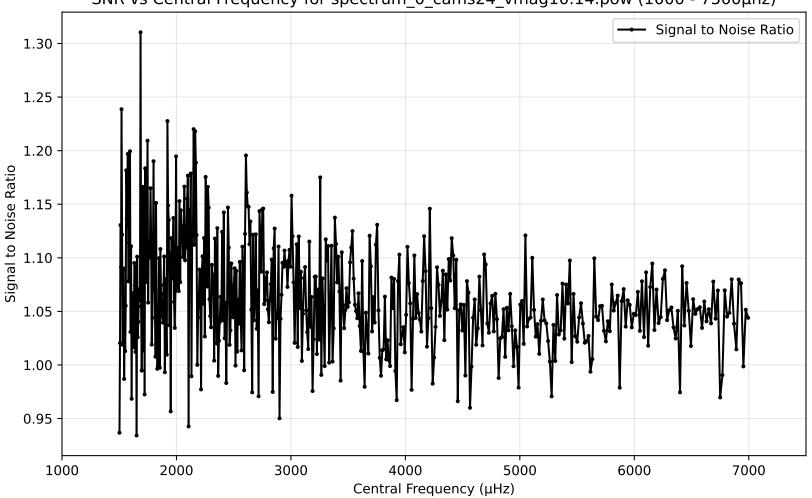
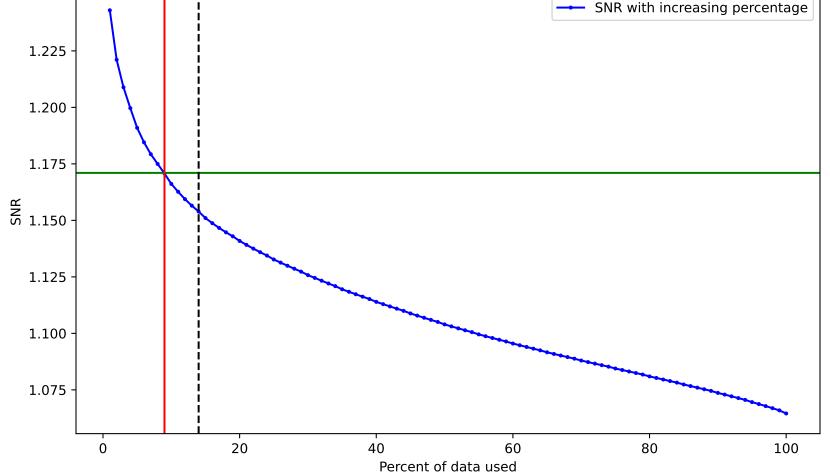
SNR vs Central Frequency for spectrum\_0\_cams24\_vmag10.14.pow (1000 - 7500µhz)

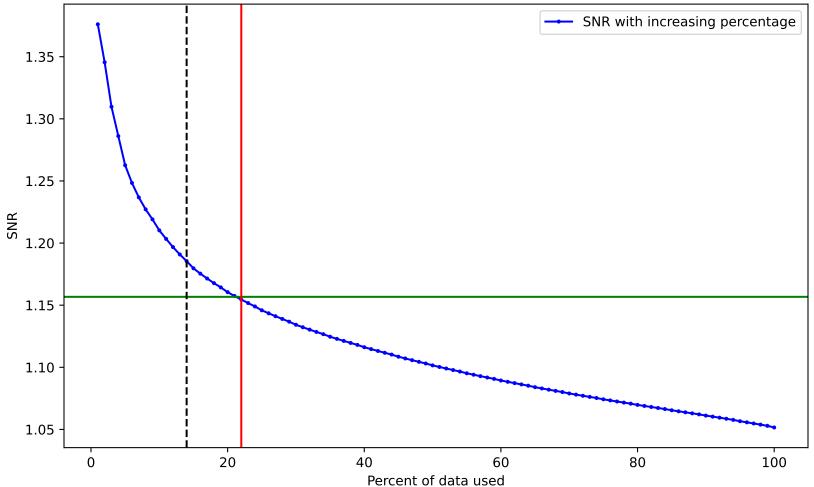


SNR variation for top n% of data for spectrum\_0\_cams24\_vmag10.14.pow. Drowned by noise at 9.0%. 1.250 -SNR with increasing percentage



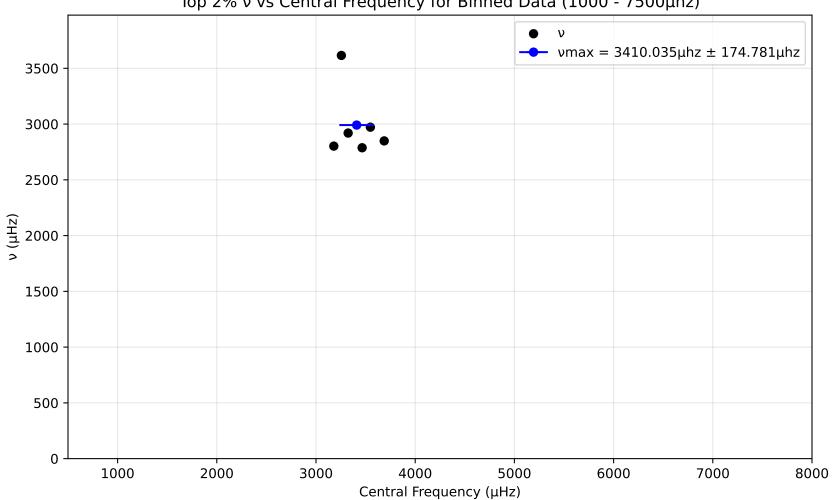
SNR vs Central Frequency for spectrum\_0\_cams24\_vmag7.02.pow (1000 - 7500µhz) Signal to Noise Ratio 1.4 1.3 Signal to Noise Ratio 1.2 1.0 0.9 1000 2000 3000 4000 5000 6000 7000

SNR variation for top n% of data for spectrum\_0\_cams24\_vmag7.02.pow. Drowned by noise at 22.0%.



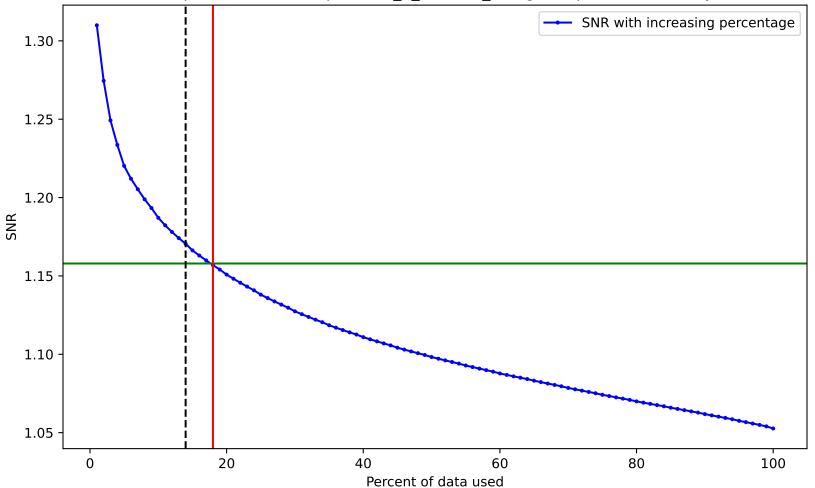
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

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



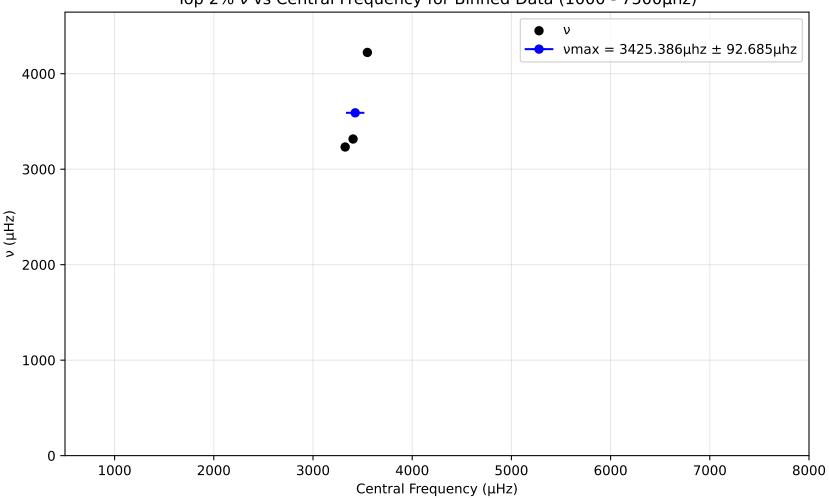
SNR vs Central Frequency for spectrum\_0\_cams24\_vmag7.59.pow (1000 - 7500µhz) 1.4 Signal to Noise Ratio 1.3 Signal to Noise Ratio 1.2 1.1 1.0 0.9 1000 2000 3000 4000 5000 6000 7000

SNR variation for top n% of data for spectrum\_0\_cams24\_vmag7.59.pow. Drowned by noise at 18.0%.

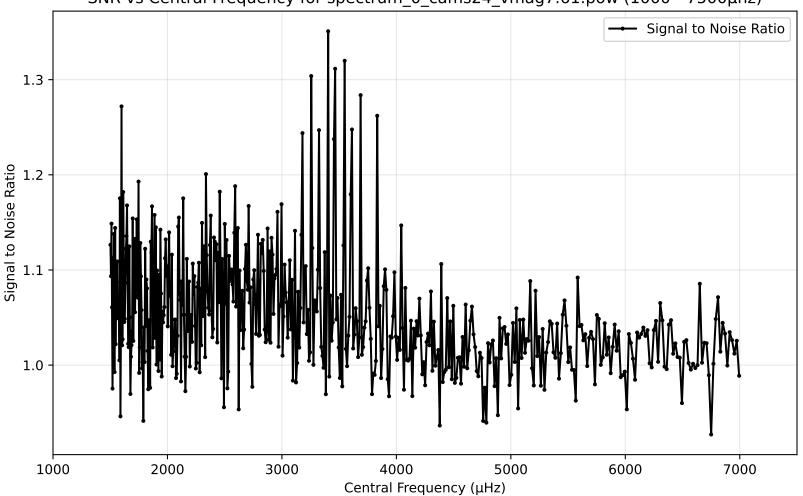


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

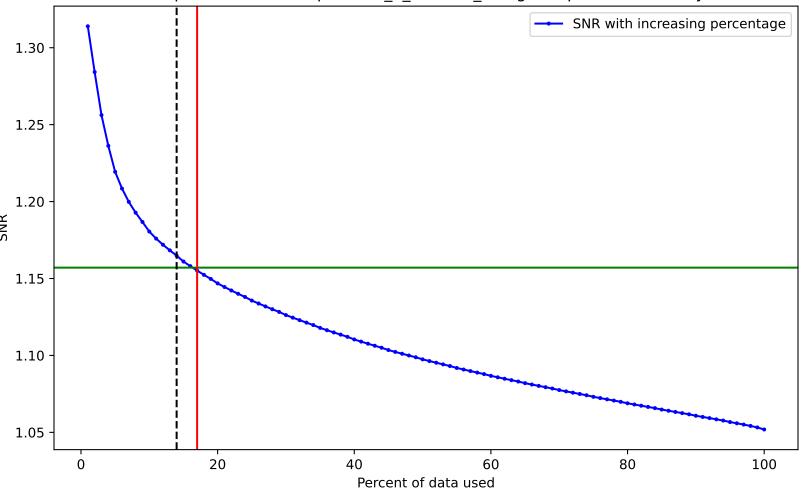
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_0\_cams24\_vmag7.61.pow (1000 - 7500µhz)

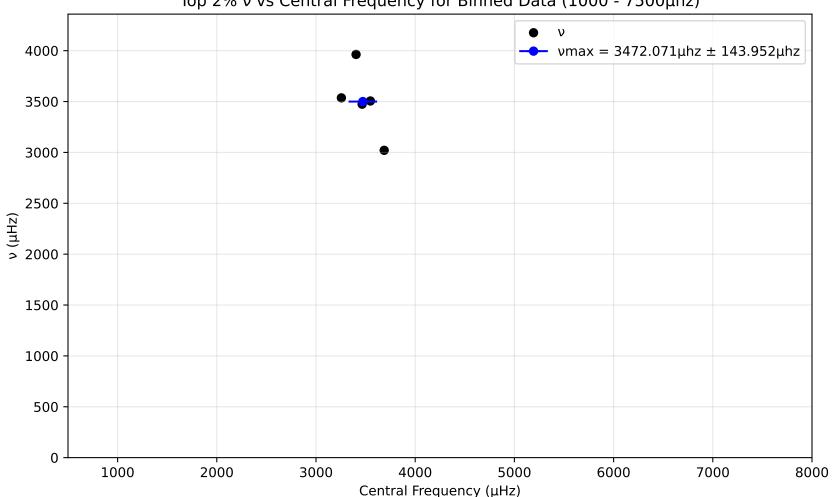


SNR variation for top n% of data for spectrum\_0\_cams24\_vmag7.61.pow. Drowned by noise at 17.0%.

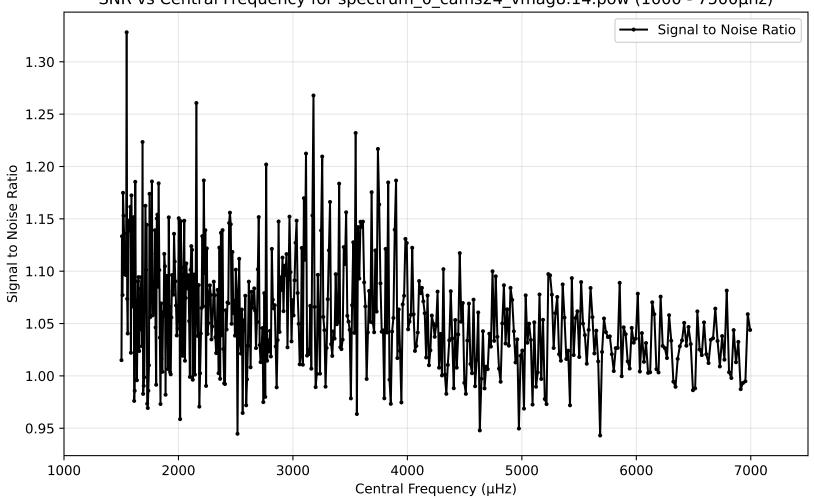


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

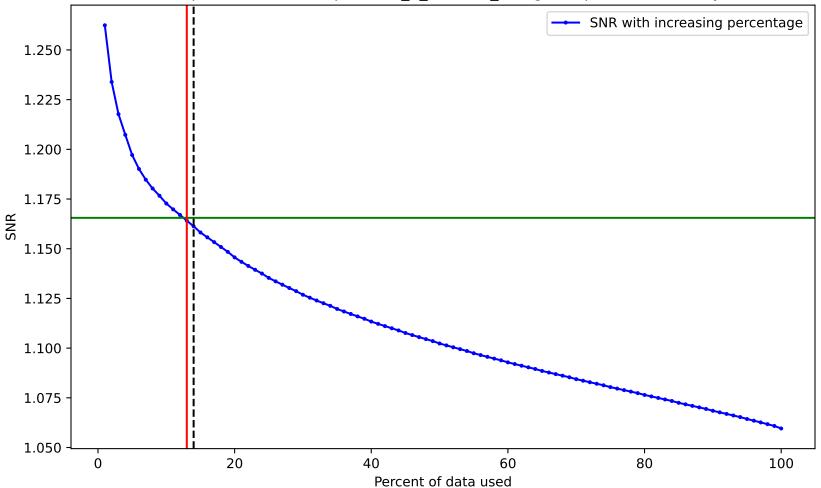
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



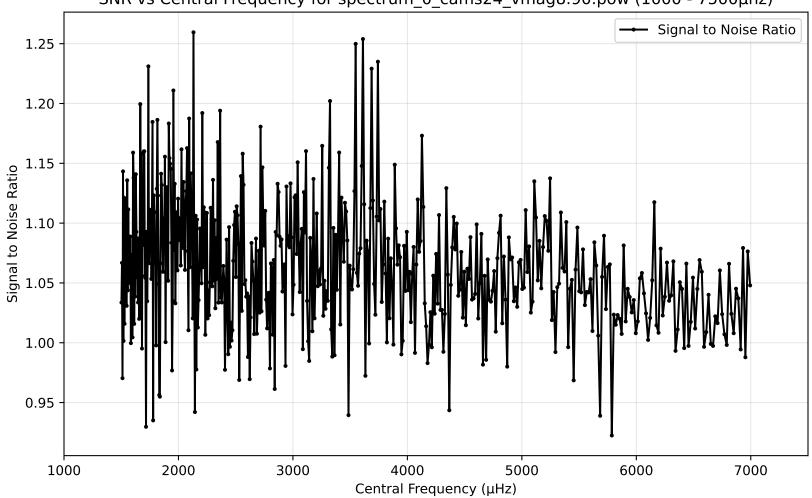
SNR vs Central Frequency for spectrum\_0\_cams24\_vmag8.14.pow (1000 - 7500µhz)



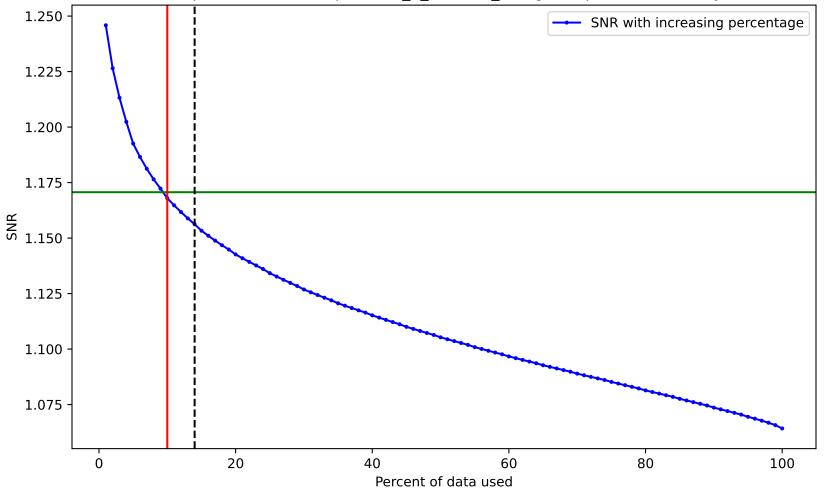
SNR variation for top n% of data for spectrum\_0\_cams24\_vmag8.14.pow. Drowned by noise at 13.0%.



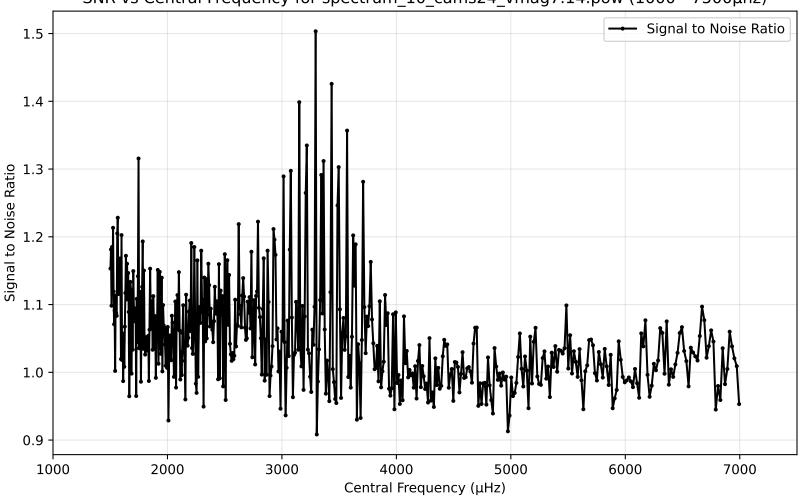
SNR vs Central Frequency for spectrum\_0\_cams24\_vmag8.90.pow (1000 - 7500µhz)



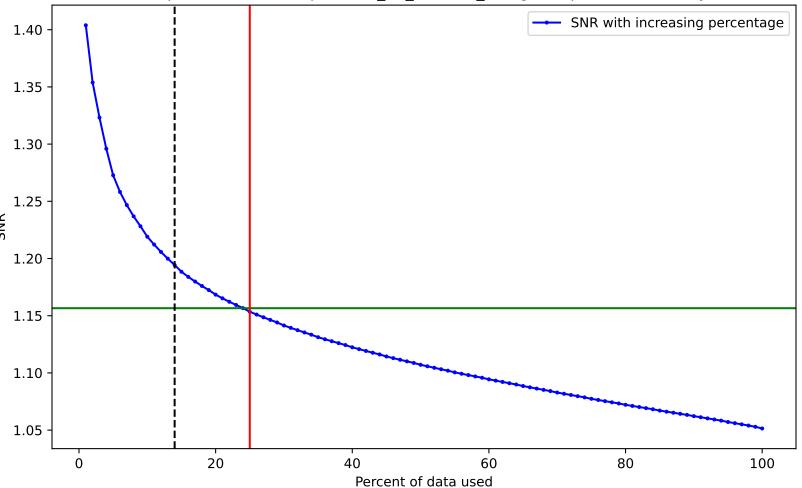
SNR variation for top n% of data for spectrum\_0\_cams24\_vmag8.90.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_10\_cams24\_vmag7.14.pow (1000 - 7500µhz)

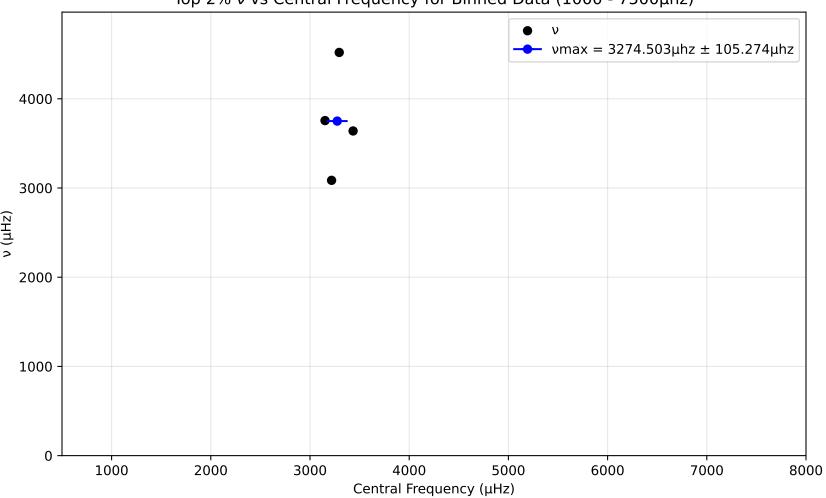


SNR variation for top n% of data for spectrum\_10\_cams24\_vmag7.14.pow. Drowned by noise at 25.0%.

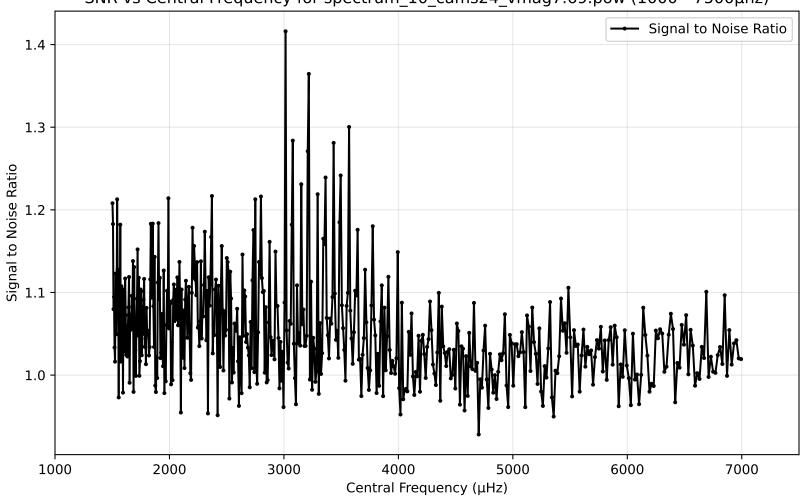


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

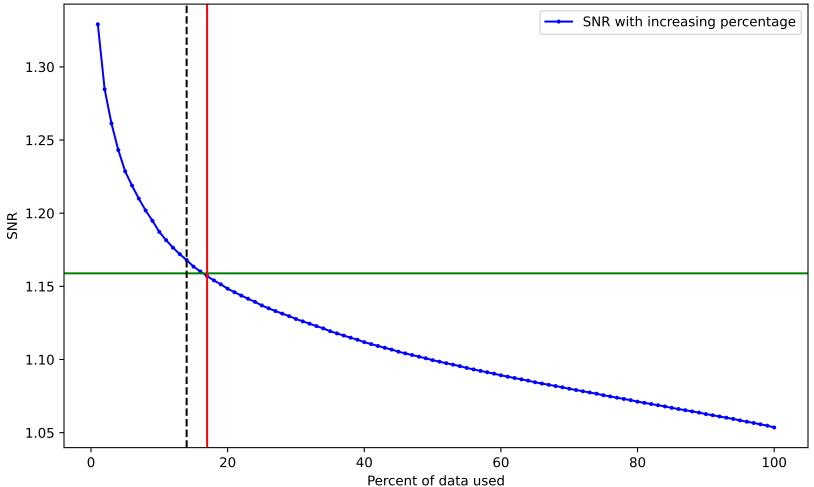
Top 2% v vs Central Frequency for Binned Data (1000 -  $7500\mu hz$ )



SNR vs Central Frequency for spectrum\_10\_cams24\_vmag7.69.pow (1000 - 7500µhz)

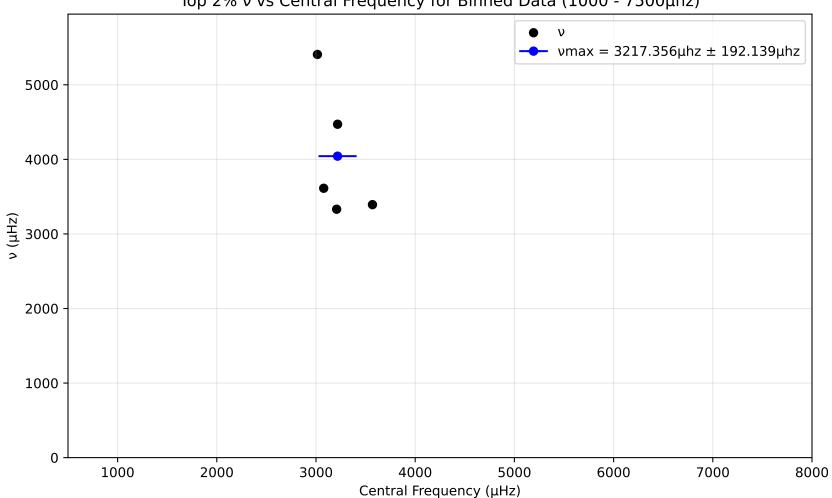


SNR variation for top n% of data for spectrum\_10\_cams24\_vmag7.69.pow. Drowned by noise at 17.0%.

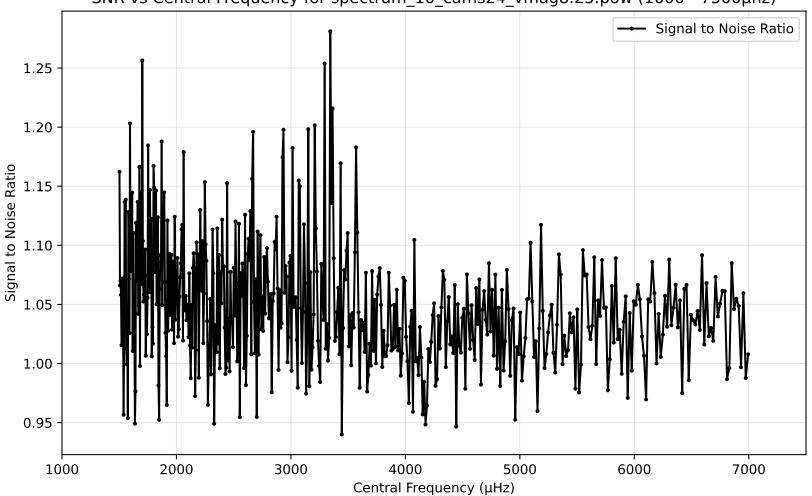


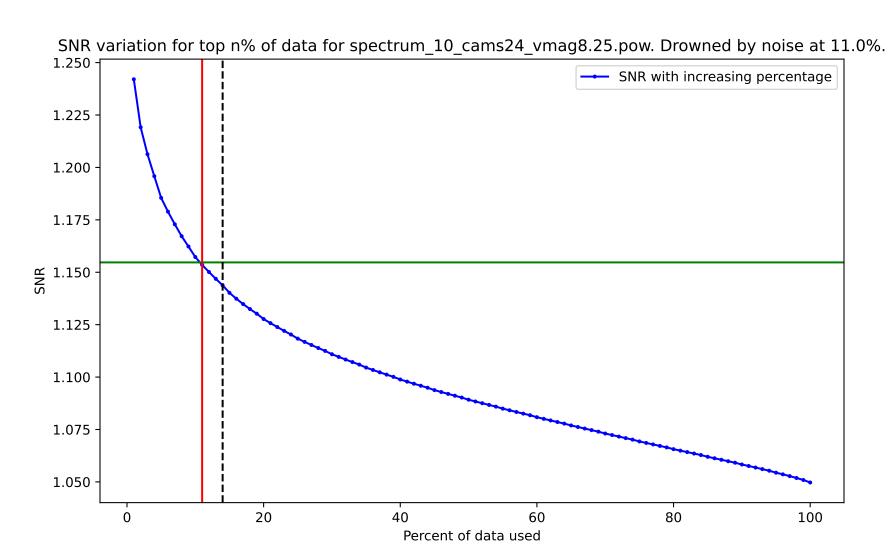
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

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

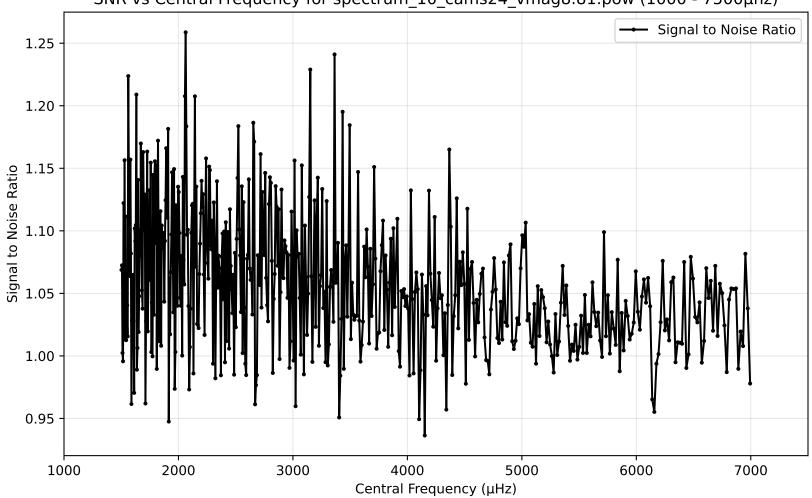


SNR vs Central Frequency for spectrum\_10\_cams24\_vmag8.25.pow (1000 - 7500µhz)

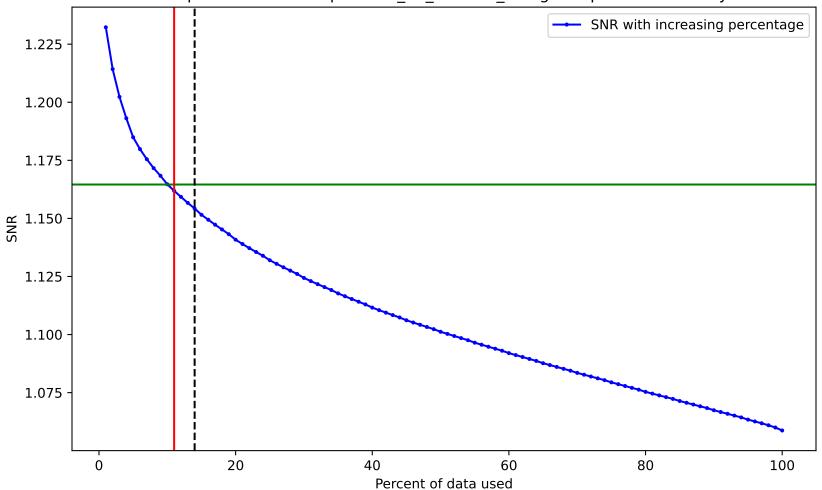




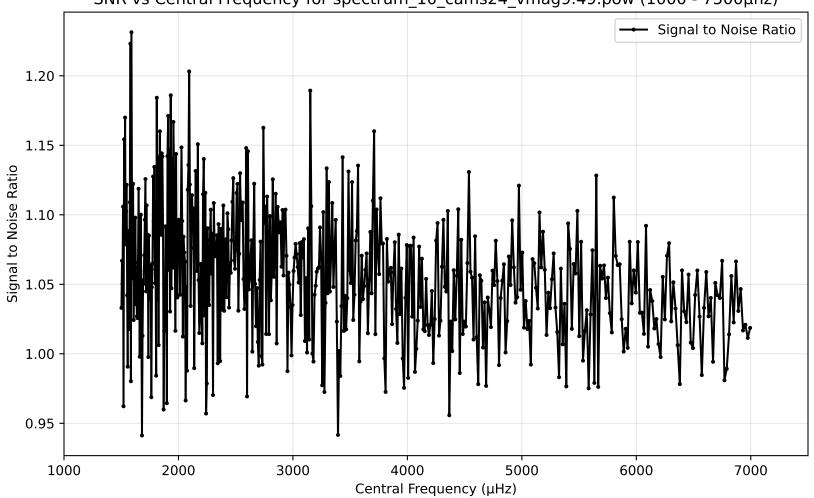
SNR vs Central Frequency for spectrum\_10\_cams24\_vmag8.81.pow (1000 - 7500µhz)



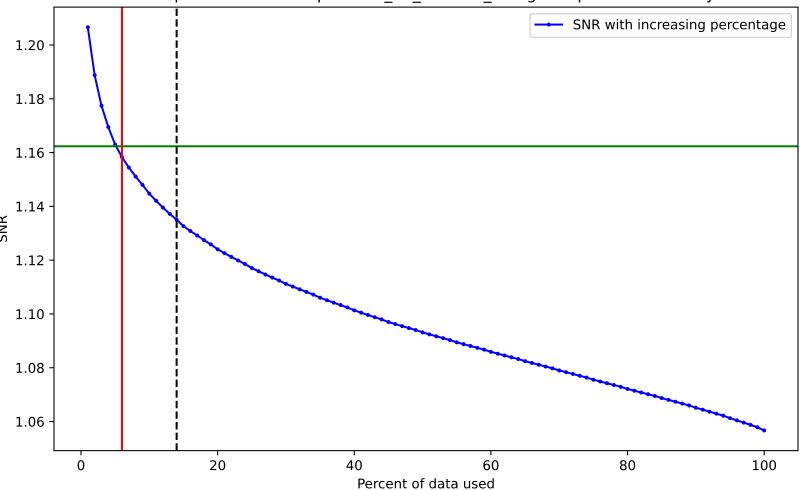
SNR variation for top n% of data for spectrum\_10\_cams24\_vmag8.81.pow. Drowned by noise at 11.0%.



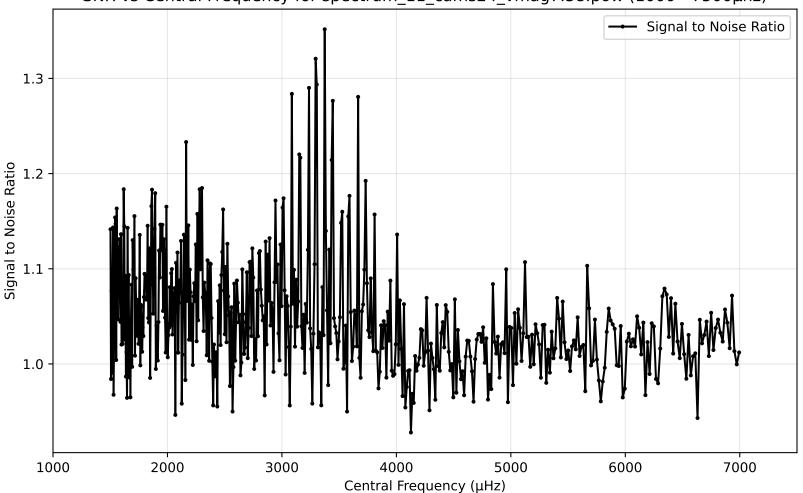
SNR vs Central Frequency for spectrum\_10\_cams24\_vmag9.49.pow (1000 - 7500µhz)



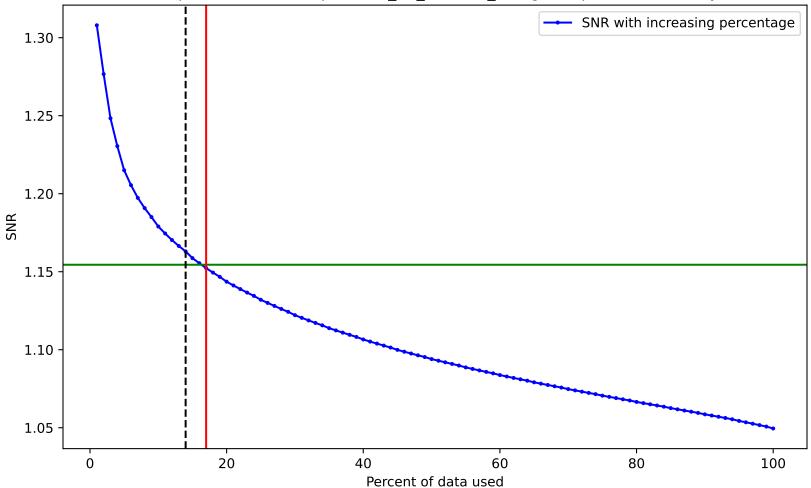
SNR variation for top n% of data for spectrum\_10\_cams24\_vmag9.49.pow. Drowned by noise at 6.0%.



SNR vs Central Frequency for spectrum\_11\_cams24\_vmag7.58.pow (1000 - 7500µhz)

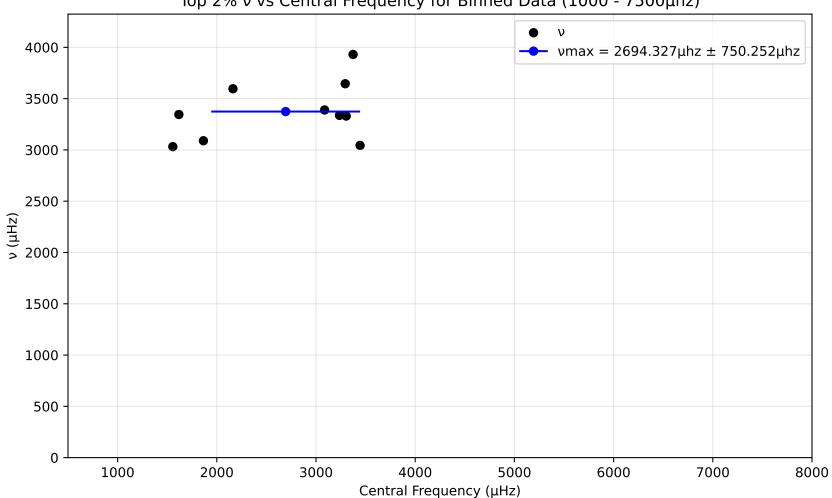


SNR variation for top n% of data for spectrum\_11\_cams24\_vmag7.58.pow. Drowned by noise at 17.0%.

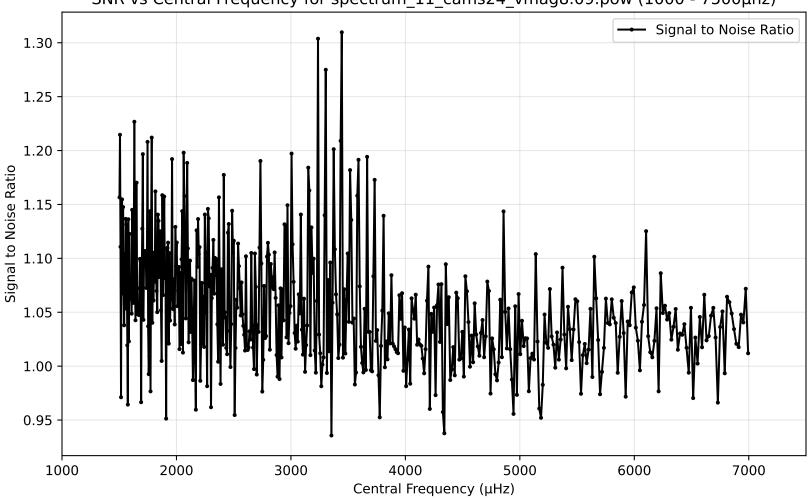


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

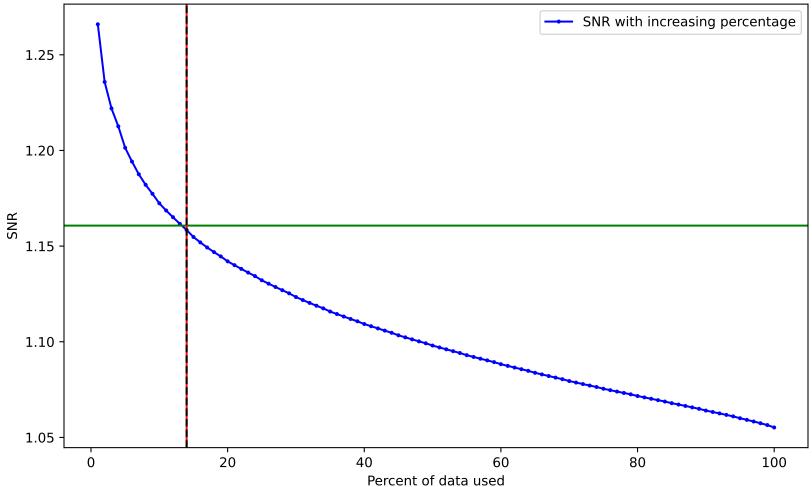
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



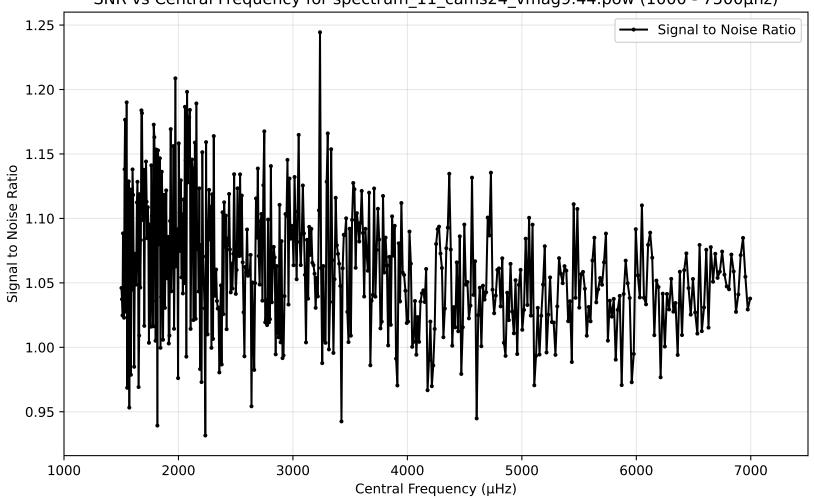
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag8.09.pow (1000 - 7500µhz)



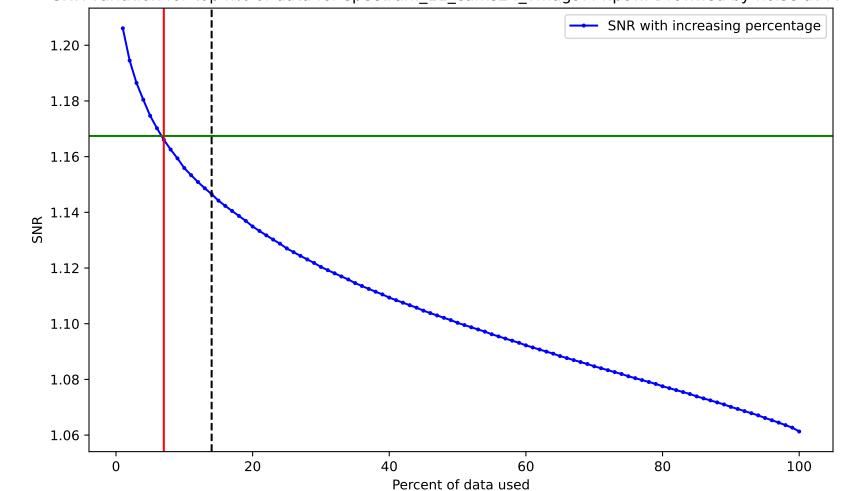
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag8.09.pow. Drowned by noise at 14.0%.



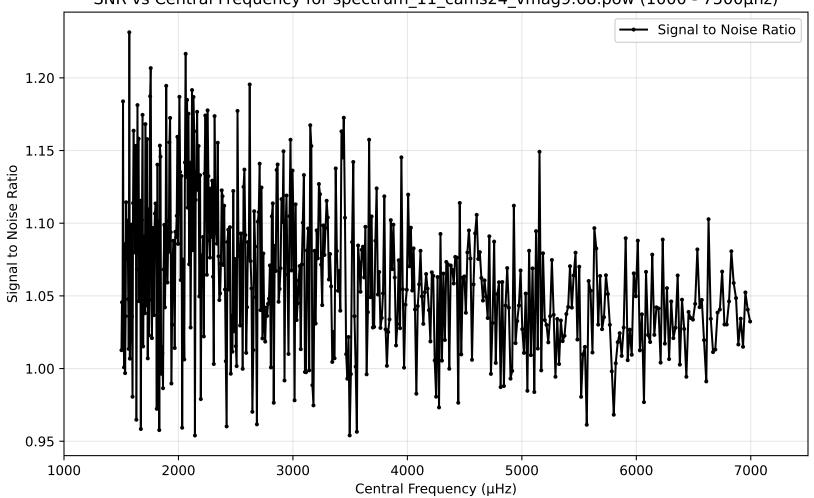
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag9.44.pow (1000 - 7500µhz)



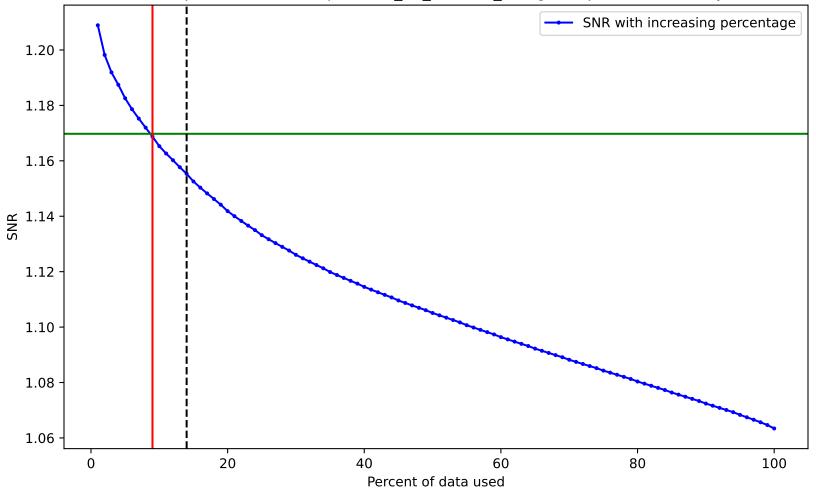
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag9.44.pow. Drowned by noise at 7.0%.



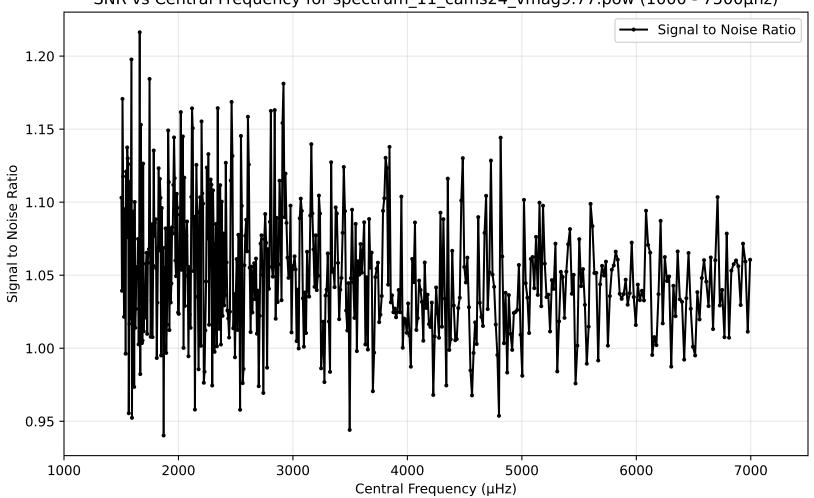
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag9.68.pow (1000 - 7500µhz)



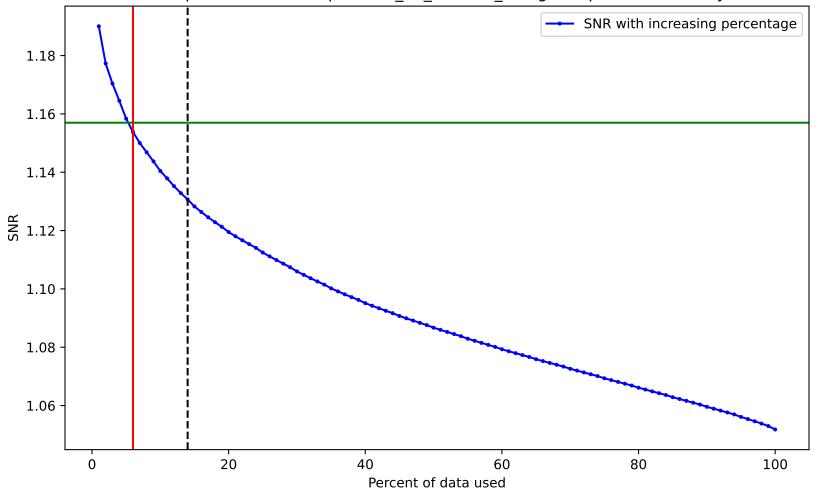
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag9.68.pow. Drowned by noise at 9.0%.



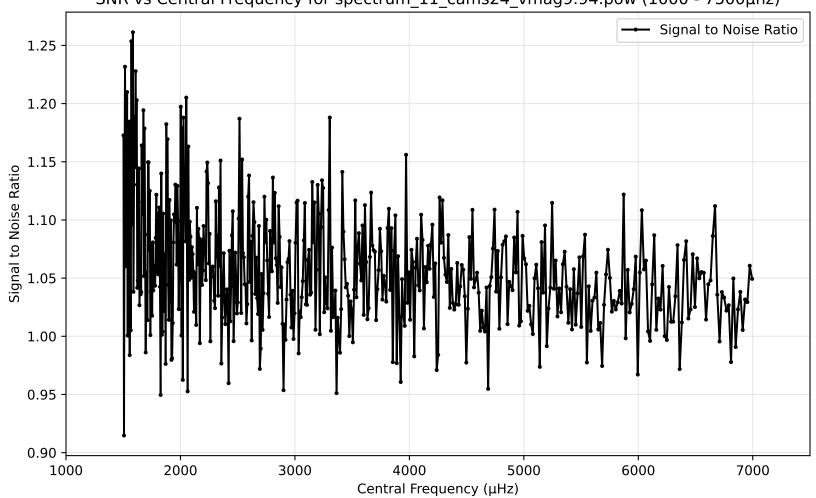
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag9.77.pow (1000 - 7500µhz)



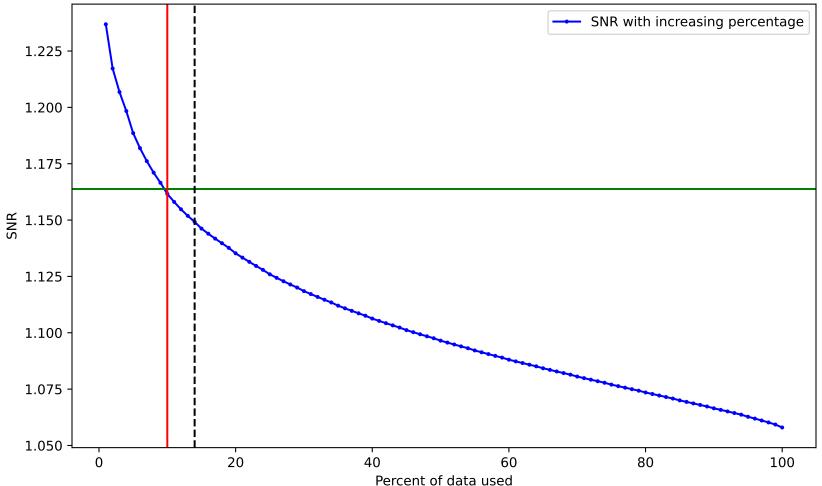
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag9.77.pow. Drowned by noise at 6.0%.



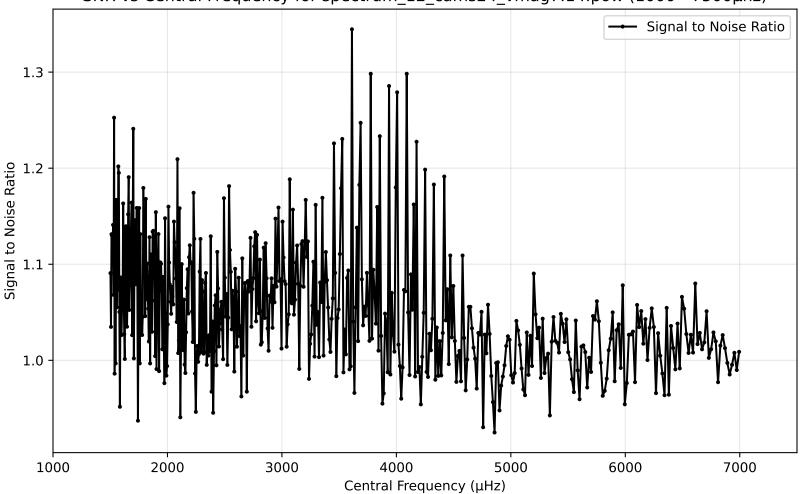
SNR vs Central Frequency for spectrum\_11\_cams24\_vmag9.94.pow (1000 - 7500µhz)



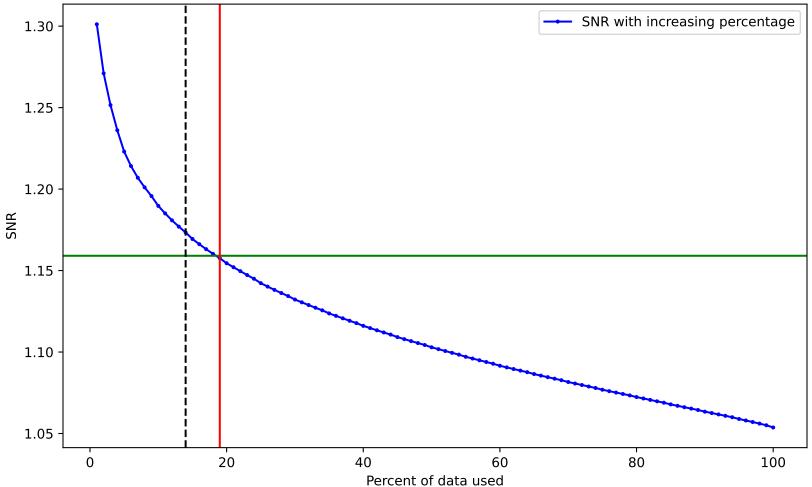
SNR variation for top n% of data for spectrum\_11\_cams24\_vmag9.94.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_12\_cams24\_vmag7.14.pow (1000 - 7500µhz)

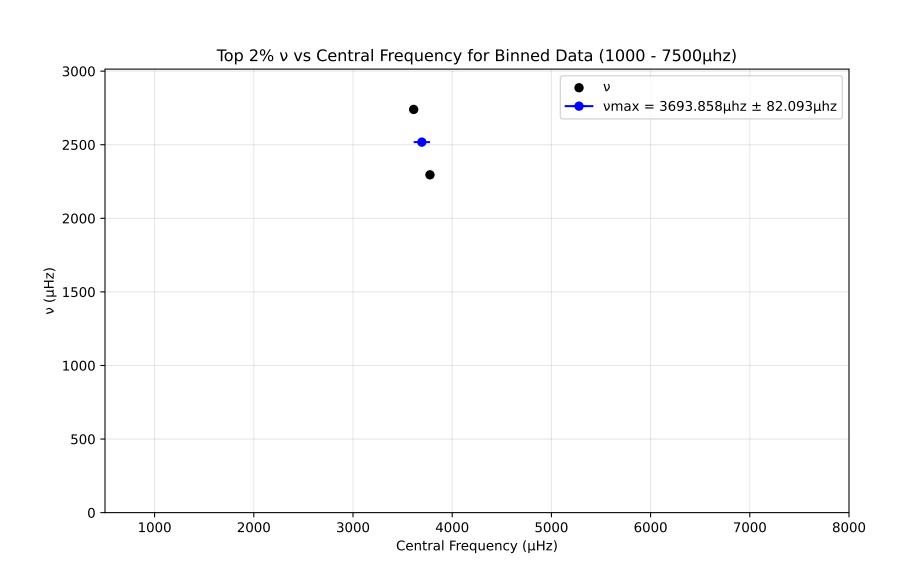


SNR variation for top n% of data for spectrum\_12\_cams24\_vmag7.14.pow. Drowned by noise at 19.0%.

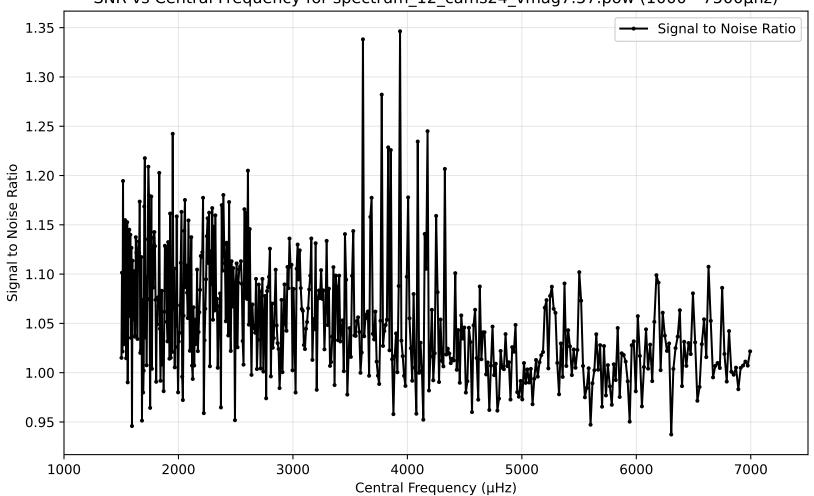


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Central Frequency (µHz)

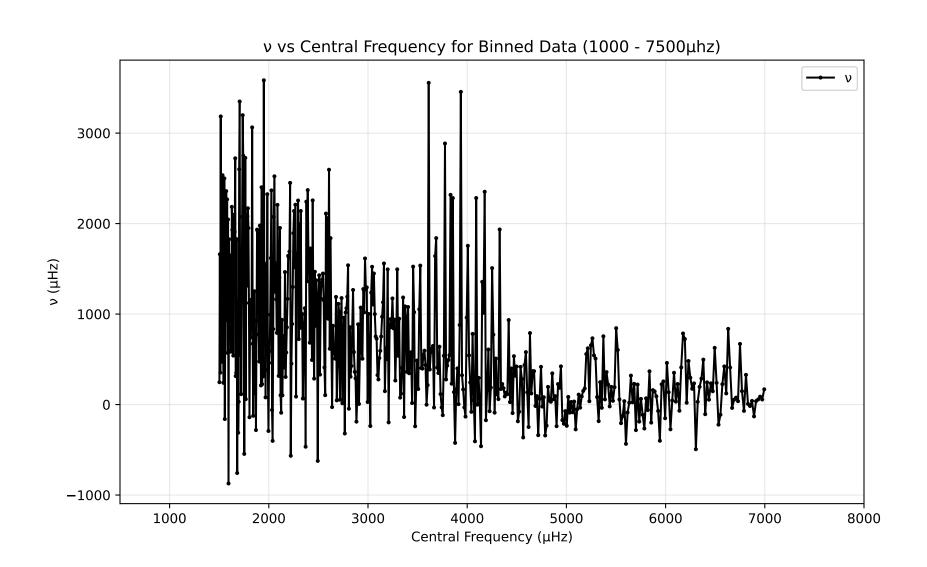


SNR vs Central Frequency for spectrum\_12\_cams24\_vmag7.57.pow (1000 - 7500µhz)

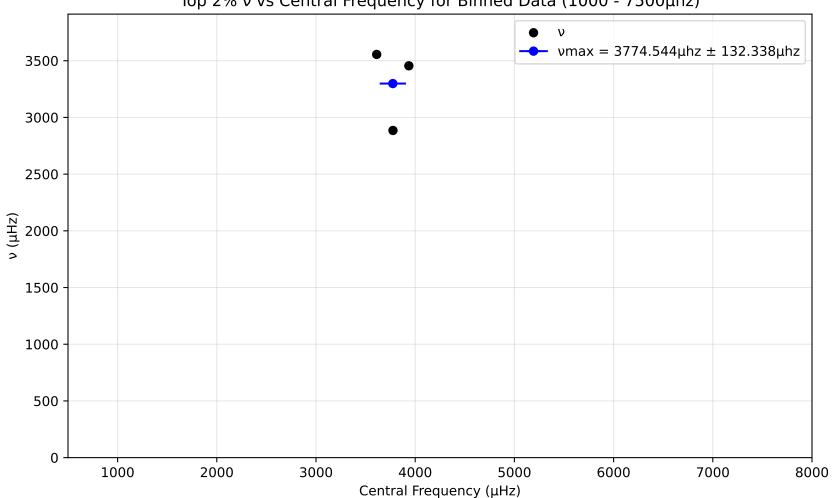


SNR variation for top n% of data for spectrum\_12\_cams24\_vmag7.57.pow. Drowned by noise at 16.0%. 1.30 SNR with increasing percentage 1.25 1.20 SNR 1.15 -1.10 1.05 -20 40 60 80 100

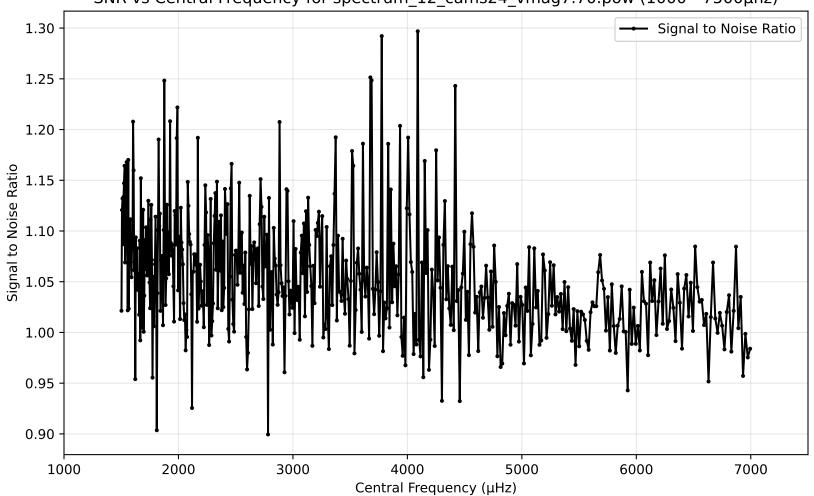
Percent of data used



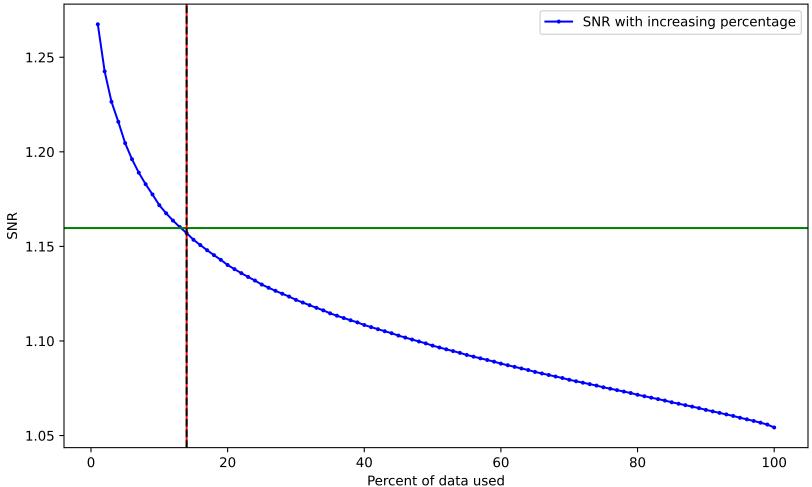
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



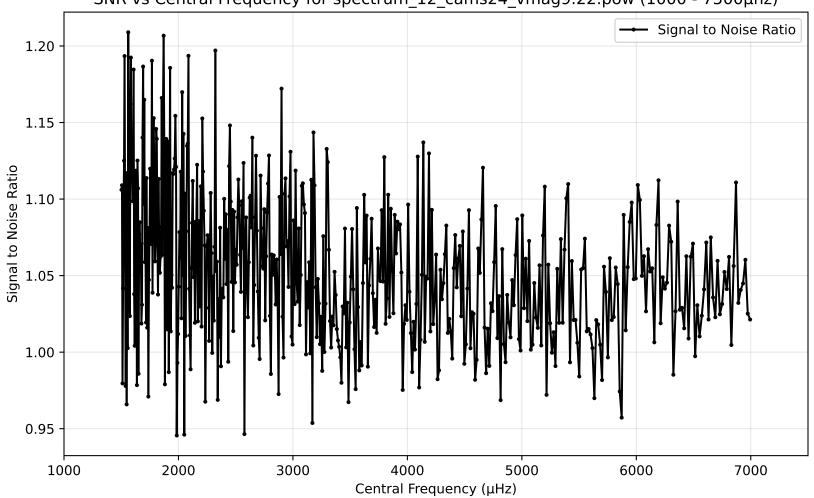
SNR vs Central Frequency for spectrum\_12\_cams24\_vmag7.70.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_12\_cams24\_vmag7.70.pow. Drowned by noise at 14.0%.



SNR vs Central Frequency for spectrum\_12\_cams24\_vmag9.22.pow (1000 - 7500µhz)

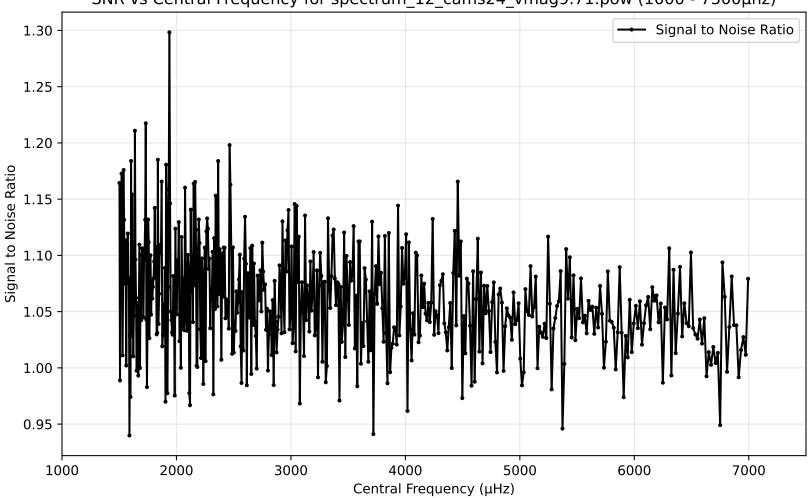


SNR variation for top n% of data for spectrum\_12\_cams24\_vmag9.22.pow. Drowned by noise at 7.0%. SNR with increasing percentage 1.20 1.18 1.16 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100

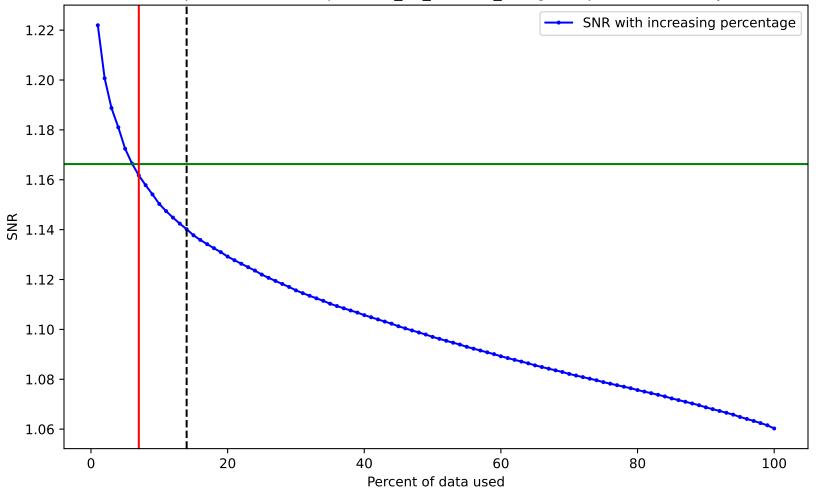
Percent of data used

SNR

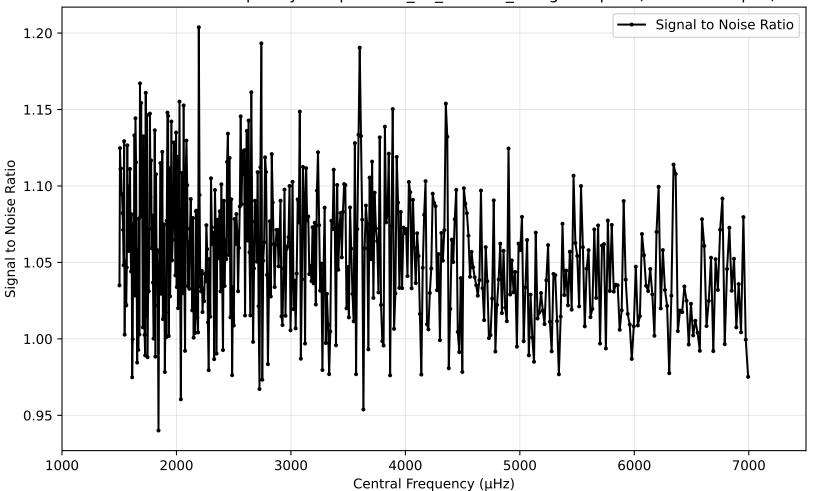
SNR vs Central Frequency for spectrum\_12\_cams24\_vmag9.71.pow (1000 - 7500µhz)



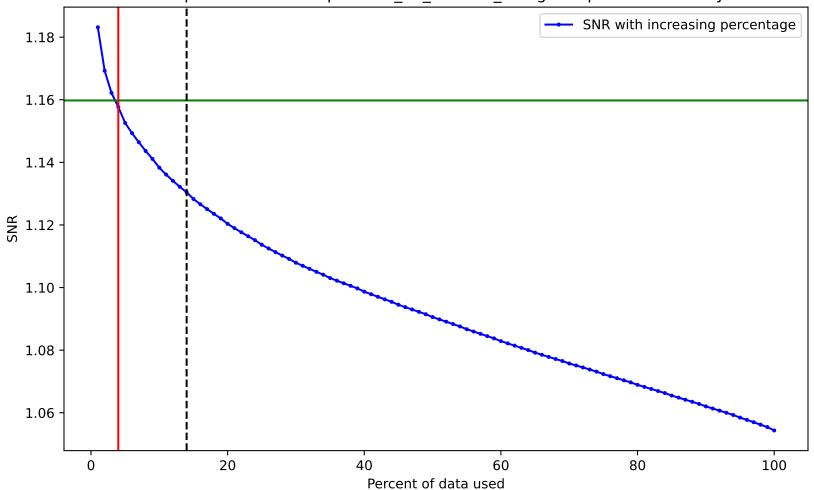
SNR variation for top n% of data for spectrum\_12\_cams24\_vmag9.71.pow. Drowned by noise at 7.0%.



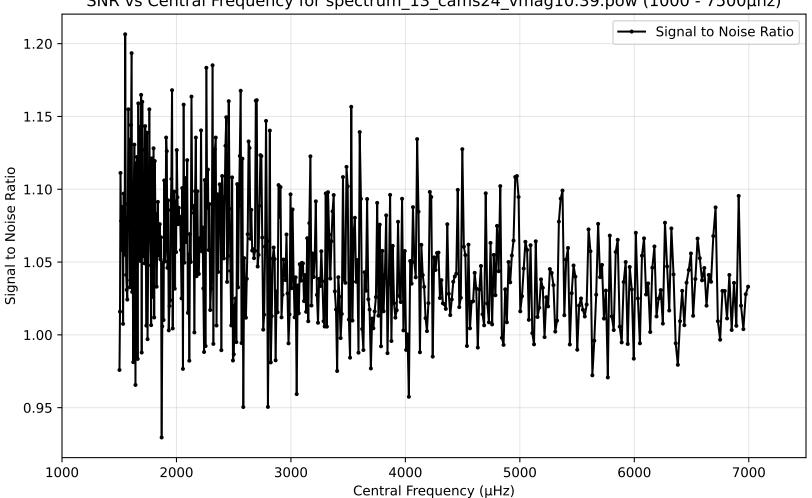
SNR vs Central Frequency for spectrum\_12\_cams24\_vmag9.96.pow (1000 - 7500µhz)



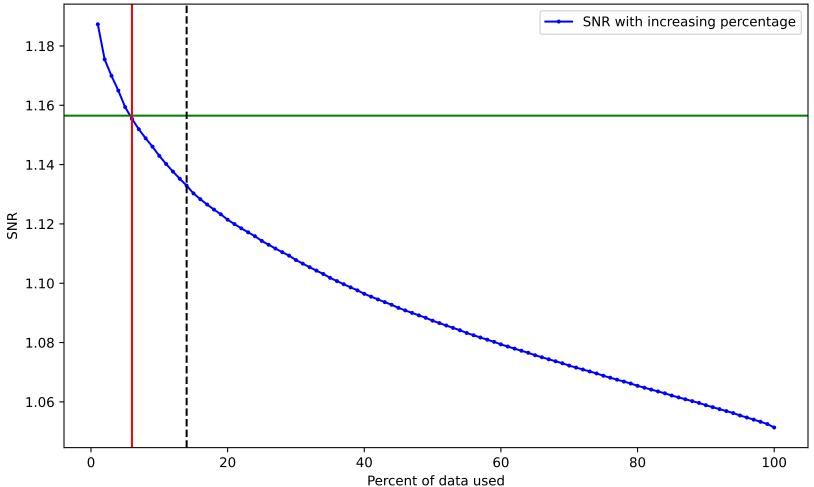
SNR variation for top n% of data for spectrum\_12\_cams24\_vmag9.96.pow. Drowned by noise at 4.0%.

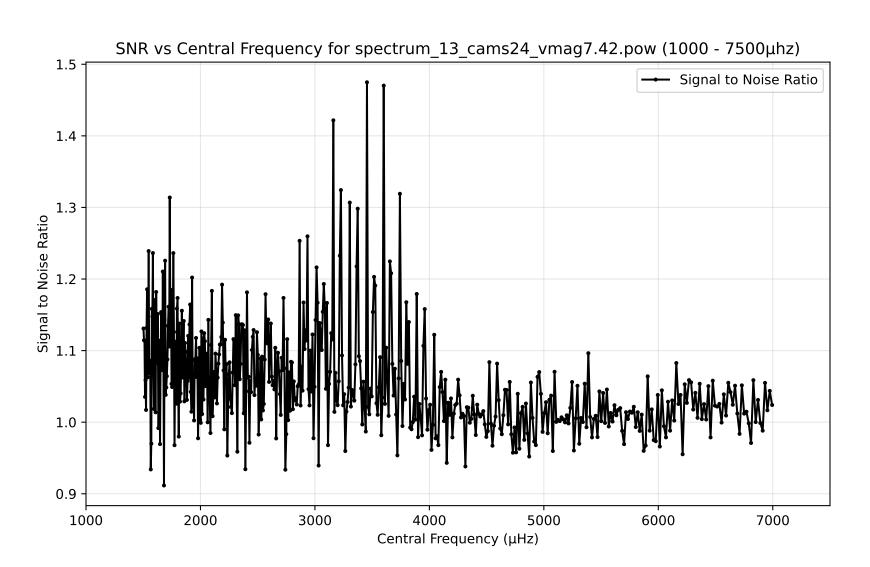


SNR vs Central Frequency for spectrum\_13\_cams24\_vmag10.39.pow (1000 - 7500µhz)

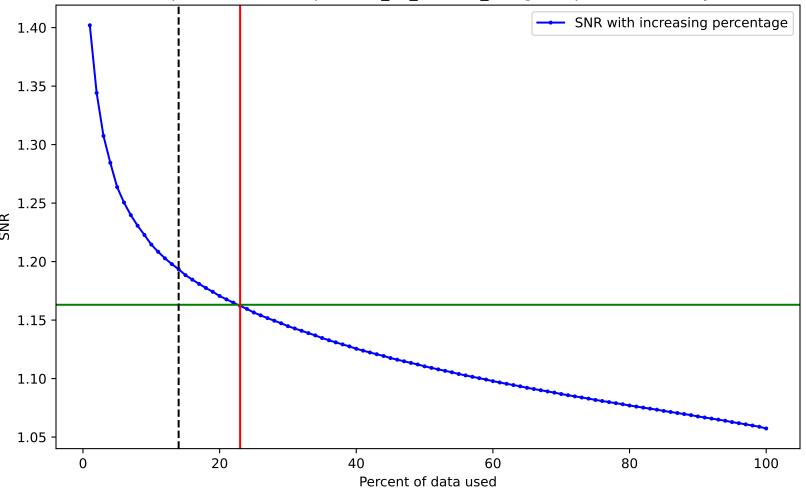


SNR variation for top n% of data for spectrum\_13\_cams24\_vmag10.39.pow. Drowned by noise at 6.0%.

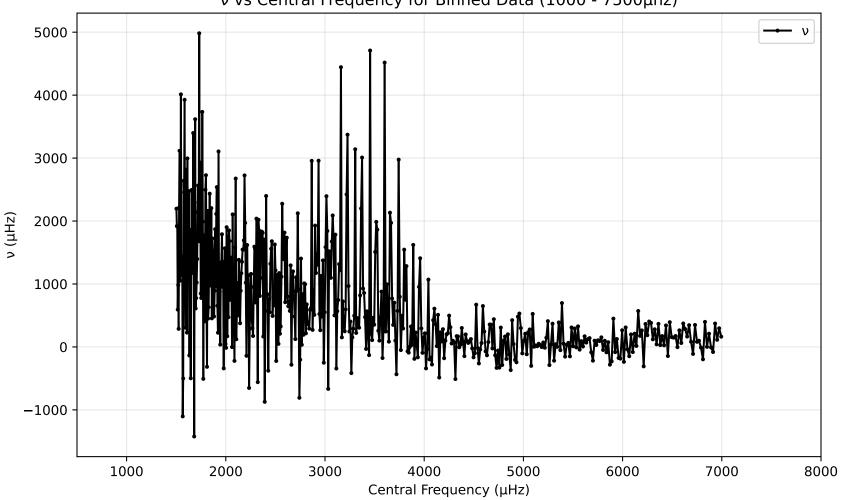




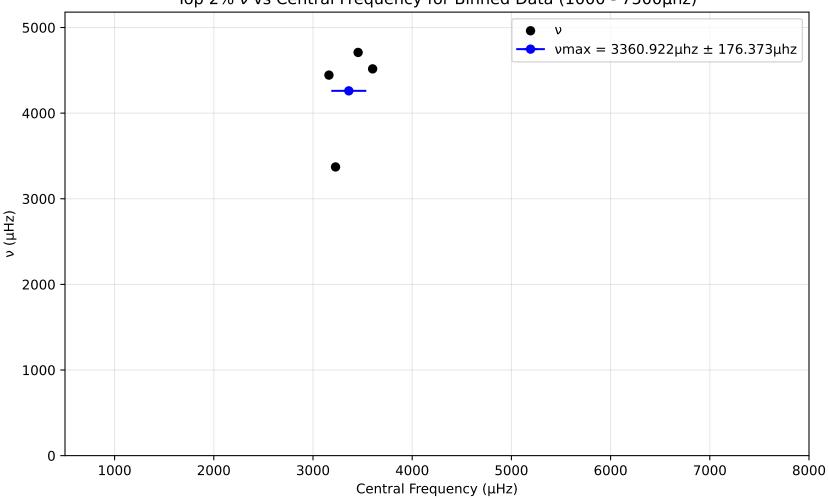
SNR variation for top n% of data for spectrum\_13\_cams24\_vmag7.42.pow. Drowned by noise at 23.0%.



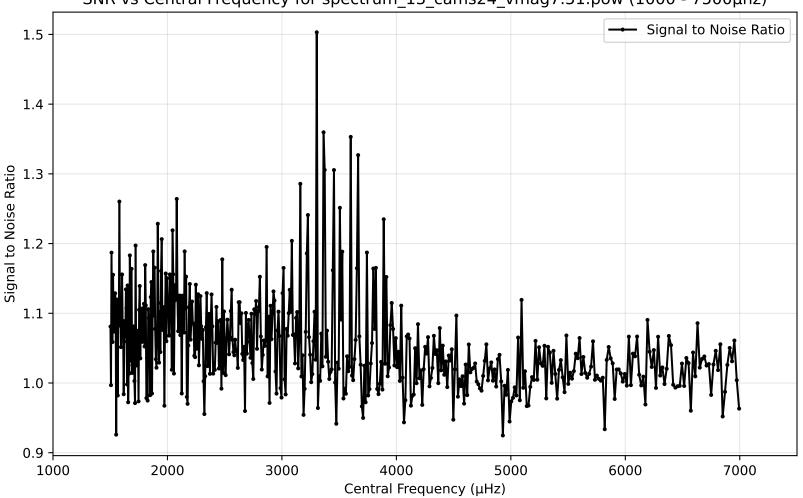
ν vs Central Frequency for Binned Data (1000 - 7500μhz)



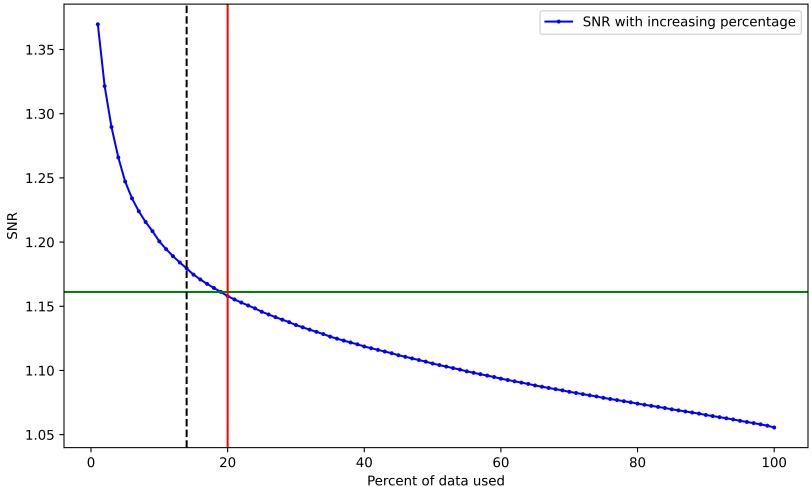
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



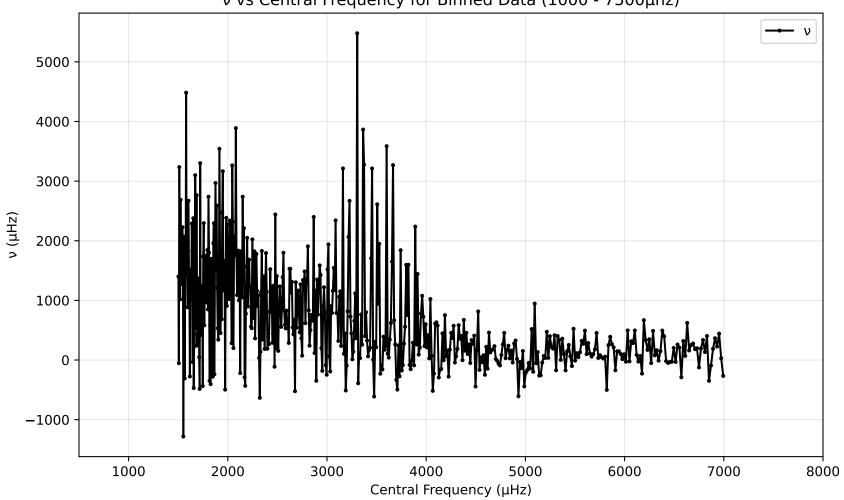
SNR vs Central Frequency for spectrum\_13\_cams24\_vmag7.51.pow (1000 - 7500µhz)

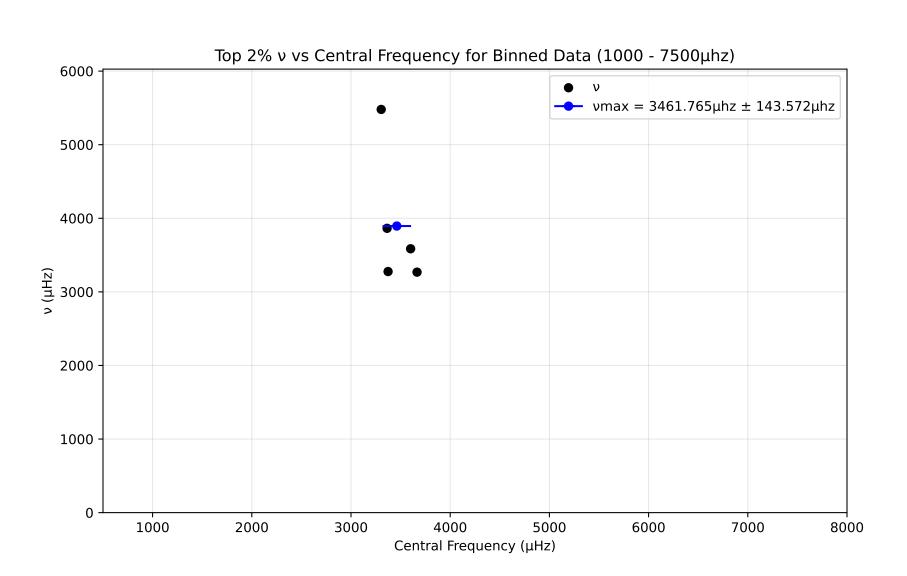


SNR variation for top n% of data for spectrum\_13\_cams24\_vmag7.51.pow. Drowned by noise at 20.0%.

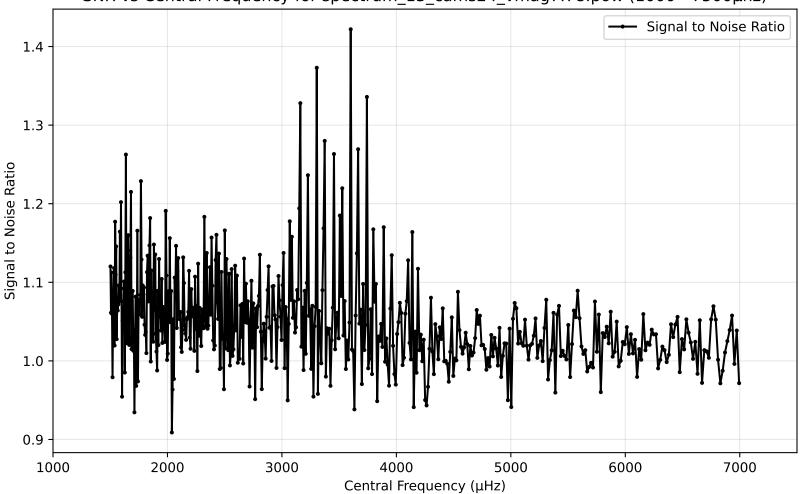


 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz)

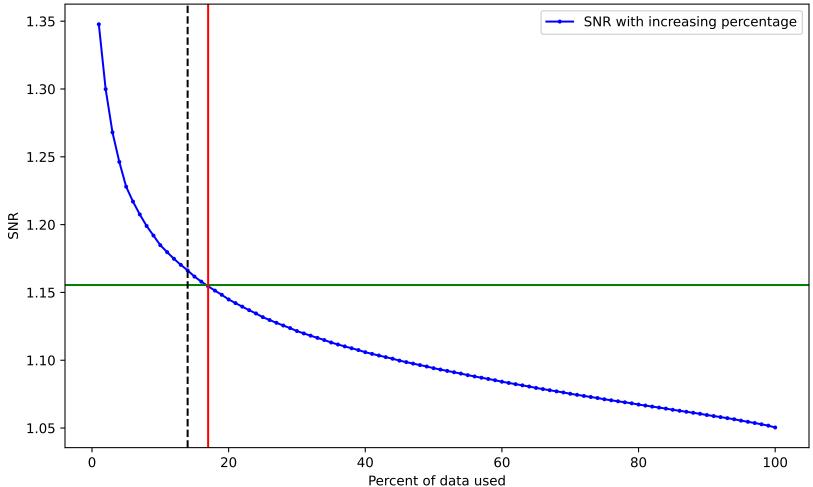




SNR vs Central Frequency for spectrum\_13\_cams24\_vmag7.78.pow (1000 -  $7500\mu hz$ )

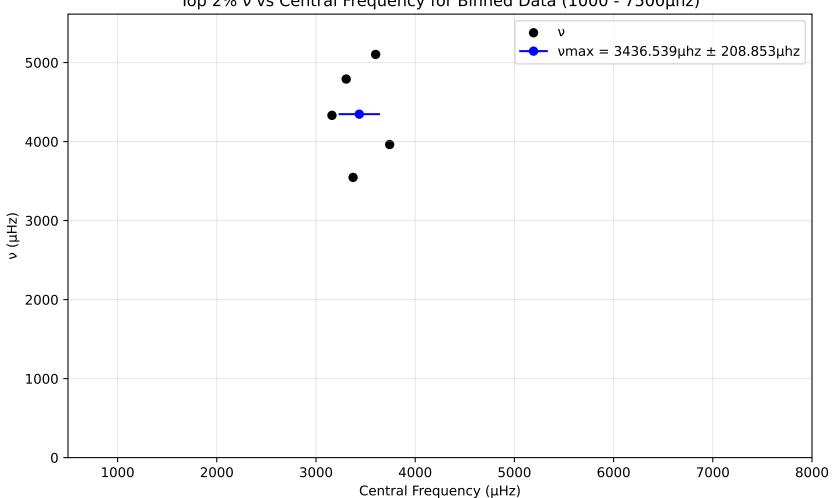


SNR variation for top n% of data for spectrum\_13\_cams24\_vmag7.78.pow. Drowned by noise at 17.0%.

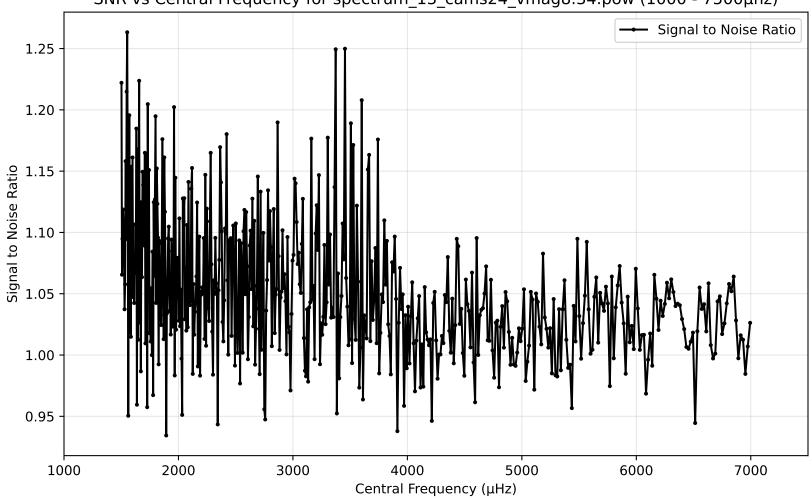


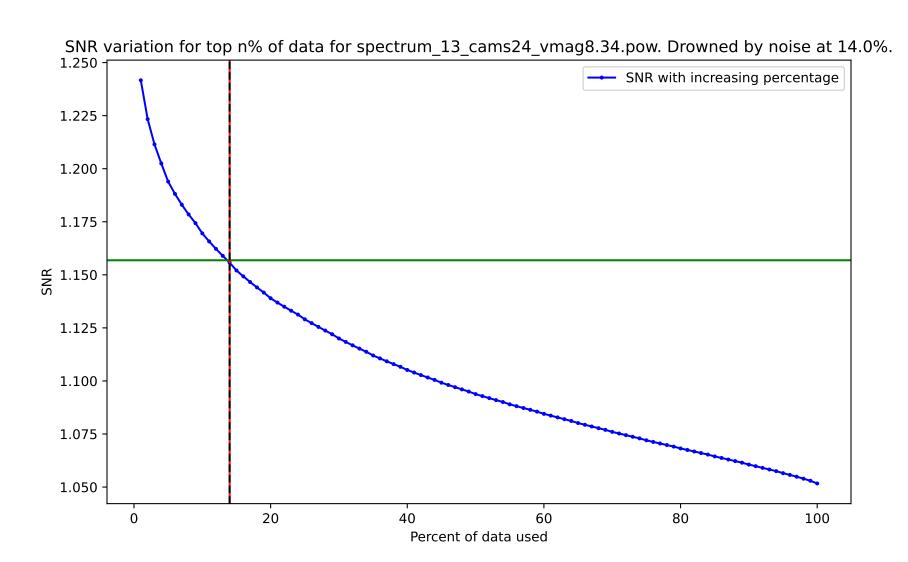
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500  $\mu hz)$ v (µHz) -1000 Central Frequency (µHz)

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

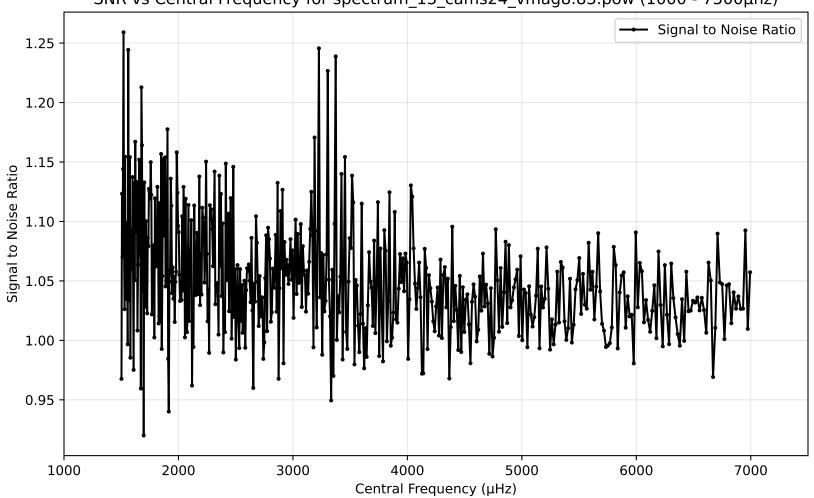


SNR vs Central Frequency for spectrum\_13\_cams24\_vmag8.34.pow (1000 - 7500µhz)

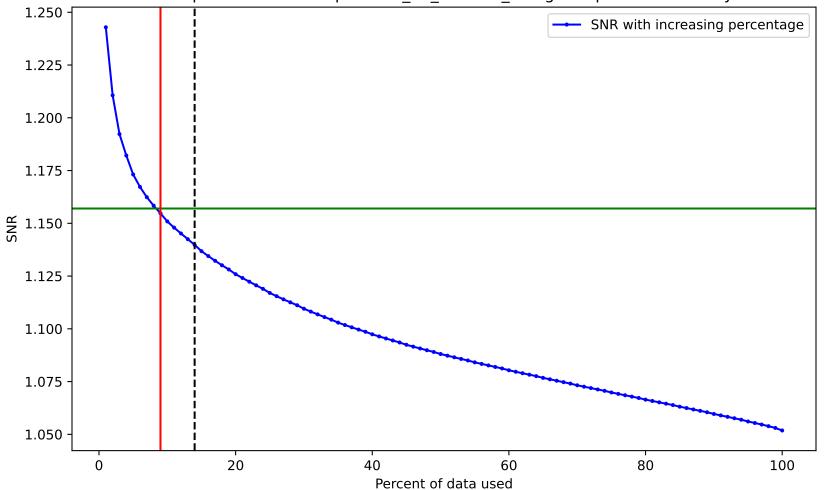




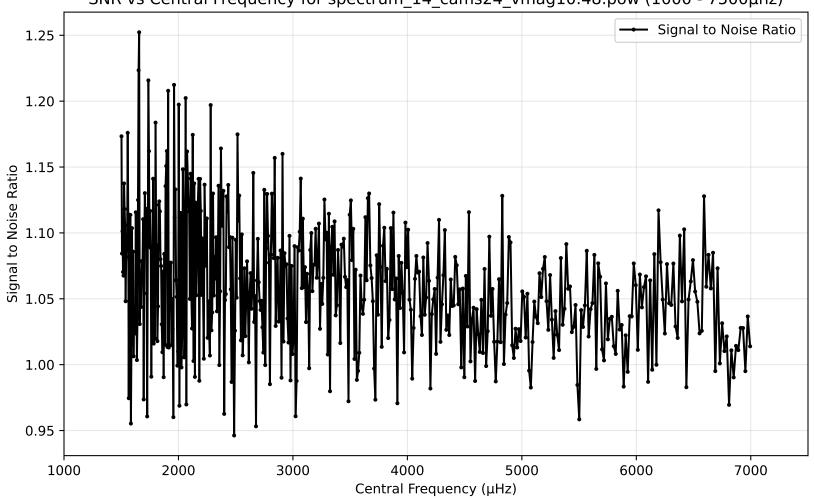
SNR vs Central Frequency for spectrum\_13\_cams24\_vmag8.83.pow (1000 - 7500µhz)



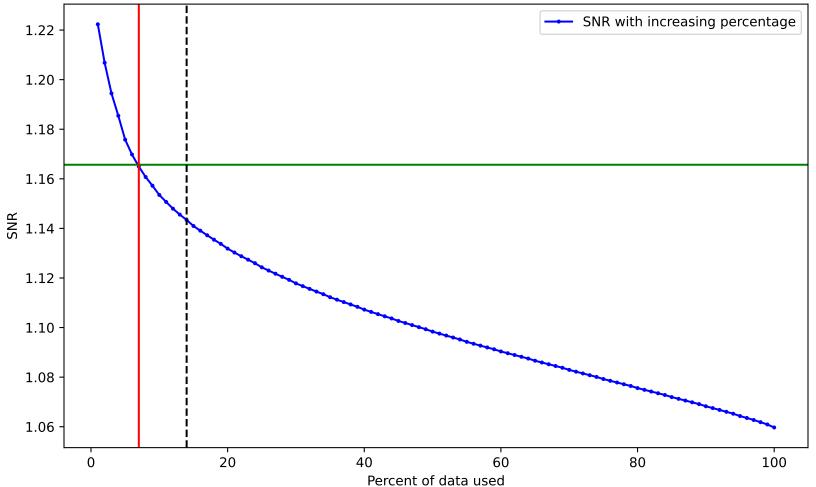
SNR variation for top n% of data for spectrum\_13\_cams24\_vmag8.83.pow. Drowned by noise at 9.0%.



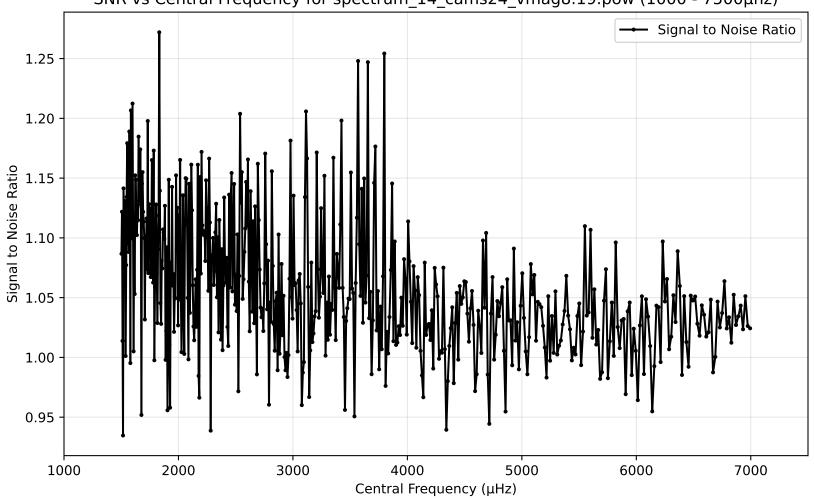
SNR vs Central Frequency for spectrum\_14\_cams24\_vmag10.48.pow (1000 - 7500µhz)



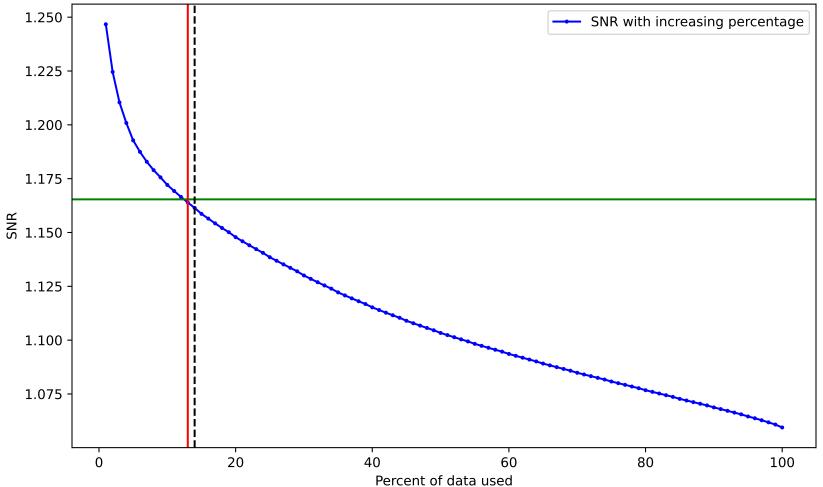
SNR variation for top n% of data for spectrum\_14\_cams24\_vmag10.48.pow. Drowned by noise at 7.0%.



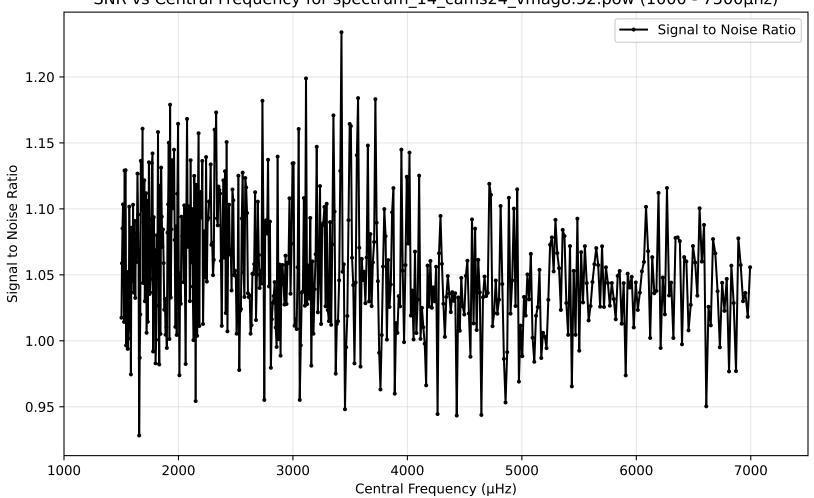
SNR vs Central Frequency for spectrum\_14\_cams24\_vmag8.19.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_14\_cams24\_vmag8.19.pow. Drowned by noise at 13.0%.



SNR vs Central Frequency for spectrum\_14\_cams24\_vmag8.52.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_14\_cams24\_vmag8.52.pow. Drowned by noise at 6.0%. 1.20 -SNR with increasing percentage 1.18 1.16 1.14 SNR 1.12 1.10 1.08 1.06

60

Percent of data used

80

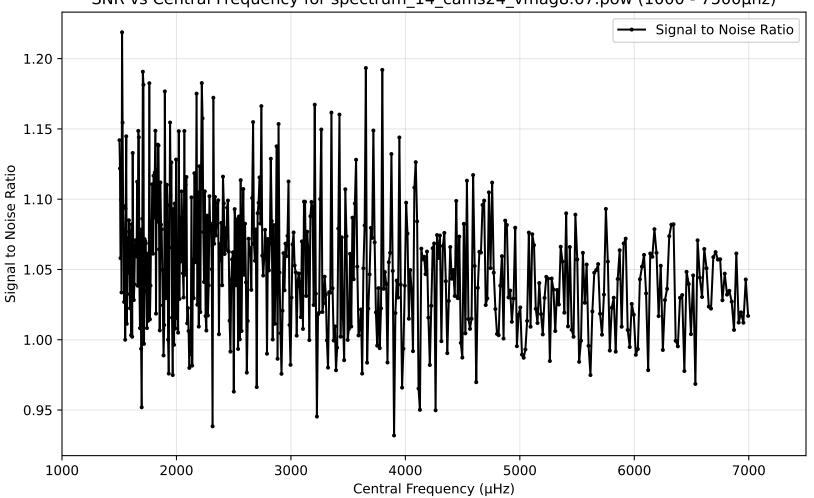
100

40

20

0

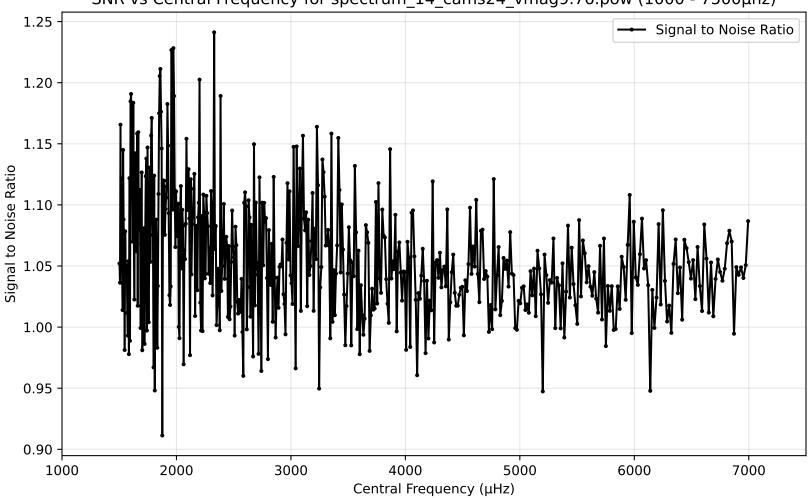
SNR vs Central Frequency for spectrum\_14\_cams24\_vmag8.67.pow (1000 - 7500µhz)



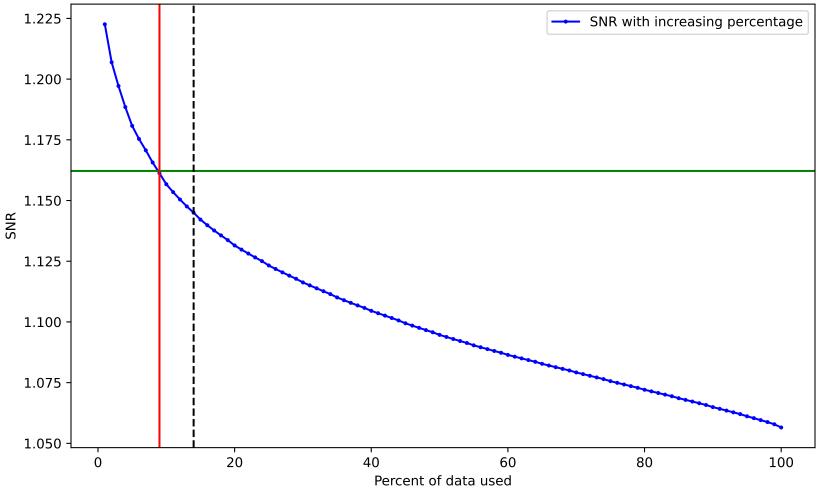
SNR variation for top n% of data for spectrum\_14\_cams24\_vmag8.67.pow. Drowned by noise at 8.0%. 1.20 -SNR with increasing percentage 1.18 1.16 1.14 -X 1.12 1.10 1.08 1.06 0 20 40 60 80 100

Percent of data used

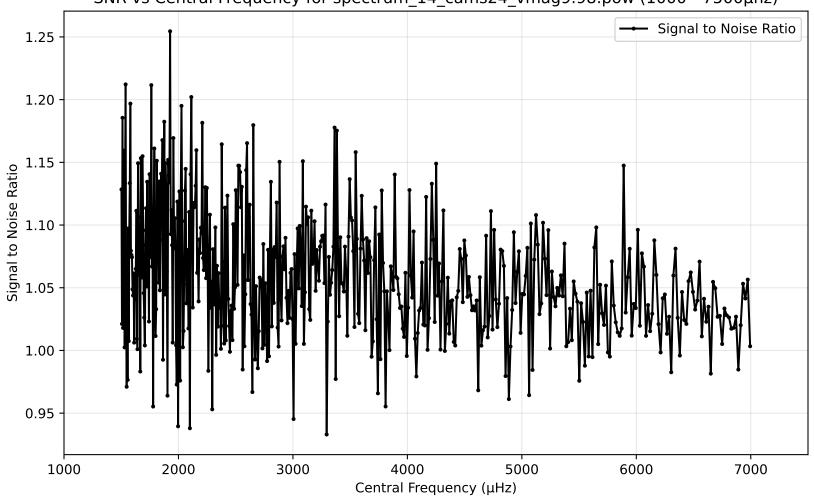
SNR vs Central Frequency for spectrum\_14\_cams24\_vmag9.76.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_14\_cams24\_vmag9.76.pow. Drowned by noise at 9.0%.



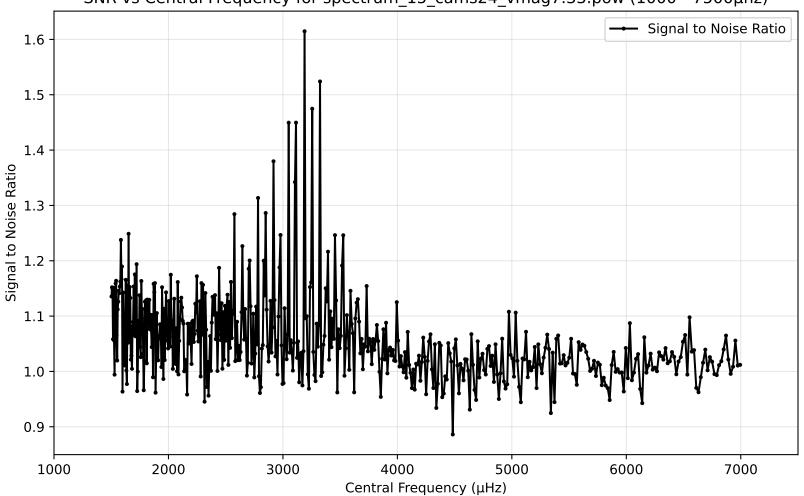
SNR vs Central Frequency for spectrum\_14\_cams24\_vmag9.98.pow (1000 - 7500µhz)



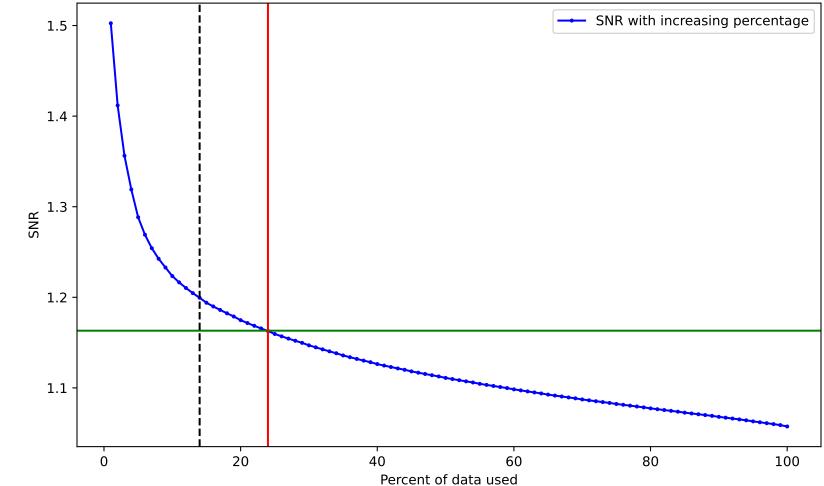
SNR variation for top n% of data for spectrum\_14\_cams24\_vmag9.98.pow. Drowned by noise at 8.0%. 1.22 -SNR with increasing percentage 1.20 1.18 1.16 ¥ 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

SNR vs Central Frequency for spectrum\_15\_cams24\_vmag7.33.pow (1000 - 7500µhz)

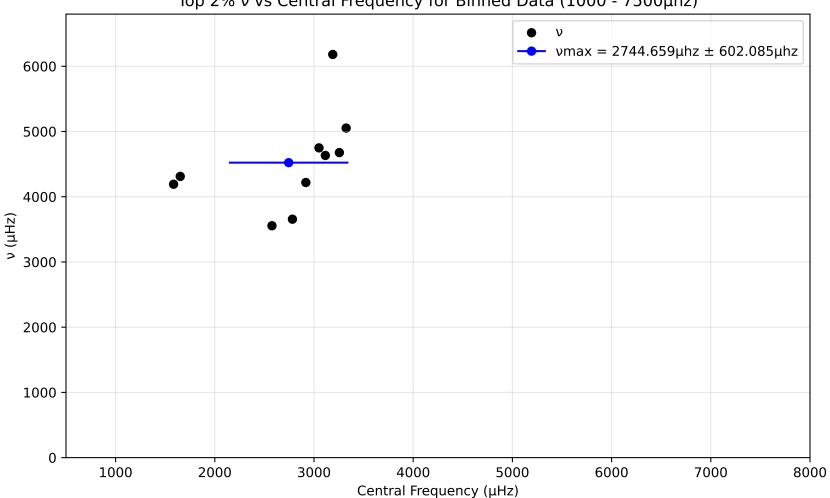


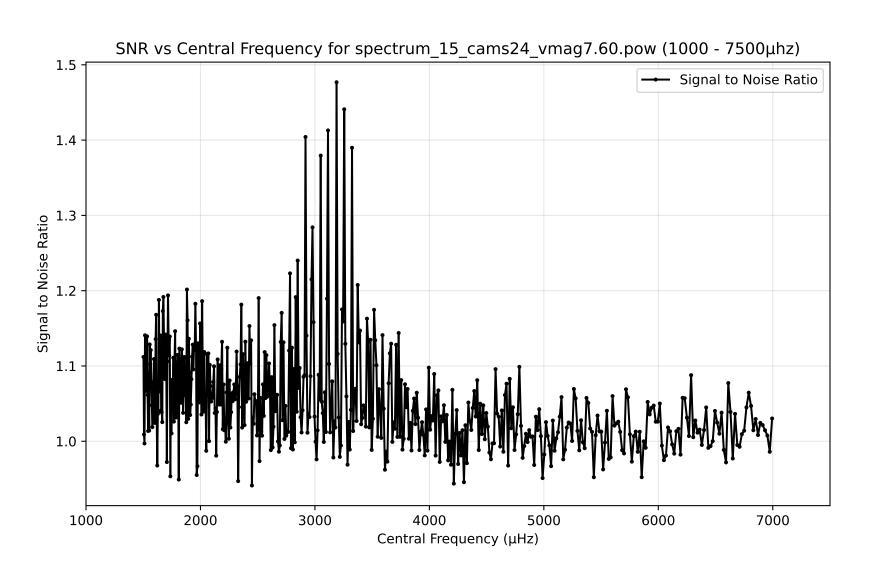
SNR variation for top n% of data for spectrum\_15\_cams24\_vmag7.33.pow. Drowned by noise at 24.0%.



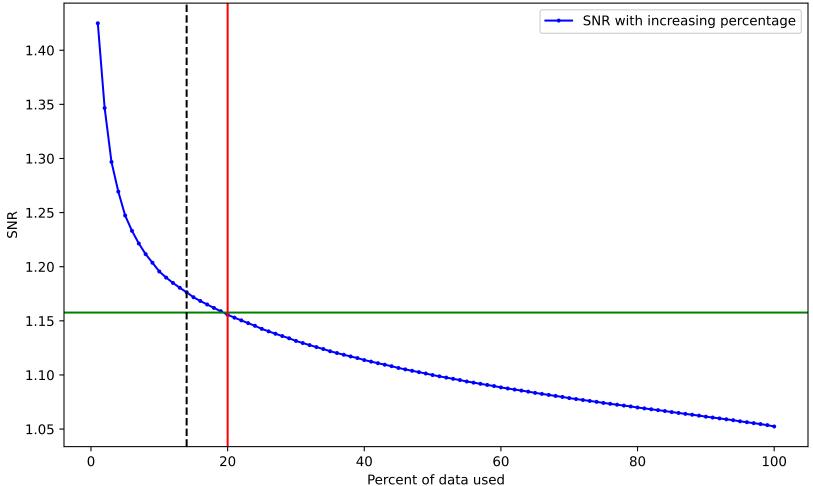
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

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



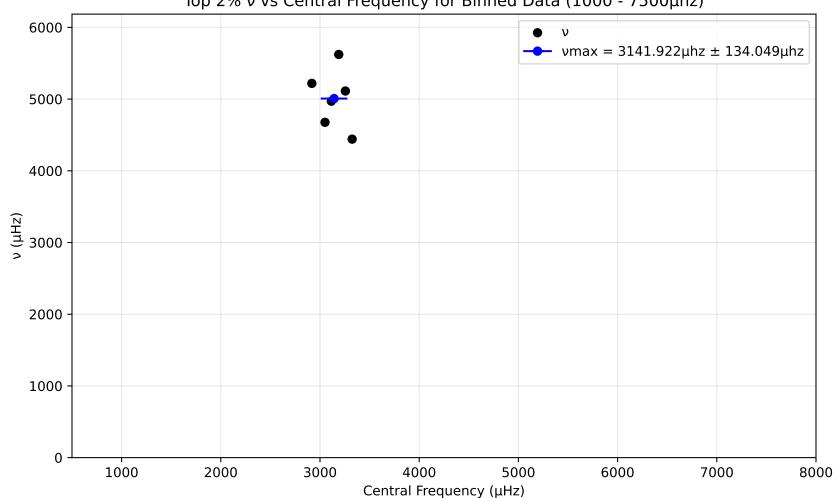


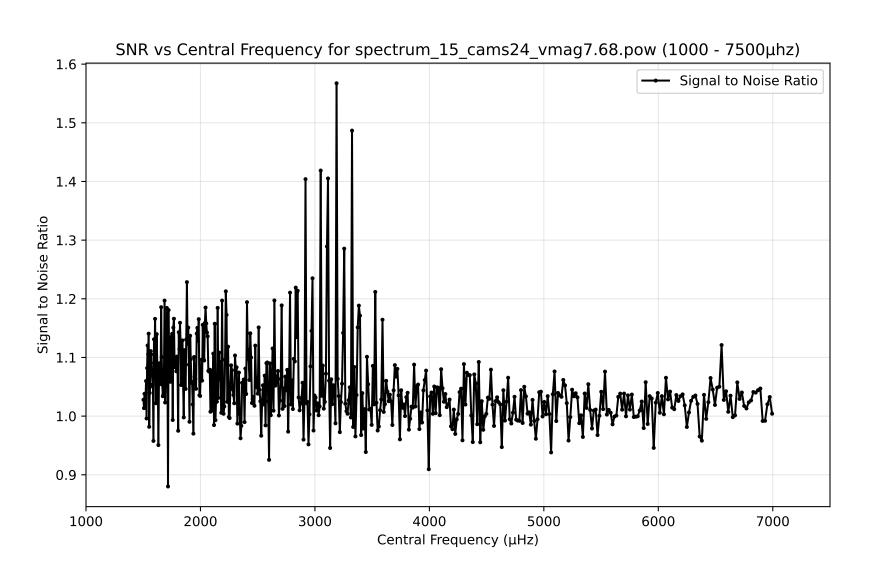
SNR variation for top n% of data for spectrum\_15\_cams24\_vmag7.60.pow. Drowned by noise at 20.0%.



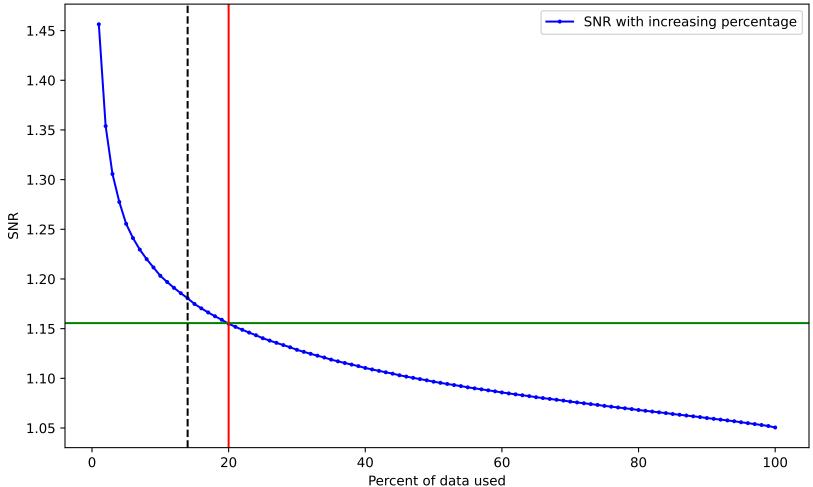
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

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



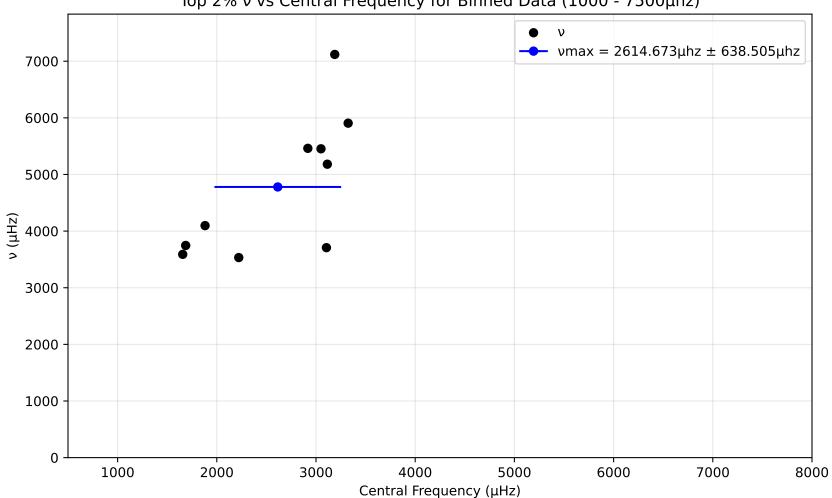


SNR variation for top n% of data for spectrum\_15\_cams24\_vmag7.68.pow. Drowned by noise at 20.0%.

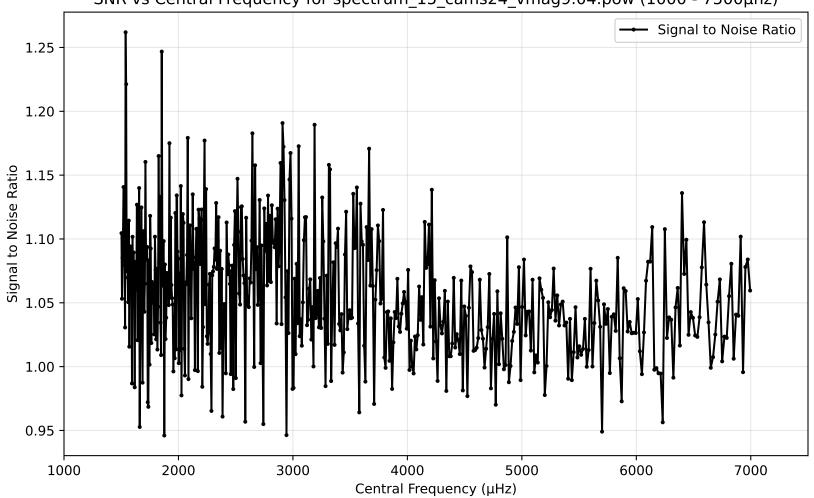


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -2000 Central Frequency (µHz)

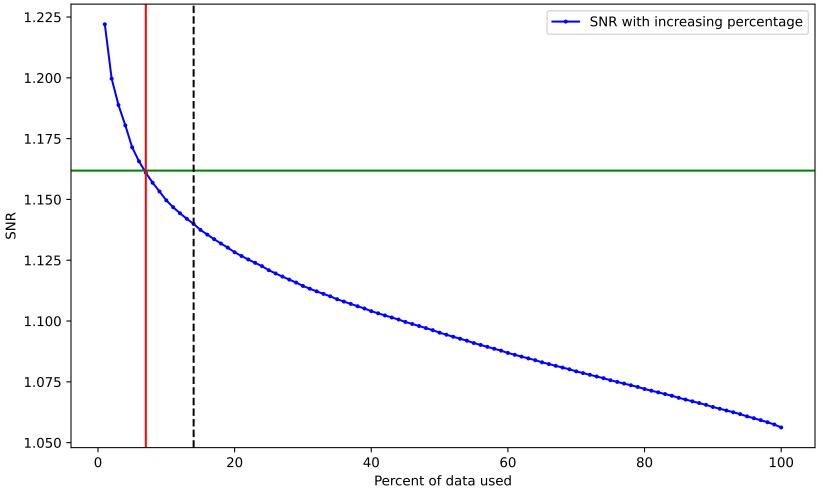
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



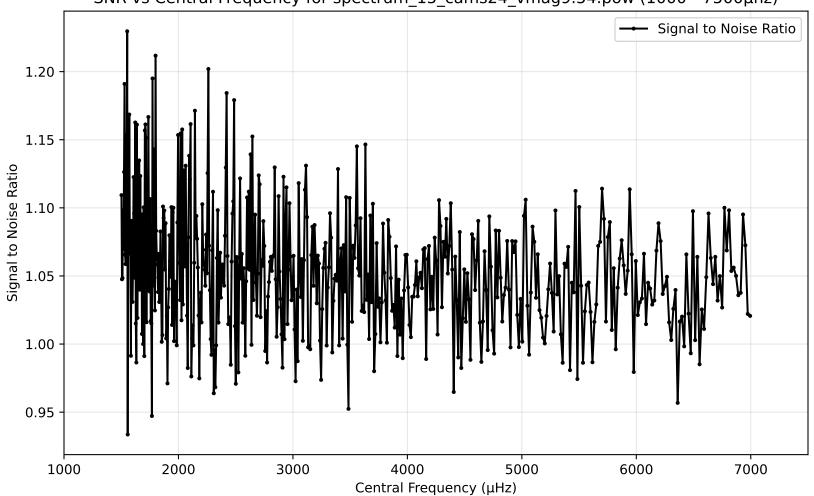
SNR vs Central Frequency for spectrum\_15\_cams24\_vmag9.04.pow (1000 - 7500µhz)



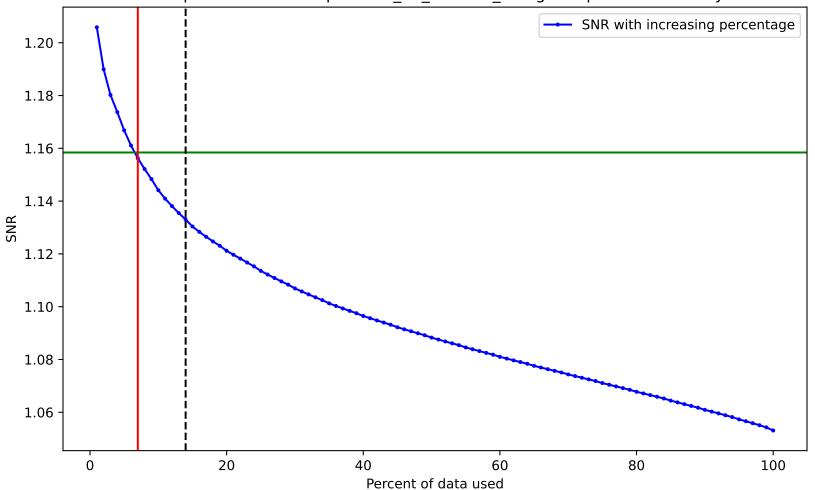
SNR variation for top n% of data for spectrum\_15\_cams24\_vmag9.04.pow. Drowned by noise at 7.0%.



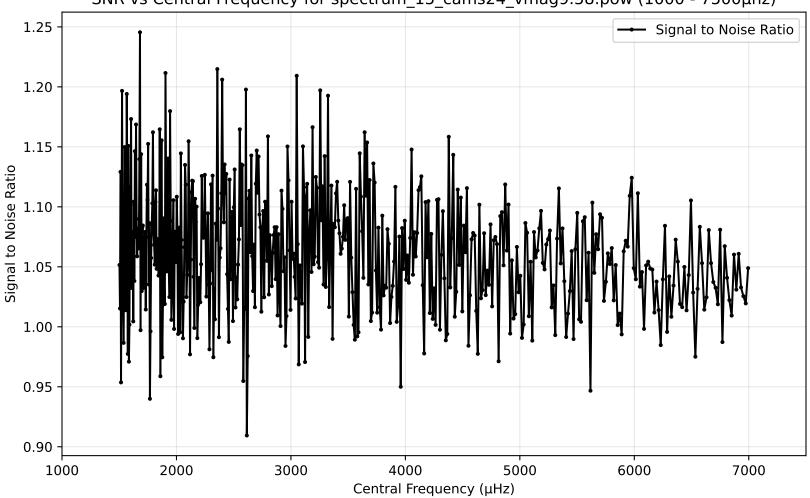
SNR vs Central Frequency for spectrum\_15\_cams24\_vmag9.54.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_15\_cams24\_vmag9.54.pow. Drowned by noise at 7.0%.



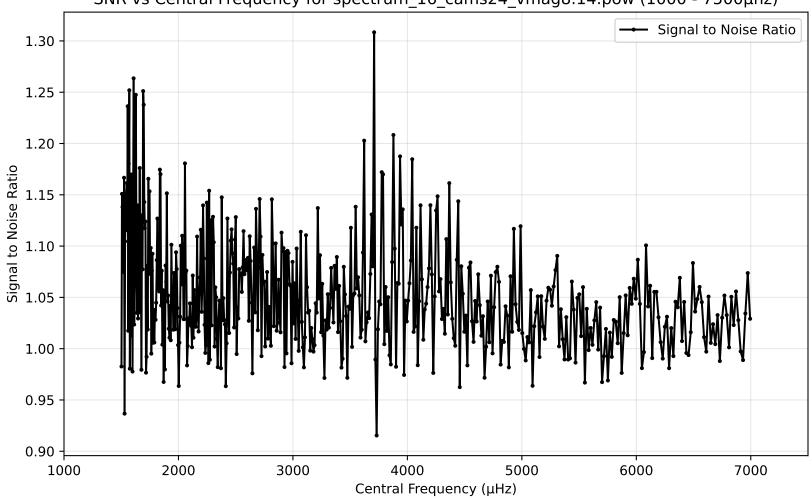
SNR vs Central Frequency for spectrum\_15\_cams24\_vmag9.58.pow (1000 - 7500µhz)



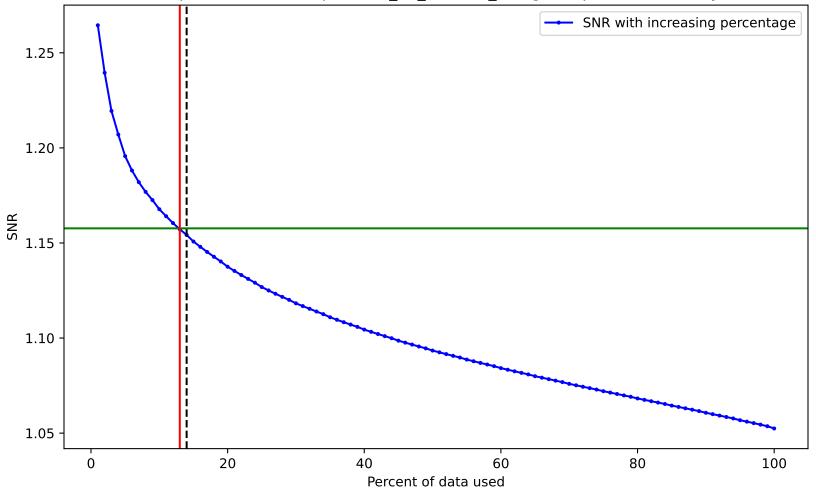
SNR variation for top n% of data for spectrum\_15\_cams24\_vmag9.58.pow. Drowned by noise at 8.0%. 1.22 SNR with increasing percentage 1.20 1.18 1.16 NS 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100

Percent of data used

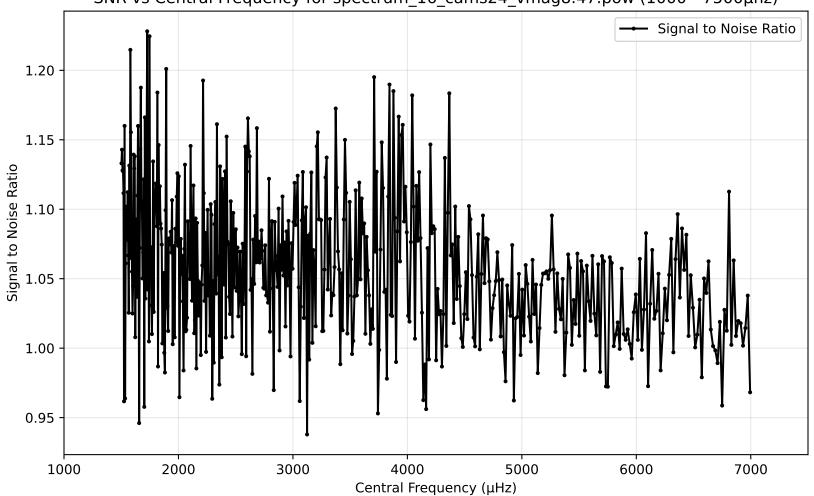
SNR vs Central Frequency for spectrum\_16\_cams24\_vmag8.14.pow (1000 - 7500µhz)

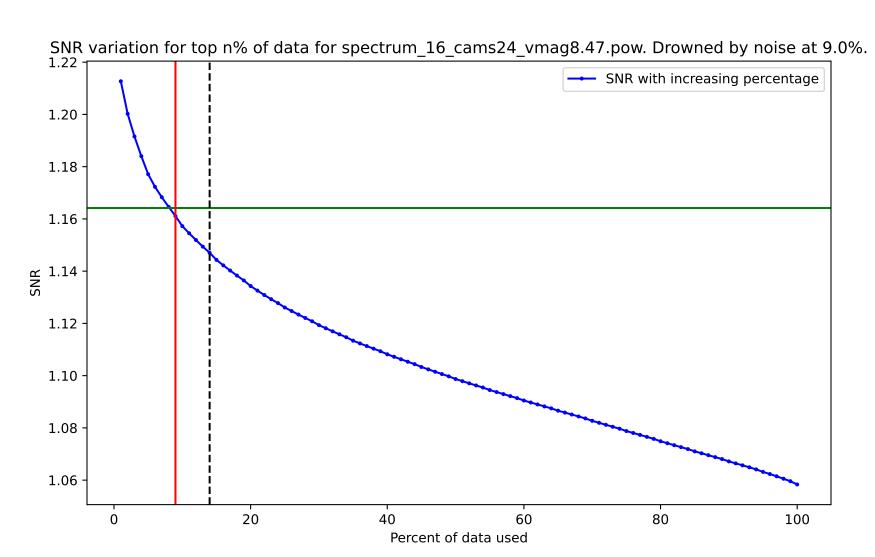


SNR variation for top n% of data for spectrum\_16\_cams24\_vmag8.14.pow. Drowned by noise at 13.0%.

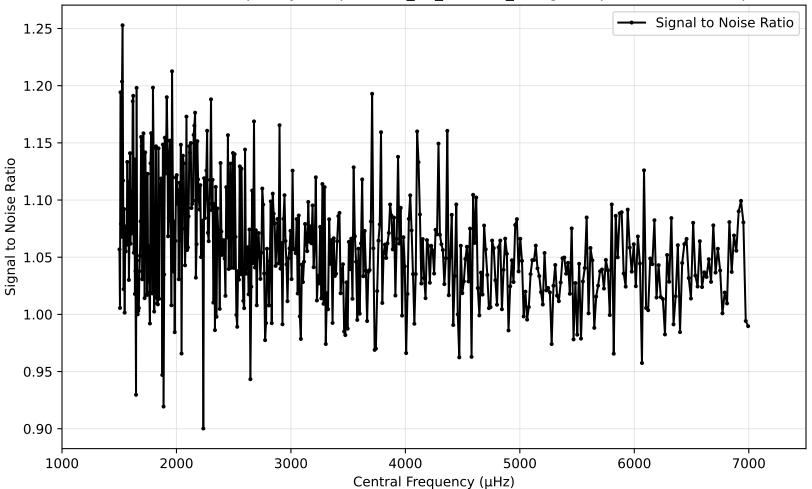


SNR vs Central Frequency for spectrum\_16\_cams24\_vmag8.47.pow (1000 - 7500µhz)



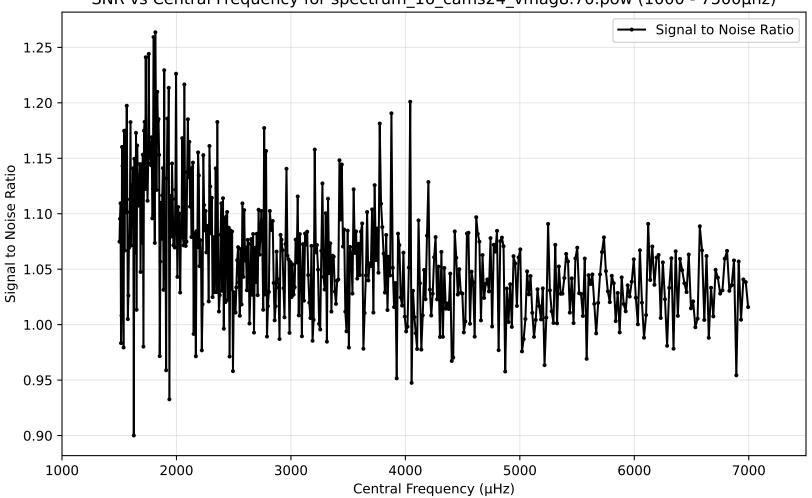


SNR vs Central Frequency for spectrum\_16\_cams24\_vmag8.64.pow (1000 - 7500µhz)

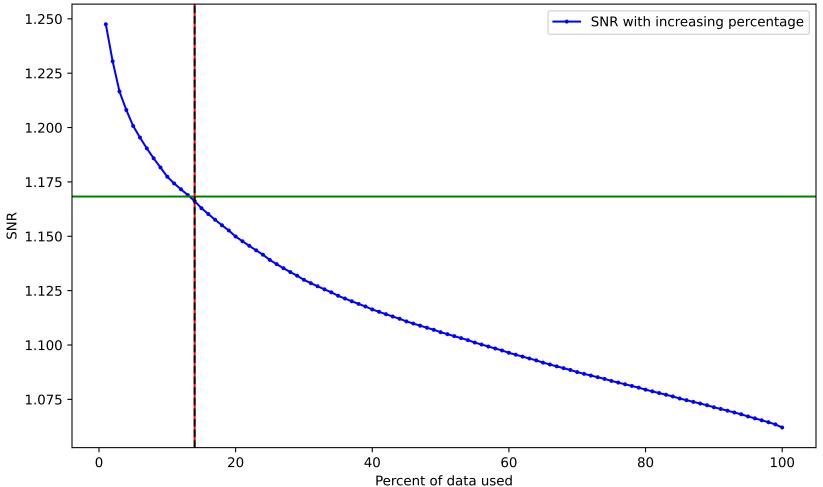


SNR variation for top n% of data for spectrum\_16\_cams24\_vmag8.64.pow. Drowned by noise at 9.0%. 1.22 SNR with increasing percentage 1.20 1.18 1.16 ¥ 1.14 1.12 1.10 1.08 1.06 -20 40 60 80 100 0 Percent of data used

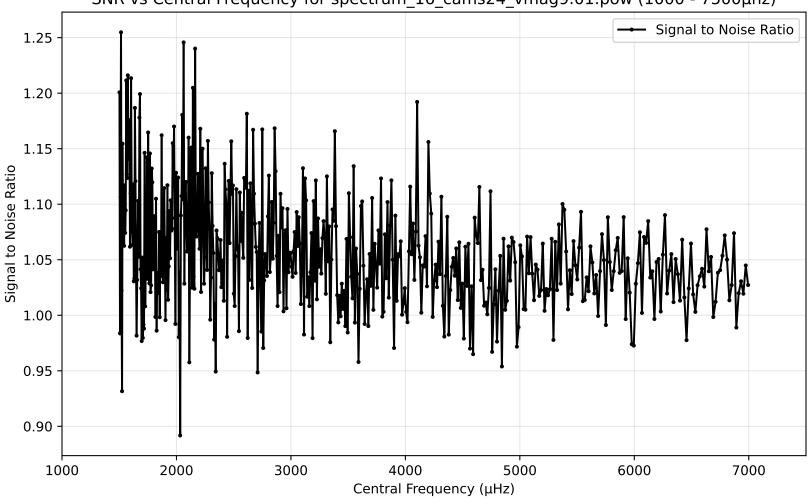
SNR vs Central Frequency for spectrum\_16\_cams24\_vmag8.70.pow (1000 - 7500µhz)



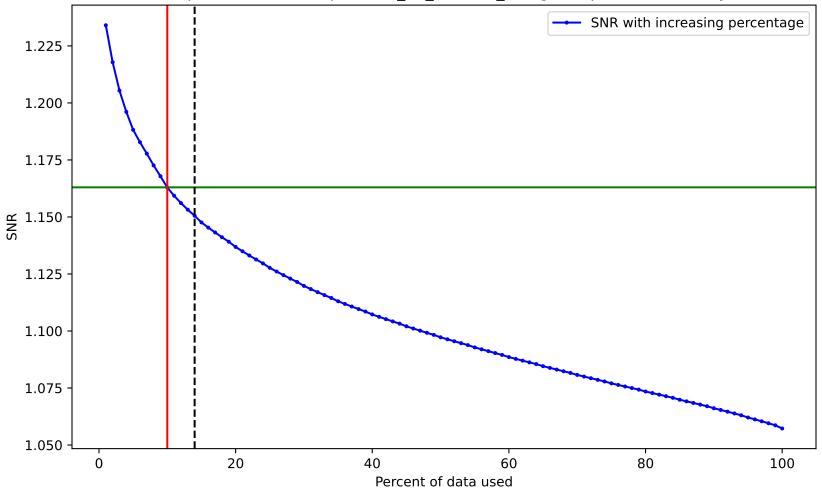
SNR variation for top n% of data for spectrum\_16\_cams24\_vmag8.70.pow. Drowned by noise at 14.0%.



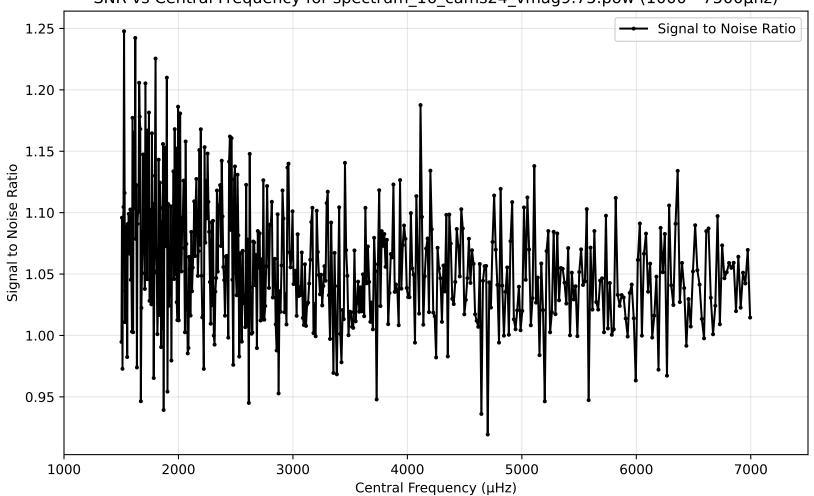
SNR vs Central Frequency for spectrum\_16\_cams24\_vmag9.01.pow (1000 - 7500µhz)



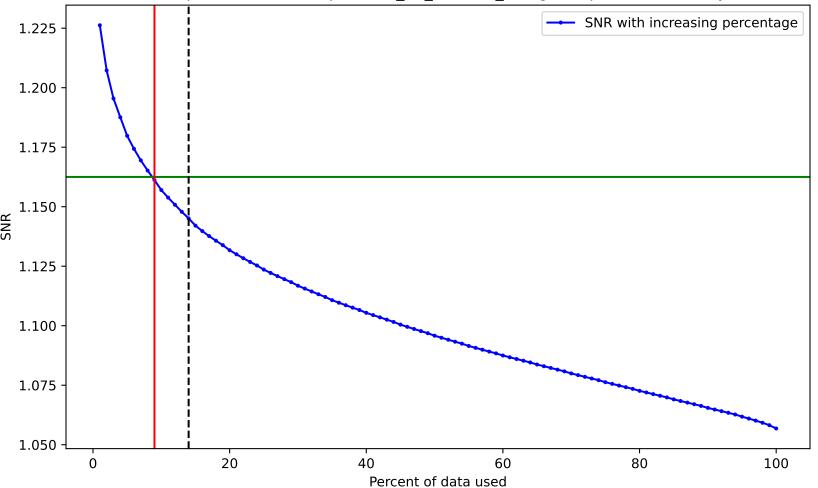
SNR variation for top n% of data for spectrum\_16\_cams24\_vmag9.01.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_16\_cams24\_vmag9.75.pow (1000 - 7500µhz)

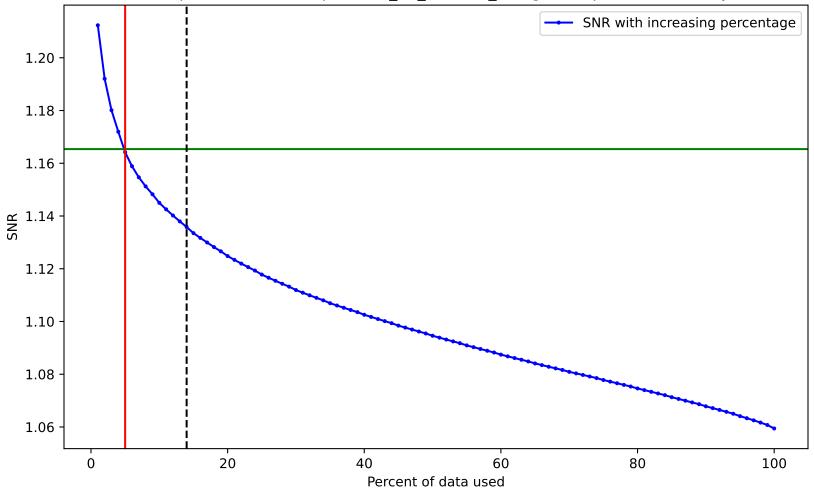


SNR variation for top n% of data for spectrum\_16\_cams24\_vmag9.75.pow. Drowned by noise at 9.0%.

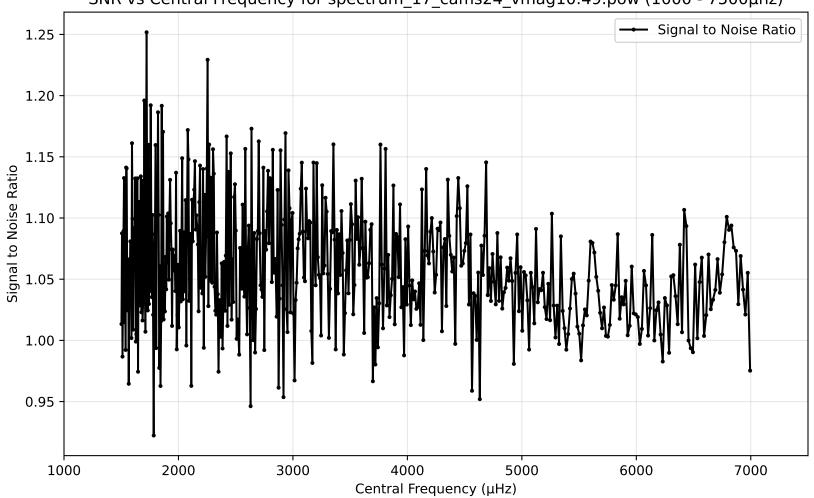


SNR vs Central Frequency for spectrum\_17\_cams24\_vmag10.33.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.10 -1.00 0.95 1000 2000 3000 4000 6000 7000 5000 Central Frequency (µHz)

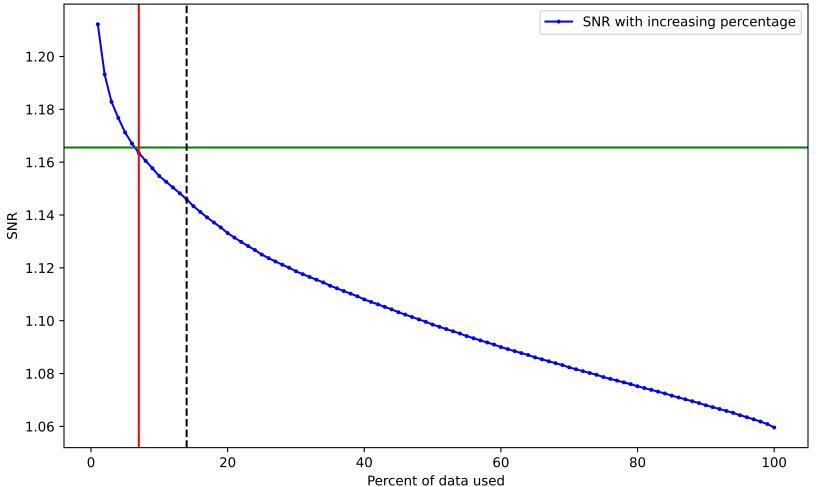
SNR variation for top n% of data for spectrum\_17\_cams24\_vmag10.33.pow. Drowned by noise at 5.0%.



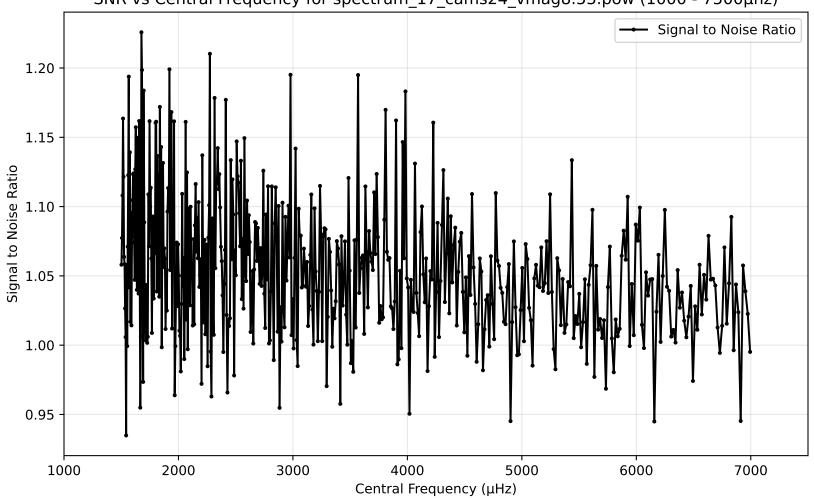
SNR vs Central Frequency for spectrum\_17\_cams24\_vmag10.49.pow (1000 - 7500µhz)



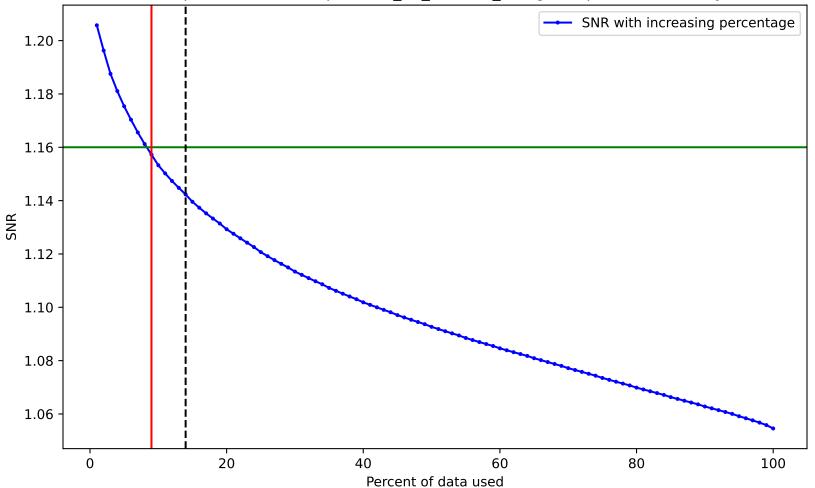
SNR variation for top n% of data for spectrum\_17\_cams24\_vmag10.49.pow. Drowned by noise at 7.0%.



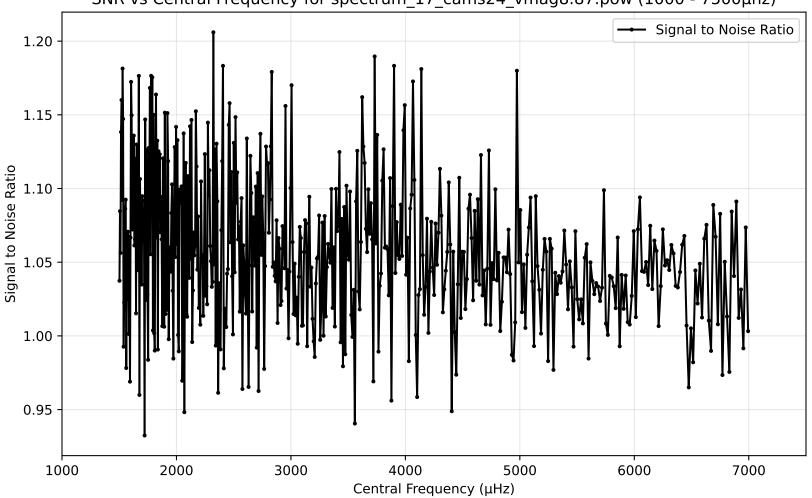
SNR vs Central Frequency for spectrum\_17\_cams24\_vmag8.53.pow (1000 - 7500µhz)



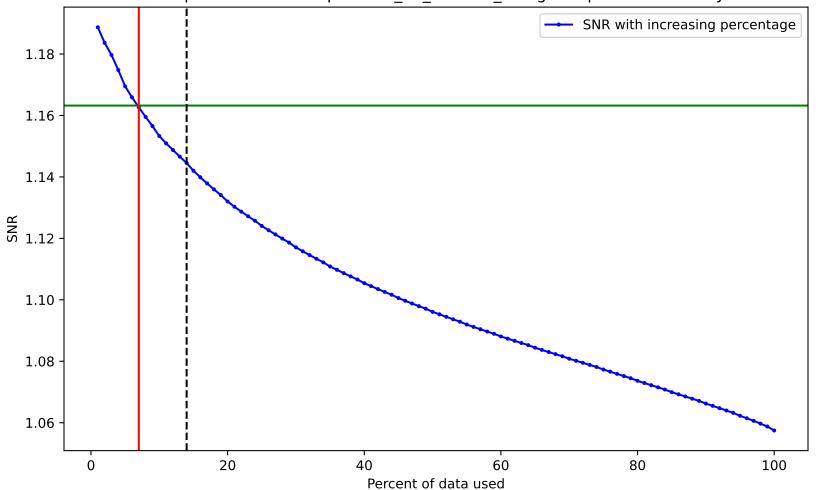
SNR variation for top n% of data for spectrum\_17\_cams24\_vmag8.53.pow. Drowned by noise at 9.0%.



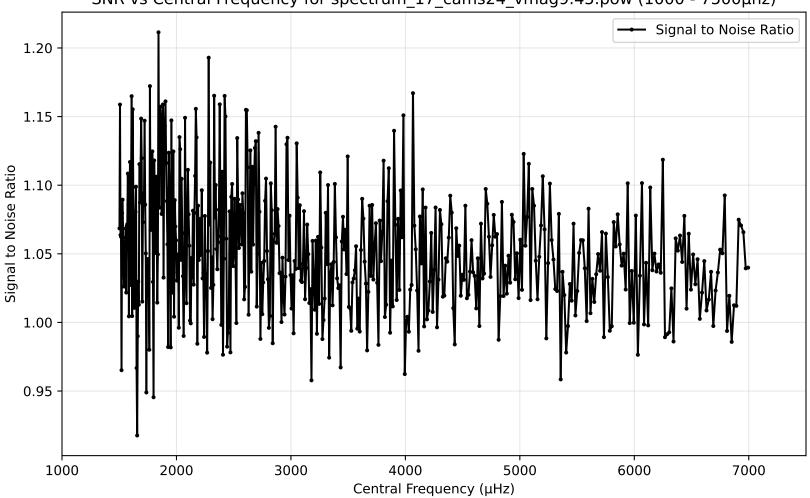
SNR vs Central Frequency for spectrum\_17\_cams24\_vmag8.87.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_17\_cams24\_vmag8.87.pow. Drowned by noise at 7.0%.

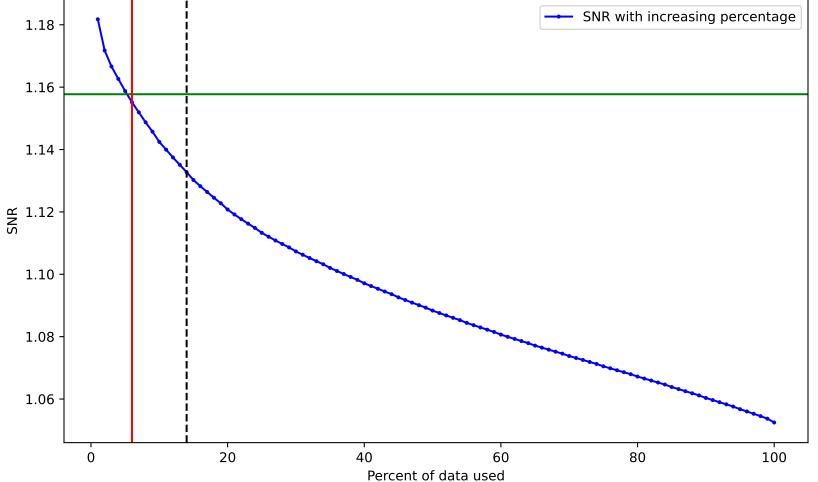


SNR vs Central Frequency for spectrum\_17\_cams24\_vmag9.45.pow (1000 - 7500µhz)

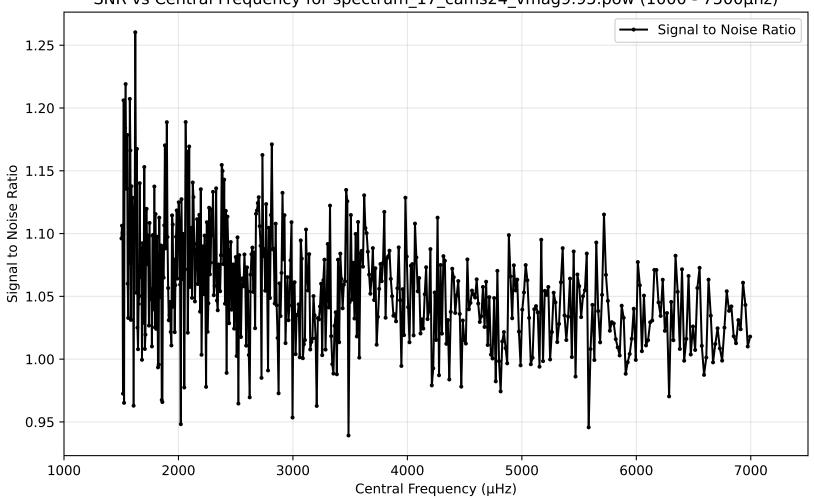


SNR variation for top n% of data for spectrum\_17\_cams24\_vmag9.45.pow. Drowned by noise at 6.0%.

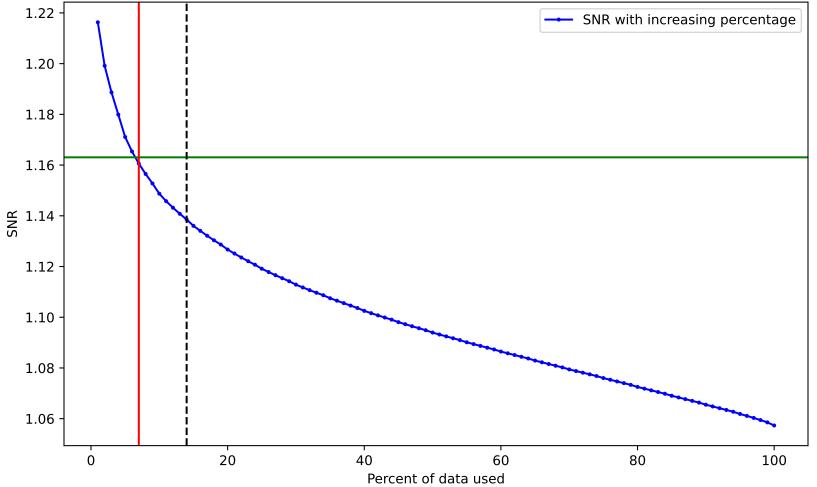
SNR with increasing percentage



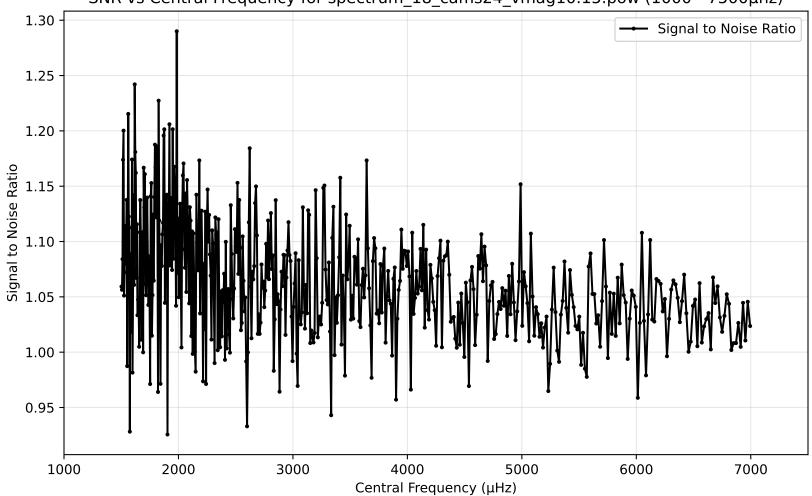
SNR vs Central Frequency for spectrum\_17\_cams24\_vmag9.95.pow (1000 - 7500µhz)



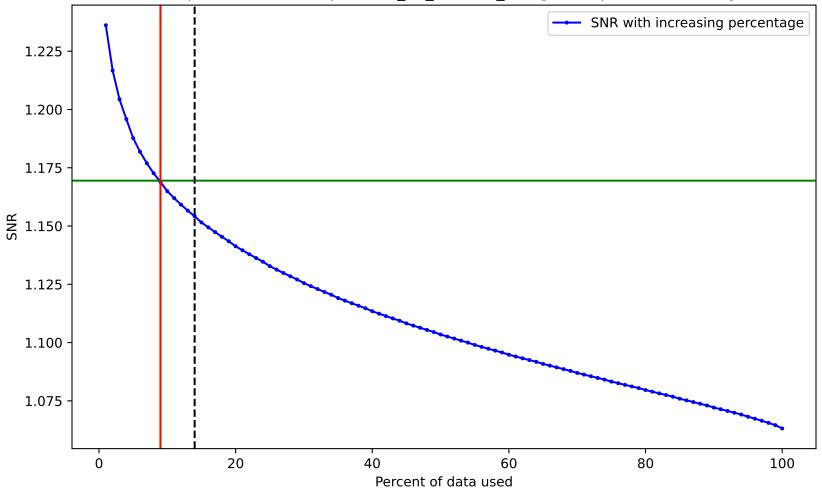
SNR variation for top n% of data for spectrum\_17\_cams24\_vmag9.95.pow. Drowned by noise at 7.0%.



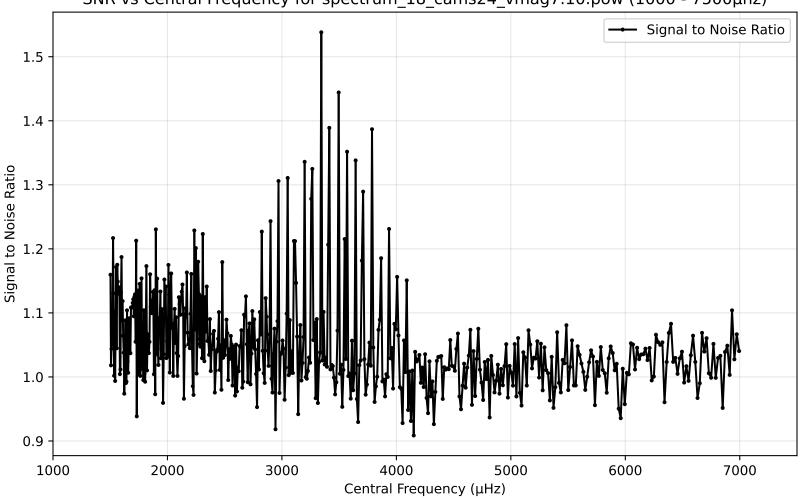
SNR vs Central Frequency for spectrum\_18\_cams24\_vmag10.15.pow (1000 - 7500µhz)



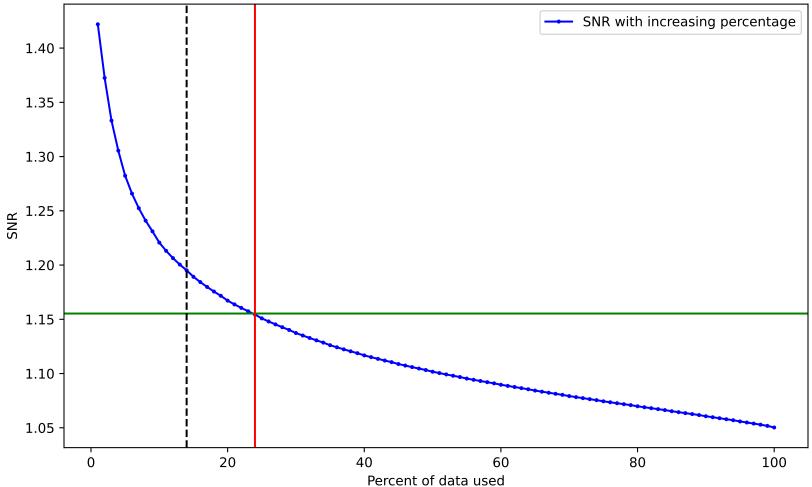
SNR variation for top n% of data for spectrum\_18\_cams24\_vmag10.15.pow. Drowned by noise at 9.0%.

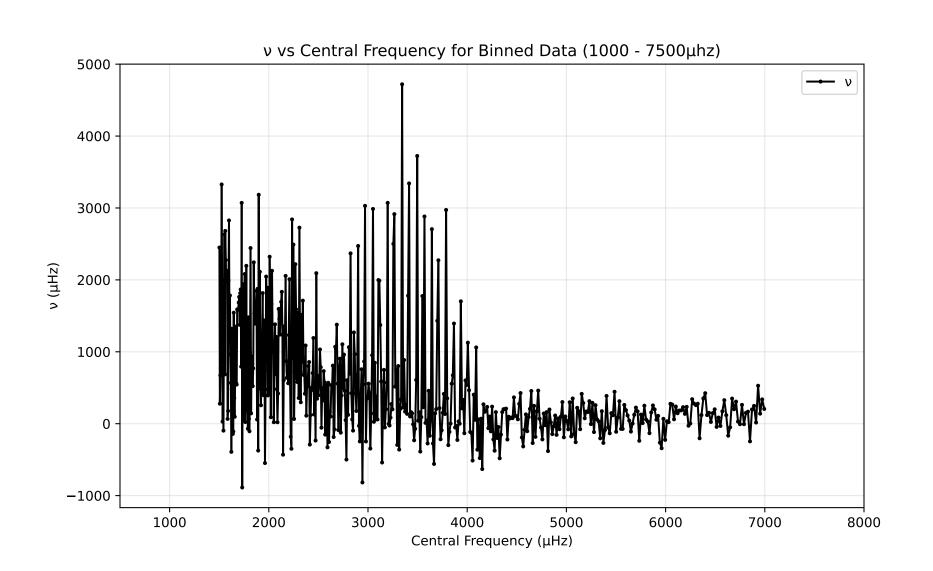


SNR vs Central Frequency for spectrum\_18\_cams24\_vmag7.10.pow (1000 - 7500µhz)

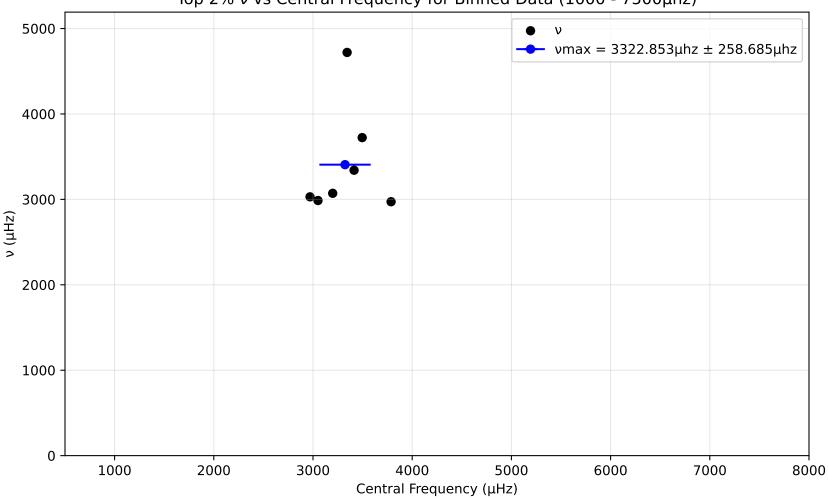


SNR variation for top n% of data for spectrum\_18\_cams24\_vmag7.10.pow. Drowned by noise at 24.0%.

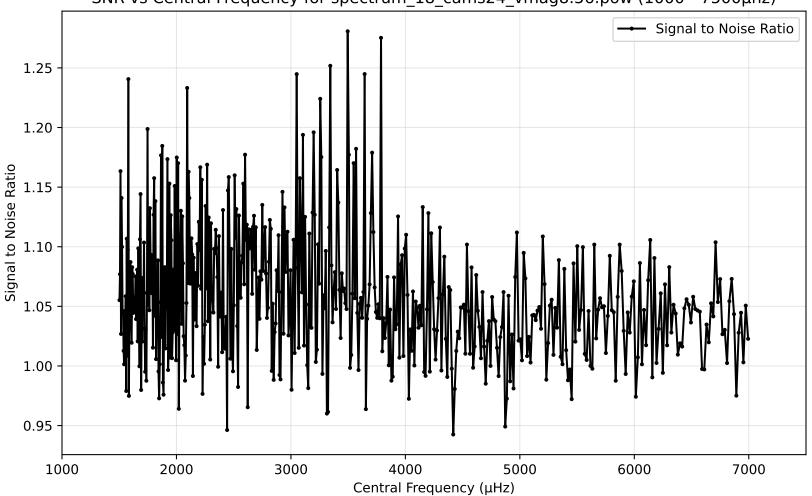




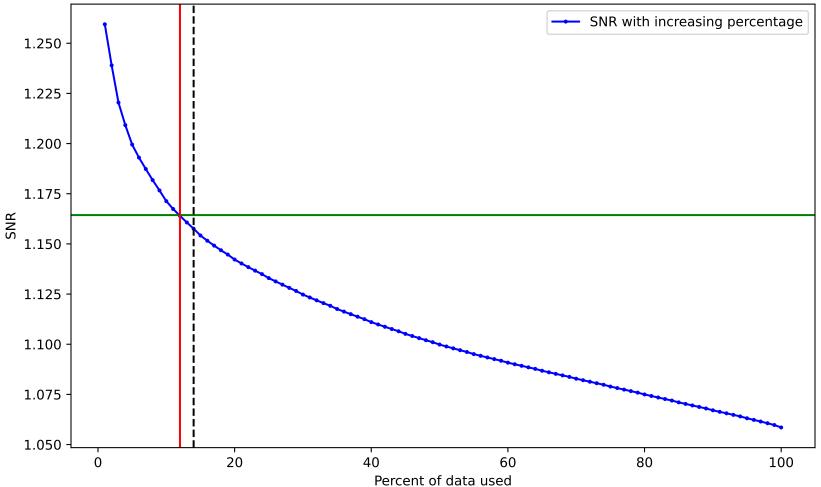
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



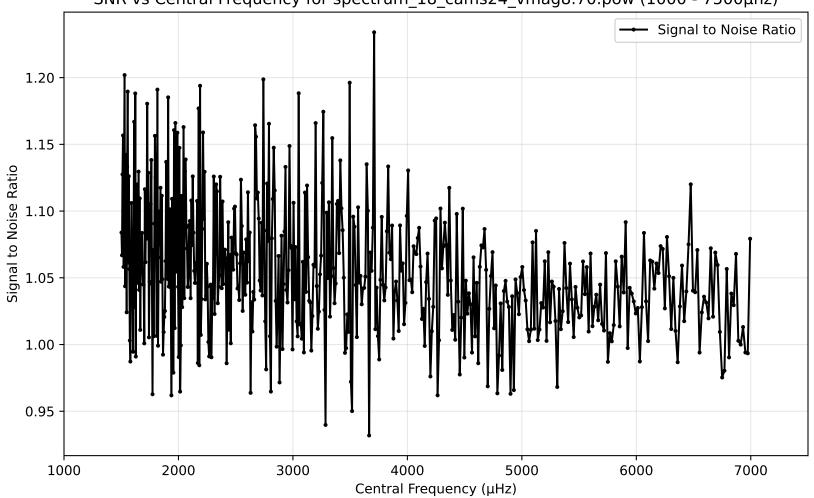
SNR vs Central Frequency for spectrum\_18\_cams24\_vmag8.56.pow (1000 - 7500µhz)



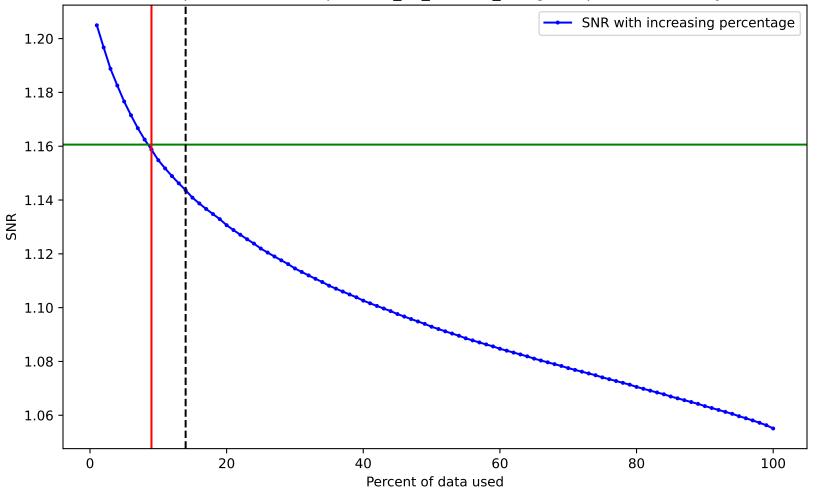
SNR variation for top n% of data for spectrum\_18\_cams24\_vmag8.56.pow. Drowned by noise at 12.0%.



SNR vs Central Frequency for spectrum\_18\_cams24\_vmag8.70.pow (1000 - 7500µhz)



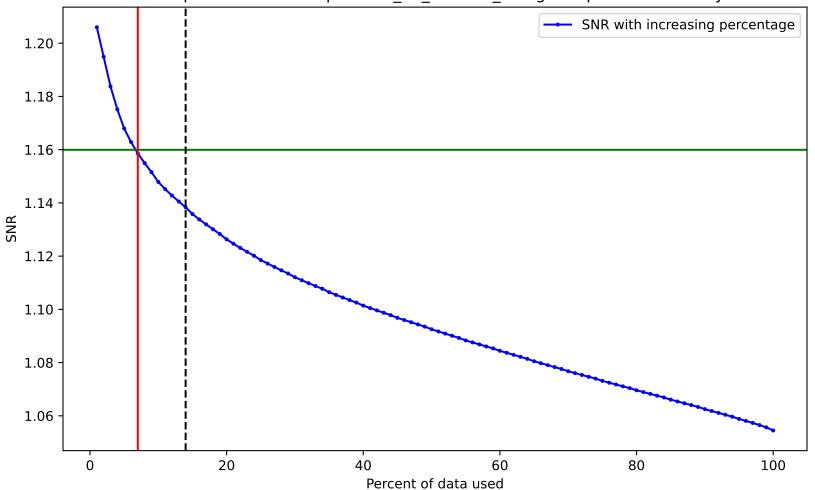
SNR variation for top n% of data for spectrum\_18\_cams24\_vmag8.70.pow. Drowned by noise at 9.0%.



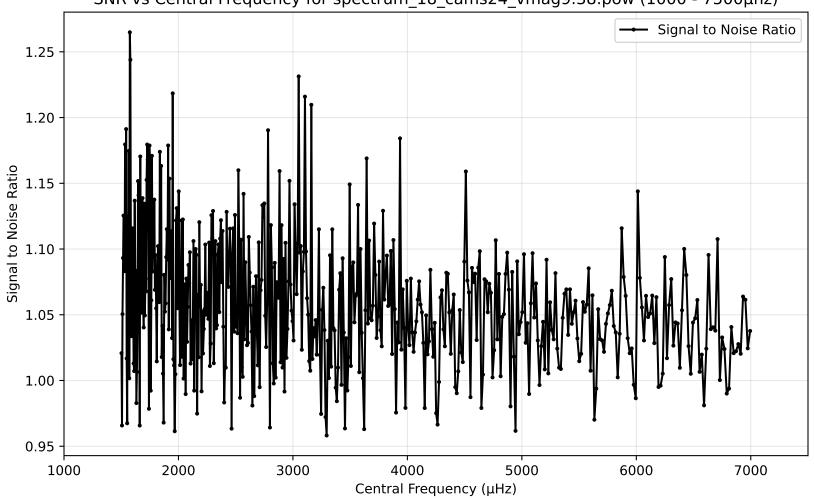
SNR vs Central Frequency for spectrum\_18\_cams24\_vmag9.17.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 6000 7000 5000

Central Frequency (µHz)

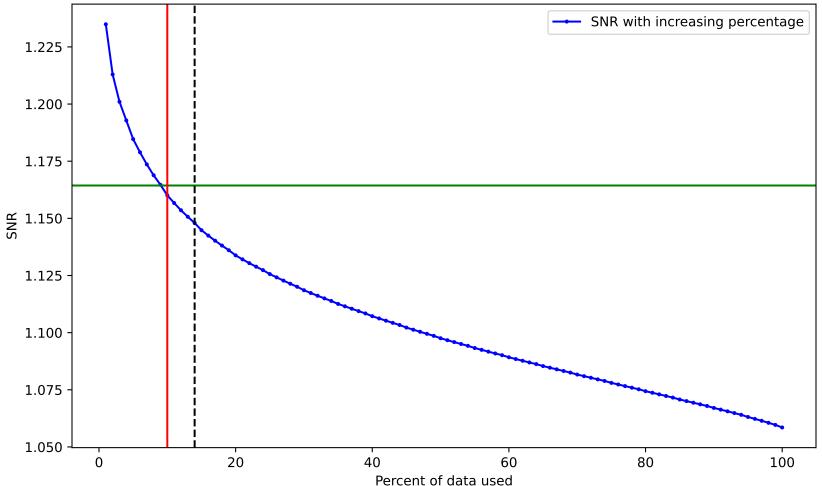
SNR variation for top n% of data for spectrum\_18\_cams24\_vmag9.17.pow. Drowned by noise at 7.0%.



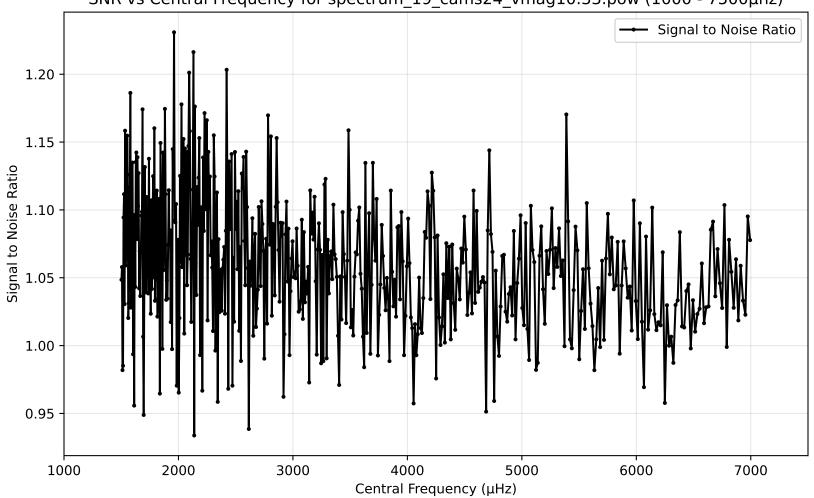
SNR vs Central Frequency for spectrum\_18\_cams24\_vmag9.38.pow (1000 - 7500µhz)



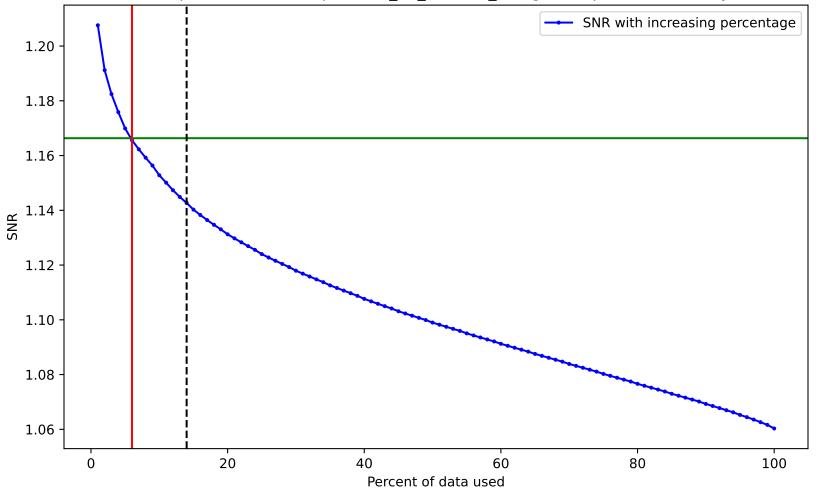
SNR variation for top n% of data for spectrum\_18\_cams24\_vmag9.38.pow. Drowned by noise at 10.0%.



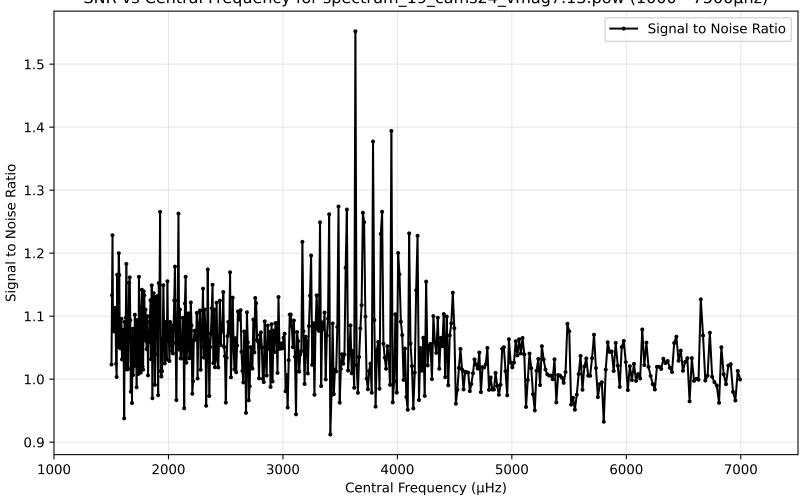
SNR vs Central Frequency for spectrum\_19\_cams24\_vmag10.33.pow (1000 - 7500µhz)



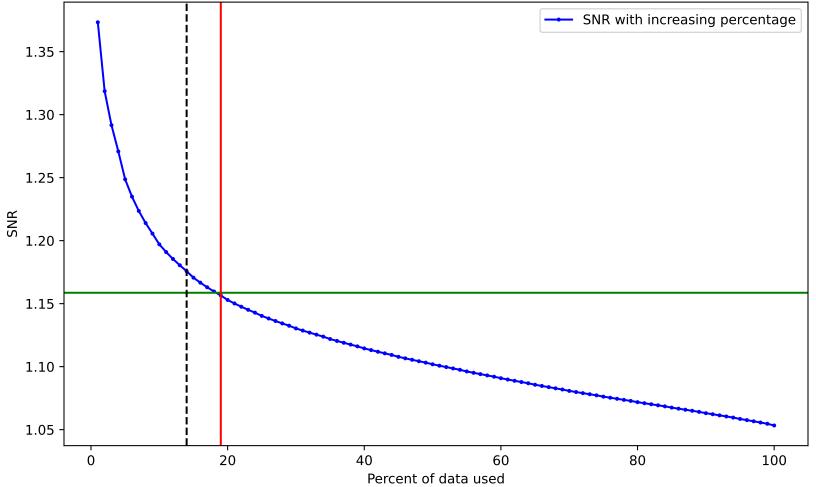
SNR variation for top n% of data for spectrum\_19\_cams24\_vmag10.33.pow. Drowned by noise at 6.0%.



SNR vs Central Frequency for spectrum\_19\_cams24\_vmag7.13.pow (1000 - 7500µhz)

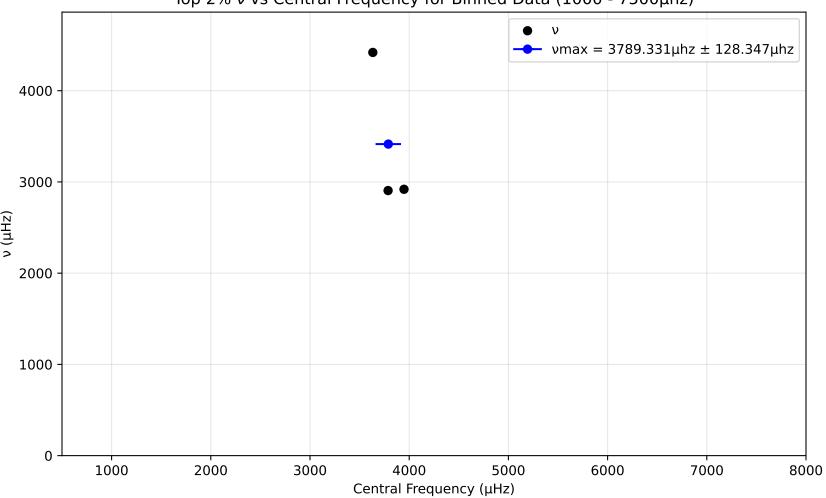


SNR variation for top n% of data for spectrum\_19\_cams24\_vmag7.13.pow. Drowned by noise at 19.0%.

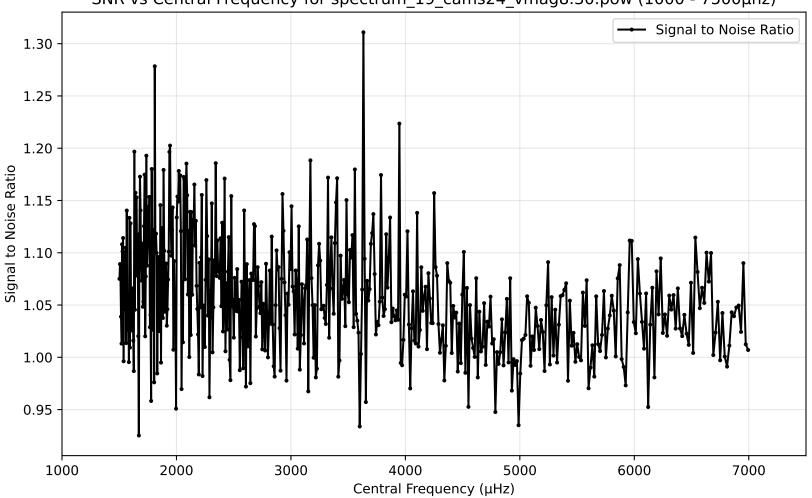


 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz) v (µHz) -1000 Central Frequency (µHz)

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



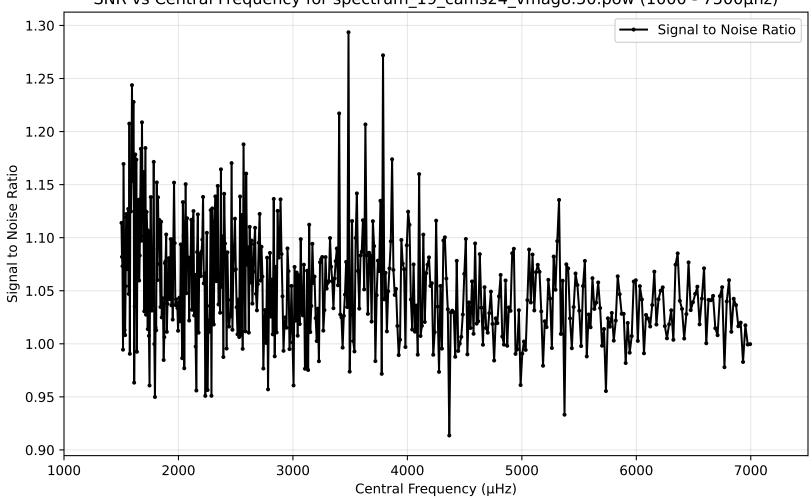
SNR vs Central Frequency for spectrum\_19\_cams24\_vmag8.30.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_19\_cams24\_vmag8.30.pow. Drowned by noise at 12.0%. 1.250 -SNR with increasing percentage 1.225 1.200 1.175 -NS 1.150 -1.125 1.100 1.075 1.050 20 40 60 80 100

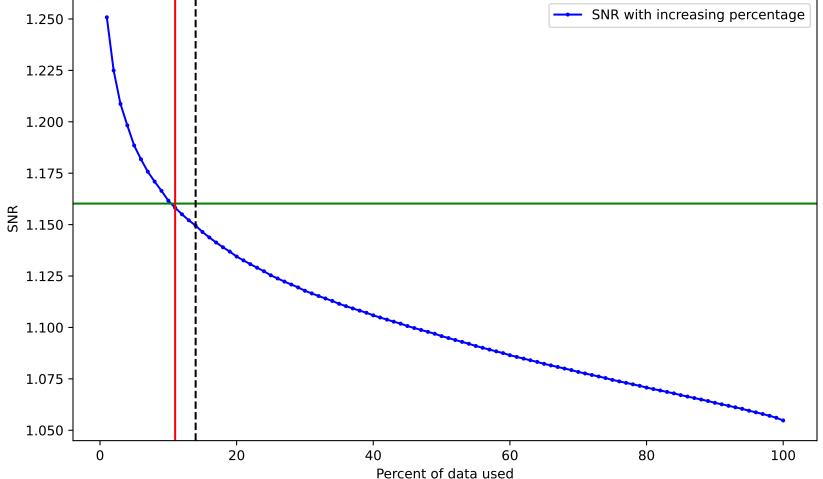
Percent of data used

SNR vs Central Frequency for spectrum\_19\_cams24\_vmag8.50.pow (1000 - 7500µhz)

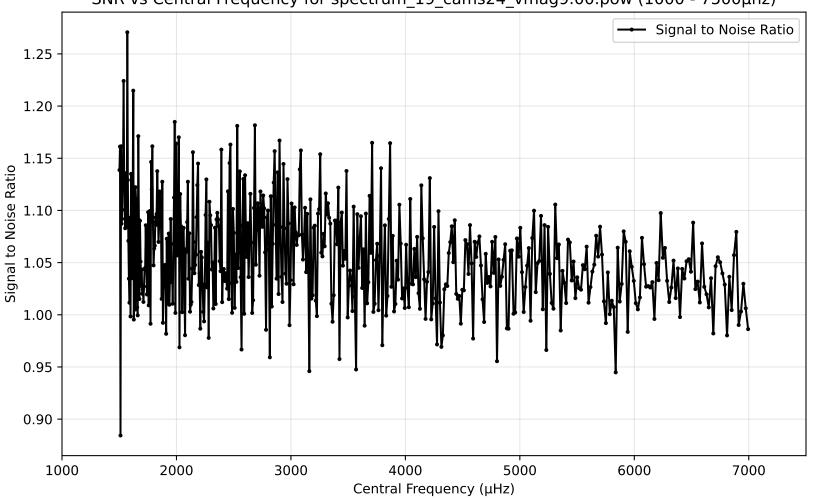


SNR variation for top n% of data for spectrum\_19\_cams24\_vmag8.50.pow. Drowned by noise at 11.0%.

SNR with increasing percentage



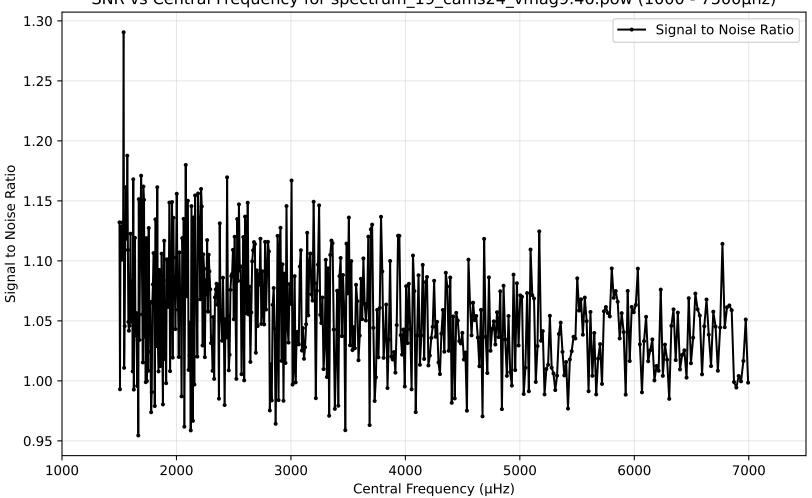
SNR vs Central Frequency for spectrum\_19\_cams24\_vmag9.00.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_19\_cams24\_vmag9.00.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\_19\_cams24\_vmag9.46.pow (1000 - 7500µhz)

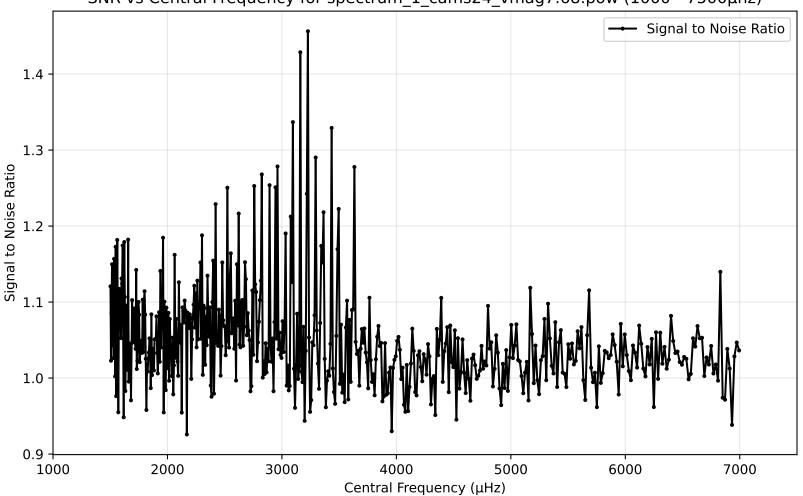


SNR variation for top n% of data for spectrum\_19\_cams24\_vmag9.46.pow. Drowned by noise at 5.0%. SNR with increasing percentage 1.20 -1.18 1.16 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

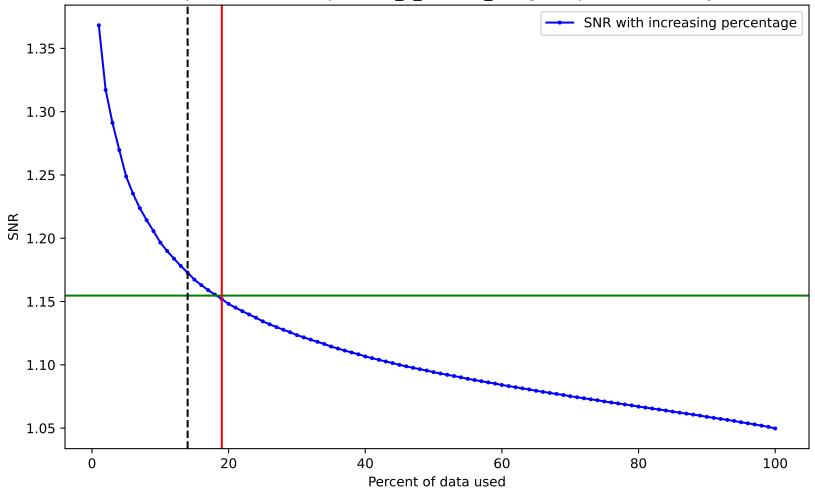
Percent of data used

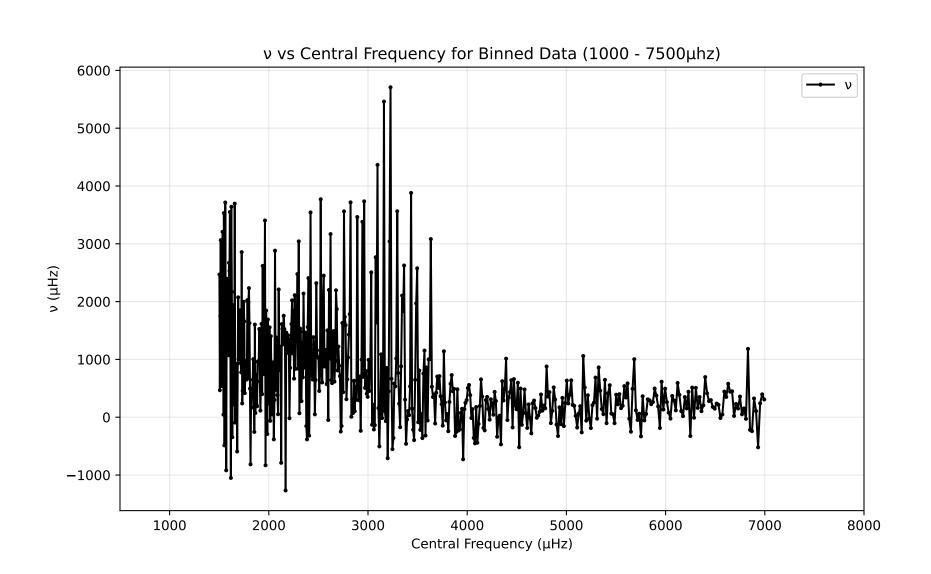
SNR

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

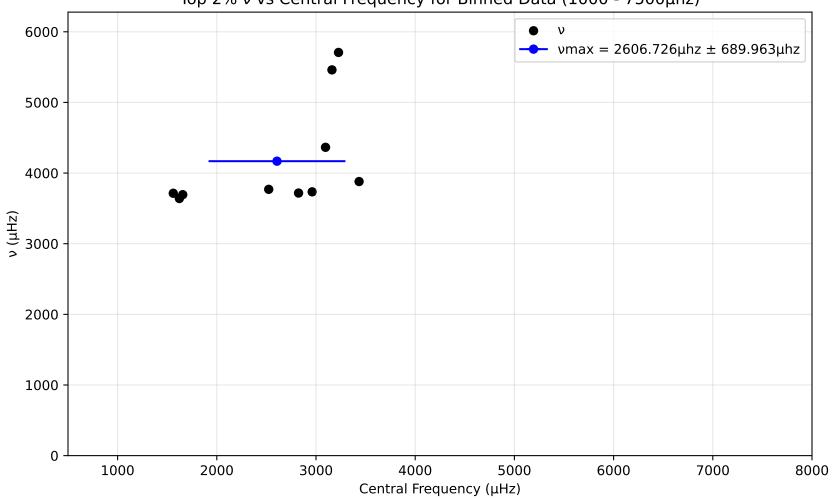


SNR variation for top n% of data for spectrum\_1\_cams24\_vmag7.68.pow. Drowned by noise at 19.0%.

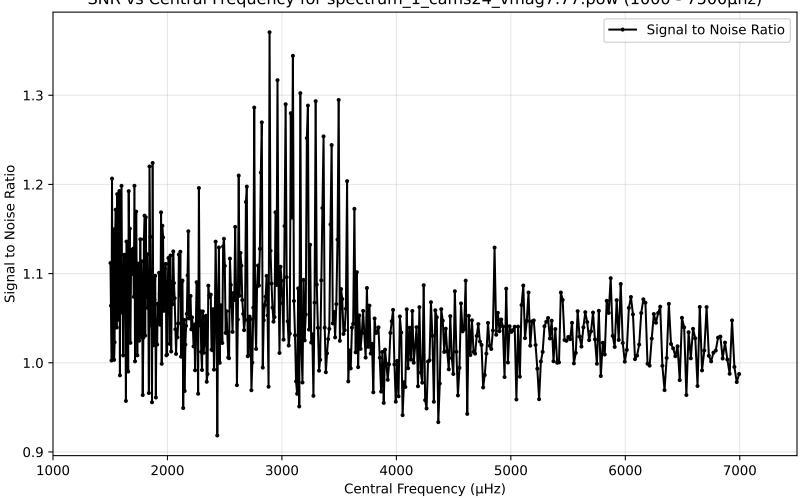




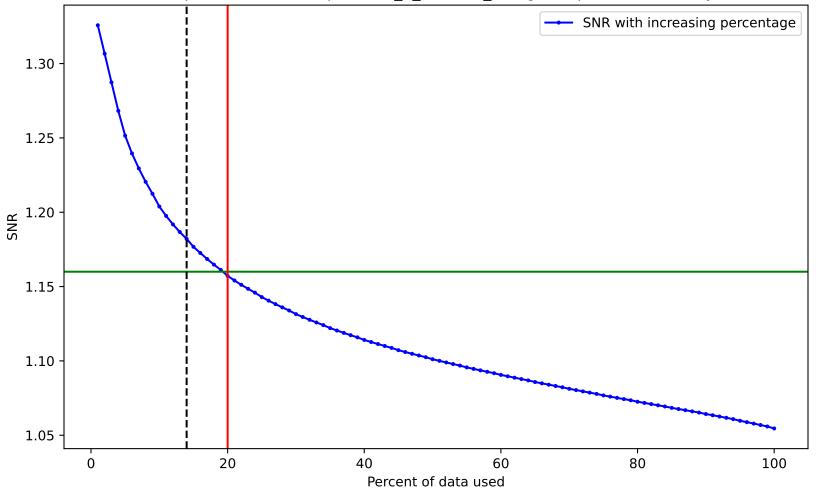
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



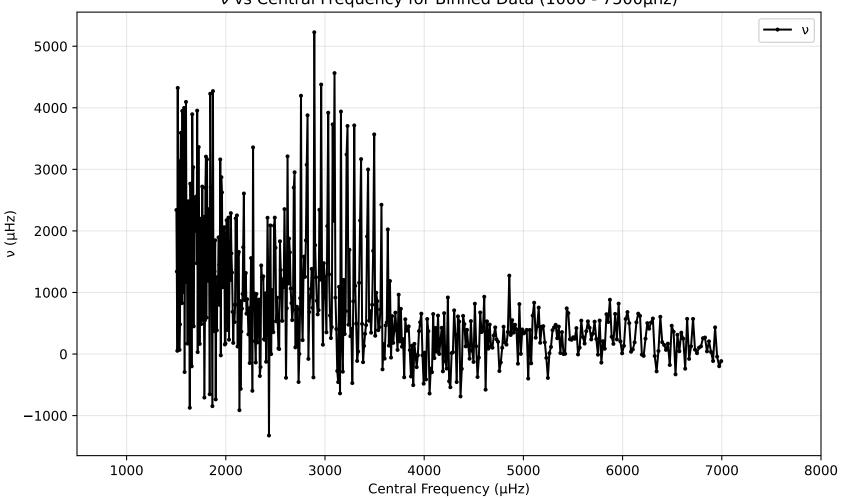
SNR vs Central Frequency for spectrum\_1\_cams24\_vmag7.77.pow (1000 - 7500µhz)



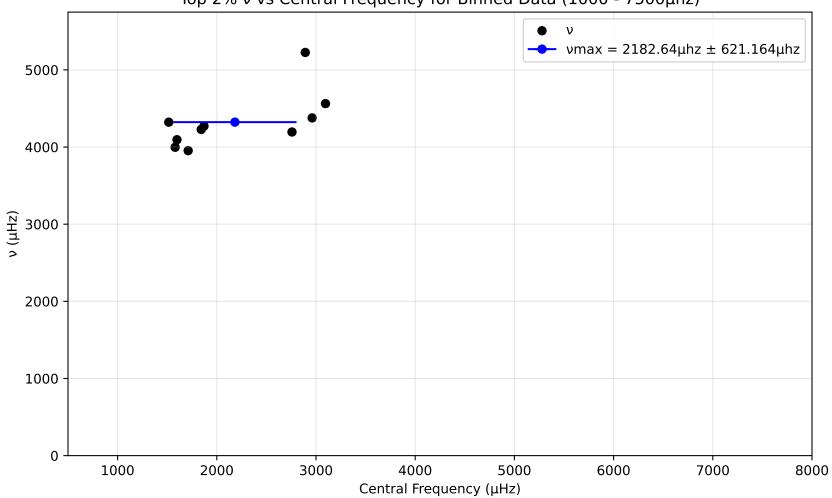
SNR variation for top n% of data for spectrum\_1\_cams24\_vmag7.77.pow. Drowned by noise at 20.0%.



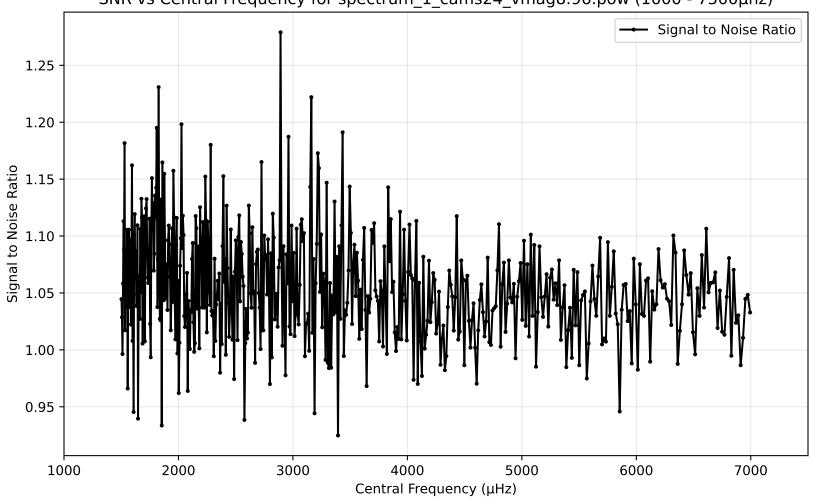
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500  $\mu hz)$ 



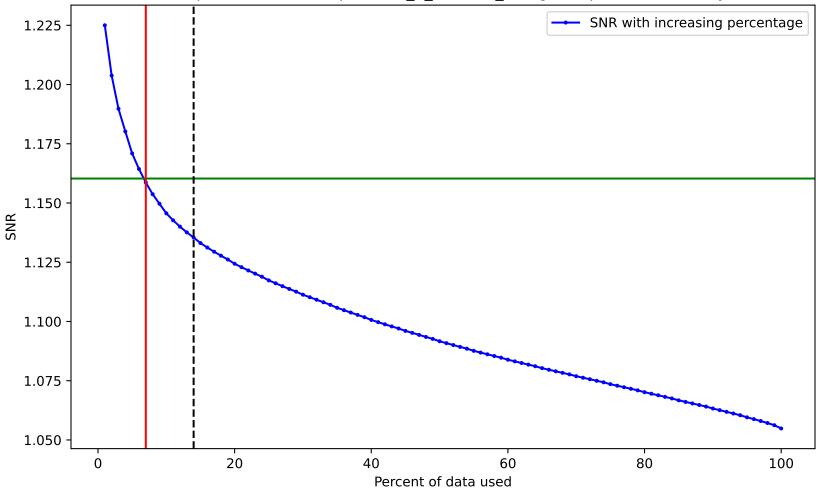
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



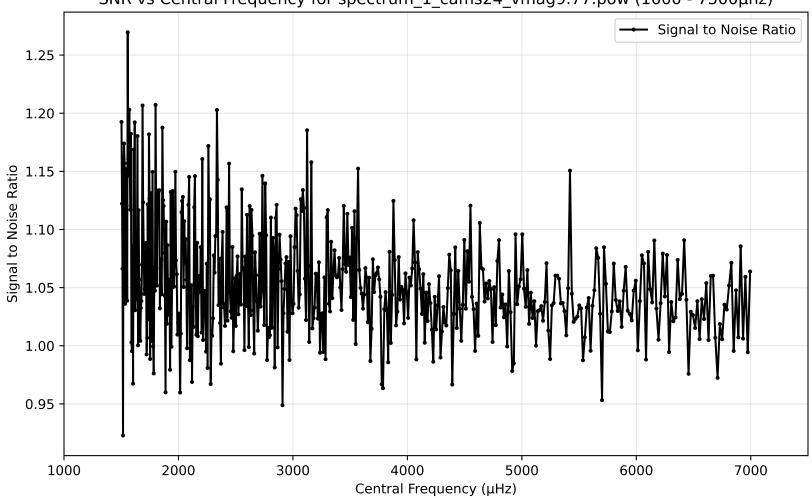
SNR vs Central Frequency for spectrum\_1\_cams24\_vmag8.96.pow (1000 - 7500µhz)



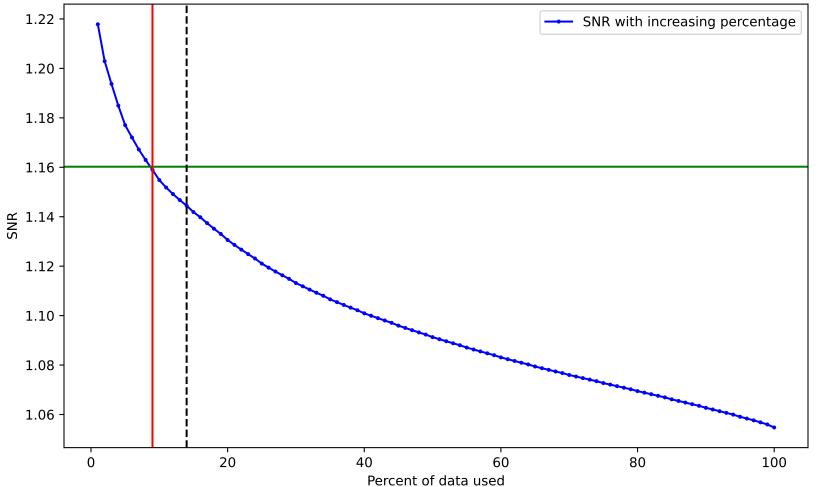
SNR variation for top n% of data for spectrum\_1\_cams24\_vmag8.96.pow. Drowned by noise at 7.0%.



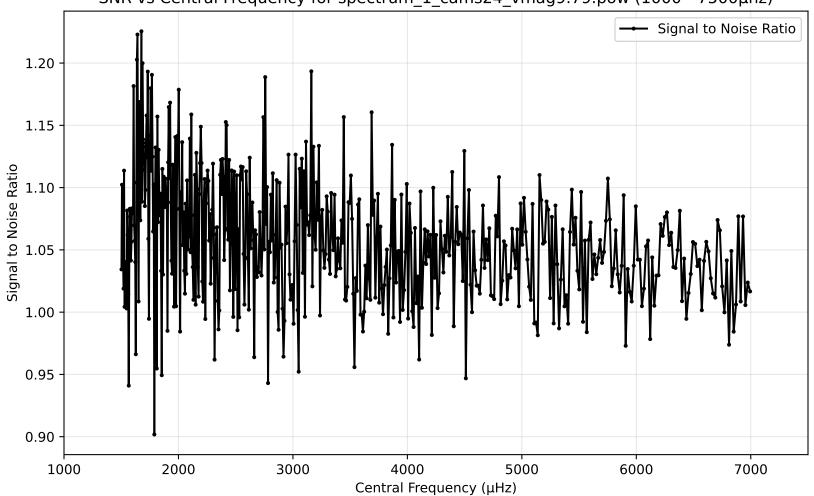
SNR vs Central Frequency for spectrum\_1\_cams24\_vmag9.77.pow (1000 - 7500µhz)



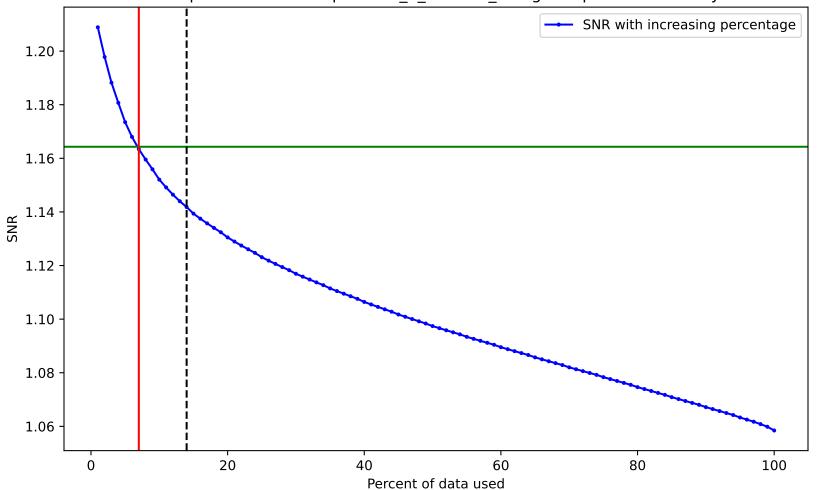
SNR variation for top n% of data for spectrum\_1\_cams24\_vmag9.77.pow. Drowned by noise at 9.0%.



SNR vs Central Frequency for spectrum\_1\_cams24\_vmag9.79.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_1\_cams24\_vmag9.79.pow. Drowned by noise at 7.0%.



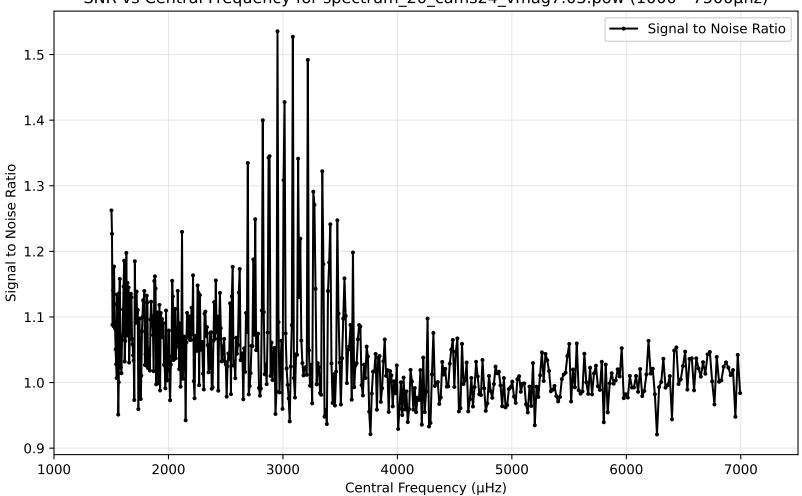
SNR vs Central Frequency for spectrum\_1\_cams24\_vmag9.95.pow (1000 - 7500µhz) 1.25 -Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 1.05 1.10 1.05 0.95 0.90 1000 2000 3000 4000 6000 7000 5000

Central Frequency (µHz)

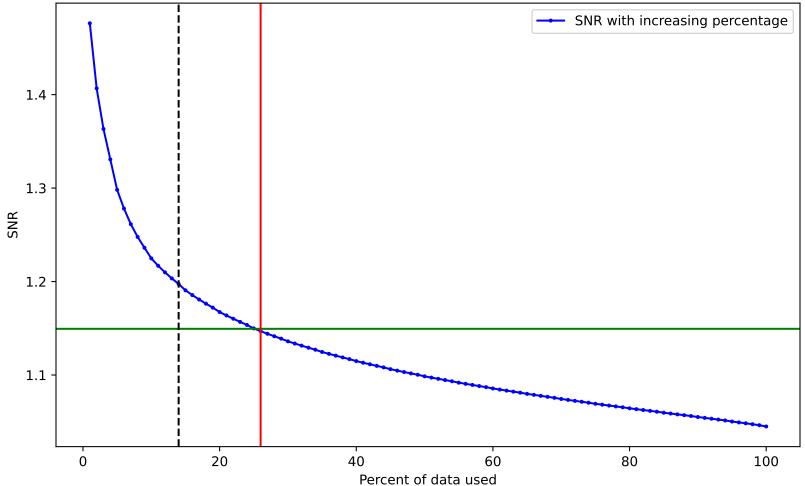
SNR variation for top n% of data for spectrum\_1\_cams24\_vmag9.95.pow. Drowned by noise at 10.0%. SNR with increasing percentage 1.22 1.20 1.18 1.16 X 1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

SNR vs Central Frequency for spectrum\_20\_cams24\_vmag7.03.pow (1000 - 7500µhz)

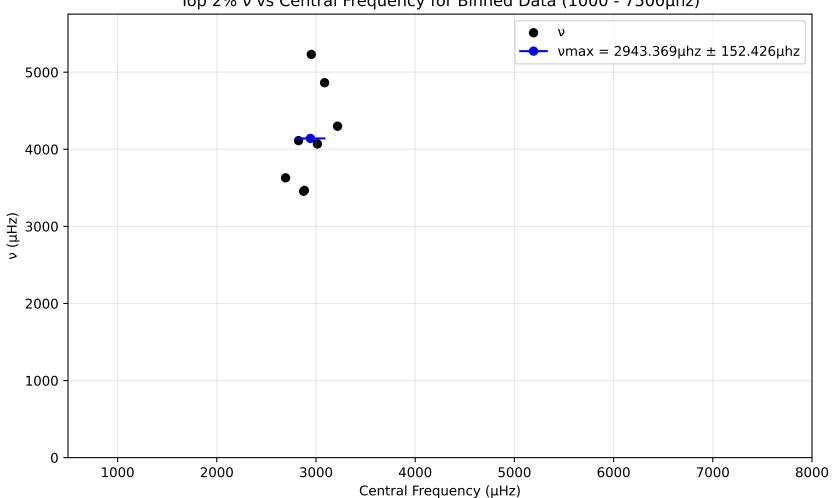


SNR variation for top n% of data for spectrum\_20\_cams24\_vmag7.03.pow. Drowned by noise at 26.0%.

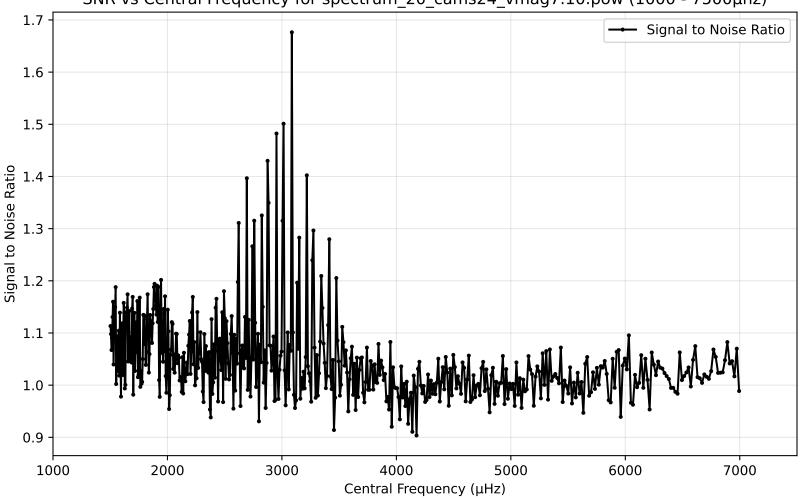


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

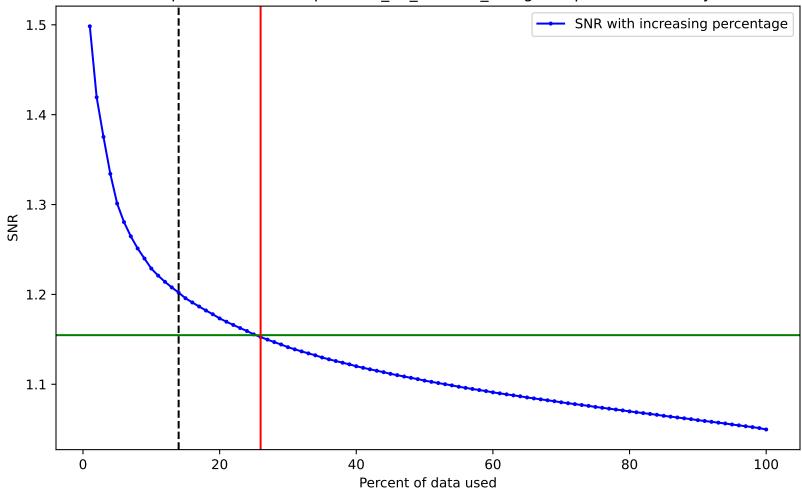
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_20\_cams24\_vmag7.10.pow (1000 - 7500µhz)

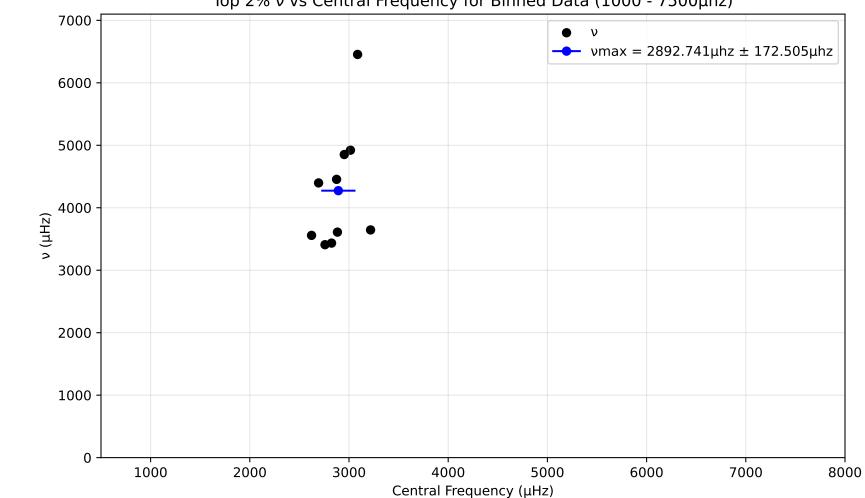


SNR variation for top n% of data for spectrum\_20\_cams24\_vmag7.10.pow. Drowned by noise at 26.0%.

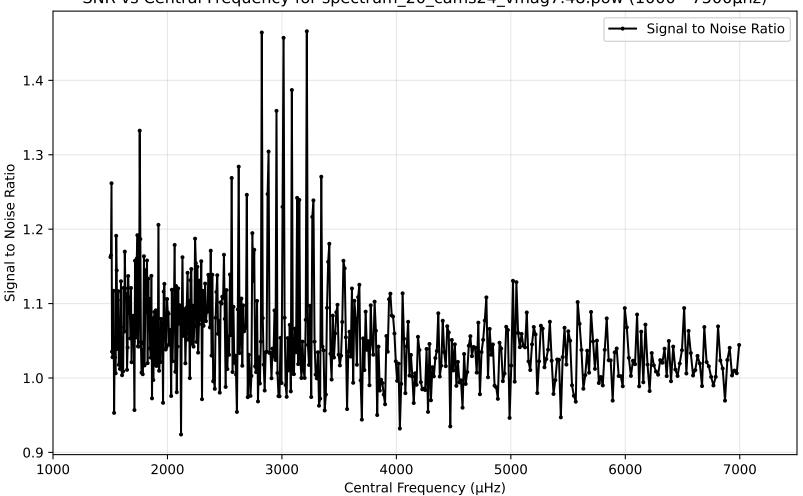


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

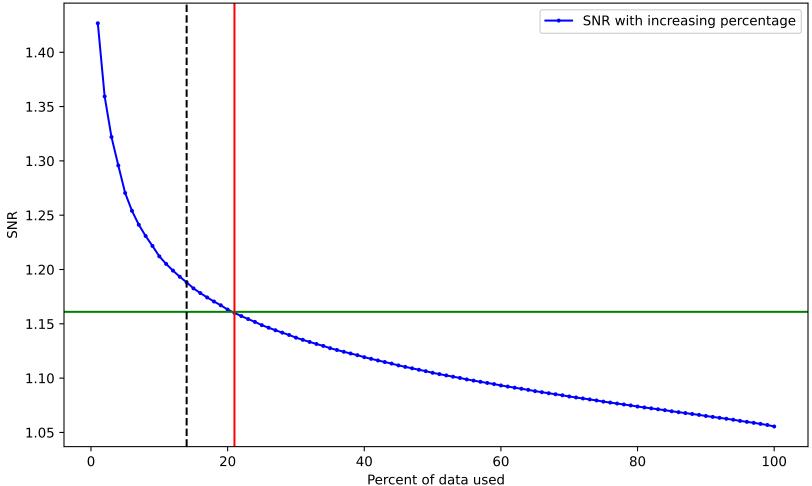
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_20\_cams24\_vmag7.48.pow (1000 - 7500µhz)



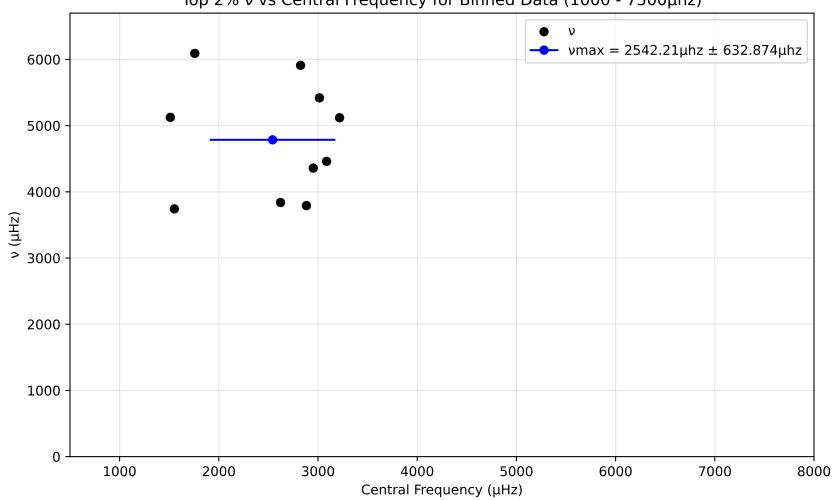
SNR variation for top n% of data for spectrum\_20\_cams24\_vmag7.48.pow. Drowned by noise at 21.0%.



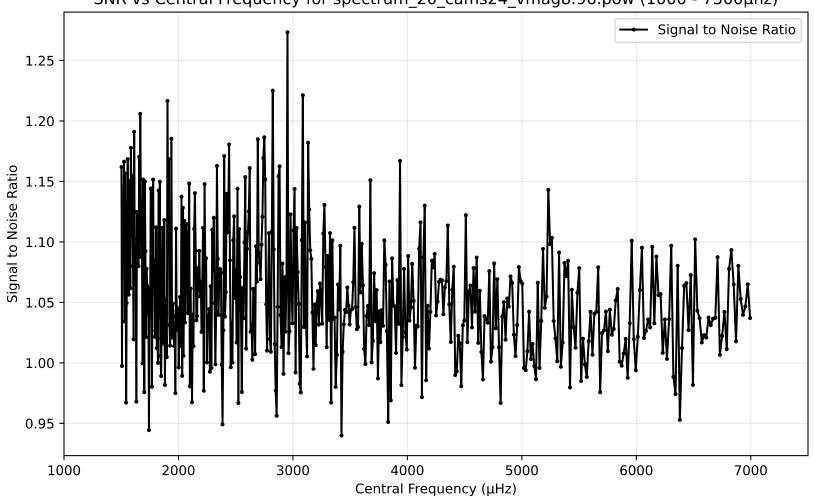
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (μHz) -1000 

Central Frequency (µHz)

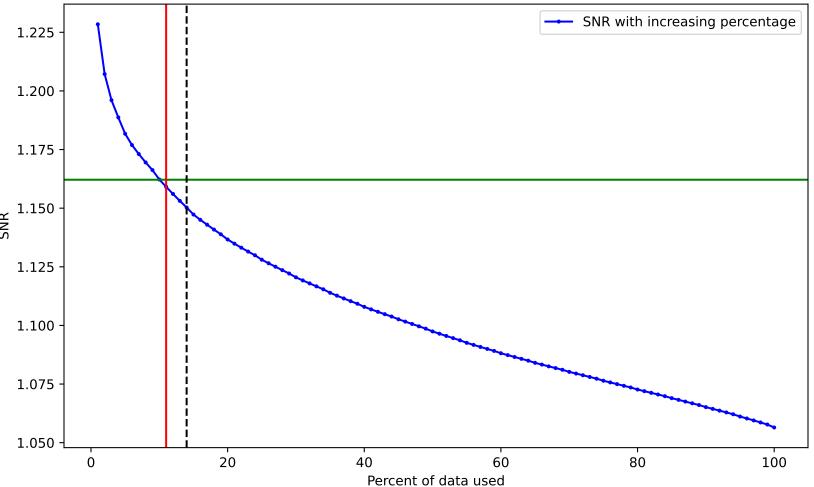
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



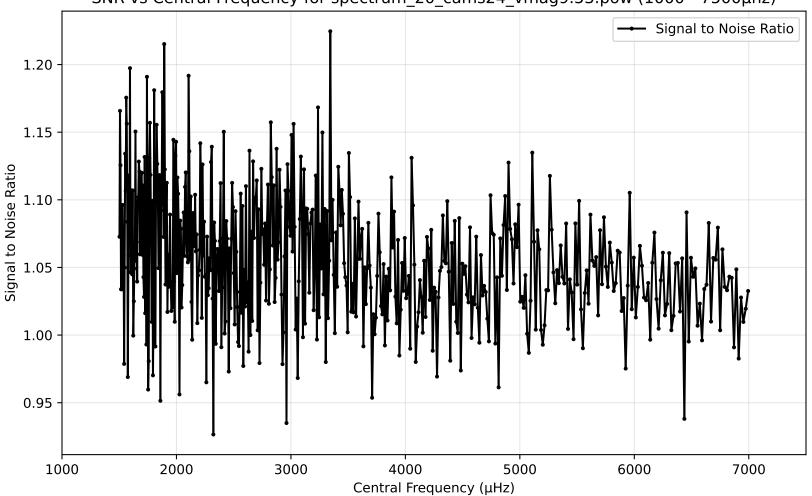
SNR vs Central Frequency for spectrum\_20\_cams24\_vmag8.96.pow (1000 - 7500µhz)



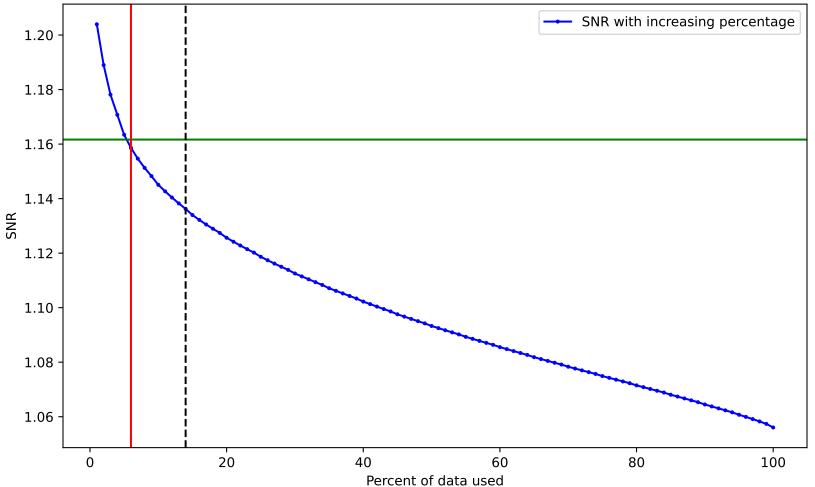
SNR variation for top n% of data for spectrum\_20\_cams24\_vmag8.96.pow. Drowned by noise at 11.0%.



SNR vs Central Frequency for spectrum\_20\_cams24\_vmag9.53.pow (1000 - 7500µhz)



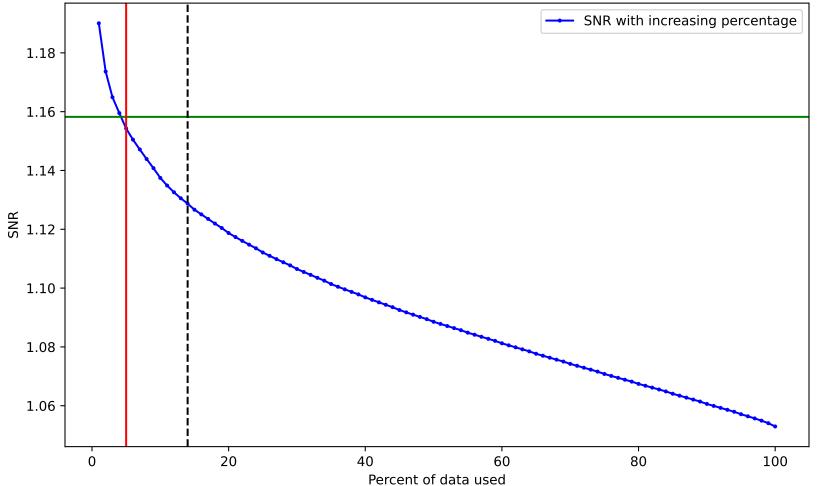
SNR variation for top n% of data for spectrum\_20\_cams24\_vmag9.53.pow. Drowned by noise at 6.0%.



SNR vs Central Frequency for spectrum\_20\_cams24\_vmag9.96.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 6000 7000 5000

Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_20\_cams24\_vmag9.96.pow. Drowned by noise at 5.0%.



SNR vs Central Frequency for spectrum\_21\_cams24\_vmag10.31.pow (1000 - 7500µhz) 1.25 -Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95

4000

Central Frequency (µHz)

6000

5000

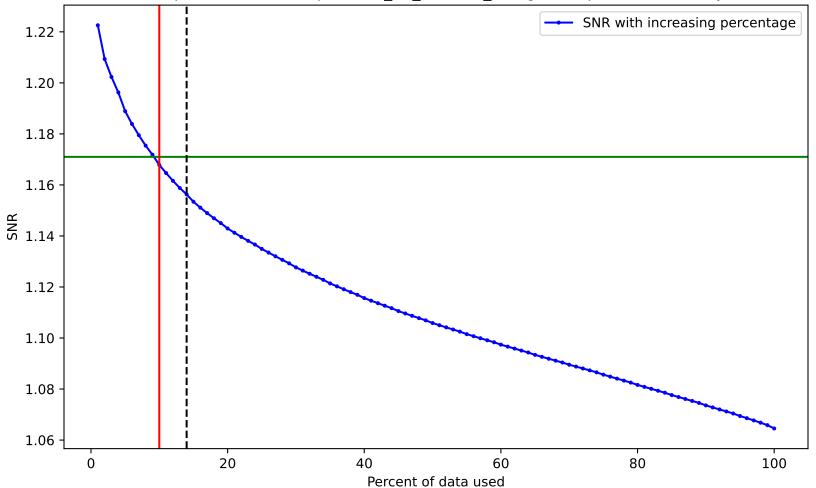
7000

1000

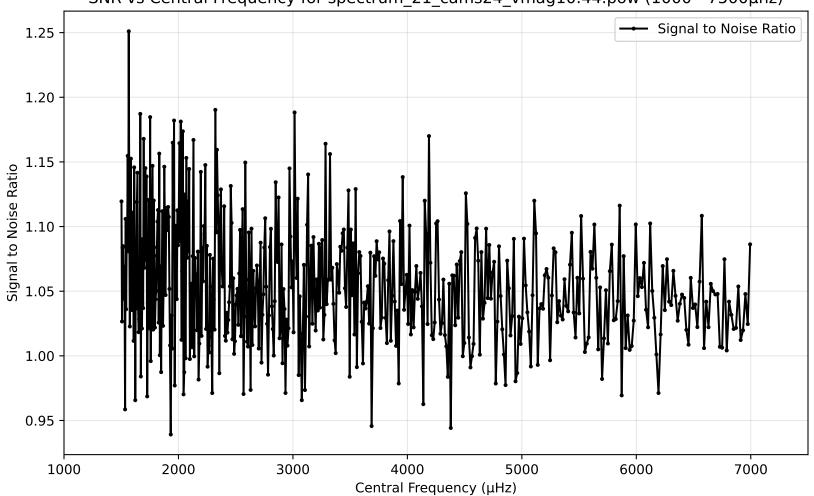
2000

3000

SNR variation for top n% of data for spectrum\_21\_cams24\_vmag10.31.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_21\_cams24\_vmag10.44.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_21\_cams24\_vmag10.44.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

60

Percent of data used

80

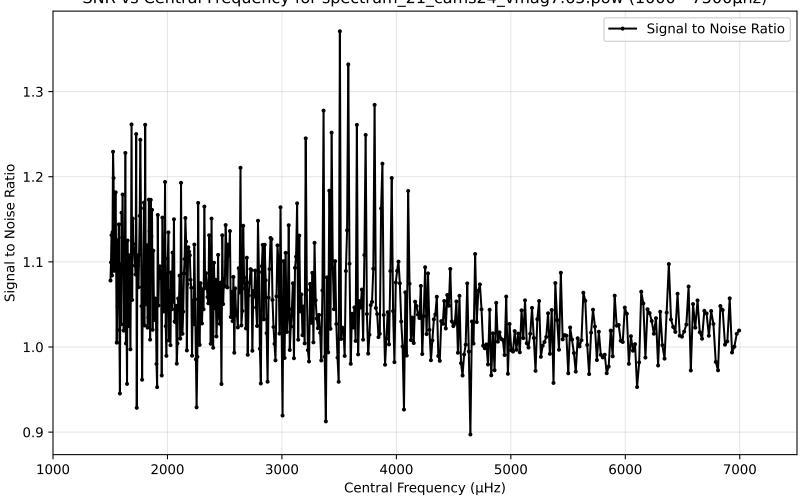
100

40

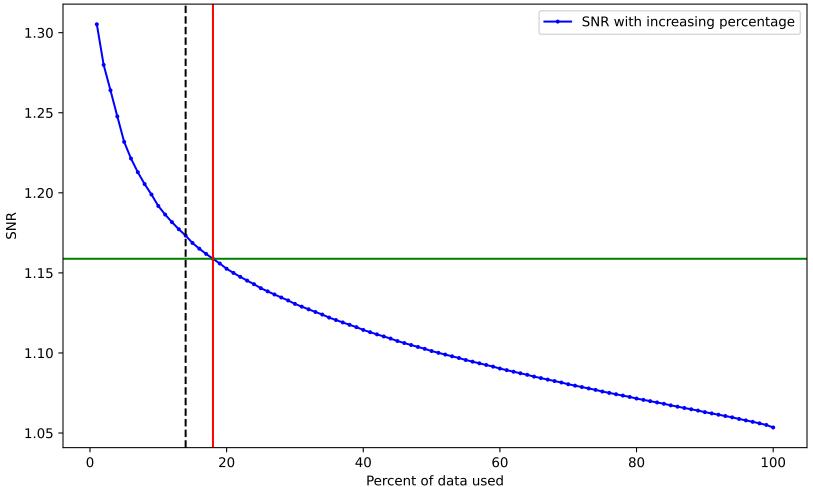
20

0

SNR vs Central Frequency for spectrum\_21\_cams24\_vmag7.65.pow (1000 - 7500µhz)



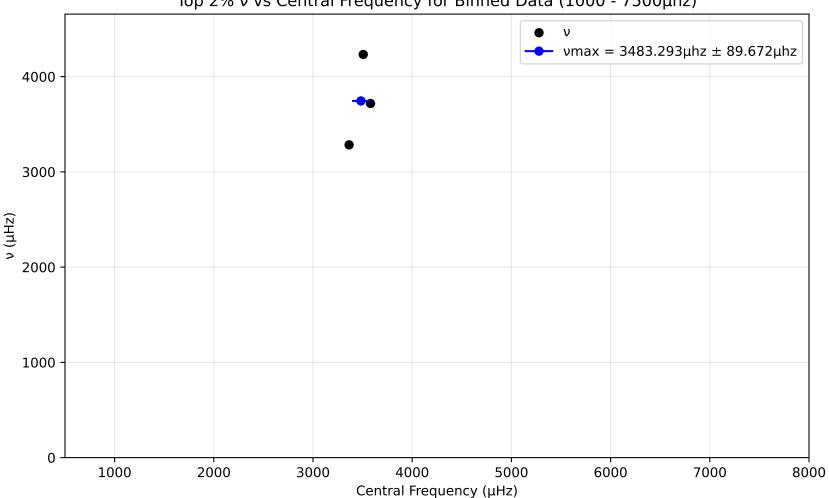
SNR variation for top n% of data for spectrum\_21\_cams24\_vmag7.65.pow. Drowned by noise at 18.0%.



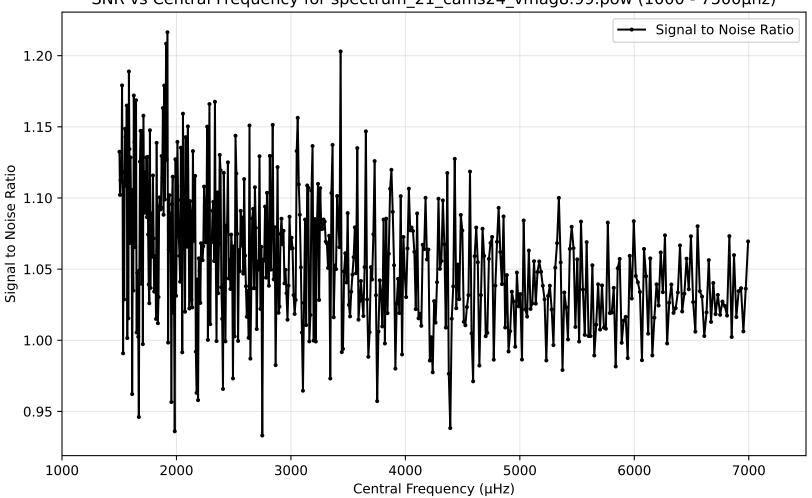
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Central Frequency (µHz)

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



SNR vs Central Frequency for spectrum\_21\_cams24\_vmag8.99.pow (1000 - 7500µhz)

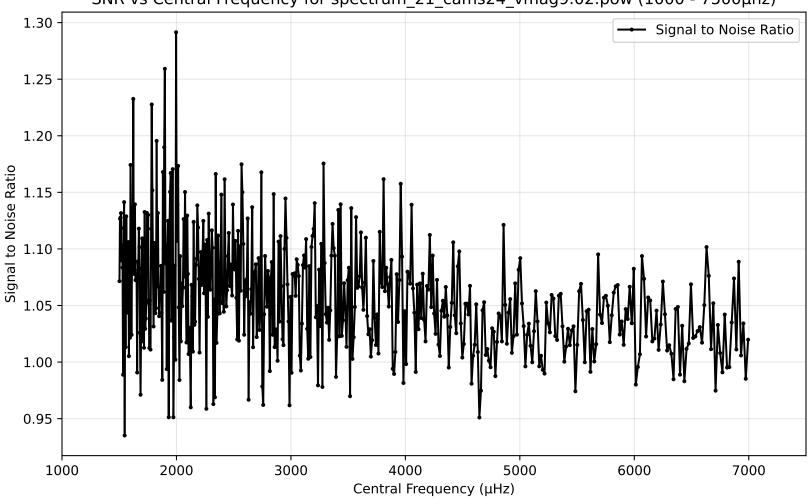


SNR variation for top n% of data for spectrum\_21\_cams24\_vmag8.99.pow. Drowned by noise at 6.0%. SNR with increasing percentage 1.20 1.18 1.16 -1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

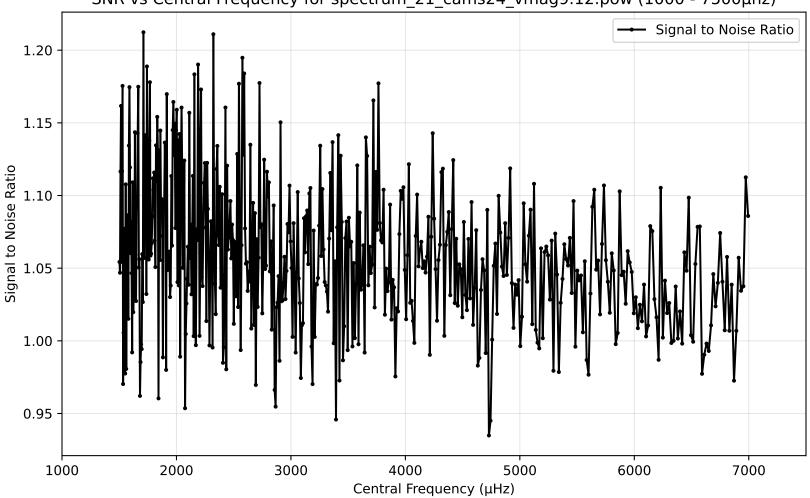
SNR

SNR vs Central Frequency for spectrum\_21\_cams24\_vmag9.02.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_21\_cams24\_vmag9.02.pow. Drowned by noise at 8.0%. 1.250 -SNR with increasing percentage 1.225 1.200 1.175 -NS 1.150 -1.125 1.100 1.075 1.050 20 40 60 80 100 Percent of data used

SNR vs Central Frequency for spectrum\_21\_cams24\_vmag9.12.pow (1000 - 7500µhz)

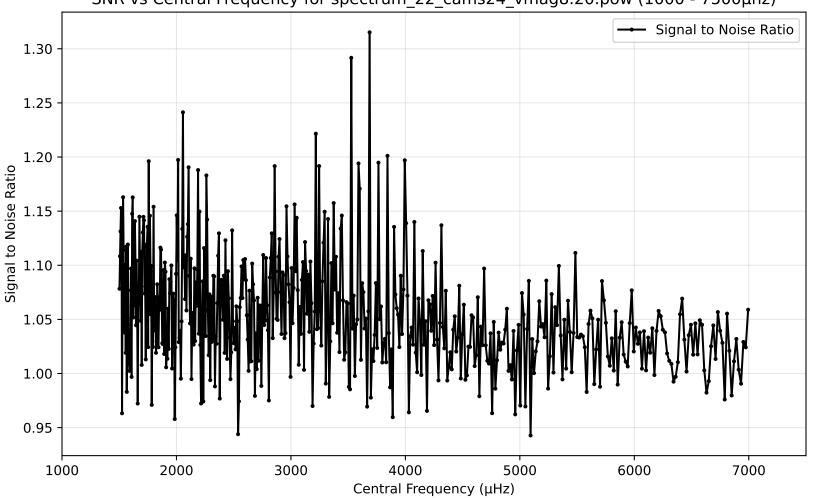


SNR variation for top n% of data for spectrum\_21\_cams24\_vmag9.12.pow. Drowned by noise at 8.0%. SNR with increasing percentage 1.20 -1.18 1.16 -1.14 1.12 1.10 1.08 1.06 20 40 60 80 100 0

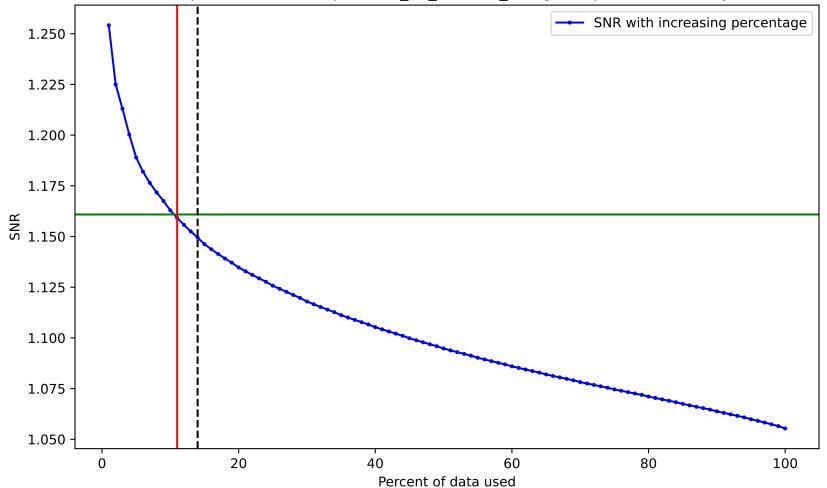
Percent of data used

SNR

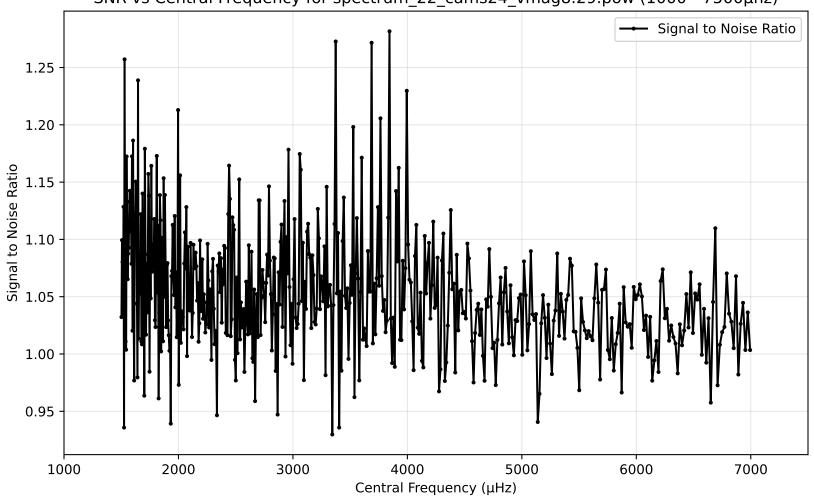
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag8.20.pow (1000 - 7500µhz)



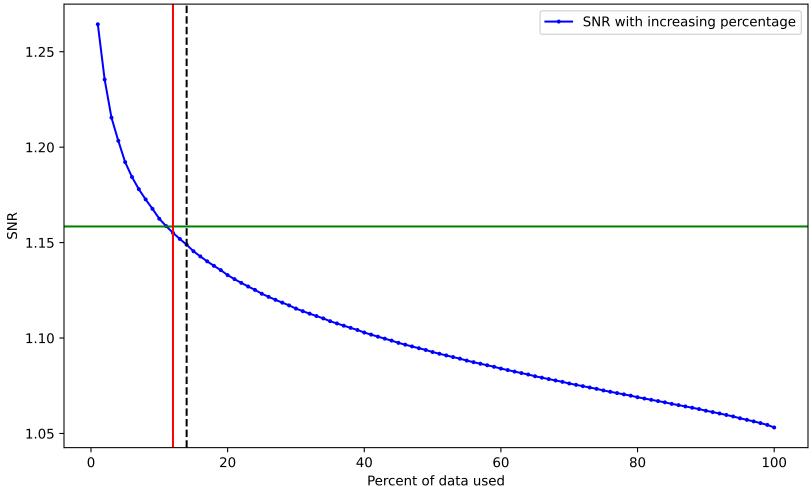
SNR variation for top n% of data for spectrum\_22\_cams24\_vmag8.20.pow. Drowned by noise at 11.0%.



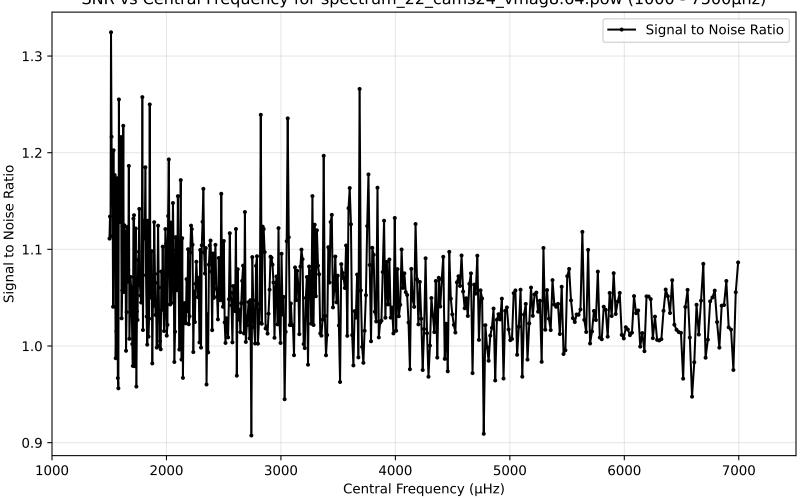
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag8.29.pow (1000 - 7500µhz)



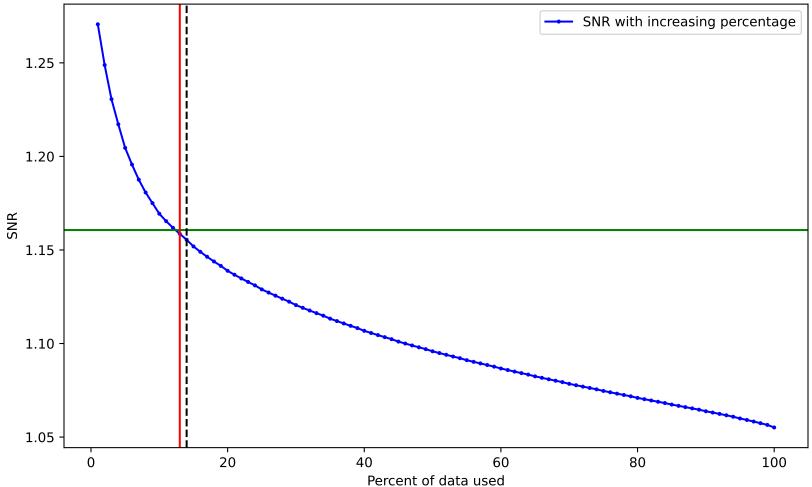
SNR variation for top n% of data for spectrum\_22\_cams24\_vmag8.29.pow. Drowned by noise at 12.0%.



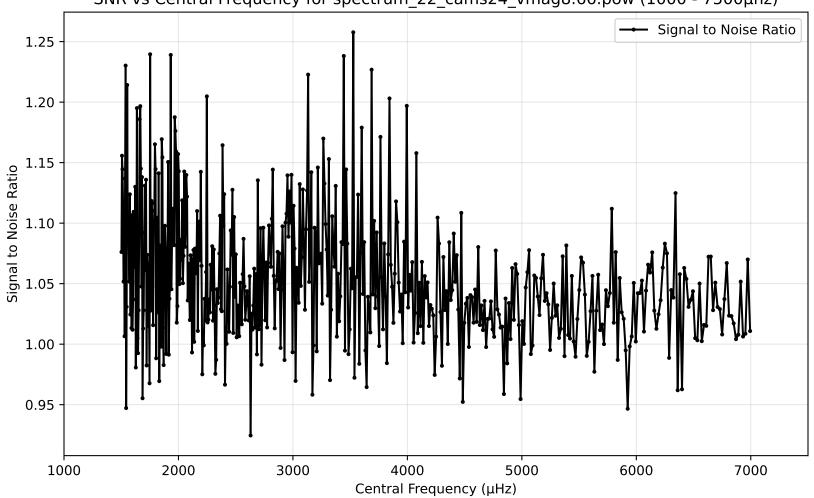
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag8.64.pow (1000 - 7500µhz)

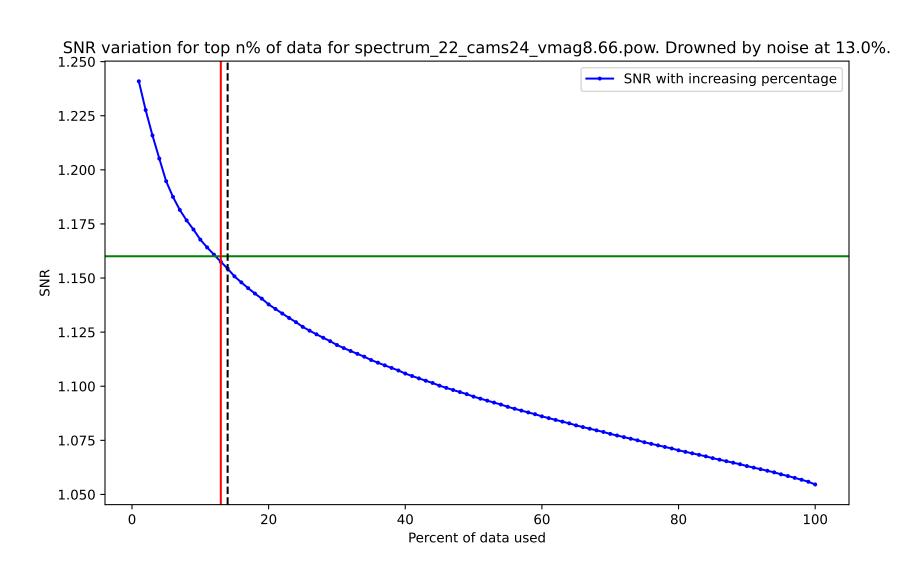


SNR variation for top n% of data for spectrum\_22\_cams24\_vmag8.64.pow. Drowned by noise at 13.0%.

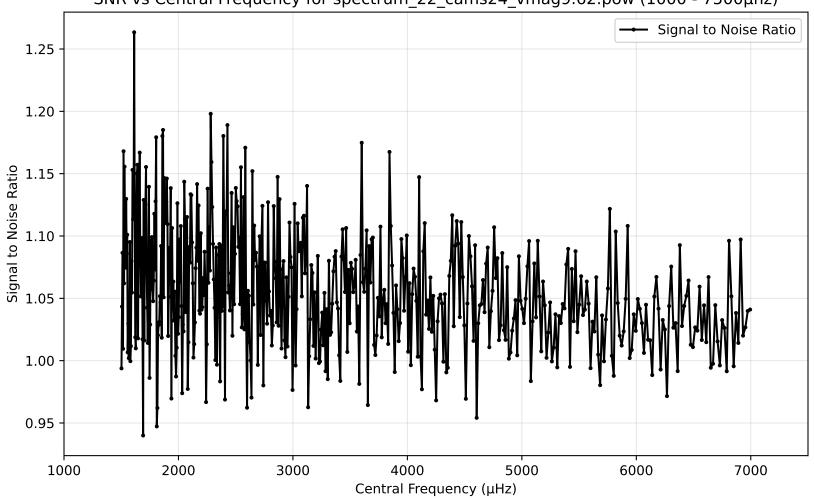


SNR vs Central Frequency for spectrum\_22\_cams24\_vmag8.66.pow (1000 - 7500µhz)

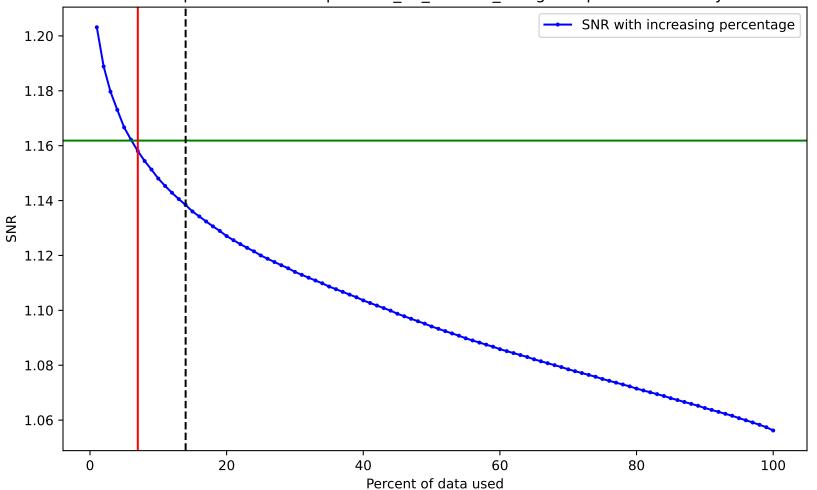




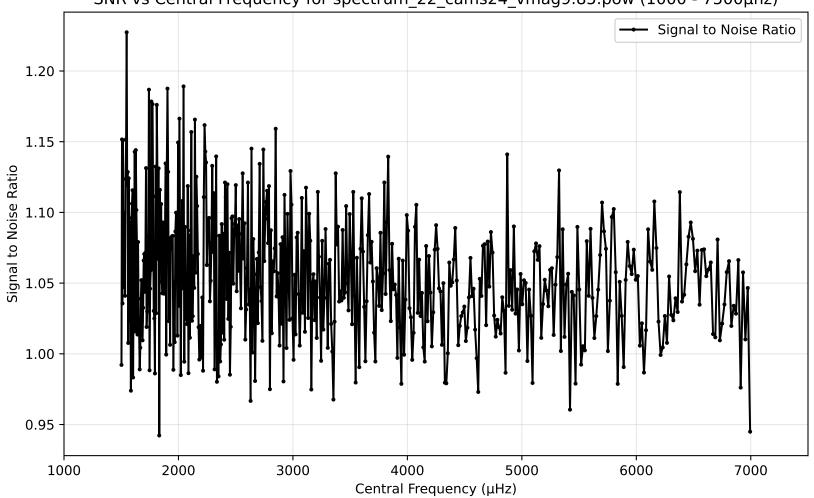
SNR vs Central Frequency for spectrum\_22\_cams24\_vmag9.62.pow (1000 - 7500µhz)

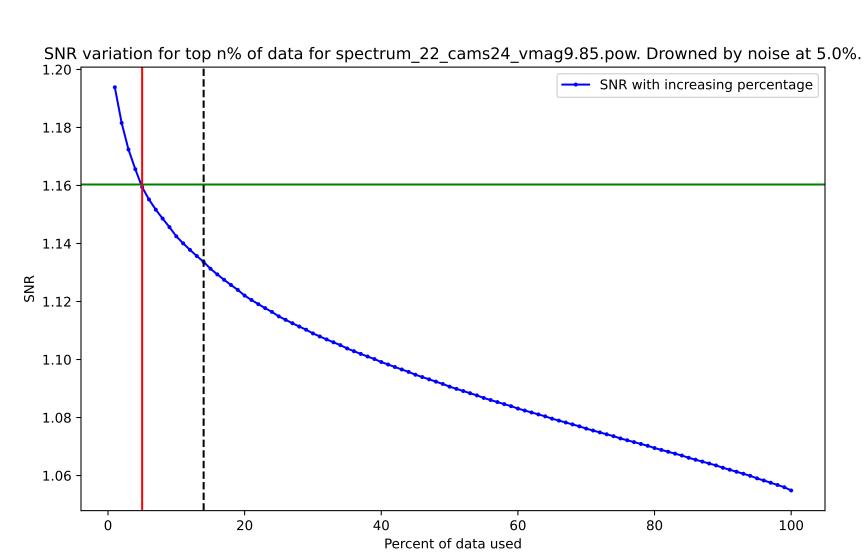


SNR variation for top n% of data for spectrum\_22\_cams24\_vmag9.62.pow. Drowned by noise at 7.0%.



SNR vs Central Frequency for spectrum\_22\_cams24\_vmag9.85.pow (1000 - 7500µhz)



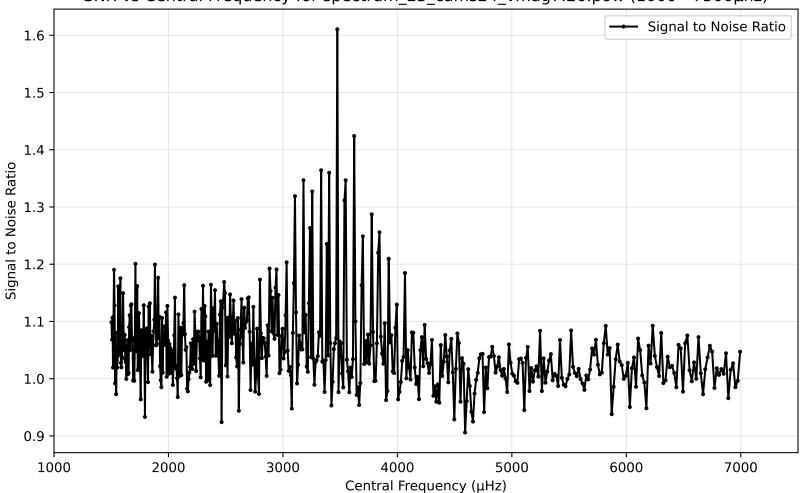


SNR vs Central Frequency for spectrum\_23\_cams24\_vmag10.30.pow (1000 - 7500µhz) 1.20 -Signal to Noise Ratio 1.15 Signal to Noise Ratio 1.10 1.05 1.00 0.95 1000 2000 3000 4000 5000 6000 7000 Central Frequency (µHz)

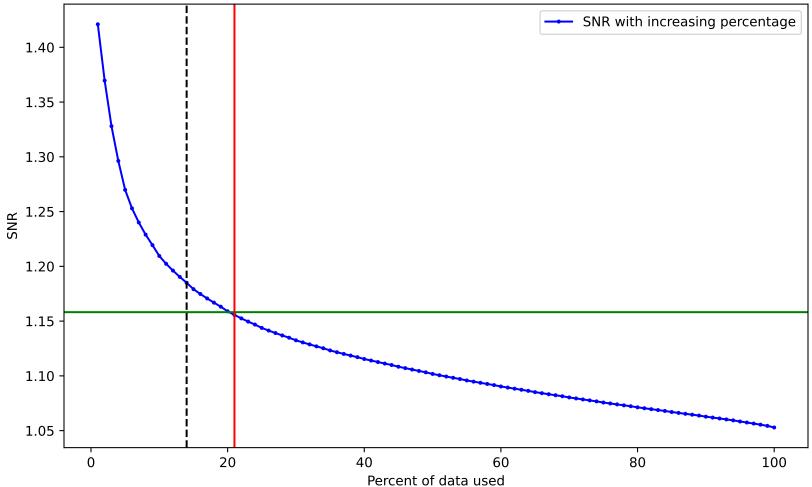
SNR variation for top n% of data for spectrum\_23\_cams24\_vmag10.30.pow. Drowned by noise at 4.0%. 1.18 -SNR with increasing percentage 1.16 1.14 AN 1.12 1.10 1.08 1.06 20 40 60 80 100

Percent of data used

SNR vs Central Frequency for spectrum\_23\_cams24\_vmag7.26.pow (1000 - 7500µhz)



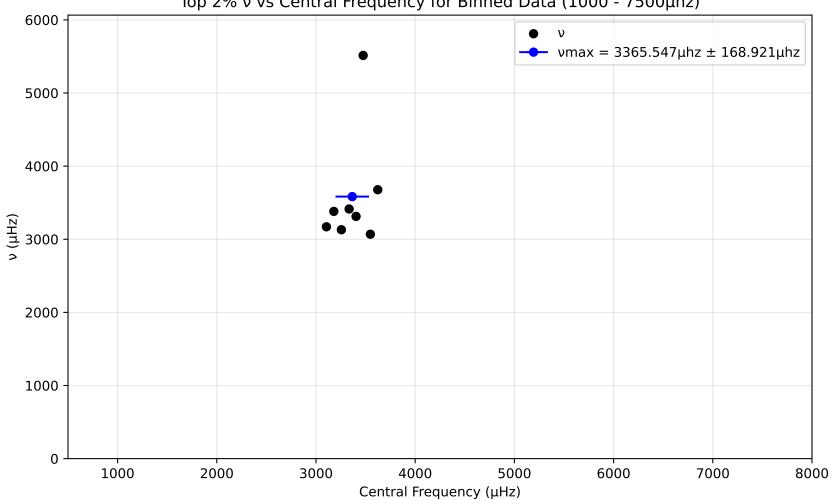
SNR variation for top n% of data for spectrum\_23\_cams24\_vmag7.26.pow. Drowned by noise at 21.0%.



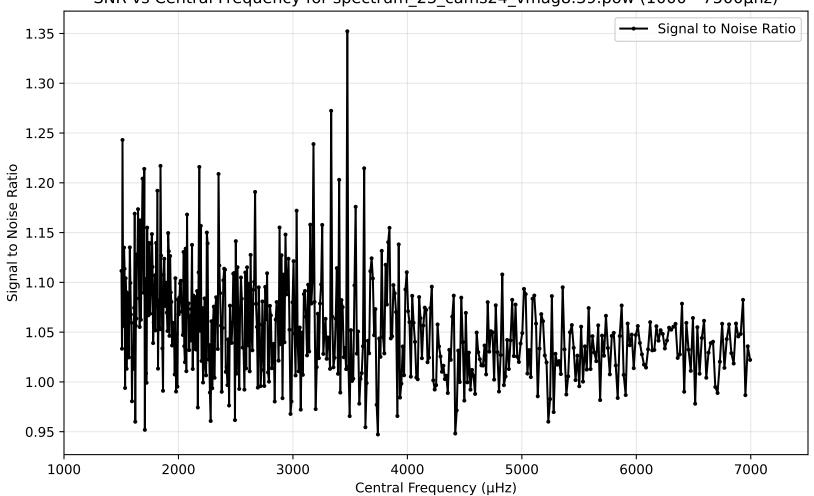
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Central Frequency (µHz)

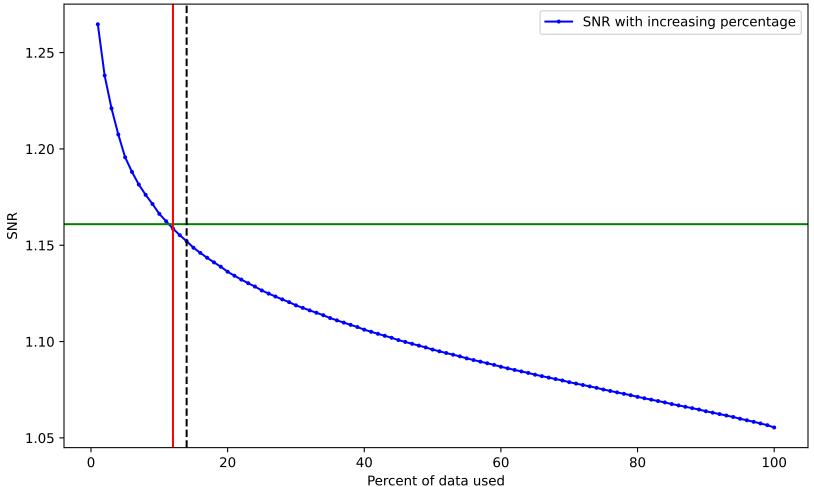
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



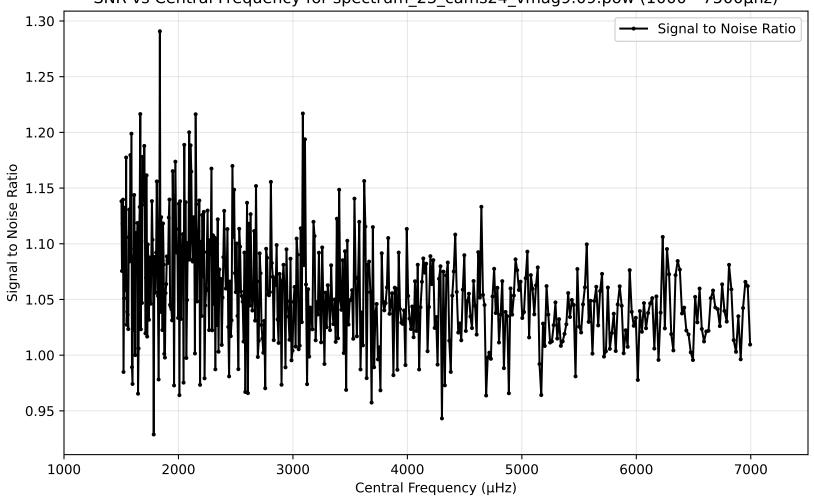
SNR vs Central Frequency for spectrum\_23\_cams24\_vmag8.39.pow (1000 - 7500µhz)



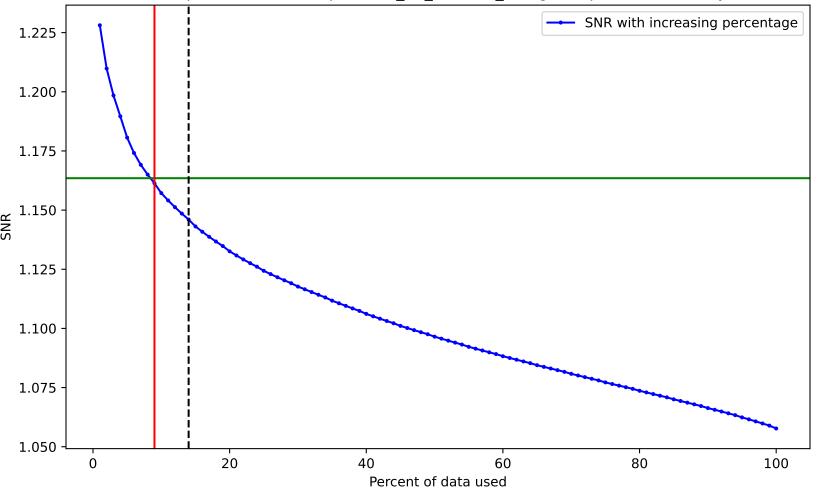
SNR variation for top n% of data for spectrum\_23\_cams24\_vmag8.39.pow. Drowned by noise at 12.0%.



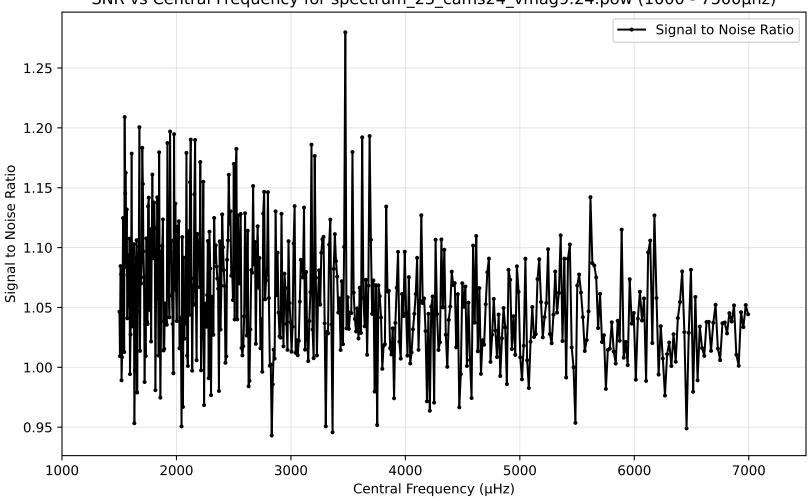
SNR vs Central Frequency for spectrum\_23\_cams24\_vmag9.09.pow (1000 - 7500µhz)



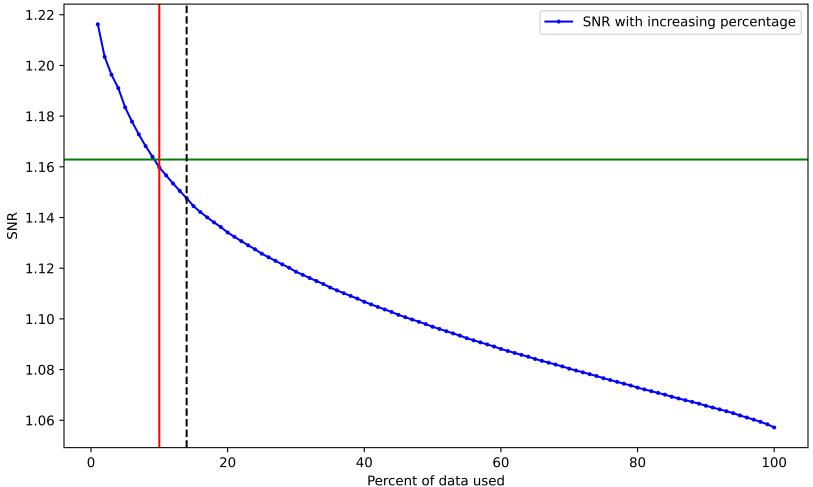
SNR variation for top n% of data for spectrum\_23\_cams24\_vmag9.09.pow. Drowned by noise at 9.0%.



SNR vs Central Frequency for spectrum\_23\_cams24\_vmag9.24.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_23\_cams24\_vmag9.24.pow. Drowned by noise at 10.0%.

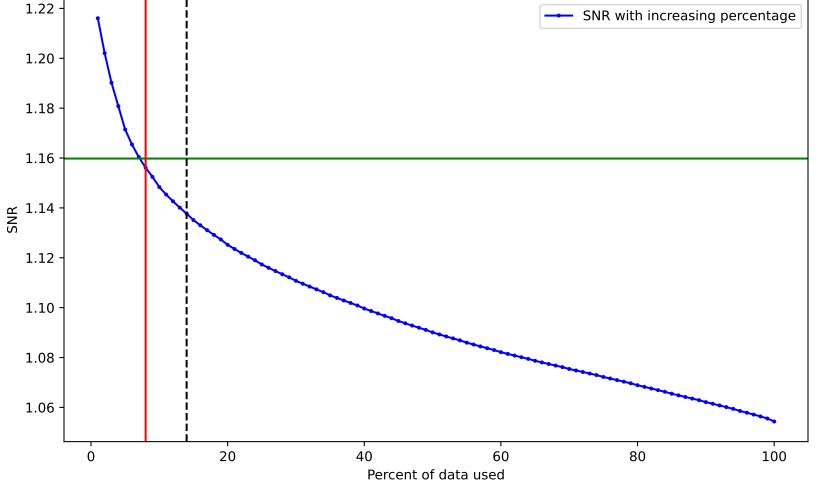


SNR vs Central Frequency for spectrum\_23\_cams24\_vmag9.99.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.00 0.95 1000 2000 3000 4000 6000 7000 5000

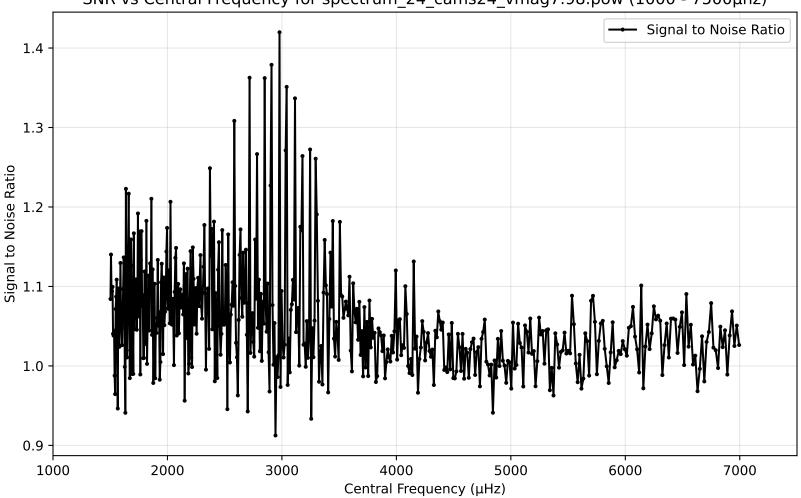
Central Frequency (µHz)

SNR variation for top n% of data for spectrum\_23\_cams24\_vmag9.99.pow. Drowned by noise at 8.0%.

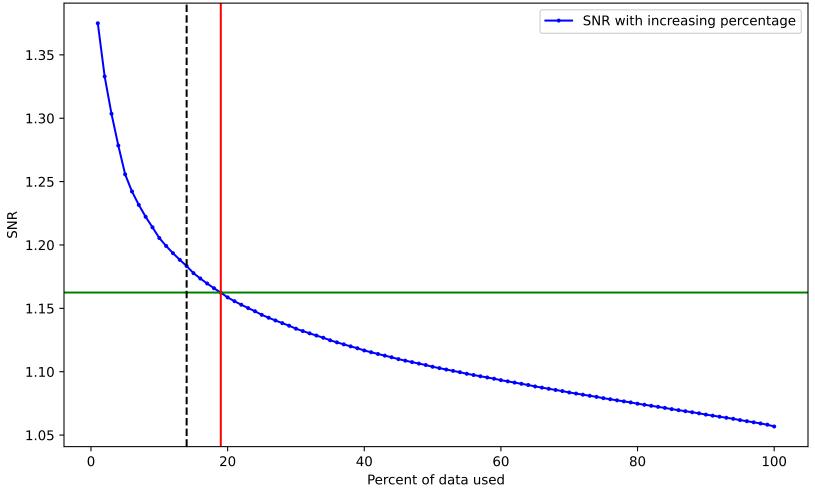
1.22 - SNR with increasing percentage

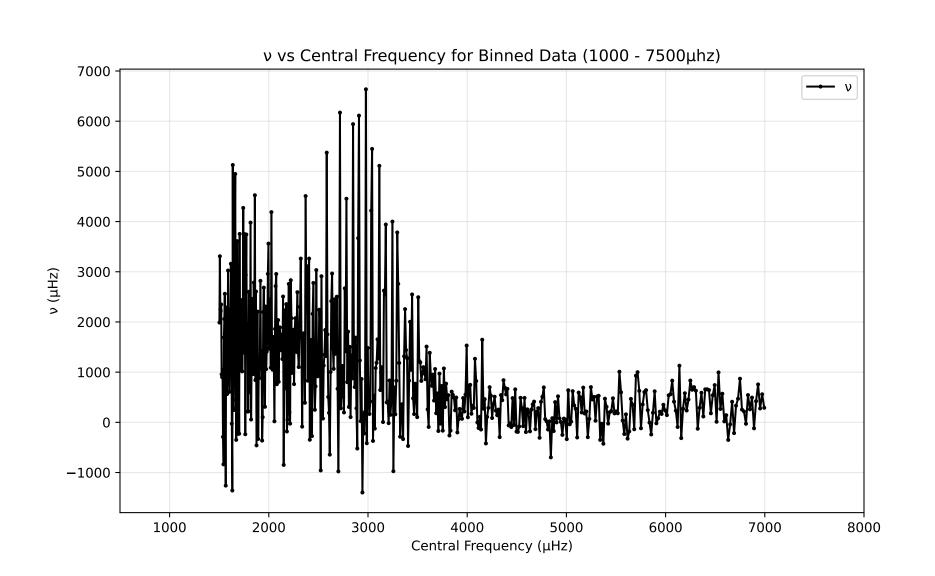


SNR vs Central Frequency for spectrum\_24\_cams24\_vmag7.98.pow (1000 - 7500µhz)

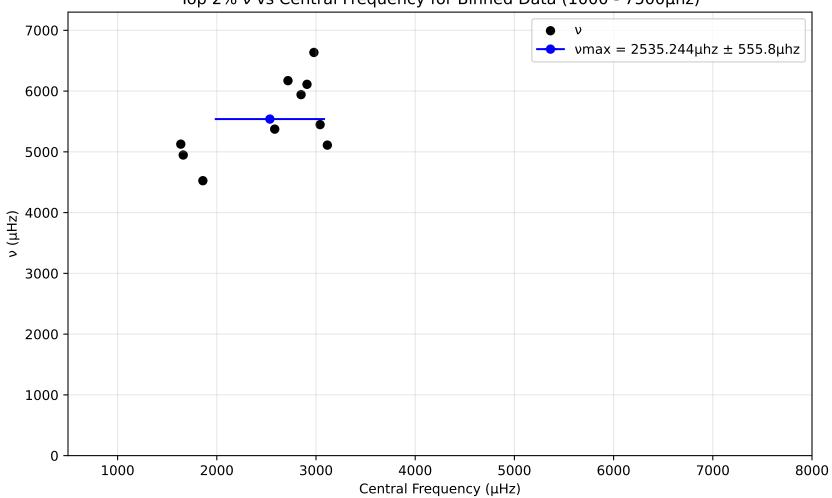


SNR variation for top n% of data for spectrum\_24\_cams24\_vmag7.98.pow. Drowned by noise at 19.0%.

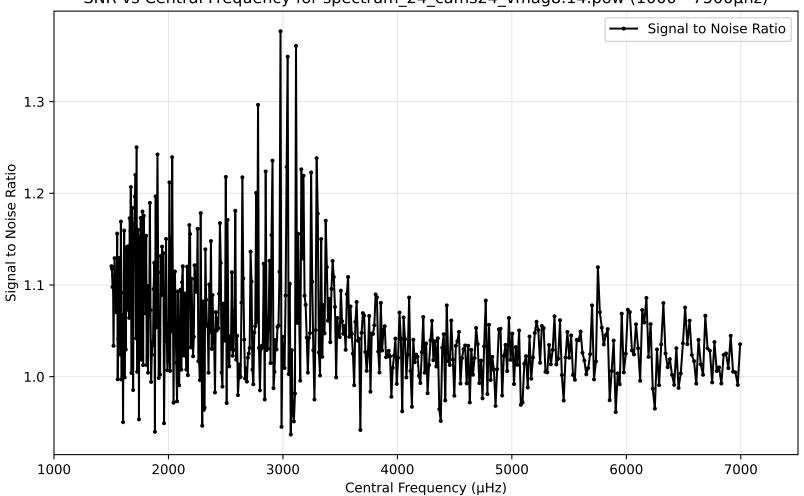




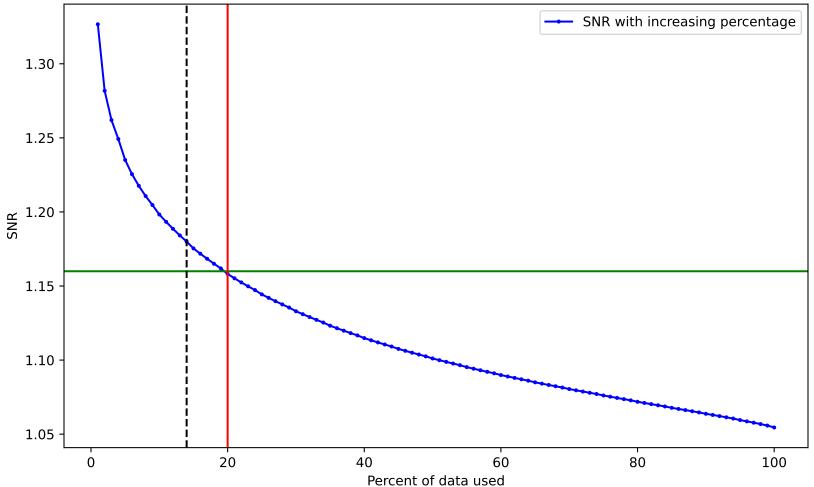
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_24\_cams24\_vmag8.14.pow (1000 - 7500µhz)



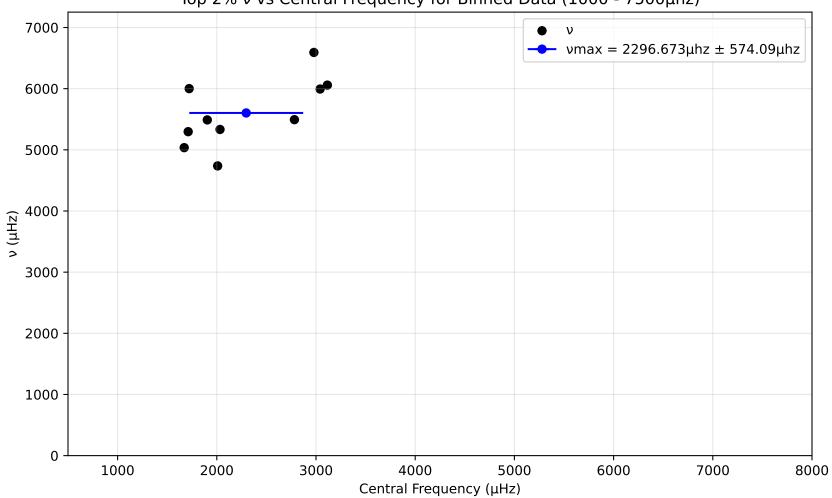
SNR variation for top n% of data for spectrum\_24\_cams24\_vmag8.14.pow. Drowned by noise at 20.0%.



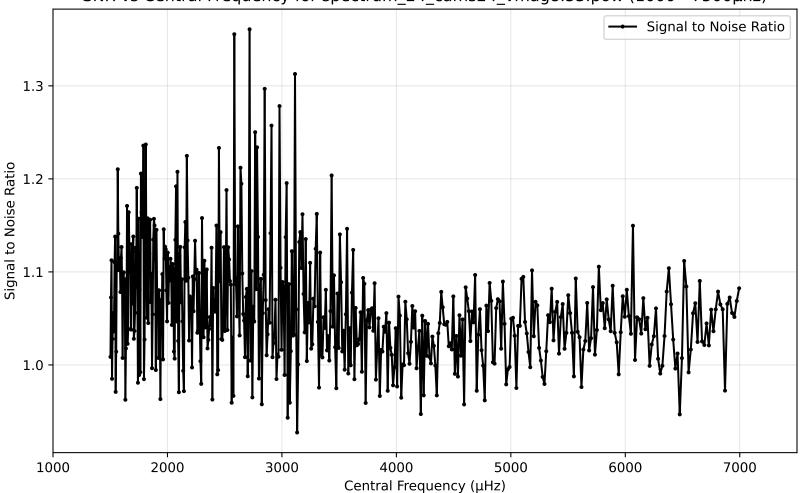
ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 

Central Frequency (µHz)

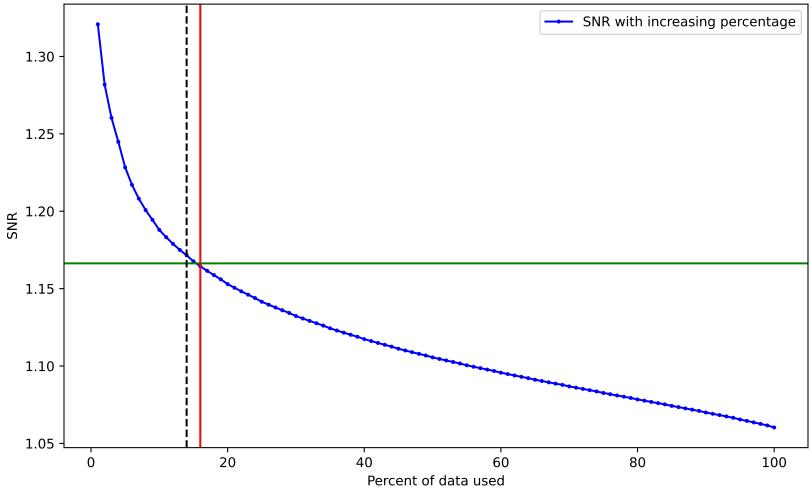
Top 2%  $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz)



SNR vs Central Frequency for spectrum\_24\_cams24\_vmag8.53.pow (1000 - 7500µhz)

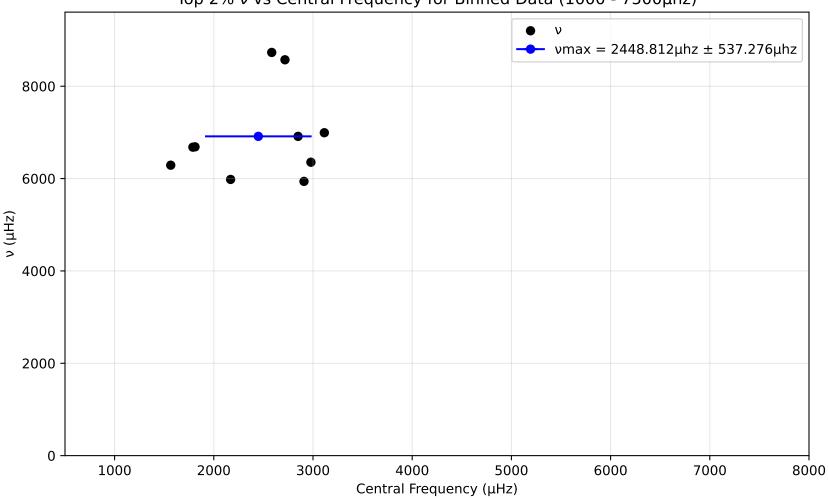


SNR variation for top n% of data for spectrum\_24\_cams24\_vmag8.53.pow. Drowned by noise at 16.0%.

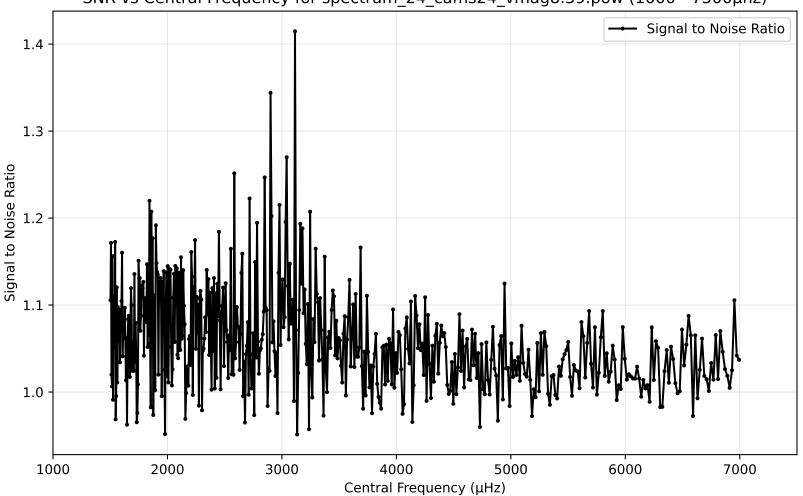


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -2000 Central Frequency (µHz)

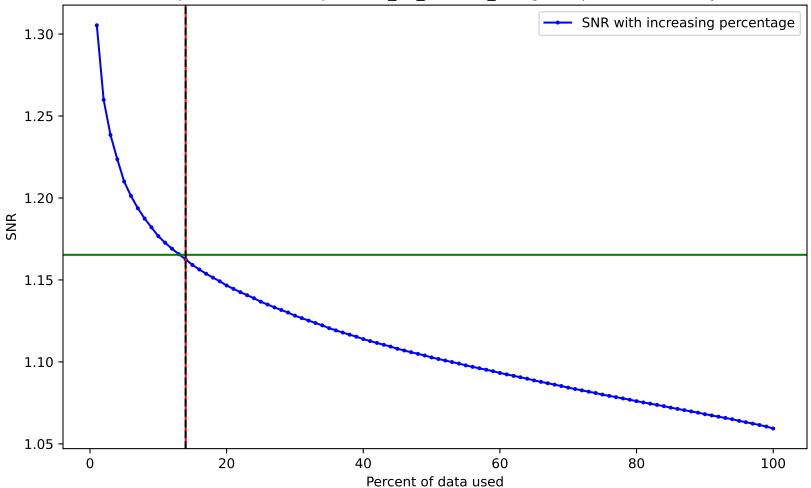
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



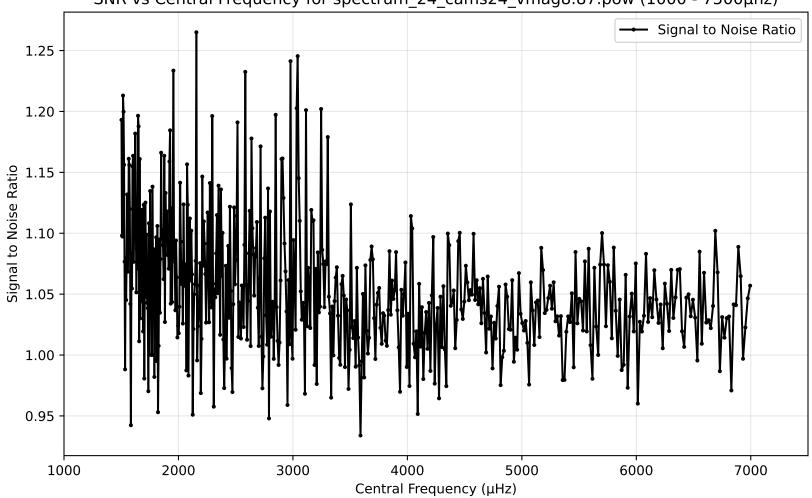
SNR vs Central Frequency for spectrum\_24\_cams24\_vmag8.59.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_24\_cams24\_vmag8.59.pow. Drowned by noise at 14.0%.

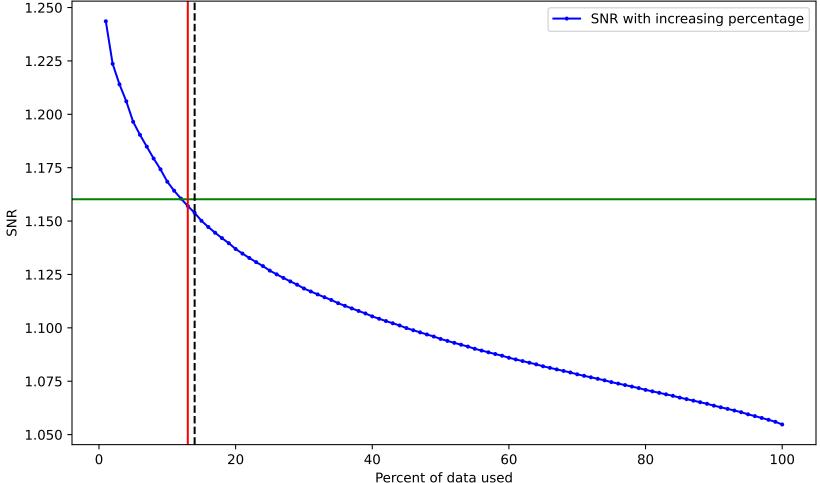


SNR vs Central Frequency for spectrum\_24\_cams24\_vmag8.87.pow (1000 - 7500µhz)

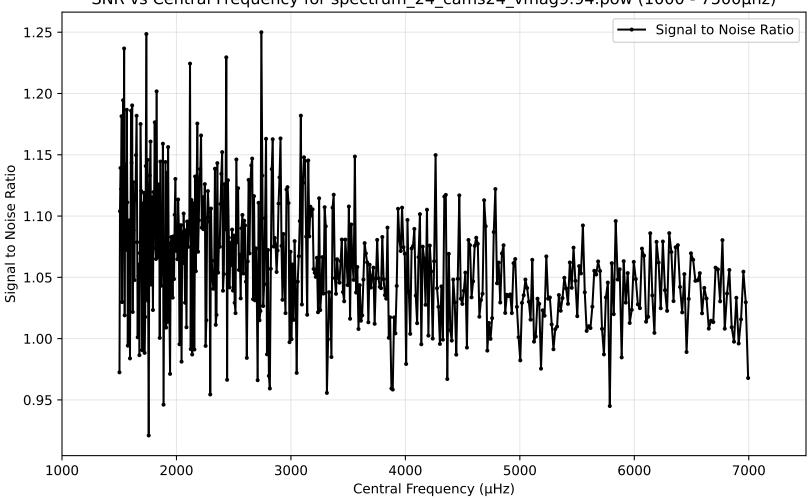


SNR variation for top n% of data for spectrum\_24\_cams24\_vmag8.87.pow. Drowned by noise at 13.0%.

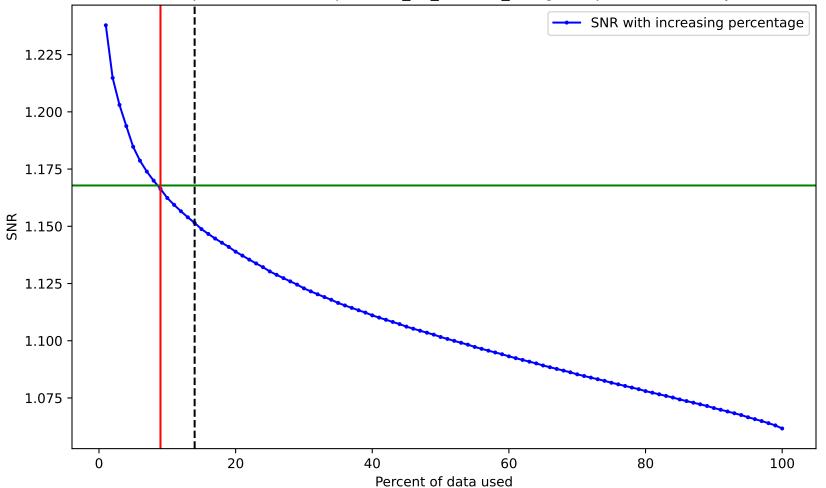
SNR with increasing percentage



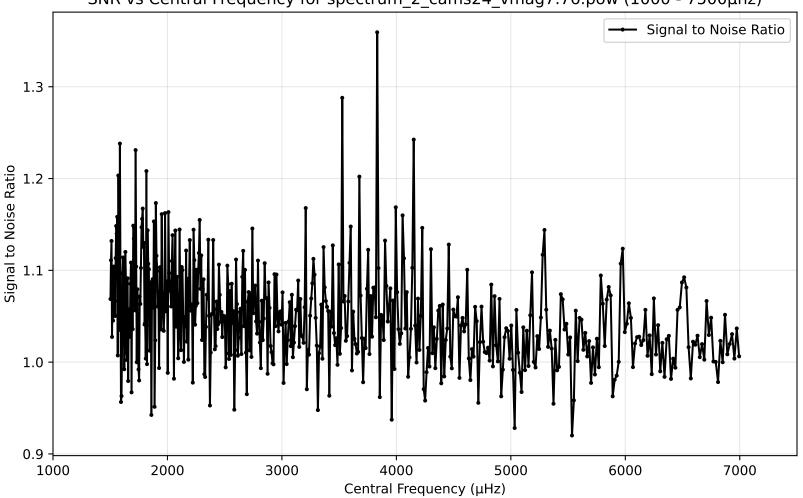
SNR vs Central Frequency for spectrum\_24\_cams24\_vmag9.94.pow (1000 - 7500µhz)



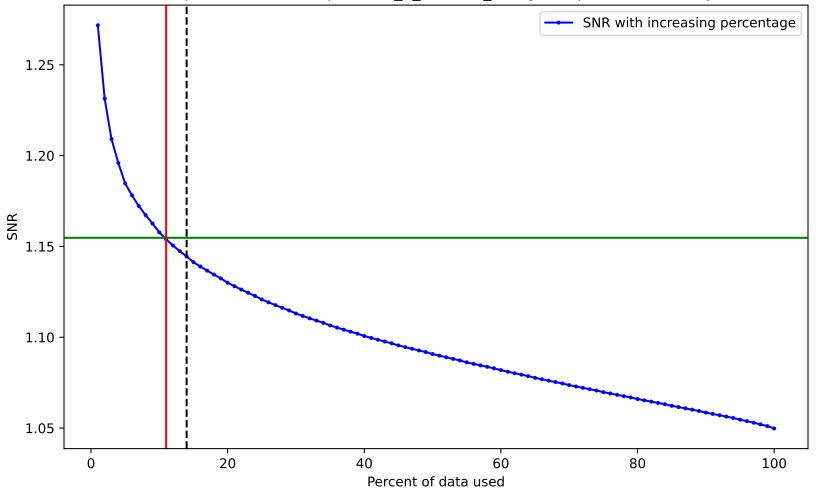
SNR variation for top n% of data for spectrum\_24\_cams24\_vmag9.94.pow. Drowned by noise at 9.0%.



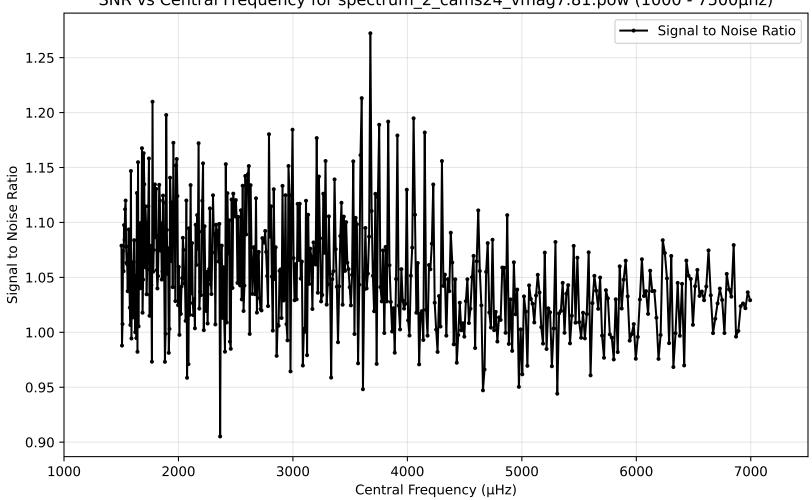
SNR vs Central Frequency for spectrum\_2\_cams24\_vmag7.76.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_2\_cams24\_vmag7.76.pow. Drowned by noise at 11.0%.



SNR vs Central Frequency for spectrum\_2\_cams24\_vmag7.81.pow (1000 - 7500µhz)

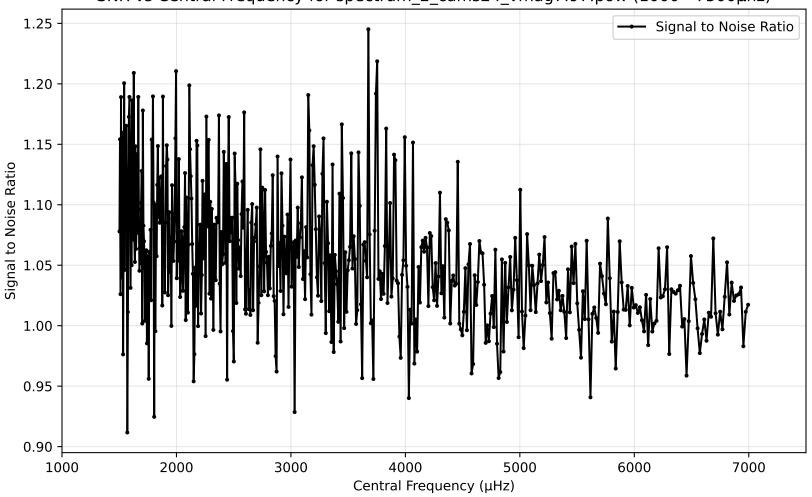


SNR variation for top n% of data for spectrum\_2\_cams24\_vmag7.81.pow. Drowned by noise at 10.0%. 1.225 -SNR with increasing percentage 1.200 1.175 1.150 -1.125 1.100 1.075 1.050 -20 40 60 80 100

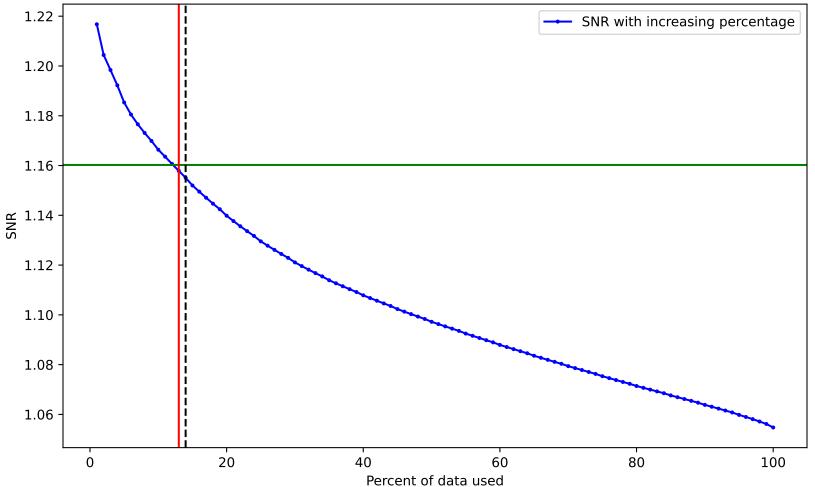
Percent of data used

SNR

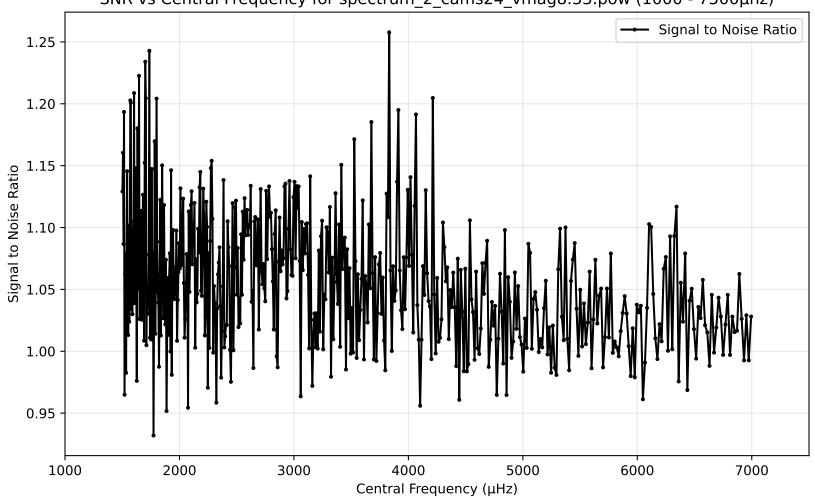
SNR vs Central Frequency for spectrum\_2\_cams24\_vmag7.97.pow (1000 - 7500µhz)



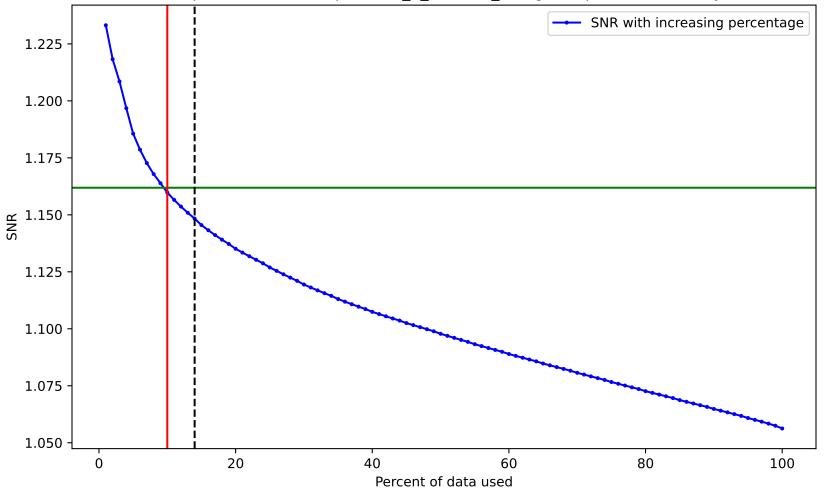
SNR variation for top n% of data for spectrum\_2\_cams24\_vmag7.97.pow. Drowned by noise at 13.0%.



SNR vs Central Frequency for spectrum\_2\_cams24\_vmag8.33.pow (1000 - 7500µhz)

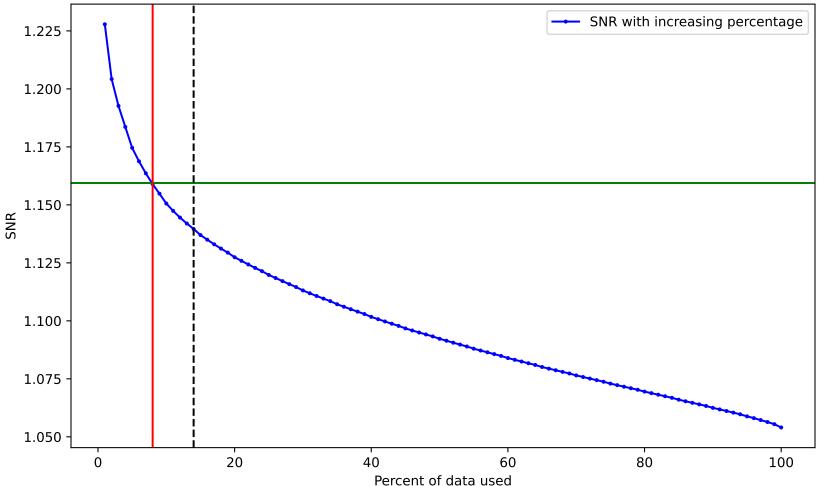


SNR variation for top n% of data for spectrum\_2\_cams24\_vmag8.33.pow. Drowned by noise at 10.0%.

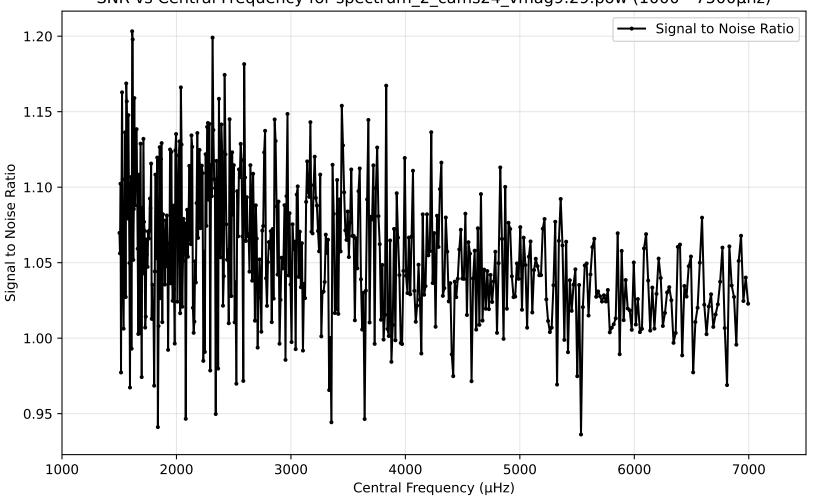


SNR vs Central Frequency for spectrum\_2\_cams24\_vmag8.43.pow (1000 - 7500µhz) 1.25 Signal to Noise Ratio 1.20 1.15 Signal to Noise Ratio 1.10 -1.05 -1.00 0.95 0.90 1000 2000 3000 4000 6000 7000 5000 Central Frequency (µHz)

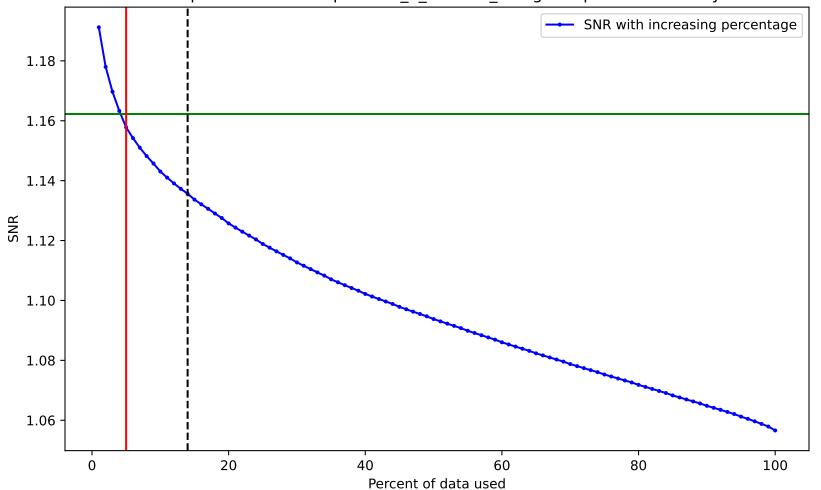
SNR variation for top n% of data for spectrum\_2\_cams24\_vmag8.43.pow. Drowned by noise at 8.0%.



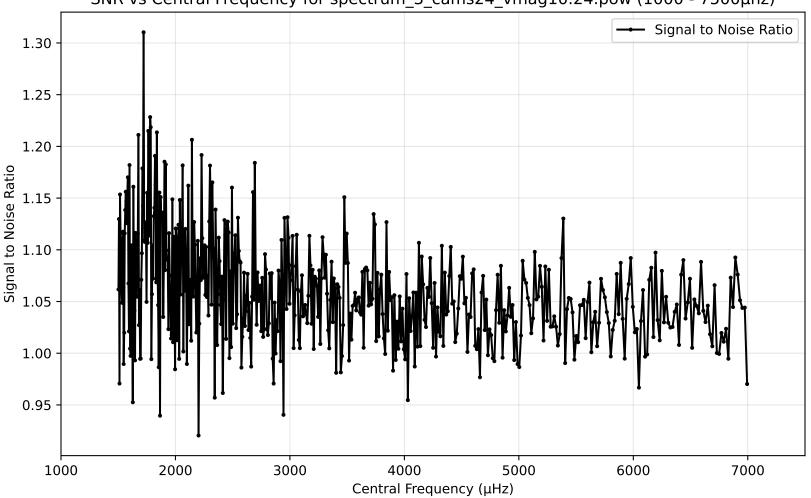
SNR vs Central Frequency for spectrum\_2\_cams24\_vmag9.29.pow (1000 - 7500µhz)



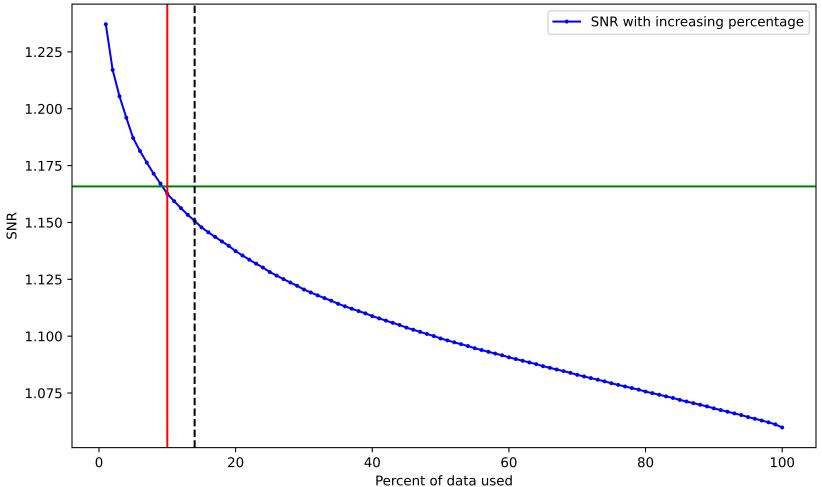
SNR variation for top n% of data for spectrum\_2\_cams24\_vmag9.29.pow. Drowned by noise at 5.0%.

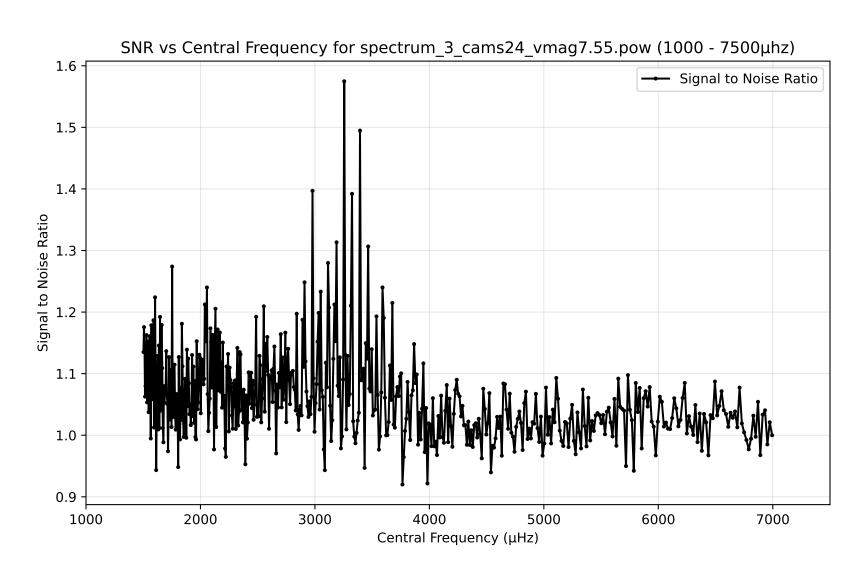


SNR vs Central Frequency for spectrum\_3\_cams24\_vmag10.24.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_3\_cams24\_vmag10.24.pow. Drowned by noise at 10.0%.



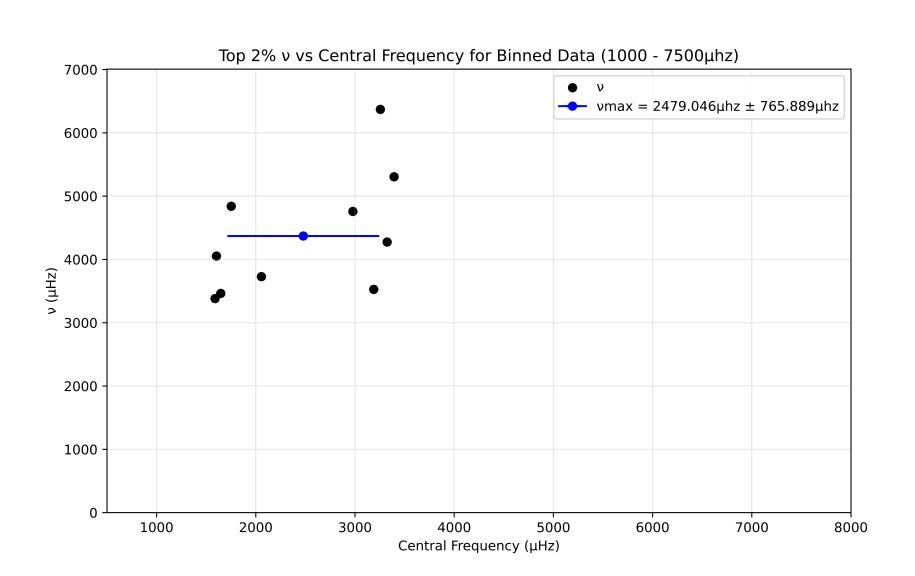


SNR variation for top n% of data for spectrum\_3\_cams24\_vmag7.55.pow. Drowned by noise at 21.0%. 1.45 -SNR with increasing percentage 1.40 1.35 1.30 X 1.25 1.20 1.15 1.10 1.05 -20 40 60 80 100

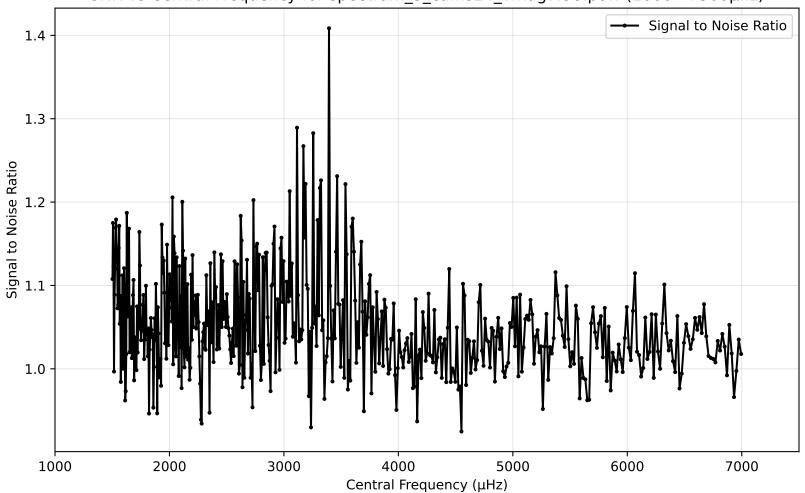
Percent of data used

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

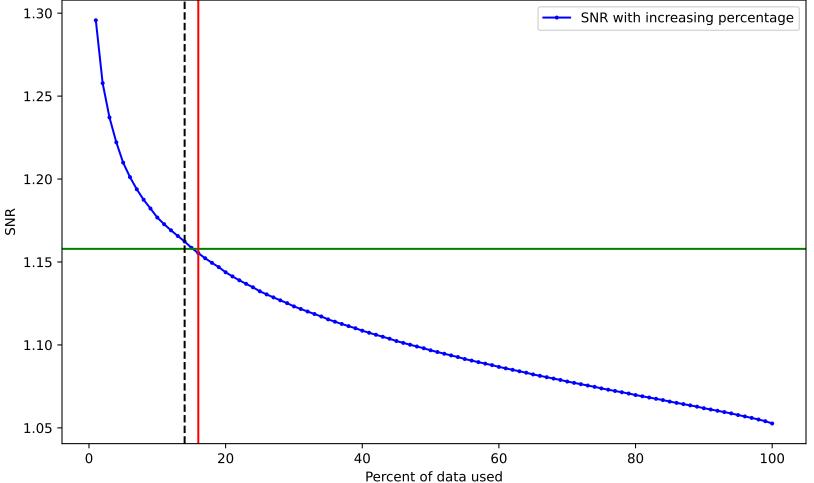
Central Frequency (µHz)



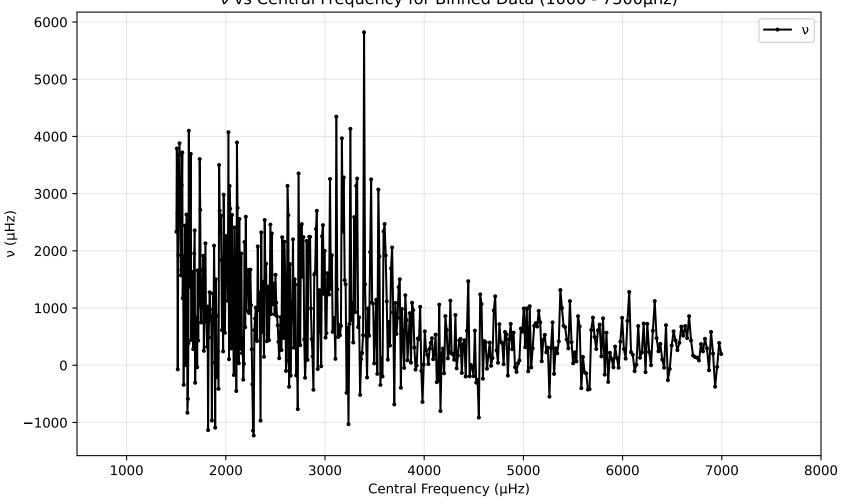
SNR vs Central Frequency for spectrum\_3\_cams24\_vmag7.98.pow (1000 - 7500µhz)



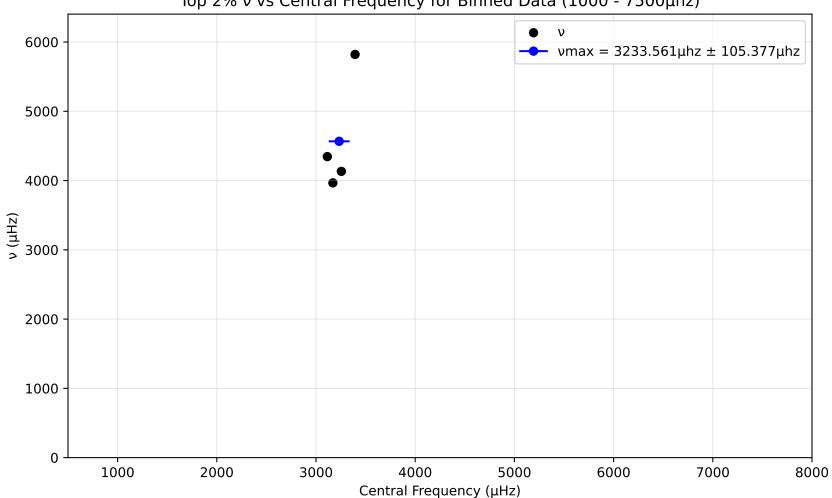
SNR variation for top n% of data for spectrum\_3\_cams24\_vmag7.98.pow. Drowned by noise at 16.0%.



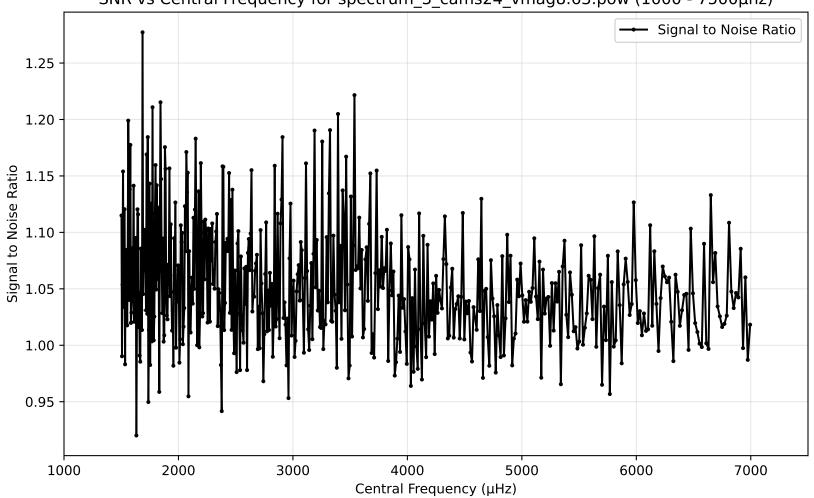
ν vs Central Frequency for Binned Data (1000 - 7500μhz)



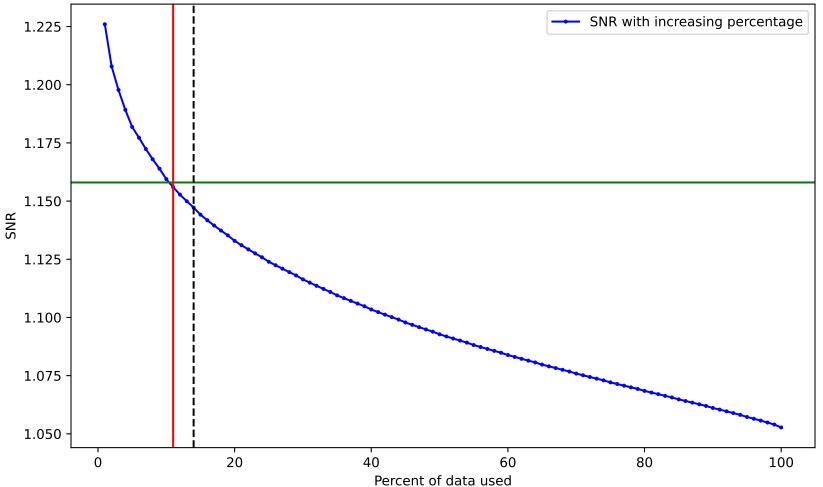
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



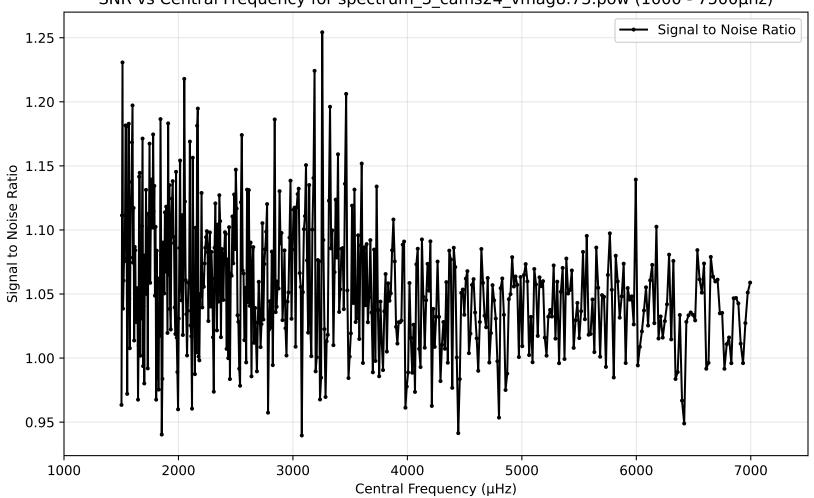
SNR vs Central Frequency for spectrum\_3\_cams24\_vmag8.63.pow (1000 - 7500µhz)



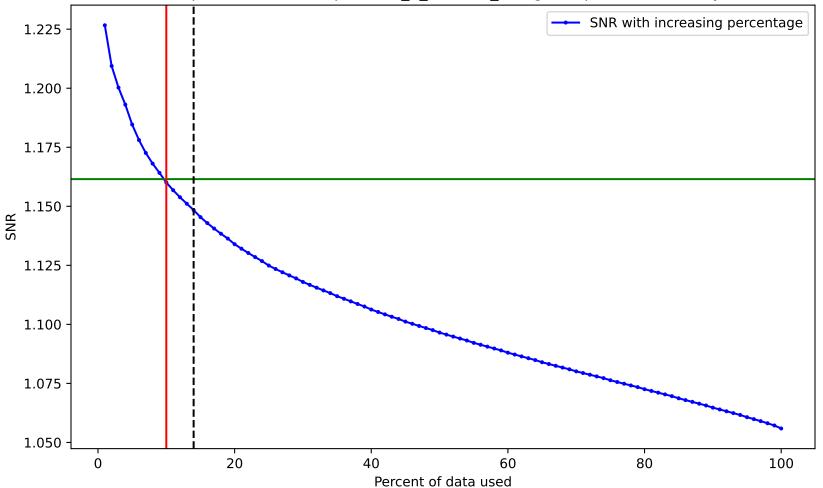
SNR variation for top n% of data for spectrum\_3\_cams24\_vmag8.63.pow. Drowned by noise at 11.0%.



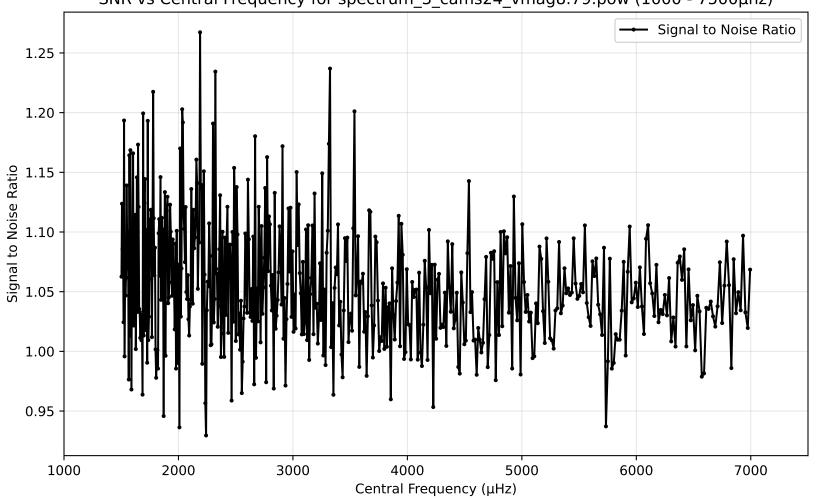
SNR vs Central Frequency for spectrum\_3\_cams24\_vmag8.73.pow (1000 - 7500µhz)



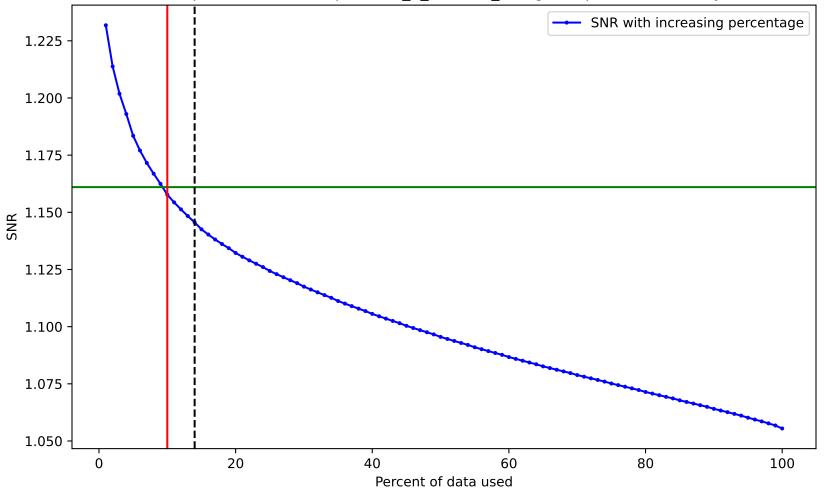
SNR variation for top n% of data for spectrum\_3\_cams24\_vmag8.73.pow. Drowned by noise at 10.0%.



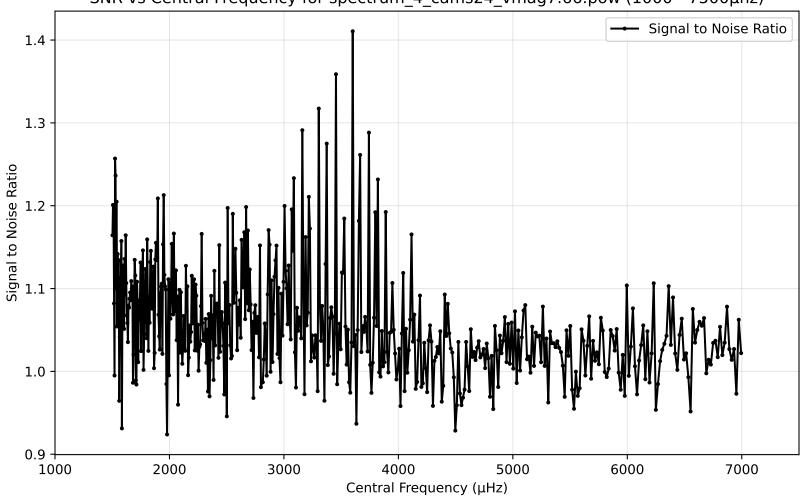
SNR vs Central Frequency for spectrum\_3\_cams24\_vmag8.79.pow (1000 - 7500µhz)



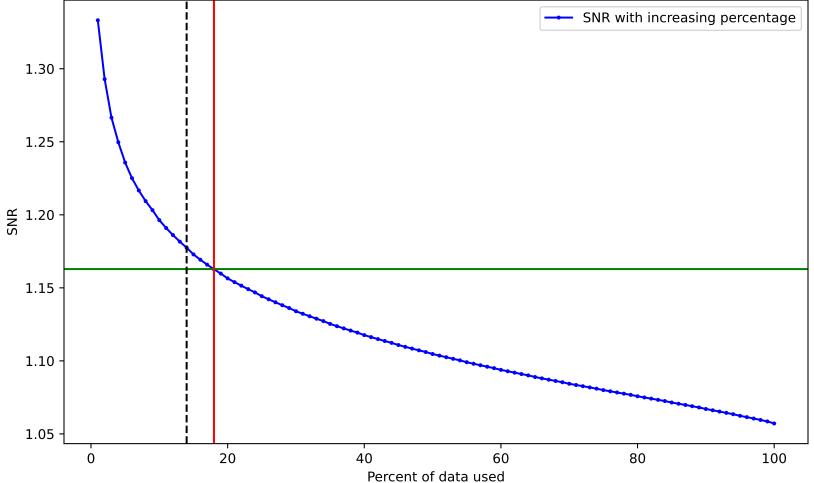
SNR variation for top n% of data for spectrum\_3\_cams24\_vmag8.79.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_4\_cams24\_vmag7.66.pow (1000 - 7500µhz)

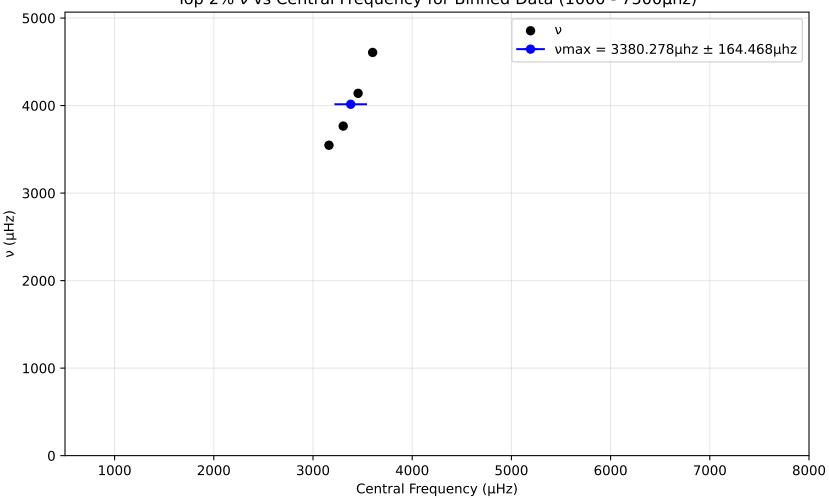


SNR variation for top n% of data for spectrum\_4\_cams24\_vmag7.66.pow. Drowned by noise at 18.0%.

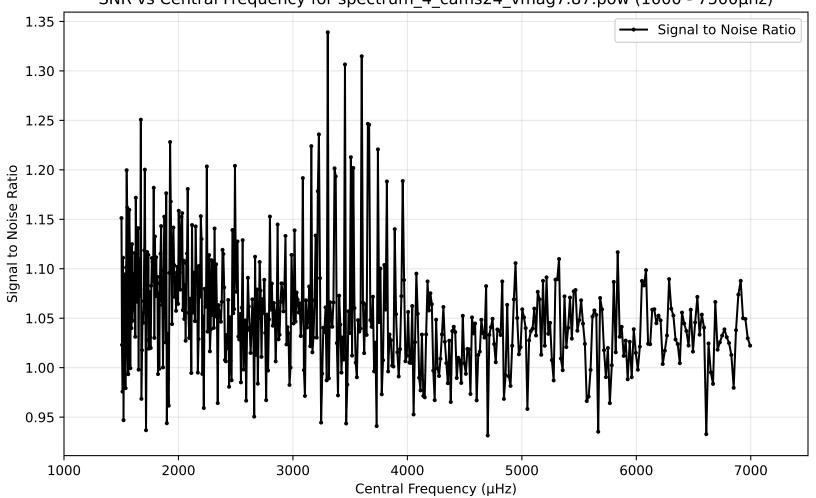


 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz) v (µHz) -1000 Central Frequency (µHz)

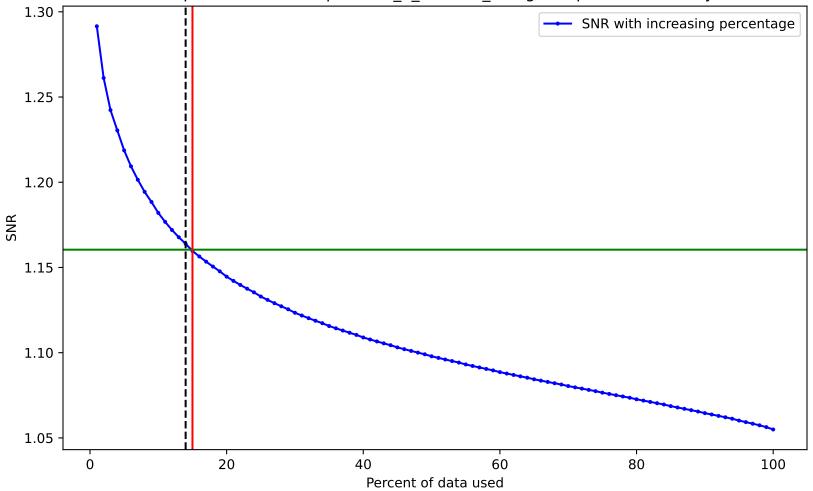
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_4\_cams24\_vmag7.87.pow (1000 - 7500µhz)

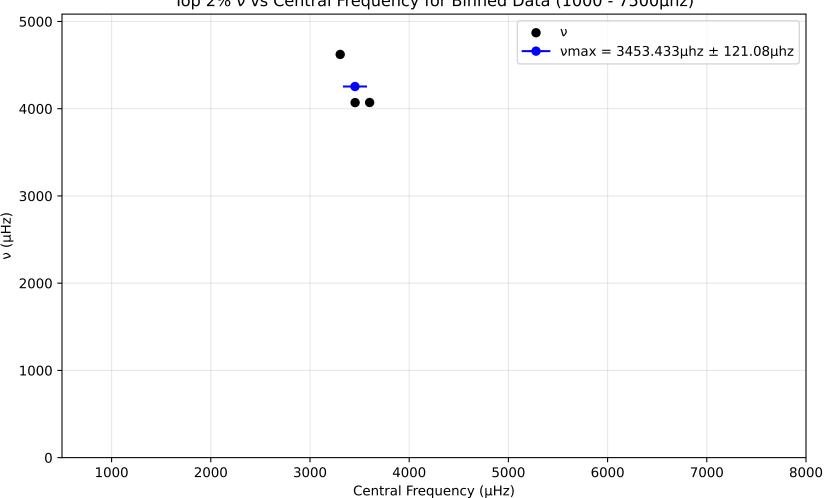


SNR variation for top n% of data for spectrum\_4\_cams24\_vmag7.87.pow. Drowned by noise at 15.0%.

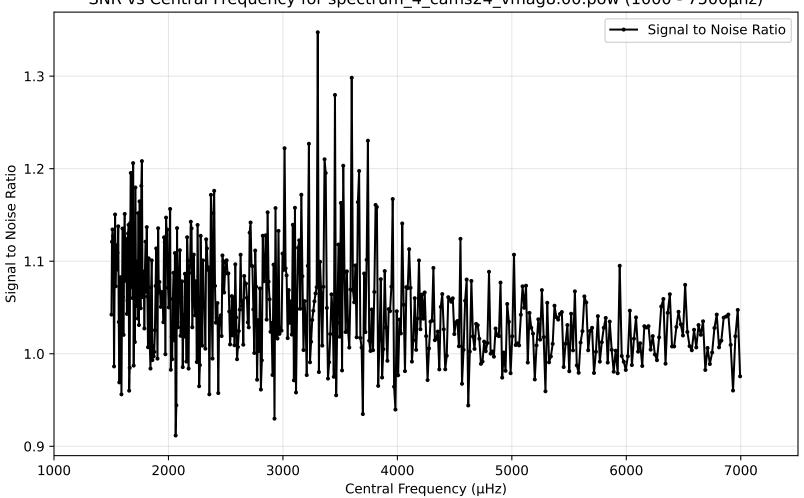


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

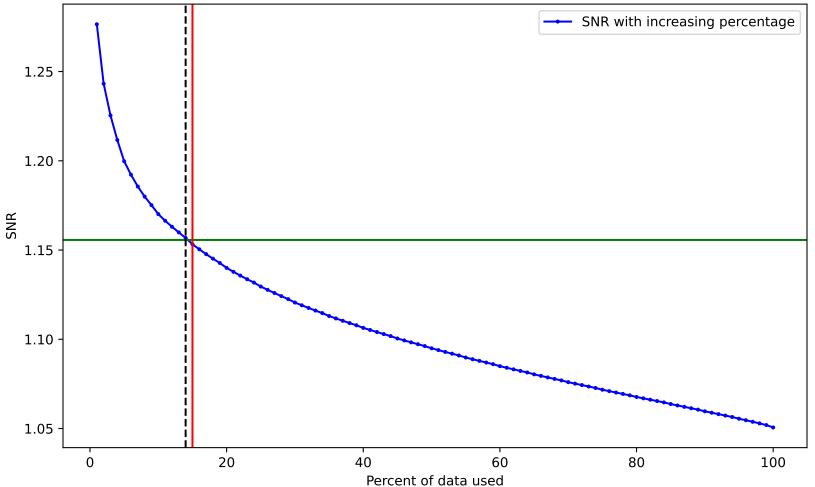
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_4\_cams24\_vmag8.00.pow (1000 - 7500µhz)

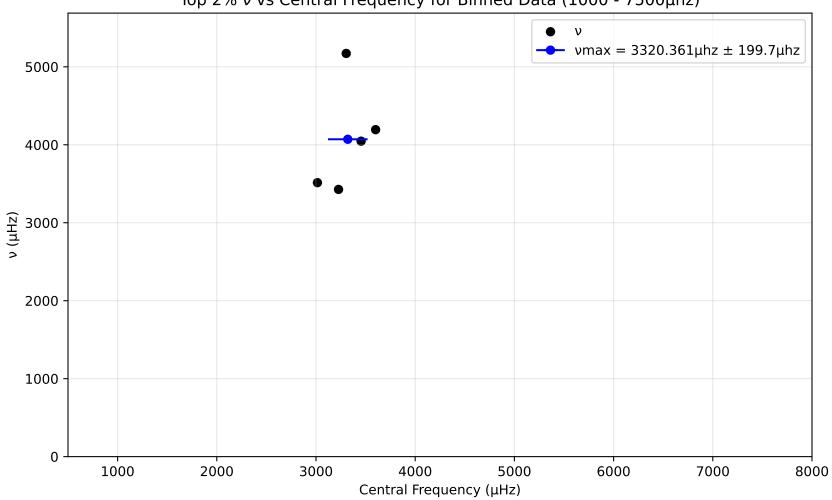


SNR variation for top n% of data for spectrum\_4\_cams24\_vmag8.00.pow. Drowned by noise at 15.0%.

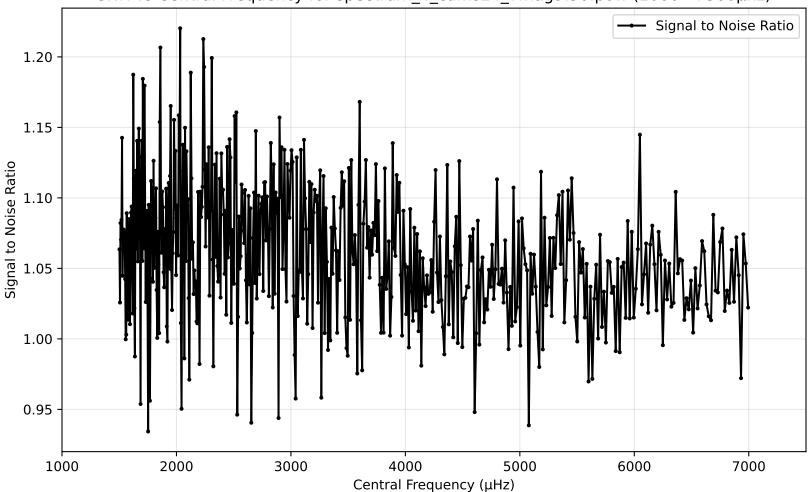


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 -2000 Central Frequency (µHz)

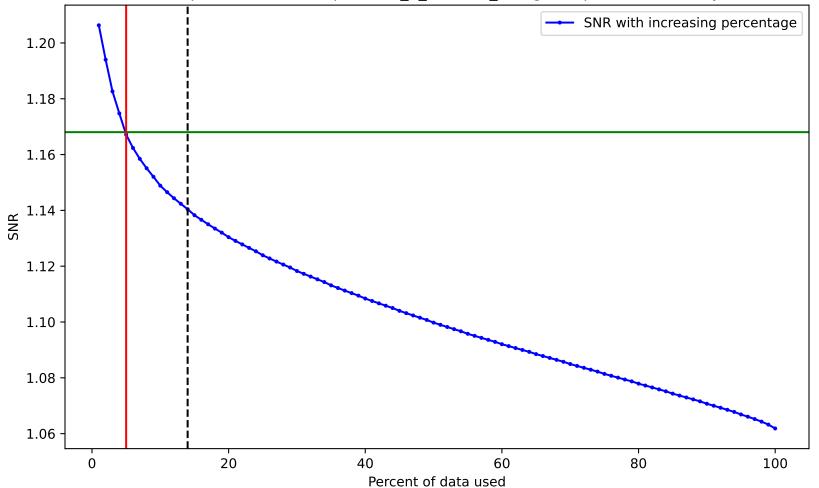
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



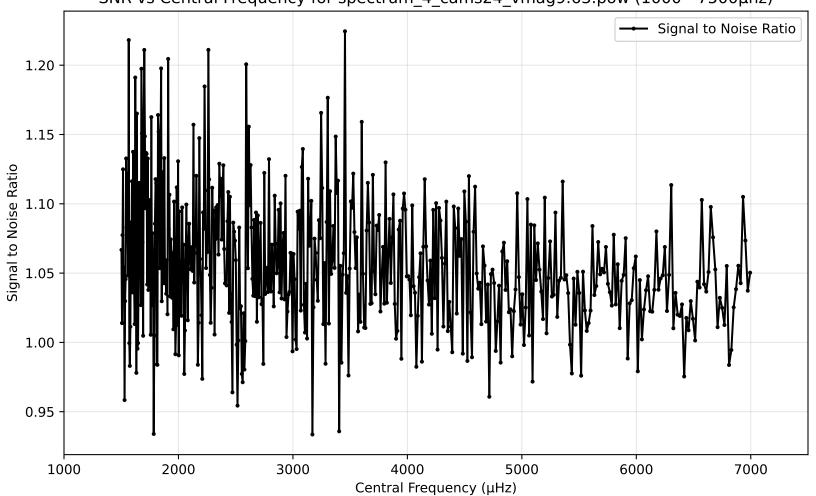
SNR vs Central Frequency for spectrum\_4\_cams24\_vmag9.50.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_4\_cams24\_vmag9.50.pow. Drowned by noise at 5.0%.



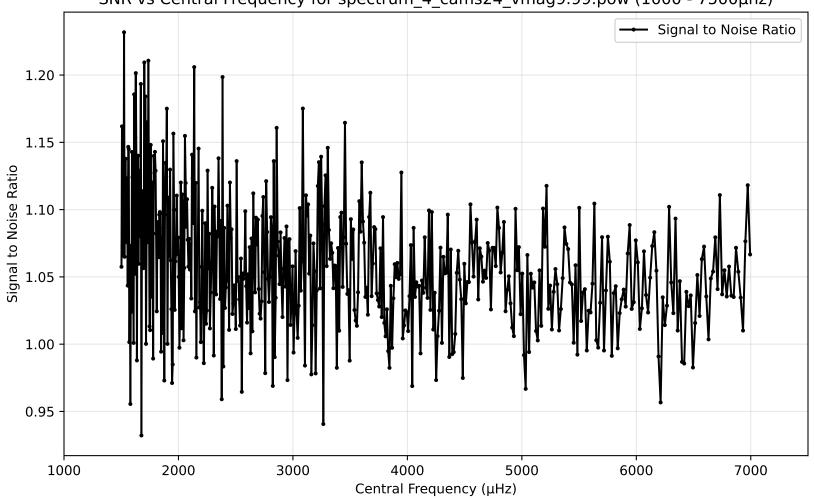
SNR vs Central Frequency for spectrum\_4\_cams24\_vmag9.63.pow (1000 -  $7500\mu hz$ )



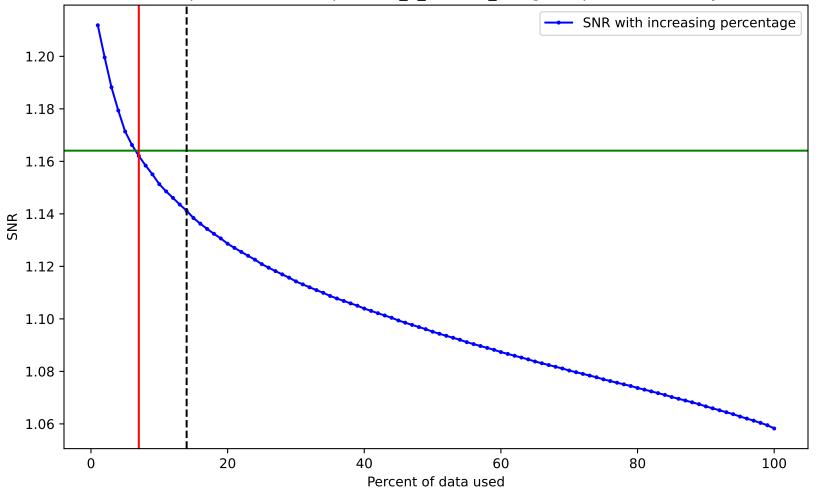
SNR variation for top n% of data for spectrum\_4\_cams24\_vmag9.63.pow. Drowned by noise at 8.0%. 1.22 SNR with increasing percentage 1.20 1.18 1.16 -관 1.14 -1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

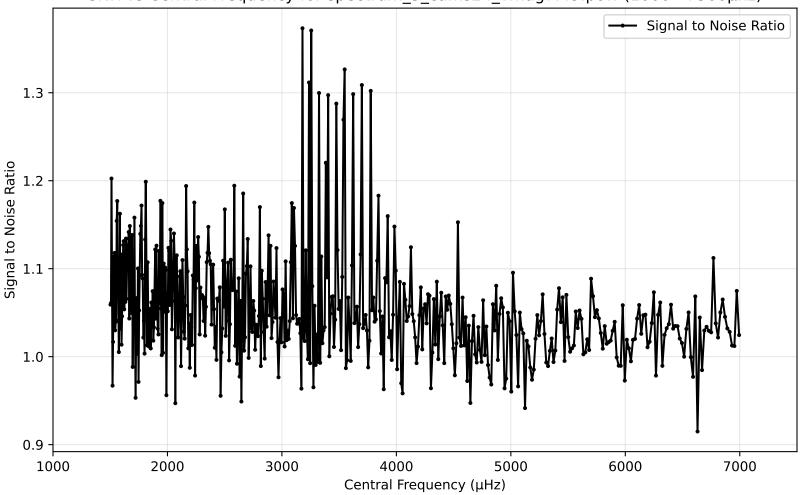
SNR vs Central Frequency for spectrum\_4\_cams24\_vmag9.99.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_4\_cams24\_vmag9.99.pow. Drowned by noise at 7.0%.



SNR vs Central Frequency for spectrum\_5\_cams24\_vmag7.49.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_5\_cams24\_vmag7.49.pow. Drowned by noise at 17.0%. 1.35 -SNR with increasing percentage 1.30 1.25 품 1.20 · 1.15 1.10 -

40

60

Percent of data used

80

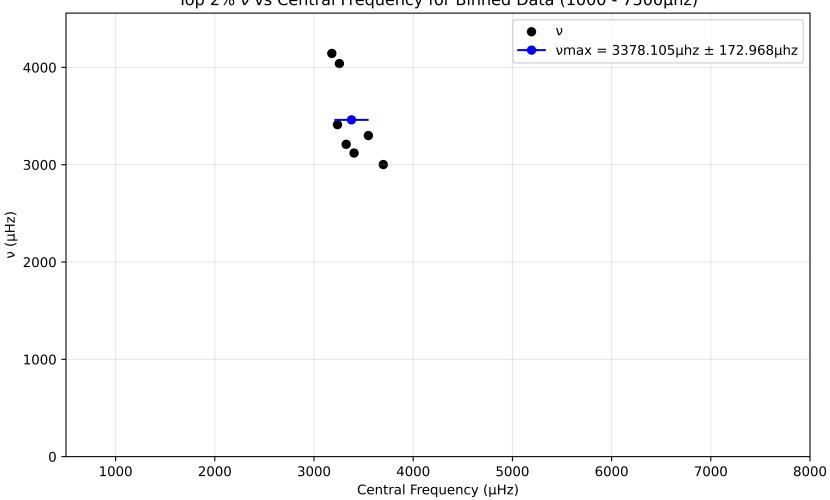
100

1.05

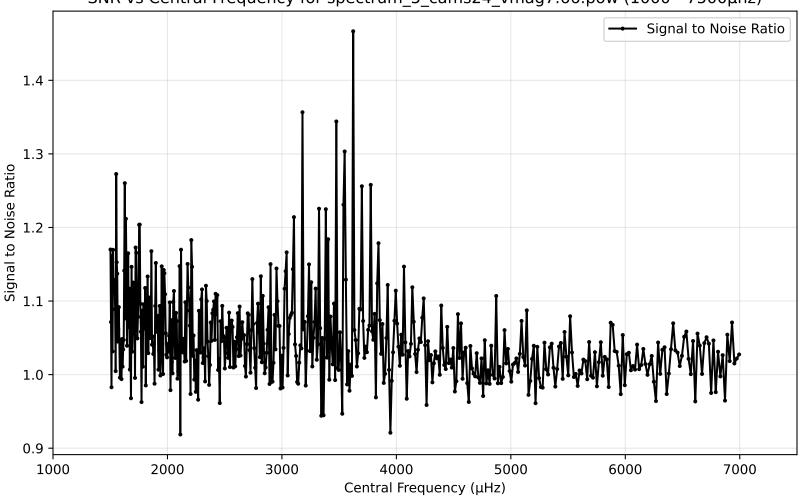
20

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

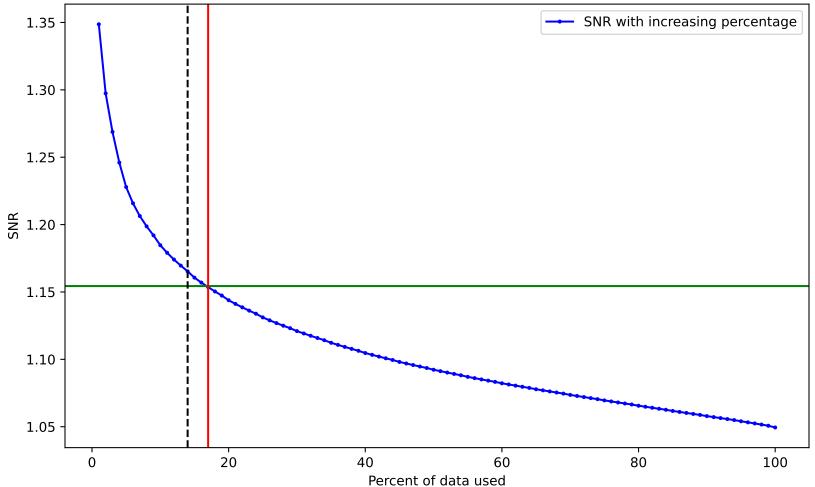
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_5\_cams24\_vmag7.66.pow (1000 - 7500µhz)



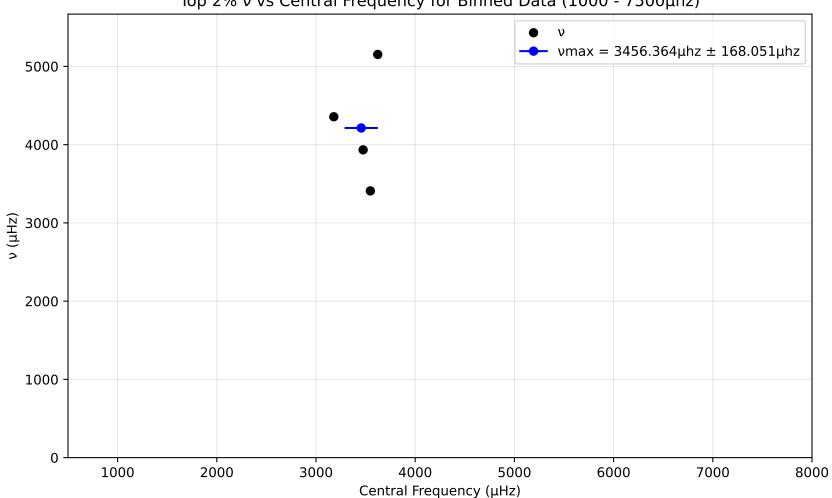
SNR variation for top n% of data for spectrum\_5\_cams24\_vmag7.66.pow. Drowned by noise at 17.0%.



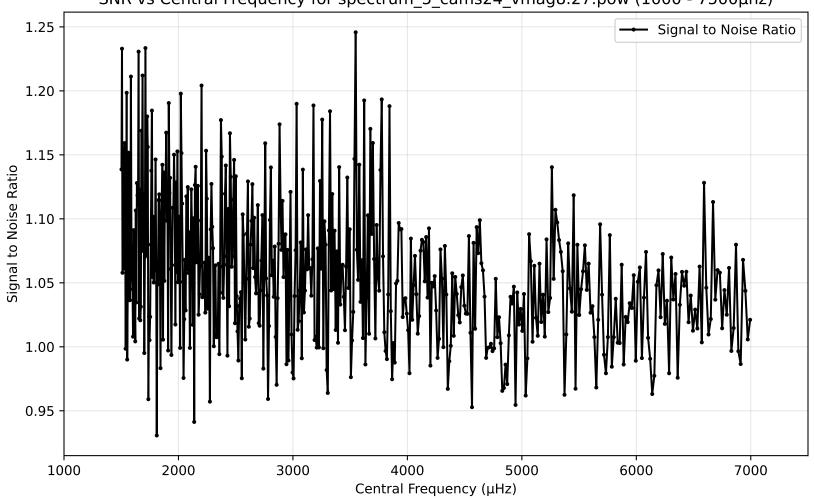
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500  $\mu hz)$ v (µHz) -1000 

Central Frequency (µHz)

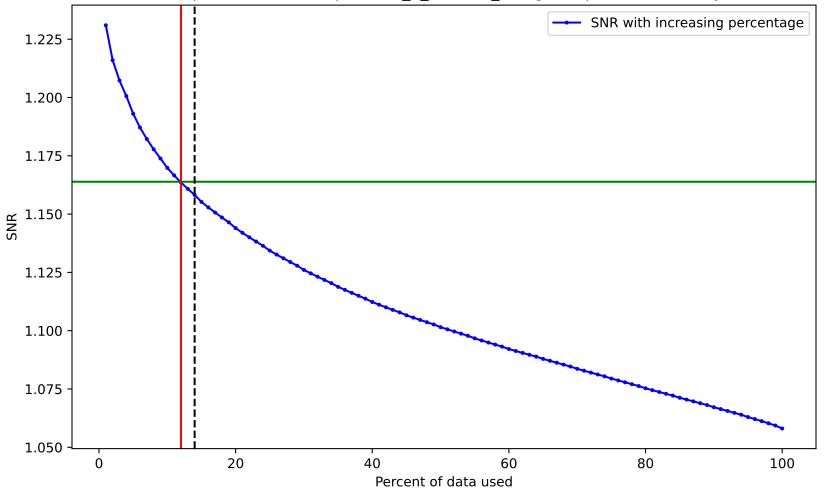
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



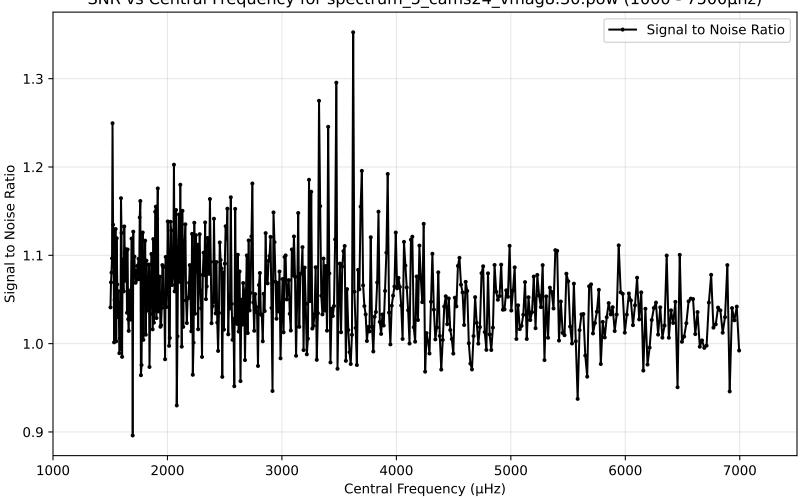
SNR vs Central Frequency for spectrum\_5\_cams24\_vmag8.27.pow (1000 - 7500µhz)



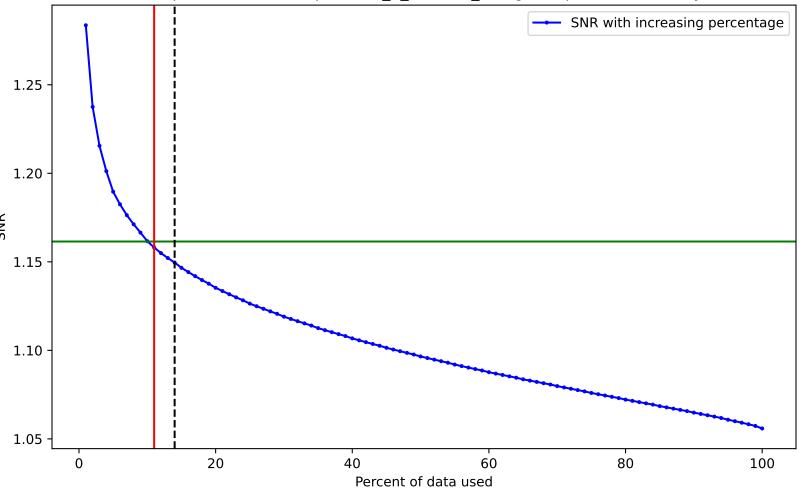
SNR variation for top n% of data for spectrum\_5\_cams24\_vmag8.27.pow. Drowned by noise at 12.0%.



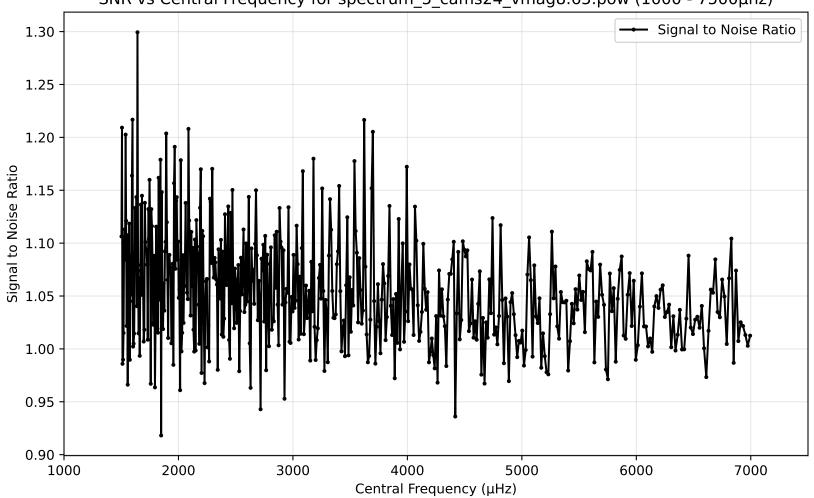
SNR vs Central Frequency for spectrum\_5\_cams24\_vmag8.30.pow (1000 - 7500µhz)



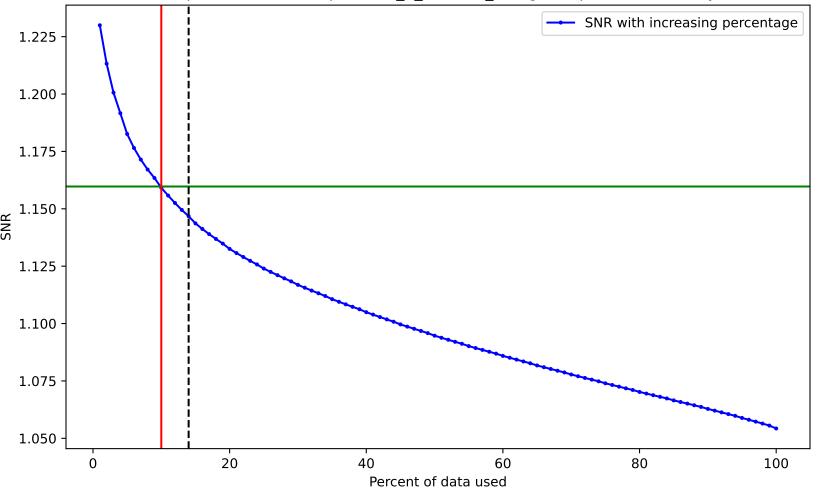
SNR variation for top n% of data for spectrum\_5\_cams24\_vmag8.30.pow. Drowned by noise at 11.0%.



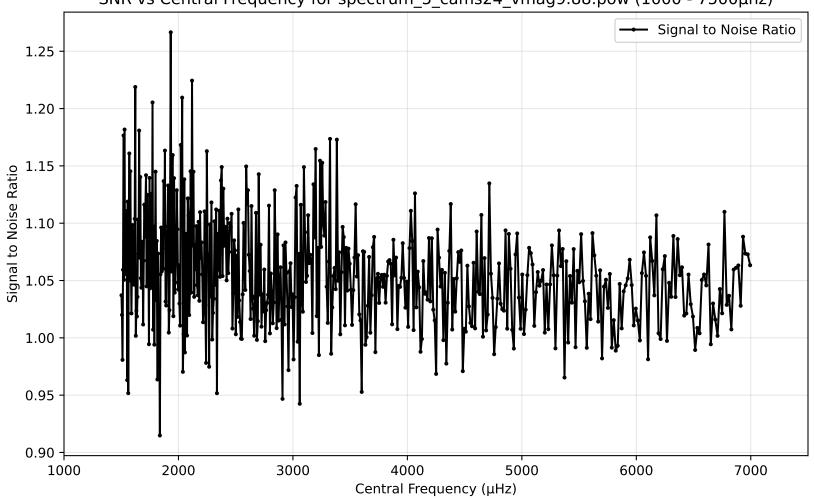
SNR vs Central Frequency for spectrum\_5\_cams24\_vmag8.65.pow (1000 - 7500µhz)



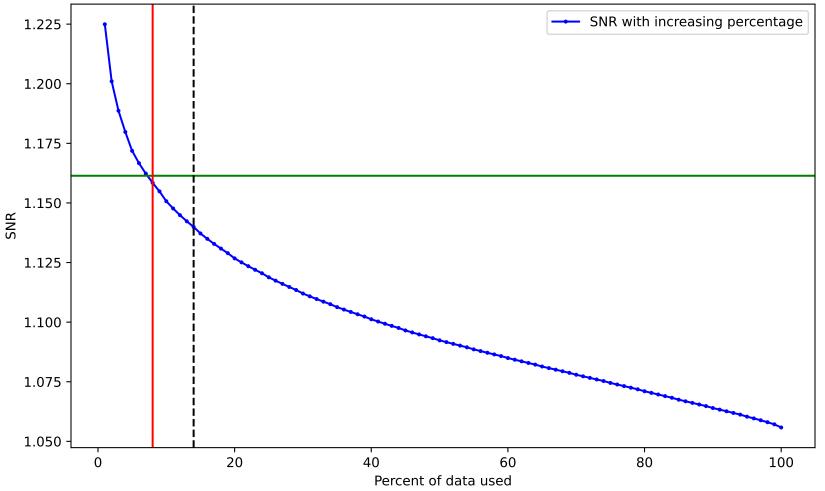
SNR variation for top n% of data for spectrum\_5\_cams24\_vmag8.65.pow. Drowned by noise at 10.0%.

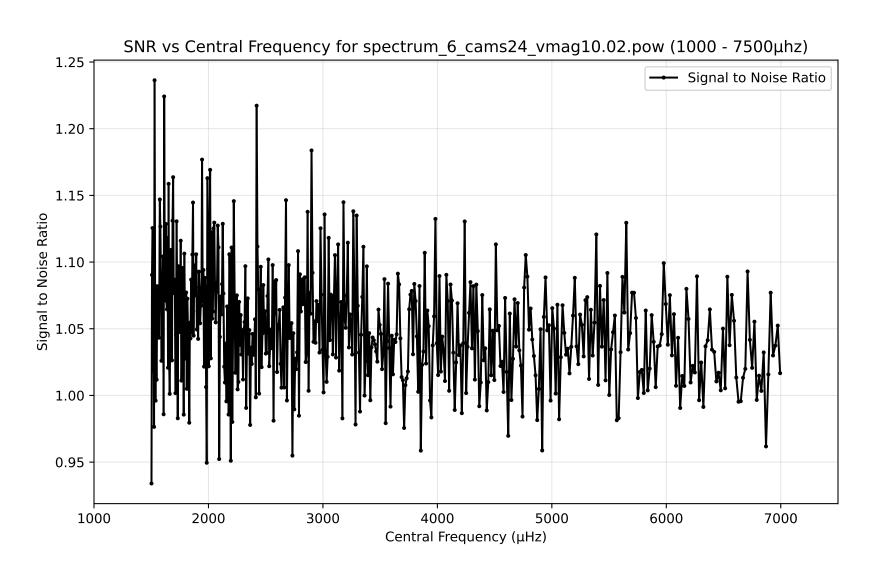


SNR vs Central Frequency for spectrum\_5\_cams24\_vmag9.88.pow (1000 - 7500µhz)

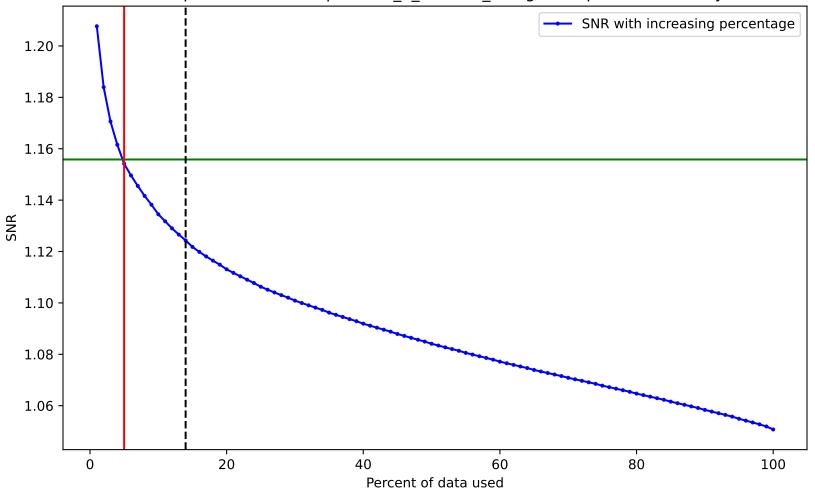


SNR variation for top n% of data for spectrum\_5\_cams24\_vmag9.88.pow. Drowned by noise at 8.0%.

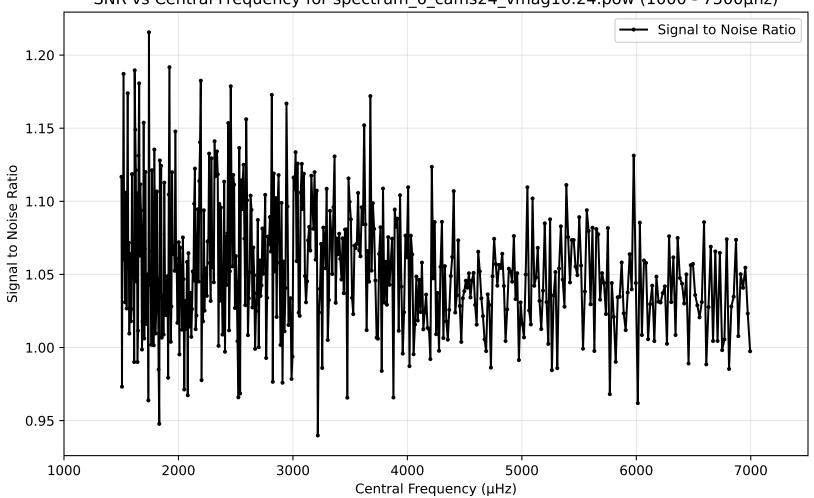


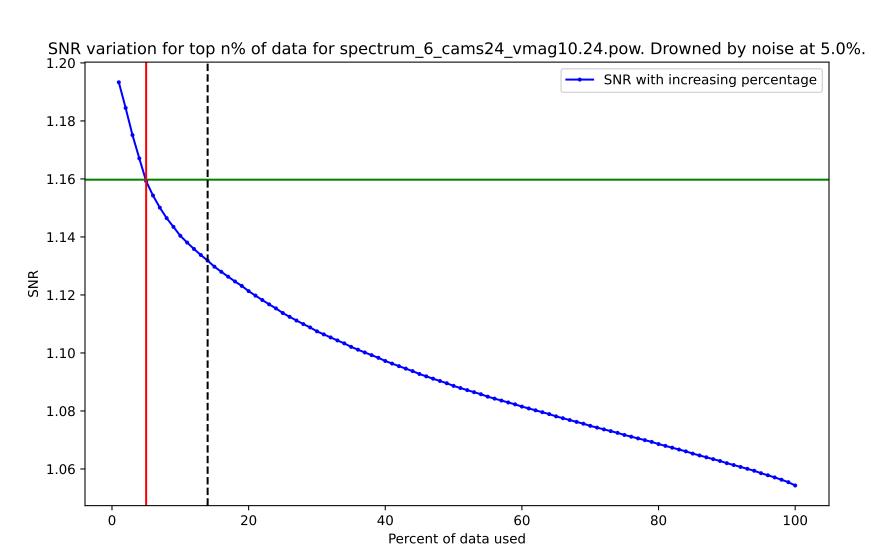


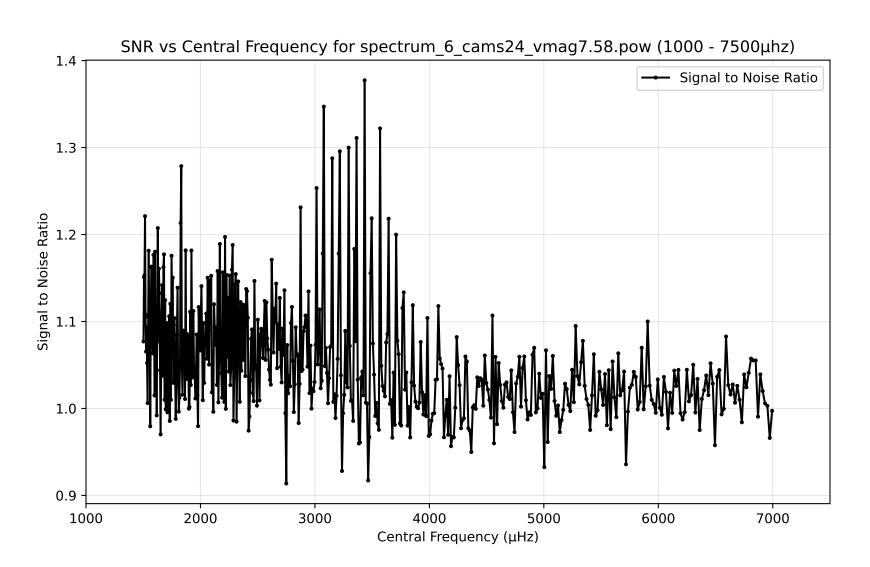
SNR variation for top n% of data for spectrum\_6\_cams24\_vmag10.02.pow. Drowned by noise at 5.0%.



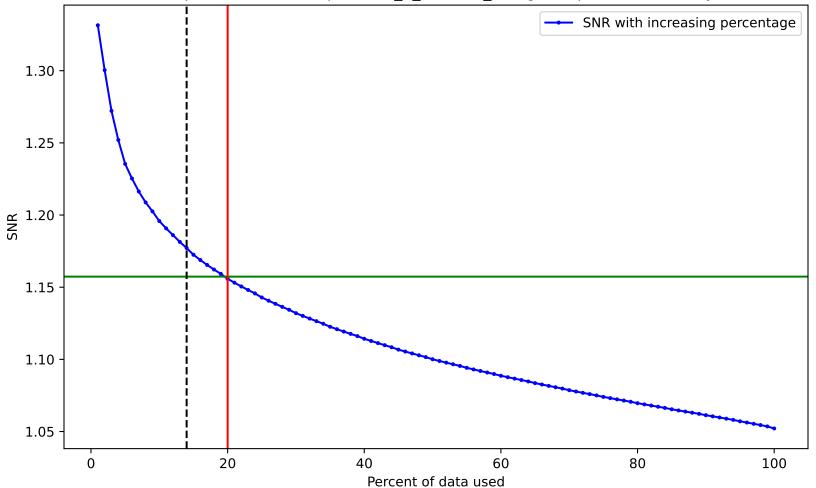
SNR vs Central Frequency for spectrum\_6\_cams24\_vmag10.24.pow (1000 - 7500µhz)

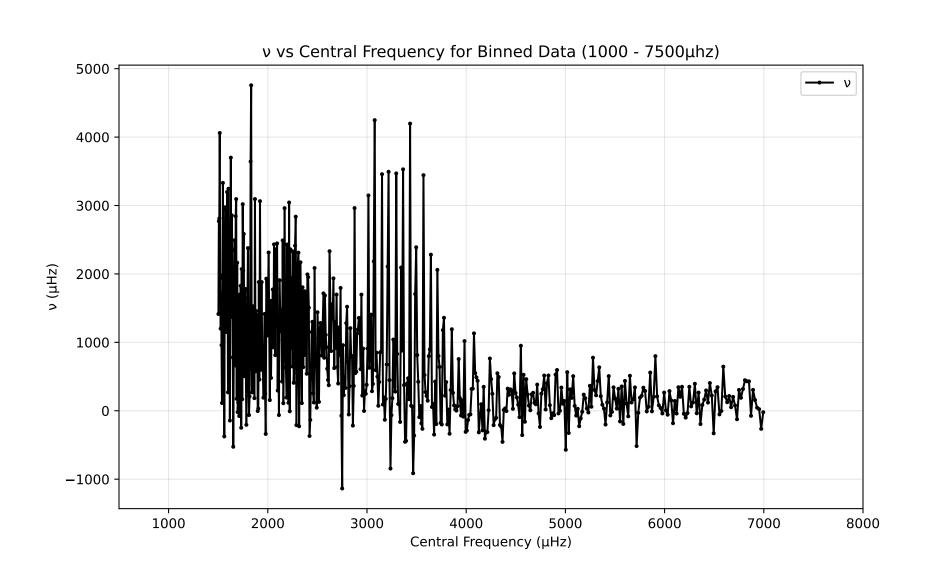




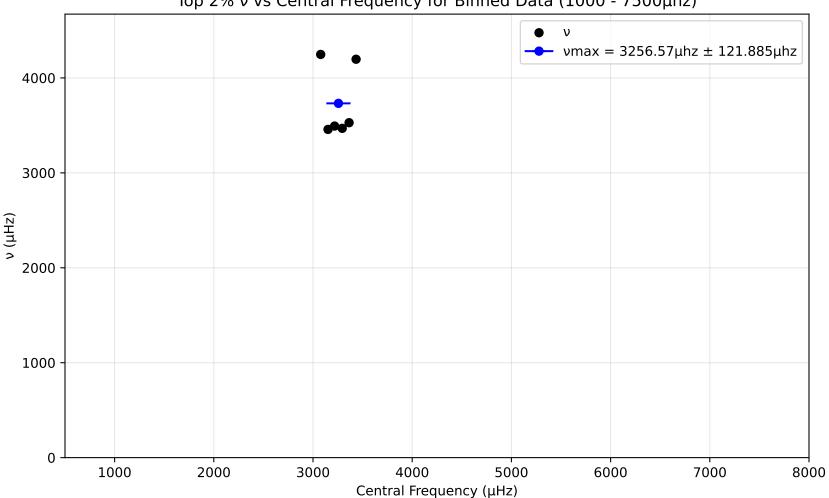


SNR variation for top n% of data for spectrum\_6\_cams24\_vmag7.58.pow. Drowned by noise at 20.0%.





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



SNR vs Central Frequency for spectrum\_6\_cams24\_vmag8.34.pow (1000 - 7500µhz) Signal to Noise Ratio 1.25 1.20 Signal to Noise Ratio 1.00 0.95 0.90

4000

Central Frequency (µHz)

5000

6000

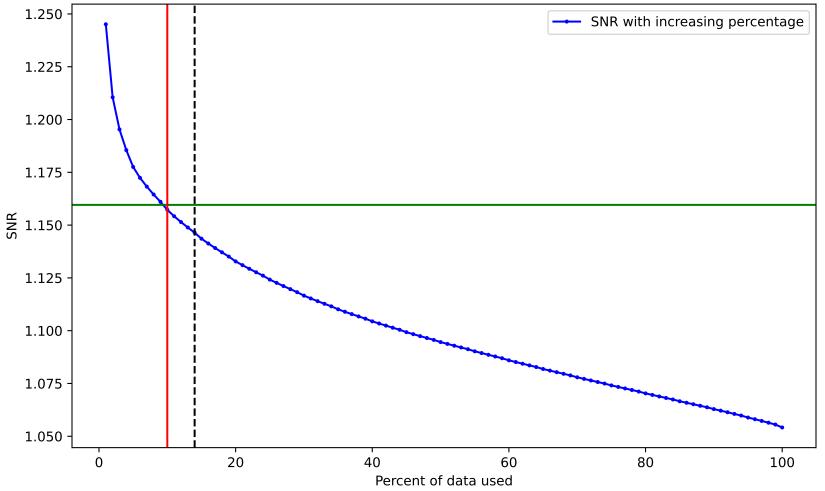
7000

1000

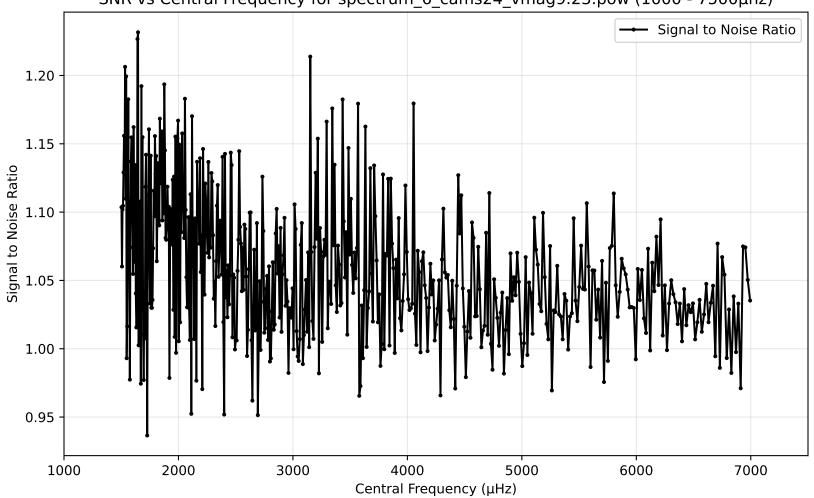
2000

3000

SNR variation for top n% of data for spectrum\_6\_cams24\_vmag8.34.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_6\_cams24\_vmag9.23.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_6\_cams24\_vmag9.23.pow. Drowned by noise at 9.0%. 1.22 -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 vs Central Frequency for spectrum\_6\_cams24\_vmag9.98.pow (1000 - 7500µhz) Signal to Noise Ratio

4000

Central Frequency (µHz)

6000

5000

7000

1.25

1.20

1.15

1.10 -

1.05

1.00

0.95

0.90

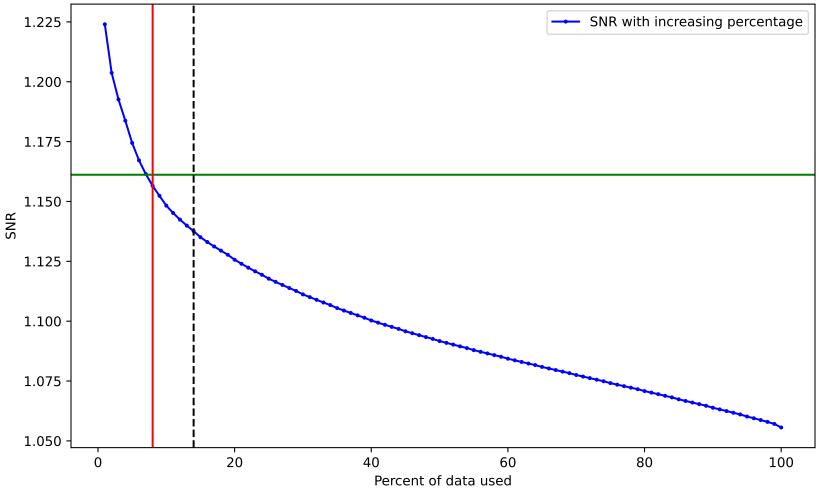
1000

2000

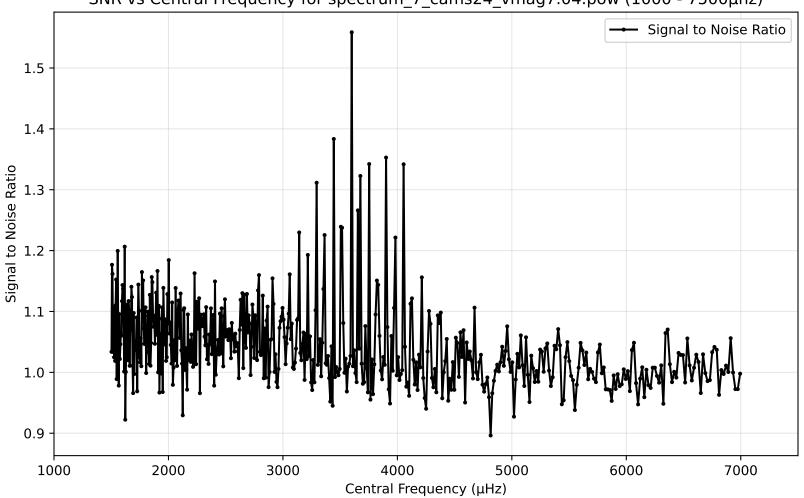
3000

Signal to Noise Ratio

SNR variation for top n% of data for spectrum\_6\_cams24\_vmag9.98.pow. Drowned by noise at 8.0%.



SNR vs Central Frequency for spectrum\_7\_cams24\_vmag7.04.pow (1000 - 7500µhz)



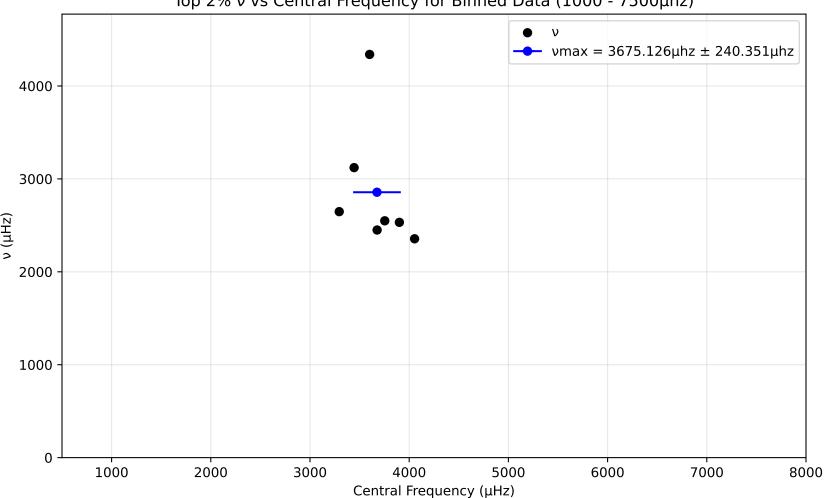
SNR variation for top n% of data for spectrum\_7\_cams24\_vmag7.04.pow. Drowned by noise at 20.0%. 1.40 -SNR with increasing percentage 1.35 1.30 1.25 1.20 1.15 1.10 1.05 20 40 60 80 100

Percent of data used

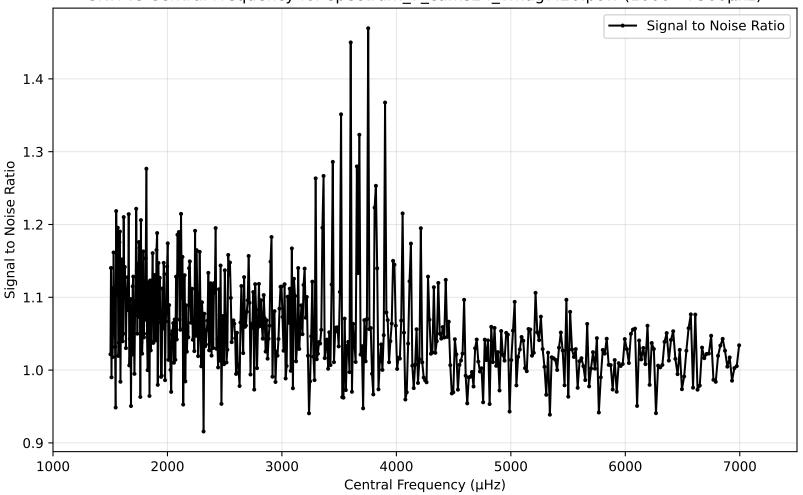
SNR

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\_7\_cams24\_vmag7.26.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_7\_cams24\_vmag7.26.pow. Drowned by noise at 22.0%. 1.40 -SNR with increasing percentage 1.35 1.30 1.25 1.20 1.15 1.10 1.05 -20 80

60

Percent of data used

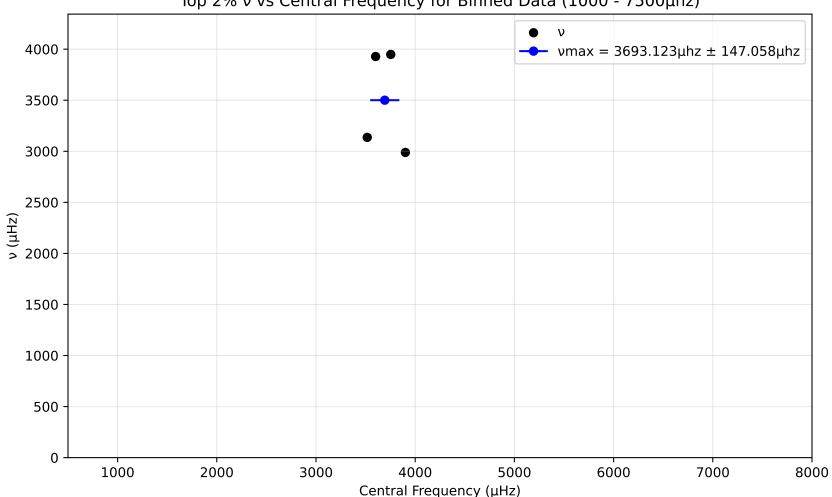
100

40

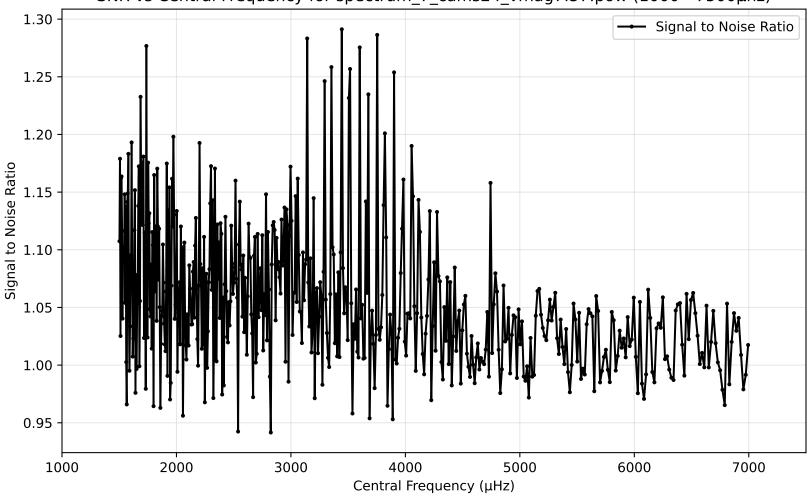
SNR

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

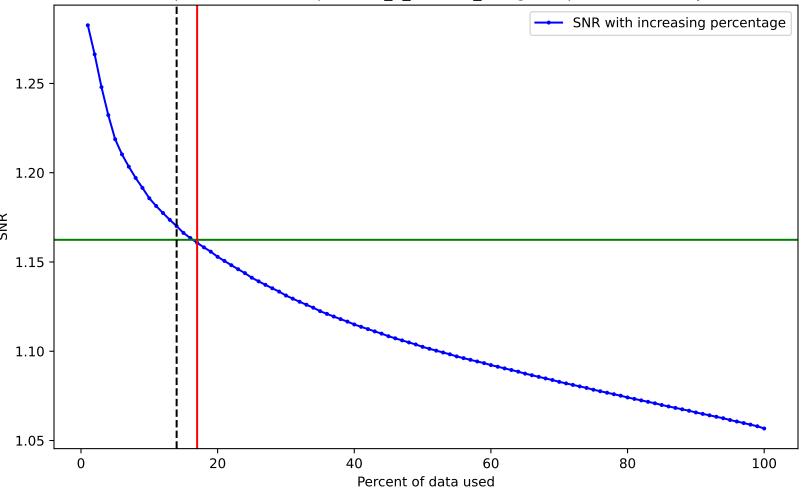
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_7\_cams24\_vmag7.57.pow (1000 - 7500µhz)

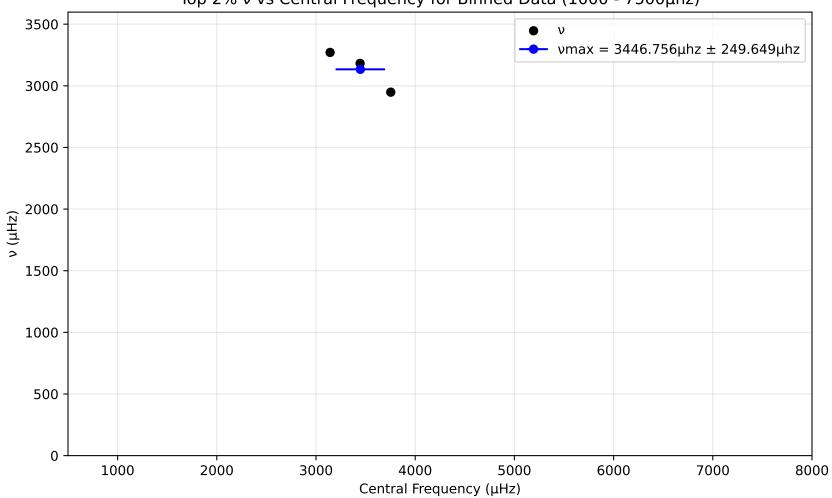


SNR variation for top n% of data for spectrum\_7\_cams24\_vmag7.57.pow. Drowned by noise at 17.0%.

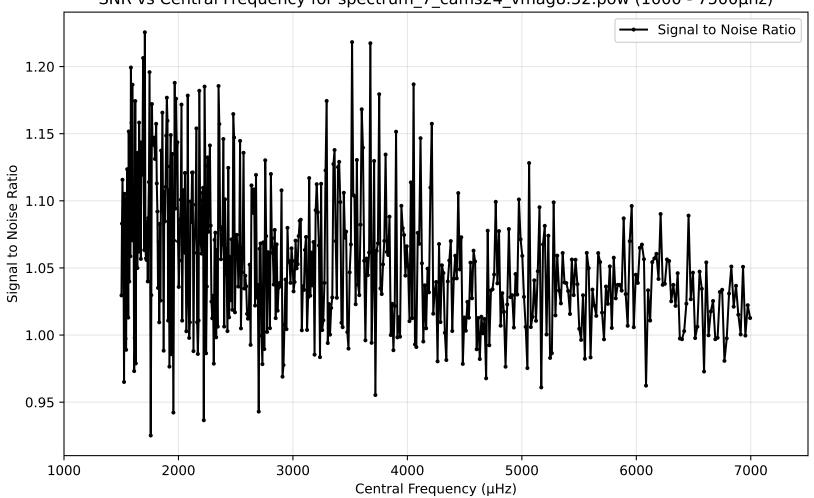


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

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



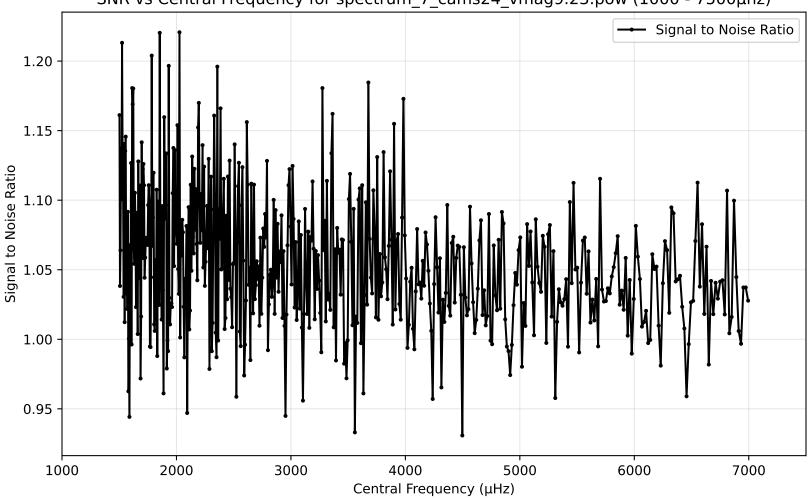
SNR vs Central Frequency for spectrum\_7\_cams24\_vmag8.52.pow (1000 - 7500µhz)



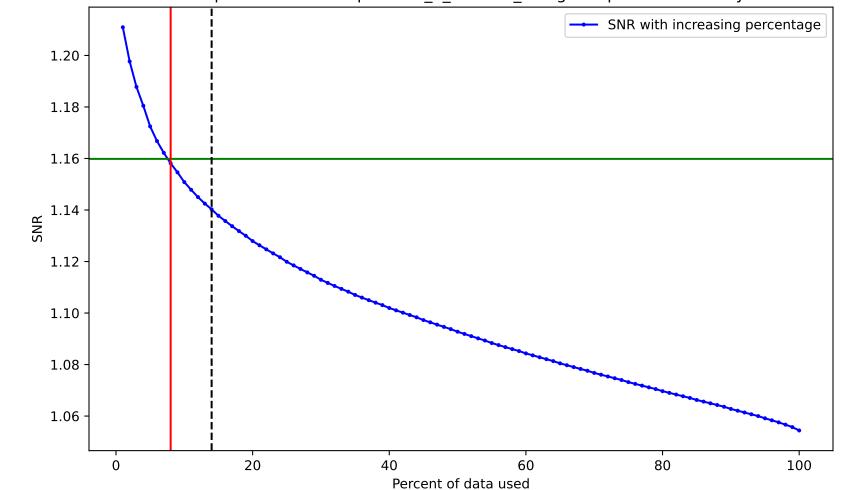
SNR variation for top n% of data for spectrum\_7\_cams24\_vmag8.52.pow. Drowned by noise at 11.0%. 1.22 SNR with increasing percentage 1.20 1.18 -1.16 관 1.14 -1.12 1.10 1.08 1.06 20 40 60 80 100 0

Percent of data used

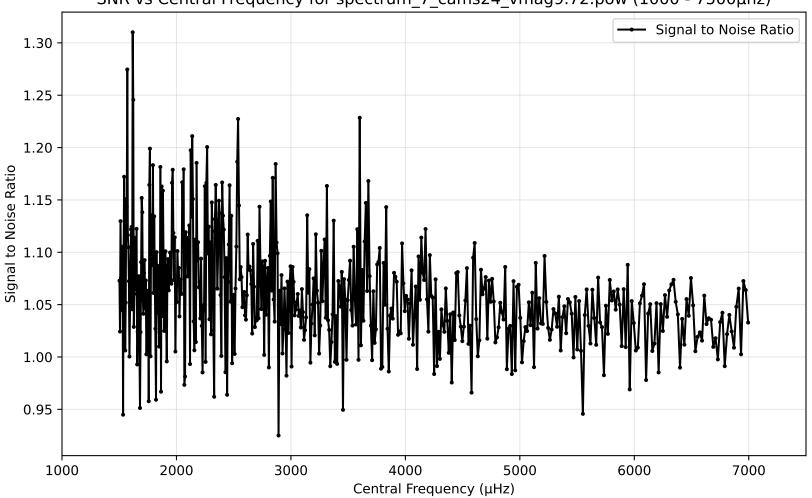
SNR vs Central Frequency for spectrum\_7\_cams24\_vmag9.23.pow (1000 - 7500µhz)



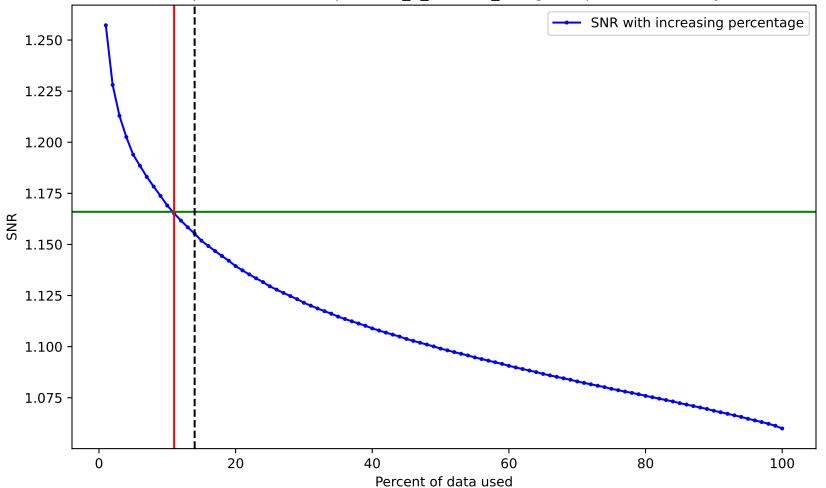
SNR variation for top n% of data for spectrum\_7\_cams24\_vmag9.23.pow. Drowned by noise at 8.0%.



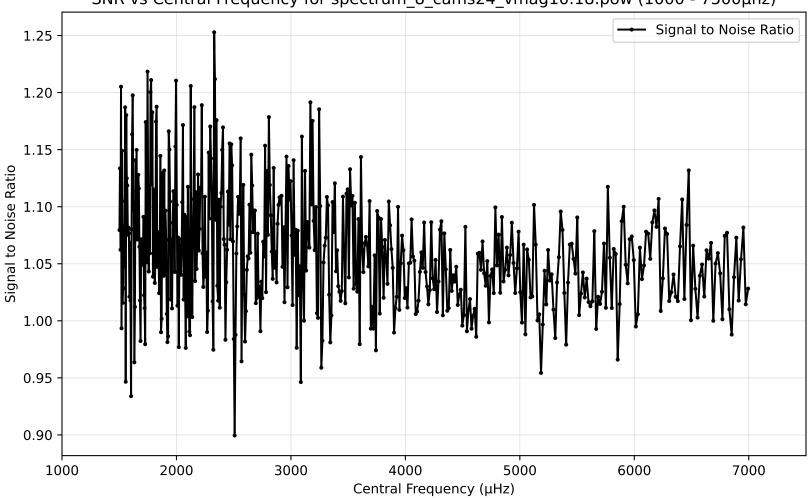
SNR vs Central Frequency for spectrum\_7\_cams24\_vmag9.72.pow (1000 - 7500µhz)



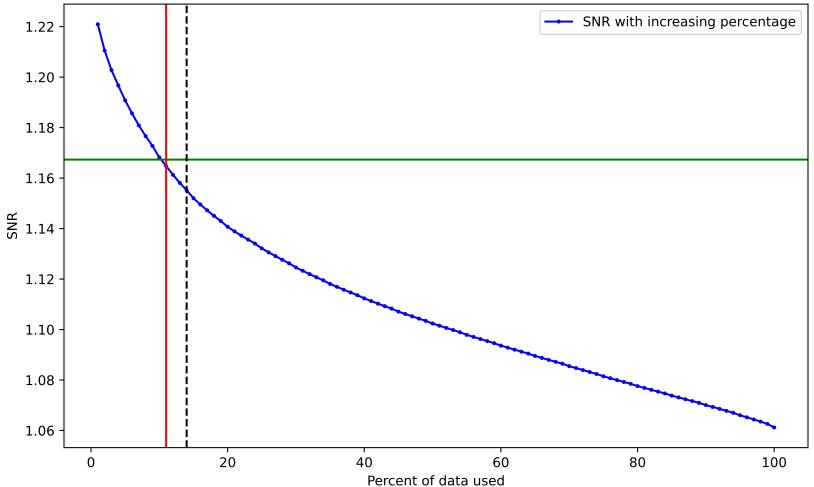
SNR variation for top n% of data for spectrum\_7\_cams24\_vmag9.72.pow. Drowned by noise at 11.0%.



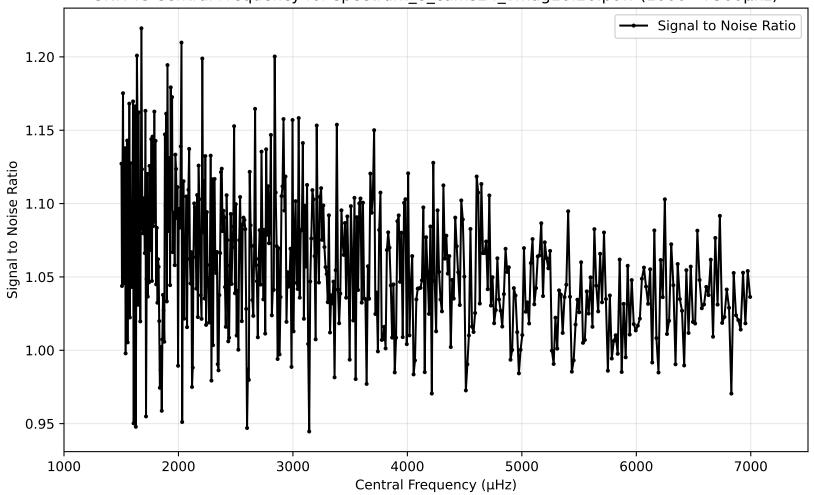
SNR vs Central Frequency for spectrum\_8\_cams24\_vmag10.18.pow (1000 - 7500µhz)



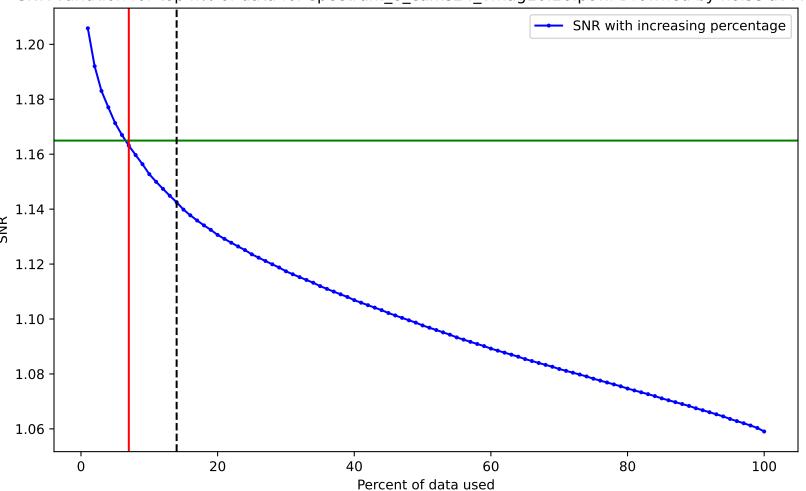
SNR variation for top n% of data for spectrum\_8\_cams24\_vmag10.18.pow. Drowned by noise at 11.0%.



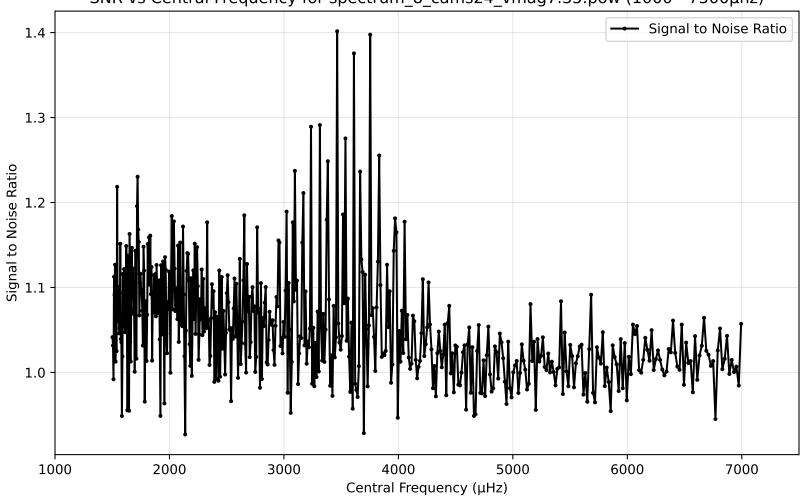
SNR vs Central Frequency for spectrum\_8\_cams24\_vmag10.26.pow (1000 - 7500µhz)



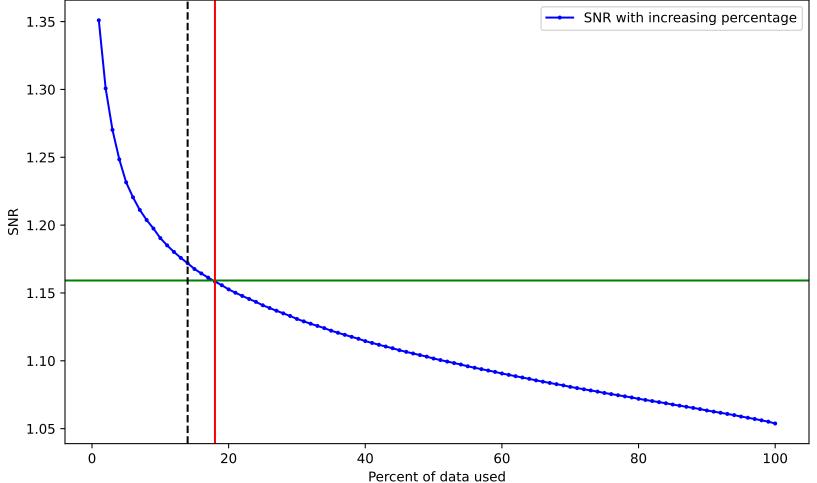
SNR variation for top n% of data for spectrum\_8\_cams24\_vmag10.26.pow. Drowned by noise at 7.0%.

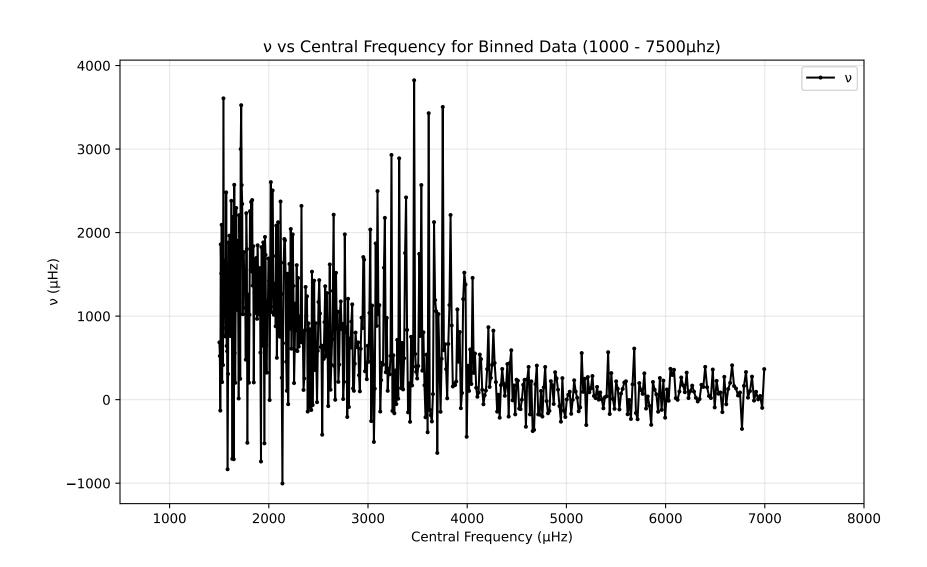


SNR vs Central Frequency for spectrum\_8\_cams24\_vmag7.35.pow (1000 - 7500µhz)

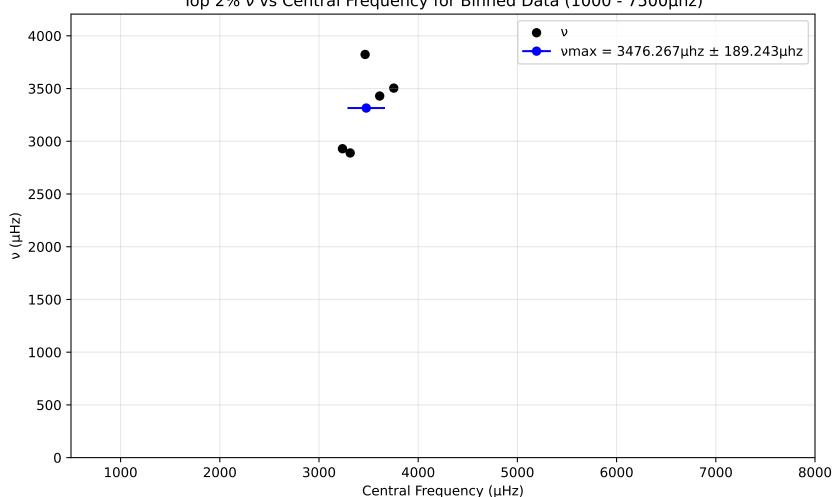


SNR variation for top n% of data for spectrum\_8\_cams24\_vmag7.35.pow. Drowned by noise at 18.0%.

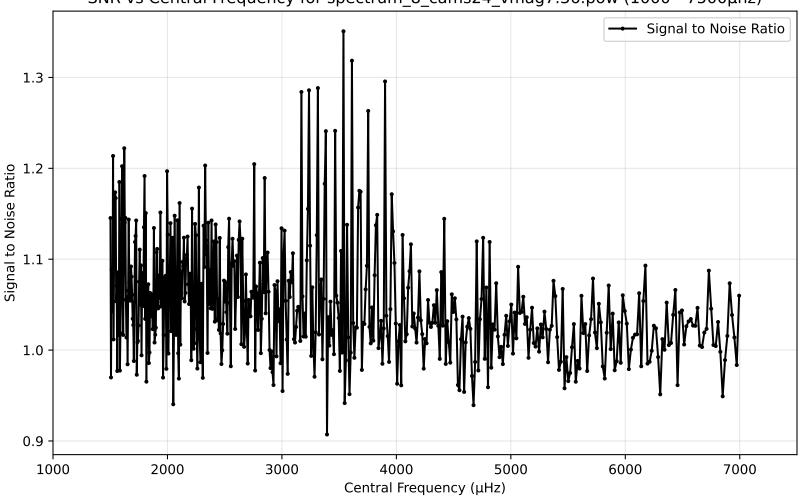




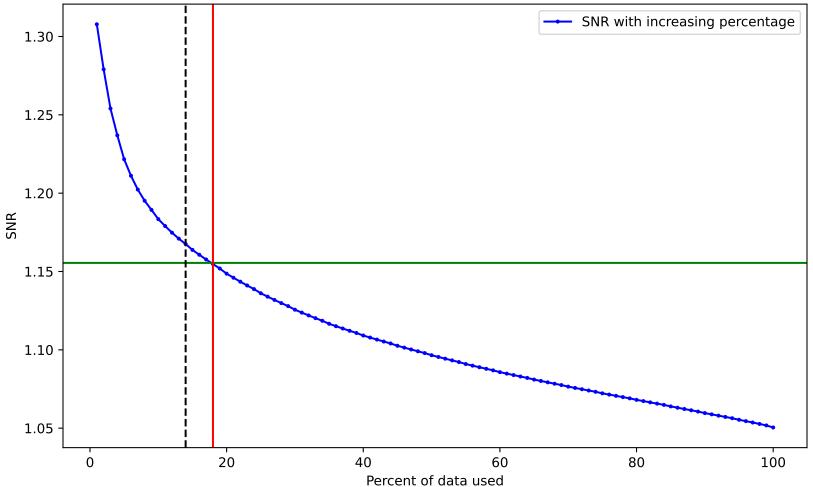
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



SNR vs Central Frequency for spectrum\_8\_cams24\_vmag7.36.pow (1000 - 7500µhz)

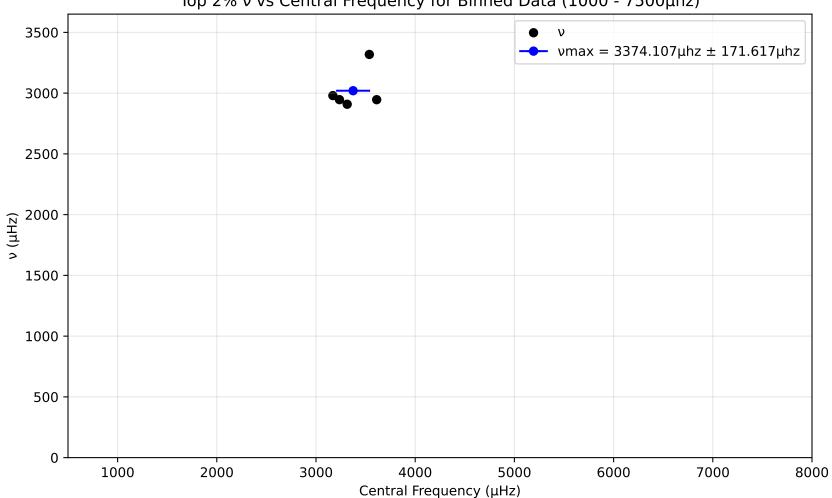


SNR variation for top n% of data for spectrum\_8\_cams24\_vmag7.36.pow. Drowned by noise at 18.0%.

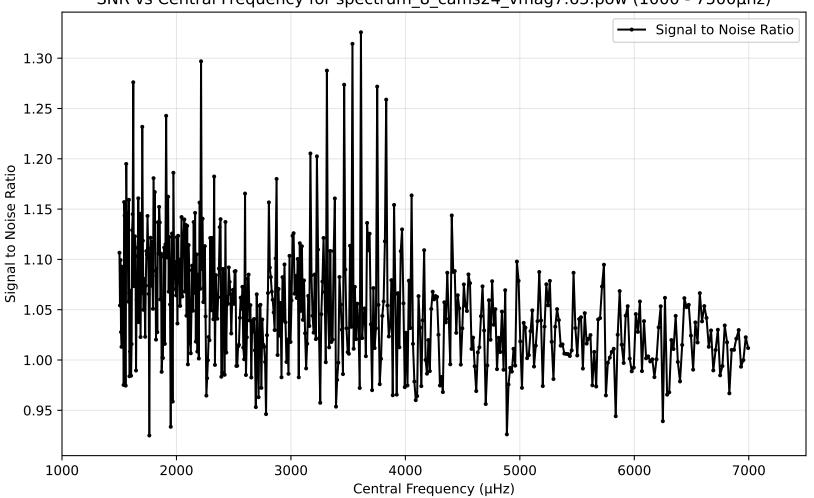


ν vs Central Frequency for Binned Data (1000 - 7500μhz) v (µHz) -1000 Central Frequency (µHz)

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

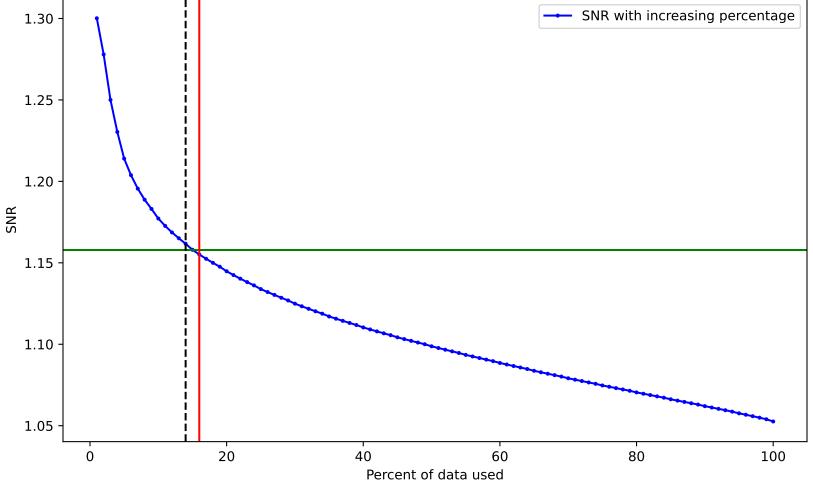


SNR vs Central Frequency for spectrum\_8\_cams24\_vmag7.65.pow (1000 - 7500µhz)

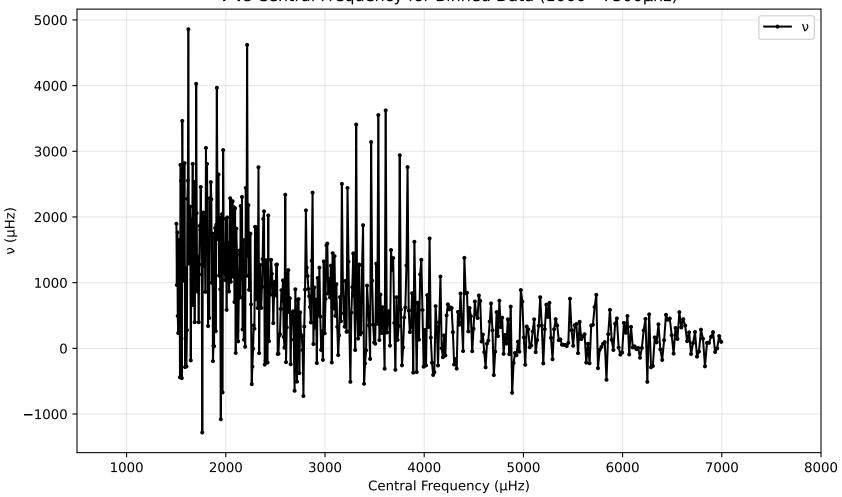


SNR variation for top n% of data for spectrum\_8\_cams24\_vmag7.65.pow. Drowned by noise at 16.0%.

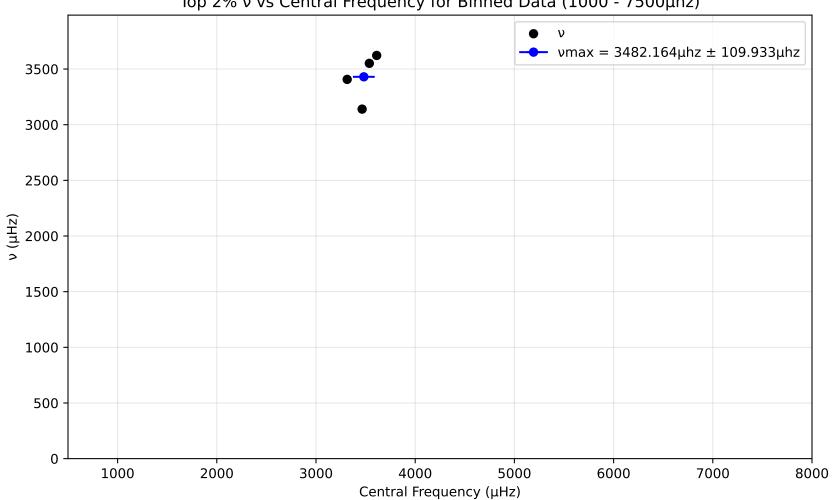
SNR with increasing percentage



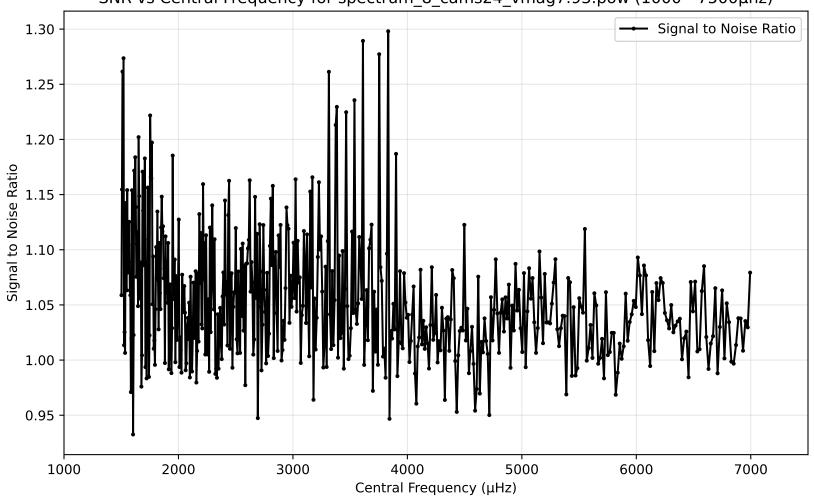
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz)



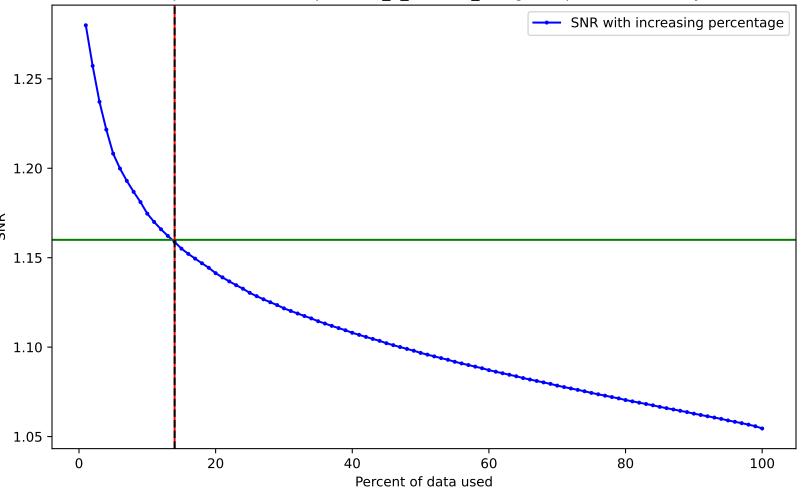
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



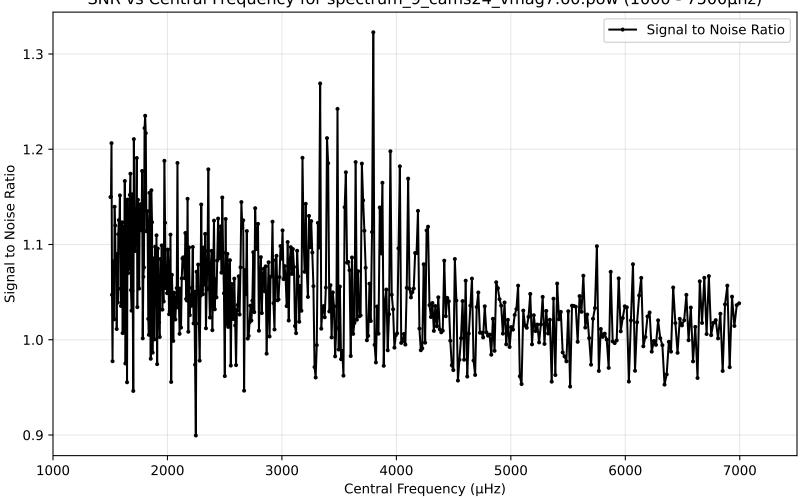
SNR vs Central Frequency for spectrum\_8\_cams24\_vmag7.93.pow (1000 - 7500µhz)



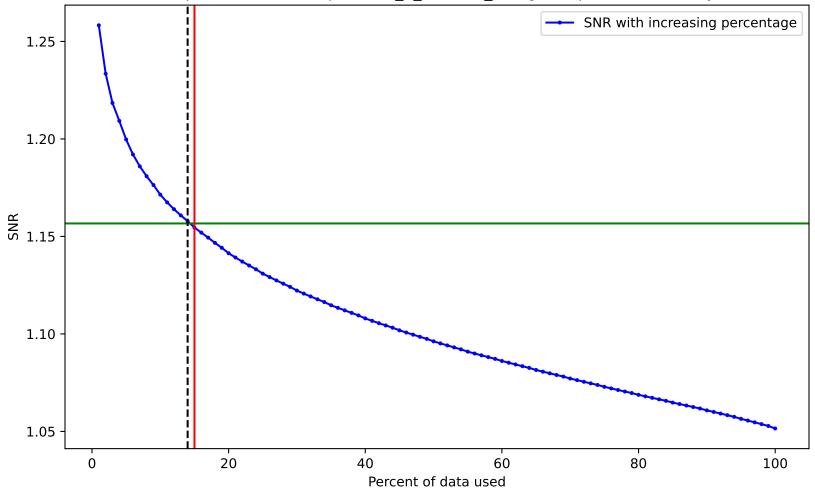
SNR variation for top n% of data for spectrum\_8\_cams24\_vmag7.93.pow. Drowned by noise at 14.0%.



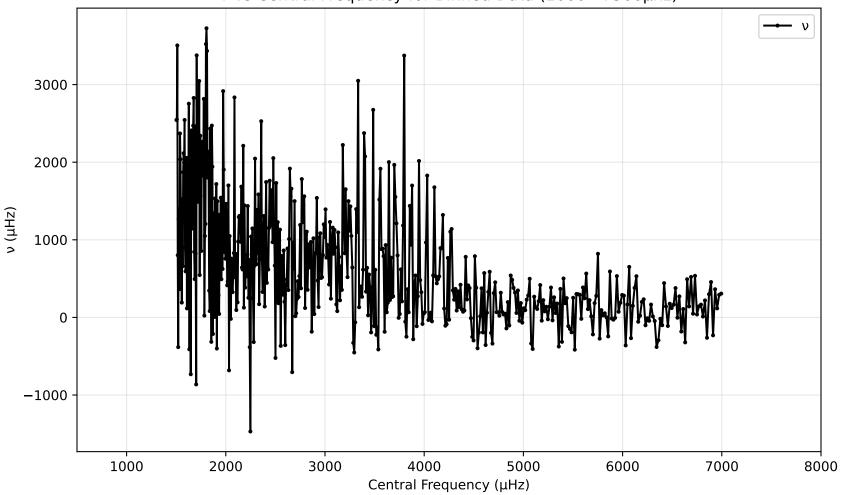
SNR vs Central Frequency for spectrum\_9\_cams24\_vmag7.60.pow (1000 - 7500µhz)



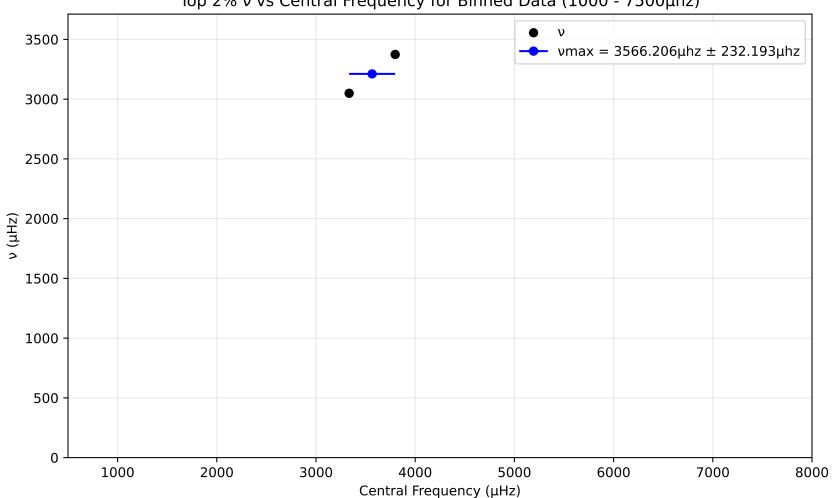
SNR variation for top n% of data for spectrum\_9\_cams24\_vmag7.60.pow. Drowned by noise at 15.0%.



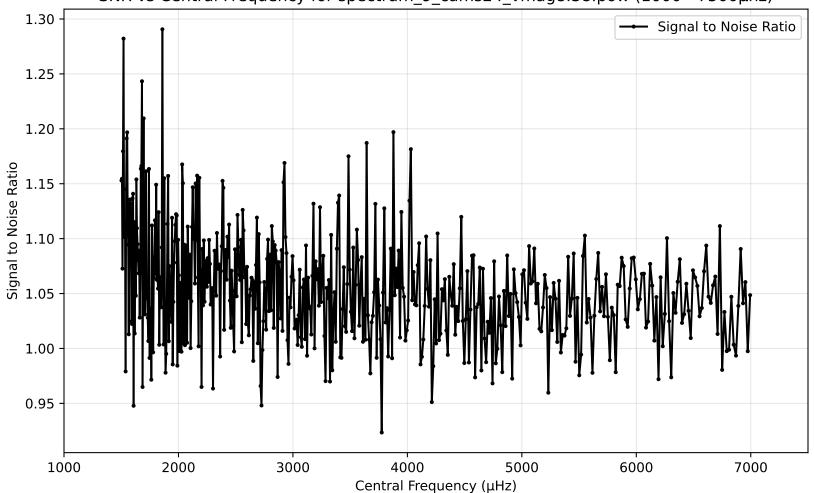
 $\nu$  vs Central Frequency for Binned Data (1000 - 7500 $\mu$ hz)



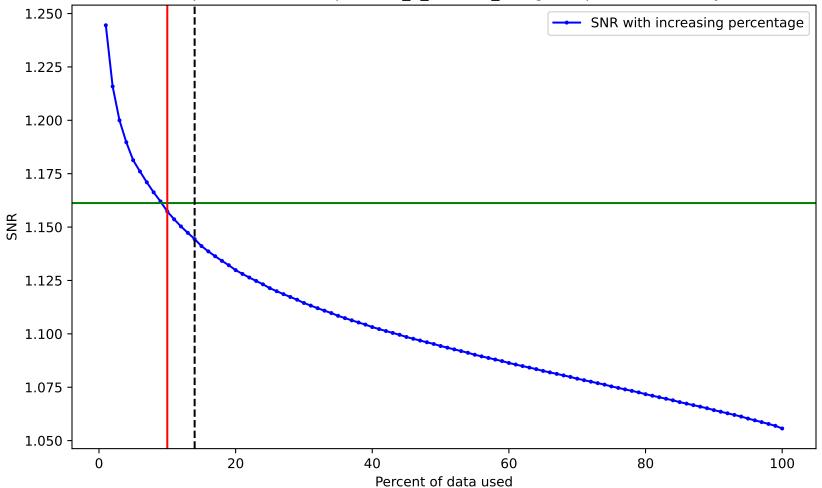
Top 2% ν vs Central Frequency for Binned Data (1000 - 7500μhz)



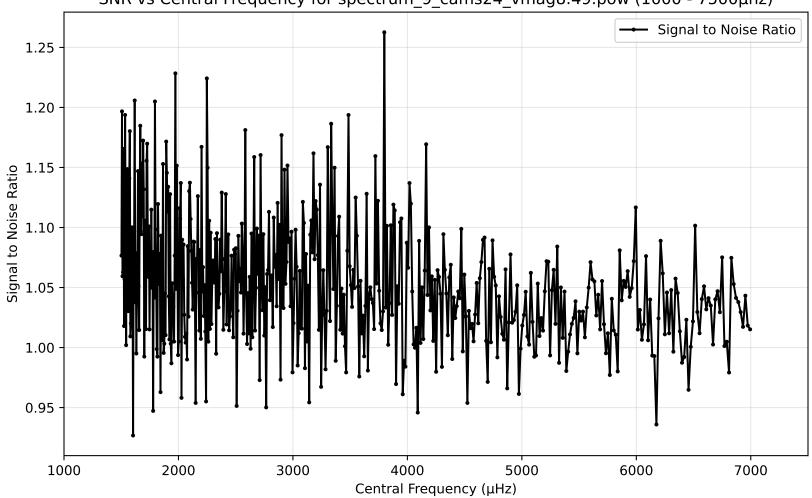
SNR vs Central Frequency for spectrum\_9\_cams24\_vmag8.38.pow (1000 - 7500µhz)



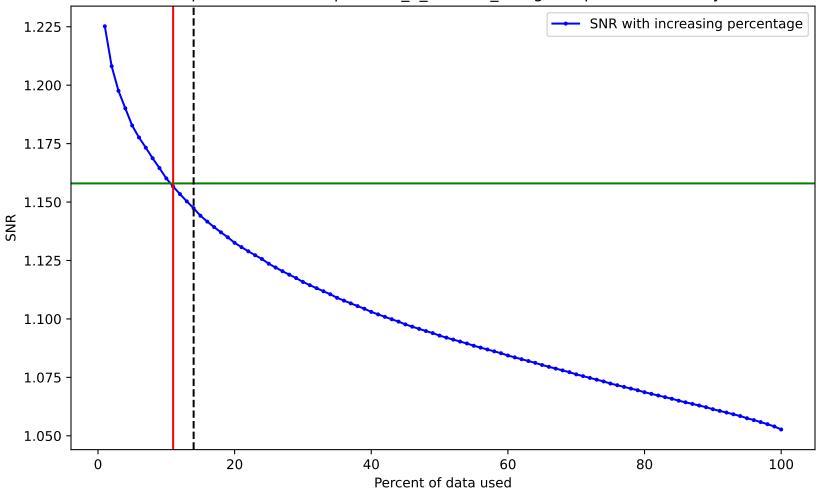
SNR variation for top n% of data for spectrum\_9\_cams24\_vmag8.38.pow. Drowned by noise at 10.0%.



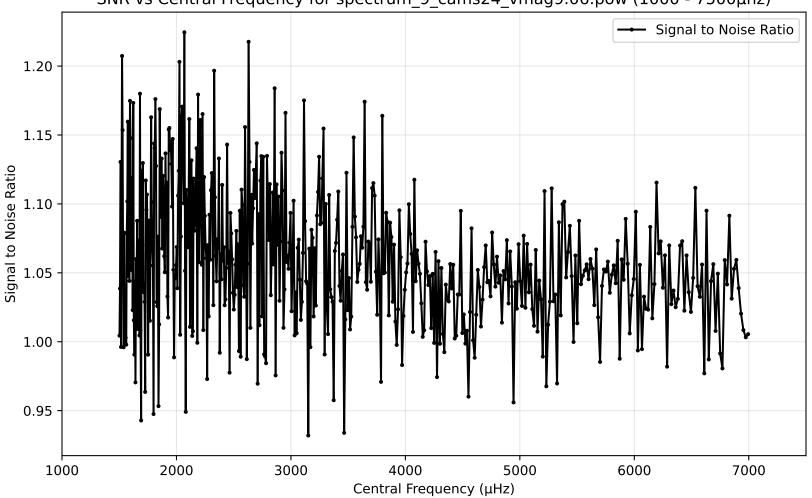
SNR vs Central Frequency for spectrum\_9\_cams24\_vmag8.49.pow (1000 - 7500µhz)



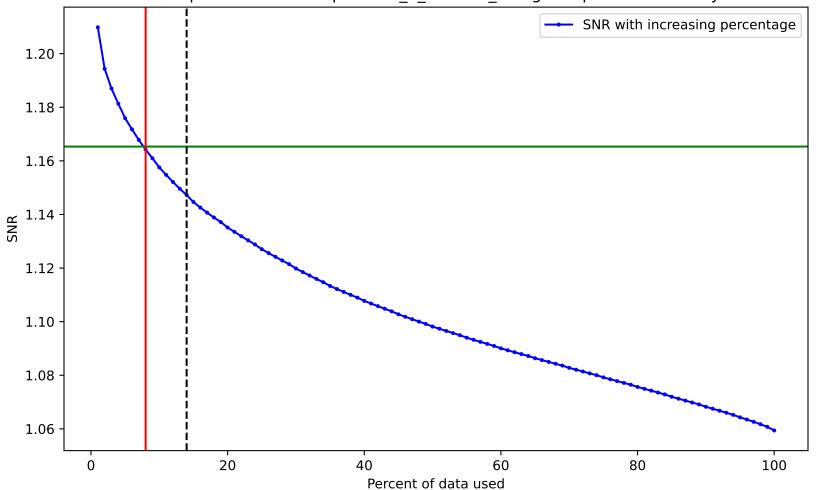
SNR variation for top n% of data for spectrum\_9\_cams24\_vmag8.49.pow. Drowned by noise at 11.0%.

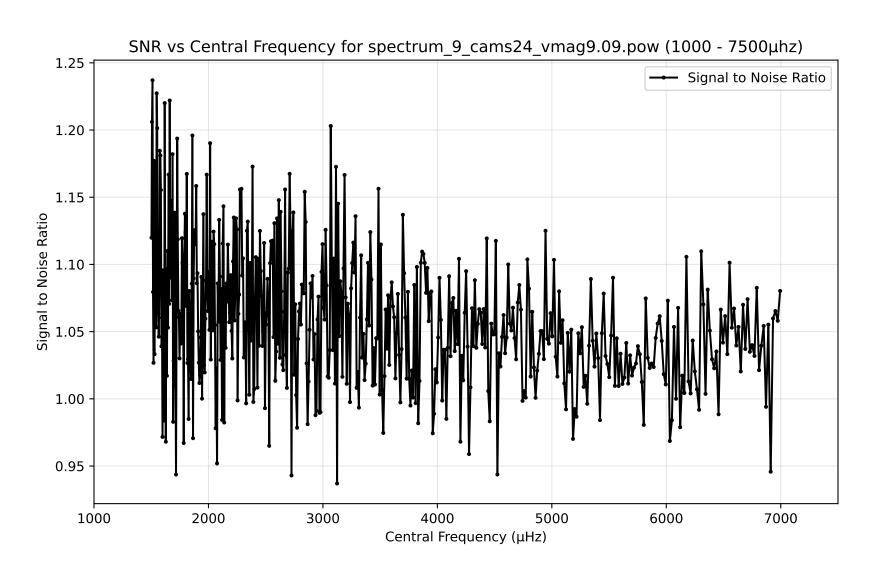


SNR vs Central Frequency for spectrum\_9\_cams24\_vmag9.06.pow (1000 - 7500µhz)

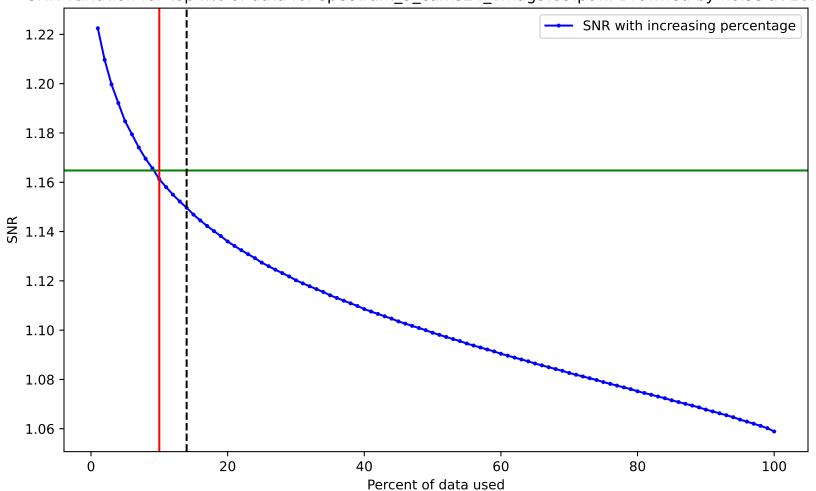


SNR variation for top n% of data for spectrum\_9\_cams24\_vmag9.06.pow. Drowned by noise at 8.0%.

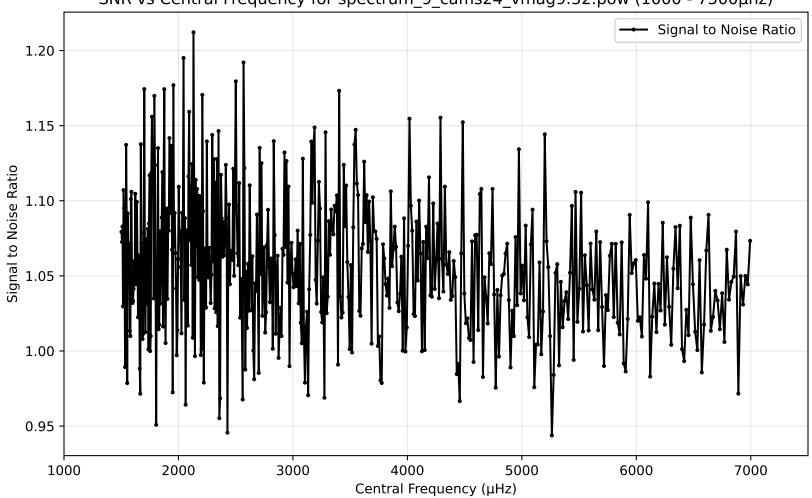




SNR variation for top n% of data for spectrum\_9\_cams24\_vmag9.09.pow. Drowned by noise at 10.0%.



SNR vs Central Frequency for spectrum\_9\_cams24\_vmag9.32.pow (1000 - 7500µhz)



SNR variation for top n% of data for spectrum\_9\_cams24\_vmag9.32.pow. Drowned by noise at 5.0%.

