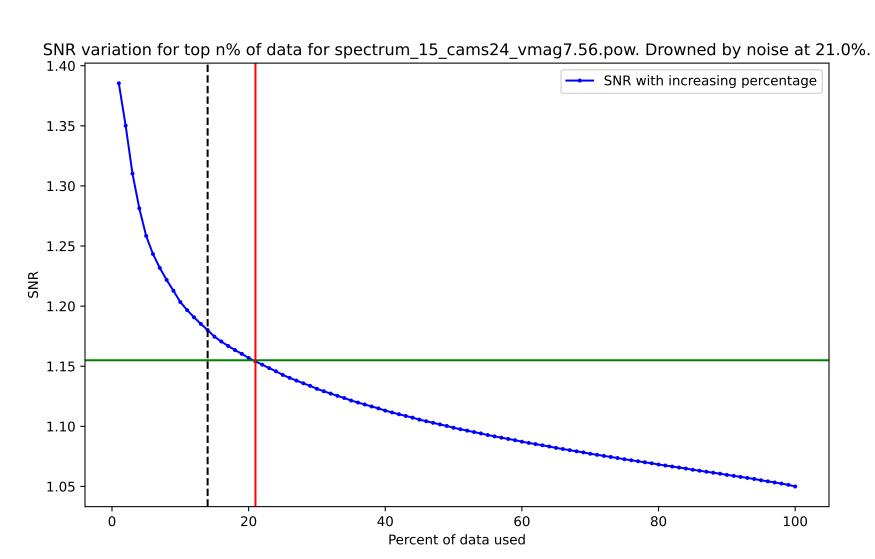
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)

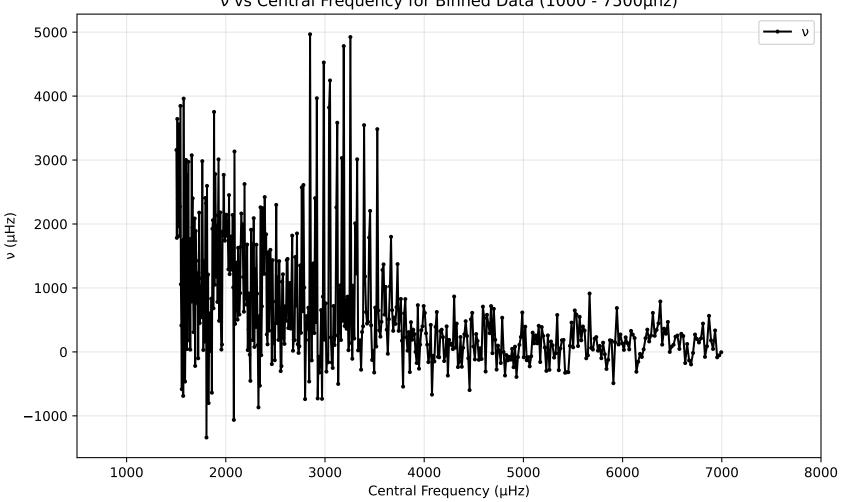


SNR vs Central Frequency for spectrum\_15\_cams24\_vmag7.56.pow (1000 - 7500µhz)

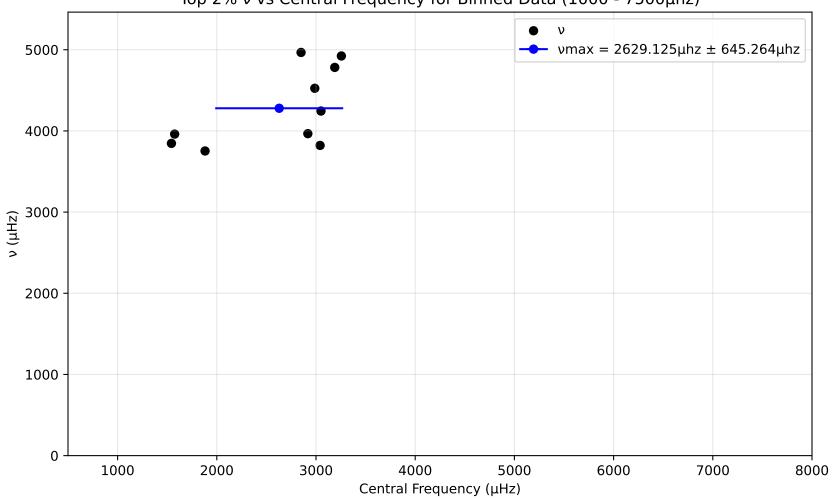




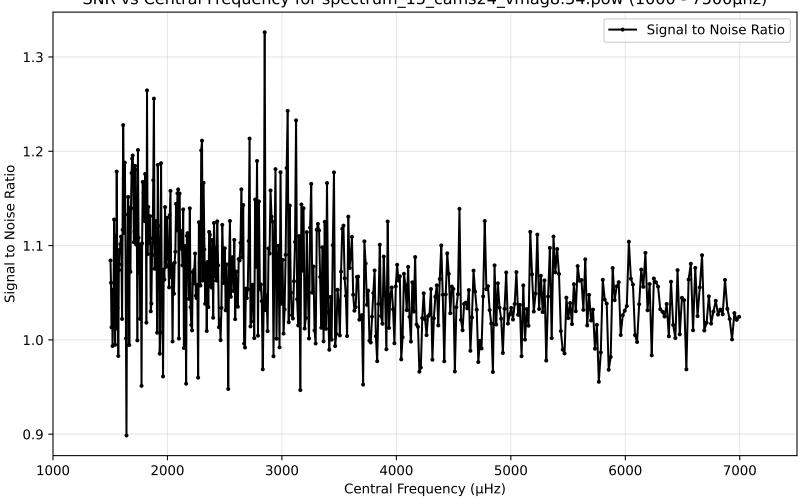
ν vs Central Frequency for Binned Data (1000 - 7500μhz)



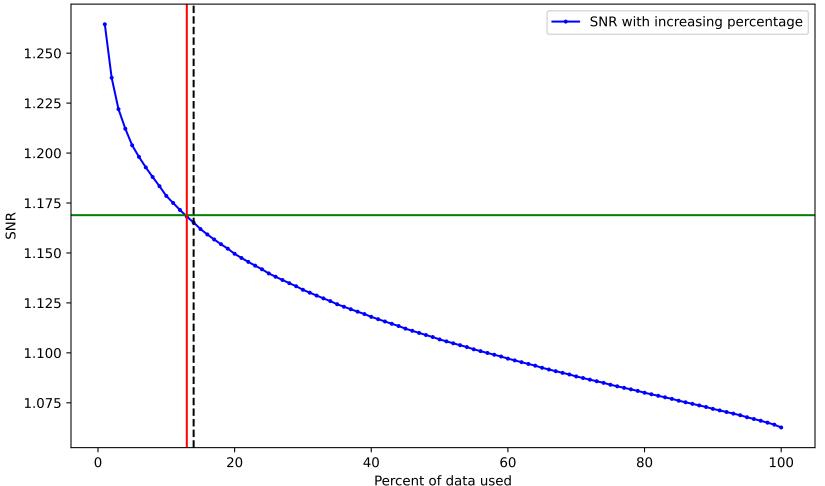
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



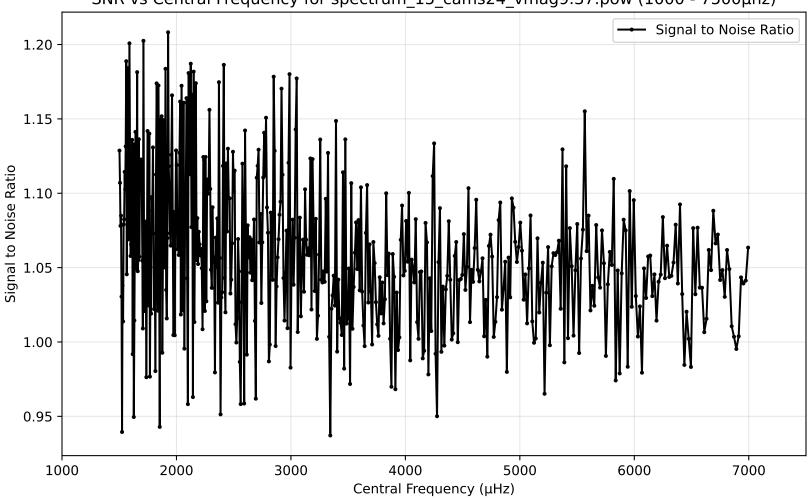
SNR vs Central Frequency for spectrum\_15\_cams24\_vmag8.54.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_15\_cams24\_vmag8.54.pow. Drowned by noise at 13.0%.



SNR vs Central Frequency for spectrum\_15\_cams24\_vmag9.37.pow (1000 - 7500µhz)

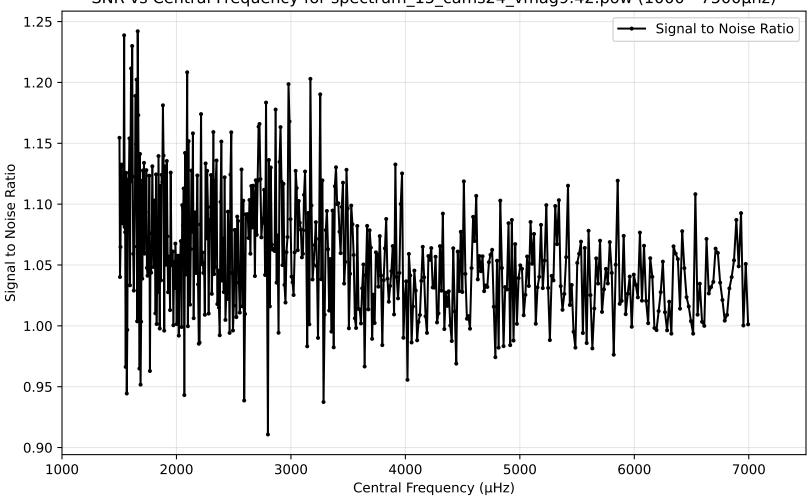


SNR variation for top n% of data for spectrum\_15\_cams24\_vmag9.37.pow. Drowned by noise at 9.0%. 1.20 -SNR with increasing percentage 1.18 1.16 -1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

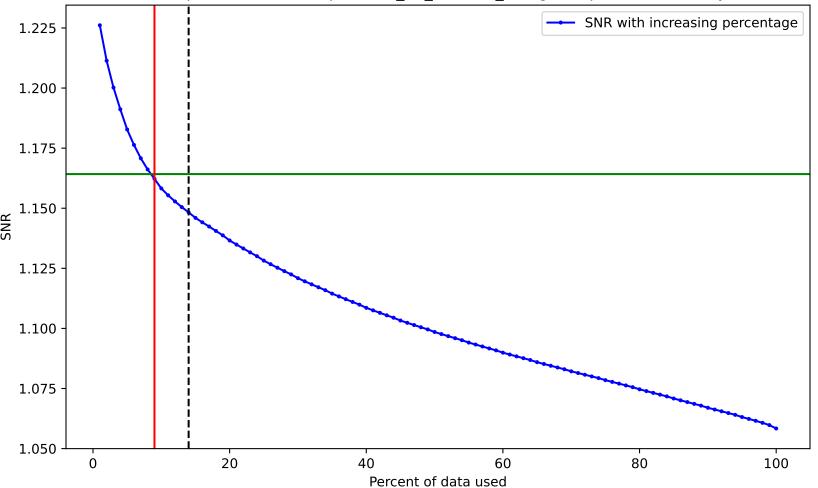
Percent of data used

SNR

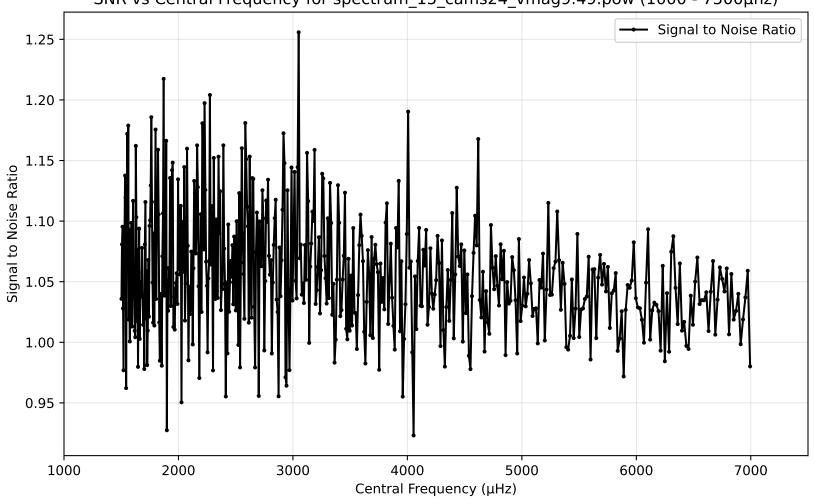
SNR vs Central Frequency for spectrum\_15\_cams24\_vmag9.42.pow (1000 -  $7500\mu hz$ )

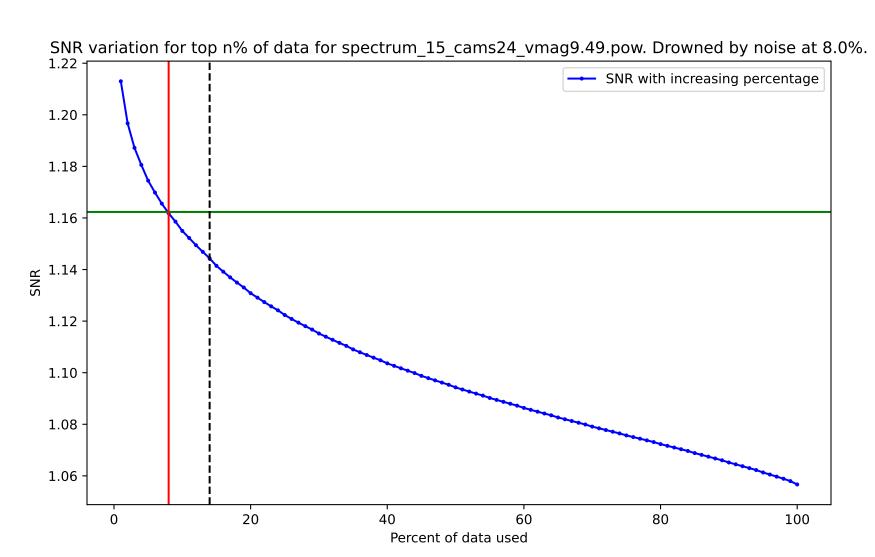


SNR variation for top n% of data for spectrum\_15\_cams24\_vmag9.42.pow. Drowned by noise at 9.0%.



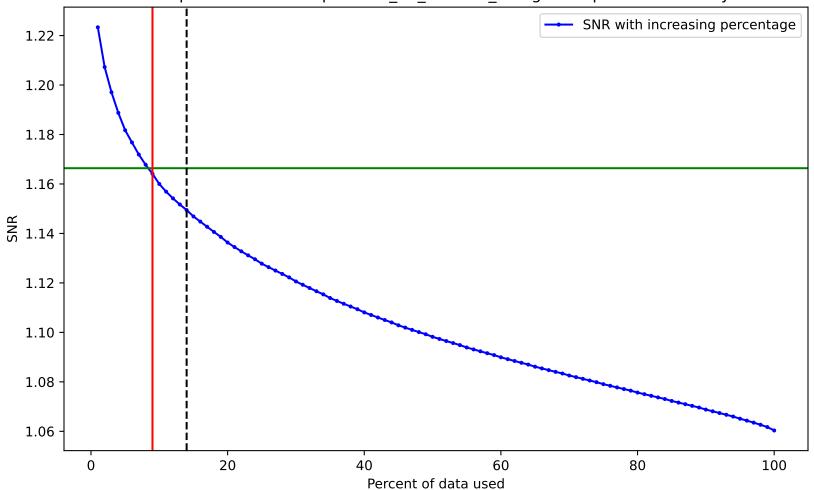
SNR vs Central Frequency for spectrum\_15\_cams24\_vmag9.49.pow (1000 - 7500µhz)



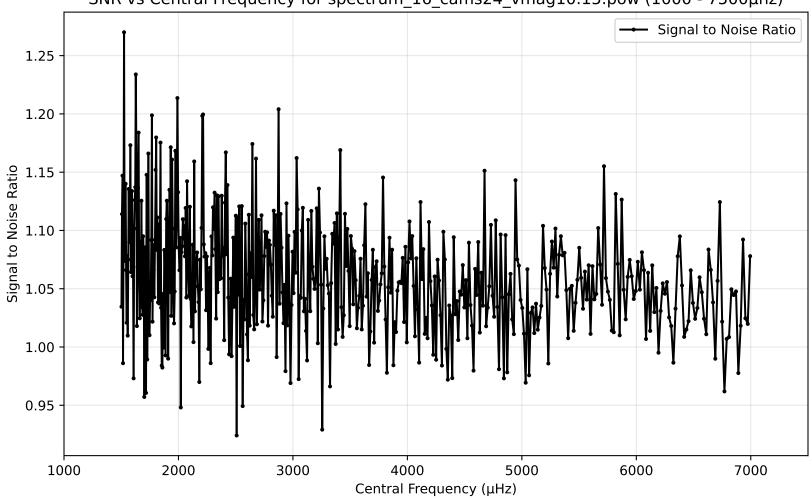


SNR vs Central Frequency for spectrum\_16\_cams24\_vmag10.11.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 6000 7000 5000

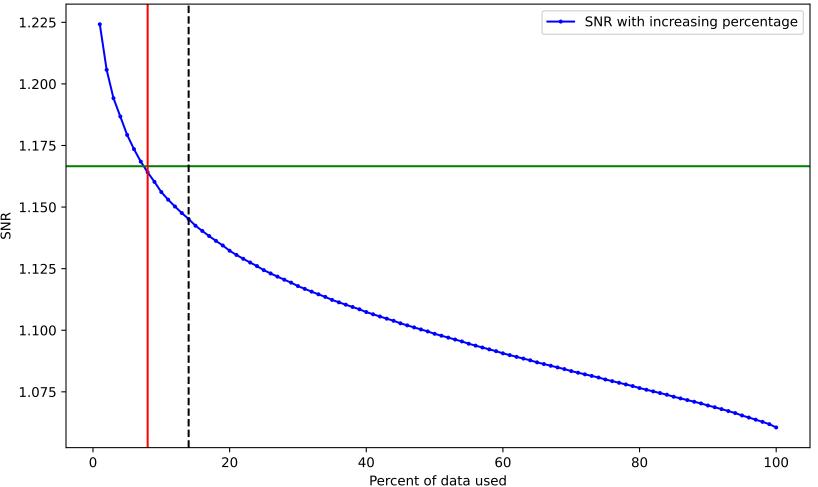
SNR variation for top n% of data for spectrum\_16\_cams24\_vmag10.11.pow. Drowned by noise at 9.0%.

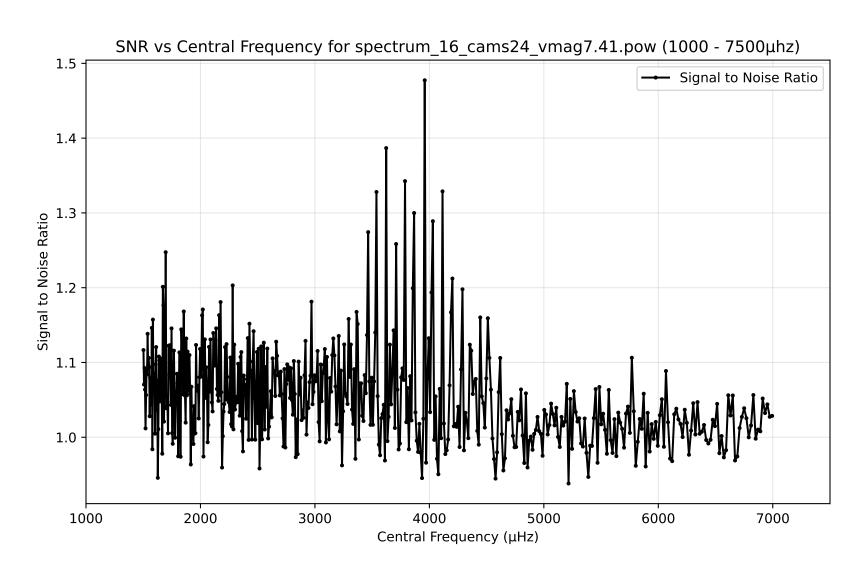


SNR vs Central Frequency for spectrum\_16\_cams24\_vmag10.15.pow (1000 - 7500µhz)

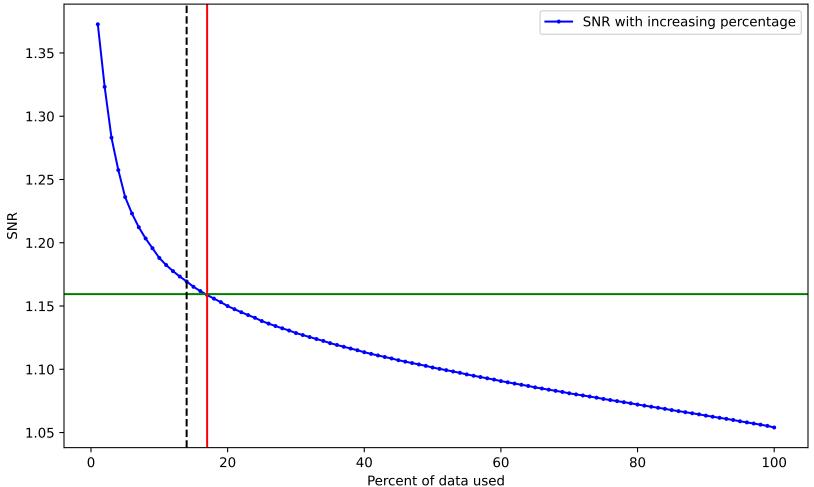


SNR variation for top n% of data for spectrum\_16\_cams24\_vmag10.15.pow. Drowned by noise at 8.0%.





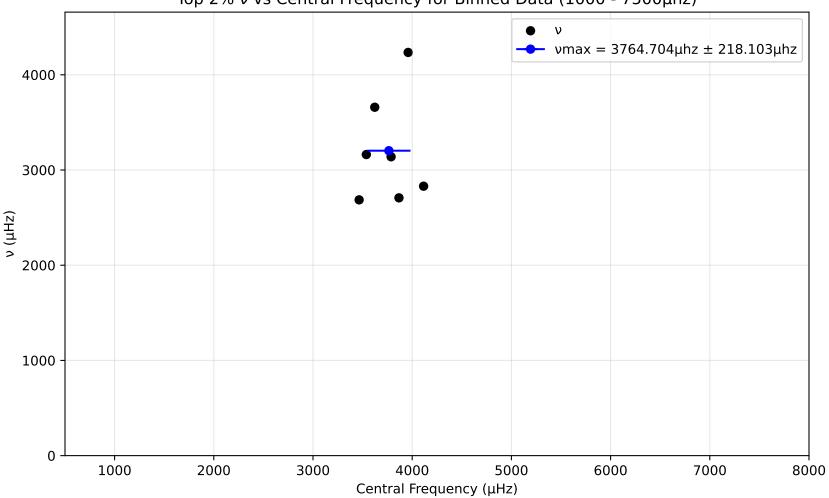
SNR variation for top n% of data for spectrum\_16\_cams24\_vmag7.41.pow. Drowned by noise at 17.0%.



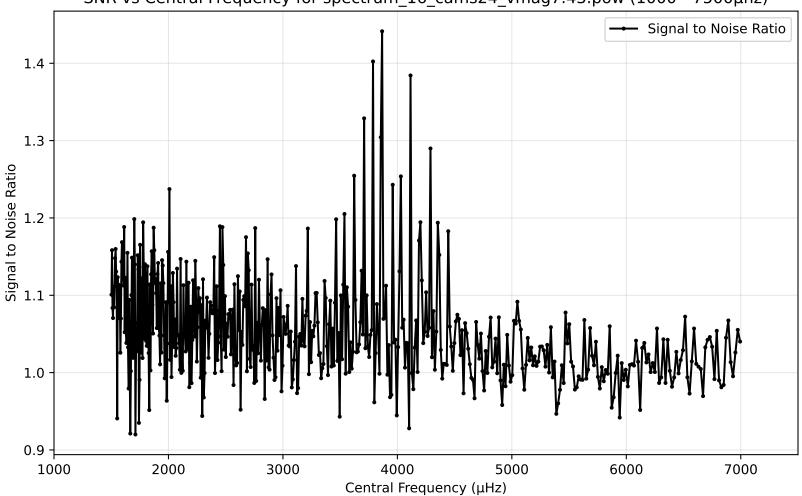
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Central Frequency (µHz)

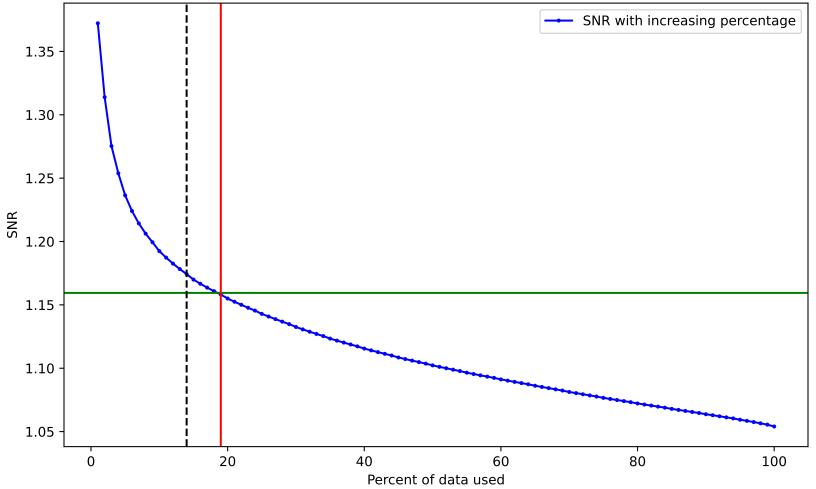
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_16\_cams24\_vmag7.43.pow (1000 - 7500µhz)

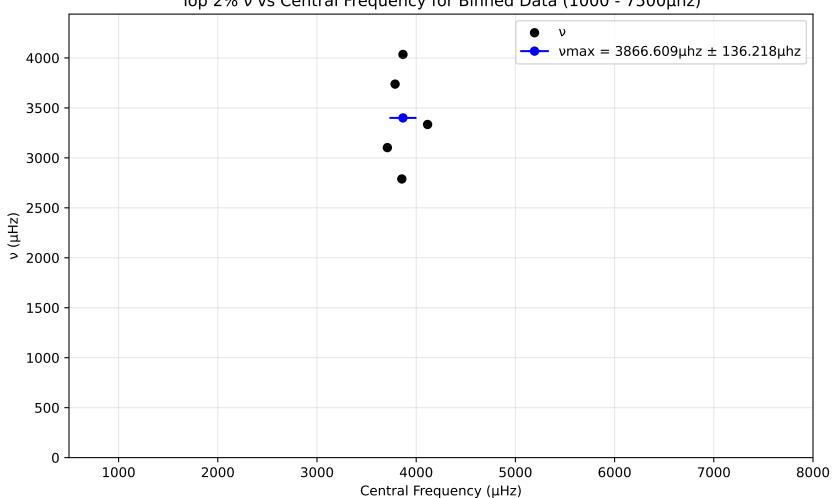


SNR variation for top n% of data for spectrum\_16\_cams24\_vmag7.43.pow. Drowned by noise at 19.0%.

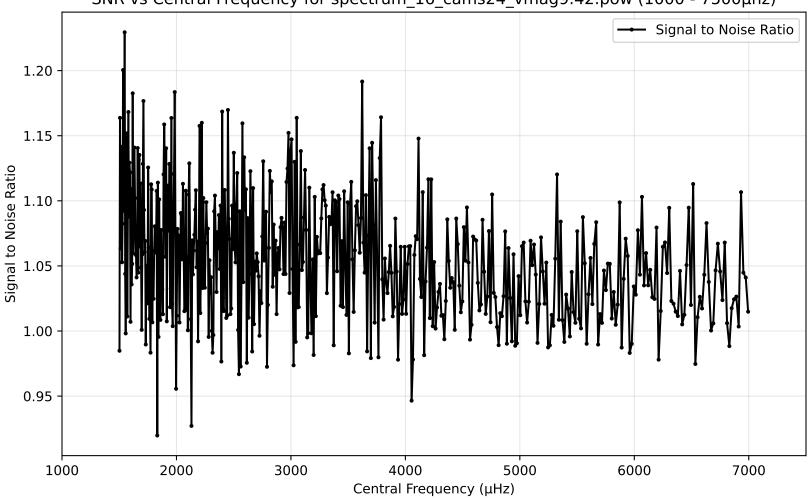


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_16\_cams24\_vmag9.42.pow (1000 - 7500µhz)

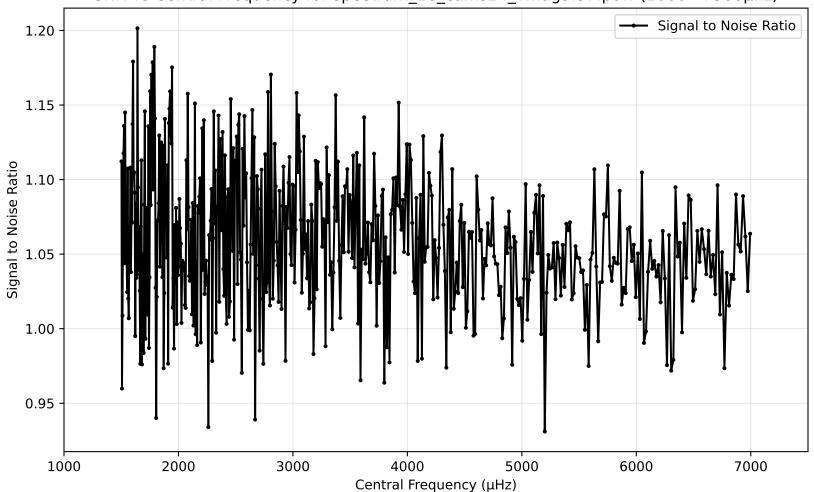


SNR variation for top n% of data for spectrum\_16\_cams24\_vmag9.42.pow. Drowned by noise at 6.0%. 1.20 -SNR with increasing percentage 1.18 1.16 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

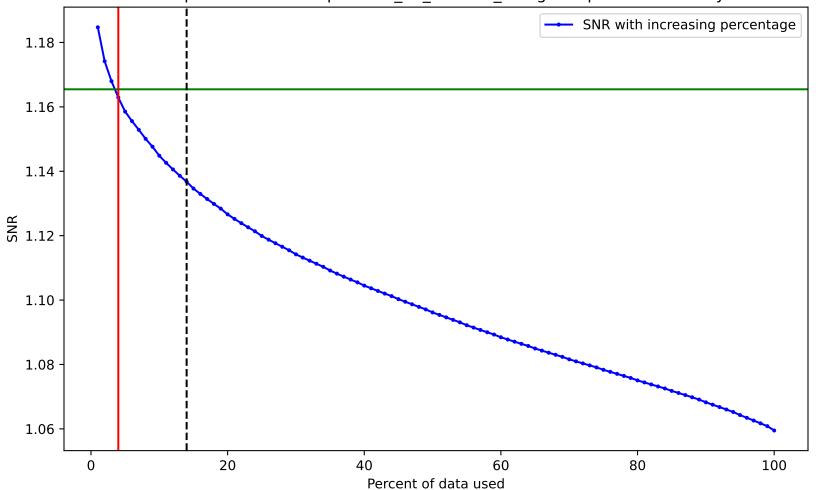
Percent of data used

SNR

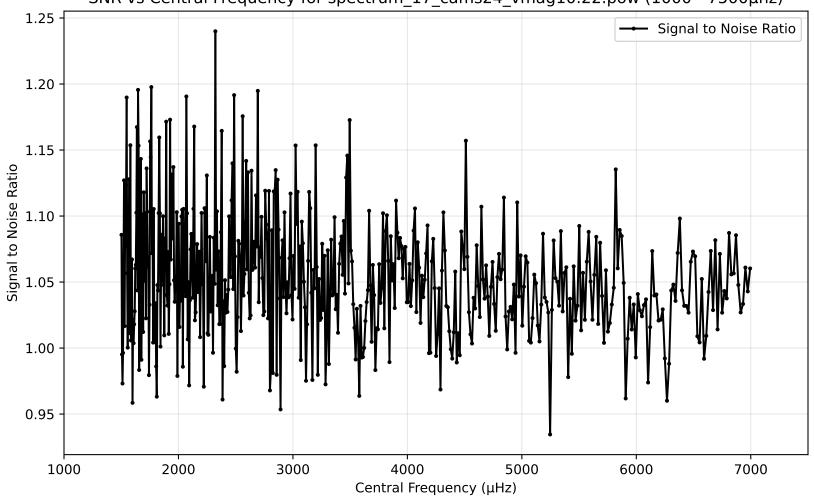
SNR vs Central Frequency for spectrum\_16\_cams24\_vmag9.97.pow (1000 - 7500µhz)



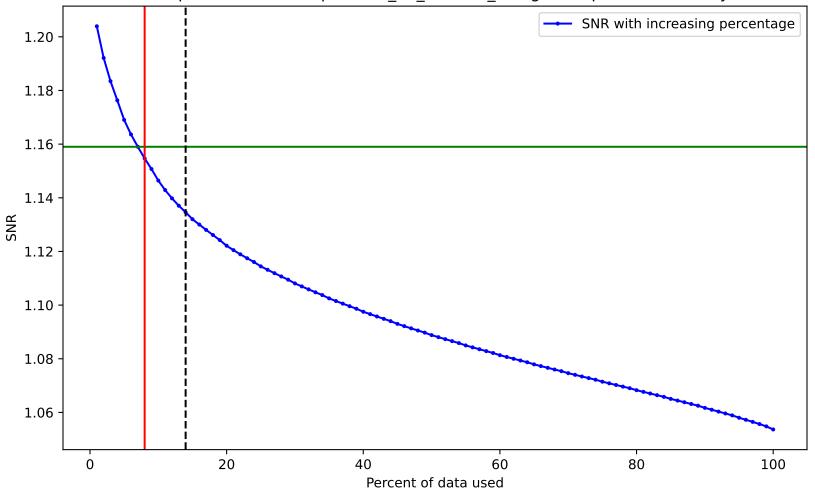
SNR variation for top n% of data for spectrum\_16\_cams24\_vmag9.97.pow. Drowned by noise at 4.0%.



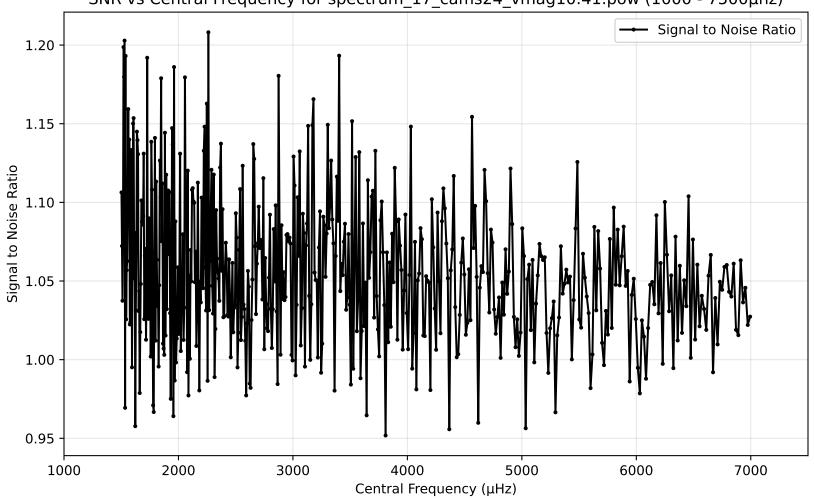
SNR vs Central Frequency for spectrum\_17\_cams24\_vmag10.22.pow (1000 -  $7500\mu hz$ )



SNR variation for top n% of data for spectrum\_17\_cams24\_vmag10.22.pow. Drowned by noise at 8.0%.



SNR vs Central Frequency for spectrum\_17\_cams24\_vmag10.41.pow (1000 -  $7500\mu hz$ )



SNR variation for top n% of data for spectrum\_17\_cams24\_vmag10.41.pow. Drowned by noise at 7.0%. SNR with increasing percentage 1.20 1.18 1.16 1.14 SNR 1.12 1.10 -1.08 1.06 20 40 60 80 100 0

Percent of data used

SNR vs Central Frequency for spectrum\_17\_cams24\_vmag8.93.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 6000 7000 5000 Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_17\_cams24\_vmag8.93.pow. Drowned by noise at 7.0%. 1.20 -SNR with increasing percentage 1.18 1.16 1.14 1.12 1.10 1.08 1.06

60

Percent of data used

80

100

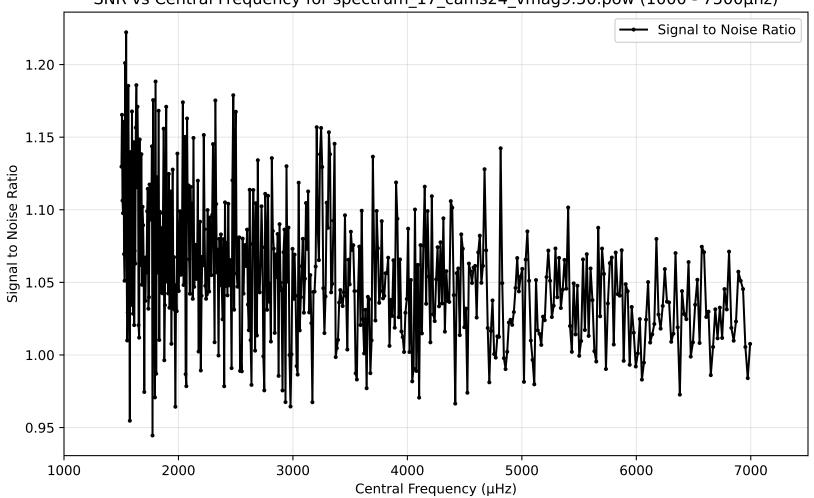
40

20

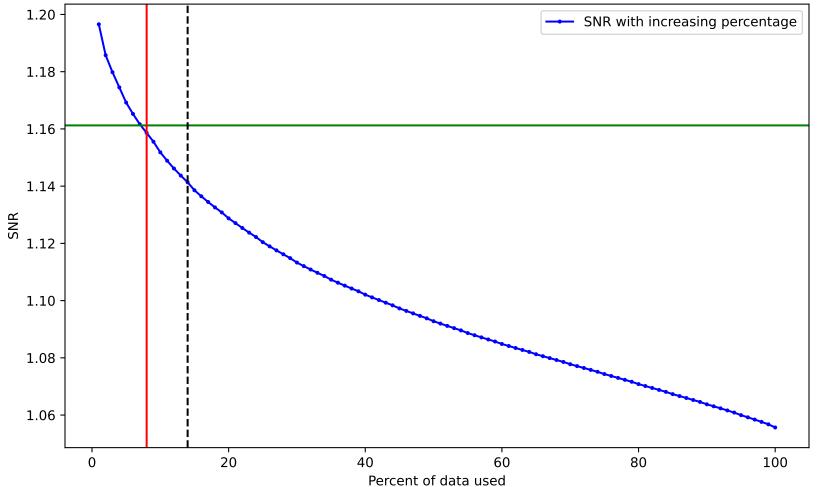
SNR

0

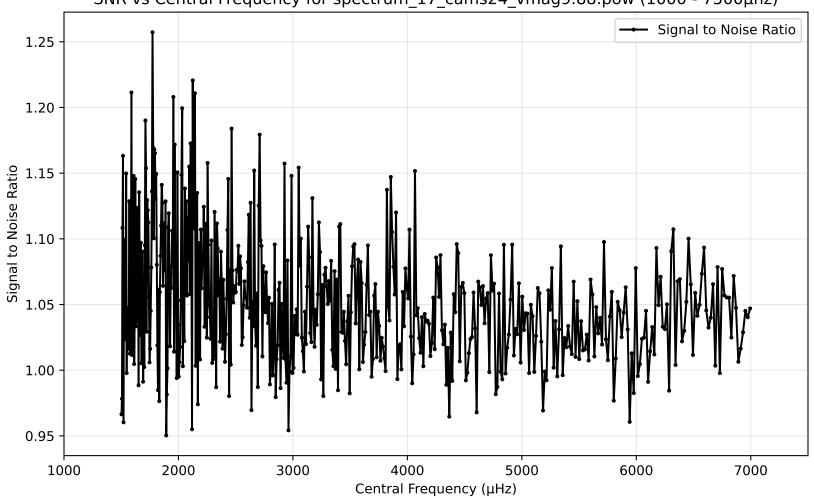
SNR vs Central Frequency for spectrum\_17\_cams24\_vmag9.50.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_17\_cams24\_vmag9.50.pow. Drowned by noise at 8.0%.

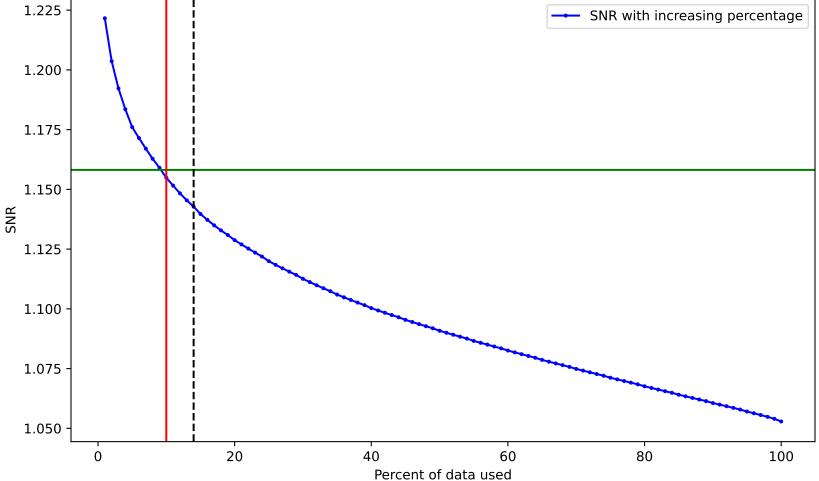


SNR vs Central Frequency for spectrum\_17\_cams24\_vmag9.88.pow (1000 - 7500µhz)

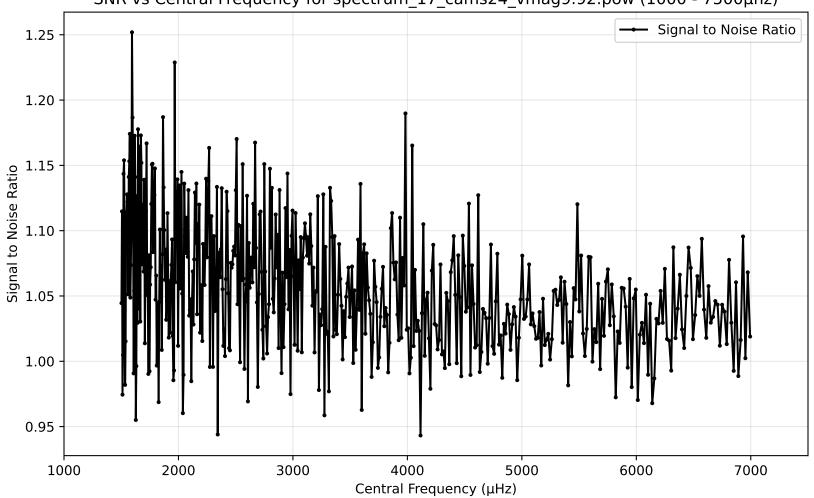


SNR variation for top n% of data for spectrum\_17\_cams24\_vmag9.88.pow. Drowned by noise at 10.0%.

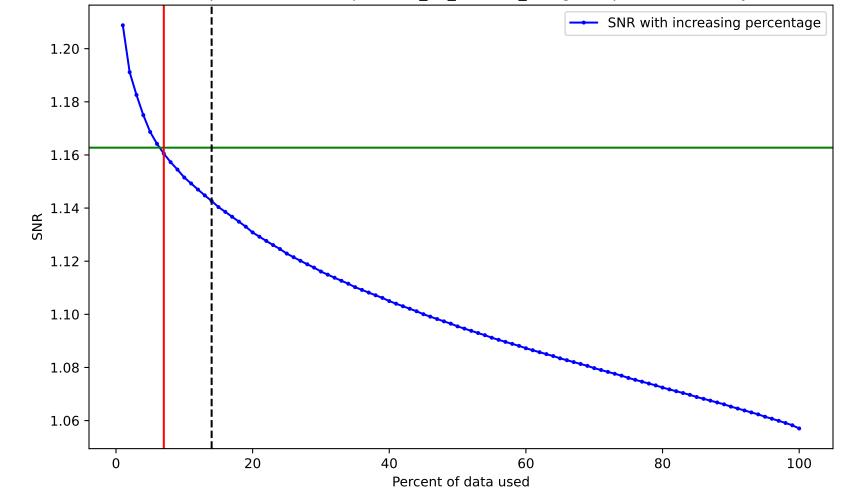
1.225 - SNR with increasing percentage



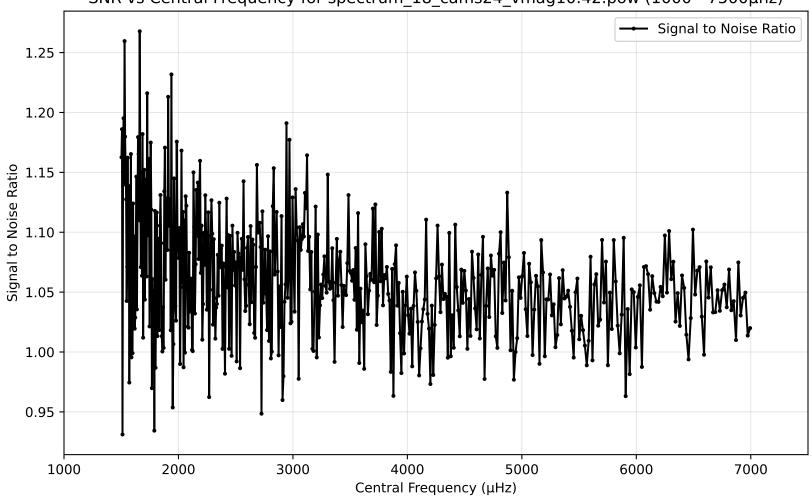
SNR vs Central Frequency for spectrum\_17\_cams24\_vmag9.92.pow (1000 - 7500µhz)



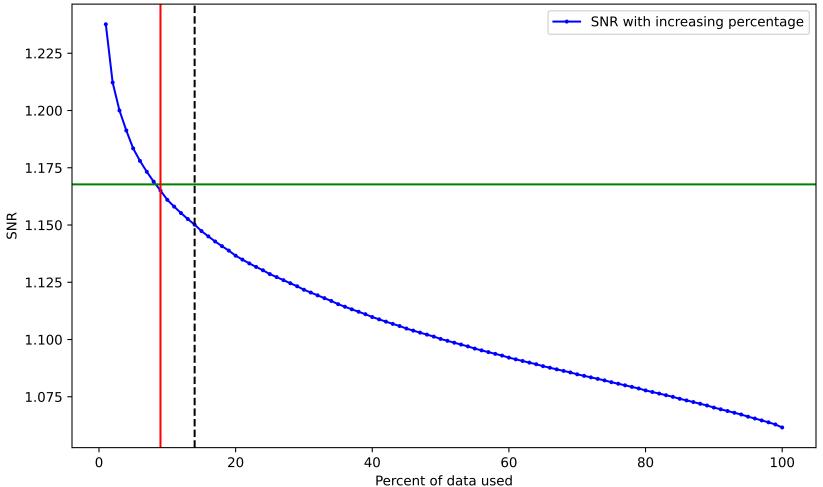
SNR variation for top n% of data for spectrum\_17\_cams24\_vmag9.92.pow. Drowned by noise at 7.0%.



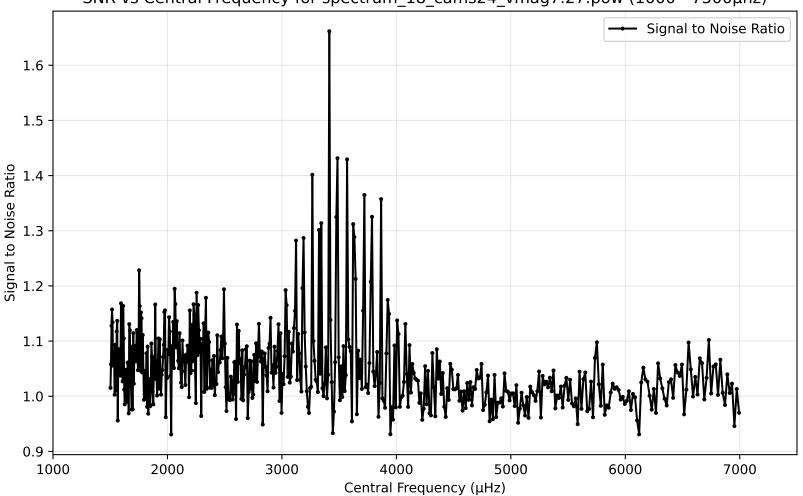
SNR vs Central Frequency for spectrum\_18\_cams24\_vmag10.42.pow (1000 - 7500µhz)



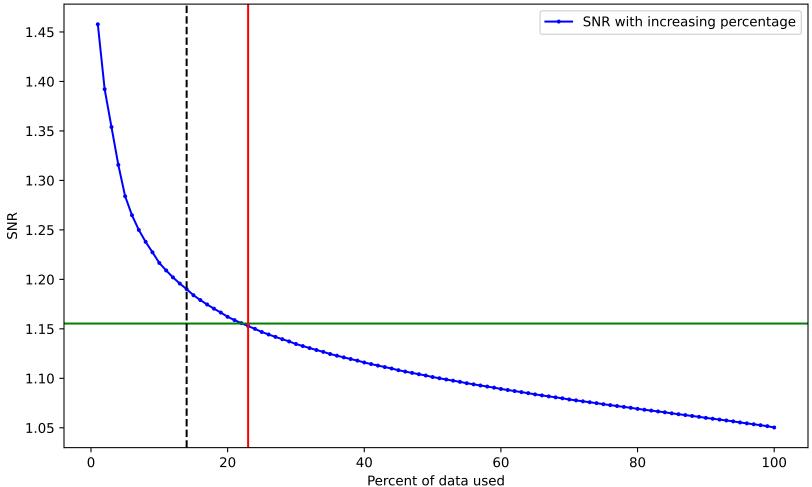
SNR variation for top n% of data for spectrum\_18\_cams24\_vmag10.42.pow. Drowned by noise at 9.0%.



SNR vs Central Frequency for spectrum\_18\_cams24\_vmag7.27.pow (1000 - 7500µhz)

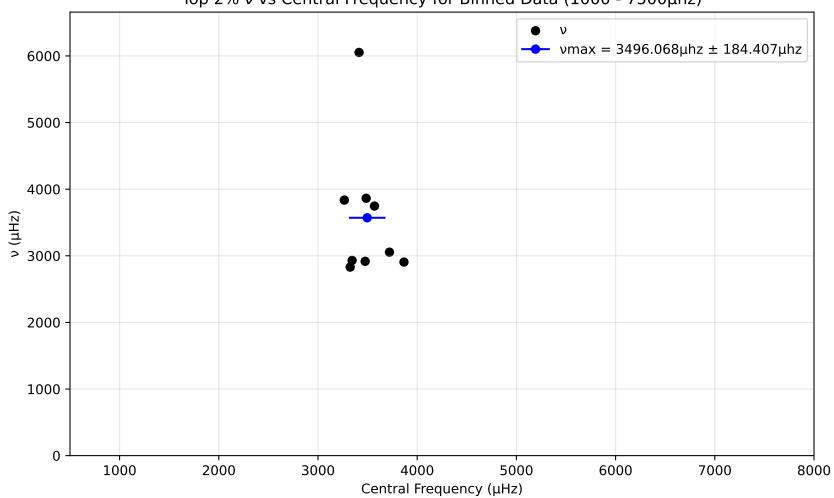


SNR variation for top n% of data for spectrum\_18\_cams24\_vmag7.27.pow. Drowned by noise at 23.0%.

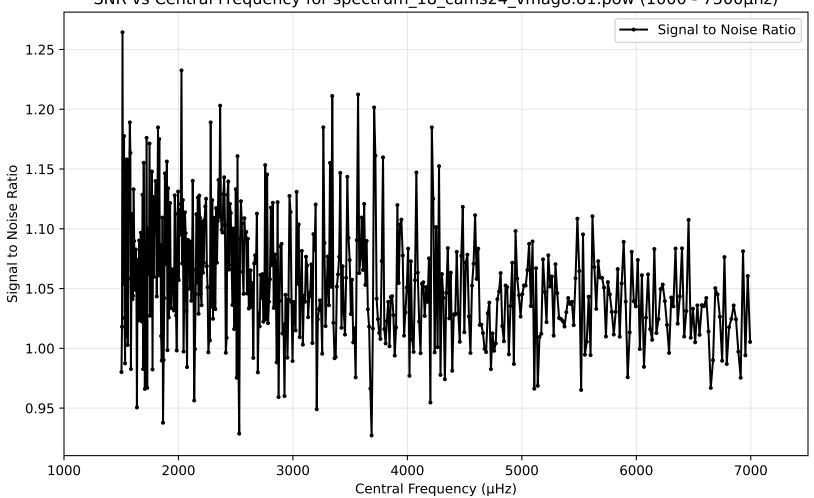


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_18\_cams24\_vmag8.81.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_18\_cams24\_vmag8.81.pow. Drowned by noise at 10.0%. SNR with increasing percentage 1.225 -1.200 1.175 1.150 -1.125 1.100 1.075

40

60

Percent of data used

80

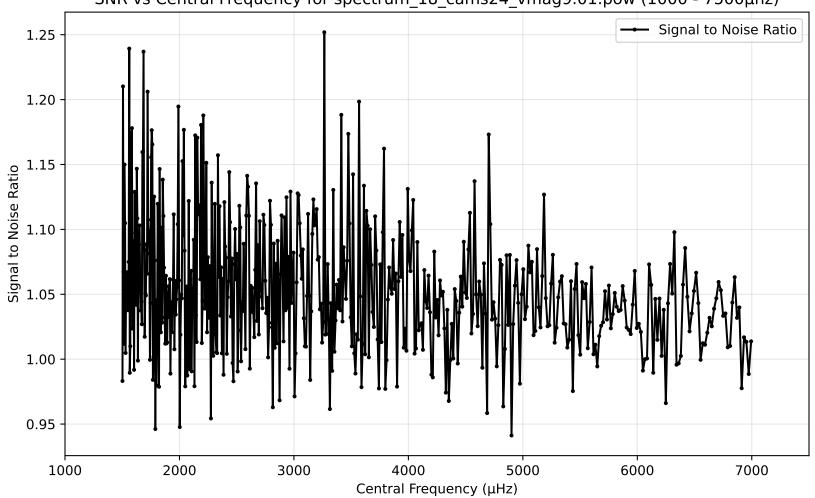
100

SNR

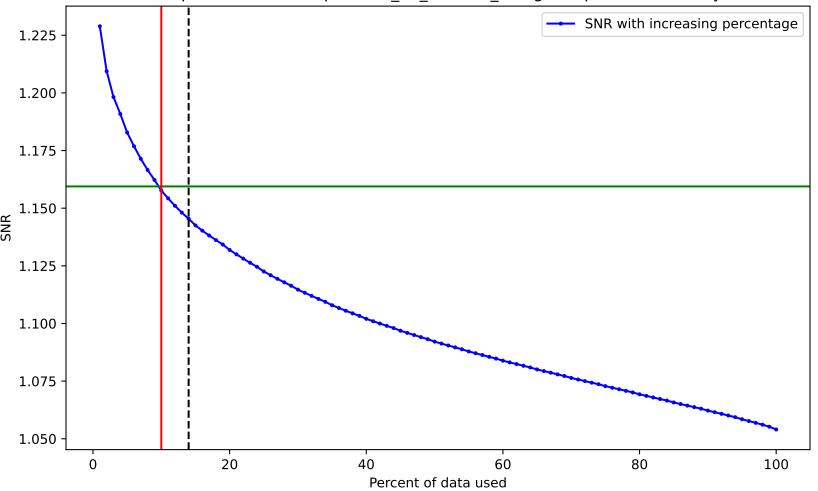
1.050 -

20

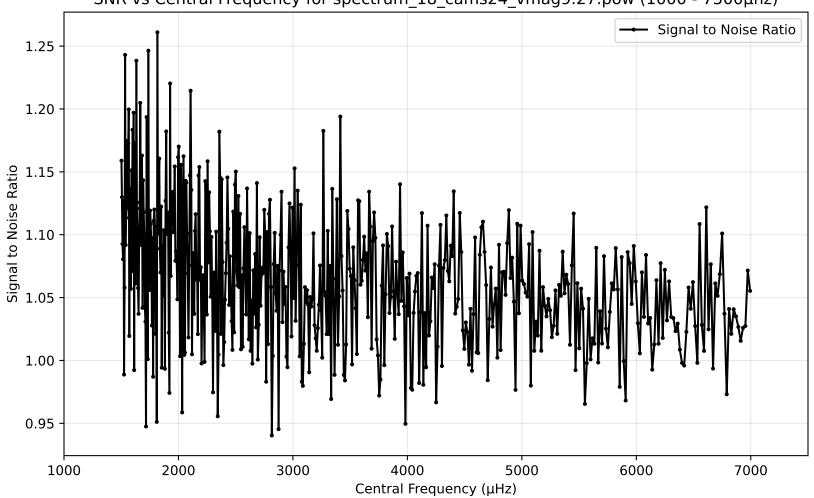
SNR vs Central Frequency for spectrum\_18\_cams24\_vmag9.01.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_18\_cams24\_vmag9.01.pow. Drowned by noise at 10.0%.



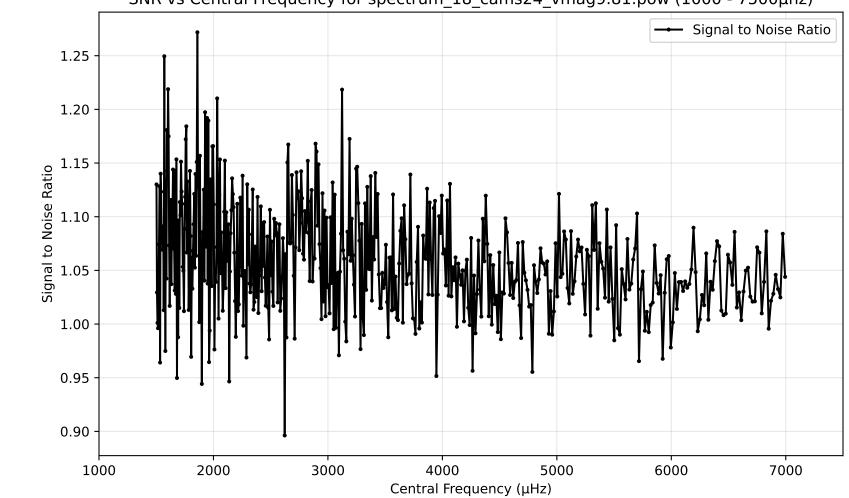
SNR vs Central Frequency for spectrum\_18\_cams24\_vmag9.27.pow (1000 - 7500µhz)



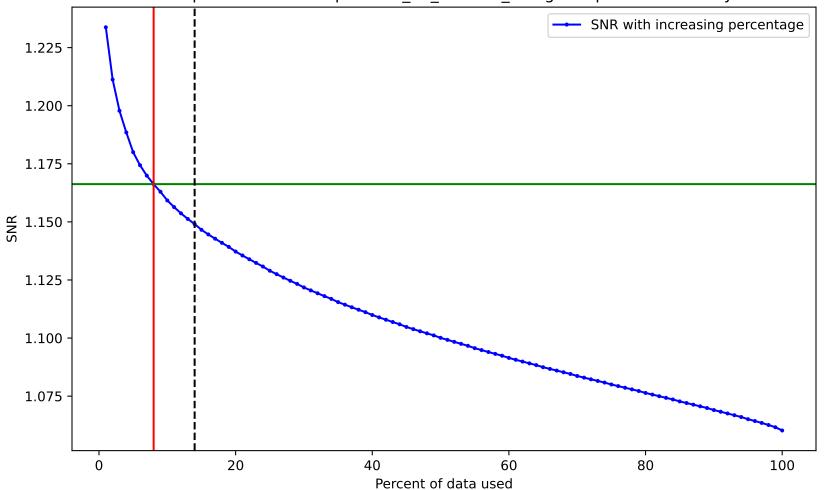
SNR variation for top n% of data for spectrum\_18\_cams24\_vmag9.27.pow. Drowned by noise at 9.0%. 1.250 -SNR with increasing percentage 1.225 1.200 1.175 -Y 1.150 1.125 1.100 1.075 20 40 60 80 100

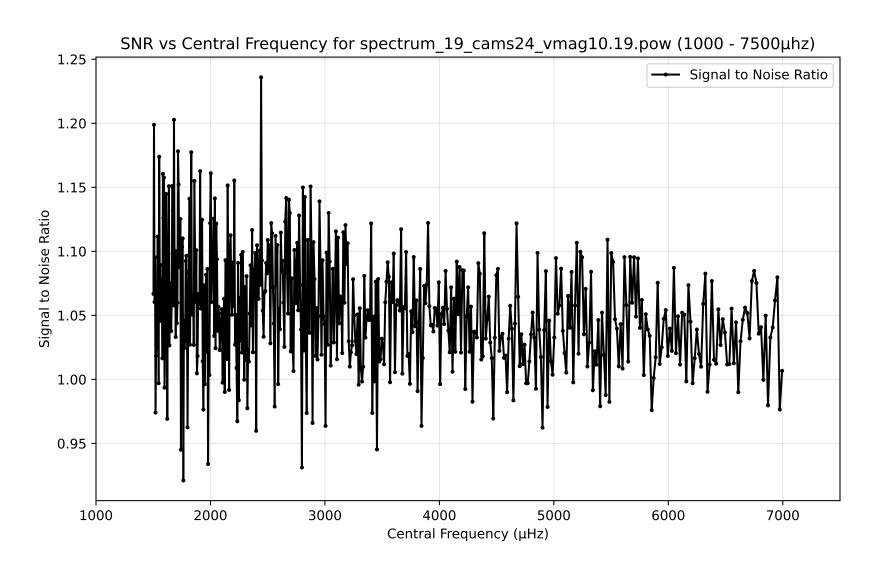
Percent of data used

SNR vs Central Frequency for spectrum\_18\_cams24\_vmag9.81.pow (1000 - 7500µhz)

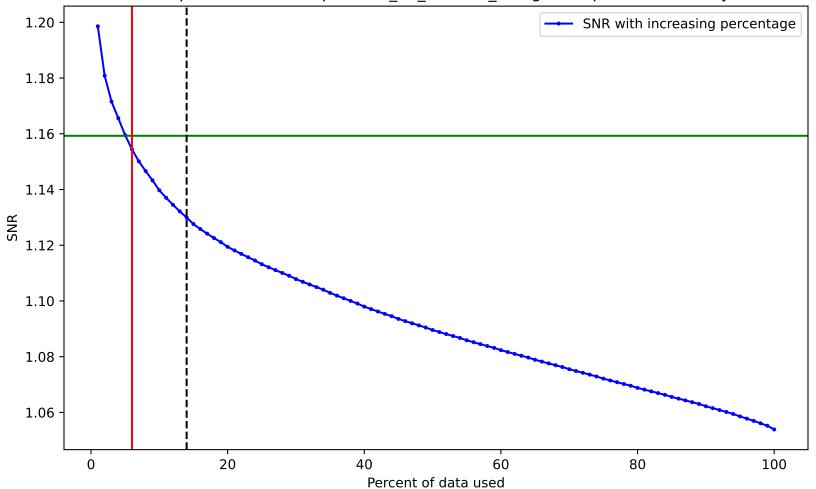


SNR variation for top n% of data for spectrum\_18\_cams24\_vmag9.81.pow. Drowned by noise at 8.0%.

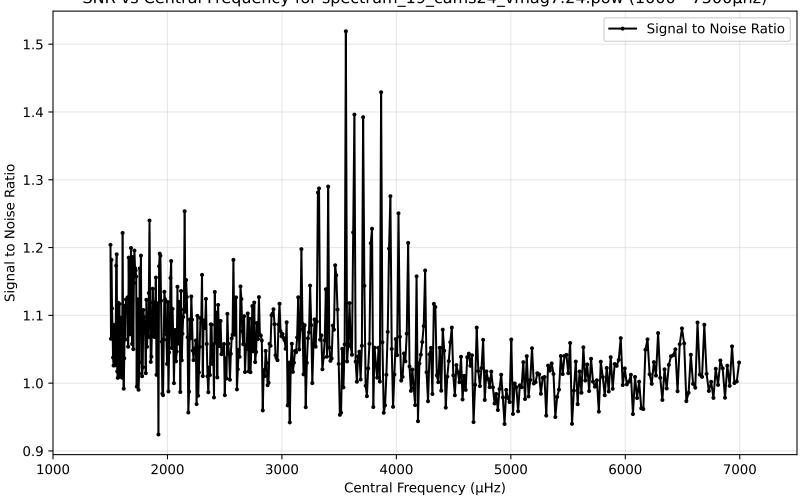




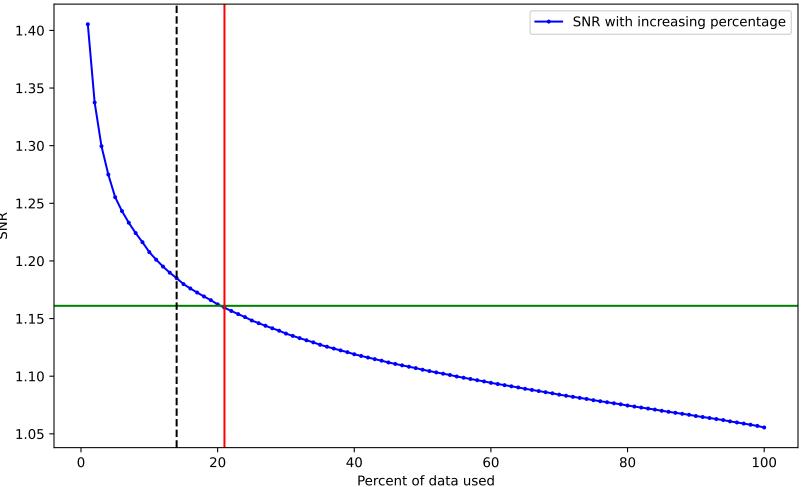
SNR variation for top n% of data for spectrum\_19\_cams24\_vmag10.19.pow. Drowned by noise at 6.0%.



SNR vs Central Frequency for spectrum\_19\_cams24\_vmag7.24.pow (1000 - 7500µhz)

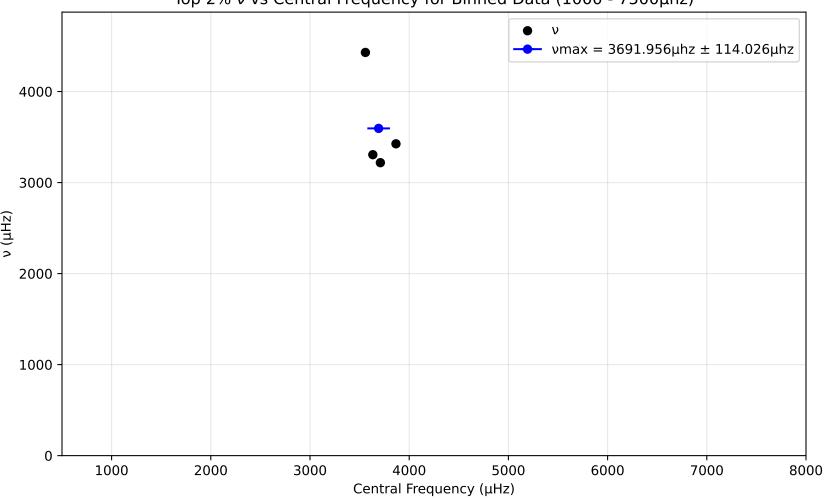


SNR variation for top n% of data for spectrum\_19\_cams24\_vmag7.24.pow. Drowned by noise at 21.0%.

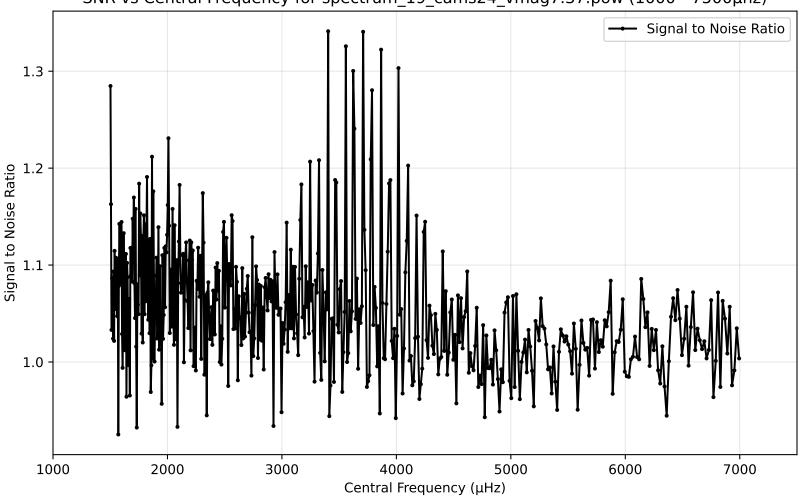


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

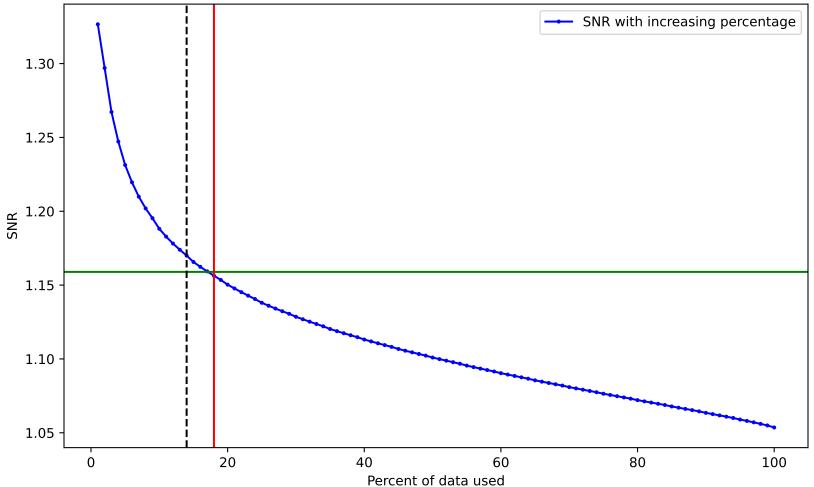
Top 2% v vs Central Frequency for Binned Data (1000 -  $7500\mu hz$ )



SNR vs Central Frequency for spectrum\_19\_cams24\_vmag7.37.pow (1000 - 7500µhz)

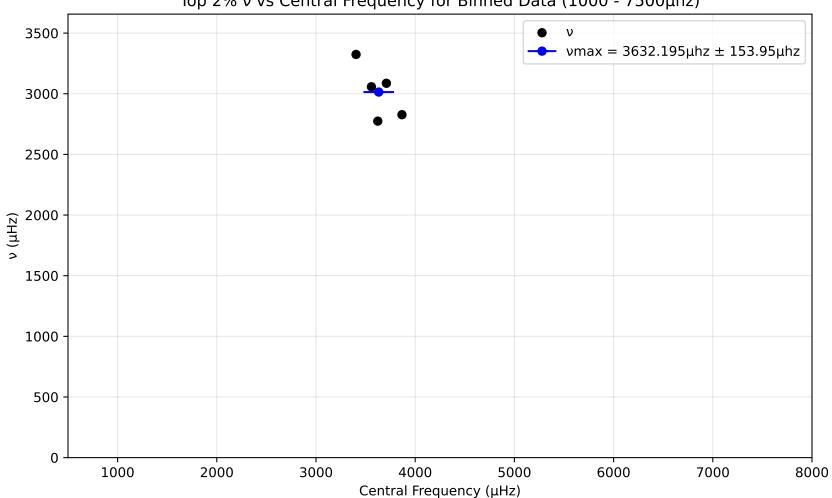


SNR variation for top n% of data for spectrum\_19\_cams24\_vmag7.37.pow. Drowned by noise at 18.0%.

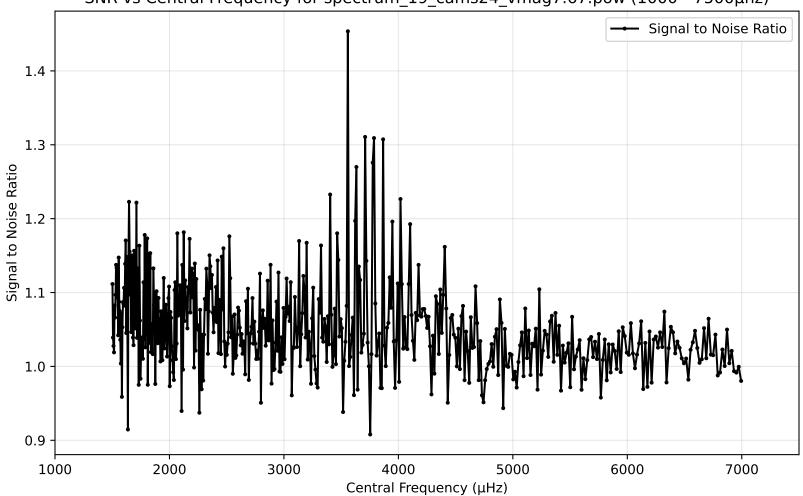


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

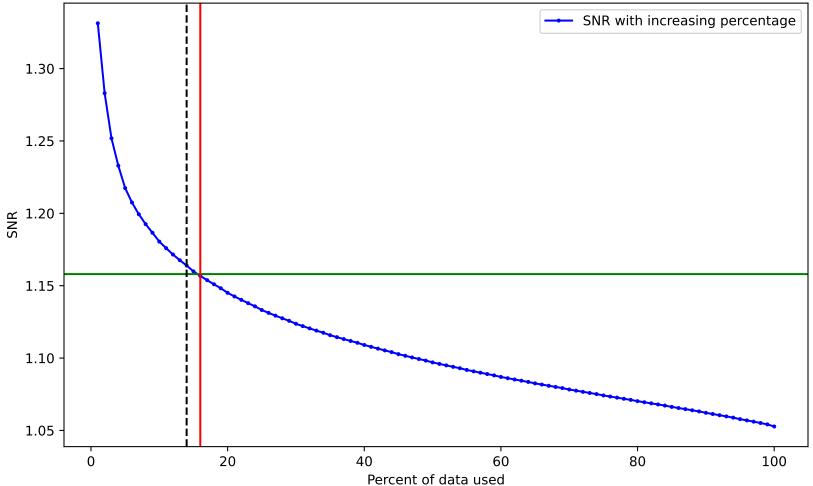
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_19\_cams24\_vmag7.67.pow (1000 - 7500µhz)

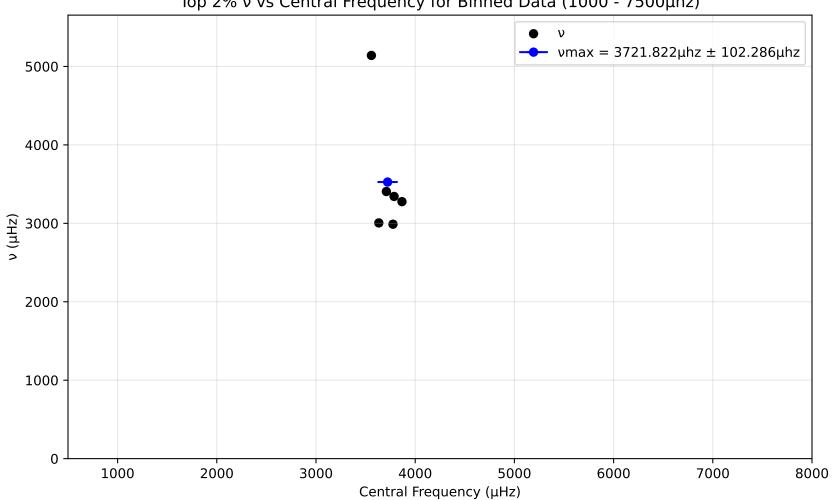


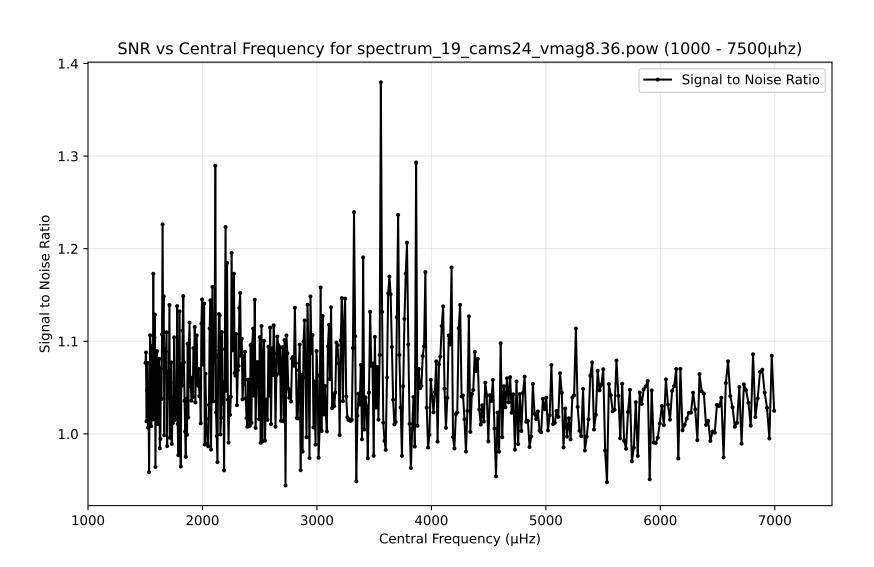
SNR variation for top n% of data for spectrum\_19\_cams24\_vmag7.67.pow. Drowned by noise at 16.0%.



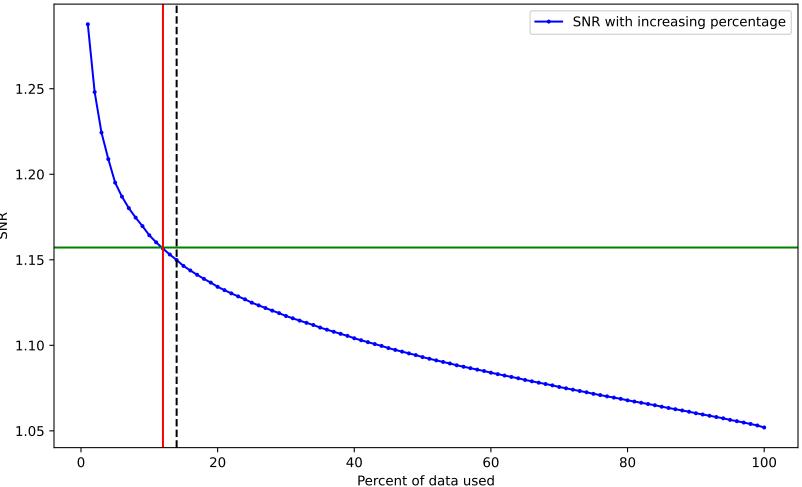
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)





SNR variation for top n% of data for spectrum\_19\_cams24\_vmag8.36.pow. Drowned by noise at 12.0%.



SNR vs Central Frequency for spectrum\_19\_cams24\_vmag9.82.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 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\_19\_cams24\_vmag9.82.pow. Drowned by noise at 7.0%. 1.20 -SNR with increasing percentage 1.18 -1.16 1.14 1.12 1.10 1.08 1.06

60

Percent of data used

80

100

40

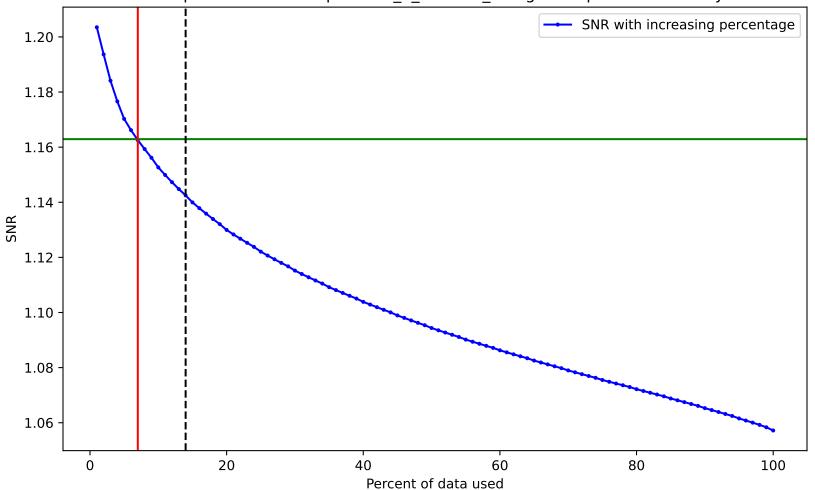
20

SNR

0

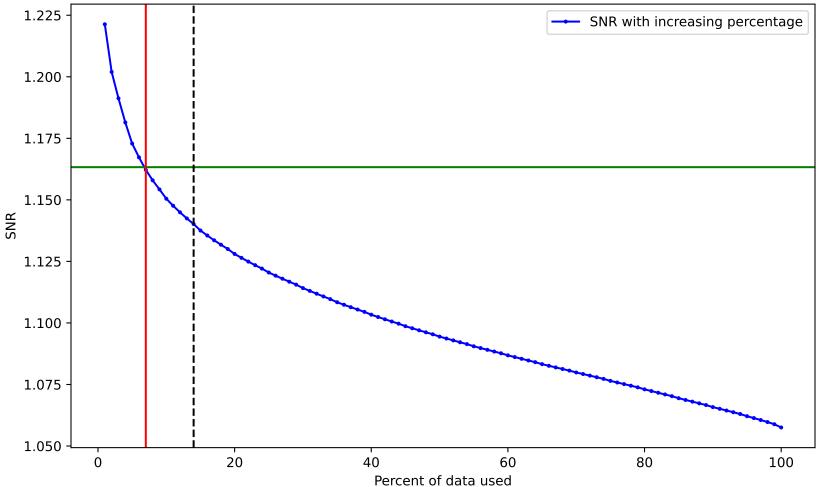
SNR vs Central Frequency for spectrum\_1\_cams24\_vmag10.30.pow (1000 - 7500µhz) Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.10 -1.00 0.95 1000 2000 3000 4000 5000 6000 7000

SNR variation for top n% of data for spectrum\_1\_cams24\_vmag10.30.pow. Drowned by noise at 7.0%.

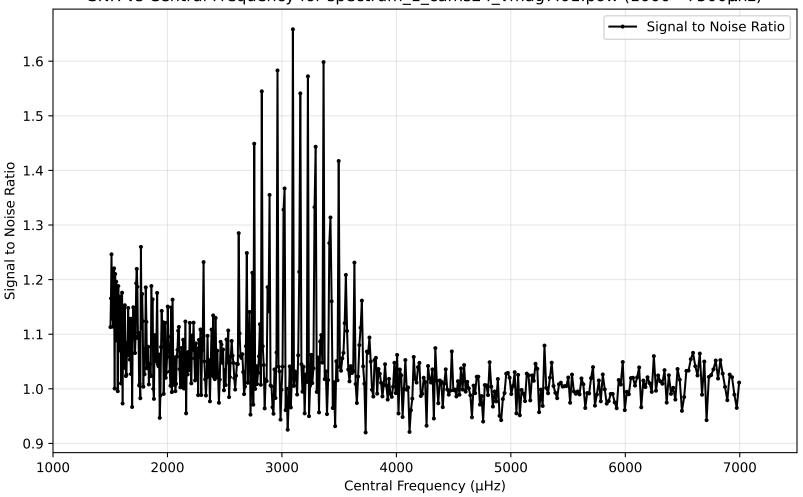


SNR vs Central Frequency for spectrum\_1\_cams24\_vmag10.33.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.10 1.05 1.00 0.95 0.90 1000 2000 3000 4000 5000 6000 7000 Central Frequency (µHz)

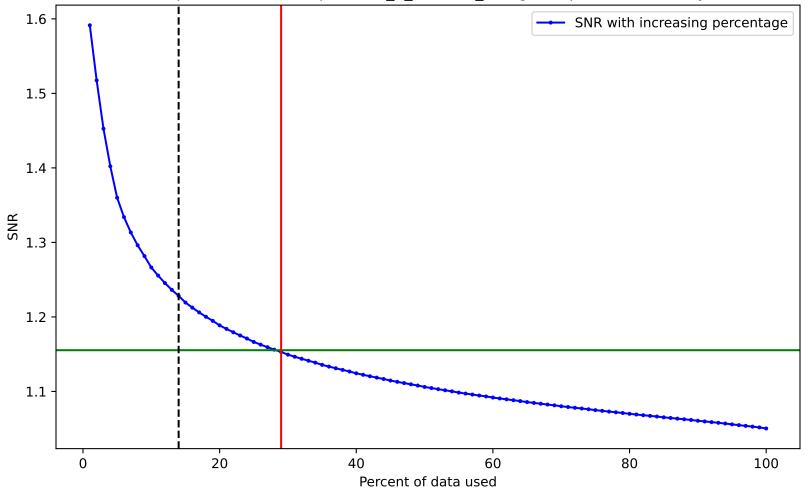
SNR variation for top n% of data for spectrum\_1\_cams24\_vmag10.33.pow. Drowned by noise at 7.0%.



SNR vs Central Frequency for spectrum\_1\_cams24\_vmag7.01.pow (1000 - 7500µhz)

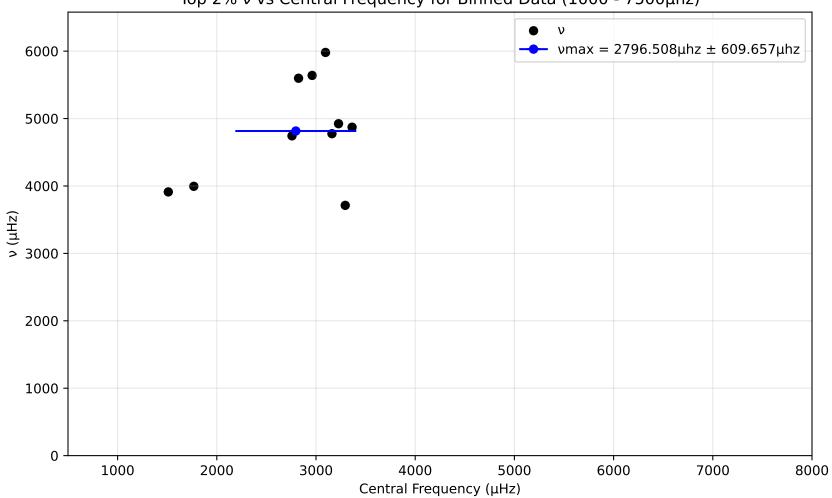


SNR variation for top n% of data for spectrum\_1\_cams24\_vmag7.01.pow. Drowned by noise at 29.0%.

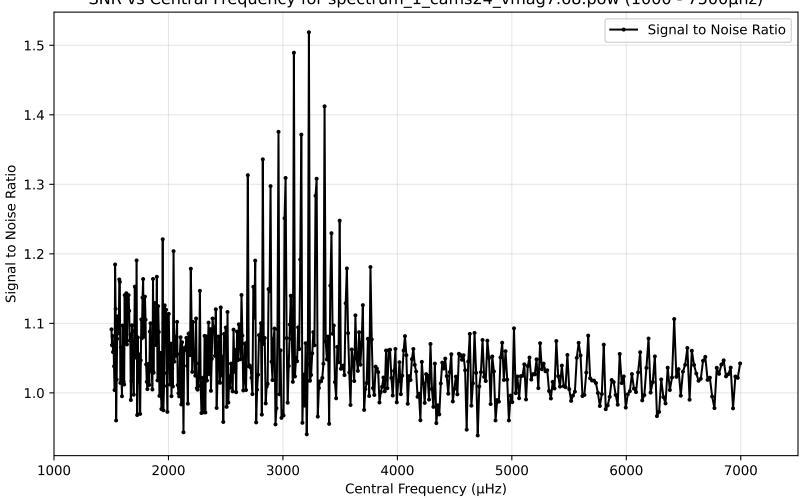


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_1\_cams24\_vmag7.68.pow (1000 - 7500µhz)

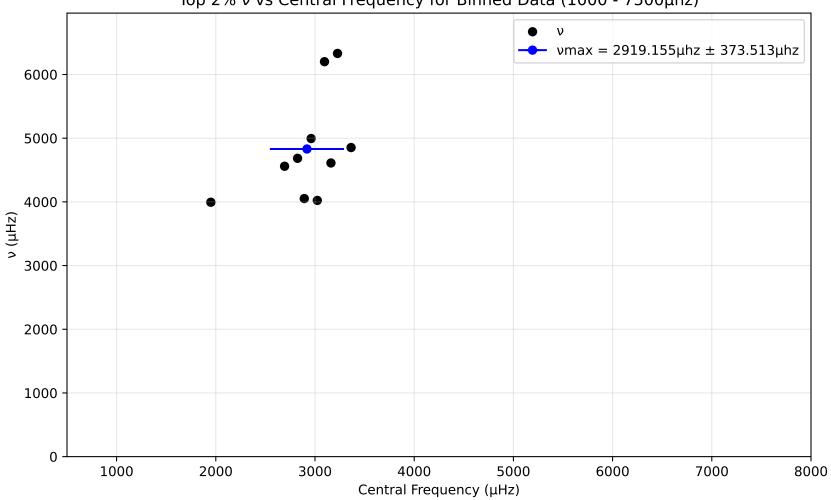


SNR variation for top n% of data for spectrum\_1\_cams24\_vmag7.68.pow. Drowned by noise at 19.0%. 1.45 SNR with increasing percentage 1.40 1.35 1.30 -¥ 1.25 -1.20 1.15 1.10 1.05 20 40 60 80 100

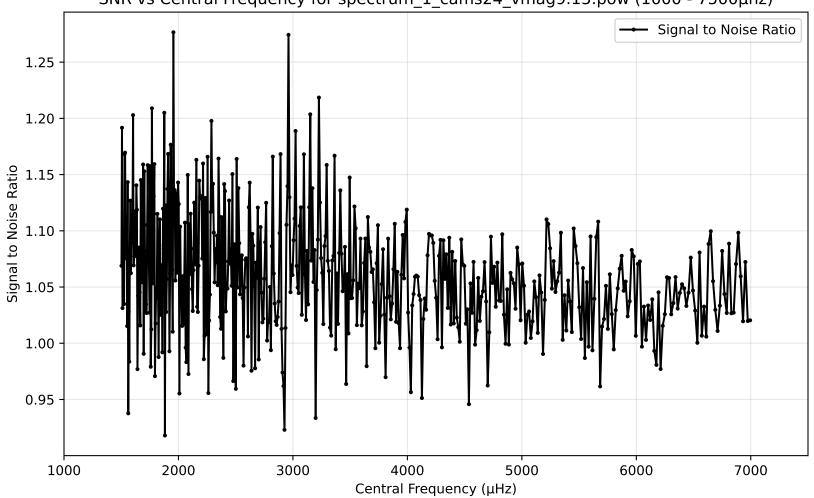
Percent of data used

ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 -

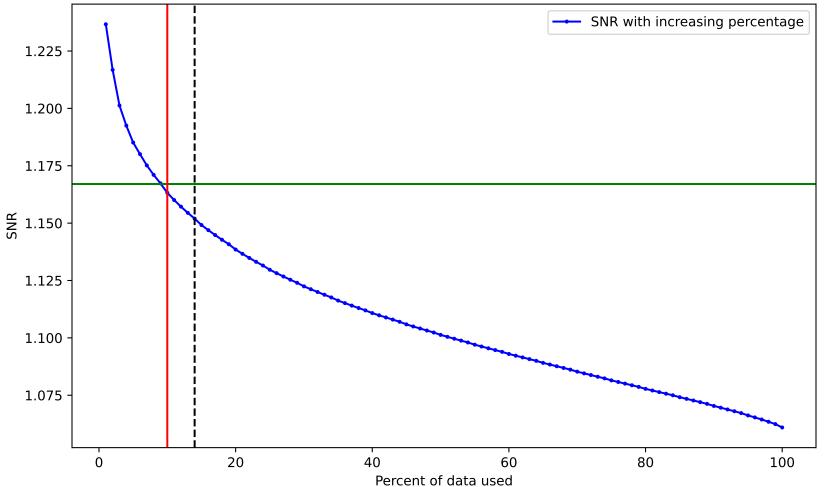
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



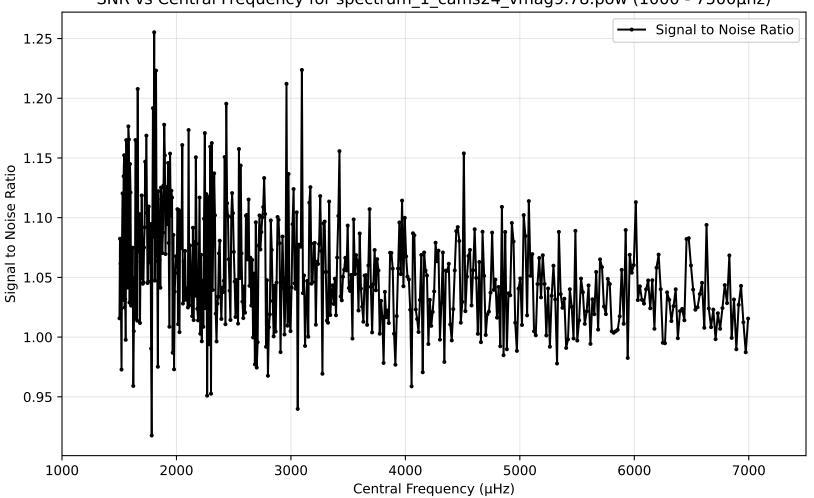
SNR vs Central Frequency for spectrum\_1\_cams24\_vmag9.15.pow (1000 - 7500µhz)



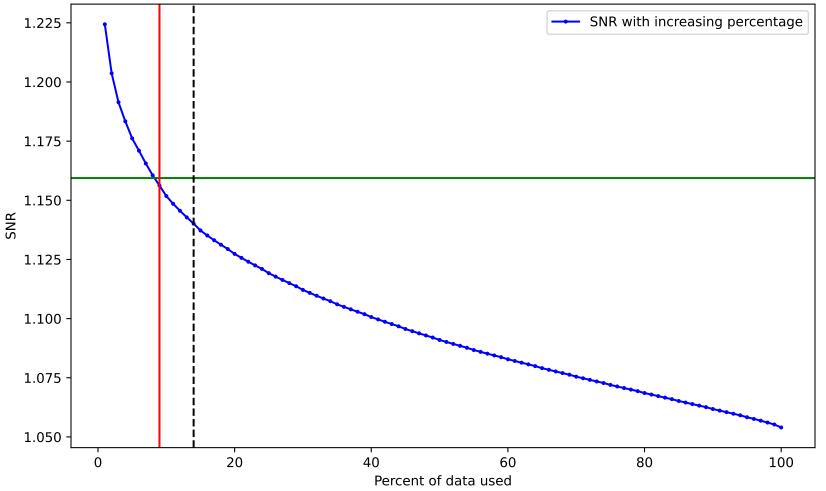
SNR variation for top n% of data for spectrum\_1\_cams24\_vmag9.15.pow. Drowned by noise at 10.0%.



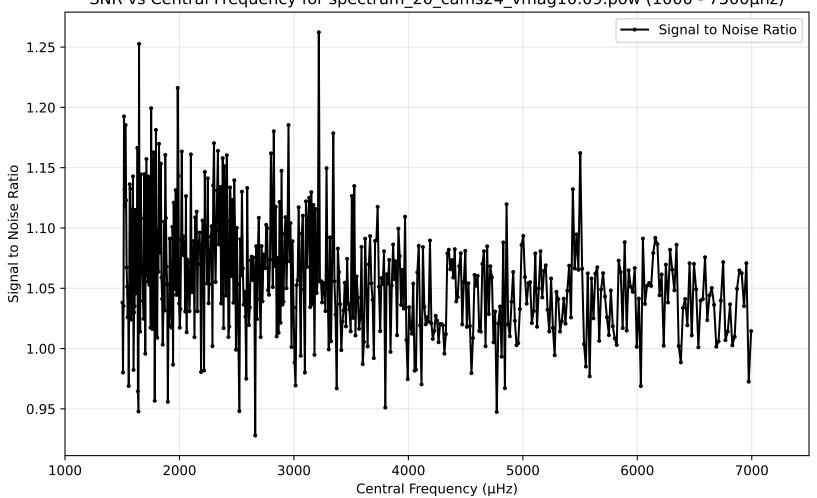
SNR vs Central Frequency for spectrum\_1\_cams24\_vmag9.78.pow (1000 - 7500µhz)



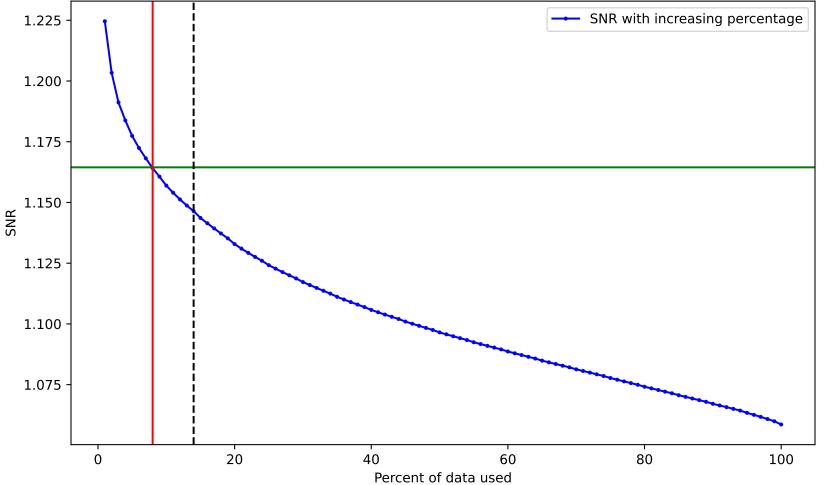
SNR variation for top n% of data for spectrum\_1\_cams24\_vmag9.78.pow. Drowned by noise at 9.0%.



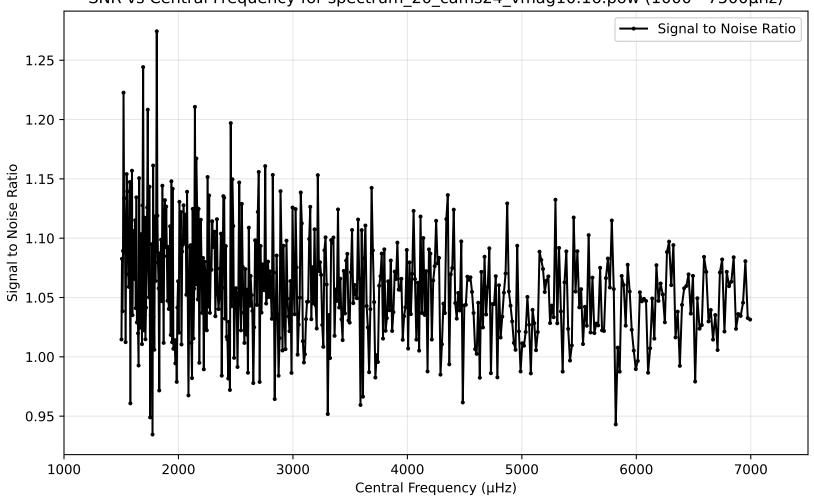
SNR vs Central Frequency for spectrum\_20\_cams24\_vmag10.09.pow (1000 - 7500µhz)



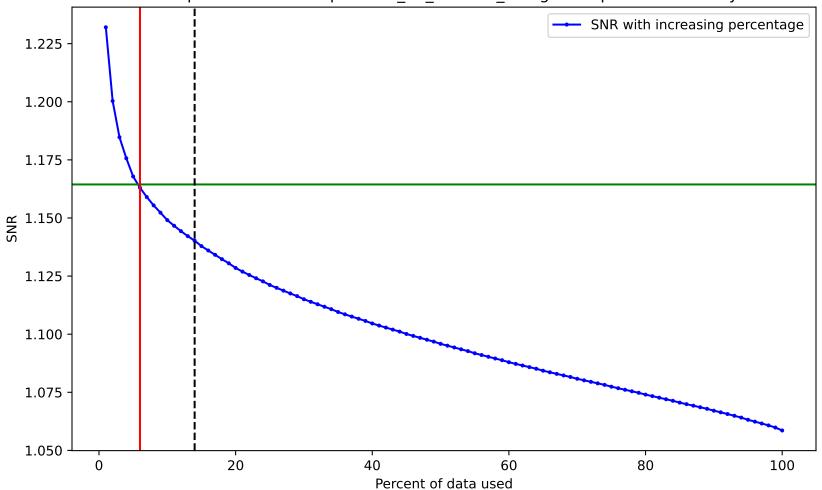
SNR variation for top n% of data for spectrum\_20\_cams24\_vmag10.09.pow. Drowned by noise at 8.0%.



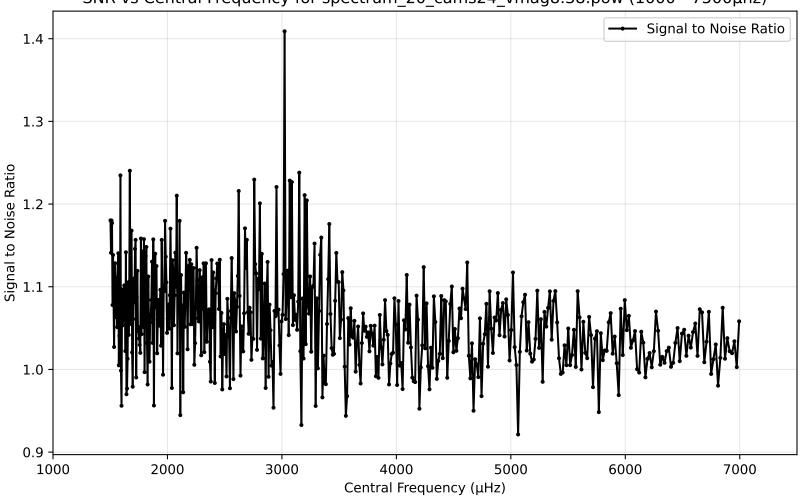
SNR vs Central Frequency for spectrum\_20\_cams24\_vmag10.16.pow (1000 - 7500µhz)



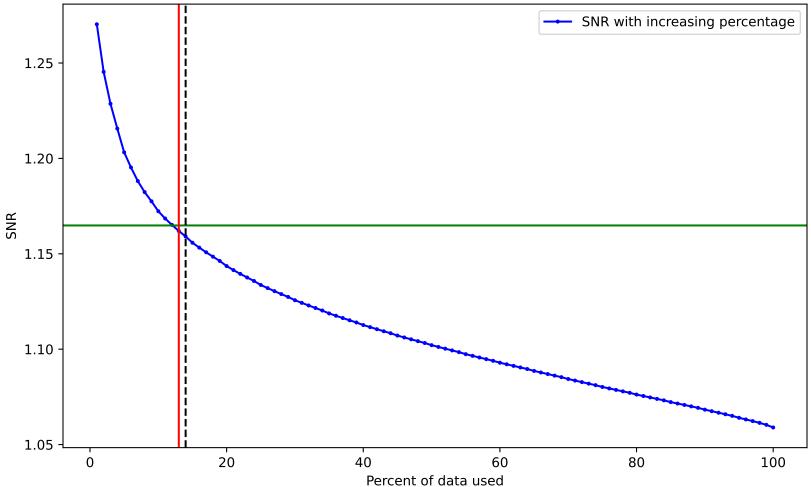
SNR variation for top n% of data for spectrum\_20\_cams24\_vmag10.16.pow. Drowned by noise at 6.0%.



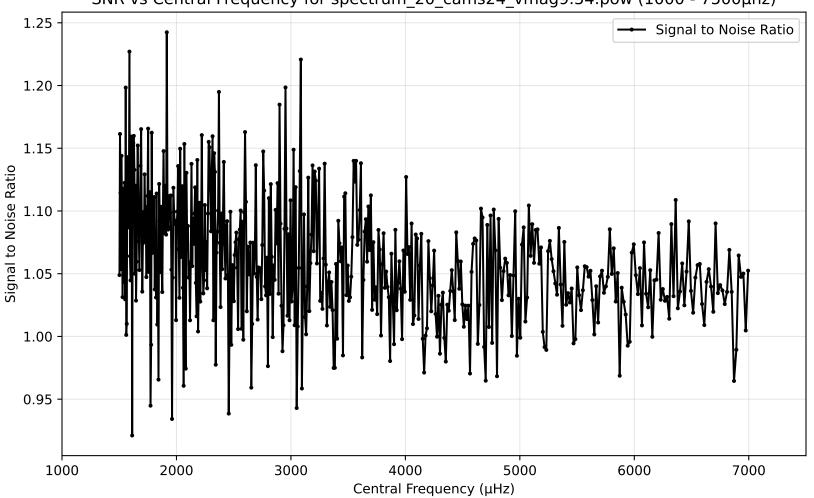
SNR vs Central Frequency for spectrum\_20\_cams24\_vmag8.38.pow (1000 -  $7500\mu hz$ )



SNR variation for top n% of data for spectrum\_20\_cams24\_vmag8.38.pow. Drowned by noise at 13.0%.



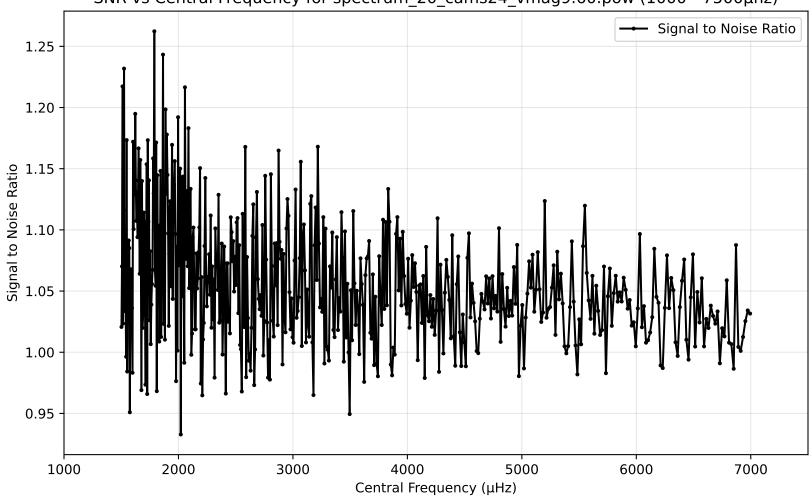
SNR vs Central Frequency for spectrum\_20\_cams24\_vmag9.54.pow (1000 - 7500µhz)



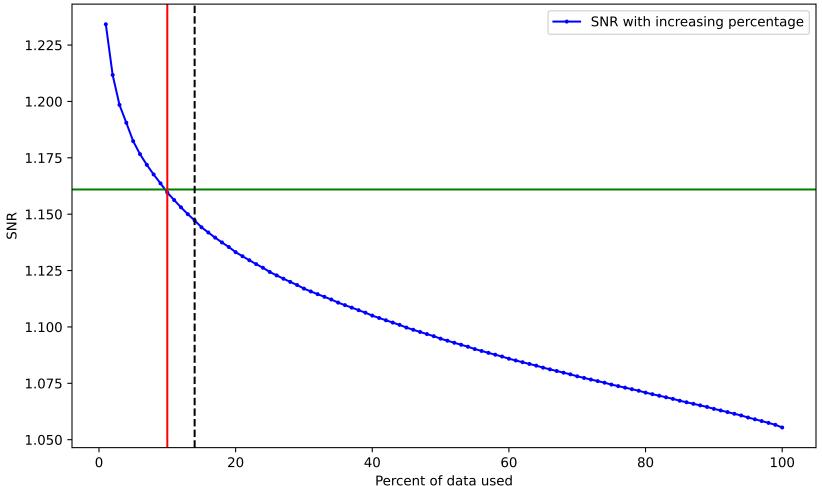
SNR variation for top n% of data for spectrum\_20\_cams24\_vmag9.54.pow. Drowned by noise at 6.0%. 1.22 SNR with increasing percentage 1.20 1.18 1.16 -K 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

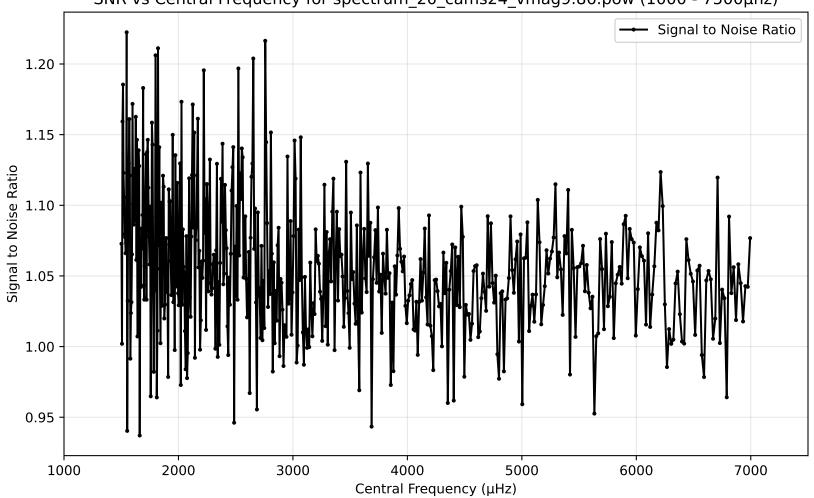
SNR vs Central Frequency for spectrum\_20\_cams24\_vmag9.60.pow (1000 - 7500µhz)



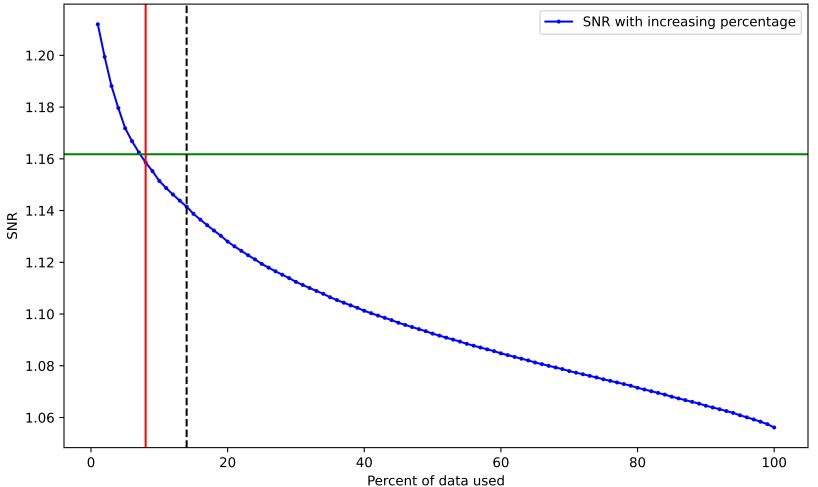
SNR variation for top n% of data for spectrum\_20\_cams24\_vmag9.60.pow. Drowned by noise at 10.0%.



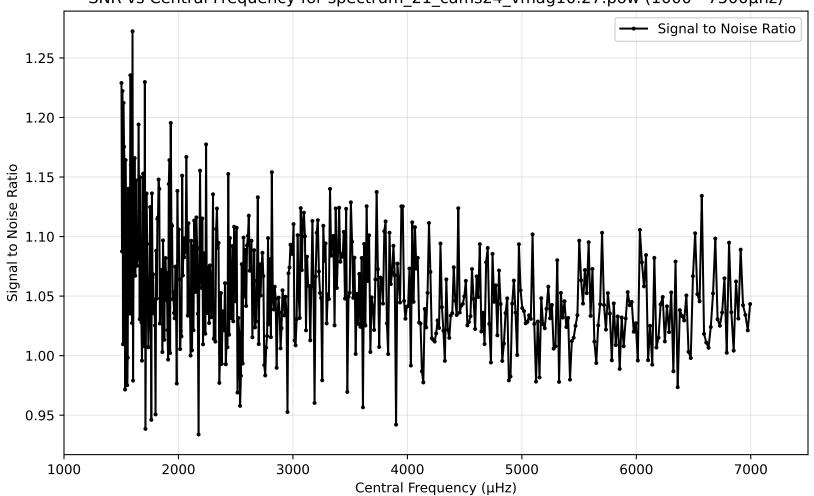
SNR vs Central Frequency for spectrum\_20\_cams24\_vmag9.86.pow (1000 - 7500µhz)



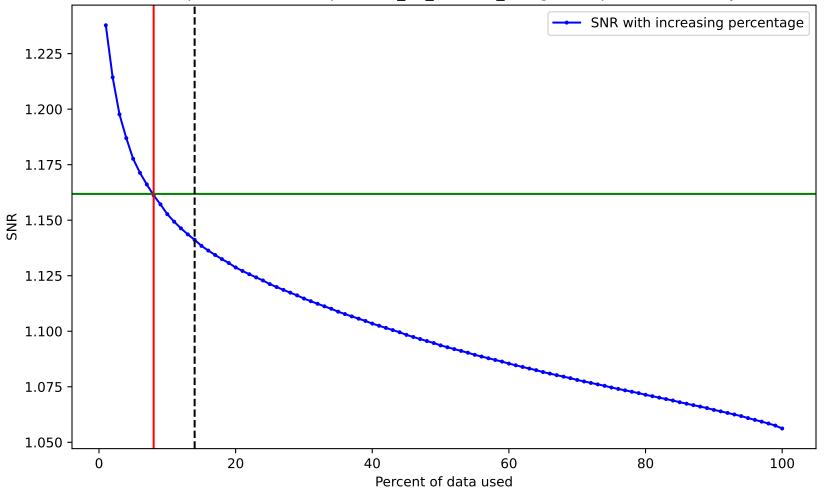
SNR variation for top n% of data for spectrum\_20\_cams24\_vmag9.86.pow. Drowned by noise at 8.0%.



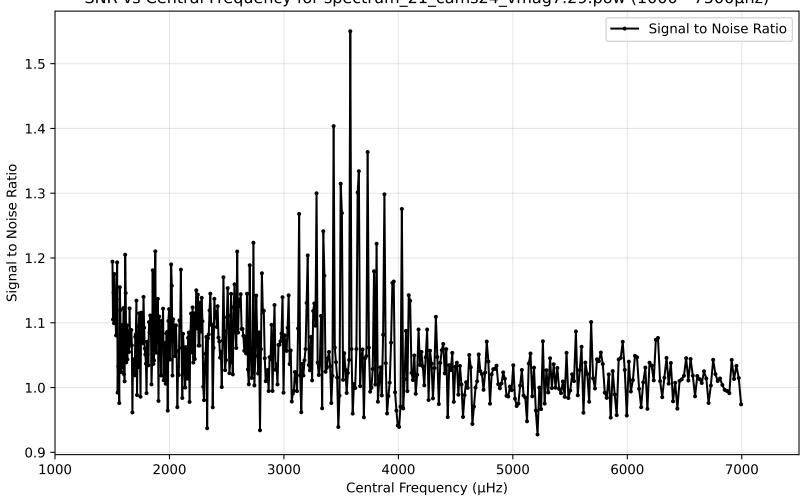
SNR vs Central Frequency for spectrum\_21\_cams24\_vmag10.27.pow (1000 - 7500µhz)



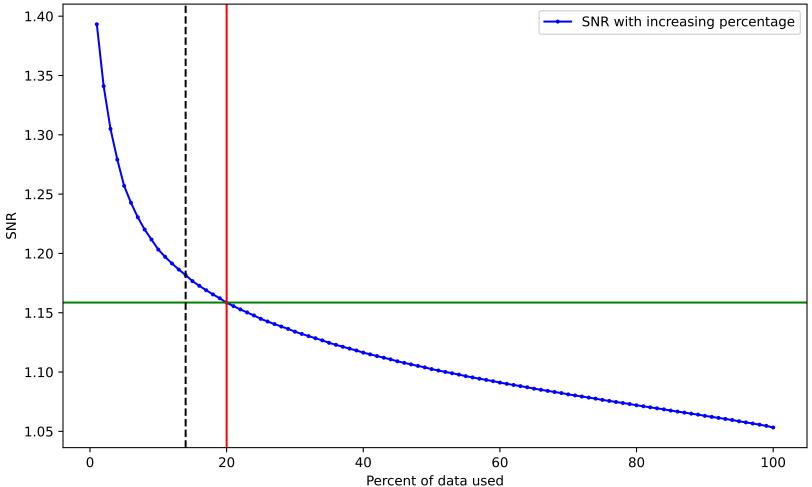
SNR variation for top n% of data for spectrum\_21\_cams24\_vmag10.27.pow. Drowned by noise at 8.0%.



SNR vs Central Frequency for spectrum\_21\_cams24\_vmag7.29.pow (1000 - 7500µhz)

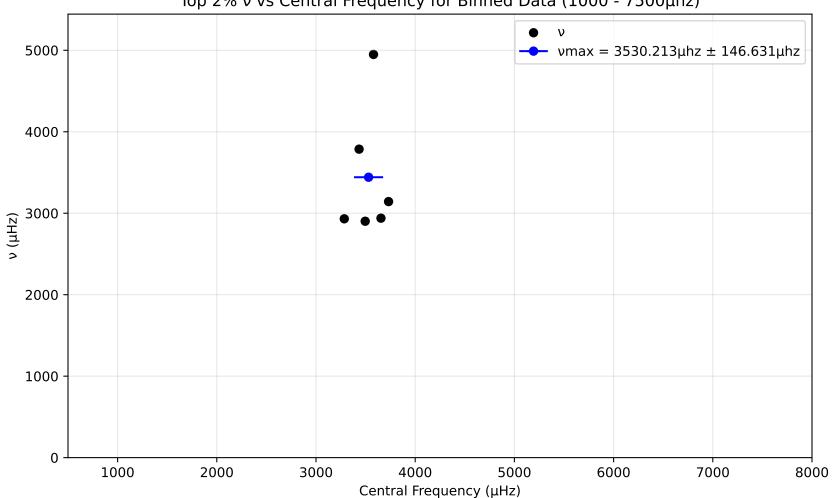


SNR variation for top n% of data for spectrum\_21\_cams24\_vmag7.29.pow. Drowned by noise at 20.0%.

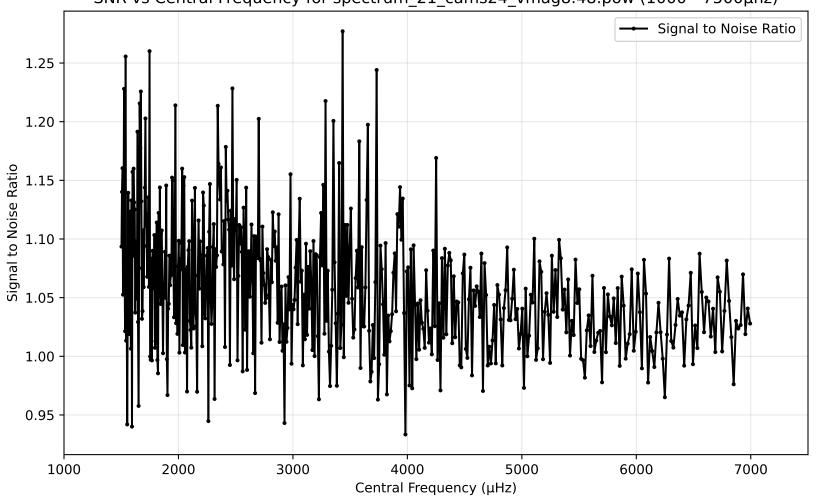


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

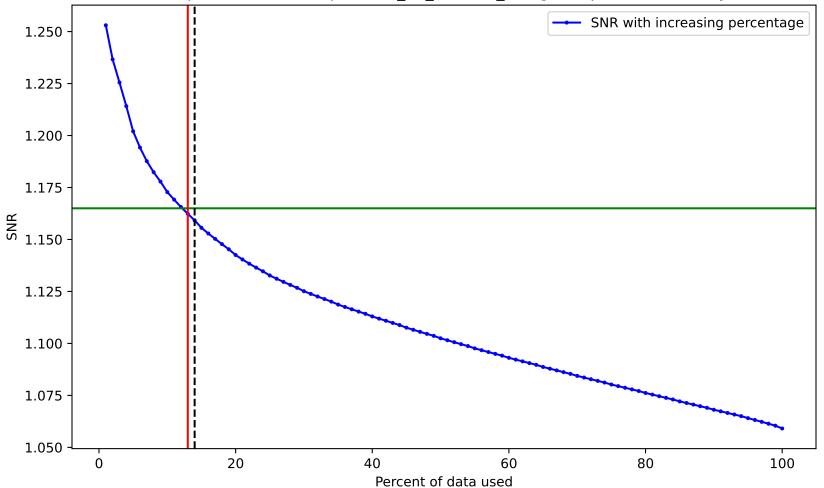
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



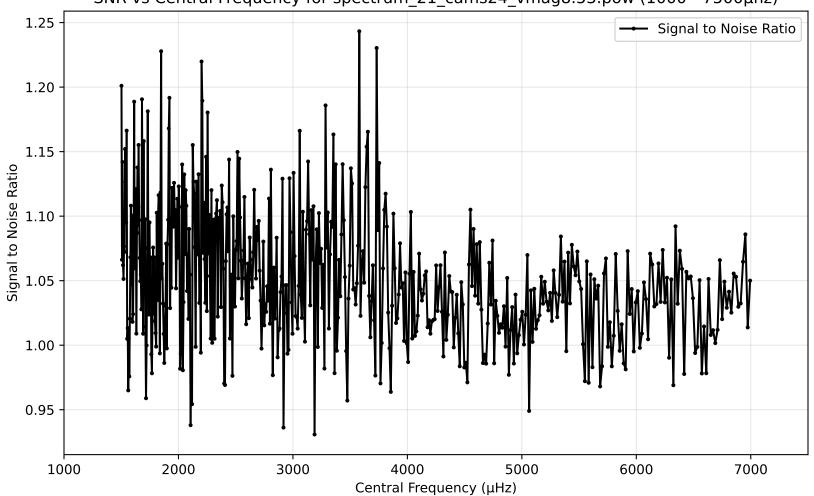
SNR vs Central Frequency for spectrum\_21\_cams24\_vmag8.48.pow (1000 - 7500µhz)



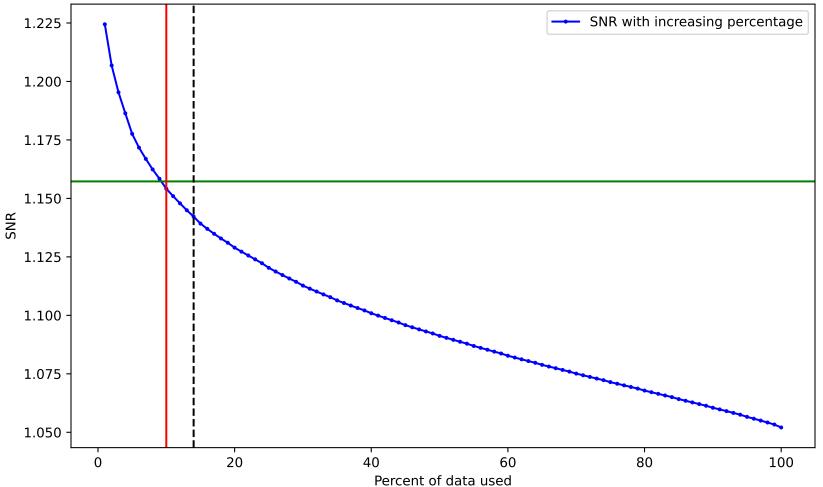
SNR variation for top n% of data for spectrum\_21\_cams24\_vmag8.48.pow. Drowned by noise at 13.0%.



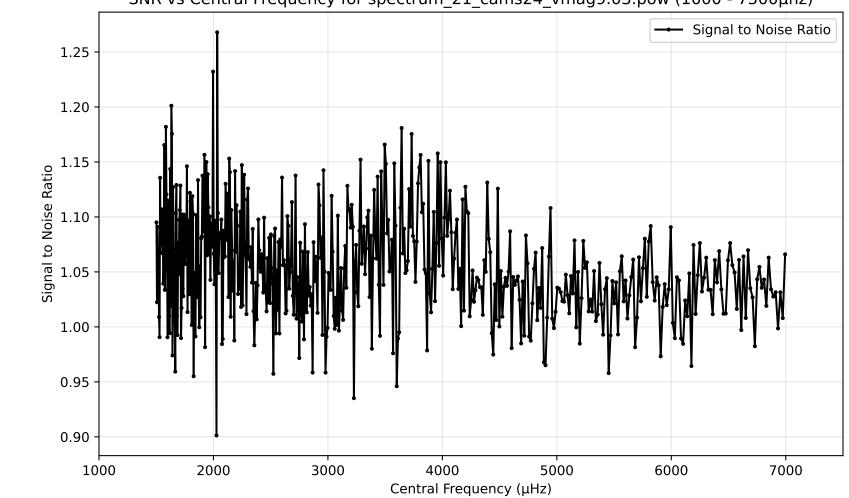
SNR vs Central Frequency for spectrum\_21\_cams24\_vmag8.53.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_21\_cams24\_vmag8.53.pow. Drowned by noise at 10.0%.

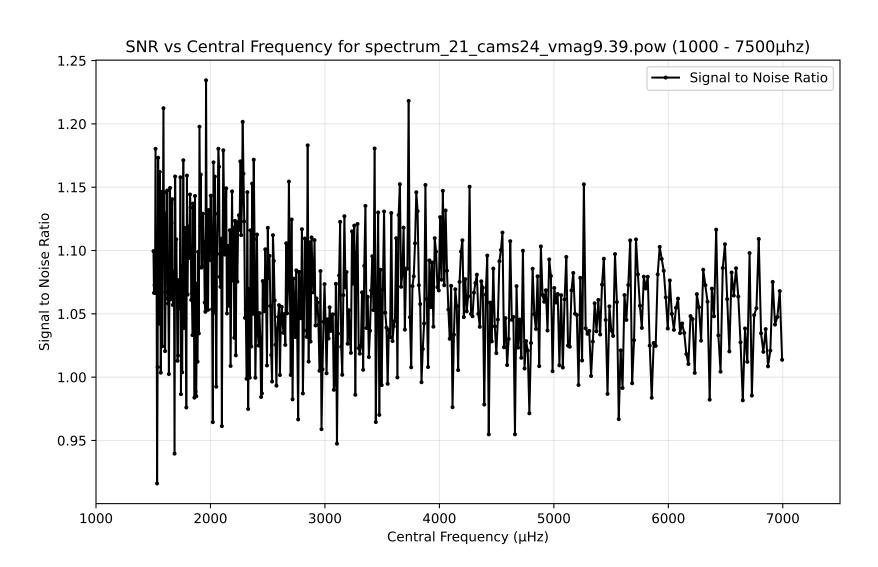


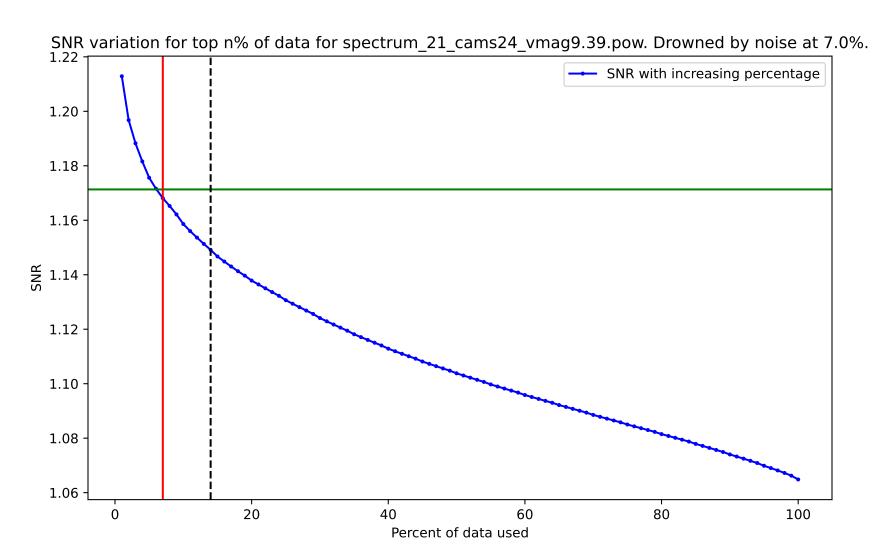
SNR vs Central Frequency for spectrum\_21\_cams24\_vmag9.03.pow (1000 - 7500µhz)



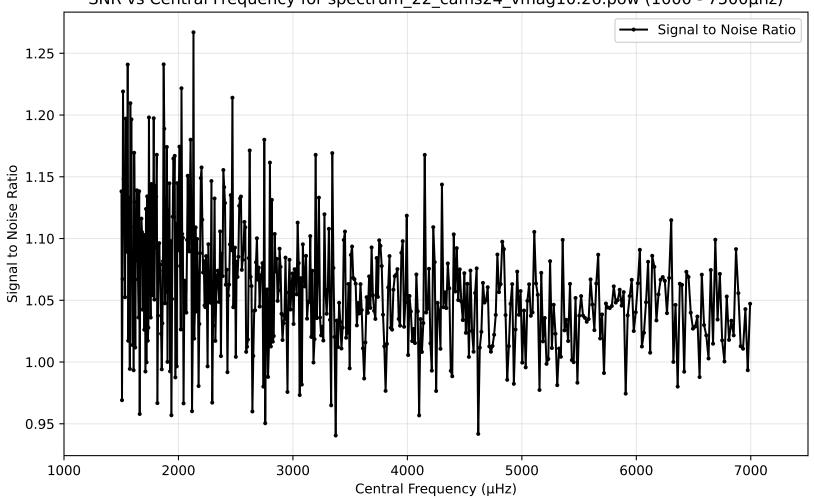
SNR variation for top n% of data for spectrum\_21\_cams24\_vmag9.03.pow. Drowned by noise at 7.0%. 1.22 SNR with increasing percentage 1.20 1.18 1.16 NS 1.14 -1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

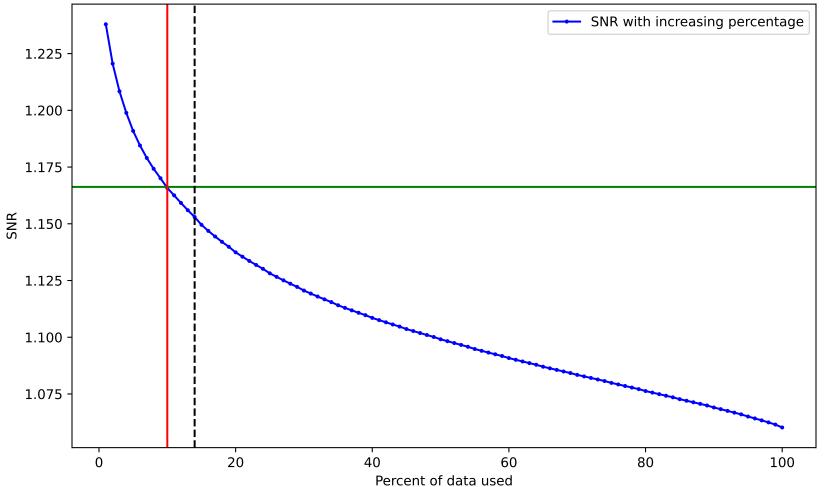




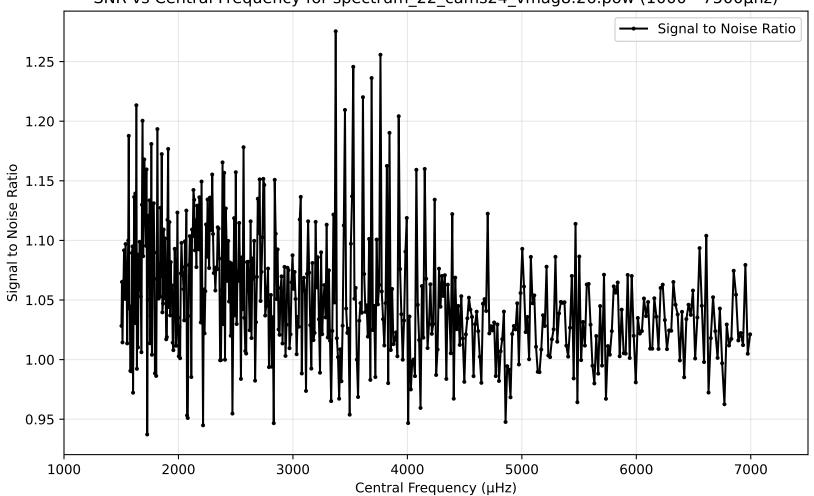
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag10.26.pow (1000 - 7500µhz)



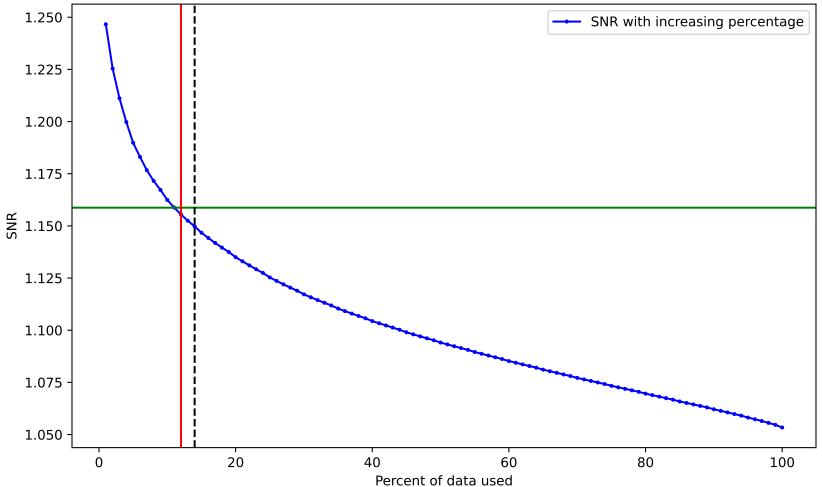
SNR variation for top n% of data for spectrum\_22\_cams24\_vmag10.26.pow. Drowned by noise at 10.0%.



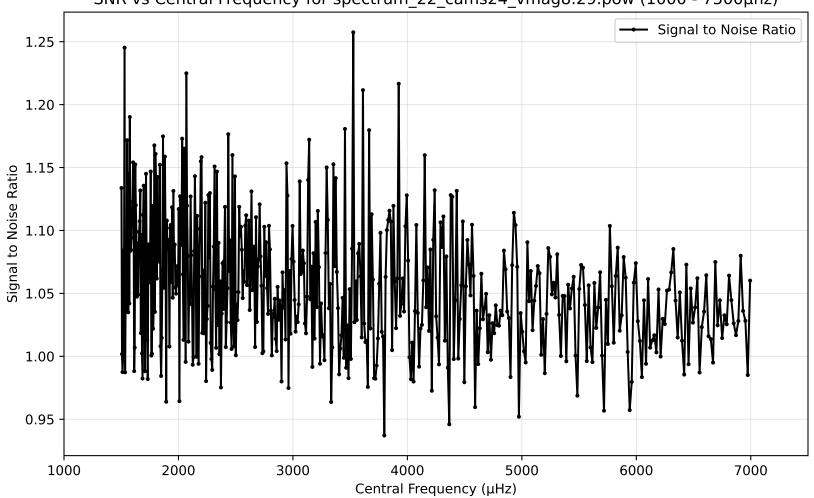
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag8.26.pow (1000 - 7500µhz)



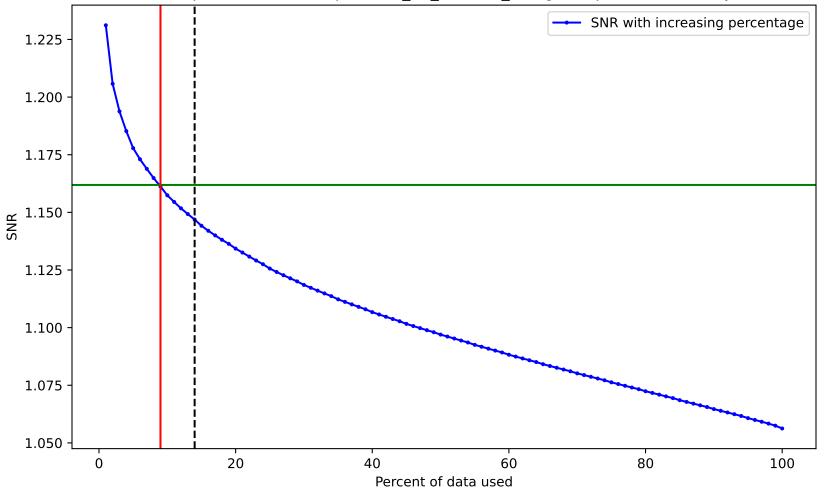
SNR variation for top n% of data for spectrum\_22\_cams24\_vmag8.26.pow. Drowned by noise at 12.0%.



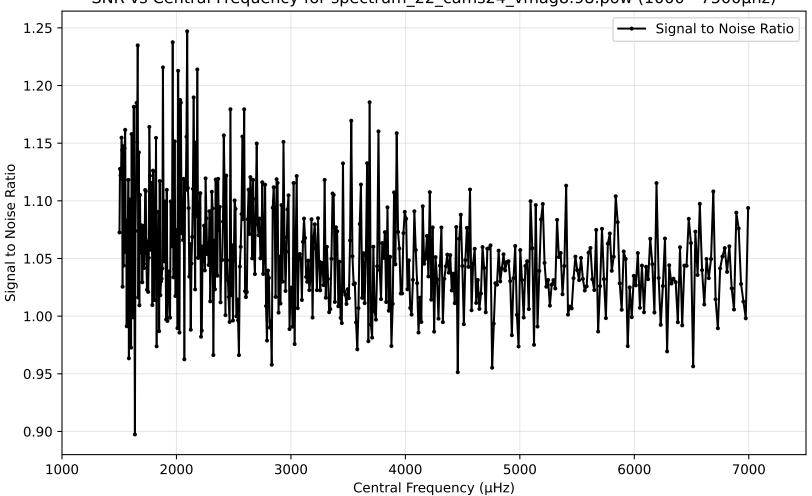
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag8.29.pow (1000 - 7500µhz)



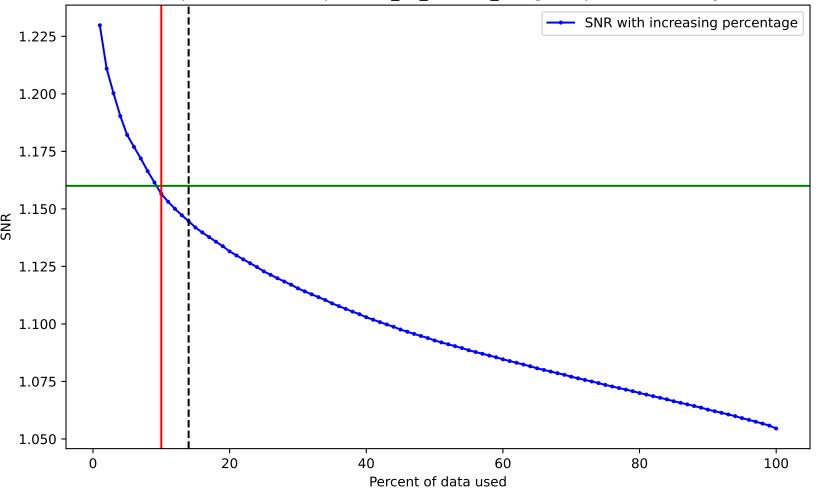
SNR variation for top n% of data for spectrum\_22\_cams24\_vmag8.29.pow. Drowned by noise at 9.0%.



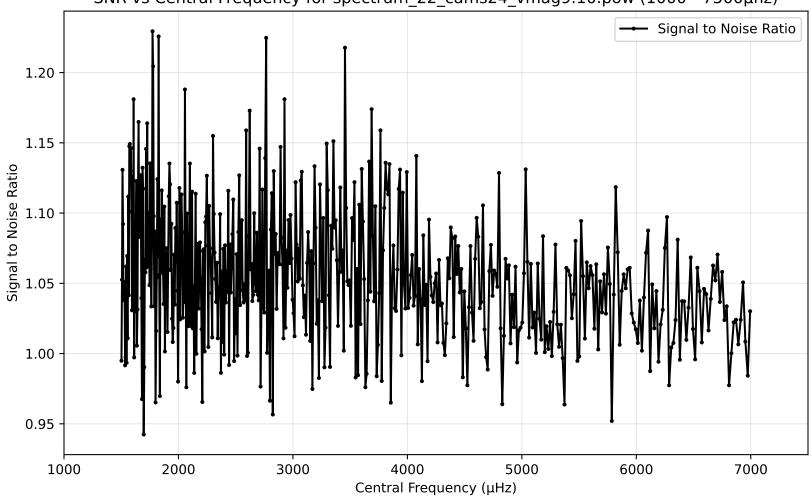
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag8.98.pow (1000 - 7500µhz)



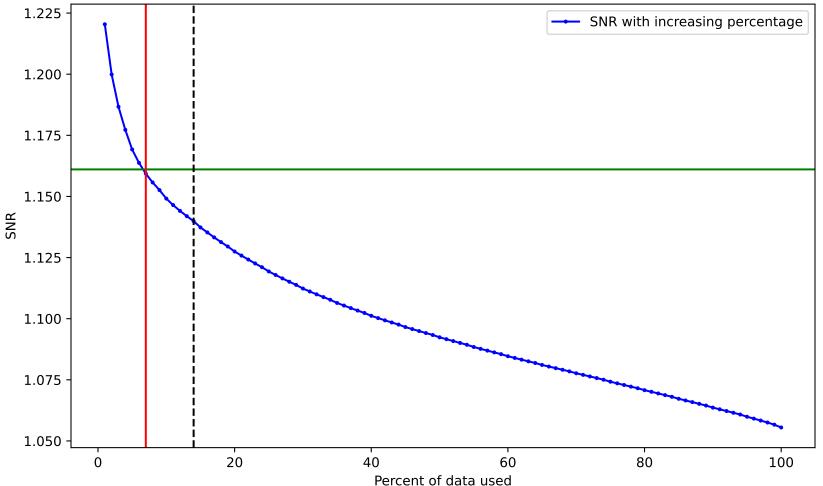
SNR variation for top n% of data for spectrum\_22\_cams24\_vmag8.98.pow. Drowned by noise at 10.0%.



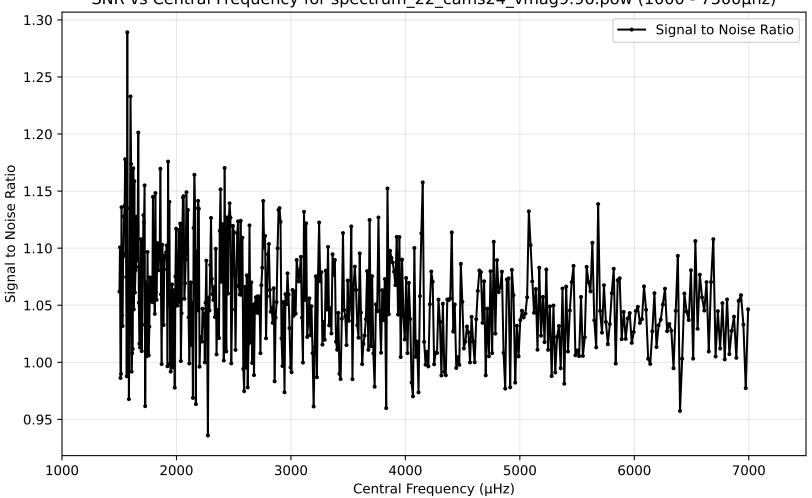
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag9.10.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_22\_cams24\_vmag9.10.pow. Drowned by noise at 7.0%.

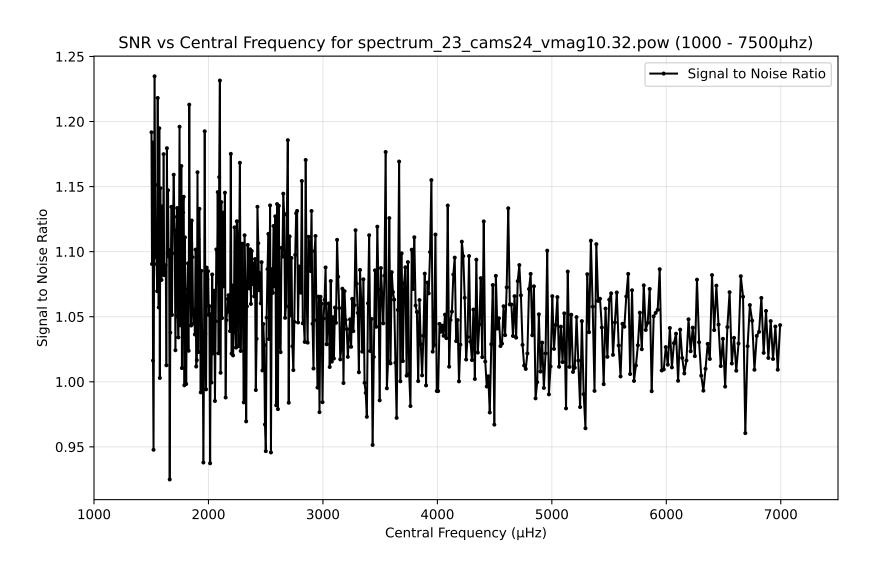


SNR vs Central Frequency for spectrum\_22\_cams24\_vmag9.96.pow (1000 - 7500µhz)

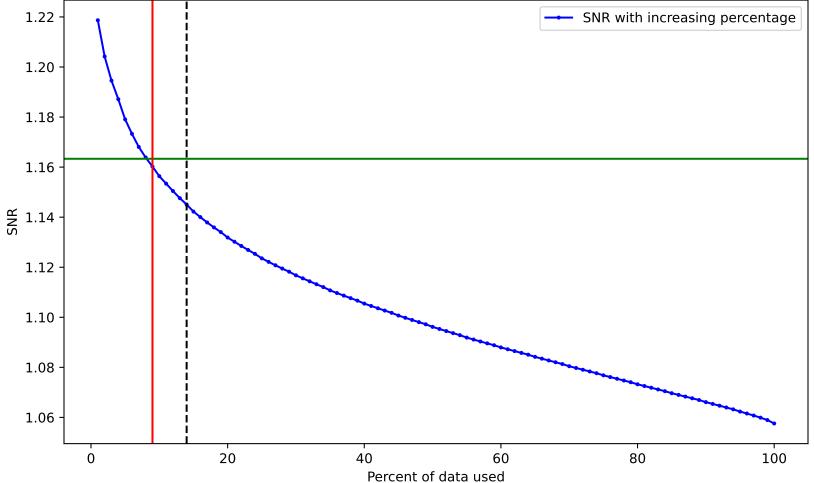


SNR variation for top n% of data for spectrum\_22\_cams24\_vmag9.96.pow. Drowned by noise at 6.0%. 1.22 -SNR with increasing percentage 1.20 1.18 1.16 4 1.14 -1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

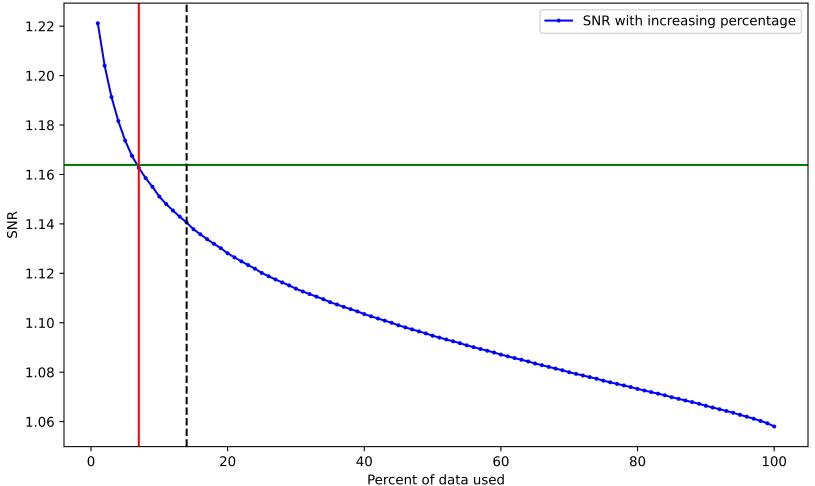


SNR variation for top n% of data for spectrum\_23\_cams24\_vmag10.32.pow. Drowned by noise at 9.0%.

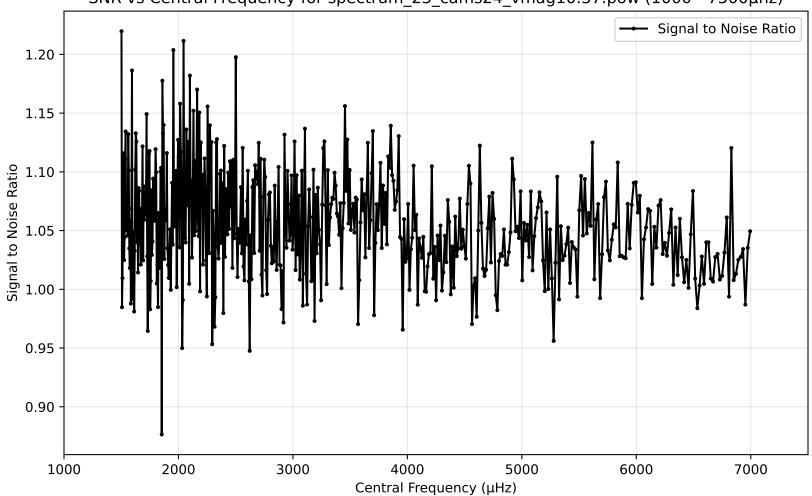


SNR vs Central Frequency for spectrum\_23\_cams24\_vmag10.35.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 6000 7000 5000 Central Frequency (µHz)

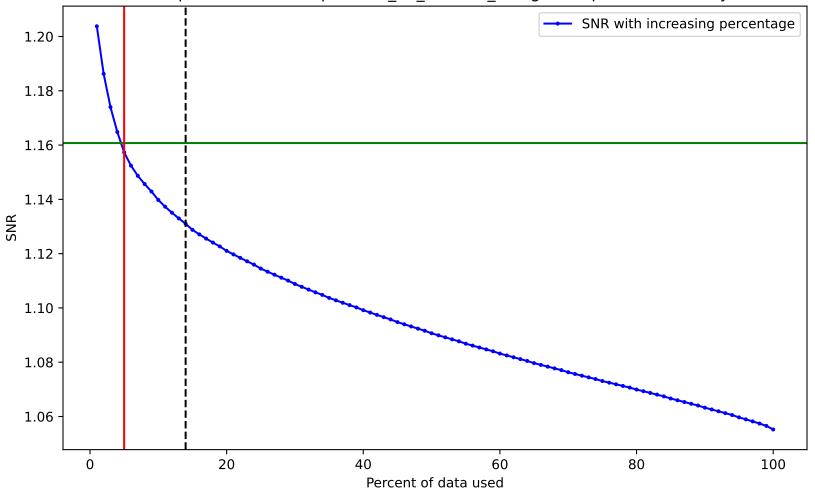
SNR variation for top n% of data for spectrum\_23\_cams24\_vmag10.35.pow. Drowned by noise at 7.0%.



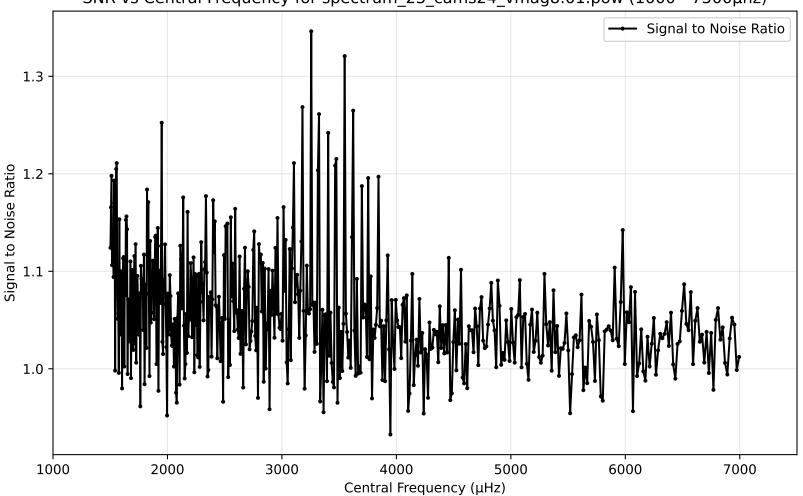
SNR vs Central Frequency for spectrum\_23\_cams24\_vmag10.37.pow (1000 - 7500µhz)



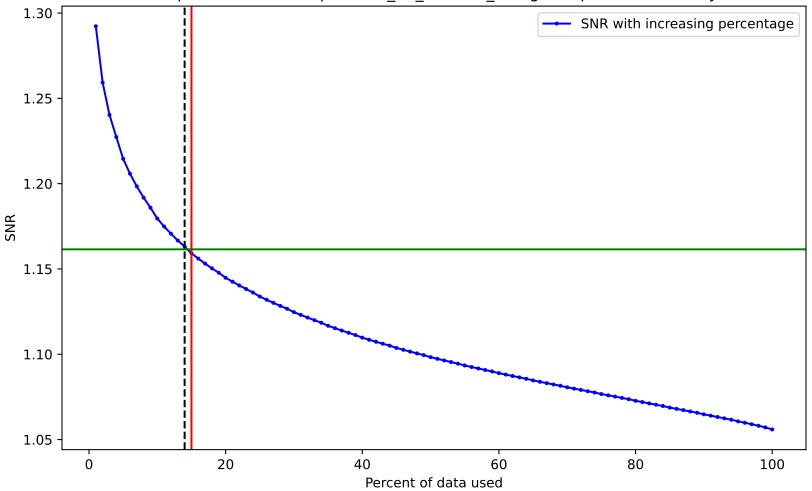
SNR variation for top n% of data for spectrum\_23\_cams24\_vmag10.37.pow. Drowned by noise at 5.0%.



SNR vs Central Frequency for spectrum\_23\_cams24\_vmag8.01.pow (1000 - 7500µhz)

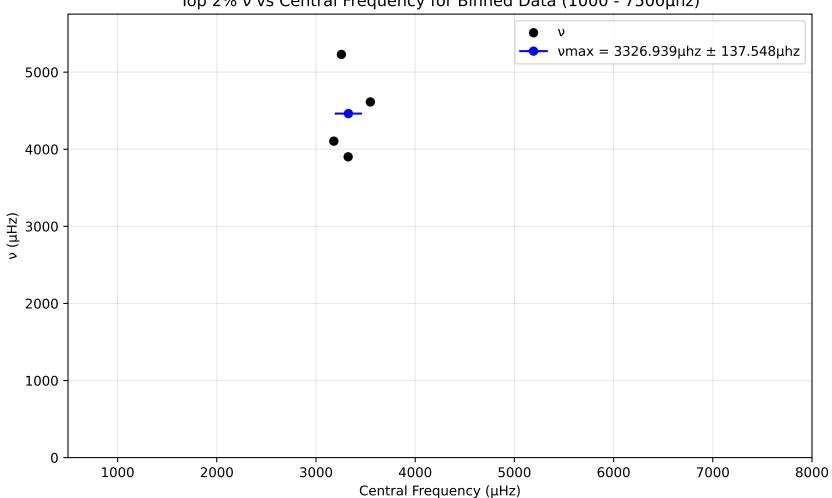


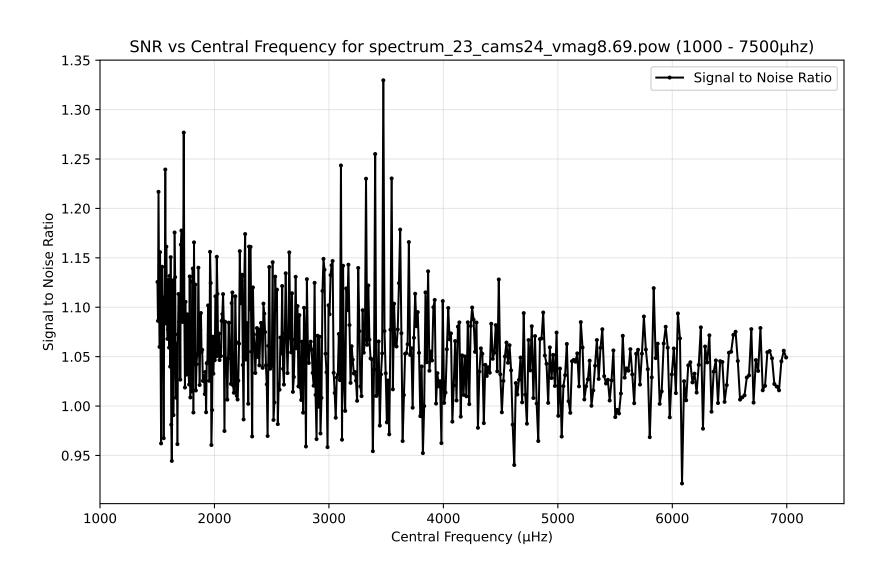
SNR variation for top n% of data for spectrum\_23\_cams24\_vmag8.01.pow. Drowned by noise at 15.0%.



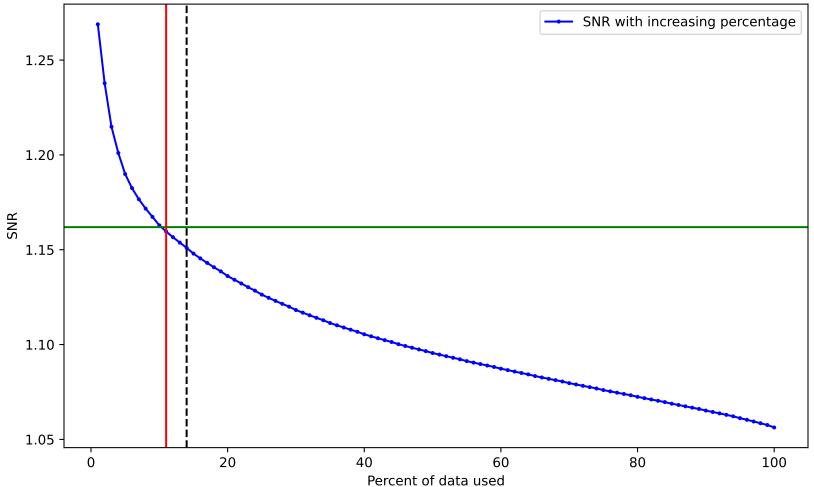
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz) v (µHz) -1000 Central Frequency (µHz)

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)





SNR variation for top n% of data for spectrum\_23\_cams24\_vmag8.69.pow. Drowned by noise at 11.0%.



SNR vs Central Frequency for spectrum\_23\_cams24\_vmag9.08.pow (1000 - 7500µhz) Signal to Noise Ratio

4000

Central Frequency (µHz)

6000

5000

7000

1.20

1.15

1.10

1.05

1.00

0.95

0.90

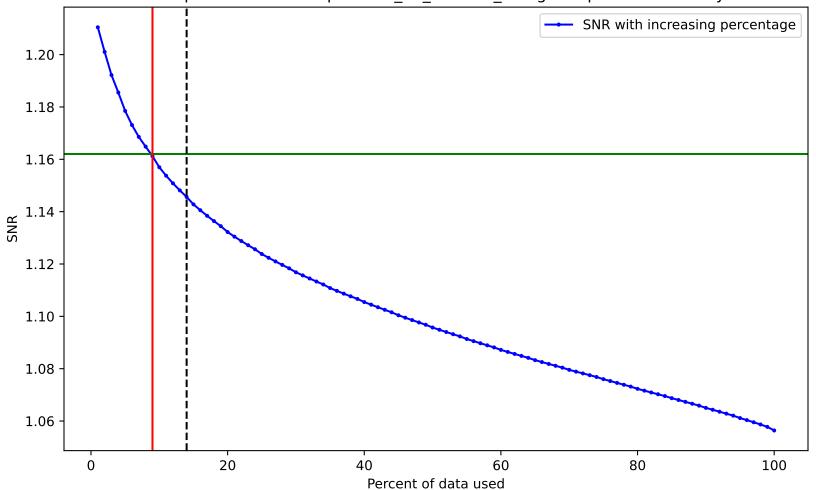
1000

2000

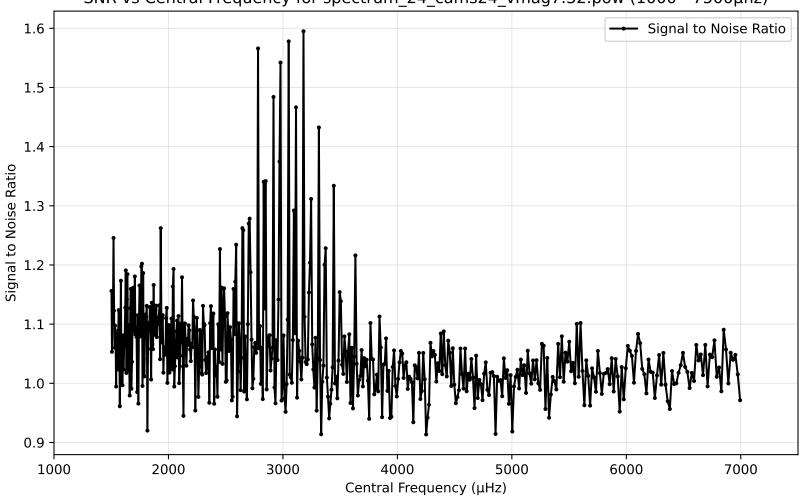
3000

Signal to Noise Ratio

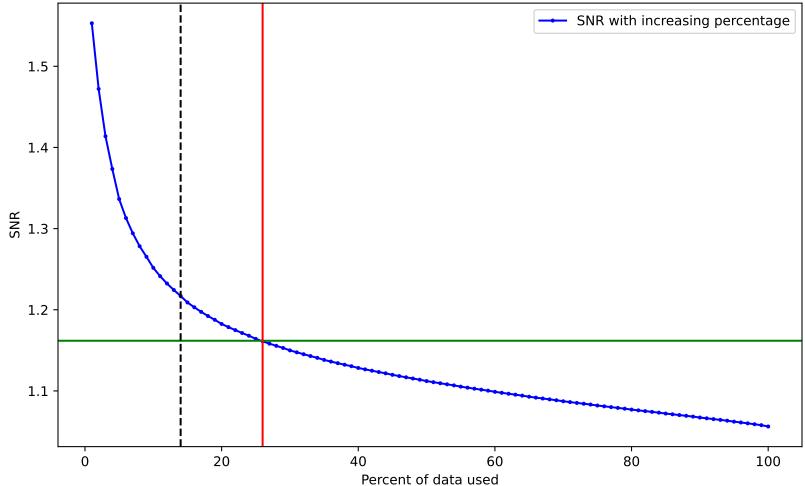
SNR variation for top n% of data for spectrum\_23\_cams24\_vmag9.08.pow. Drowned by noise at 9.0%.



SNR vs Central Frequency for spectrum\_24\_cams24\_vmag7.32.pow (1000 - 7500µhz)



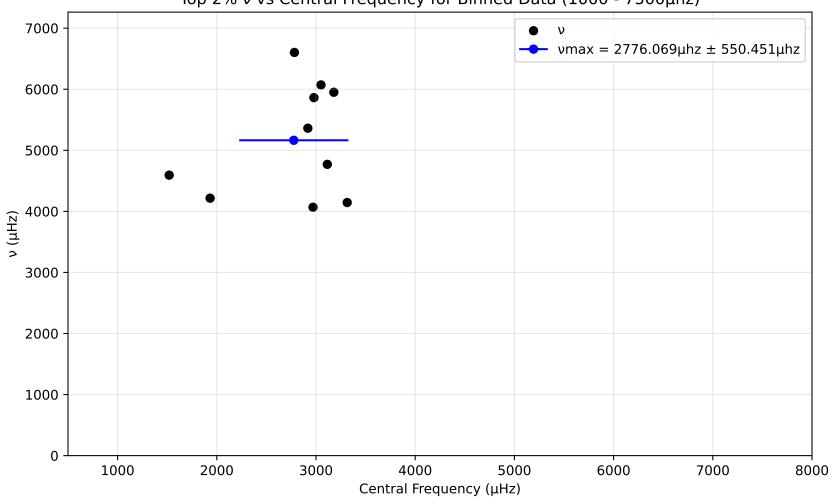
SNR variation for top n% of data for spectrum\_24\_cams24\_vmag7.32.pow. Drowned by noise at 26.0%.



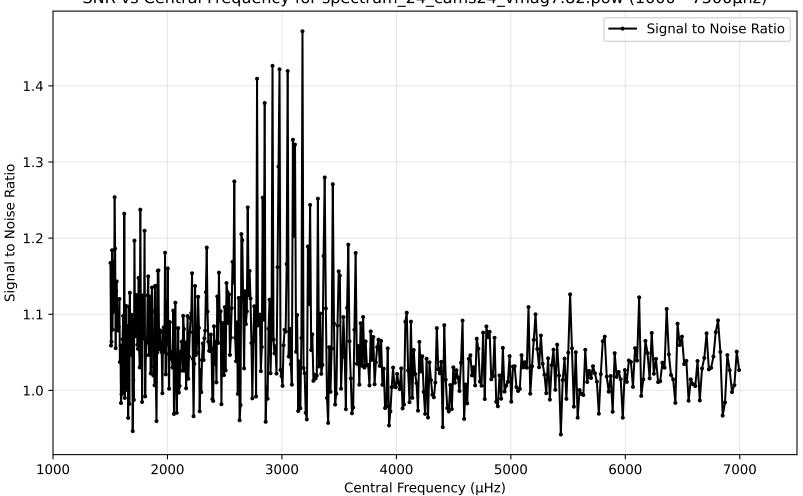
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Central Frequency (µHz)

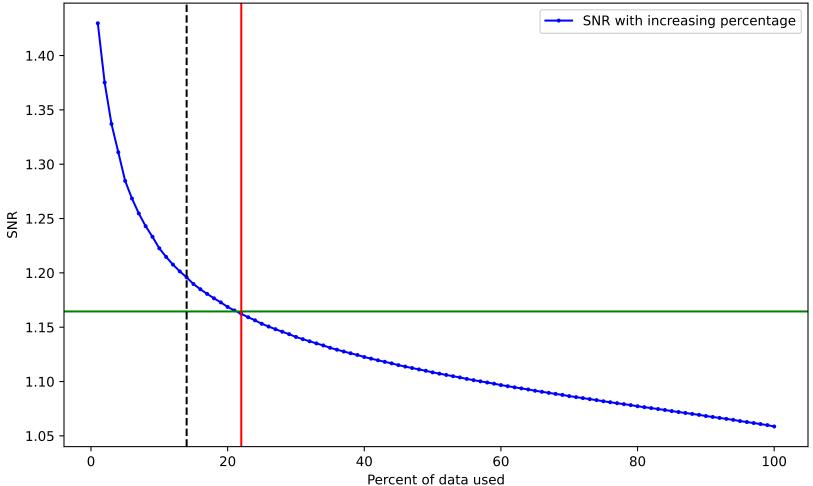
Top 2%  $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz)



SNR vs Central Frequency for spectrum\_24\_cams24\_vmag7.82.pow (1000 - 7500µhz)

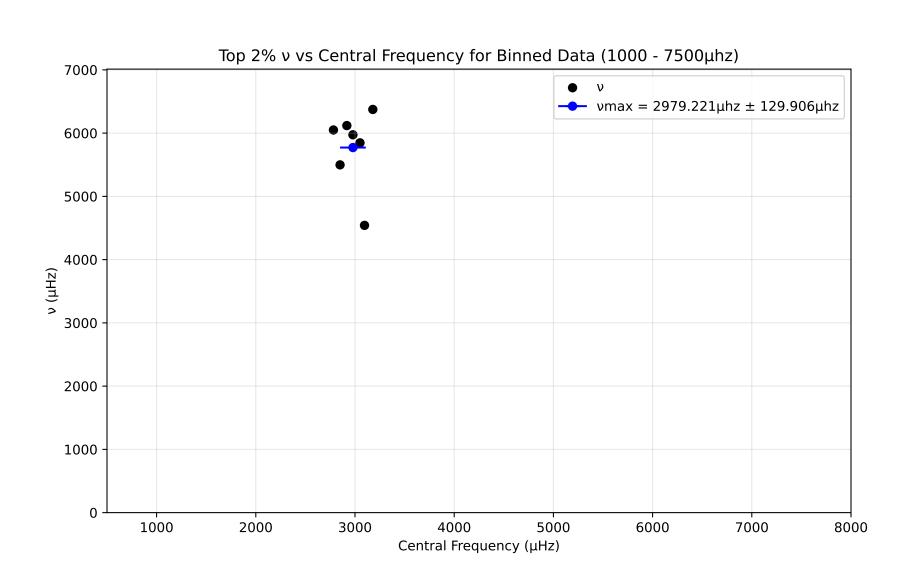


SNR variation for top n% of data for spectrum\_24\_cams24\_vmag7.82.pow. Drowned by noise at 22.0%.

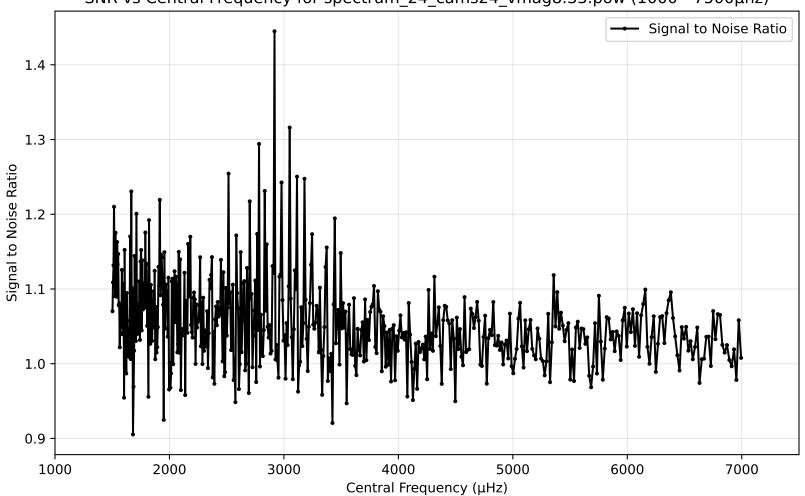


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

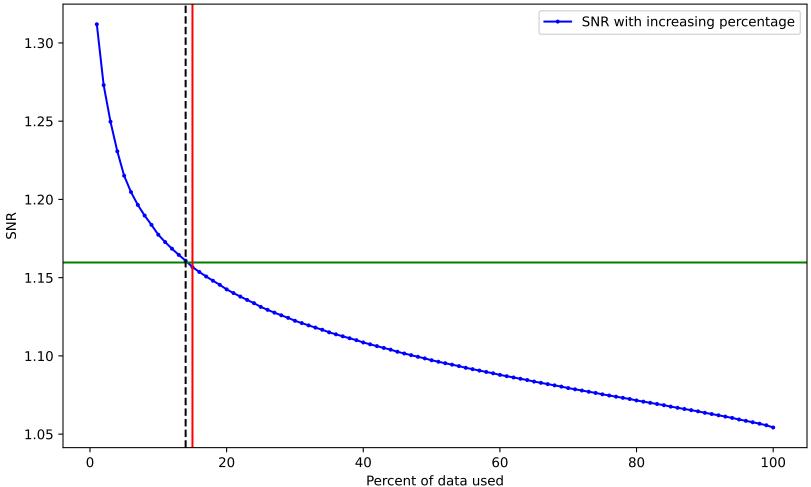
Central Frequency (µHz)



SNR vs Central Frequency for spectrum\_24\_cams24\_vmag8.33.pow (1000 - 7500µhz)

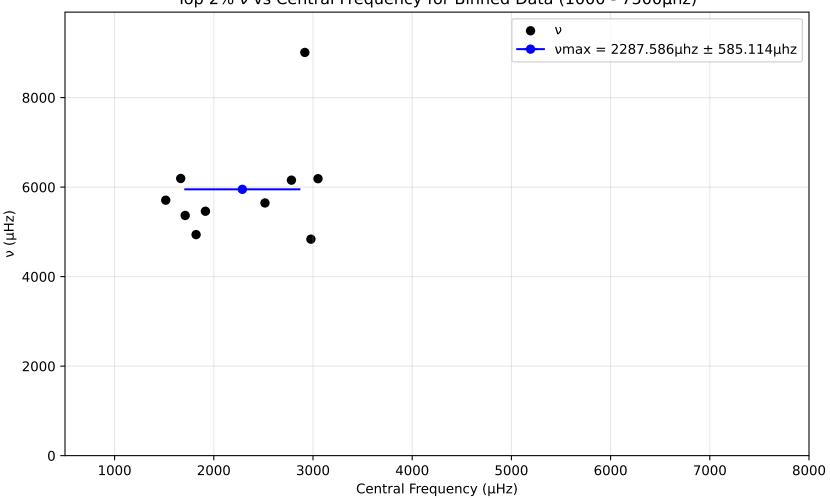


SNR variation for top n% of data for spectrum\_24\_cams24\_vmag8.33.pow. Drowned by noise at 15.0%.

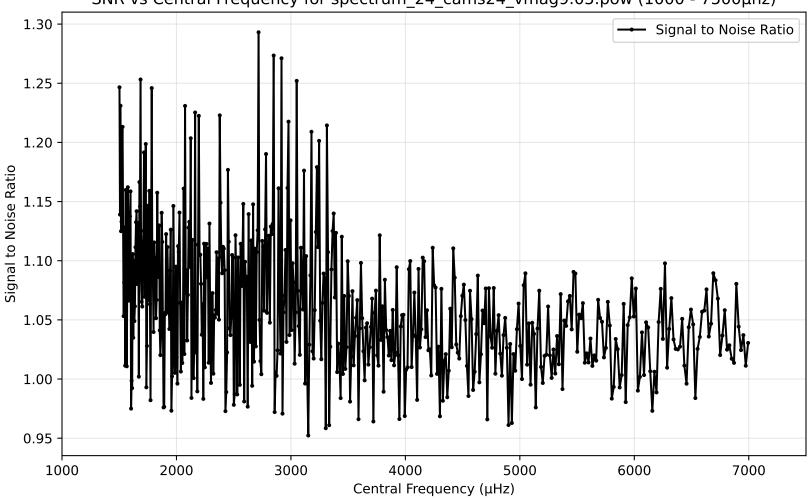


 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz) v (µHz) -2000 Central Frequency (µHz)

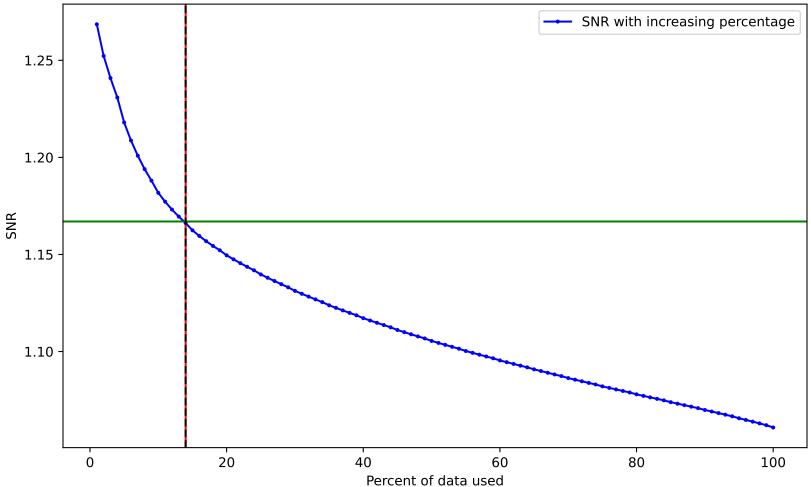
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



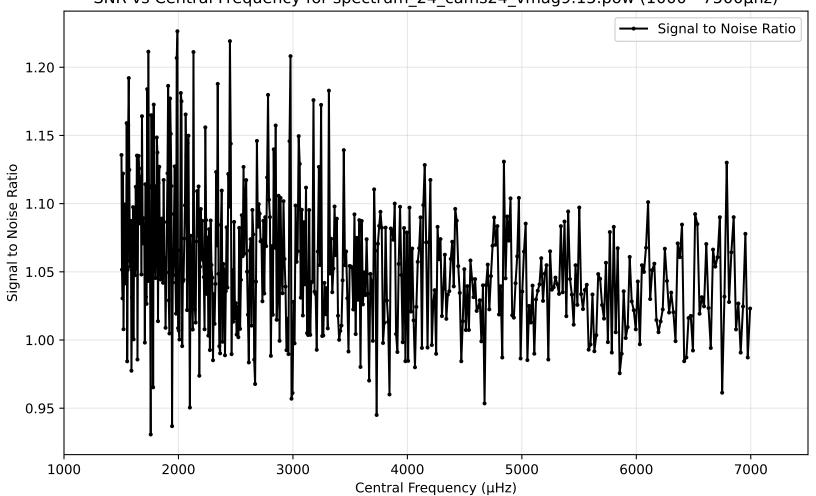
SNR vs Central Frequency for spectrum\_24\_cams24\_vmag9.05.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_24\_cams24\_vmag9.05.pow. Drowned by noise at 14.0%.



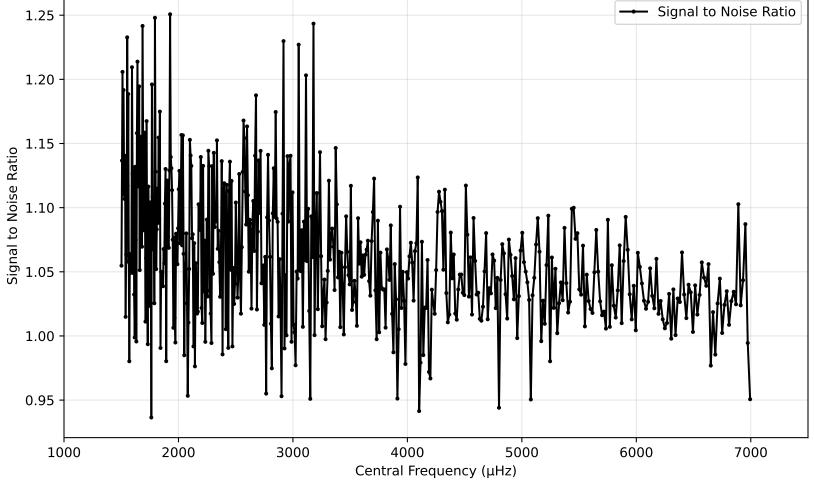
SNR vs Central Frequency for spectrum\_24\_cams24\_vmag9.15.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_24\_cams24\_vmag9.15.pow. Drowned by noise at 10.0%. 1.22 -SNR with increasing percentage 1.20 1.18 1.16 관 1.14 -1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

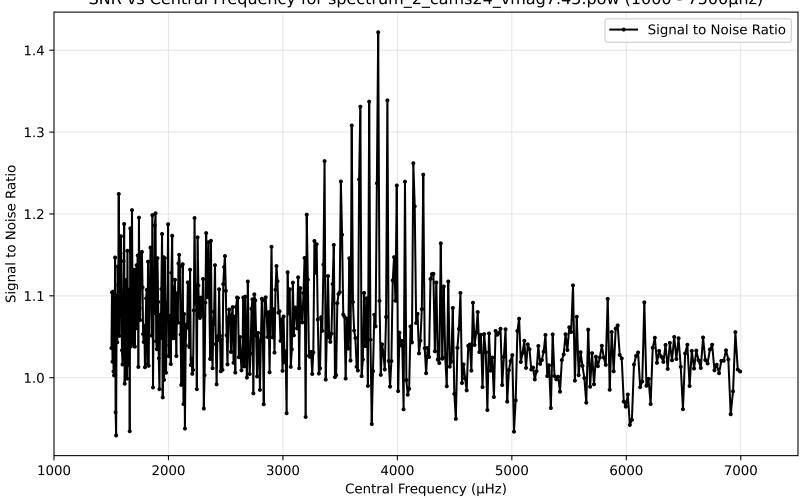
SNR vs Central Frequency for spectrum\_24\_cams24\_vmag9.41.pow (1000 - 7500µhz) Signal to Noise Ratio



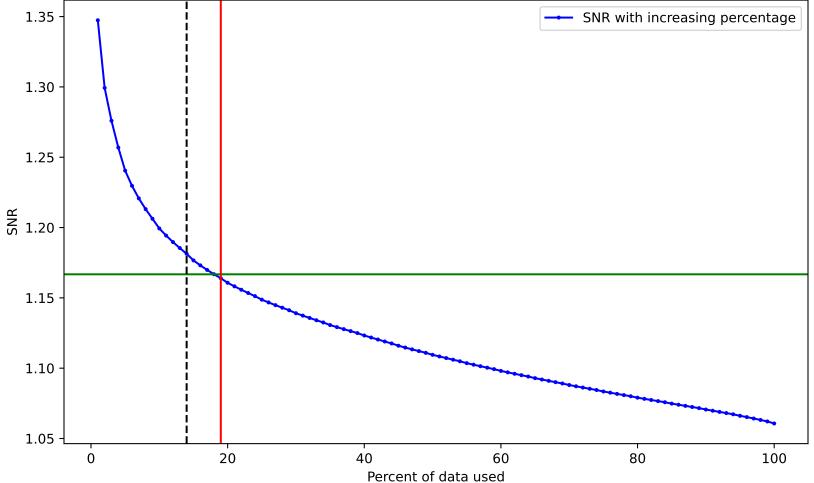
SNR variation for top n% of data for spectrum\_24\_cams24\_vmag9.41.pow. Drowned by noise at 11.0%. 1.250 -SNR with increasing percentage 1.225 1.200 1.175 -W 1.150 -1.125 1.100 1.075 -20 40 60 80 100

Percent of data used

SNR vs Central Frequency for spectrum\_2\_cams24\_vmag7.45.pow (1000 - 7500µhz)



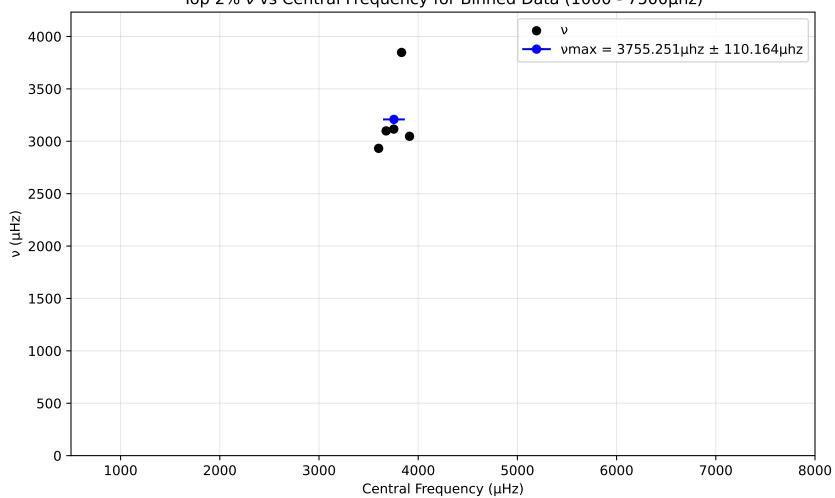
SNR variation for top n% of data for spectrum\_2\_cams24\_vmag7.45.pow. Drowned by noise at 19.0%.



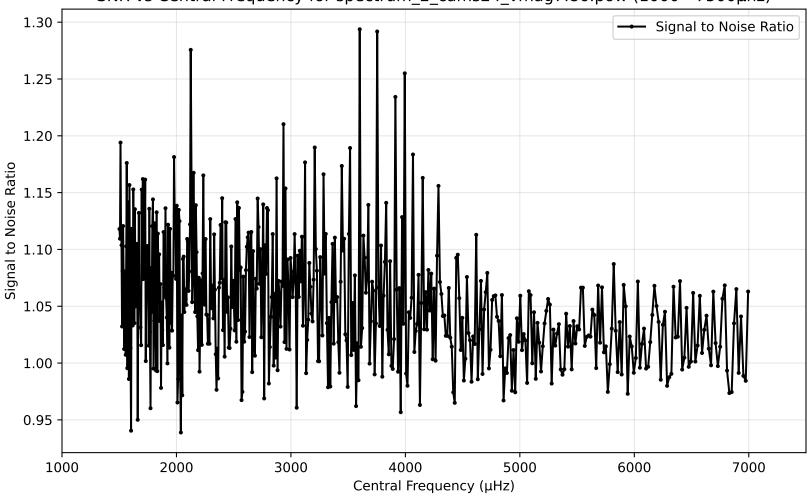
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz) v (µHz) -1000 

Central Frequency (µHz)

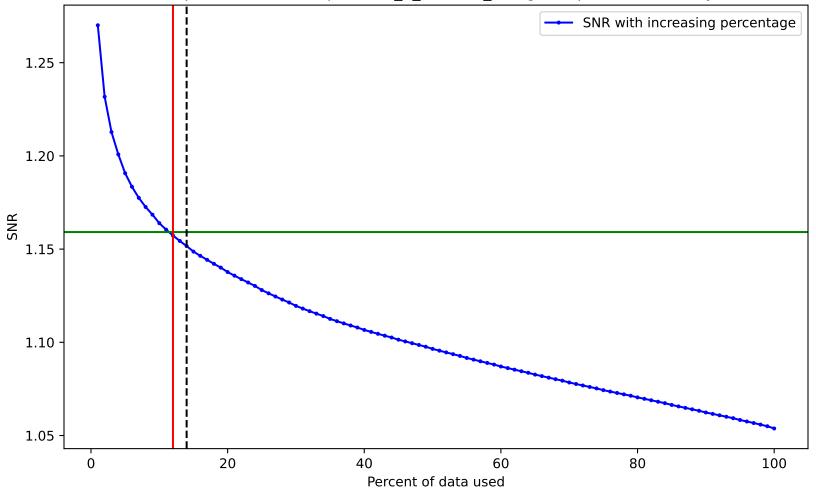
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



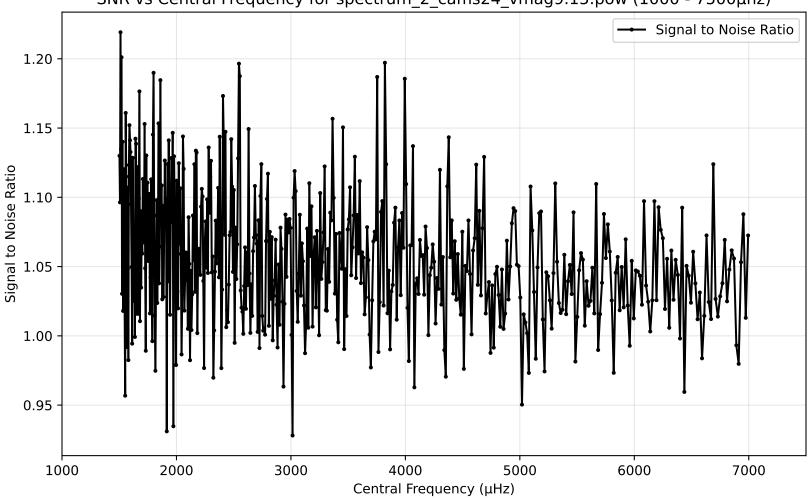
SNR vs Central Frequency for spectrum\_2\_cams24\_vmag7.86.pow (1000 - 7500µhz)



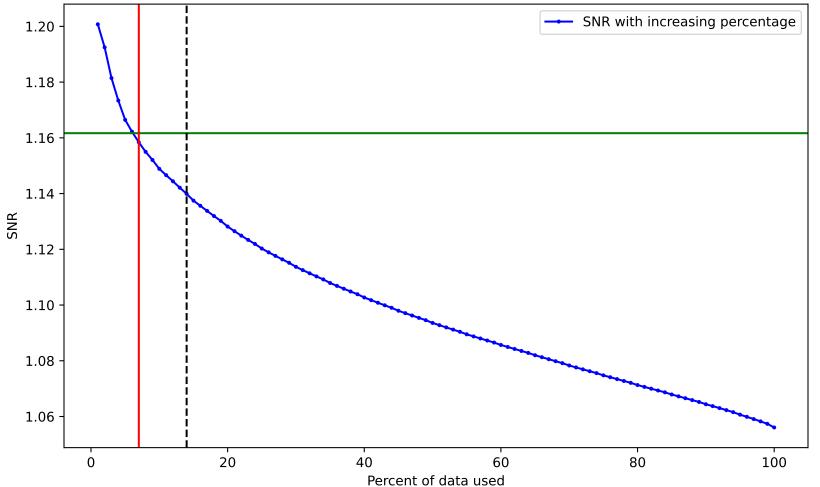
SNR variation for top n% of data for spectrum\_2\_cams24\_vmag7.86.pow. Drowned by noise at 12.0%.



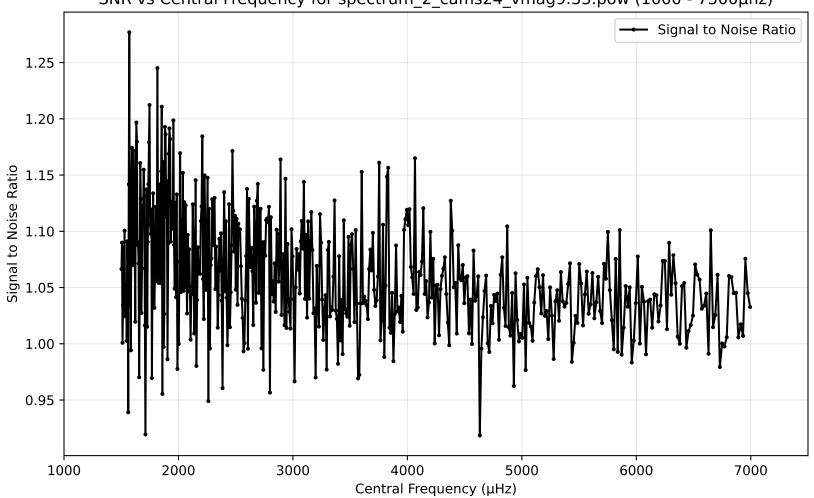
SNR vs Central Frequency for spectrum\_2\_cams24\_vmag9.15.pow (1000 - 7500µhz)



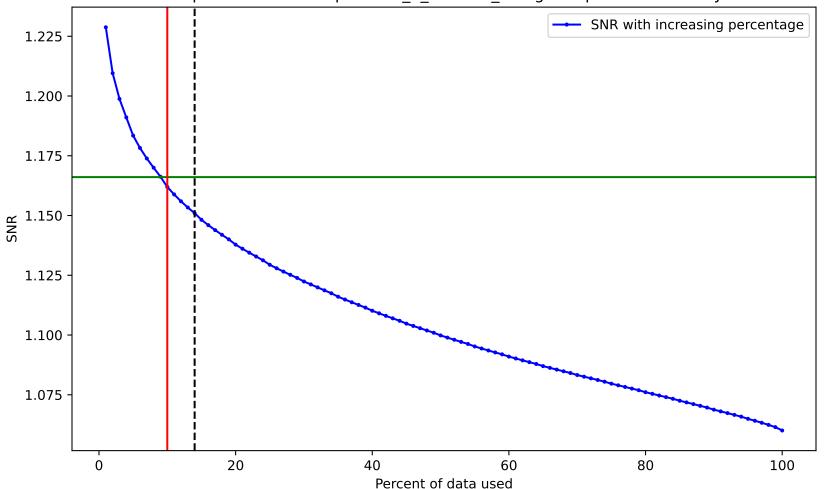
SNR variation for top n% of data for spectrum\_2\_cams24\_vmag9.15.pow. Drowned by noise at 7.0%.



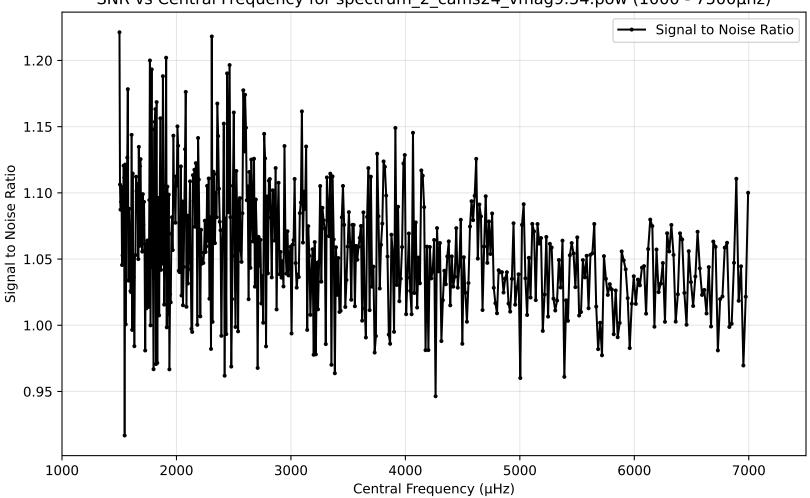
SNR vs Central Frequency for spectrum\_2\_cams24\_vmag9.33.pow (1000 - 7500µhz)



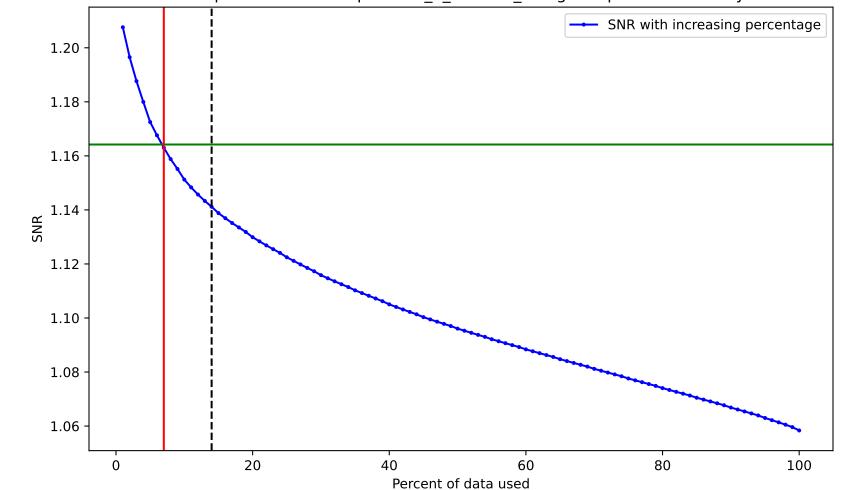
SNR variation for top n% of data for spectrum\_2\_cams24\_vmag9.33.pow. Drowned by noise at 10.0%.



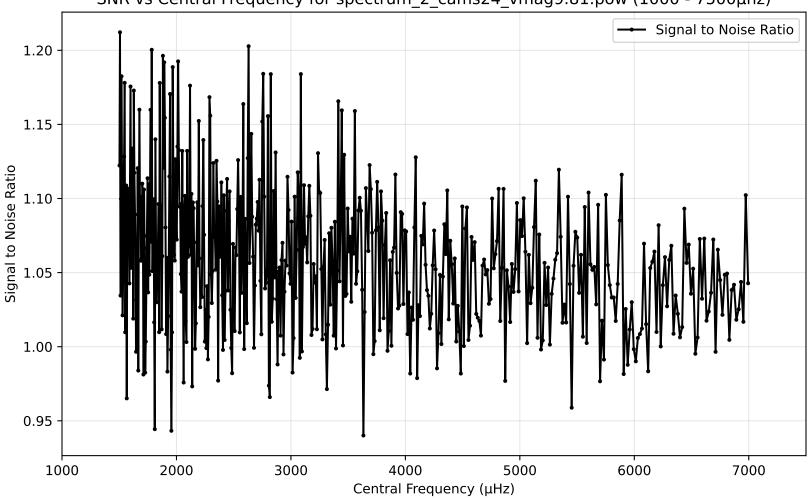
SNR vs Central Frequency for spectrum\_2\_cams24\_vmag9.54.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_2\_cams24\_vmag9.54.pow. Drowned by noise at 7.0%.



SNR vs Central Frequency for spectrum\_2\_cams24\_vmag9.81.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_2\_cams24\_vmag9.81.pow. Drowned by noise at 8.0%. SNR with increasing percentage 1.20 -1.18 1.16 1.14 1.12 1.10 1.08 1.06

60

Percent of data used

80

100

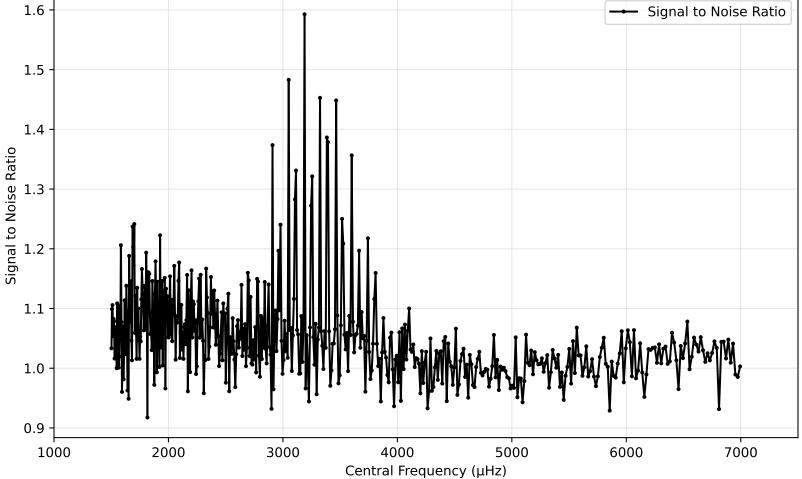
40

20

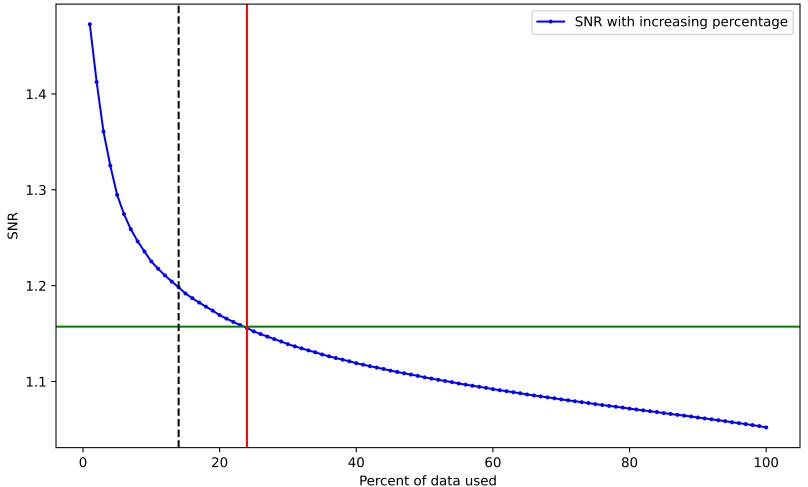
SNR

0

SNR vs Central Frequency for spectrum\_3\_cams24\_vmag7.23.pow (1000 - 7500µhz) Signal to Noise Ratio

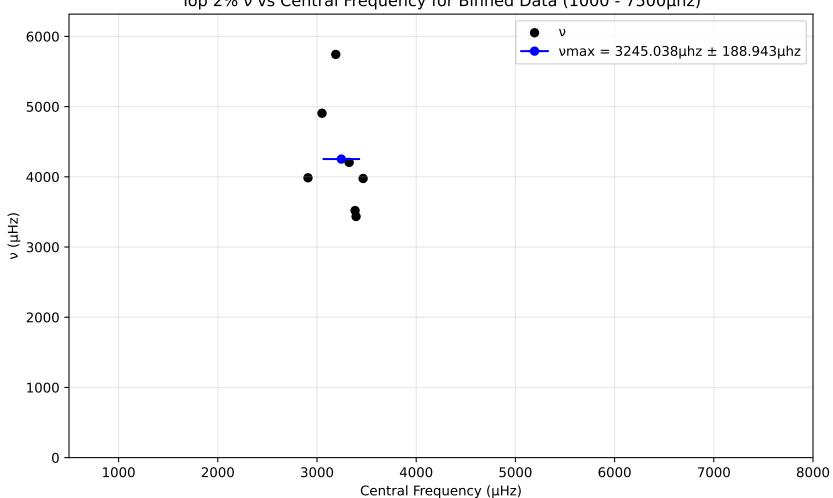


SNR variation for top n% of data for spectrum\_3\_cams24\_vmag7.23.pow. Drowned by noise at 24.0%.

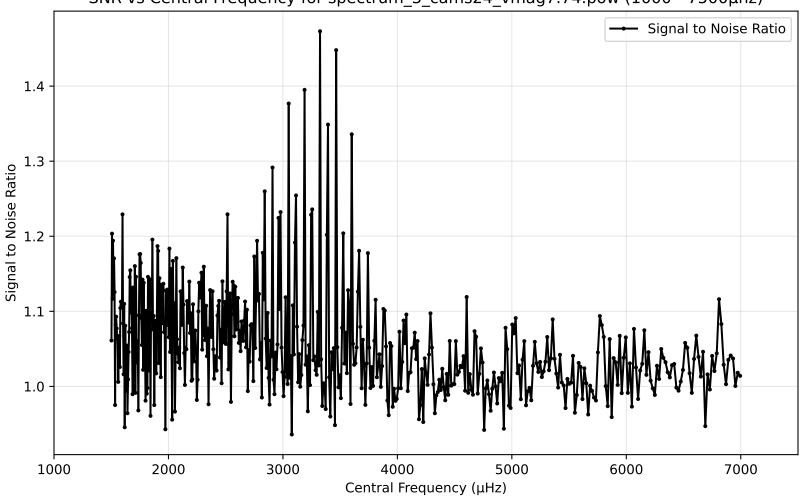


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

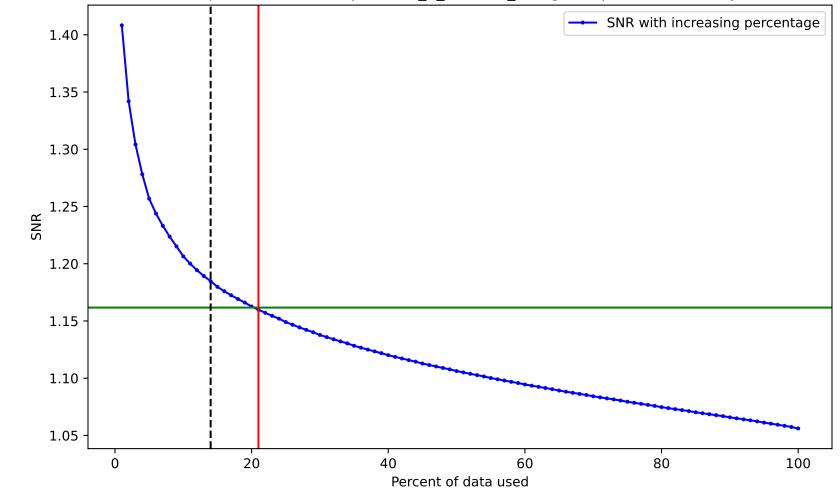
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_3\_cams24\_vmag7.74.pow (1000 - 7500µhz)

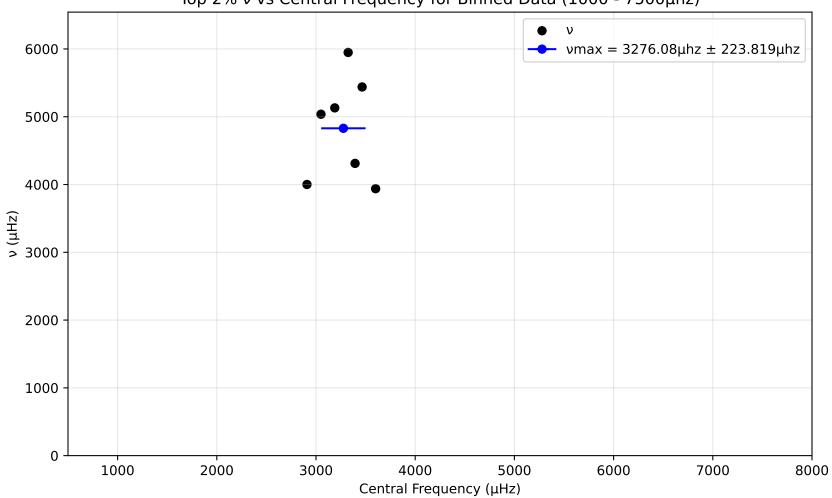


SNR variation for top n% of data for spectrum\_3\_cams24\_vmag7.74.pow. Drowned by noise at 21.0%.

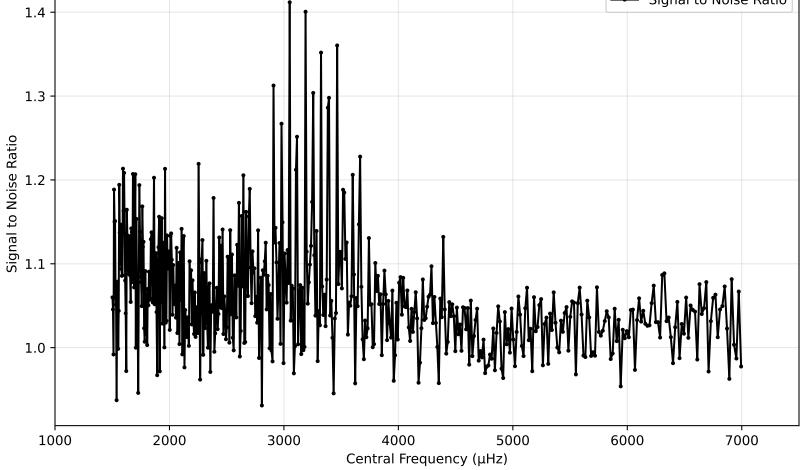


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (μHz) -1000 Central Frequency (µHz)

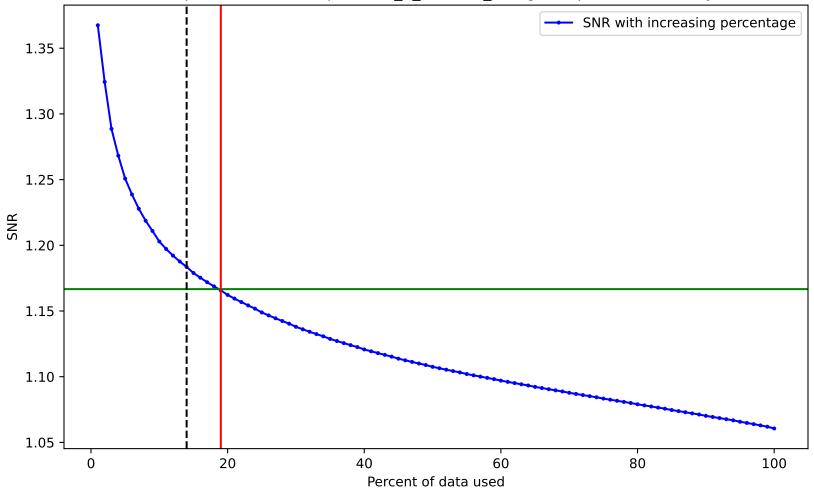
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_3\_cams24\_vmag7.83.pow (1000 - 7500µhz) Signal to Noise Ratio



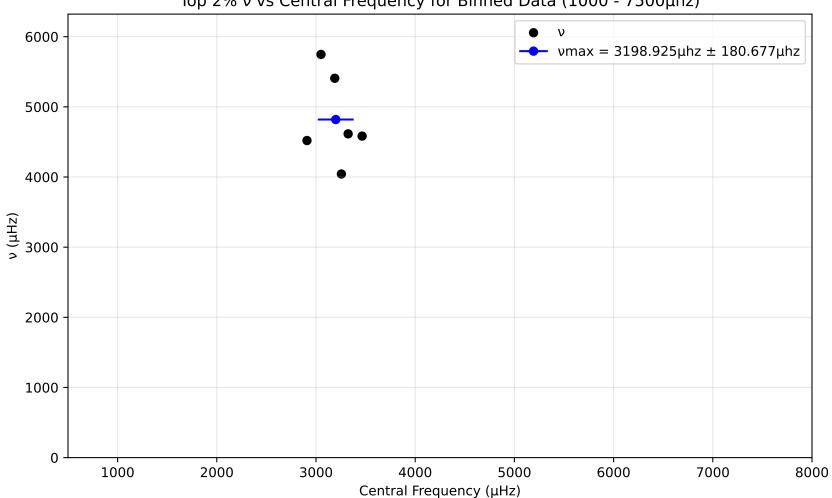
SNR variation for top n% of data for spectrum\_3\_cams24\_vmag7.83.pow. Drowned by noise at 19.0%.



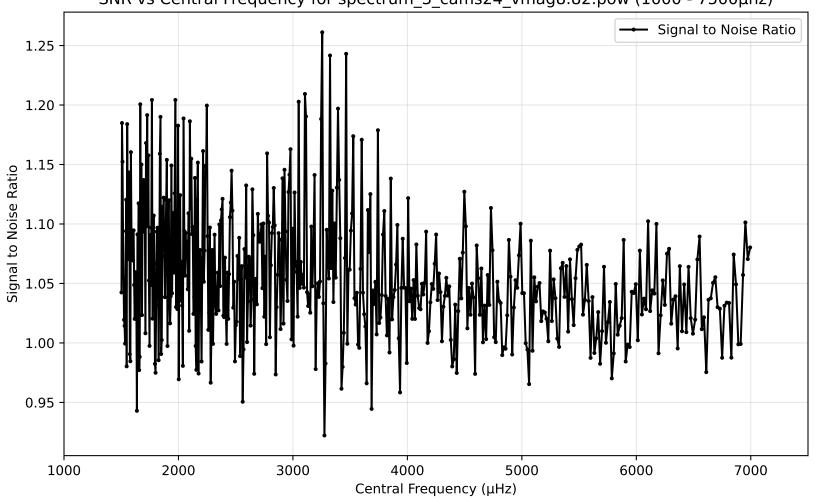
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz) v (µHz) -1000 

Central Frequency (µHz)

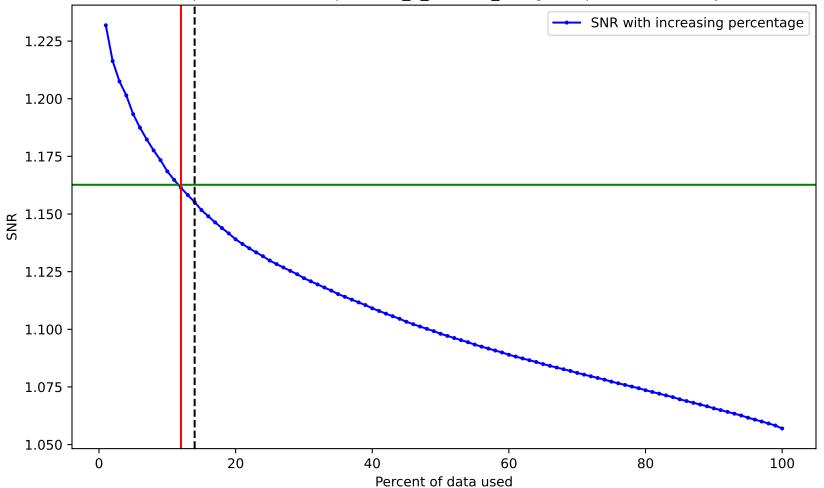
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)

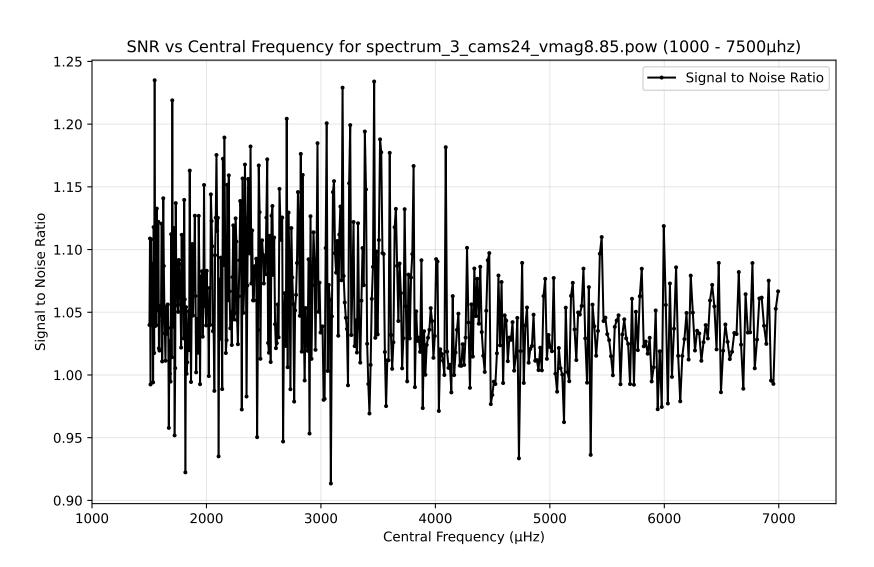


SNR vs Central Frequency for spectrum\_3\_cams24\_vmag8.82.pow (1000 - 7500µhz)

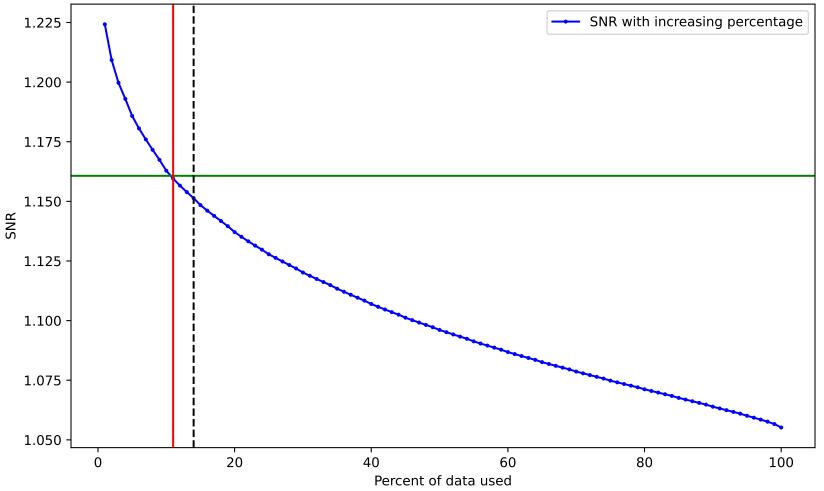


SNR variation for top n% of data for spectrum\_3\_cams24\_vmag8.82.pow. Drowned by noise at 12.0%.





SNR variation for top n% of data for spectrum\_3\_cams24\_vmag8.85.pow. Drowned by noise at 11.0%.



SNR vs Central Frequency for spectrum\_3\_cams24\_vmag9.01.pow (1000 - 7500µhz) 1.30 Signal to Noise Ratio 1.25 1.20 Signal to Noise Ratio 1.00 0.95

4000

Central Frequency (µHz)

6000

5000

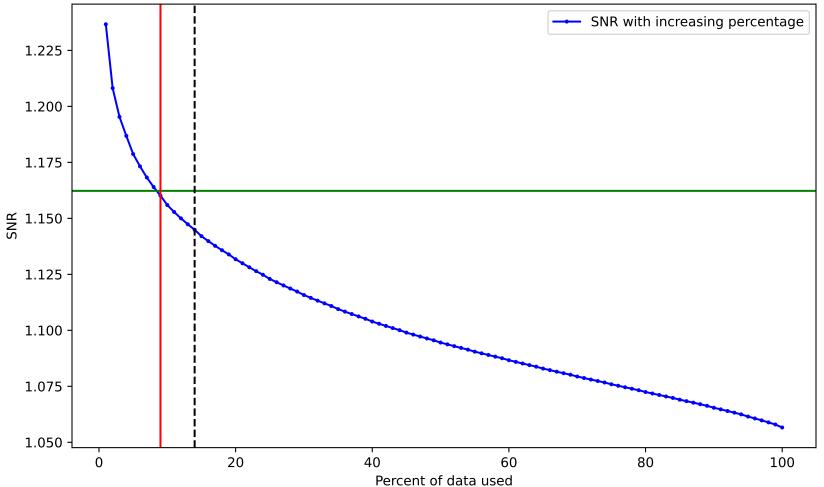
7000

1000

2000

3000

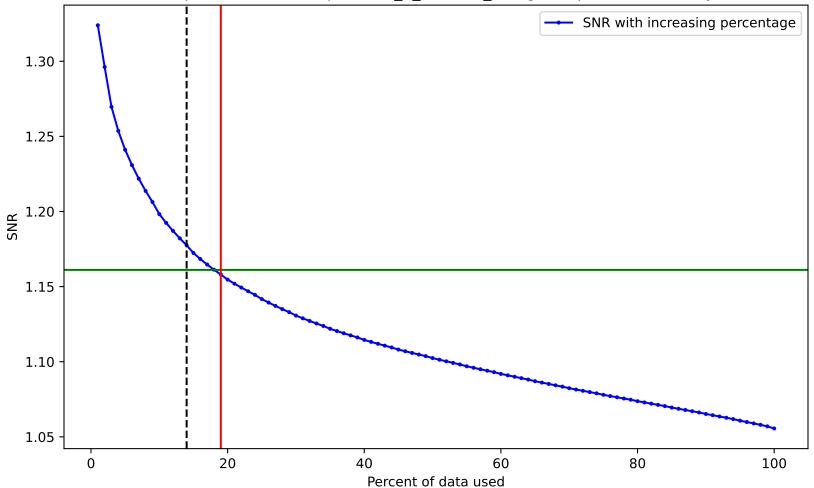
SNR variation for top n% of data for spectrum\_3\_cams24\_vmag9.01.pow. Drowned by noise at 9.0%.



SNR vs Central Frequency for spectrum\_4\_cams24\_vmag7.51.pow (1000 - 7500µhz) Signal to Noise Ratio 1.4 1.3 Signal to Noise Ratio 1.2 1.0 0.9 + 2000 3000 4000 5000 6000 7000

Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_4\_cams24\_vmag7.51.pow. Drowned by noise at 19.0%.

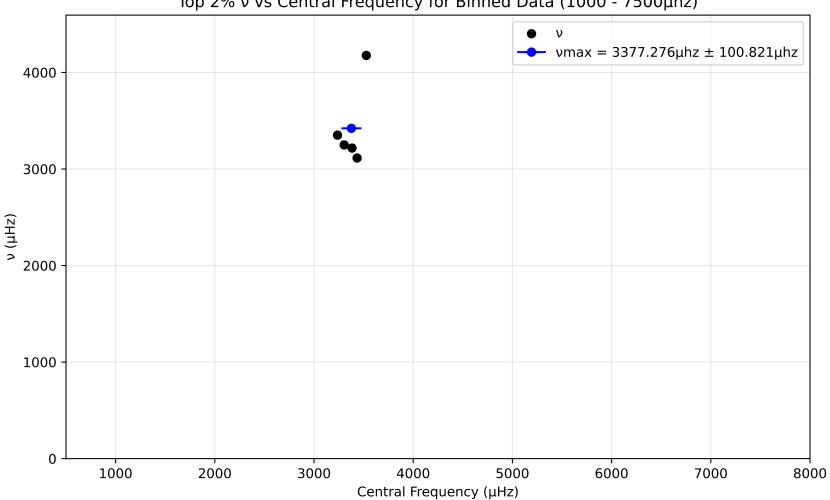


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) 

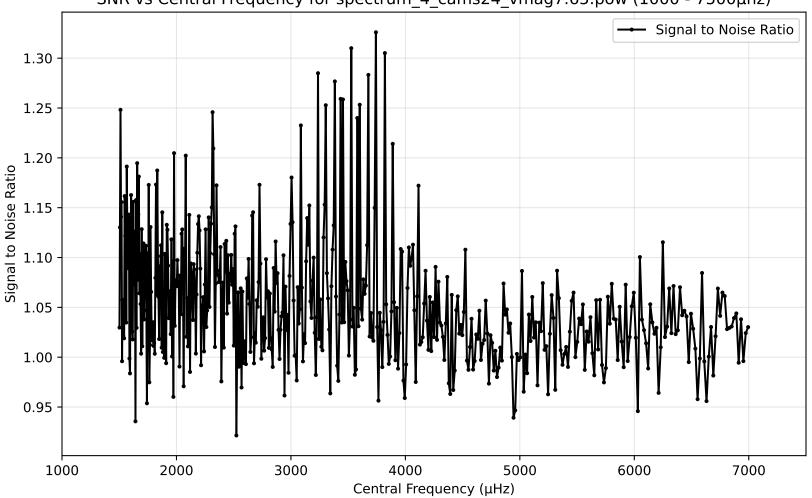
Central Frequency (µHz)

-1000

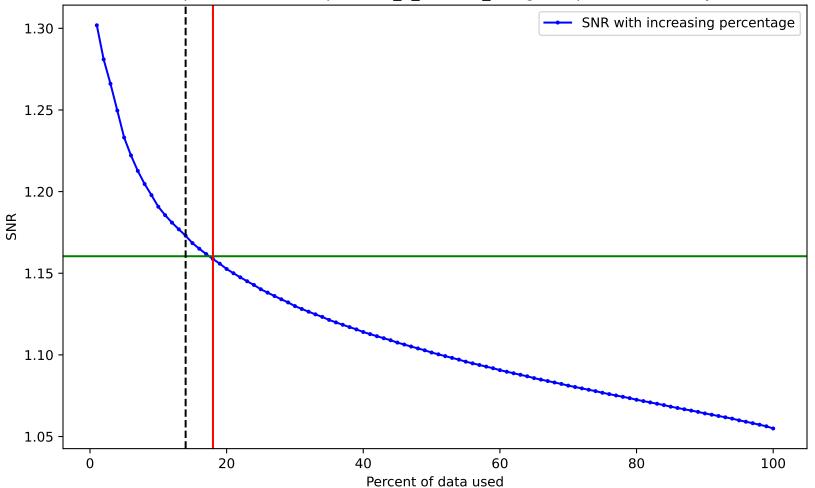
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



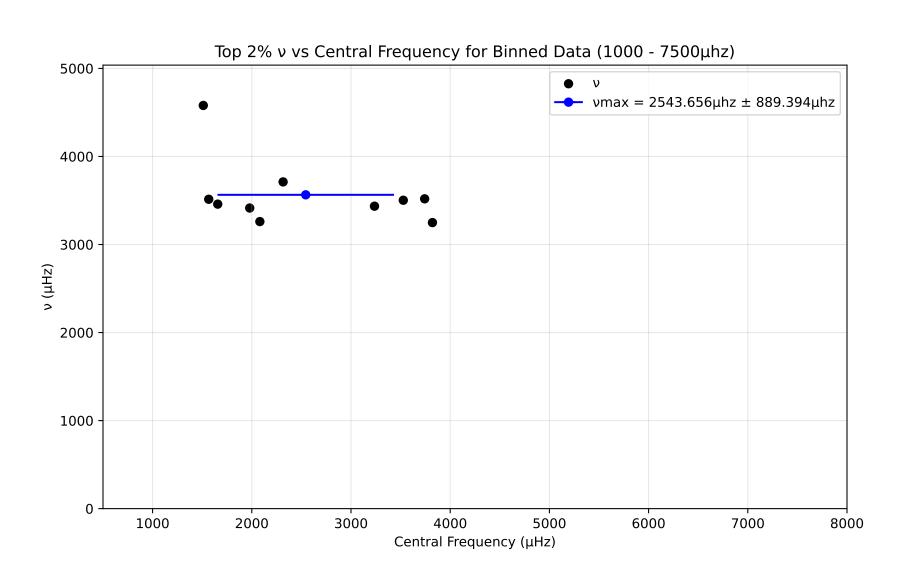
SNR vs Central Frequency for spectrum\_4\_cams24\_vmag7.65.pow (1000 - 7500µhz)



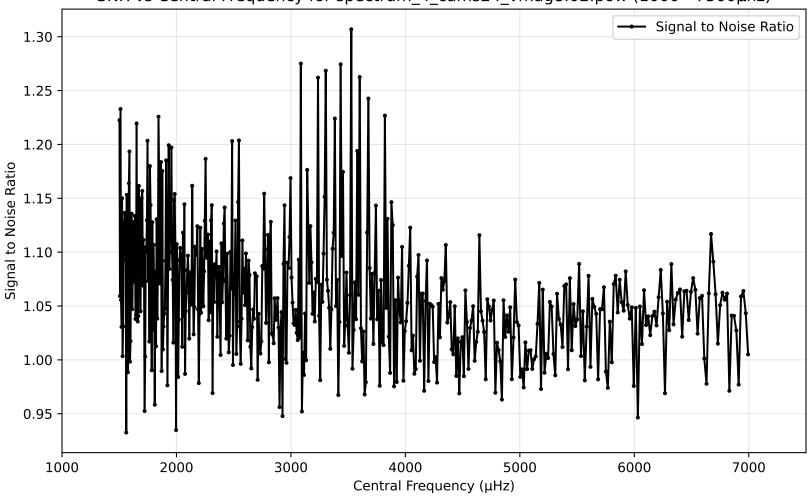
SNR variation for top n% of data for spectrum\_4\_cams24\_vmag7.65.pow. Drowned by noise at 18.0%.



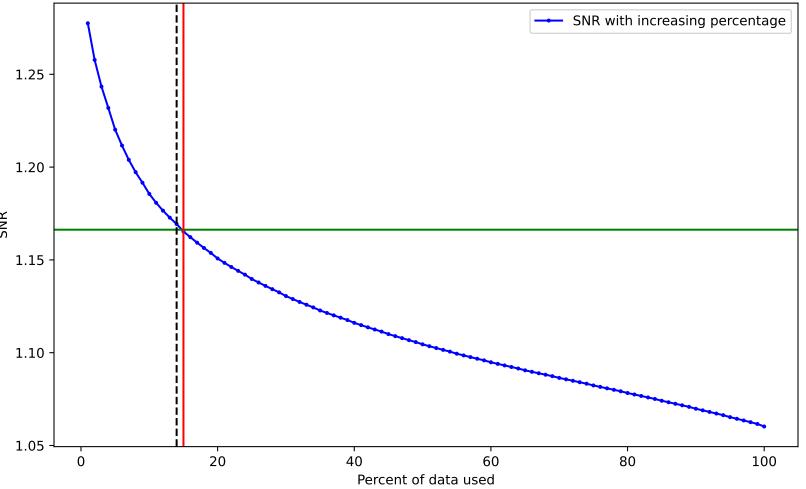
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)



SNR vs Central Frequency for spectrum\_4\_cams24\_vmag8.02.pow (1000 - 7500µhz)



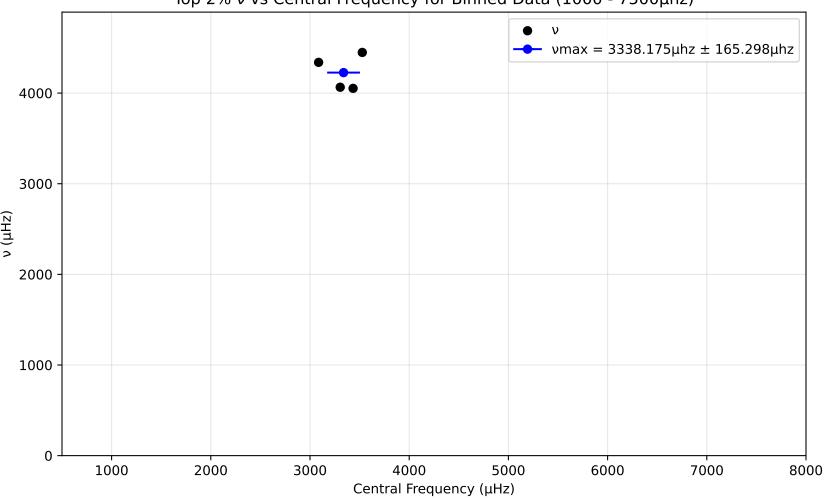
SNR variation for top n% of data for spectrum\_4\_cams24\_vmag8.02.pow. Drowned by noise at 15.0%.



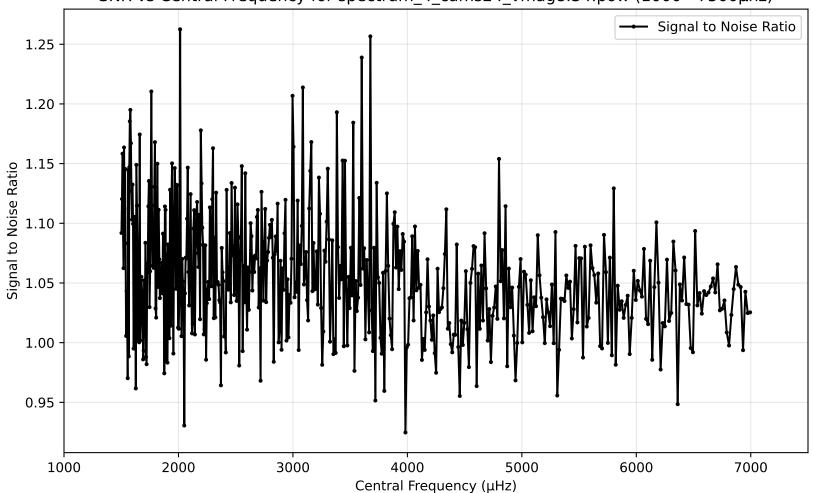
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Central Frequency (µHz)

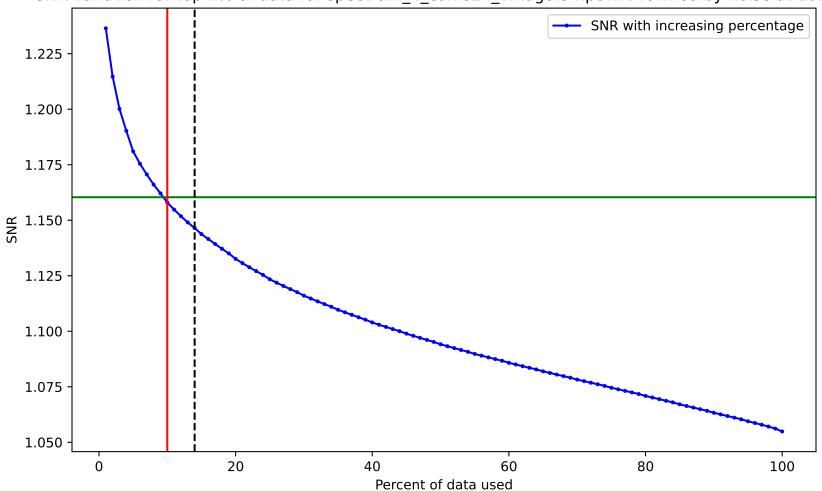
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



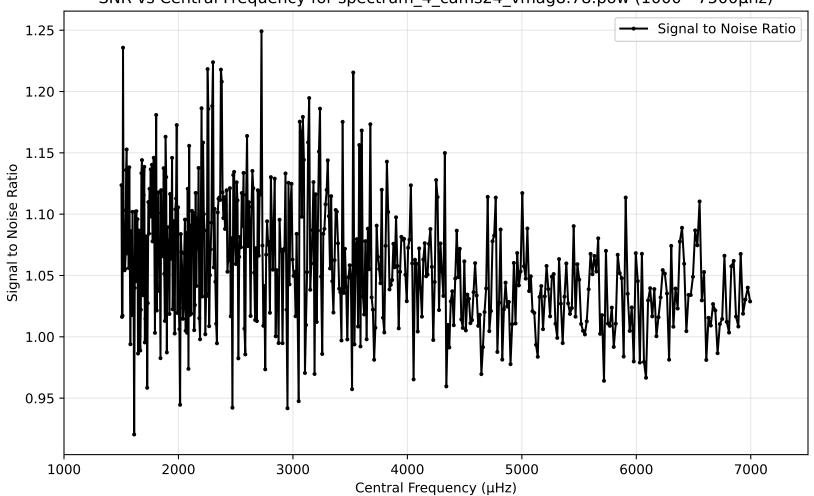
SNR vs Central Frequency for spectrum\_4\_cams24\_vmag8.34.pow (1000 - 7500µhz)



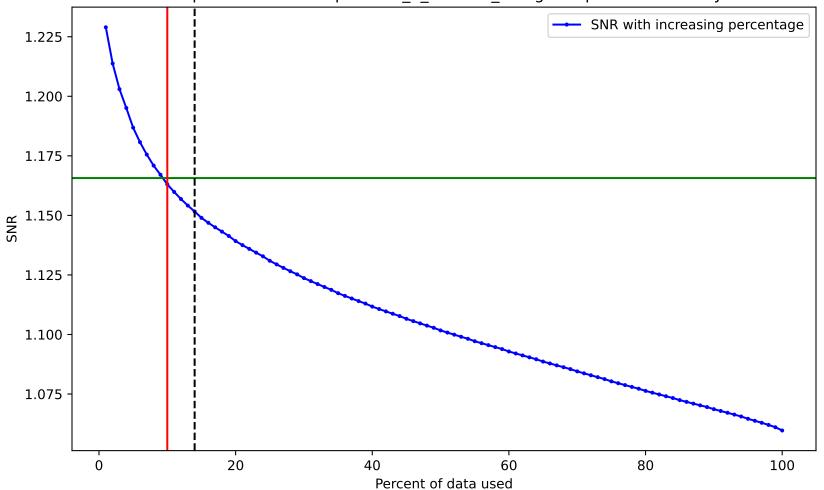
SNR variation for top n% of data for spectrum\_4\_cams24\_vmag8.34.pow. Drowned by noise at 10.0%.



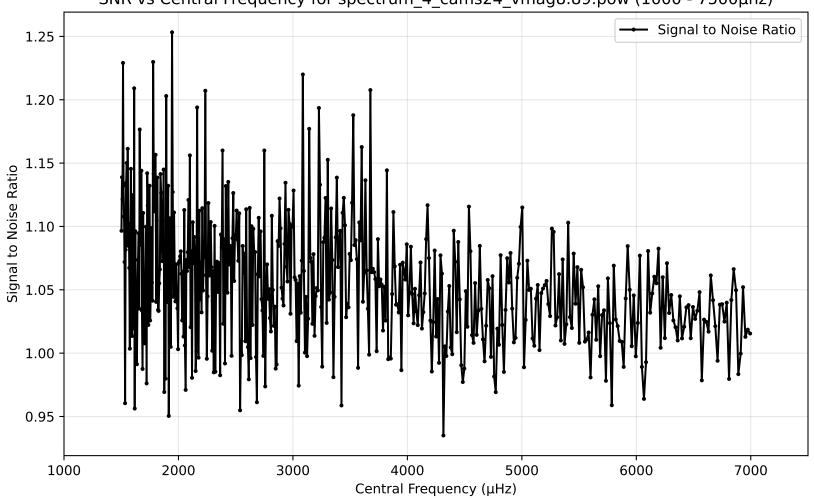
SNR vs Central Frequency for spectrum\_4\_cams24\_vmag8.78.pow (1000 - 7500µhz)



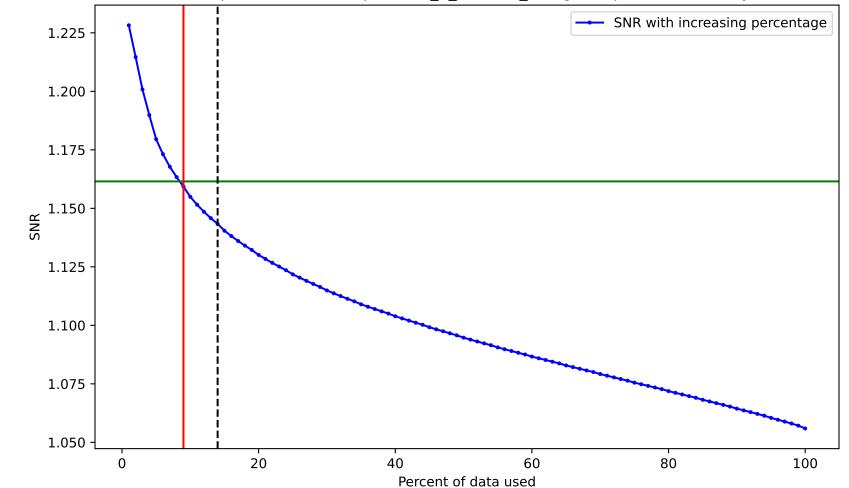
SNR variation for top n% of data for spectrum\_4\_cams24\_vmag8.78.pow. Drowned by noise at 10.0%.



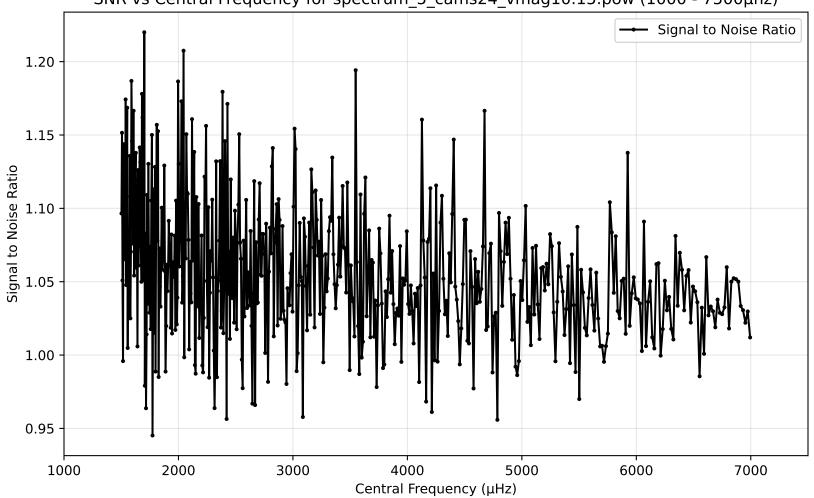
SNR vs Central Frequency for spectrum\_4\_cams24\_vmag8.89.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_4\_cams24\_vmag8.89.pow. Drowned by noise at 9.0%.



SNR vs Central Frequency for spectrum\_5\_cams24\_vmag10.15.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_5\_cams24\_vmag10.15.pow. Drowned by noise at 7.0%. 1.20 -SNR with increasing percentage 1.18 1.16 -1.14 1.12 1.10 1.08 1.06

60

Percent of data used

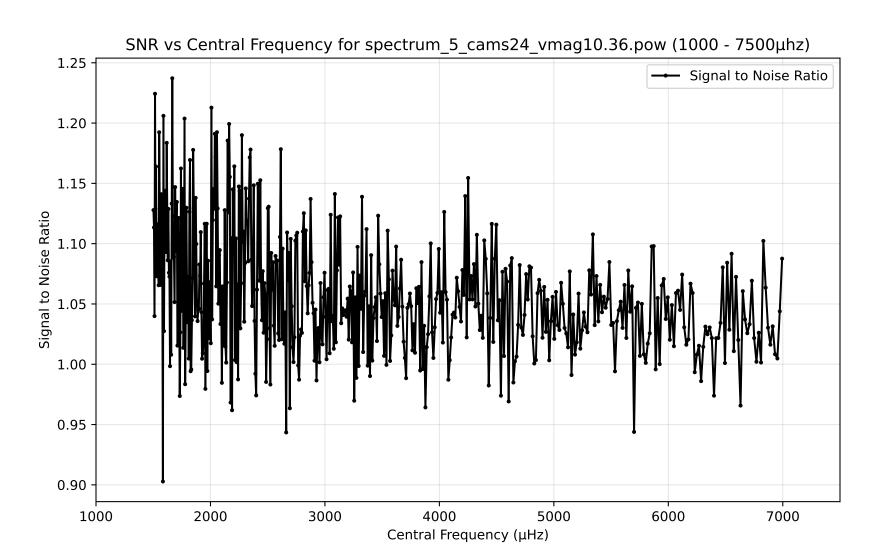
80

100

40

20

SNR



SNR variation for top n% of data for spectrum\_5\_cams24\_vmag10.36.pow. Drowned by noise at 9.0%. 1.22 SNR with increasing percentage 1.20 1.18 1.16 뜻 1.14 · 1.12 1.10 1.08 1.06

60

Percent of data used

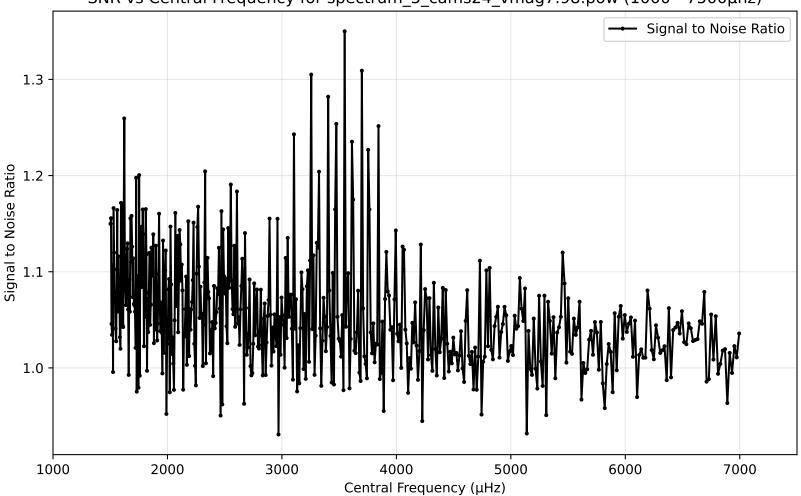
80

100

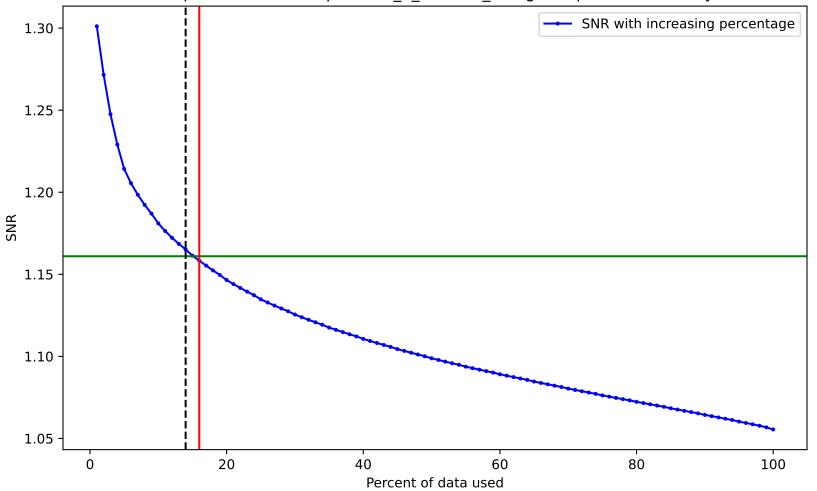
40

20

SNR vs Central Frequency for spectrum\_5\_cams24\_vmag7.98.pow (1000 - 7500µhz)



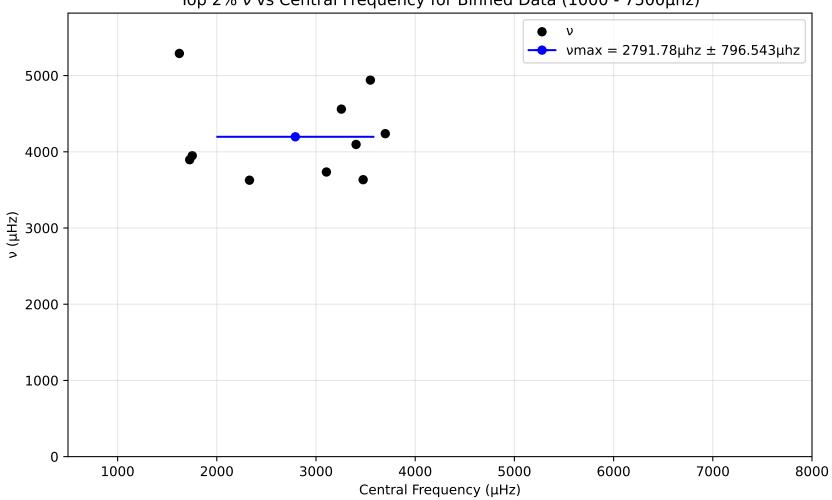
SNR variation for top n% of data for spectrum\_5\_cams24\_vmag7.98.pow. Drowned by noise at 16.0%.



ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Central Frequency (µHz)

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)

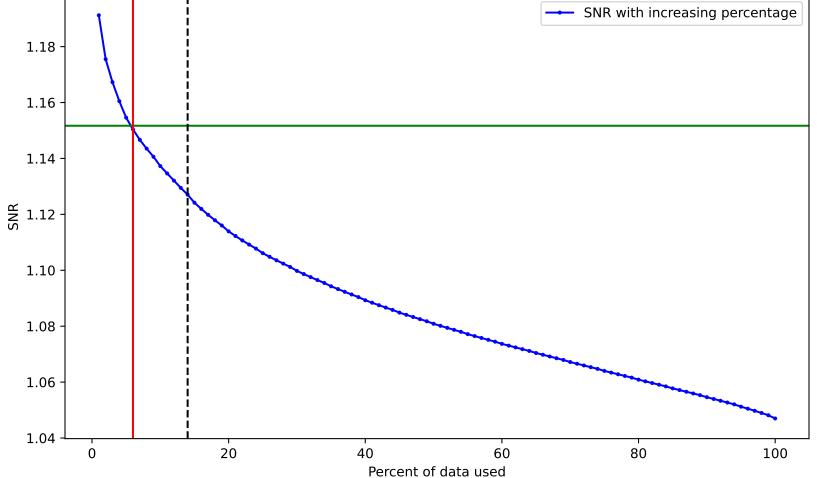


SNR vs Central Frequency for spectrum\_5\_cams24\_vmag8.79.pow (1000 - 7500µhz) Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95 0.90 1000 2000 3000 4000 5000 6000 7000

Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_5\_cams24\_vmag8.79.pow. Drowned by noise at 6.0%.

SNR with increasing percentage



SNR vs Central Frequency for spectrum\_5\_cams24\_vmag9.11.pow (1000 - 7500µhz) Signal to Noise Ratio

4000

Central Frequency (µHz)

5000

6000

7000

1.20

1.15

Signal to Noise Ratio

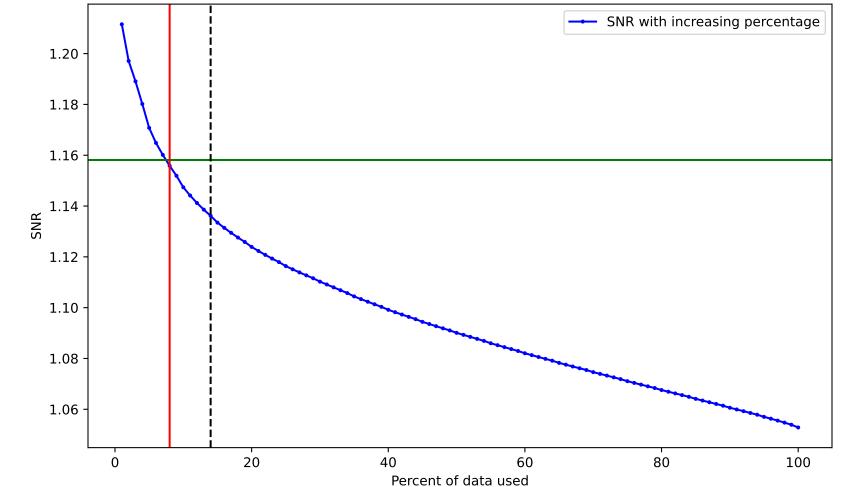
1.00

0.95

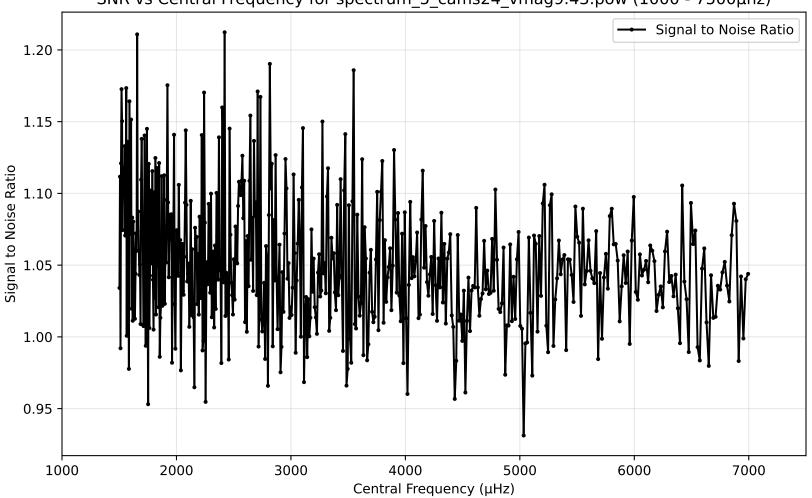
1000

2000

SNR variation for top n% of data for spectrum\_5\_cams24\_vmag9.11.pow. Drowned by noise at 8.0%.



SNR vs Central Frequency for spectrum\_5\_cams24\_vmag9.43.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_5\_cams24\_vmag9.43.pow. Drowned by noise at 6.0%. 1.20 -SNR with increasing percentage 1.18 1.16 1.14 X 1.12 1.10 1.08 1.06

60

Percent of data used

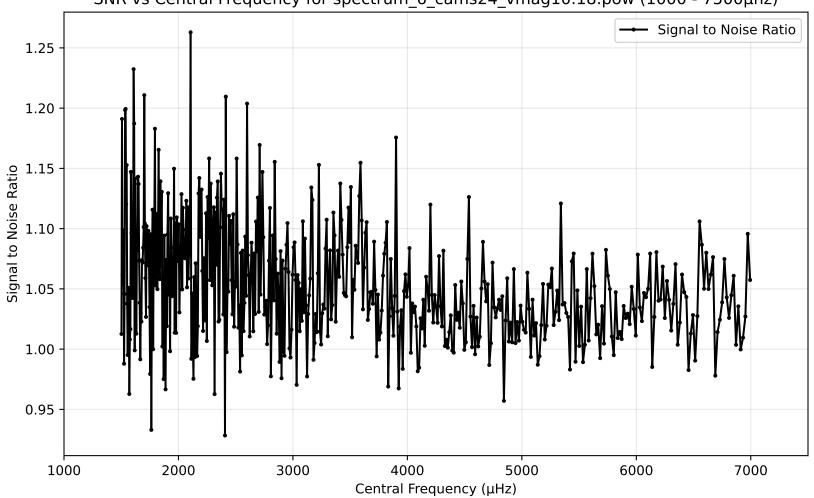
80

100

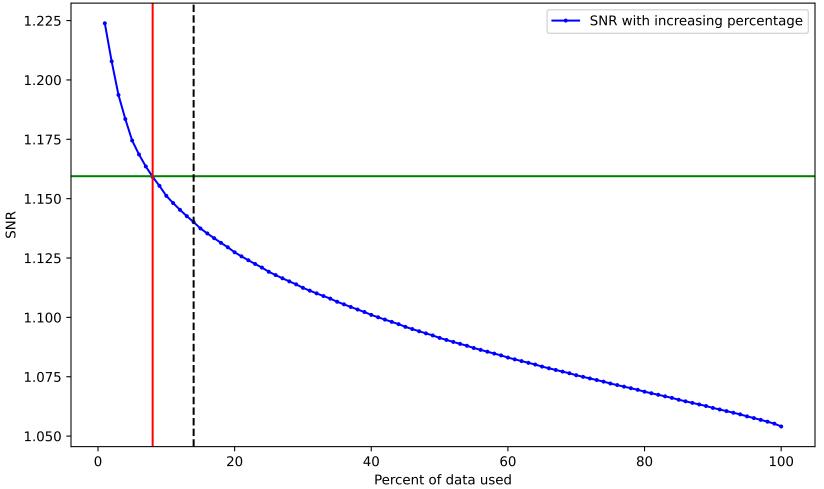
40

0

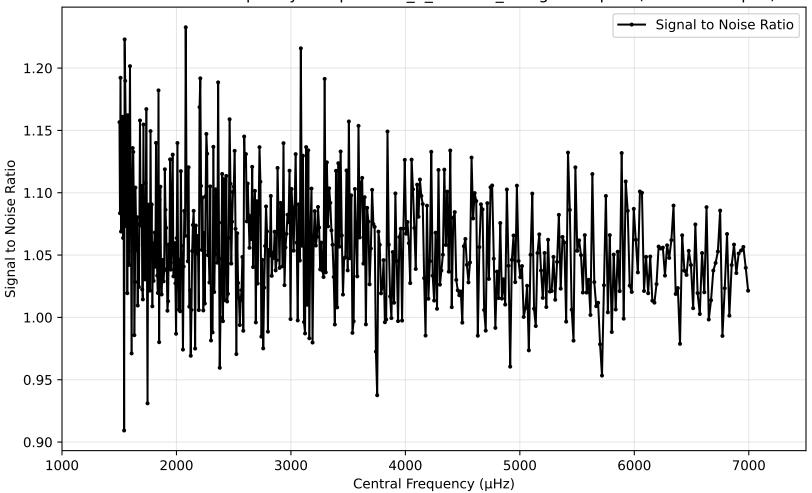
SNR vs Central Frequency for spectrum\_6\_cams24\_vmag10.18.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_6\_cams24\_vmag10.18.pow. Drowned by noise at 8.0%.

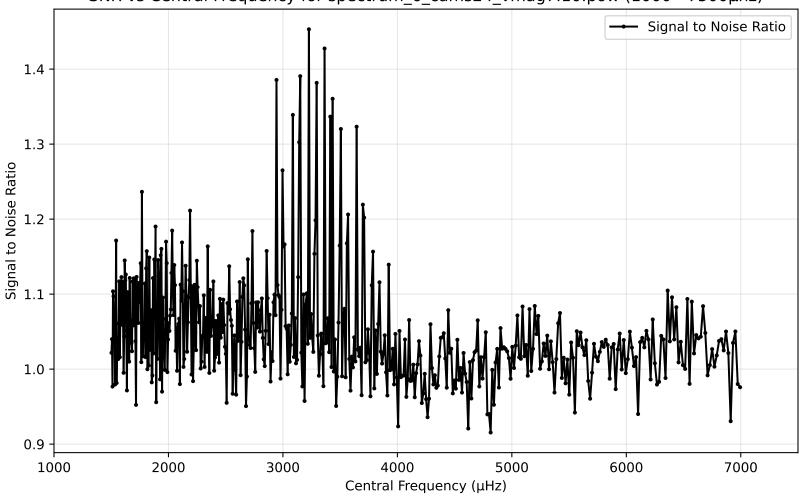


SNR vs Central Frequency for spectrum\_6\_cams24\_vmag10.50.pow (1000 - 7500µhz)

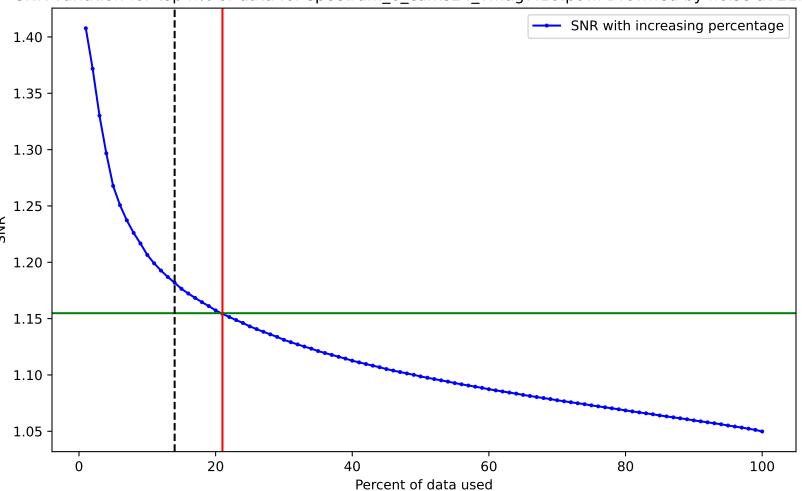


SNR variation for top n% of data for spectrum\_6\_cams24\_vmag10.50.pow. Drowned by noise at 7.0%. 1.22 SNR with increasing percentage 1.20 1.18 -1.16 X 1.14 -1.12 1.10 -1.08 1.06 20 40 60 80 100 0 Percent of data used

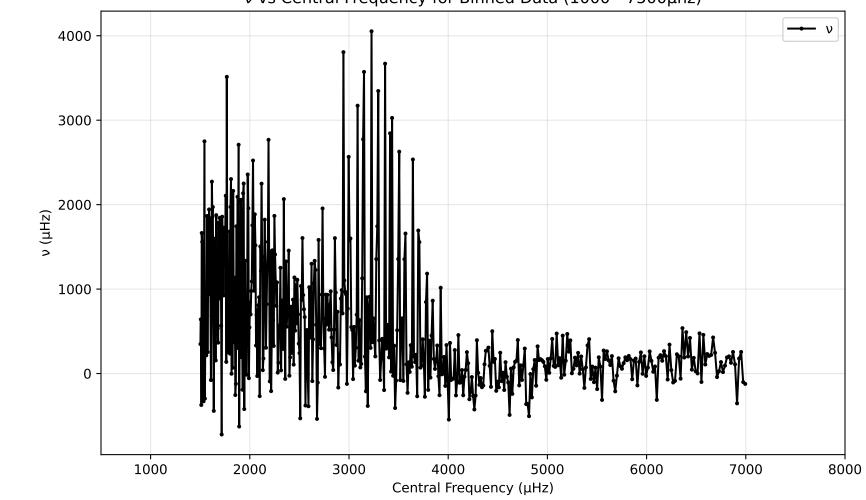
SNR vs Central Frequency for spectrum\_6\_cams24\_vmag7.10.pow (1000 - 7500µhz)



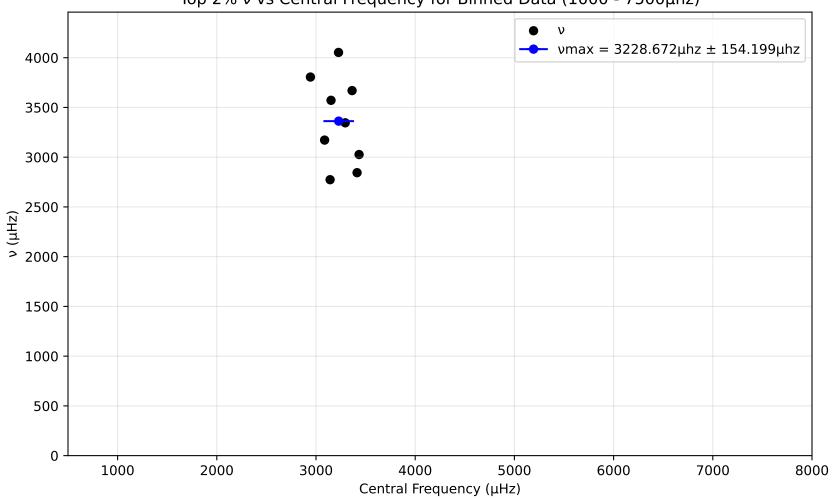
SNR variation for top n% of data for spectrum\_6\_cams24\_vmag7.10.pow. Drowned by noise at 21.0%.



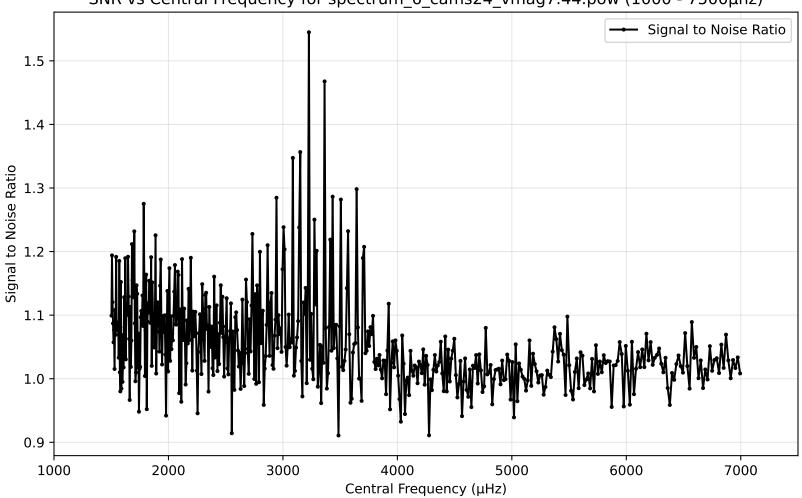
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz)



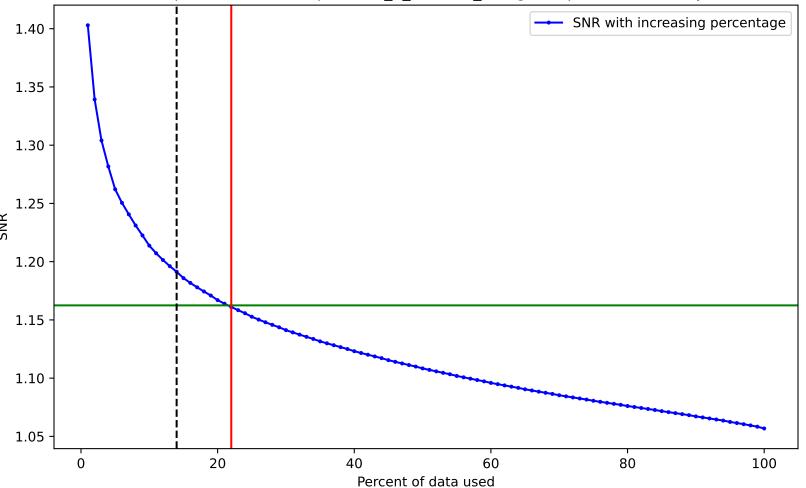
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



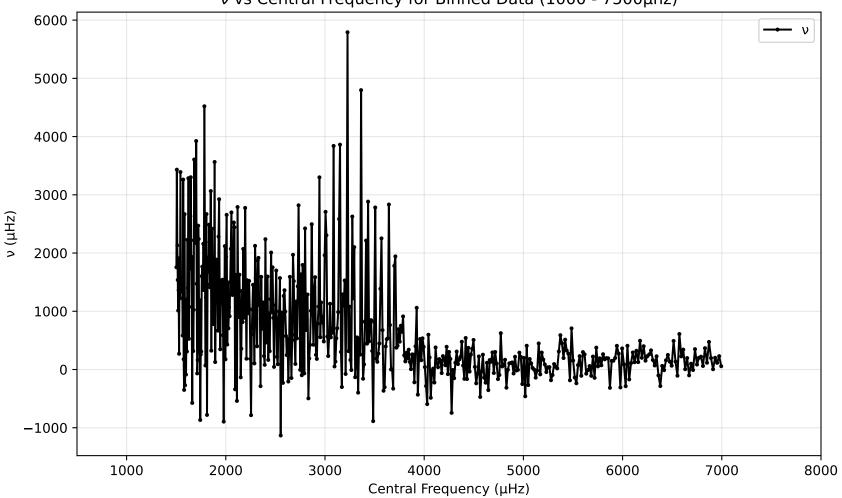
SNR vs Central Frequency for spectrum\_6\_cams24\_vmag7.44.pow (1000 - 7500µhz)



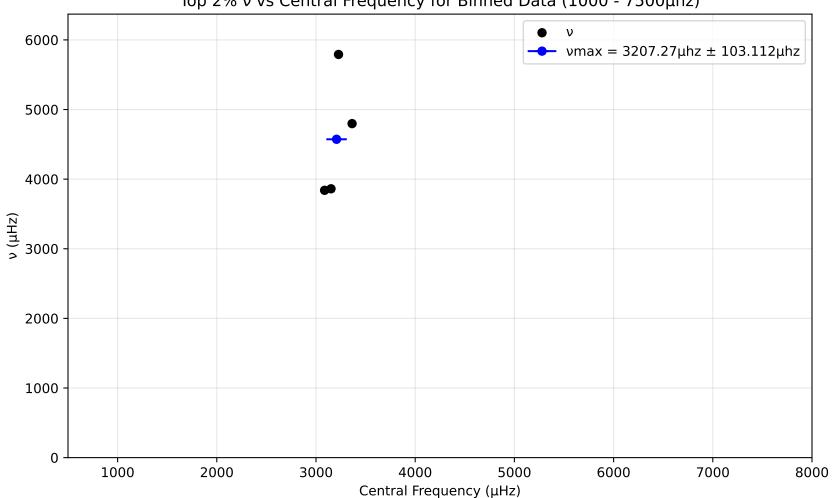
SNR variation for top n% of data for spectrum\_6\_cams24\_vmag7.44.pow. Drowned by noise at 22.0%.



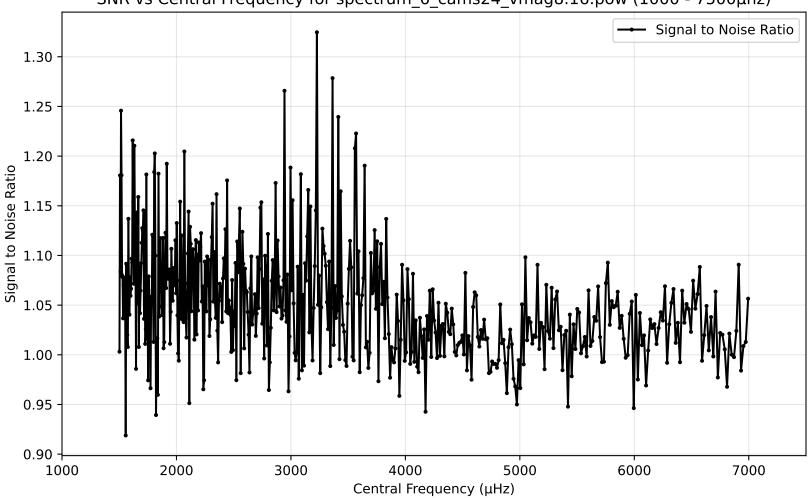
ν vs Central Frequency for Binned Data (1000 - 7500μhz)



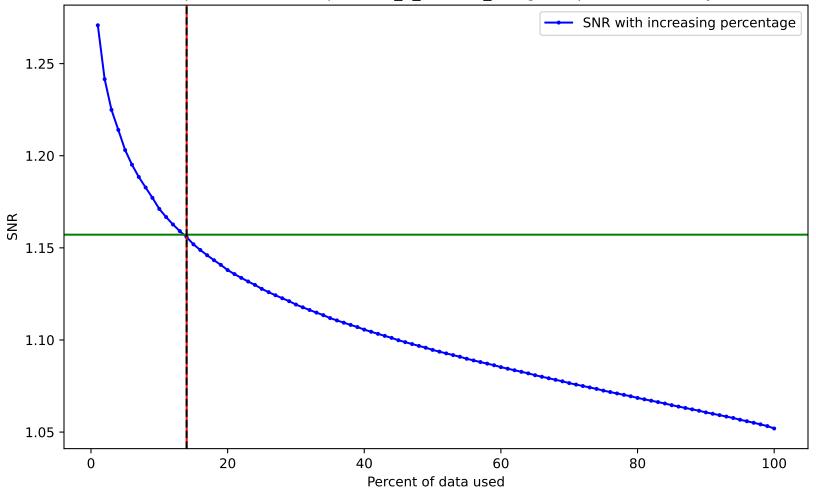
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



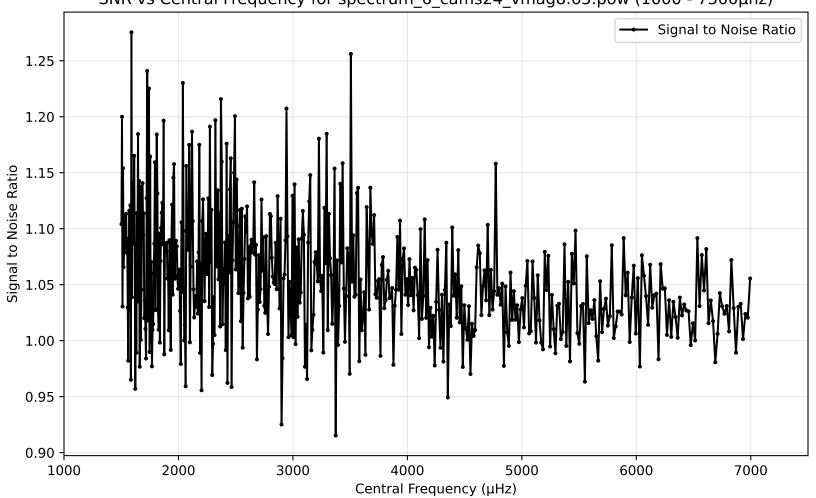
SNR vs Central Frequency for spectrum\_6\_cams24\_vmag8.16.pow (1000 - 7500µhz)



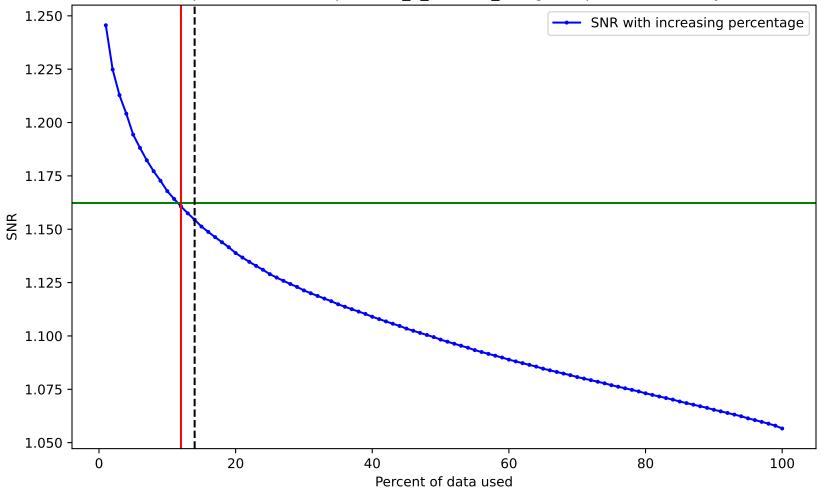
SNR variation for top n% of data for spectrum\_6\_cams24\_vmag8.16.pow. Drowned by noise at 14.0%.



SNR vs Central Frequency for spectrum\_6\_cams24\_vmag8.65.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_6\_cams24\_vmag8.65.pow. Drowned by noise at 12.0%.



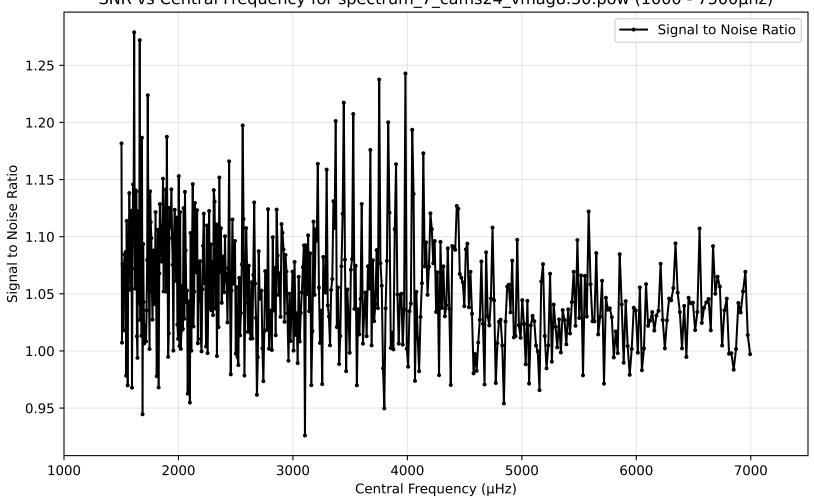
SNR vs Central Frequency for spectrum\_7\_cams24\_vmag10.31.pow (1000 - 7500µhz) 1.25 -Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.10 1.00 0.95 1000 2000 3000 4000 6000 7000 5000

Central Frequency (µHz)

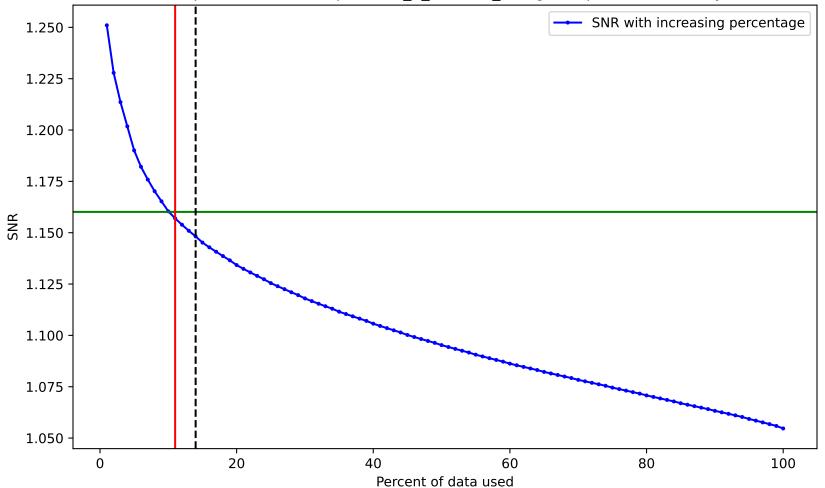
SNR variation for top n% of data for spectrum\_7\_cams24\_vmag10.31.pow. Drowned by noise at 8.0%. 1.22 SNR with increasing percentage 1.20 1.18 1.16 X 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

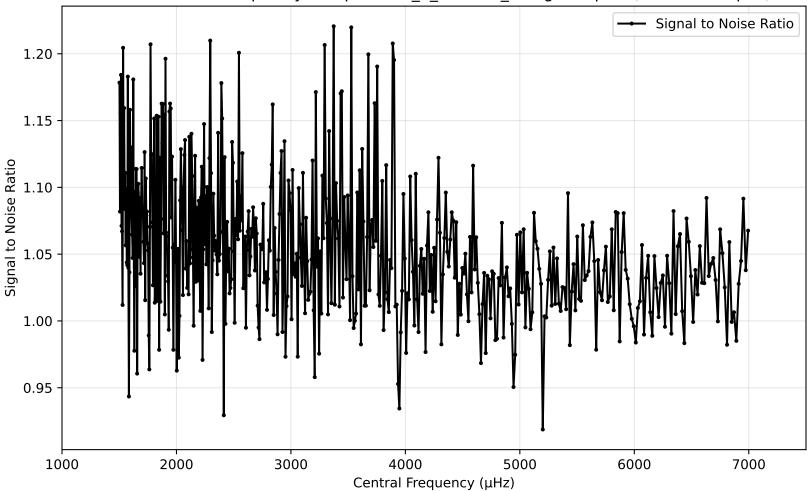
SNR vs Central Frequency for spectrum\_7\_cams24\_vmag8.30.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_7\_cams24\_vmag8.30.pow. Drowned by noise at 11.0%.



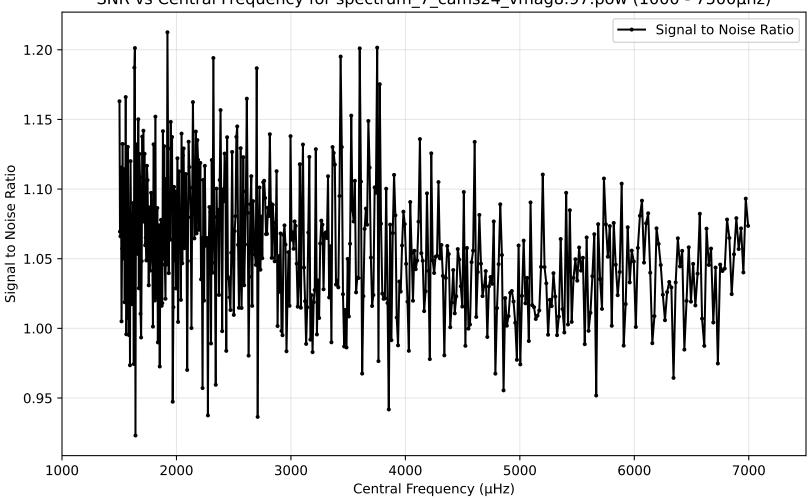
SNR vs Central Frequency for spectrum\_7\_cams24\_vmag8.36.pow (1000 - 7500µhz)



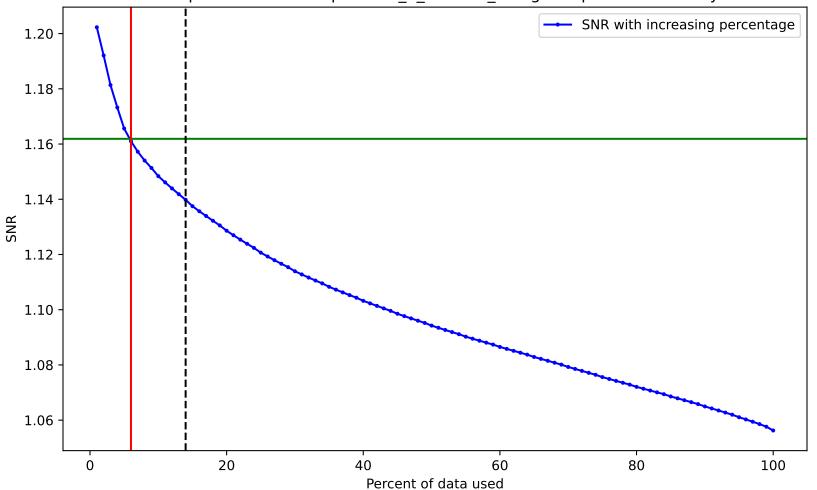
SNR variation for top n% of data for spectrum\_7\_cams24\_vmag8.36.pow. Drowned by noise at 12.0%. 1.22 SNR with increasing percentage 1.20 1.18 1.16 RS 1.14 1.12 1.10 -1.08 1.06 20 40 60 80 100

Percent of data used

SNR vs Central Frequency for spectrum\_7\_cams24\_vmag8.97.pow (1000 - 7500µhz)



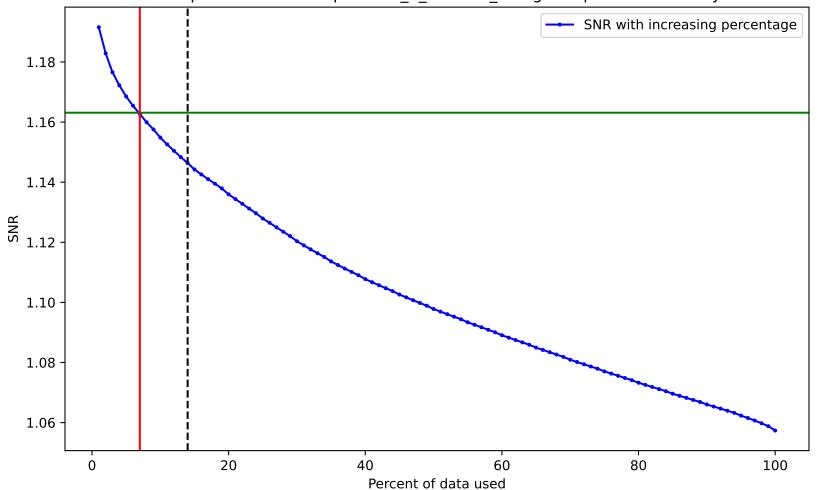
SNR variation for top n% of data for spectrum\_7\_cams24\_vmag8.97.pow. Drowned by noise at 6.0%.



SNR vs Central Frequency for spectrum\_7\_cams24\_vmag9.27.pow (1000 - 7500µhz) Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95 0.90 1000 2000 3000 4000 5000 6000 7000

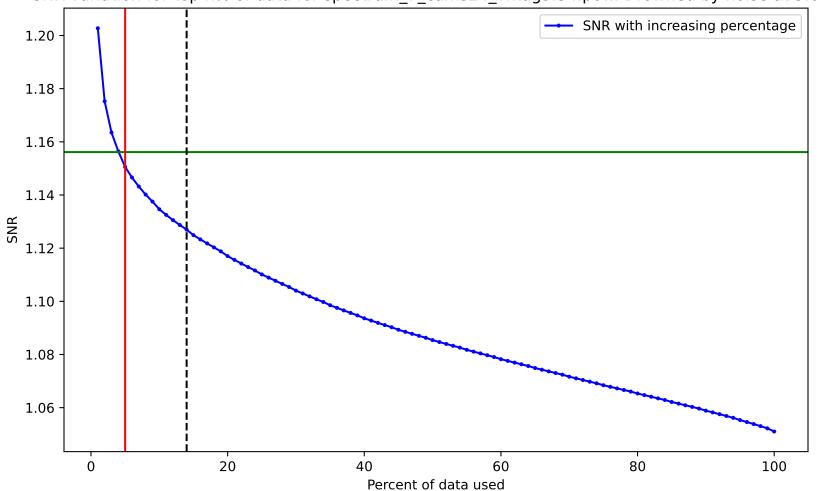
Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_7\_cams24\_vmag9.27.pow. Drowned by noise at 7.0%.

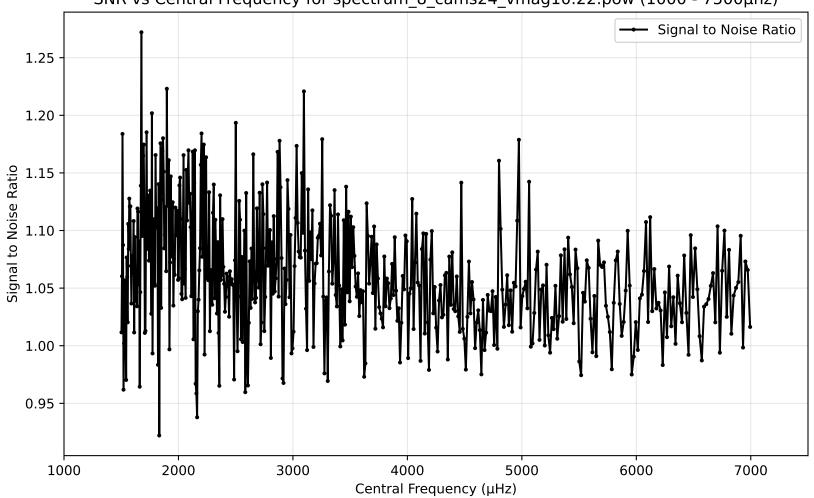


SNR vs Central Frequency for spectrum\_7\_cams24\_vmag9.34.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1:10 1.00 0.95 1000 2000 3000 4000 5000 6000 7000 Central Frequency (µHz)

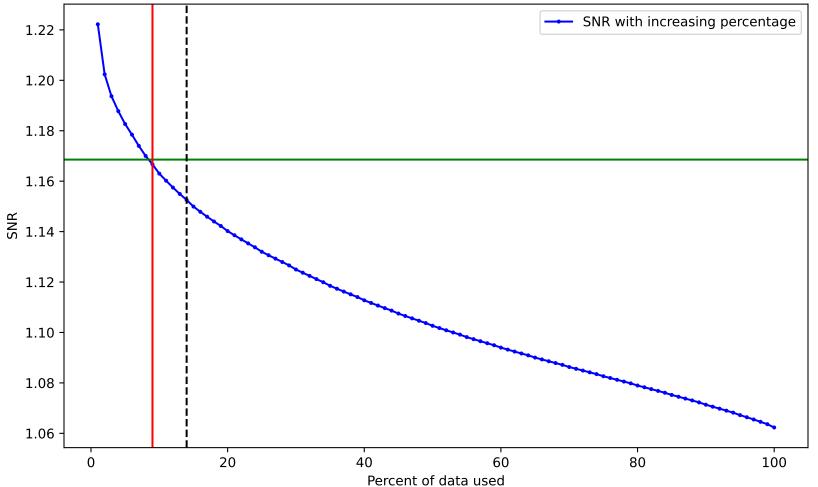
SNR variation for top n% of data for spectrum\_7\_cams24\_vmag9.34.pow. Drowned by noise at 5.0%.



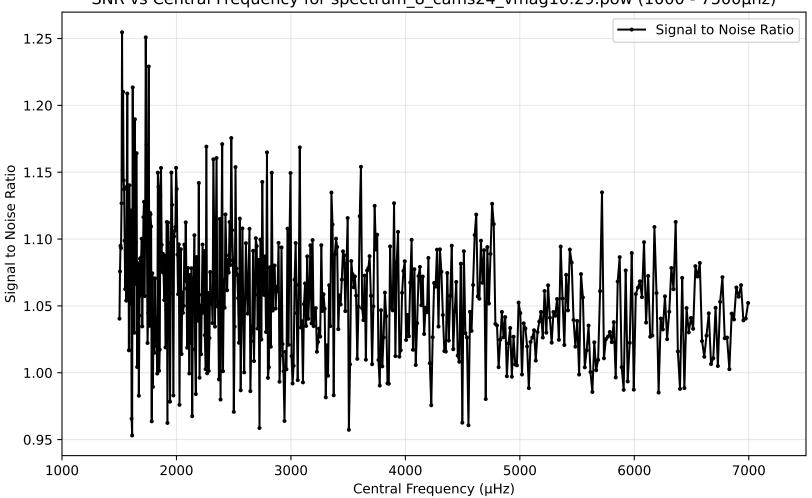
SNR vs Central Frequency for spectrum\_8\_cams24\_vmag10.22.pow (1000 - 7500µhz)



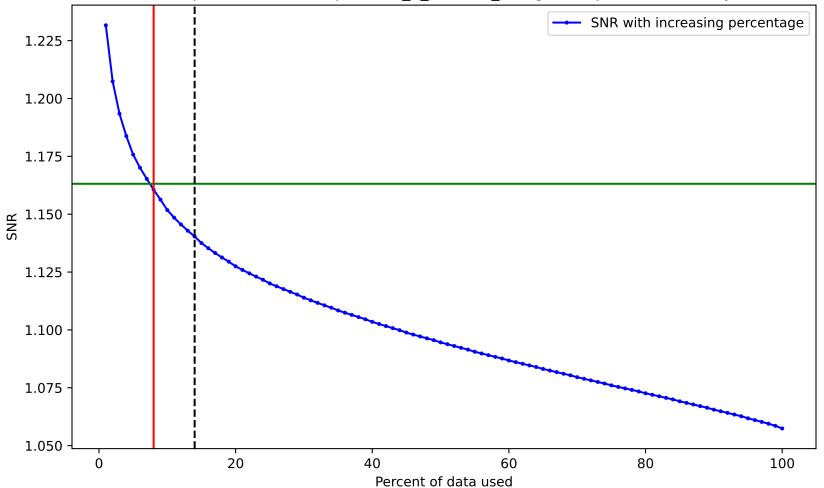
SNR variation for top n% of data for spectrum\_8\_cams24\_vmag10.22.pow. Drowned by noise at 9.0%.



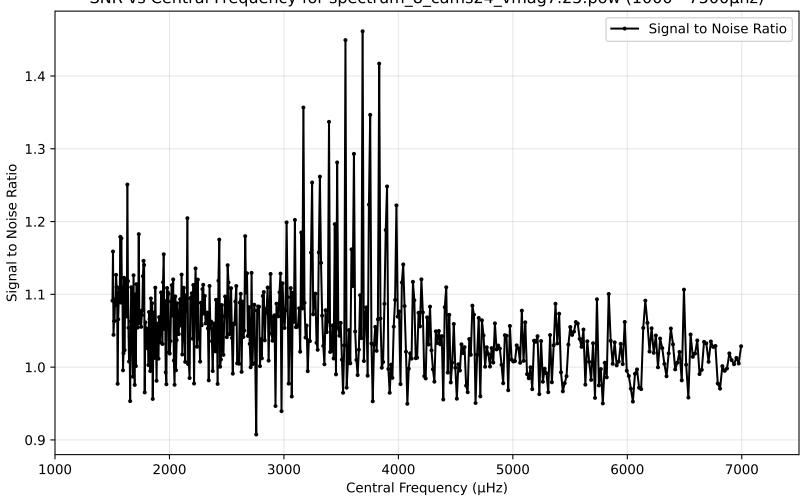
SNR vs Central Frequency for spectrum\_8\_cams24\_vmag10.29.pow (1000 - 7500µhz)



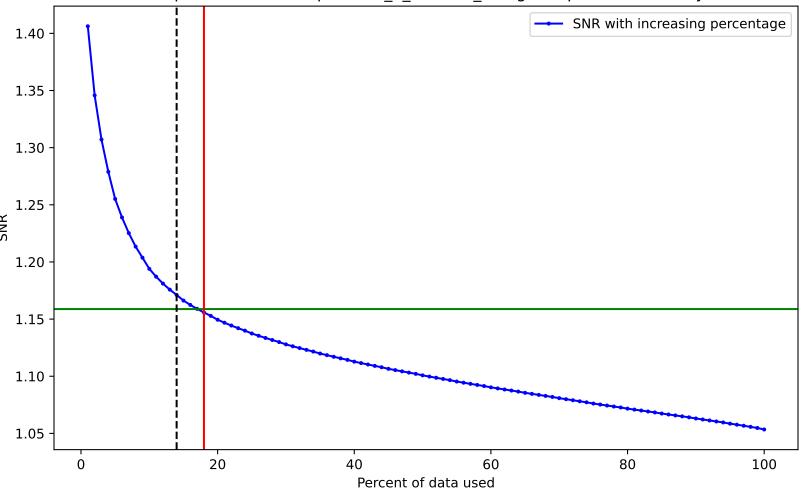
SNR variation for top n% of data for spectrum\_8\_cams24\_vmag10.29.pow. Drowned by noise at 8.0%.



SNR vs Central Frequency for spectrum\_8\_cams24\_vmag7.25.pow (1000 - 7500µhz)



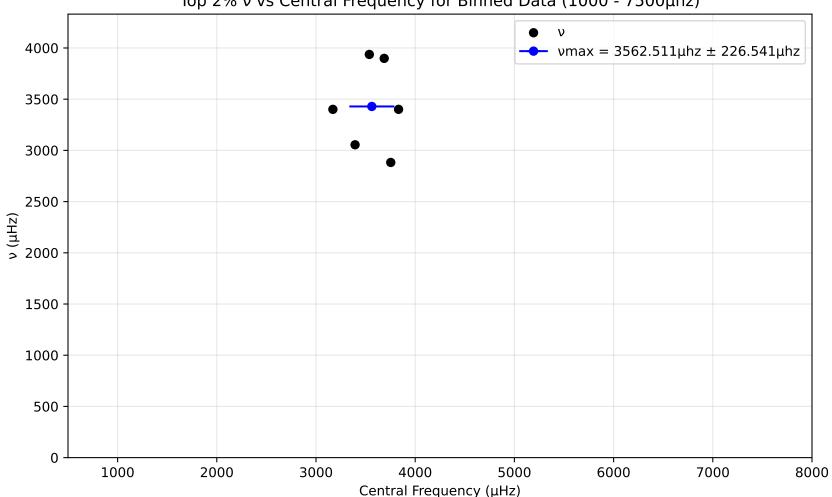
SNR variation for top n% of data for spectrum\_8\_cams24\_vmag7.25.pow. Drowned by noise at 18.0%.



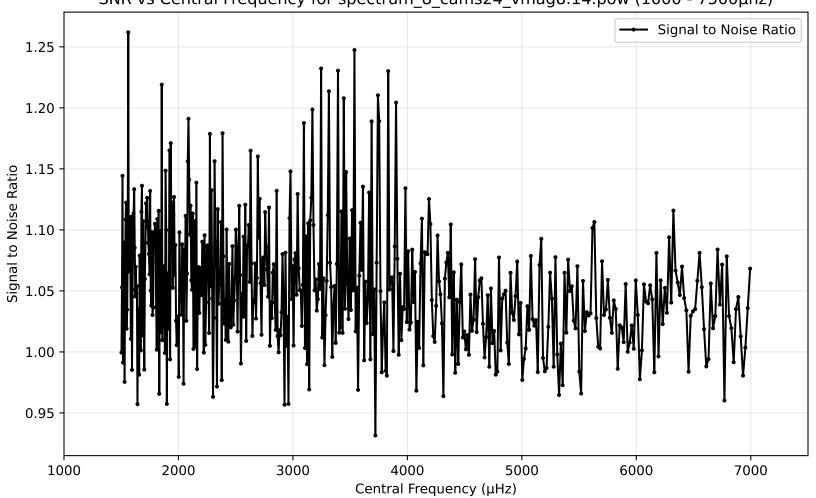
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 -

Central Frequency (µHz)

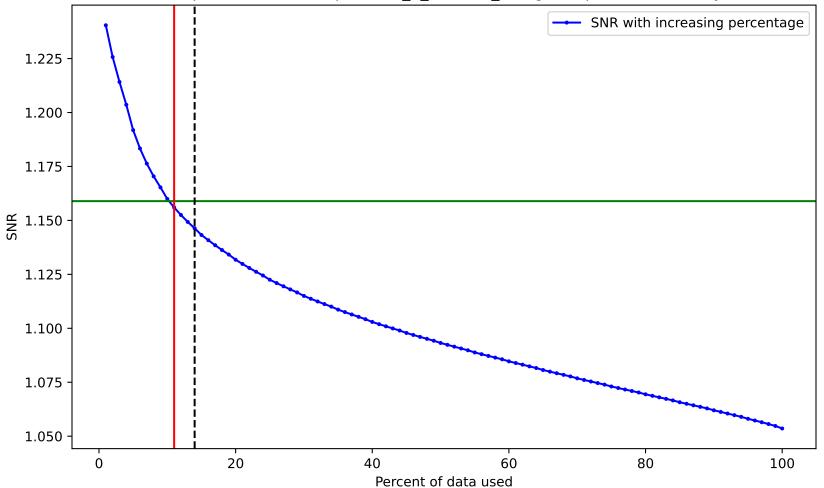
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_8\_cams24\_vmag8.14.pow (1000 - 7500µhz)



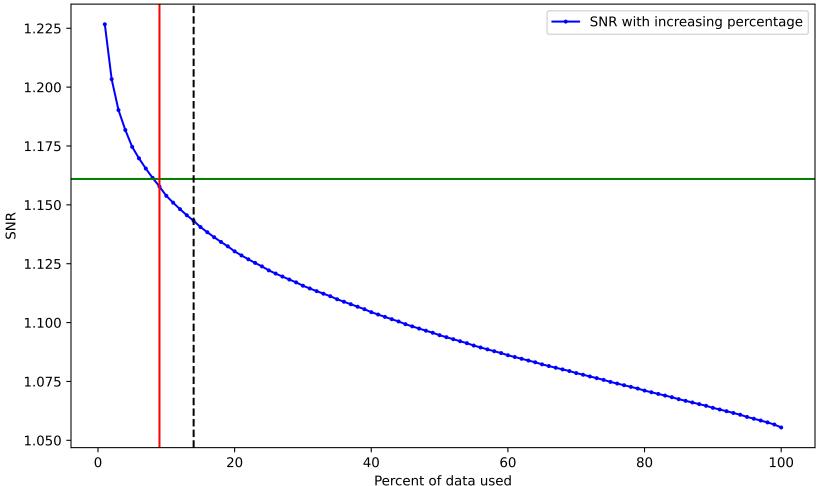
SNR variation for top n% of data for spectrum\_8\_cams24\_vmag8.14.pow. Drowned by noise at 11.0%.



SNR vs Central Frequency for spectrum\_8\_cams24\_vmag9.31.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 5000 6000 7000

Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_8\_cams24\_vmag9.31.pow. Drowned by noise at 9.0%.



SNR vs Central Frequency for spectrum\_8\_cams24\_vmag9.98.pow (1000 - 7500µhz) Signal to Noise Ratio 1.25 Signal to Noise Ratio

4000

Central Frequency (µHz)

5000

6000

7000

1.20

1.05

1.00

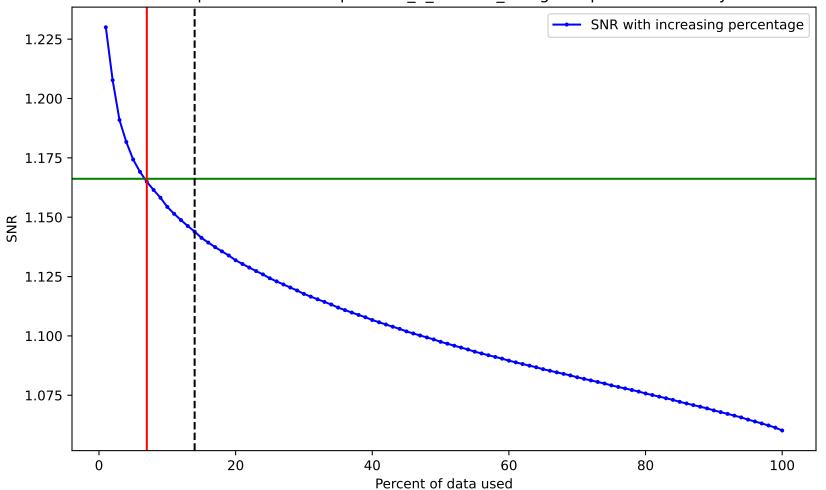
0.95

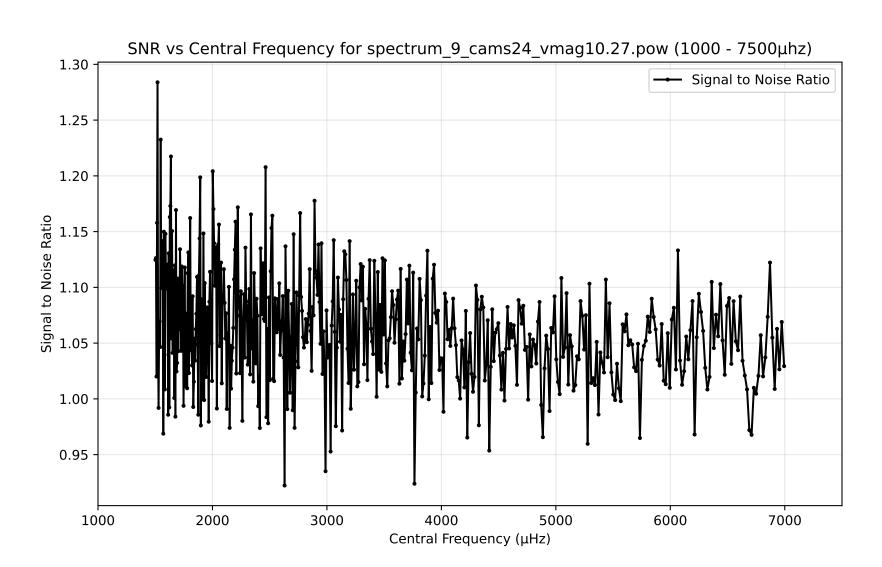
1000

2000

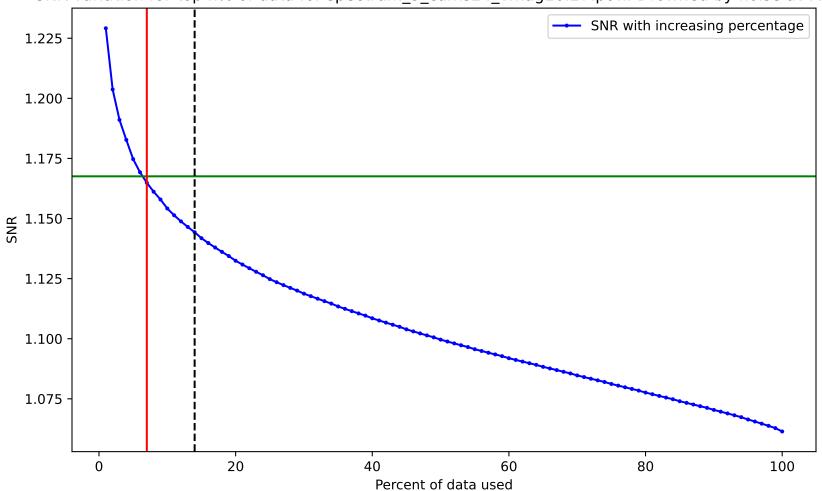
3000

SNR variation for top n% of data for spectrum\_8\_cams24\_vmag9.98.pow. Drowned by noise at 7.0%.

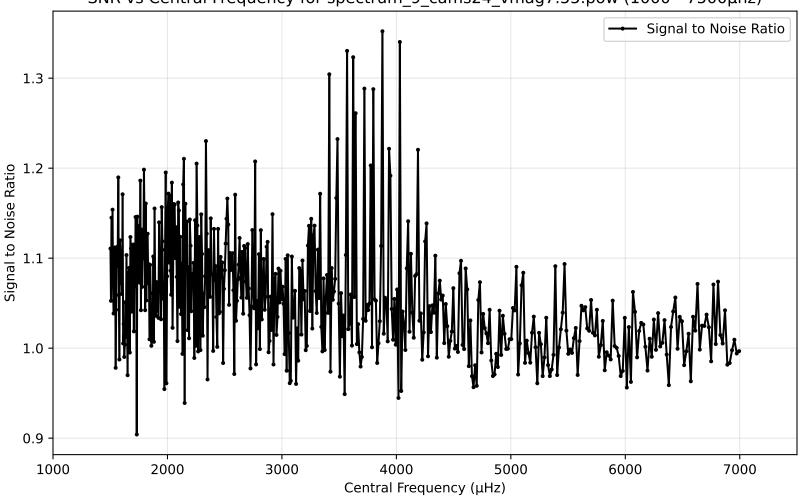




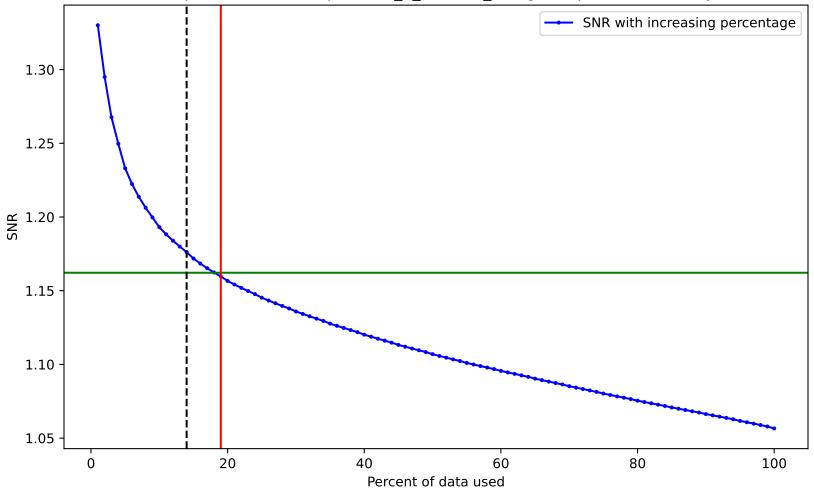
SNR variation for top n% of data for spectrum\_9\_cams24\_vmag10.27.pow. Drowned by noise at 7.0%.



SNR vs Central Frequency for spectrum\_9\_cams24\_vmag7.55.pow (1000 - 7500µhz)

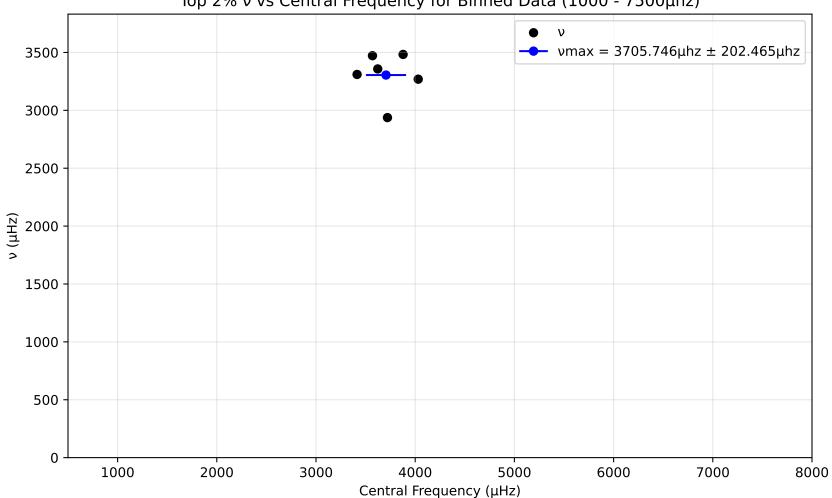


SNR variation for top n% of data for spectrum\_9\_cams24\_vmag7.55.pow. Drowned by noise at 19.0%.



 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz) v (µHz) -1000 Central Frequency (µHz)

Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_9\_cams24\_vmag8.36.pow (1000 - 7500µhz) Signal to Noise Ratio

4000

Central Frequency (µHz)

6000

5000

7000

1.20

1.15

Signal to Noise Ratio

1.00

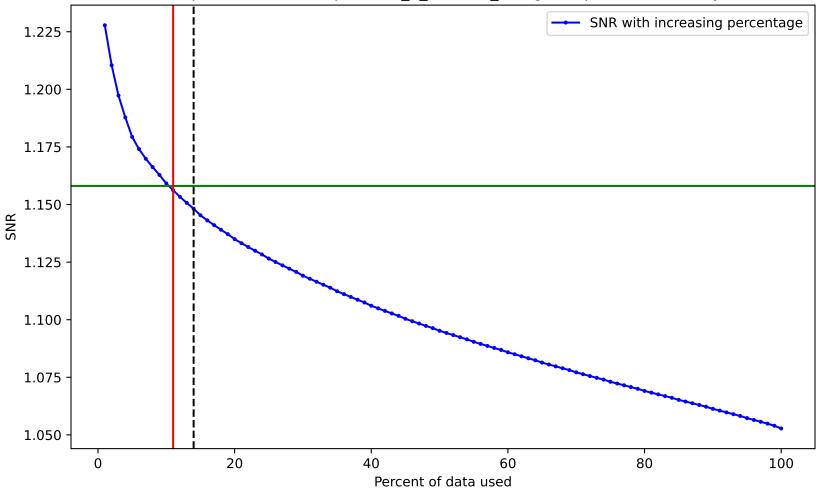
0.95

1000

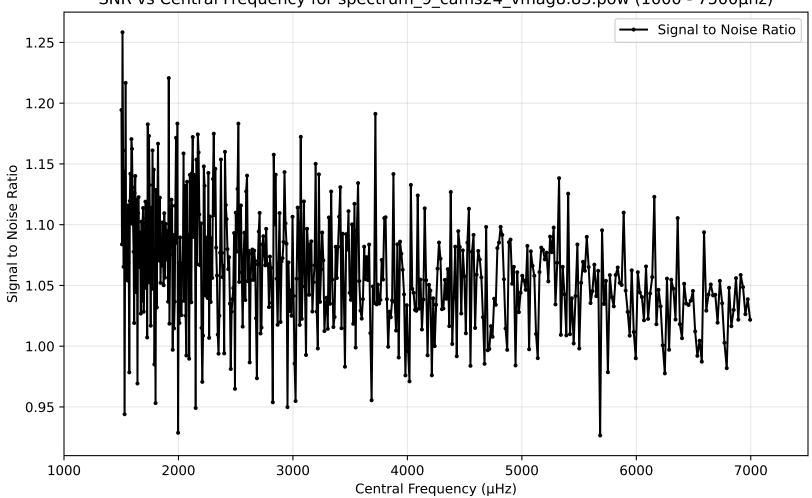
2000

3000

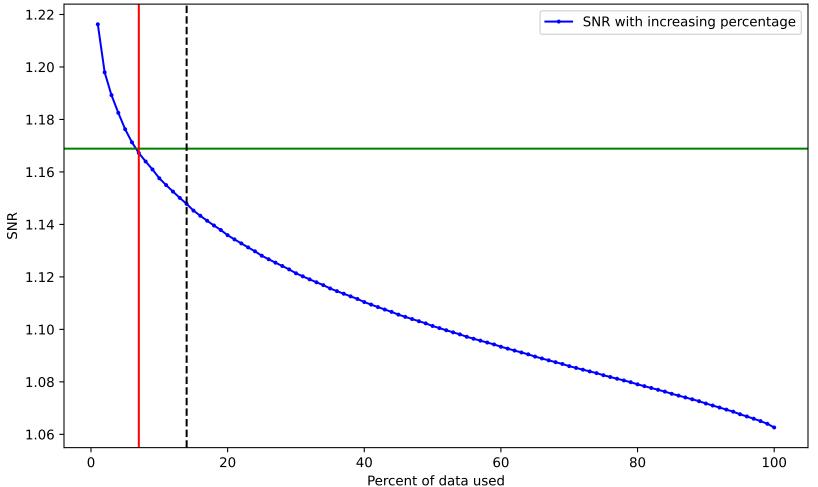
SNR variation for top n% of data for spectrum\_9\_cams24\_vmag8.36.pow. Drowned by noise at 11.0%.



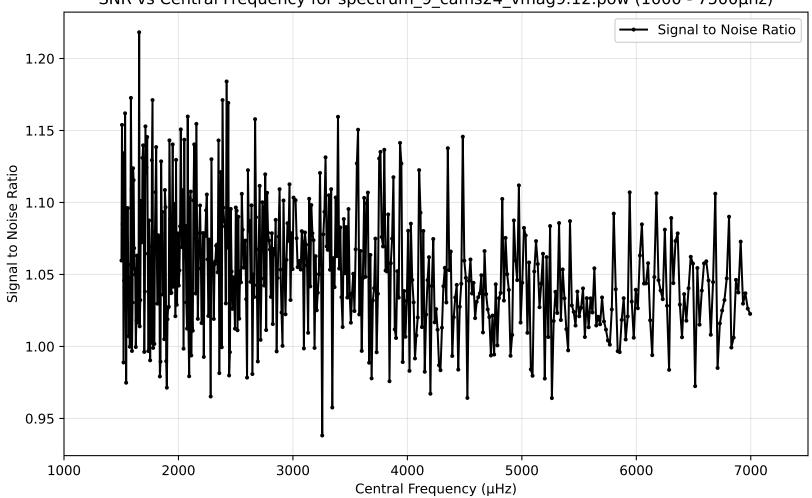
SNR vs Central Frequency for spectrum\_9\_cams24\_vmag8.83.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_9\_cams24\_vmag8.83.pow. Drowned by noise at 7.0%.



SNR vs Central Frequency for spectrum\_9\_cams24\_vmag9.12.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_9\_cams24\_vmag9.12.pow. Drowned by noise at 5.0%.

