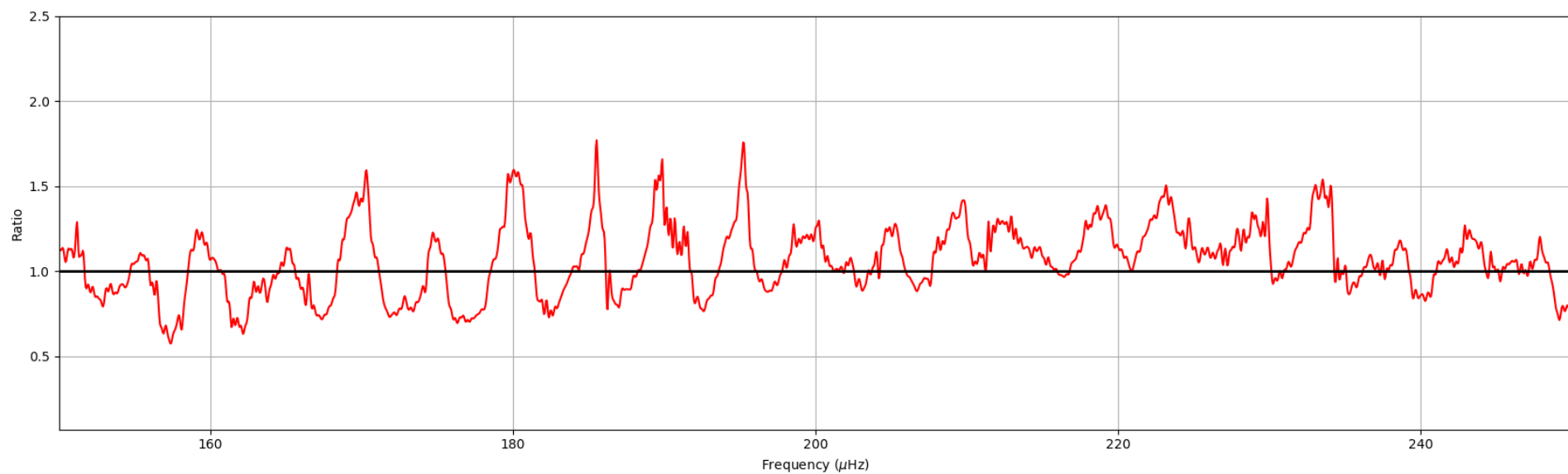
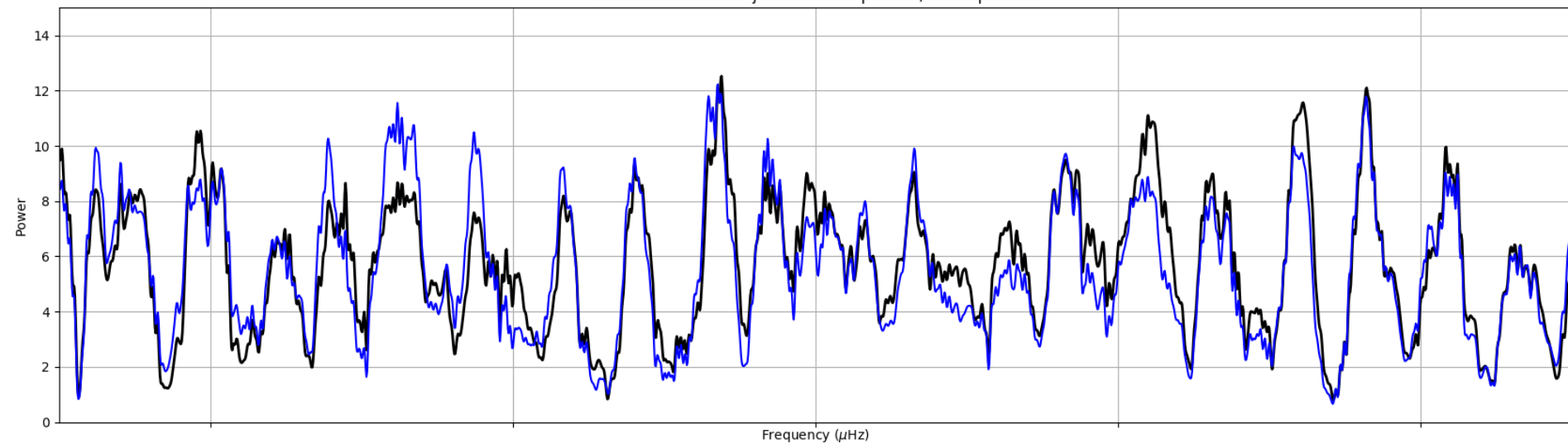


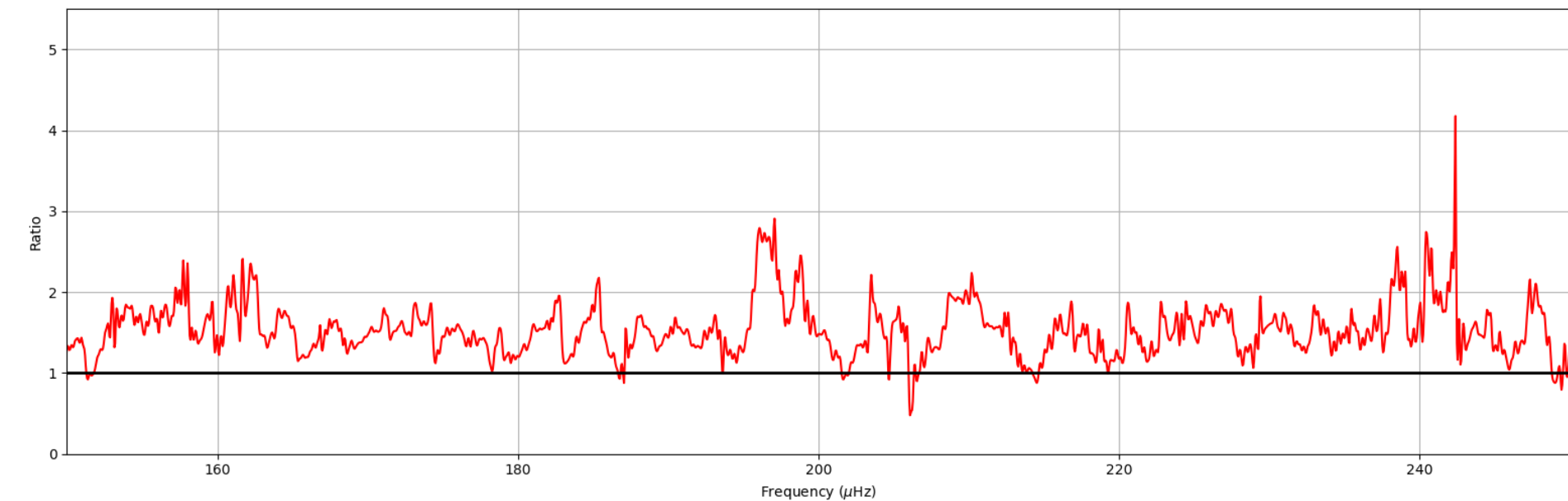
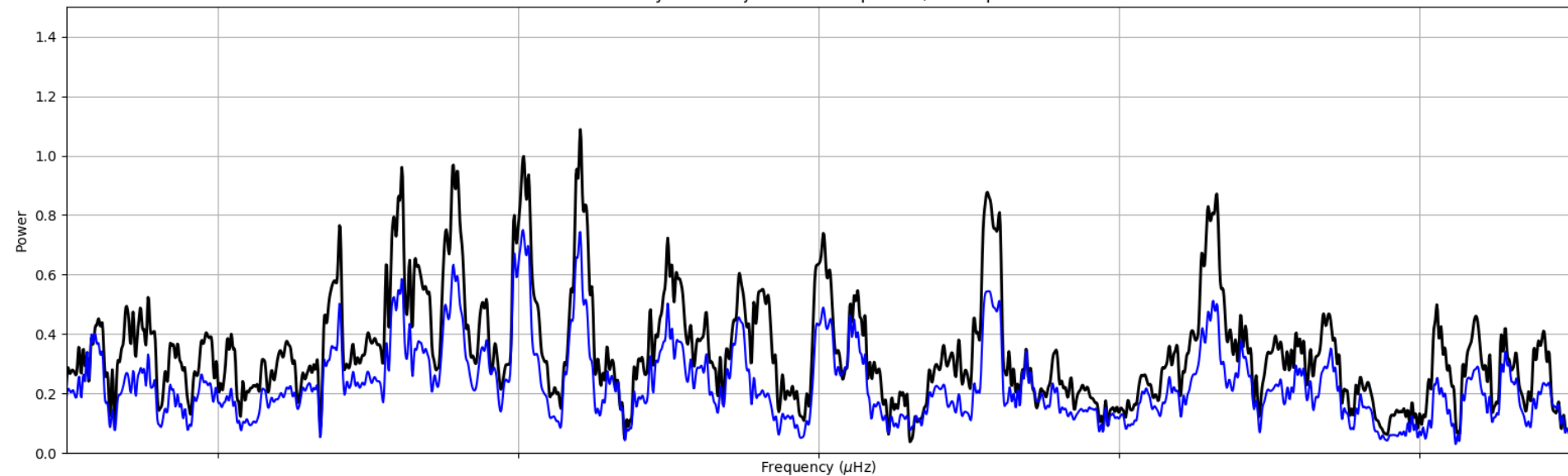
Long period modes update

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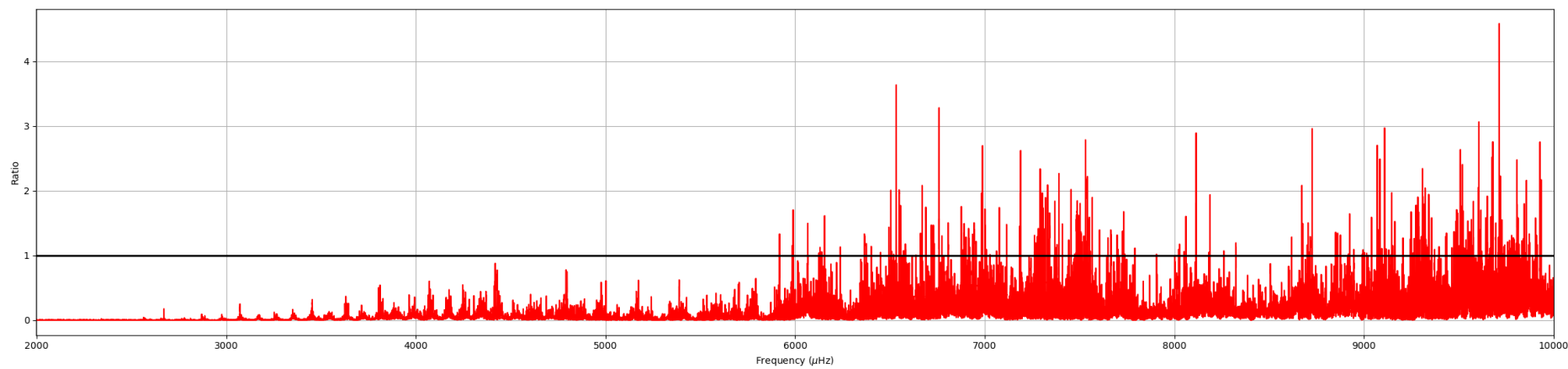
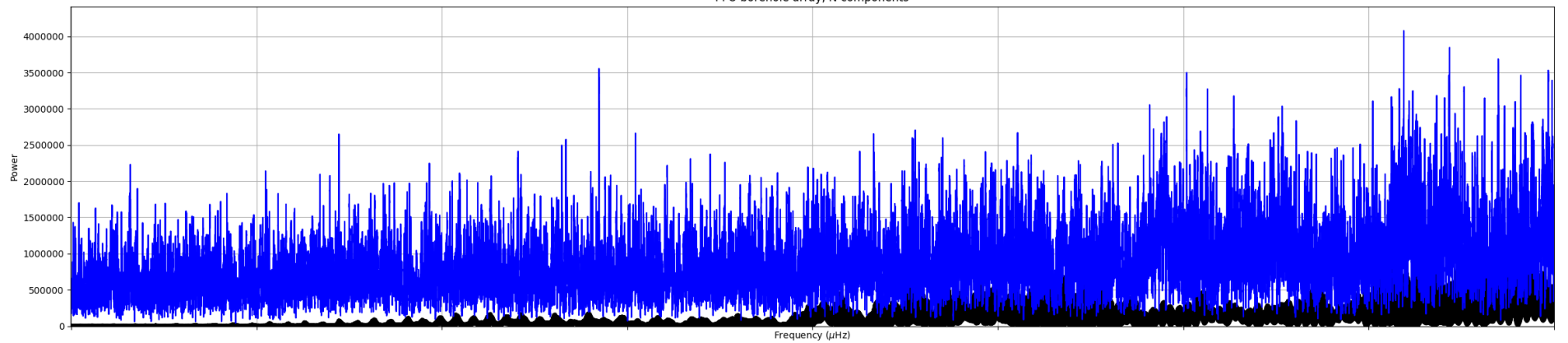
Homestake stack vs jackknife comparison, Z components

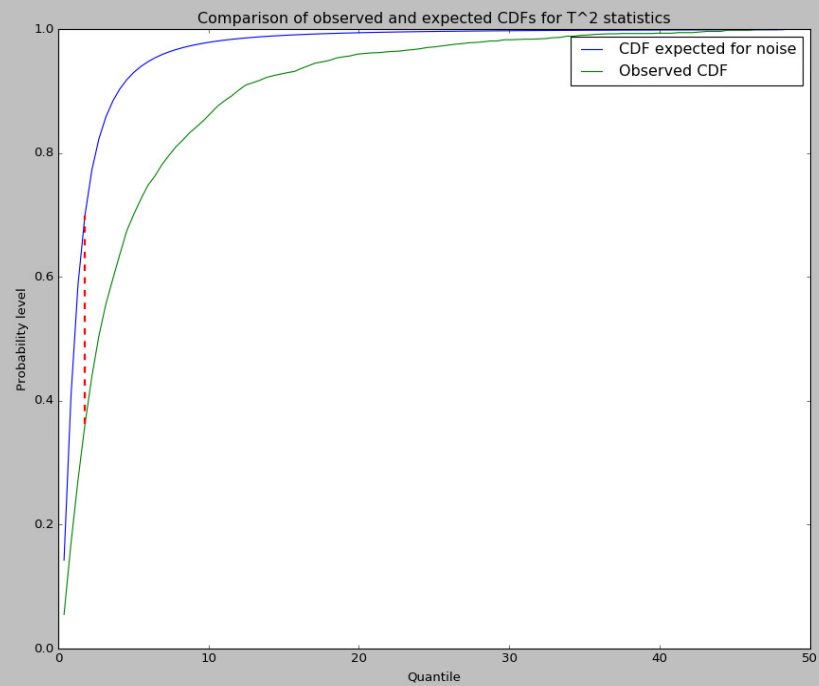
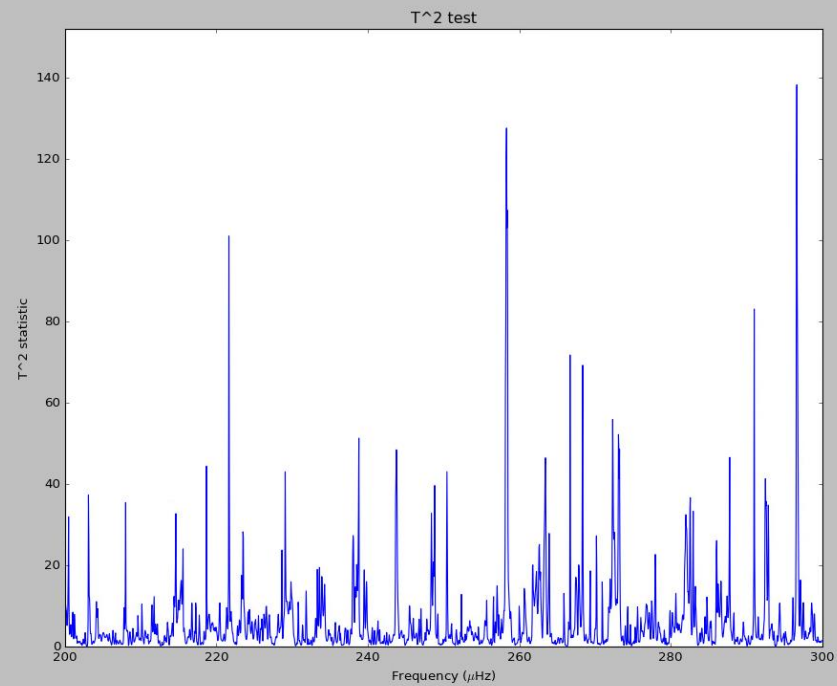


PFO array stack vs jackknife comparison, Z components



PFO borehole array, N components





Component	100-200	200-300	300-400	400-500	500-600	600-700
Z	76.413534	83.897183	54.907038	51.389124	40.521344	14.122385
N	30.139990	45.317747	40.381889	25.870192	8.084310	1.264305
E	43.393137	43.686450	43.361173	40.948764	14.984506	5.132278

Table 1: D-statistics in various bands in HS spectrum, comparing to noise.

Component	100-200	200-300	300-400	400-500	500-600
Z	65.882599	75.027554	42.893702	39.111183	27.499745
N	35.955175	49.274026	42.145134	28.503509	8.880846
E	38.520330	39.992311	36.831452	34.888370	10.454717

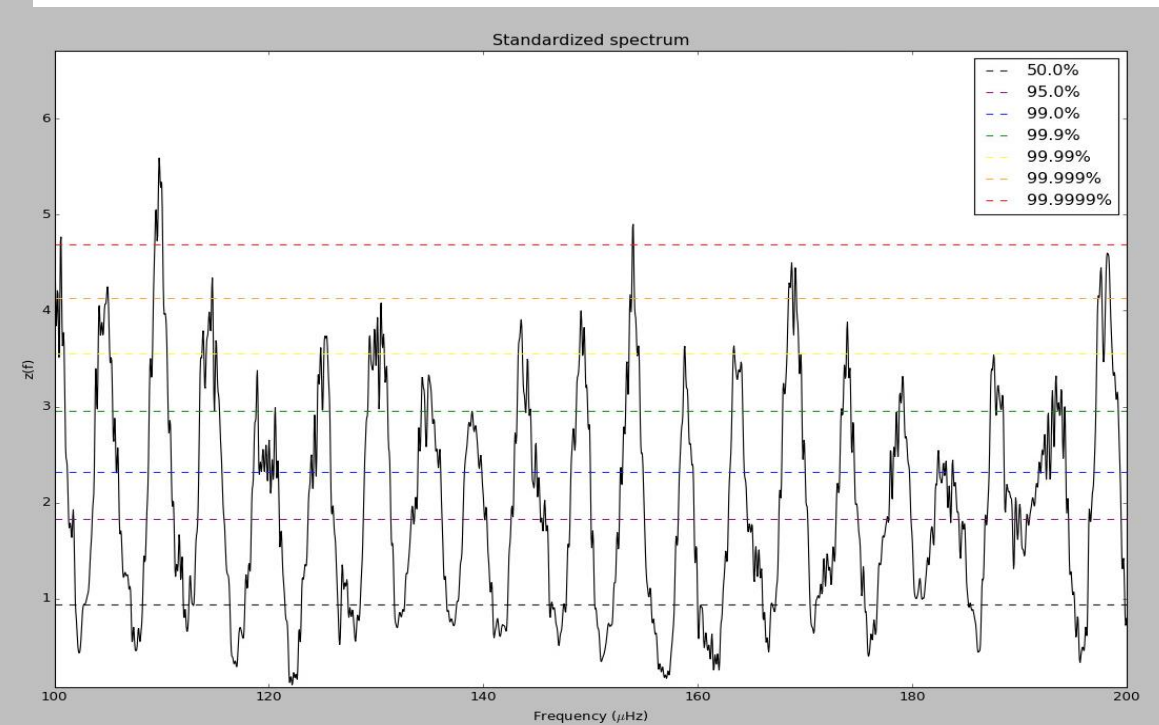
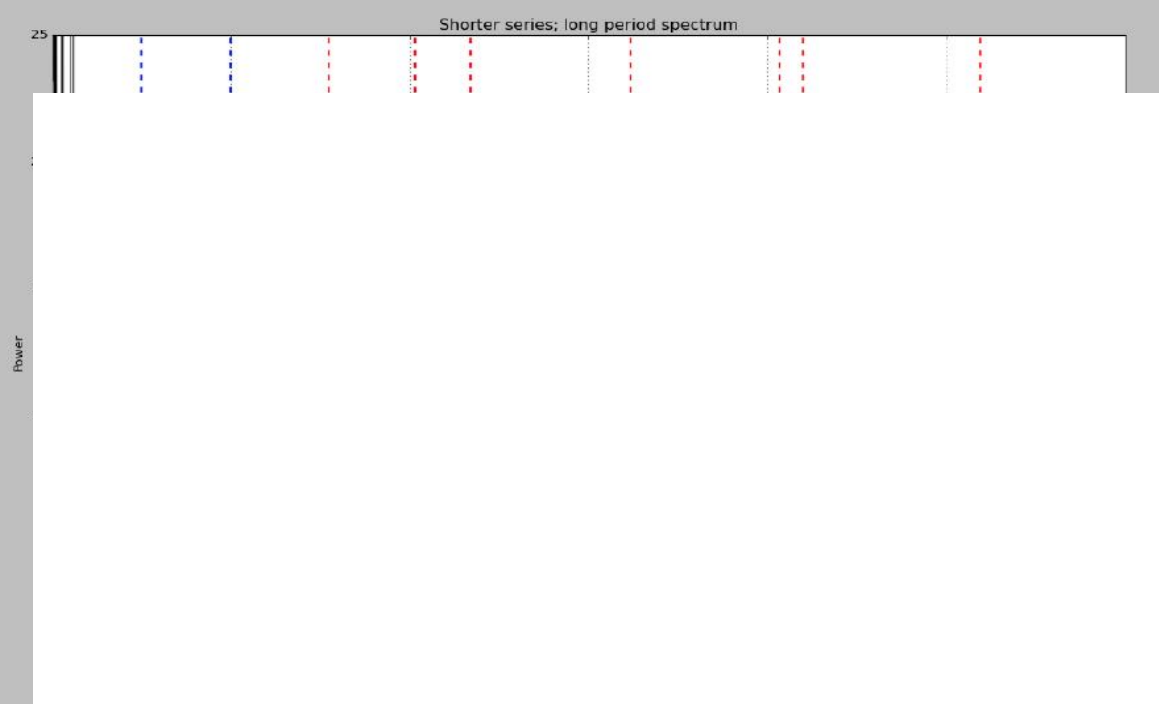
Table 2: D-statistics in various bands in HS spectrum, compared to 600-700 μ Hz.

Component	100-200	200-300	300-400	400-500	500-600	600-700
Z	23.575006	21.570204	18.363459	18.556343	18.503240	18.675084
N	11.290147	11.992236	8.066796	14.276036	14.291986	12.317170
E	21.632052	20.207572	15.514492	11.187227	10.104203	12.052720

Table 3: Same as table 1, but for PFO array.

Component	100-200	200-300	300-400	400-500	500-600
Z	4.393385	1.195015	2.101878	3.120564	6.770263
N	0.411311	1.757101	2.598918	7.776770	6.659698
E	16.262294	14.270795	7.806959	7.872848	5.543120

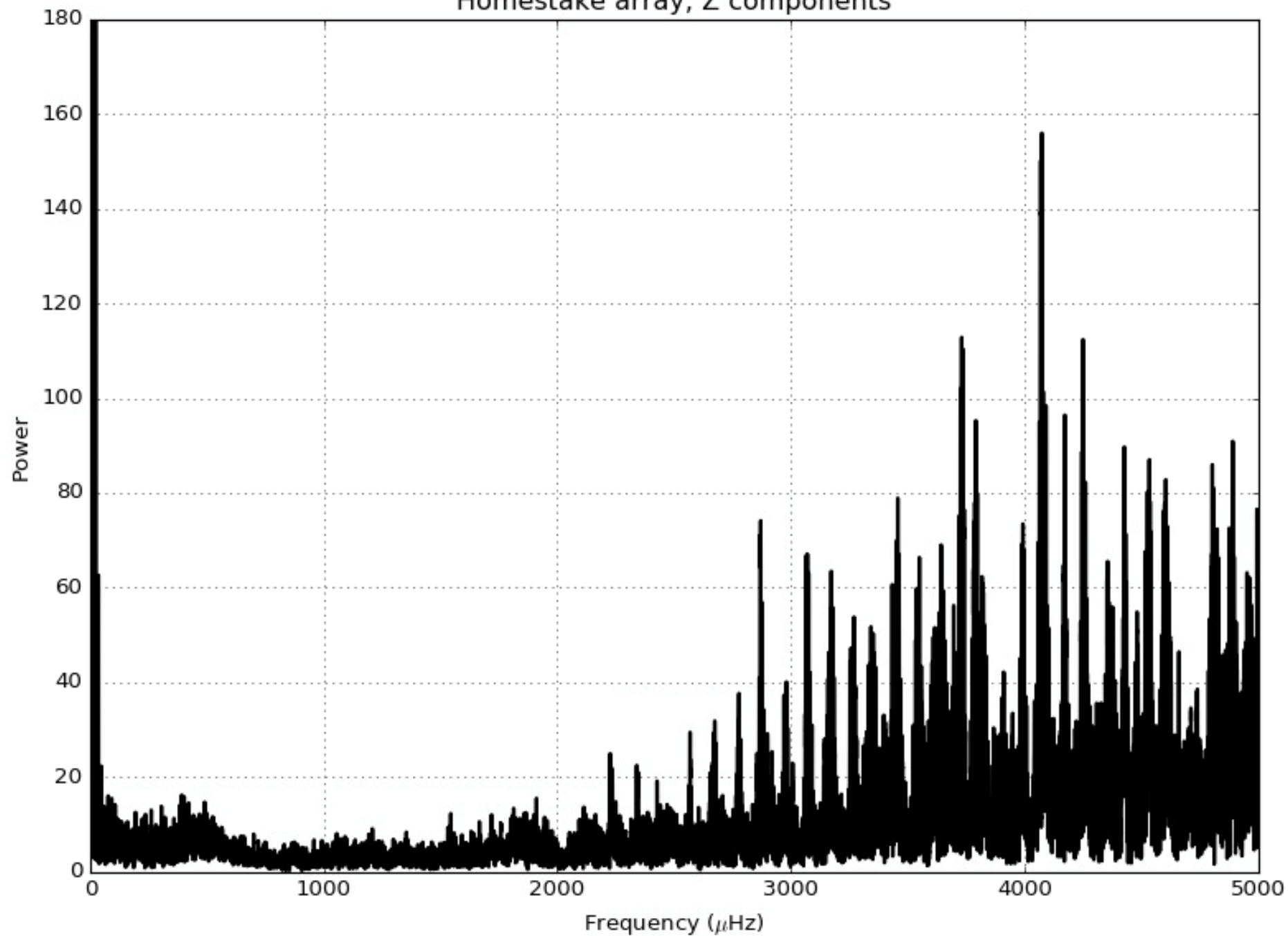
Table 4: Same as table 2, but for PFO array.



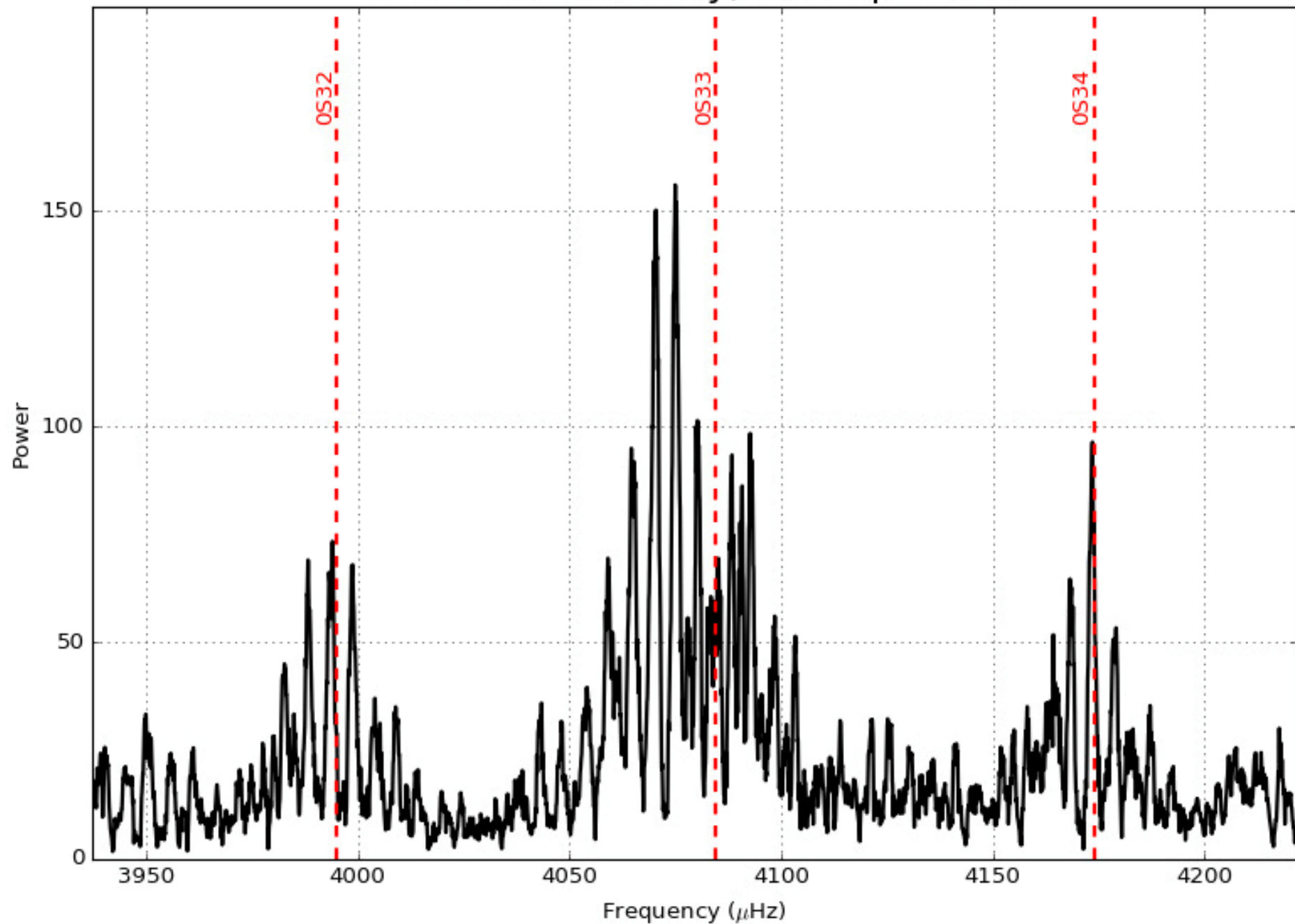
Processing steps

- Time-domain standardization
- Transient filter
- Linear detrend
- AR prewhitening filter

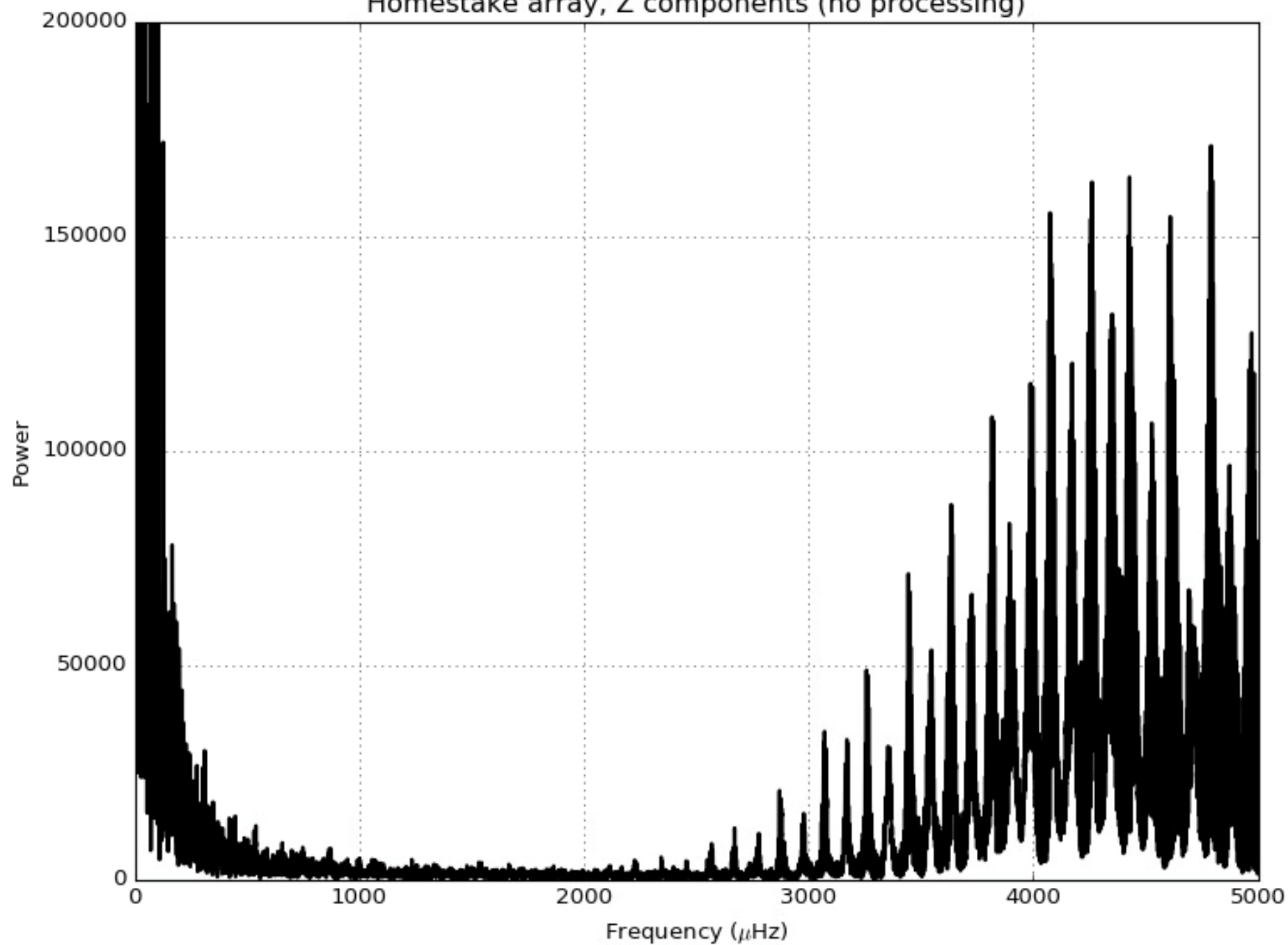
Homestake array, Z components



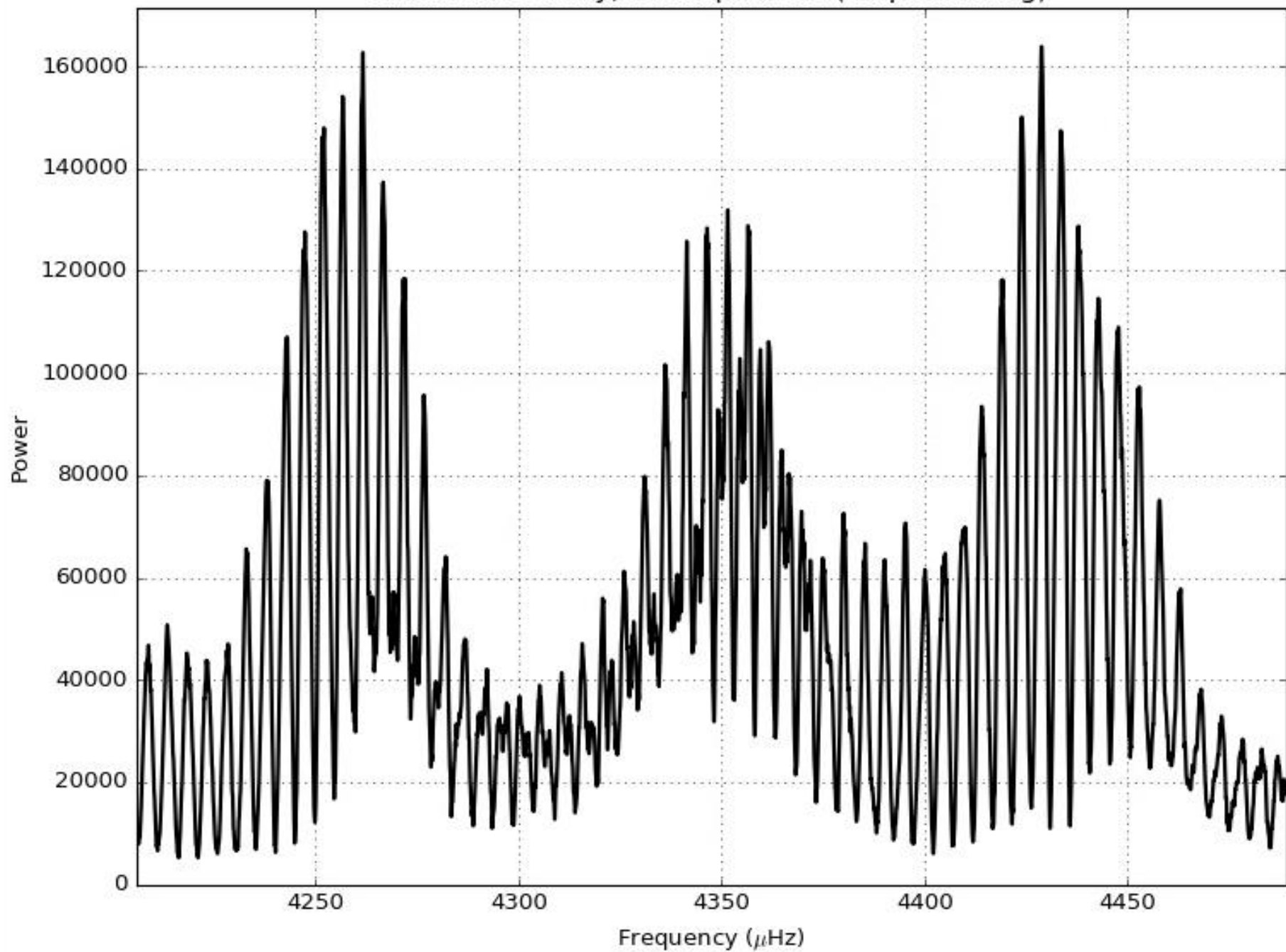
PFO borehole array, Z components



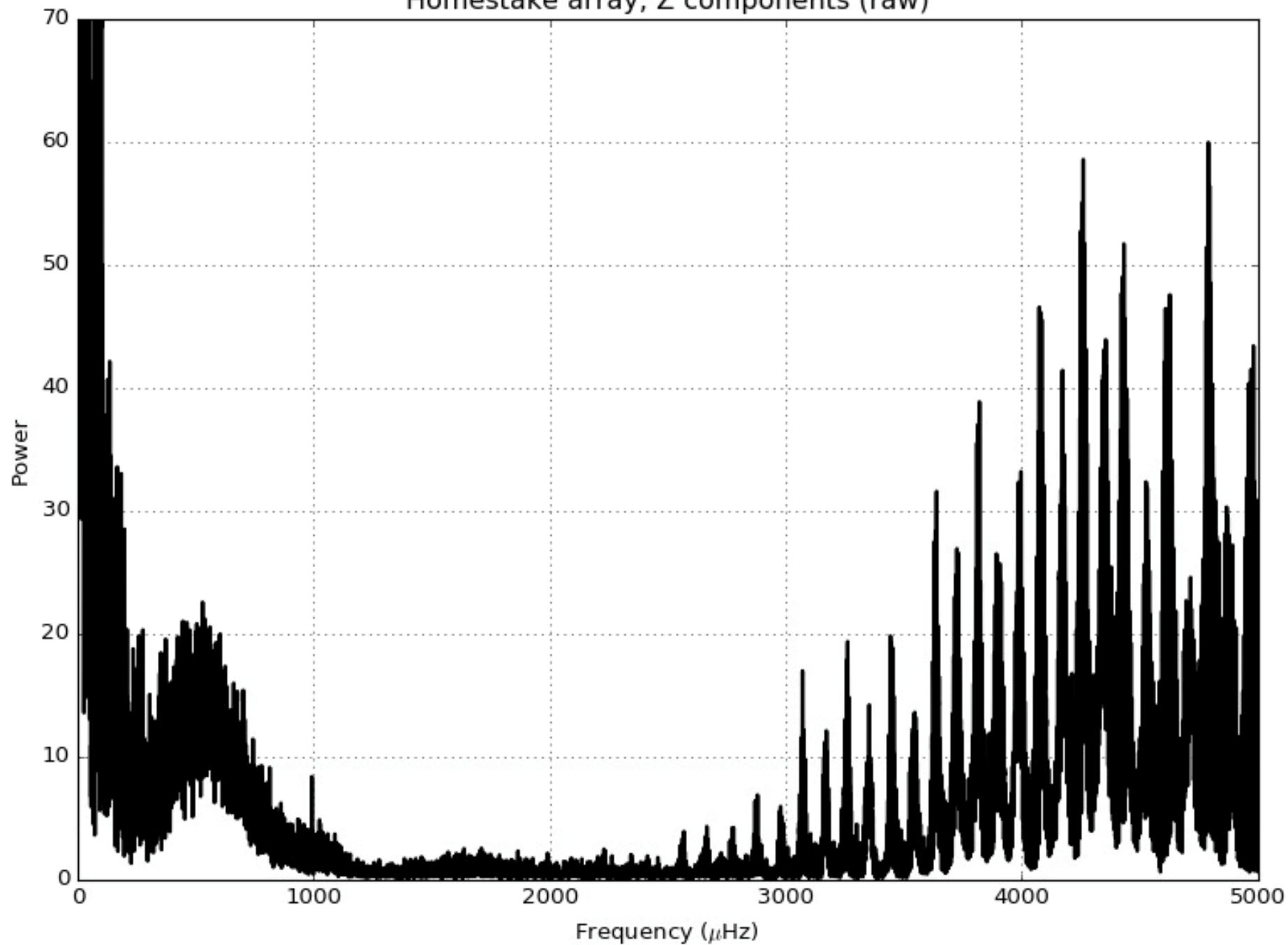
Homestake array, Z components (no processing)



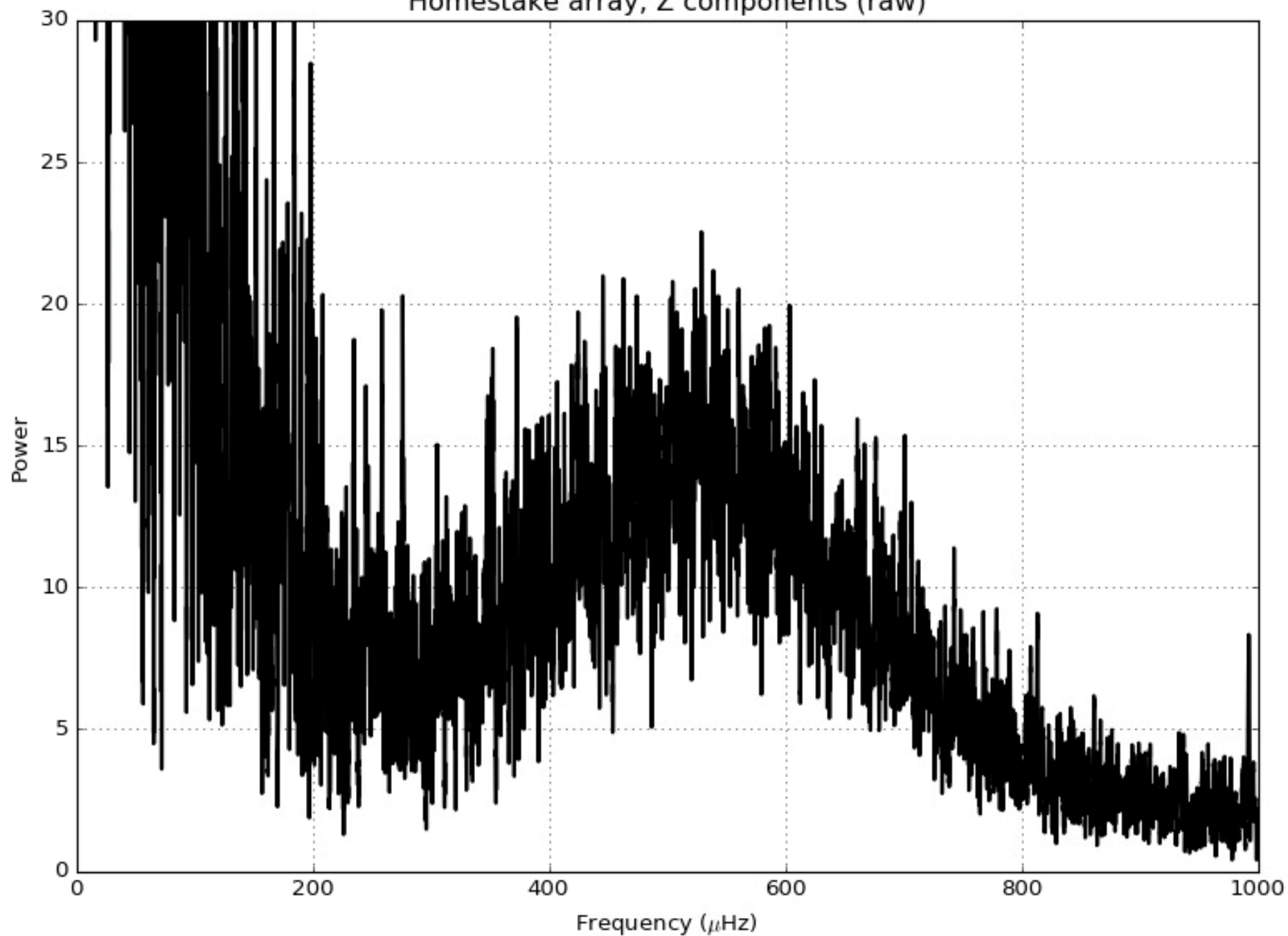
Homestake array, Z components (no processing)



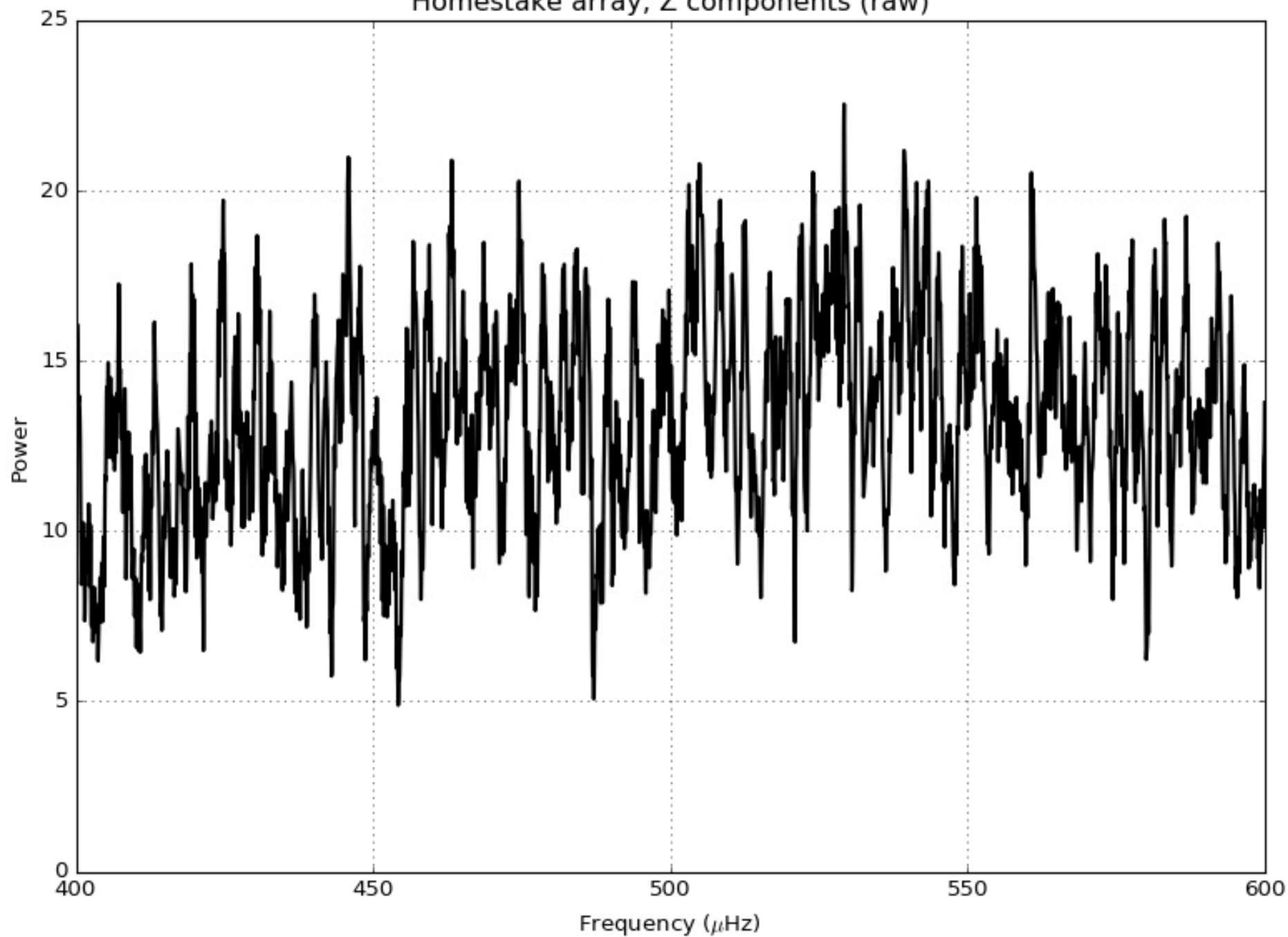
Homestake array, Z components (raw)



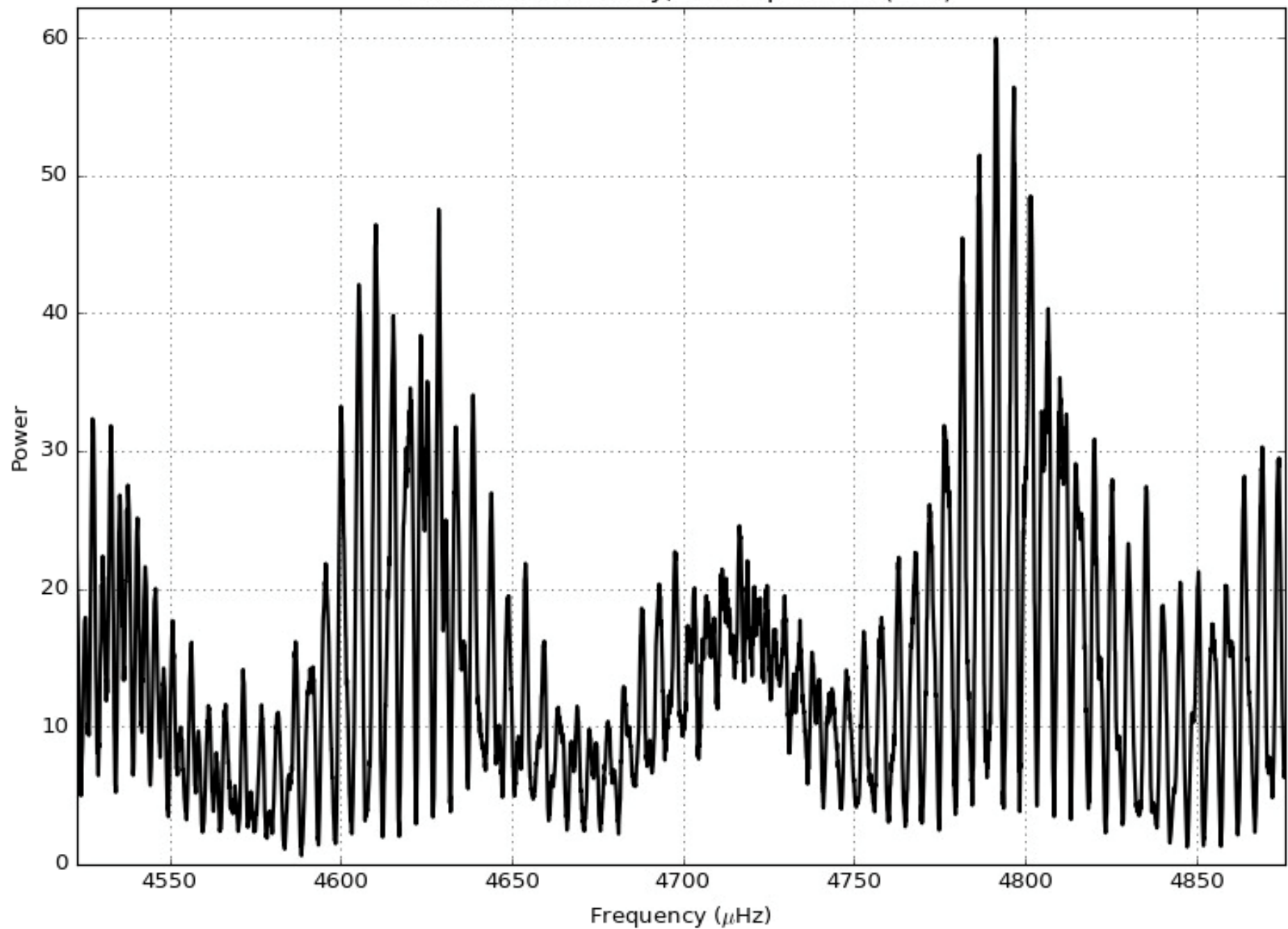
Homestake array, Z components (raw)



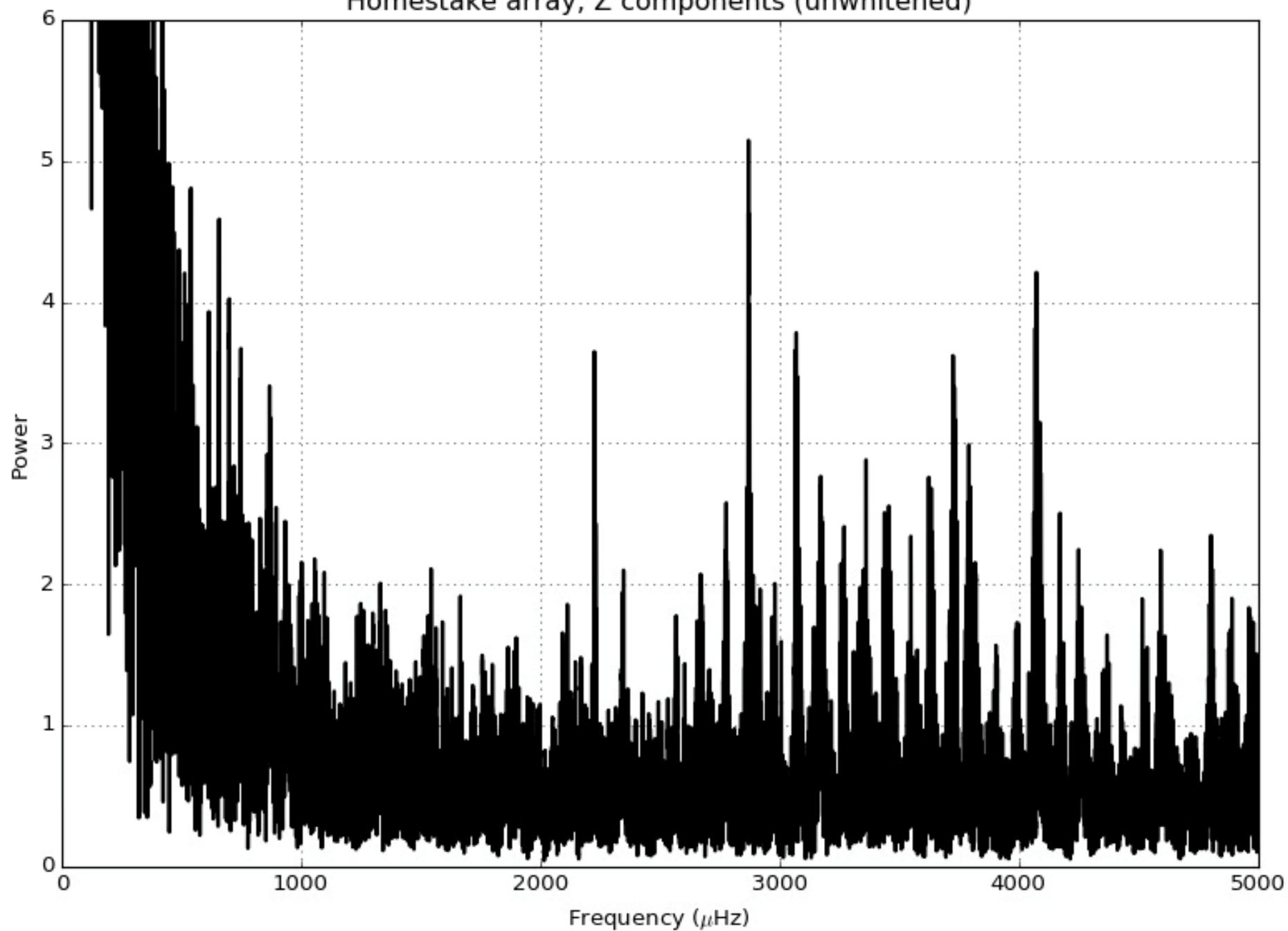
Homestake array, Z components (raw)



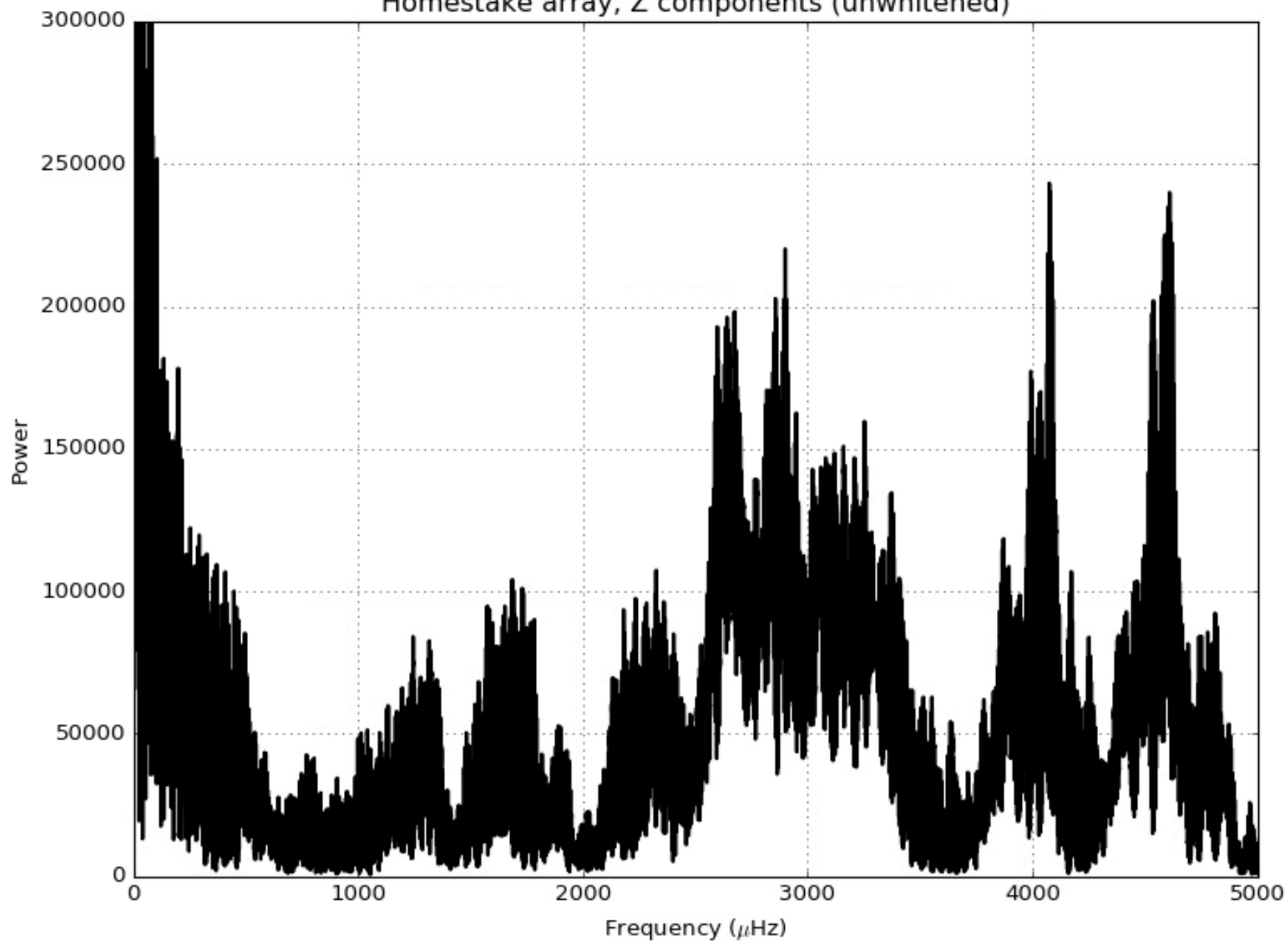
PFO borehole array, Z components (raw)



Homestake array, Z components (unwhitened)



Homestake array, Z components (unwhitened)



Homestake array, Z components (unwhitened)

