

origin_time	region	magnitude	distance	depth	lat	lon	backazimuth	0.0600Hz	0.1100Hz	0.1600Hz
2020-02-13T10:33:44.930000Z	2	6.7	8835.393356	150.115	45.5278	148.8407	28.7440118	0.916058074	0.972660479	1.018835185
2020-03-14T10:01:16.900000Z	6	6.17	17653.304	14	-27.6849	-175.7042	17.0988663	1.004236801	0.92773883	1.057671905
2020-03-25T02:49:19.890000Z	2	6.93	8782.219501	49.9003	48.8497	157.756	21.73525726	0.848231116	0.902851979	0.920394392
2020-04-18T08:25:37.640000Z	2	6.2	10242.42499	471.2495	27.0745	140.1483	43.85121853	1.044382315	1.045455773	1.142916393
2020-05-02T12:51:05.870000Z	1	6.43	1964.844686	13.4682	34.1862	25.768	136.8856534	1.015539567	1.14967867	1.259002097
2020-06-03T07:35:35.630000Z	4	6.53	11163.27798	108.8957	-23.2056	-68.2938	247.0082019	1.095720626	1.160024995	1.229385638
2020-06-13T15:51:23.730000Z	2	6.05	9426.098239	165.2356	28.8606	128.2944	51.53718809	1.005459455	1.060898317	1.268038629
2020-06-18T12:49:55.870000Z	6	6.86	18195.86157	19.7996	-33.3665	-177.8396	27.68923158	1.018243191	1.023106281	1.072528162
2020-06-23T15:29:02.870000Z	4	6.53	9942.982648	12.026	15.8234	-96.0304	293.3798638	0.951233499	0.987428326	1.120680475
2020-07-17T02:50:22.760000Z	2	6.73	13969.67023	85.2231	-7.9502	147.7449	56.81755428	0.990954023	1.046463815	1.175856498
2020-07-22T06:12:43.490000Z	4	6.9	8530.125726	22.5084	55.0056	-158.5615	354.0275349	0.861483918	0.89745646	0.974559585
2020-07-22T20:07:18.730000Z	2	6.2	6341.853307	10	33.0824	86.8385	75.53479297	0.886341548	1.038501658	1.160918886
2020-08-18T00:03:48.620000Z	2	6.38	10647.93962	10.9602	12.0113	124.1352	64.79796564	0.952180314	0.992294898	1.183169674
2020-08-18T22:23:58.660000Z	2	6.11	10354.63799	14.7608	-4.2926	101.1709	92.78474874	0.921243124	1.009639257	1.086428008
2020-09-06T01:16:58.770000Z	4	6.09	11967.75774	32.03	-30.3403	-71.635	244.2522271	1.058002708	1.099490235	1.220010698
2020-09-06T06:51:18.630000Z	7	6.18	6394.08329	11.8515	7.63	-37.2557	241.8101561	1.329150081	1.307604335	1.331258051
2020-09-18T21:43:57.410000Z	7	6.24	6392.906331	4.213	0.8908	-26.8973	227.1891838	1.058426813	1.078167686	1.177496456
2020-10-01T01:13:36.620000Z	6	6.43	16793.89037	35.9982	-19.5564	-174.131	10.46947699	0.895342393	0.872702071	1.106022472
2020-10-19T20:54:39.700000Z	4	6.97	8581.787959	32.8835	54.6127	-159.6792	354.6388567	0.901784145	1.010990156	1.06068856
2020-10-30T11:51:27.320000Z	1	6.44	1694.19971	16.1035	37.9051	26.7559	126.5592675	1.060765321	1.141931134	1.384901605
2020-12-20T17:23:23.130000Z	2	6.02	9051.146469	44.5278	40.7931	142.6069	35.09078947	0.892711947	0.974734985	1.228588111
2021-01-11T21:32:59.410000Z	2	6.21	6027.635147	9.7635	51.2709	100.4573	50.60990813	0.927389423	0.930114832	0.958437721
2021-01-19T02:46:21.200000Z	4	6.47	11908.51531	18.6165	-31.849	-68.9185	241.3933925	1.008651431	1.025222261	1.084469759
2021-01-21T12:23:05.760000Z	2	6.54	11489.25203	106.6941	4.9506	127.4715	66.5469318	0.919039175	1.075571898	1.311487952
2021-02-10T13:19:57.990000Z	6	6.45	16711.72865	13.3961	-22.9134	171.642	38.36844554	0.866612663	0.94664405	1.197003256
2021-03-04T13:27:36.950000Z	6	6.78	18475.90068	21.4068	-37.4145	179.4138	42.55046494	1.018618822	1.114703381	1.281764814
2021-03-04T17:41:23.890000Z	6	6.59	17813.02228	40.2459	-29.6892	-177.8138	23.64435571	0.991325986	1.23030044	1.928596857
2021-03-04T19:28:34.630000Z	6	6.92	17807.59857	20.1267	-29.4424	-177.0912	21.67621162	0.995191412	1.093831925	1.132945626
2021-03-04T23:12:59.130000Z	6	6.03	17724.57998	19.7516	-28.5487	-176.6232	19.85572352	1.013526302	1.033508822	1.117069617
2021-03-16T18:38:22.390000Z	2	6.37	8305.152079	20.274	54.6842	163.1453	16.4294052	0.95112869	1.025666418	1.138714845
2021-03-20T09:09:45.570000Z	2	6.46	9225.7718	53.4561	38.4691	141.5253	37.00570425	1.002259225	1.145501887	1.191333389
2021-04-01T09:56:37.550000Z	6	6.24	17852.71763	19.6027	-29.9863	-177.5318	23.22377957	1.008314957	1.111244809	1.17362556

2021-04-28T02:21:25.880000Z	2	6.21	7210.394426	39.3142	26.7786	92.4554	77.24004997	0.939394542	0.991739341	1.209047956
2021-05-01T01:27:26.730000Z	2	6.24	9260.750796	46.8746	38.1721	141.6741	37.05735454	1.013683364	1.092041333	1.143480753
2021-05-13T23:58:13.580000Z	2	6.03	9307.250047	33.4508	37.7154	141.7393	37.24684438	0.978929645	1.101301519	1.19927209
2021-05-21T18:04:13.390000Z	2	6.33	7045.70868	5.3818	34.5574	98.3478	67.07525773	0.834791056	0.924905877	1.118662044
2021-07-23T20:48:57.870000Z	2	6.44	10268.79943	120.8674	13.6878	120.6777	66.39673747	1.010535008	1.197149016	1.468074376
2021-07-29T06:15:47.490000Z	4	7.04	8477.130424	21.9942	55.4449	-157.997	353.7548502	0.849597299	0.917042569	0.997280982
2021-08-11T17:46:13.750000Z	2	6.34	11309.00842	58.766	6.4185	126.7044	66.24397539	0.919862042	1.013268423	1.082185685
2021-08-12T18:32:52.380000Z	7	6.1	12195.83783	28.1493	-57.6748	-24.928	199.7080216	1.109674569	1.092525381	0.953355617
2021-08-14T11:57:43.690000Z	4	6.28	8502.784335	20.8036	55.1905	-157.7016	353.5493345	0.917418326	0.991055897	1.047782621
2021-08-16T11:10:36.800000Z	7	6.28	12237.54832	16.0428	-58.4207	-23.5406	198.6638343	0.968737539	1.006722851	1.046463848
2021-08-17T17:53:27.430000Z	7	6.09	12252.67698	35.5921	-58.0994	-25.4851	199.8027759	1.009669723	1.083703766	1.272312383
2021-08-18T10:10:04.990000Z	6	6.28	15707.34077	100.4932	-14.9208	167.1099	38.9610341	0.963378917	1.048117297	1.0297671
2021-08-22T00:45:08.110000Z	7	6.33	12432.60383	8	-60.1538	-24.3591	198.3023773	1.122842908	1.085335905	1.143181295
2021-08-22T21:33:19.790000Z	7	6.47	12461.93928	6	-60.2852	-25.0425	198.5752469	1.035934928	1.043551322	1.048133049
2021-08-31T02:52:49.610000Z	6	6.15	17860.85473	14.7719	-29.9986	-177.296	22.65338078	0.956363581	1.023161086	1.07215809
2021-09-05T17:51:46.050000Z	6	6.02	17057.77012	19.663	-22.031	-174.6367	12.20053079	1.103420453	1.090984743	1.00580042
2021-09-08T01:47:46.340000Z	4	6.16	10109.38983	18.7294	16.8717	-99.839	296.875213	1.031275424	1.151476927	1.287904301
2021-09-20T20:25:27.020000Z	2	6.03	8879.718643	40.0692	46.3299	152.471	26.081415	0.913290721	0.929738593	1.103458471
2021-10-11T09:10:24.250000Z	4	6.81	8364.454428	59.0671	56.3643	-156.6725	353.1240552	0.90346264	1.032530465	1.083785043
2021-10-12T09:24:04.460000Z	1	6.17	1916.528525	19.1894	35.0813	26.4036	133.751472	1.110682689	1.254298398	1.480518657
2021-10-15T02:44:59.530000Z	2	6.26	14681.59459	34.9812	-8.8932	158.471	45.86859854	0.993258882	1.151167671	1.326624107
2021-11-10T15:45:13.550000Z	2	6.31	9789.916218	14.2762	23.5266	126.4819	56.03287322	0.904093013	0.896272191	1.133517931
2021-11-14T12:08:38.190000Z	7	6.25	4471.285675	12.3058	27.6631	56.1915	104.043858	1.161678228	1.156252759	1.368519568
2021-11-28T10:52:13.970000Z	4	6.72	10238.18851	118.5109	-4.5018	-76.8199	265.7380351	1.08325118	1.192269613	1.353782073
2021-11-29T12:40:45.840000Z	2	6.38	9972.119664	19.3769	31.0949	142.4151	40.1063911	1.015207004	1.035282697	1.347479482
2021-12-14T03:20:23.870000Z	2	6.35	12190.59431	14.2365	-7.6189	122.2764	79.0431212	0.791248806	0.946146687	1.099984069
2021-12-29T18:25:53.220000Z	2	6.77	12572.021	177.5991	-7.5822	127.5841	74.74829046	0.933835014	0.919242933	0.983551216
2022-01-07T17:45:30.540000Z	2	6.18	7009.752344	7.7431	37.7972	101.3576	62.55898476	0.851021412	0.862920131	1.099536256
2022-01-11T01:07:48.130000Z	1	6.26	2234.413606	22.0477	35.1704	31.9606	122.6223422	0.931243176	0.886862208	1.167803646
2022-01-11T11:35:45.530000Z	4	6.29	8854.196713	19.5703	52.4445	-167.7455	359.3931695	0.939771944	0.968916644	1.142498303
2022-01-14T09:05:42.540000Z	2	6.24	10872.58278	43.0807	-6.8103	105.3612	91.36128414	0.890929322	0.987926712	1.08864152
2022-01-21T16:08:37.210000Z	2	6.31	9290.820017	44.3282	32.6787	131.9812	46.71674679	0.947616419	0.980542544	1.147733716
2022-04-21T07:42:46.120000Z	4	6.08	9660.406096	31.843	11.5762	-86.95	283.9259814	0.648557832	0.708756029	1.081115875

2022-06-04T23:38:12.250000Z	2	6.08	8831.975098	108.6061	52.0343	178.282	8.09166584	0.877492935	0.996349257	1.08540745
2022-07-01T21:32:07.640000Z	7	6.03	4467.571829	13.0062	26.8158	55.2408	105.8959094	0.961859567	0.983285249	1.098233507
2022-07-01T23:25:14.500000Z	7	6.04	4474.91124	13.453	26.7989	55.3252	105.8335334	1.022729144	1.041922661	1.096030754
2022-07-08T23:36:09.900000Z	2	6.11	11385.09684	21.1547	18.7976	146.9699	42.48772543	0.951244333	1.005986881	1.093496344
2022-07-12T19:17:00.430000Z	4	6.28	14472.24442	19	-22.6453	-114.3157	281.0429825	1.016755558	1.003198511	1.048019146
2022-07-27T00:43:26.060000Z	2	6.31	9944.335824	22.4964	17.5453	120.7842	63.90219541	0.928490737	1.050662397	1.321793554
2022-08-14T13:44:19.980000Z	6	6.07	18090.99703	29.2716	-32.7346	-178.9605	29.83933245	0.983331522	1.018789063	1.124430111
2022-08-23T14:31:41.300000Z	2	6.25	10561.03123	57.2535	-5.0808	103.0771	91.89494528	0.919101222	0.985286037	1.024649822
2022-09-05T04:52:20.140000Z	2	6.09	7690.273843	11.0757	29.6074	102.2606	68.53516062	0.947952465	0.902573539	0.988630371
2022-09-10T23:47:00.870000Z	2	7.02	13744.67919	112.9477	-6.3134	146.5328	56.91018113	1.001170435	1.138437777	1.461321791
2022-09-17T13:41:19.180000Z	2	6.05	9503.695797	11.2619	23.0566	121.2979	60.076078	0.905978516	0.899269123	1.105034499
2022-09-18T06:44:15.790000Z	2	6.29	9498.437916	10.7648	23.134	121.3197	60.01184676	0.920103733	0.996579263	1.205551914
2022-09-19T18:05:07.760000Z	4	6.45	10191.09084	14.6128	18.3923	-103.1203	300.2714599	0.848494855	0.915030036	1.194045883
2022-09-22T06:16:08.590000Z	4	6.03	10194.32532	19.5372	18.2516	-102.9784	300.0793656	0.976479467	1.082742943	1.102438535
2022-10-16T12:48:21.230000Z	4	6.11	10313.51894	10	4.3079	-87.6331	279.6564633	1.048826824	1.157542767	1.292586814
2022-10-25T14:59:02.790000Z	2	6.19	9929.952281	20.5734	17.7561	120.8404	63.72868421	0.905923715	1.059812397	1.219561371
2022-11-11T10:48:46.810000Z	6	6.86	16777.16117	34.6166	-19.2083	-172.1818	6.660592383	0.922163147	1.029535673	1.334026084
2022-11-22T02:03:08.290000Z	2	6.57	14829.51581	16.2655	-9.7702	159.6586	45.04563217	0.99336305	1.049590304	1.322450851
2022-12-04T19:24:16.080000Z	6	6.43	16347.64008	36.5159	-15.3874	-173.0724	7.652847917	0.970806925	1.051012736	1.371296052
2022-12-13T14:25:18.190000Z	2	6.05	9620.182447	20.2985	27.5182	129.5705	51.42267094	0.9951146	1.139565707	1.318505715
2023-01-09T17:47:35.740000Z	2	7	12713.65257	112.3885	-7.1327	130.1012	72.34888465	1.062574516	1.298589418	1.503900658
2023-01-18T06:06:13.870000Z	2	6.59	11648.54249	45.8066	2.767	127.028	68.28893188	0.999328811	1.116964313	1.317968466
2023-02-06T01:17:35.080000Z	1	6.49	2421.539293	9.0088	37.2186	37.0726	110.5783648	1.069912667	1.3223528	1.736717881
2023-02-06T10:24:48.820000Z	1	6.62	2375.611728	8.3439	38.0134	37.1833	108.7205448	1.015294382	1.099392191	1.26448651
2023-02-20T17:04:29.970000Z	1	6.05	2418.51486	13.5146	36.1571	35.9335	114.3543229	1.057998486	1.24171057	1.448693568
2023-03-16T00:56:02.210000Z	6	6.38	17909.67195	20.8141	-30.1647	-176.1426	19.89797817	0.969754731	0.988733612	1.119213942
2023-03-21T16:47:24.000000Z	2	6.42	4956.302706	195.4632	36.504	70.9839	82.17599191	1.070711002	1.133412977	1.185074994
2023-04-02T18:04:11.340000Z	2	6.61	13351.58432	73.2509	-4.2872	143.2187	58.76092488	1.096398225	1.120943256	1.322684532
2023-04-03T03:06:57.310000Z	2	6.19	8403.597316	102.2671	52.7052	158.4806	19.82324767	0.847780497	0.917608434	1.07117195
2023-04-04T12:54:34.070000Z	2	6.09	10593.44585	17.6255	13.7562	125.602	62.59392803	0.935745156	1.106078878	1.21063932
2023-04-04T22:18:11.110000Z	4	6.03	9658.295299	6.0121	7.5351	-82.3504	277.8544245	1.201105961	1.173126774	1.235455976
2023-04-24T00:41:56.760000Z	6	6.68	17844.74623	49.6301	-29.9745	-177.7586	23.76912078	1.020350796	1.068344229	1.144533933
2023-04-24T20:00:57.160000Z	7	6.31	9878.662969	29.3164	-0.9203	98.4985	92.5310828	0.720663258	0.752621158	0.800888859

2023-05-05T05:42:05.080000Z	2	6.08	9120.333853	12.5894	37.5102	137.3144	40.35588848	0.963185457	1.051096216	1.167905121
2023-05-20T01:51:00.040000Z	6	6.66	16670.63442	26.6181	-23.0019	170.5845	40.18047898	1.004527065	0.826719924	1.061493751
2023-06-11T09:54:44.880000Z	2	6.1	8855.551947	121	42.5268	141.9005	34.65624486	1.000929405	1.017398847	1.073274531
2023-06-25T07:16:58.000000Z	6	6.2	17290.45395	10	-24.2	-174.9	13.55235039	0.929309817	0.930089661	1.045158963
2023-07-10T20:28:25.000000Z	4	6.6	7076.460988	14	20.044	-61.083	271.1592581	1.065000878	1.215038835	1.300613177
2023-07-14T09:28:59.000000Z	4	6.3	9881.716161	13.4	14.9	-94	291.2875146	0.934357593	1.001883175	1.064138126
2023-07-16T06:48:21.150000Z	4	6.5	8613.256018	25	54.3926	-160.762	355.2576471	0.917939898	1.014598796	0.945023889
2023-07-19T00:22:07.000000Z	4	6.5	9642.317284	51	12.814	-88.127	285.6062088	0.992499528	1.053662378	1.006683784
2023-08-08T18:38:54.180000Z	6	6.4	16326.73673	42	-15.2082	-173.1883	7.824964659	0.980965161	1.140598297	1.21256173
2023-08-11T00:14:35.120000Z	2	6.05	9026.31927	42.6	41.132	142.786	34.79983658	1.000247375	0.951957439	1.07913129
2023-08-14T11:12:22.470000Z	7	6.08	8685.022618	10	9.4	93.829	89.07018259	1.146492171	1.1046939	1.159437006
2023-09-06T23:48:04.630000Z	4	6.7	11952.19003	36	-30.2737	-71.4817	244.2008002	1.115946731	1.177503316	1.2351289
2023-09-08T22:11:01.400000Z	1	6.6	2526.012038	19	31.058	-8.3847	228.396892	1.018702434	1.094636168	1.328816381
2023-09-12T11:03:17.240000Z	2	6.4	9828.368607	31.11	19.2355	121.2293	62.51714781	0.869748143	1.001593433	1.180733883
2023-10-07T09:40:32.780000Z	2	7.46	4415.440255	11	34.9209	62.333	90.12582214	1.073034137	1.030783691	1.154748655
2023-10-11T00:41:55.900000Z	2	6.3	4419.33999	8	34.5364	62.0509	90.82528657	0.889146948	0.932068202	1.082794848
2023-10-15T03:36:01.800000Z	2	6.41	4424.40963	10	34.589	62.165	90.67259455	0.88889677	0.96455029	1.108129816
2023-10-31T12:33:43.730000Z	4	6.3	11835.14902	34	-28.7431	-71.5573	245.3602508	1.180530329	1.193575075	1.308789387
2023-11-08T04:52:56.500000Z	2	6.36	12613.39576	36	-6.27	129.72	72.06597118	0.931455851	1.04339569	1.314404449
2023-11-08T13:02:06.110000Z	2	6.4	12612.45139	10	-6.131	129.8738	71.84134393	1.113692095	1.216465313	1.277782283
2023-11-17T08:14:12.050000Z	2	6.88	11263.33923	68.2	5.703	125.131	67.94764953	1.020757464	1.163378589	1.397139946
2023-11-24T09:05:03.890000Z	2	6.5	11182.34216	22.163	20.1319	145.5195	43.05899988	1.002560322	0.98352274	1.049020433
2023-11-27T21:46:42.180000Z	2	6.3	13336.83735	10	-3.5605	144.0313	57.51692984	1.004103472	1.083796214	1.087588834
2023-12-07T12:55:51.100000Z	6	6.8	15958.47907	33	-12.3292	-176.9708	13.52657961	0.863166116	0.940998537	1.06826255
2023-12-28T09:15:16.130000Z	2	6.3	8934.6531	31	44.596	149.0388	29.04819797	0.946973444	1.066396662	1.202392621
2024-01-01T07:10:09.470000Z	2	6.9	9120.364081	10	37.4874	137.271	40.39754412	0.913440642	1.034654657	1.194845264
2024-01-08T20:48:42.360000Z	2	6.4	11401.66237	62.574	4.9225	126.1575	67.62130459	0.974455259	1.128466711	1.318876878
2024-01-09T08:59:10.140000Z	2	6.1	9109.846274	10	37.8629	137.7814	39.84973247	1.003016244	1.107435334	1.129346668
2024-01-11T09:20:26.260000Z	2	6.01	4937.518439	201.2	36.463	70.694	82.4135091	1.093465054	1.179808263	1.195004408
2024-01-22T18:09:04.340000Z	2	6.6	5221.226896	13	41.2555	78.6538	72.05023807	0.83160567	0.911630109	1.067527995
2024-03-14T21:29:15.630000Z	7	6.17	4992.184458	19	29.711	-42.777	266.0757077	1.153592892	1.289778653	1.410118751
2024-03-23T20:22:04.340000Z	2	6.6	13331.87663	41.464	-4.1292	143.134	58.73706746	1.147749894	1.151207384	1.21301943
2024-04-02T09:54:01.200000Z	2	6.2	11823.4713	10	14.9122	148.1562	43.35100903	0.953070479	1.092538862	1.252624785

2024-04-02T23:58:12.170000Z	2	6.8	9455.859633	40	23.8356	121.5976	59.37257775	0.913618826	0.953171737	1.06300238
2024-04-14T20:56:32.340000Z	2	6.34	14045.25383	70.5	-6.4849	151.2289	52.26158736	1.015503039	1.080700255	1.186847232
2024-04-17T14:14:44.100000Z	2	6.17	9244.052131	21	33.26	132.09	46.30534723	1.03596053	1.098902189	1.19343764
2024-04-22T18:32:48.430000Z	2	6.1	9451.867948	10	23.8586	121.5662	59.38057972	0.925742116	0.882242597	0.98837095
2024-05-12T11:39:10.480000Z	4	6.13	9774.850687	41	14.604	-92.108	289.7007094	0.917681608	0.976922517	1.069112907
2024-05-25T22:23:15.990000Z	6	6.2	15961.4521	22	-17.1173	167.8706	39.4555207	1.031539693	1.136517528	1.197559514
2024-06-28T05:36:36.900000Z	4	6.4	10993.40524	24	-15.8277	-74.454	256.3947263	1.007278875	1.140619095	1.319701754
2024-07-10T04:55:41.780000Z	7	6.3	11323.96649	4	-53.3092	25.3481	171.4196607	1.031819782	1.139107521	1.157121251
2024-07-11T02:13:18.770000Z	2	6.45	11091.75314	638.8	6.099	123.147	69.26420239	1.033196349	1.047607982	1.290972173
2024-07-11T15:08:47.160000Z	4	6.1	8593.961133	10	48.7877	-128.7103	334.2483039	1.0482891	0.957913854	1.148717752
2024-07-19T01:50:48.570000Z	4	7	11121.83134	127.291	-23.0791	-67.8404	246.7776012	1.197240018	1.25961553	1.346594401
2024-08-02T22:23:02.110000Z	2	6.1	11148.83548	32	8.1851	126.6161	65.2161001	0.897941483	1.031676446	1.262826765
2024-08-15T23:35:53.940000Z	2	6.2	9474.149644	14	23.7491	121.7669	59.30574901	0.893269902	0.879168566	1.026477947
2024-08-17T19:10:26.820000Z	2	6.5	8420.851289	29	52.9308	160.1331	18.77783021	0.85893595	0.874874176	0.953065043
2024-09-16T11:36:28.780000Z	2	6.7	11580.88764	32.3	17.7491	148.848	41.37557238	1.079793901	1.094161968	1.219858619
2024-10-01T20:05:34.960000Z	6	6.4	16778.11147	10	-19.2886	-173.0007	8.244034324	0.935642504	1.024354299	1.223318382
2024-10-12T17:43:44.510000Z	4	6.1	9691.901144	16	10.4967	-86.1497	282.6241065	1.058971032	1.197829874	1.195640754
2024-10-23T14:38:03.740000Z	2	6.2	8663.609424	34.4	49.415	155.607	22.83692791	0.712116235	0.750830345	0.813174471
2024-11-08T11:38:00.370000Z	4	6.5	13458.69948	10	-46.7807	-75.6402	233.2439956	1.281414058	1.159048762	1.108319877
2024-11-10T16:49:50.420000Z	4	6.1	8273.343836	14	19.7974	-77.0506	282.418659	1.097821603	1.093445109	1.116111136
2024-11-15T05:28:30.650000Z	2	6.1	14000.35679	56	-4.7548	153.2923	48.98815603	1.02250921	1.175050426	1.146174251
2024-11-17T12:16:29.870000Z	2	6.2	9587.570091	8	29.0424	131.3968	49.22728787	0.940063272	1.025715964	1.124668437
2024-11-26T13:47:04.260000Z	2	6.27	9121.941633	10.2	37.003	136.379	41.26441279	0.928639353	1.04313741	1.191254742
2024-12-05T18:44:21.810000Z	4	6.4	9297.075149	10	40.3529	-124.9987	328.0049901	1.066931738	0.982566702	1.248032044
2024-12-08T19:57:08.600000Z	7	6.2	8984.532906	18	51.0018	-177.3278	5.47326308	1.029481062	1.146749679	1.271759074
2024-12-09T00:15:30.690000Z	7	6.2	8985.952601	19	50.9985	-177.1779	5.378498315	1.017502446	1.090408099	1.294198727
2024-12-17T01:47:25.740000Z	6	6.8	16028.44754	54.372	-17.6914	168.0842	39.57674698	1.047913005	1.25012663	1.380906299
2025-01-07T01:05:16.730000Z	2	6.6	6704.280531	10	28.6036	87.3781	79.1494045	0.969248113	1.069414817	1.133220219
2025-01-12T08:32:49.940000Z	4	6.3	10197.03337	39	18.5019	-103.3631	300.5207304	0.954756499	1.06554427	1.214056771
2025-01-13T12:19:32.250000Z	2	6.3	9343.992732	39	31.8326	131.5525	47.50428873	1.202264941	1.12533015	1.118318758
2025-02-08T23:23:14.690000Z	4	6.7	8832.772814	14.326	17.6506	-82.395	284.7011436	0.99648686	1.031341865	1.059424712
2025-03-25T01:43:13.690000Z	6	6.57	18104.19906	24.3	-46.617	165.902	94.13084112	1.116186993	1.078317899	1.072513173
2025-03-28T06:20:54.100000Z	2	7.19	7835.941706	10	22.003	95.989	78.50275764	0.860071798	0.88366803	1.070770936

2025-03-30T12:18:45.790000Z	6	6.3	16891.80109	0	-20.4527	-174.1644	10.77648287	0.925752992	1.124113486	1.07567975
2025-04-02T14:03:56.000000Z	2	6.3	9421.880963	10	31	131.6	47.95310874	1.026080046	0.986893097	1.121747938
2025-04-03T14:09:31.410000Z	1	6.18	3070.374528	10	52.66	-32.026	295.8145841	1.06601602	1.113842237	1.116339735
2025-04-04T20:04:39.380000Z	2	6.39	14037.89061	10	-6.1945	151.568	51.71787444	0.988492448	1.010291954	1.132638983
2025-04-16T01:43:01.460000Z	6	6.05	13619.32032	10	-47.829	99.682	126.9913508	1.228046639	1.088851825	1.182760588
2025-04-25T11:44:53.700000Z	4	6.46	9972.472097	21.2	1.121	-79.467	271.4484834	0.94701583	1.160187189	1.231198306
2025-04-29T14:53:37.720000Z	6	6.41	17455.2302	10	-54.249	155.493	118.8181459	1.164639281	1.241586073	1.289605147
2025-05-02T12:58:26.910000Z	4	7.23	13747.18797	10	-56.85	-68.182	220.4561816	1.012799086	1.052469053	1.320149337
2025-05-13T22:51:15.500000Z	1	6.07	1924.100937	68.3	35.288	26.881	132.2800452	1.082572083	1.061693365	1.099297939
2025-05-20T15:06:01.070000Z	2	6.5	13338.96335	21.5	-3.4215	144.2679	57.20204813	1.056189048	1.156011408	1.307752153
2025-05-22T03:19:31.000000Z	1	6.2	1855.660285	10	35.4	25.8	134.4833793	0.940284914	1.115795851	1.370382811

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0.975995626	1.21724957	1.602899442	2.105092317	1.994182002	1.37238702	1.667299274	1.683802444	1.322333723	1.227044474
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0.871936405	1.079465168	1.333018651	1.679666971	2.042304528	1.791662575	1.652680497	1.642280817	1.557733428	1.437898523
1.29212451	1.672958883	1.965303596	2.367004815	2.691755379	2.630966359	2.908415166	2.795182528	2.544016799	2.96896812
1.489085826	1.577827532	1.726423635	2.304475191	2.513453959	2.136232327	2.315162915	3.681923067	3.593486066	2.623193535
1.427978543	1.910636864	2.370424945	3.247583444	3.502634357	2.984028059	3.392021448	4.234680503	3.900456841	2.722494227
1.501634472	1.927312043	2.361898134	2.8220988	3.306207928	3.051338638	3.158710471	4.122998448	4.606450946	4.291367857
1.311899248	1.825247961	2.222217807	2.444236365	2.532241435	2.215079418	2.698597113	2.718585586	2.502341718	3.060384629
1.258880313	1.226916728	1.254122249	1.239062154	1.217753288	1.374439613	1.428585792	1.176498039	1.008064642	0.920929536
1.464112299	1.737882709	2.024426894	2.318545869	2.973977776	2.824805492	2.994629983	3.453946419	2.720866703	2.534791163
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1.257713356	1.405671711	1.585810531	1.740446485	1.723119874	1.462221157	1.150632931	1.123812614	1.469759117	1.59998169
1.27547142	1.520326738	2.146583985	2.694264675	2.827397055	2.778482467	2.718182786	2.615919647	2.549904434	2.526418156
1.308482473	1.678788188	2.334466171	3.154979523	3.406780637	3.325293081	3.756583568	3.218702165	2.068606433	2.355987693
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1.140589598	1.202982971	2.098349227	2.362946005	1.795098516	1.678768449	2.14631207	2.197002222	2.041953007	2.536797208
1.039412443	1.35787052	1.972445752	2.221170224	2.095834085	2.011569576	1.862148299	1.535026401	1.319645083	1.433146486
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1.425472528	1.645767836	1.889028723	2.325726659	2.42930537	2.172095521	1.972302274	1.748735494	1.721340222	1.880368185
1.327839378	1.872316802	2.159243195	2.374090515	2.369837604	2.034152407	1.931126611	1.884041489	1.593568571	1.602690707
1.206498883	1.521893699	1.983490496	2.272935571	2.536758075	2.600396885	2.649528306	2.596931128	1.971249378	1.793706397
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1.205541251	1.303346237	1.283472235	1.728713861	1.965035296	1.630015682	1.703357328	1.521549988	1.353587501	1.3255757
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1.184732638	1.319760289	1.786005074	2.102493101	2.249308504	2.454965524	2.84567987	2.584125407	2.062540993	2.150173582

1.411003485	1.812631368	2.235331461	2.359358331	2.586304619	2.407490554	2.014555104	1.915016938	1.981655166	1.957193325
1.319426235	1.63041095	1.719332561	1.991431698	2.394854179	2.392884121	2.530857409	2.297501648	2.292934965	2.51518853
1.325525052	1.766698184	2.051072824	2.211660189	2.384212826	2.211422191	2.580312984	2.443510447	2.252739551	2.187780432
1.308659332	1.572903174	1.878795312	2.185866989	2.881108731	2.713914802	1.876692995	2.090968568	2.607405496	2.65833601
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1.323831221	1.56251734	1.83445515	1.961518116	2.17099188	2.113814825	2.208871941	2.347898914	2.084863817	1.978733626
1.107847086	1.424893436	1.954037706	2.107362847	2.192205534	2.187852423	2.146016231	2.303950949	2.179226434	2.35042165
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1.707012945	1.88079968	1.928650773	2.072792983	2.321640512	2.003978089	1.729469112	1.827301091	1.932759598	1.901845752
1.436004987	1.762140575	2.327057651	2.689533982	2.78039007	2.771698946	2.695221522	2.704440958	2.444715643	2.282880284
1.523101777	2.259896738	2.653823512	2.582156021	2.684614959	2.301116897	2.169778205	2.469653045	2.585013992	3.074147779
1.382242128	1.766722505	2.675327479	3.115440259	3.413851815	3.137359991	2.493777206	2.27289177	2.711459303	2.78180669
1.410883941	1.706837202	2.253146271	2.29114015	1.81254343	1.461477499	1.359517223	1.243078399	1.50671048	1.648290038
1.587976939	1.750406478	1.95554966	2.396983744	2.734736936	2.539122356	2.478413895	2.467936912	2.392993182	2.567920859
1.269359462	1.851830072	2.366190272	2.445440376	3.104905304	2.869449072	1.855154896	1.800602972	2.104677234	2.369650915
1.327555685	1.605687638	2.020302652	2.180890421	2.082409722	2.013998313	2.488075199	2.743828035	2.399022525	2.396636197
1.453718524	1.734946268	2.03853727	2.431705285	2.969605261	2.834270785	2.265461913	1.911557558	1.913348924	2.147234318
1.421336279	1.888877392	2.233822632	2.09860378	1.866810255	1.493688646	1.136639608	0.931394401	1.274897497	1.314344327
1.24663097	1.628537738	2.06576675	2.503495506	3.069673062	2.864154741	2.926932116	2.877398631	2.894654299	3.037472868
1.140049154	1.545442557	2.005499295	2.332167323	2.317688529	1.978517901	1.639964947	1.522562413	1.980216539	2.111527666
1.319749971	1.922888339	2.633990422	2.829441987	2.951353014	2.705209409	2.417217189	2.956447021	3.271622429	3.040344562
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1.181291872	1.604410834	1.975798253	2.088988492	2.104068887	1.910317636	1.899661754	2.075429485	1.977343274	1.850242913
1.321198104	1.761283237	2.182476752	2.550963529	3.347309739	3.697265761	3.549770703	3.105024553	2.767530749	3.733408551
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1.168954335	1.358197069	1.677562475	1.867322288	2.055856285	1.899870607	1.576526865	1.466690025	1.438426488	1.259296875
1.422134575	1.669135897	1.897940894	2.077890551	2.847424689	2.742436426	2.237016048	2.747884961	2.899970637	2.66444913
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1.208413124	1.520000984	1.930130862	2.039962678	1.872331886	1.628631014	1.60128229	1.551088536	1.686392084	1.796853614
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1.570018004	1.494935373	1.805863099	2.275241625	2.493954536	2.17657466	2.057679361	2.499022127	2.702491746	3.140226766
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1.377966995	1.55119268	2.062349859	2.412293045	2.540863156	2.471654297	2.05412603	1.979728418	1.891534067	2.253144299
1.449431065	1.911035136	2.59906917	3.18044002	3.33756652	3.387630661	3.339826954	3.149528823	2.926992668	2.873767613
1.29454011	1.51964616	1.867253078	1.977621181	1.7231285	1.561518503	1.61455893	1.588200984	1.535782053	1.502009621
1.353985217	1.692169498	2.077868878	2.162124157	2.537254708	2.78777496	2.63872617	2.355983072	2.611186845	2.750825967
1.460648424	1.389405449	1.708877383	2.216642719	2.265423279	2.23047015	2.072521617	1.880900574	1.872834176	1.811277613
1.219402202	1.292445384	1.277660704	1.658238234	2.282875072	2.194379762	1.576109674	1.427289878	1.572359371	1.66379196
1.37622369	1.723943325	2.555441908	3.212205379	3.309197232	2.849198504	2.396628641	2.915389717	3.235302406	2.790705426
1.60901676	1.764959416	2.078485385	2.715771024	2.699028179	2.1818339	1.621202975	1.400765023	2.386251859	2.853114282

0.7100Hz	0.7600Hz	0.8100Hz	0.8600Hz	0.9100Hz	0.9600Hz	1.0100Hz	1.0600Hz	1.1100Hz	1.1600Hz
1.404831641	1.867018508	2.062823257	1.785429092	1.293564782	1.126118505	1.26138176	1.283321917	0.914356351	0.970318956
2.228137383	2.090250781	2.014175205	2.290438661	2.681960572	3.598868137	4.194086645	4.212076452	3.821821802	4.442953515
1.420040616	1.556867142	1.449157552	1.396861711	1.553030446	1.838349981	2.101987834	1.75003424	0.887404551	0.772048443
3.969512216	4.344703249	4.165303593	4.377833368	4.301028695	4.570245654	4.396528843	3.60924339	4.725756948	6.367982881
2.574248061	2.632499639	2.889156222	2.465060025	2.403090837	4.031075987	4.143500165	2.464530512	1.915932571	1.74795664
2.057419897	2.415709172	3.244857916	3.298788807	2.84421211	2.724826603	2.992604737	4.051033138	5.098572863	5.910309466
4.044968785	2.968033497	2.455796151	3.660454431	3.920358986	3.819402843	3.408459433	2.800099644	3.105159004	3.131504271
3.377118423	2.624010194	2.213396569	2.597688599	3.169127972	4.9371382	4.498029614	2.948037939	4.424096836	6.721933507
0.879353855	0.850336976	0.833151303	0.823054967	0.8360434	0.84107939	0.828951977	0.846242398	0.859191628	0.855512847
2.47948171	2.034408442	2.1135519	2.539184552	2.511385036	2.643291087	2.777388515	2.744332343	3.44554344	3.777555706
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1.229475173	1.094652031	1.168295339	1.158492511	1.12899494	1.363986047	1.48971787	1.751087556	2.932487198	3.575109815
2.24110724	2.264222014	2.128686062	1.842243915	1.985985262	2.324969766	2.57064428	2.447875721	2.323520094	2.435926853
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1.69987664	1.958172167	1.483504563	1.296461468	1.480834108	1.18862278	0.936008	1.236652661	1.201687401	0.837039487
2.28391983	2.189473575	2.194796881	2.127530683	1.922686855	1.82262938	1.802837563	1.831121623	1.450304367	1.98741847
1.605330215	1.584339665	1.632159902	1.522127936	1.411870503	1.516424948	1.733431511	1.967307073	1.784769419	1.612946156
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1.928135848	1.923343828	1.806111935	2.165417247	2.342866486	2.626187425	3.516415574	3.269673713	2.308922678	3.308990158
2.613908385	2.542455814	2.366129858	2.448706772	2.769928331	3.641906757	4.035616332	3.668018998	3.577745386	4.149460877

2.571708139	2.784785938	2.539479042	2.917870857	3.053145622	3.234240804	3.207899231	3.328047769	4.347784599	4.830212743
2.329269701	1.8805612	1.651184409	1.935203542	2.238423778	2.812876108	2.869993148	2.26486204	2.49568974	4.581451661
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2.134647262	1.529155727	1.432143785	1.630635468	1.685404352	1.549437207	1.377286419	1.109245917	1.365364237	1.474704186
2.182522114	2.359201604	2.045552331	1.978990631	2.470556846	2.435410577	2.35159547	3.084345959	3.744837825	3.376025009
1.464106305	1.611273909	1.820150347	1.394472084	1.809618561	2.036479276	1.861107124	2.503558025	2.979538848	2.613147622
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0.968019005	0.856037722	0.744652241	0.715715484	0.685260299	0.636768745	0.573999433	0.557865166	0.596223662	0.603400166
1.44937452	1.23770722	1.111909691	1.672887043	1.658912193	1.281909929	1.185553251	0.915666041	0.859102213	0.98406656
2.498776711	2.424660498	2.459531836	2.508366804	2.978780062	2.954902259	2.417336191	2.991317558	3.812512766	4.526750831
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2.178200605	1.982947129	1.80293724	2.118634887	2.810212128	3.654623933	3.358471422	3.146970963	3.131103854	3.605382191
2.175636952	2.202481844	3.130797797	3.140602518	3.70157504	4.98161073	4.864470437	4.242337034	4.353158689	5.025222981
1.511360683	1.465767491	1.954796473	1.939861169	1.75175089	2.126958932	2.026114588	1.514118309	2.062801951	2.58825201
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2.117932758	2.395087768	2.186306009	1.672336949	1.874187623	2.31363913	2.856485909	2.611981481	1.899692884	2.91814564
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1.222690196	1.141190796	1.7433817	2.145665583	1.929611291	2.350905729	3.153003796	2.880017359	2.911384151	3.415700516
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2.037187232	1.817066849	1.820319057	1.666781761	1.691263727	1.723096569	1.878762883	2.101682513	1.958679343	2.013180244
2.303332215	1.914966008	1.770172882	1.8425016	1.773883409	2.430849661	3.401969239	5.258701013	6.442738356	4.573381991
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2.946482473	2.750679487	2.155272058	1.775207694	2.483980835	2.588030959	2.860742926	3.487177435	3.240537278	3.195377752
1.62751681	1.298915548	1.313779516	1.645668397	2.311508418	2.669840926	2.844730072	3.71540303	4.556871402	4.954206056
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2.318807202	2.00979244	1.921521813	2.14052961	2.18785645	2.20191692	2.308675372	2.107124137	1.957333899	2.508026512
1.834002054	2.073789682	1.958836122	1.400533878	1.221996114	1.171526517	1.023824019	1.115039363	1.106364449	1.445634137
2.40389105	2.245239204	2.384059001	2.874684656	2.946236073	3.115208228	3.556437945	4.461356181	8.433862968	10.09281863
1.938303758	1.595013981	1.307798316	1.806903054	1.866436633	1.835591543	1.580577919	1.674065527	2.246543465	2.658083543
1.806219801	1.847524253	1.993077917	2.195771306	2.363884617	2.572818406	3.123005165	4.157780464	4.441566639	4.375638224
2.846280694	3.209828651	3.89856344	4.291239264	4.68880994	5.088908438	5.584591032	6.907345036	7.689133305	8.080152337
3.084947289	2.77064143	2.456665106	2.484093108	2.748024554	3.295576818	3.50113809	3.228473196	3.365749097	3.58623511
3.285394917	3.47991017	3.268524966	2.693711163	2.521296746	3.304442046	3.547439898	3.772551776	4.420605833	4.325851114
1.871956371	2.314852474	2.828103316	3.492543756	4.307528757	4.963663127	5.632257653	6.753260929	9.217742503	10.94016994
2.509220451	2.240601287	2.449894875	2.718539414	2.76370932	2.76723177	3.070042093	3.510811559	4.193343381	4.424567821
3.378787577	3.538094306	3.77320097	3.364818133	4.033023154	4.8009993	6.079396778	7.456372827	9.048935779	10.9856175
2.447344738	1.980597895	1.934087421	2.310590176	2.6247793	3.257628057	4.221603056	5.037865694	6.155960344	6.409570808
2.40350126	2.461799922	3.041071516	3.24352501	2.842878421	3.354514748	4.03465441	4.970586287	6.98243088	8.76778679
1.777884577	1.535520374	1.676923644	2.261405552	2.711775751	2.942976485	3.026299086	3.336327185	4.85255136	5.205007033
3.08655421	1.676657099	2.390279518	3.309938293	4.301612859	5.253790592	4.89676794	5.322019157	5.649733684	4.358386819
1.518075669	1.665930092	1.914767257	1.597689516	1.220798173	1.141378356	1.081869116	1.008237433	0.766386856	1.429352463
2.439417382	2.231804988	2.064030015	2.499342054	3.530282573	3.72011802	2.631217205	2.246789835	2.704257255	4.000279554
2.089744563	1.757262006	1.79225984	2.193505739	2.590192667	2.55903088	2.710560875	3.954711913	6.620773323	8.071844163
2.337430553	2.285883218	1.940206647	2.037554408	2.248553868	2.512784044	2.796540752	2.822447217	4.329922029	5.485010987
2.417677538	2.131582822	2.079140292	1.928832026	2.053529682	2.140433733	2.095091714	2.677300512	3.139714274	2.807366771
2.512825034	2.450056272	2.067111644	1.708911929	2.085367334	2.725167858	3.196169569	3.367904411	3.190167421	3.081565732
2.486863654	2.565565909	2.876441392	3.920367423	4.341179163	3.71312968	4.122152148	5.379293444	8.695194905	12.09634474
3.095488705	3.335602552	2.580052639	2.598221609	2.893815303	3.155994728	3.676706124	4.563032542	6.430841897	6.643524905
3.377148189	4.557423875	6.998207815	9.348194416	10.16898828	9.785884147	9.5546893	9.393259777	9.620107046	9.371204675

1.338177732	1.090606614	0.939632157	1.143500219	1.169320087	1.21902301	1.354362297	1.231574756	1.046407365	0.93680265
2.961766359	2.411012352	2.833343771	2.681164447	2.434894407	2.459317539	2.511231153	3.170012665	3.429004306	2.871465407
3.903439554	3.770942375	4.551341279	6.088285479	7.521076415	6.426255664	4.248247925	4.040712002	4.757738603	5.947076892
3.355992797	2.771269604	2.732229066	2.704891711	3.062152818	3.74217609	3.631523304	3.550746327	4.125232969	4.092158857
1.117618935	1.249051932	1.586032709	1.396486434	1.144187015	1.764244149	2.46298752	2.087051612	3.052206394	3.457986298
3.082046486	3.220967215	2.718488961	2.182408701	3.12599176	4.058031738	3.6095887	3.240027673	4.170344166	4.058340664
1.696473042	1.970298259	2.50138621	2.40178683	2.485875595	2.628254198	3.068238709	3.734631605	3.94975201	4.230918451
2.157389062	3.015314813	3.655644831	4.300344071	4.722068188	5.246700116	6.308707237	7.953930601	11.07100687	13.09140479
1.920054452	1.824185246	1.482298913	1.649558519	2.305279843	3.171088342	3.385944342	3.104509034	2.986839976	3.803050824
2.401751211	2.53962751	2.480633143	2.386831208	2.524727855	3.49132727	4.456443201	4.710048864	4.346738221	4.324742395
2.295122171	1.856082127	2.094681643	2.166521058	2.243031579	2.221101265	2.375769639	2.564785977	2.738541637	3.051756636
1.336404757	1.136568702	1.264606341	1.494429546	1.456608114	1.380057934	1.383647032	1.429878166	1.433523509	1.405888152
3.550377016	3.435050831	2.966432668	3.461580013	4.635496341	4.862662358	3.653296506	5.056008348	6.907008373	6.274297709
0.915169804	1.518768193	1.753424786	1.464657914	1.351740859	1.562926144	2.186986759	2.072481852	1.227557873	0.792120251
1.870944245	1.980588023	2.42743652	2.500322903	2.289115265	3.282995	3.97345675	5.430895473	8.278461759	9.931267762
2.549278996	2.64898338	3.620069136	4.546287997	5.465132708	7.233597109	8.665628586	9.498539417	10.80920262	9.854204286
1.398906578	1.3483767	1.788785948	2.146412478	2.57928232	2.844576623	2.978031875	3.362146335	4.805330919	6.137991695
0.690708735	0.628997423	0.540710185	0.476123068	0.384166315	0.373273768	0.400163196	0.455115	0.49221807	0.479914528
2.537534244	2.530376824	3.144369305	3.862569448	4.225348366	4.506483083	5.090503399	6.206766576	7.234026155	7.867594297
1.198079402	1.084421556	1.473220869	1.759831163	1.33898694	1.393459679	1.423939895	1.322406667	1.620359701	2.031401661
2.56475246	2.188033474	1.665569042	1.943175668	2.437739106	2.52847438	2.973766799	3.323261208	3.913445569	3.6654335
3.115112208	3.132272709	4.090141871	5.067310858	3.922346186	2.926457338	2.822920659	3.350581043	5.869541973	6.410490677
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3.090826461	2.752052037	2.574638887	2.869717799	4.034938876	4.654055493	5.461886982	5.502506444	6.389459599	10.30203196
2.342973566	2.172439212	2.065025345	1.878873013	1.894409063	2.996404639	3.631032885	3.493259837	2.994144957	2.917554463
2.450138703	2.205815341	1.952221491	1.791664133	1.633067825	2.626797134	3.233152293	2.788429924	2.298853959	2.532554094
6.784300922	5.139089848	4.071503155	5.240702607	4.894926989	4.190499377	4.871574854	6.727835057	8.596268315	9.641248802
2.240339072	2.254402385	1.984029154	1.923289818	2.542737198	3.297091876	3.288600559	3.075341045	3.952544147	3.869431954
1.494241947	1.877292181	2.040520178	2.24875733	2.454309147	2.514366783	2.834193223	3.778034388	6.423851357	7.74327028
3.820007299	4.407366106	5.821029531	7.001486694	5.606264533	3.973478085	4.094362811	3.82413847	2.706173105	3.004409922
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0.830601336	0.687528193	0.548550109	0.532576494	0.508870055	0.576413887	0.53863717	0.476152244	0.542209469	0.482119085

2.526832456	2.510191382	2.728898019	3.939636854	5.588308492	7.058427948	6.042613049	5.402287638	7.376282832	8.424626963
4.176185821	3.902836289	3.954130879	4.554422324	4.646765907	4.896113999	5.45770518	7.282405485	8.46872398	9.229334032
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2.156567918	1.924916998	2.21207743	2.842878129	2.918576834	2.392412814	3.295463452	4.2921614	4.501208858	3.867972967
1.634909461	1.52180249	1.637899193	1.811460765	1.853832434	1.963465251	2.344306621	2.436613751	2.544966413	2.821935759
2.038700354	3.050466865	3.250321812	2.64992676	2.153670102	1.693924053	1.739224896	2.090524343	2.157119152	2.227034034
2.468366695	2.44115317	3.299784443	4.202902158	4.915986826	5.397247938	5.630474462	5.819964526	7.235136358	8.416504829
2.458391981	1.97373078	1.667819187	1.400581372	1.41609454	1.497480762	1.443747378	1.715645937	2.119972644	2.455609456

1.2100Hz	1.2600Hz	1.3100Hz	1.3600Hz	1.4100Hz	1.4600Hz	1.5100Hz	1.5600Hz	1.6100Hz	1.6600Hz
2.18082957	2.636003868	2.409831475	2.514538455	2.621373493	3.002295146	3.274381055	3.910033881	3.178902512	1.530564108
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1.659833293	1.815559982	1.235525657	1.367852722	1.84549977	1.852439207	1.746517147	2.305087075	2.105986387	1.432571144
7.232874736	7.4650915	6.647122753	5.749025935	5.218429263	4.489292908	4.65238376	5.795814618	6.119103182	4.903130683
1.709799345	2.603608643	2.547307837	2.753122048	4.566356047	3.255236749	1.424934181	2.25322232	4.308388305	5.775788981
6.860861522	7.396674802	7.4561207	6.632055559	7.21527478	9.037139643	9.385504869	8.881891407	9.07342839	9.472965823
2.701757588	3.778879859	4.744114761	5.0307287	4.461917182	4.415363696	6.800954526	6.872882786	5.646103405	5.701090068
6.540094789	4.785725306	3.474000912	3.297128866	4.257408028	4.910306711	4.644623438	4.249284039	4.202056028	5.733915631
0.834144889	0.824240956	0.844301619	0.842763165	0.829464144	0.839573445	0.837184991	0.832896336	0.842242798	0.863702433
3.74684489	4.127689617	4.273974972	3.894493571	3.839133306	4.325875595	4.477357583	4.485269435	4.72586473	4.754143914
1.574711803	1.722445396	2.634217591	3.134821722	2.599112108	2.17121328	2.401096462	2.71664334	2.913208921	2.803636533
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4.932916261	3.751129244	3.908641691	4.07874926	4.453686759	4.555487679	4.337902459	4.220476392	4.513018837	5.029242138
2.965765719	2.954125468	3.320383175	3.295367056	3.043360237	3.186415471	3.744827634	3.445525322	2.757777439	2.716427976
2.801345274	3.096102922	3.596385437	3.820297239	3.680288806	4.033002057	4.408400649	4.577983869	4.829664596	5.111405804
2.1858478	3.02901372	3.103233296	2.909334319	3.037960302	2.984958168	2.51223284	2.156648794	2.204339765	2.178839908
4.266080764	3.39410186	1.925421085	1.925230298	2.176291439	2.098754666	2.211688051	2.986968288	3.867057438	3.902265448
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1.632046727	2.5070807	3.529535221	2.998718093	2.530556882	2.816719477	3.183368217	3.510655151	3.594567847	4.140479883
0.982283439	1.110536053	0.796389705	0.865761865	1.190176585	1.42080379	1.172154752	0.746105136	0.749320213	0.783789226
2.309218911	2.720701236	2.798952435	2.526778686	2.659332376	2.414272754	3.249185598	4.883006585	4.292500846	2.744217169
1.550209167	1.315918071	1.457943086	1.573384885	1.374794848	1.341515883	1.443287233	1.375131635	1.238319939	1.065990426
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4.867402299	4.735577149	4.222635048	4.13504153	4.841668441	5.208897059	5.080019284	5.497726622	5.819373882	6.862638376
4.146733379	3.578608252	3.734137431	4.073116859	4.86510671	5.576932937	5.013191043	5.249346536	4.829959632	4.597516574
8.799659448	9.092255708	5.40590333	4.198954706	6.348378402	5.337223297	4.315042786	6.902873774	6.366191078	6.13302723
2.867951622	2.671268091	2.65033855	2.535307512	3.040265894	3.675035926	3.290047951	2.909689619	2.70285768	2.508955722
3.911951909	3.963279549	3.02385582	3.237834778	3.176371983	3.804048819	4.398682305	2.909715205	3.812945615	4.666624313
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1.646133289	1.668072012	1.293015968	1.427751113	1.835994062	1.771897907	1.812010083	1.86451492	2.10515376	2.442819006
6.203454599	5.866120446	3.529148855	5.260445	6.257320165	5.681518812	7.723630553	7.133190065	5.231062916	6.157572698
5.112381214	5.102866524	5.860666136	6.475880763	6.996300128	9.040236474	9.462493185	8.929661176	9.378958394	11.01408127

4.163019782	4.477163531	3.976832935	2.216113442	2.827559167	2.887678522	1.35295348	1.395462973	1.835762093	1.619424712
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7.460742743	6.33865419	4.625175085	4.562128782	5.283554927	6.128548739	9.264143633	10.96358106	7.758041955	5.856029114
0.957720753	0.744576858	0.866738559	0.862915442	0.634636879	0.656352734	0.684743457	0.49130867	0.402240732	0.343678483
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0.891293434	0.731675649	0.663100237	0.64608386	0.696303919	0.785206572	0.79331593	0.751860648	0.715041719	0.714358137
4.730238163	4.043645709	3.660494966	4.187794529	4.374472173	4.520688741	5.187490446	6.257024191	6.078307993	5.401347027
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7.01103737	7.082469643	7.100239247	8.498342673	9.085832575	8.567677629	7.364600392	7.897474783	8.953283715	10.47767935
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5.576759968	4.352911295	4.166580114	4.621147316	4.761425323	4.511260458	4.411242411	4.69750007	4.559133666	4.215065744
5.745998459	5.656233958	5.085289801	5.986530089	6.218424546	6.613469888	7.729561644	7.975805132	8.806443038	9.715651757
5.376868805	5.959056899	5.801956636	4.342424753	4.425212202	5.645094513	6.452992103	7.629982234	7.78559337	8.284497227
2.220228829	1.993739341	2.419716176	3.194977588	4.137196845	4.140246682	3.625185545	3.980941563	4.189919754	4.539532172
2.271620674	2.287519607	1.986452693	1.820032782	2.342304528	4.176779946	4.225257367	3.697727495	3.53616315	3.293749364
2.441600964	2.855176745	3.549836322	4.306489315	5.733207528	5.280859462	5.119100468	5.091357301	7.016691025	8.755499668
2.913102018	2.211163426	2.046693331	1.958051169	2.004947025	1.867914144	2.98410931	3.658253034	3.137568735	3.146995342
5.813807854	6.114932358	6.048912688	6.040775715	8.166088335	9.118426166	8.500280725	8.440284988	8.204024574	9.666216792
7.823993965	6.086882747	5.871281736	6.318209831	8.741631327	9.63373094	8.302276364	9.176160293	9.971060191	10.7030434
2.817034043	3.037912832	2.655716152	2.810286256	2.536886951	2.433750858	2.782823864	2.891300543	2.751764156	2.044952474
3.009927492	2.441426926	1.969382155	1.846748279	1.734224331	2.352128609	3.073536733	3.064449149	3.361464086	3.1816484
4.199461193	4.556031672	4.441806902	4.366755179	4.250071527	3.924764811	3.315847365	3.293557485	3.776541977	4.005284652
2.09670799	2.133836702	2.257453507	2.275711464	2.293275976	2.323136613	2.587672538	2.607811928	2.534104365	2.580357498
2.858535856	4.613812076	6.61178029	9.100592651	8.55568435	4.730132987	5.826904951	8.660678652	9.117351749	7.518453148
7.080336114	5.923471224	4.295650494	5.292978233	5.621640409	4.962304916	5.061114427	5.203092575	4.930888267	4.957953533
1.746946181	1.771679986	1.374797609	1.495731495	1.592991759	1.233620271	0.89162122	1.13048603	1.748437751	1.737007842
2.820657339	2.711546185	2.79940808	2.958044256	2.584899974	2.756698976	3.359659557	3.510396918	3.630837325	3.628045138
5.68465995	6.179478438	6.547866475	6.59942805	6.48534116	7.785659589	10.73792436	12.55928134	11.51568348	10.39518847
6.840871596	7.36512782	6.558042304	4.828271045	4.757051434	6.671780097	8.588856746	7.529608947	6.125468191	6.958421379
4.617324026	5.037484753	5.269854689	5.030375028	5.634382133	5.847892946	6.501546068	7.684222175	7.669222584	8.038543665

3.773104332	3.957757503	3.416716519	2.981275826	2.979231596	3.30878804	3.910694729	4.604775276	5.013118614	5.435014957
4.333866205	3.92869126	2.93960696	3.017289161	2.260637488	2.202948788	3.523552175	3.848737691	3.864047463	3.340778732
4.319677633	3.177333509	3.308451617	3.823250827	3.43709347	3.061339427	3.299630163	3.415482098	3.011760886	3.349001039
3.311607324	3.272695575	3.787953433	4.350481882	5.511939675	6.253360165	5.964981113	5.9003344	6.380879615	7.725158678
3.806162757	4.779813482	5.862922192	6.311562242	9.033776047	9.703200214	7.813953245	7.301095565	7.314115543	8.912294688
2.424603421	2.635386071	2.931474879	2.859446893	2.377655258	2.348876446	2.890322217	2.664158794	2.118127827	1.948828175
5.945557224	6.239452034	5.009091221	3.224104196	3.315892136	4.870825625	5.745211149	7.248216231	9.574126454	10.37779182
4.219212293	3.001401918	3.184566967	5.124502679	5.681507002	4.960661446	6.533151583	7.508675522	7.130250063	8.734310744
5.373205159	5.372327731	5.950420409	6.806602966	6.480509763	6.854773582	7.93006302	7.853706192	7.889532739	8.341333523
4.345934915	4.092749545	3.416838101	2.29150801	1.967341616	2.485112429	3.087828141	2.314524227	1.850454665	1.761114625
1.380557486	1.277037694	1.194197958	1.249021215	1.181623215	1.000048101	0.880775026	0.760256523	0.781522202	0.816321459
8.85715569	8.866159601	8.323537691	8.00391809	8.34156525	9.409436002	9.620372849	8.946422828	8.908030509	9.321147054
1.277419956	1.100368691	0.918105362	0.852019924	0.990180838	0.981116945	0.820517727	0.810120132	0.801299095	0.794370687
7.225098313	7.192050267	7.846213769	7.74343682	8.669921759	10.00542494	9.850151269	9.511874507	9.750197508	11.34062409
5.086750886	5.103699373	5.240786339	4.829789148	4.317324604	5.113701173	6.967670389	8.700122752	8.279111907	8.157727122
5.676168728	4.87336782	4.490691539	4.605450735	4.844472441	5.456159993	5.623494943	5.953850843	6.263070136	6.448877151
6.545453321	7.521088424	9.97636902	14.01605897	11.61039642	6.633604302	7.038844523	6.844142643	5.931193265	9.929039916
2.035687478	1.63787218	1.18605662	1.057987276	1.238621514	1.288093861	1.150680656	1.136171806	1.107900074	1.121744564
4.887688627	8.167109663	8.899429029	8.550939452	9.41519794	7.422396005	6.496861825	8.377789812	10.88021128	10.15827997
4.995483092	5.580060731	6.19212475	5.531529516	5.687587052	6.708336843	8.13057072	8.620011981	8.129900285	8.282138177
3.934653163	5.112555924	6.212341818	5.442237545	5.58562987	6.264898061	7.181903456	7.910888977	8.757898485	8.306885037
4.422095624	4.91789392	4.77234611	4.380596782	4.414157708	4.934331823	5.497895479	5.503773219	5.690615696	5.981517923
1.66063075	1.252685912	1.210359159	1.364412741	1.443344006	1.32815968	1.19448399	1.115979725	1.123635025	0.965667068
1.754160054	1.679580309	1.528122899	1.506994323	1.538285762	1.187355107	0.86378402	0.829029671	1.032448439	1.142665906
2.467701215	2.316103067	1.492613987	1.26060297	1.56824168	1.869632972	1.583317026	1.481596806	1.838233766	2.264647037
5.403127183	5.775738937	5.023755487	5.16007584	3.97078878	3.264031654	4.23436419	4.054746046	3.72801866	4.1720831
2.291035342	2.400773073	2.339122595	2.062994781	2.405199162	3.305064675	3.072377162	3.036232318	3.010850939	2.82948447
5.742712717	5.007341444	3.470525471	4.070865677	4.283310827	5.140737771	5.855069152	5.311578328	6.236275754	5.588903879
3.00136799	2.942753608	1.559812226	1.379852931	3.592297446	4.844416939	3.513412713	3.037053066	3.346927968	3.57436924
5.429837942	5.316394136	5.452812796	5.838370352	7.208363706	9.073651343	9.183763754	8.421894063	8.528549194	10.11559465
1.123159507	0.71052934	0.567061064	0.608721937	1.32833409	1.569213969	2.134019093	3.532819874	2.66484557	2.173960815
5.300878601	4.220161094	4.770258565	4.464959203	3.617090808	4.554687921	5.199783989	4.29367045	3.17441164	4.614130136
0.570080681	0.563974588	0.452217756	0.459315659	0.484476754	0.499379503	0.567568536	0.552282775	0.471988217	0.474437384

5.187647245	5.54808746	6.894883519	6.963043449	6.595473399	6.833144038	6.764423695	6.350486215	6.459689168	6.504922611
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2.580397328	3.355075902	3.407885298	2.807854408	2.330610595	2.092635493	1.66279486	1.683328365	1.476742128	1.475142577
8.925919379	8.217853677	10.29948603	12.35015597	11.63231732	10.94480913	13.34494177	13.93487515	12.00804054	13.29586325
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2.7490966	3.978677994	4.545816498	4.460979989	5.862929675	5.98811124	5.630817174	6.710607831	6.610088466	6.60301074
1.655305682	1.913520955	2.112553621	1.849096077	2.200511458	2.495307758	2.132642277	1.727288901	1.714747297	1.708005845
2.202536935	2.378037481	2.164149989	1.628667191	2.371136044	4.105414483	4.01946593	3.669873833	3.768392248	3.703316003
5.231876211	6.449656239	9.390043769	10.78097038	8.723803647	7.619564411	8.958497122	9.174943726	8.515395959	9.947827303
2.702387761	2.847700997	3.123286748	2.862336487	3.894234337	5.296251299	5.276500996	4.949771768	6.028973182	5.657401408
2.016730222	2.792135772	2.209458148	0.809190328	1.608467806	1.95902363	1.354771454	1.932696542	2.231897992	2.573119005
8.116494324	6.619060873	6.211979134	5.877058815	5.108227009	7.27749846	7.929801211	6.434516927	6.571587724	7.532882949
2.588986715	2.511243983	2.897848177	2.669444708	2.912793537	2.989703294	2.564432309	2.439503752	2.1370857	2.165432345
4.299406107	4.655121475	5.109478646	4.690456052	5.210825166	5.959316875	5.660625533	5.90947691	6.310435347	6.112625407
8.961417019	9.226467247	9.110842757	9.10189129	10.99060267	11.14515938	10.153499	9.984555461	9.876006001	11.6897101
3.419433261	3.46528059	3.764835082	3.763159423	3.967806875	3.935993389	4.050731385	3.936023002	3.44937943	3.837216456
4.559659446	5.382448875	5.087474811	4.543685386	5.032376908	5.583145419	5.892135521	6.644278817	7.087954941	7.181605985
10.99921595	11.85134723	11.84339413	10.01434255	9.866500522	11.00676041	11.3696904	10.46418241	9.780906179	11.54019807
4.467221036	4.94626556	4.730556245	4.203582257	4.483103884	4.747954843	4.512908578	4.628563784	4.877009358	5.22659588
10.85254472	10.26982606	10.07602936	9.035649203	9.522216472	11.26593451	11.53513845	10.67857761	10.99645904	12.18325639
6.36127738	6.736157219	6.806454137	6.902010028	7.664840374	9.298234291	10.50909494	9.994812674	9.62959602	11.28335508
8.308867623	8.557460816	8.769502917	7.290692594	7.224994799	7.62210672	7.671408102	8.458715461	8.980185585	9.735210195
4.551797844	4.415633177	3.783431194	3.234003271	3.320143883	3.251080956	2.832404058	2.688956973	2.53922965	2.50188254
4.885523336	6.782092899	4.372106667	3.822959539	6.241016098	4.377277846	3.835602152	3.710392262	3.08156156	4.230026943
1.988485929	1.376684858	1.076687173	1.456676842	2.0772388	2.77005996	2.846306812	2.937554603	3.232221283	2.651351678
5.009544419	4.763071215	4.224584618	5.015625641	4.983034377	4.288944668	4.651124505	3.908407622	2.743930604	2.439940819
6.950969468	5.84848989	4.810245712	4.149474668	4.609209967	4.950848554	5.289617065	5.422640451	5.04430372	5.129881995
4.7585985	4.975144168	5.829617654	6.342855099	5.405774468	4.306088363	4.69803903	5.193255587	4.833736712	4.633754799
2.430407551	2.808356132	3.888512769	3.317348671	2.87960045	4.776620708	4.133366509	3.736445005	4.24569754	3.808890033
3.01321417	3.334955369	4.532762656	6.073851506	5.454592535	5.235149313	5.243146847	4.93498297	5.026069357	4.42470922
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6.460682572	6.91635886	5.604828427	4.703271148	4.480662702	4.2544296	4.27512204	4.090046722	3.919001384	3.814012766
8.842577978	8.612669534	8.206819095	7.731039225	8.76782265	9.571880195	8.612945109	9.110553561	10.1463316	10.24279789

0.861072132	0.871598455	0.610030927	0.568421013	0.673523182	0.552766834	0.446642831	0.306421605	0.280710892	0.278473247
3.498427576	4.325451038	5.47727244	6.50492144	6.386743322	6.088930795	5.074597047	5.109354173	7.717535332	10.43579963
6.205683605	6.210085965	6.431872919	5.867366858	5.846793183	7.195938061	9.742801094	9.350235707	7.57612612	9.278029263
3.862755988	3.902142396	3.512911424	3.45092327	3.695220995	3.649184212	3.395696491	3.300110405	3.673668059	3.707669265
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4.632238435	4.919502588	6.107271744	6.535682637	7.481396294	8.121282233	8.17666303	8.799548441	8.602439678	9.398784682
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1.403333206	1.348503497	1.452691464	1.514596492	1.600369881	1.858130438	1.855136443	1.742021957	1.941568503	2.083777722
4.923891013	5.070350032	6.171131939	6.325688877	6.010432861	5.091980405	3.671909661	3.28514827	3.65870808	3.961240217
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0.410603599	0.382834458	0.391968095	0.377480391	0.427265191	0.469608365	0.489599313	0.614374552	0.655025882	0.606137647
7.992610961	7.510234596	7.293007376	7.178969495	7.974734611	9.872012327	10.31556599	9.4608331	9.606052812	10.70514903
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3.394510159	4.778928091	4.659042943	5.121242228	5.980073891	5.919813222	5.950605224	6.087240402	8.510618407	9.617625739
5.101343374	5.328173632	4.783905082	4.366584468	4.036528867	4.398901596	5.993558022	5.688536387	5.122724537	6.29065674
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0.392631001	0.355603673	0.312829023	0.317111979	0.328395843	0.324242156	0.347094993	0.319597578	0.284011888	0.2874666

13.47915688	11.90797166	6.662877651	8.769605103	8.400185884	5.244114743	3.826374714	3.537075462	5.30845774	6.137438536
9.23039185	8.754167955	9.547917004	8.754968207	8.454156211	8.695274742	8.616661243	8.046818282	7.652587016	8.125801552
5.320627749	4.691103597	3.591965287	3.347311894	4.368386741	4.969993776	6.330711215	9.35998326	8.02783187	5.57825695
1.923093815	2.532633602	2.531704643	2.274418621	2.130773907	2.275023717	2.277092538	2.149241795	2.175562668	2.170425284
7.419251908	7.082719348	7.721582747	8.362255596	7.802513008	8.332400322	9.115296919	8.44275433	9.406614092	11.8279272
6.726494953	7.117496465	7.619623905	8.092695493	8.507915464	9.152663209	9.564581596	10.61239925	11.64542975	11.62863302
4.345608047	6.081888042	5.188256244	4.052065483	4.734603887	5.574910847	5.53855325	5.405938447	5.611717307	6.043866221
2.784151288	2.688278413	2.600950821	2.6222339	2.79589127	2.948111268	3.119247636	3.295821728	3.284782444	3.416188496
2.133203626	2.200266993	2.268254074	1.800037561	1.706096999	1.751467732	2.062408835	2.083175984	2.073179431	2.250143751
8.432540659	9.484305621	9.869208951	8.963546641	10.98987741	12.73982946	12.51013035	12.54073824	12.29262462	12.87680137
2.620986136	2.437070465	2.497942091	2.510331413	2.103263503	2.227439847	2.457493537	2.234535964	2.156065477	2.922250707

1.7100Hz	1.7600Hz	1.8100Hz	1.8600Hz	1.9100Hz
1.191972646	1.421122785	2.466579807	3.949821959	4.080374604
13.66717615	14.26193785	14.6684581	15.47103272	16.51621383
1.425992034	1.622492405	2.290588623	2.494356437	1.891759073
4.860019502	5.711298694	5.008284894	5.390693714	5.770247265
4.262574455	2.260209549	1.791237857	1.76473685	1.862296285
11.04377121	12.7747786	13.40774286	13.71600189	14.31241595
6.246401843	6.886379223	8.157347915	8.705259865	8.271812895
7.17516783	7.679597203	8.987982886	11.35302518	12.39237627
0.850077159	0.813345513	0.830342886	0.86817628	0.887075285
4.596179363	4.622694037	4.131987436	3.851643045	4.22283543
2.537031431	2.164718637	1.784812497	1.641189421	1.627233043
3.711751299	3.296798666	3.128702031	3.686693727	3.873187734
5.2117416	5.185389272	4.856280552	4.767225267	4.506194773
3.063400754	3.574682812	3.981079918	4.117330747	4.010168294
5.503916481	5.967025487	6.175415222	5.789268718	5.725720948
2.069586427	2.139401112	2.242876058	2.259255231	2.14871048
3.702659785	3.798613452	3.787445336	3.19943202	2.662031683
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4.256137859	2.750421559	3.171949402	3.346785219	2.418381171
0.644853288	0.569878227	0.483487604	0.331451831	0.33569751
2.518956499	2.410023938	2.456540995	2.372604049	2.292255799
0.940698241	0.786440509	0.722864667	0.789596618	0.77871917
6.701604252	6.380392264	6.874824411	7.257980151	7.142354054
7.360542897	7.169444258	7.29451067	7.499696866	8.004450515
5.875003702	7.447872368	9.981109648	10.51782259	10.26022362
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6.697958273	6.561520025	6.194833223	7.080604737	7.477574806
2.16044627	1.89113416	1.769692234	1.650479358	1.677548509
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5.93133752	5.745973156	5.682877903	5.324337612	6.018402328
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9.293826849	9.322086781	10.55522031	12.75486317	13.99277284
0.886308287	0.907701582	0.883539678	0.956360944	0.954754584
0.692949134	0.675613403	0.699164848	0.704855379	0.686288445
5.875307093	6.202117609	5.963860373	5.867186477	6.643485277
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