RAW Lag (seconds)	RAW Frequency (Hz)	RAW Level (db)	SAF Lag (seconds)
0.000063	16000	1.562196	0.000063
0.000125	8000	0.310045	0.000125
0.000188	5333.333333	0.328663	0.000188
0.00025	4000	-0.014783	0.00025
0.000313	3200	0.303396	0.000313
0.000375	2666.666667	-0.065879	0.000375
0.000438	2285.714286	0.179111	0.000438
0.0005	2000	-0.155806	0.0005
0.000562	1777.777778	0.059895	0.000562
0.000625	1600	-0.121929	0.000625
0.000687	1454.545455	0.041613	0.000687
0.00075	1333.333333	-0.046123	0.00075
0.000812	1230.769231	0.055392	0.000812
0.000875	1142.857143	-0.075827	0.000875
0.000937	1066.666667	0.022107	0.000937
0.001	1000	-0.00668	0.001
0.001063	941.176471	0.068065	0.001063
0.001125	888.888889	0.021132	0.001125
0.001187	842.105263	0.043836	0.001187
0.00125	800	-0.00139	0.00125
0.001313	761.904762	0.021451	0.001313
0.001375	727.272727	0.016647	0.001375
0.001437	695.652174	0.013844	0.001437
0.0015	666.666667	0.025327	0.0015
0.001563	640	0.014529	0.001563
0.001625	615.384615	0.016872	0.001625
0.001687	592.592593	-0.00217	0.001687
0.00175	571.428571	0.008224	0.00175
0.001813	551.724138	-0.002201	0.001813
0.001875	533.333333	-0.006231	0.001875
0.001937	516.129032	-0.012734	0.001937
0.002	500	-0.002339	0.002
0.002063	484.848485	-0.00755	0.002063
0.002125	470.588235	-0.007488	0.002125
0.002188	457.142857	-0.003187	0.002188
0.00225	444.444444	0.00341	0.00225
0.002312	432.432432	-0.006065	0.002312
0.002375	421.052632	0.008515	0.002375
0.002437	410.25641	0.011381	0.002437
0.0025	400	0.013921	0.0025
0.002563	390.243902	0.005724	0.002563
0.002625	380.952381	0.001372	0.002625
0.002687	372.093023	-0.002094	0.002687
0.00275	363.636364	-0.002219	0.00275

0.002812	355.555556	0.004213	0.002812
0.002875	347.826087	0.010886	0.002875
0.002938	340.425532	0.009308	0.002938
0.003	333.333333	0.006713	0.003
0.003063	326.530612	0.003851	0.003063
0.003125	320	0.003004	0.003125
0.003187	313.72549	0.00177	0.003187
0.00325	307.692308	-0.000172	0.00325
0.003312	301.886792	0.000418	0.003312
0.003375	296.296296	0.001434	0.003375
0.003438	290.909091	0.001661	0.003438
0.0035	285.714286	-0.002407	0.0035
0.003563	280.701754	0.001814	0.003563
0.003625	275.862069	-0.000277	0.003625
0.003687	271.186441	-0.003387	0.003687
0.00375	266.666667	-0.007819	0.00375
0.003812	262.295082	-0.001858	0.003812
0.003875	258.064516	-0.002351	0.003875
0.003938	253.968254	-0.001133	0.003938
0.004	250	-0.002448	0.004
0.004063	246.153846	-0.003259	0.004063
0.004125	242.424242	-0.009025	0.004125
0.004188	238.80597	-0.011051	0.004188
0.00425	235.294118	-0.01126	0.00425
0.004313	231.884058	-0.006633	0.004313
0.004375	228.571429	-0.007812	0.004375
0.004437	225.352113	-0.004056	0.004437
0.0045	222.222222	-0.007312	0.0045
0.004562	219.178082	-0.006968	0.004562
0.004625	216.216216	-0.00749	0.004625
0.004687	213.333333	-0.007082	0.004687
0.00475	210.526316	-0.010907	0.00475
0.004812	207.792208	-0.007051	0.004812
0.004875	205.128205	-0.007073	0.004875
0.004938	202.531646	-0.006096	0.004938
0.005	200	-0.00563	0.005
0.005063	197.530864	-0.001544	0.005063
0.005125	195.121951	-0.003021	0.005125
0.005188	192.771084	0.000104	0.005188
0.00525	190.47619	-0.004403	0.00525
0.005313	188.235294	-0.006084	0.005313
0.005375	186.046512	-0.004854	0.005375
0.005437	183.908046	0.00086	0.005437
0.0055	181.818182	0.000763	0.0055
0.005562	179.775281	0.000606	0.005562
0.005625	177.777778	0.003566	0.005625
0.005687	175.824176	0.005336	0.005687

0.00575	173.913043	0.00264	0.00575
0.005812	172.043011	0.000899	0.005812
0.005875	170.212766	-0.000916	0.005875
0.005938	168.421053	0.000653	0.005938
0.006	166.666667	0.00107	0.006
0.006063	164.948454	0.00024	0.006063
0.006125	163.265306	-0.005543	0.006125
0.006188	161.616162	-0.003387	0.006188
0.00625	160	-0.002034	0.00625
0.006313	158.415842	-0.00473	0.006313
0.006375	156.862745	-0.006693	0.006375
0.006437	155.339806	-0.000737	0.006437
0.0065	153.846154	-0.005642	0.0065
0.006562	152.380952	-0.00765	0.006562
0.006625	150.943396	-0.008245	0.006625
0.006687	149.53271	-0.005531	0.006687
0.00675	148.148148	-0.005503	0.00675
0.006812	146.788991	-0.001468	0.006812
0.006875	145.454545	-0.005536	0.006875
0.006938	144.144144	-0.00671	0.006938
0.007	142.857143	-0.007278	0.007
0.007063	141.59292	-0.008123	0.007063
0.007125	140.350877	-0.008579	0.007125
0.007188	139.130435	-0.007442	0.007188
0.00725	137.931034	-0.009526	0.00725
0.007313	136.752137	-0.007962	0.007313
0.007375	135.59322	-0.005786	0.007375
0.007437	134.453782	-0.000687	0.007437
0.0075	133.333333	-0.003007	0.0075
0.007562	132.231405	-0.00354	0.007562
0.007625	131.147541	-0.006555	0.007625
0.007687	130.081301	-0.002416	0.007687
0.00775	129.032258	-0.005238	0.00775
0.007812	128	-0.004243	0.007812
0.007875	126.984127	-0.004499	0.007875
0.007938	125.984252	-0.00402	0.007938
0.008	125	-0.00649	0.008
0.008063	124.031008	-0.005322	0.008063
0.008125	123.076923	-0.004206	0.008125
0.008188	122.137405	-0.002774	0.008188
0.00825	121.212121	-0.005566	0.00825
0.008313	120.300752	-0.006538	0.008313
0.008375	119.402985	-0.00633	0.008375
0.008438	118.518519	-0.001935	0.008438
0.0085	117.647059	-0.002243	0.0085
0.008563	116.788321	-0.000544	0.008563
0.008625	115.942029	-0.003164	0.008625

0.008688	115.107914	-0.004911	0.008688
0.00875	114.285714	-0.009125	0.00875
0.008812	113.475177	-0.006968	0.008812
0.008875	112.676056	-0.007199	0.008875
0.008937	111.888112	-0.003637	0.008937
0.009	111.111111	-0.00381	0.009
0.009062	110.344828	-0.004584	0.009062
0.009125	109.589041	-0.007894	0.009125
0.009187	108.843537	-0.004461	0.009187
0.00925	108.108108	-0.003048	0.00925
0.009312	107.38255	-0.002414	0.009312
0.009375	106.666667	-0.00477	0.009375
0.009437	105.960265	-0.005798	0.009437
0.0095	105.263158	-0.006649	0.0095
0.009562	104.575163	-0.003454	0.009562
0.009625	103.896104	-0.000946	0.009625
0.009687	103.225806	-0.00352	0.009687
0.00975	102.564103	-0.005203	0.00975
0.009813	101.910828	-0.004915	0.009813
0.009875	101.265823	-0.003956	0.009875
0.009938	100.628931	-0.003377	0.009938
0.01	100	-0.006179	0.01
0.010063	99.378882	-0.004081	0.010063
0.010125	98.765432	-0.007606	0.010125
0.010188	98.159509	-0.004121	0.010188
0.01025	97.560976	-0.006735	0.01025
0.010313	96.969697	-0.004785	0.010313
0.010375	96.385542	-0.007667	0.010375
0.010438	95.808383	-0.005216	0.010438
0.0105	95.238095	-0.006212	0.0105
0.010563	94.674556	-0.005284	0.010563
0.010625	94.117647	-0.0051	0.010625
0.010688	93.567251	-0.004869	0.010688
0.01075	93.023256	-0.008677	0.01075
0.010812	92.485549	-0.007668	0.010812
0.010875	91.954023	-0.009099	0.010875
0.010937	91.428571	-0.008422	0.010937
0.011	90.909091	-0.00945	0.011
0.011062	90.39548	-0.006905	0.011062
0.011125	89.88764	-0.007599	0.011125
0.011187	89.385475	-0.00881	0.011187
0.01125	88.888889	-0.009374	0.01125
0.011312	88.39779	-0.005489	0.011312
0.011375	87.912088	-0.006058	0.011375
0.011437	87.431694	-0.005717	0.011437
0.0115	86.956522	-0.005659	0.0115
0.011562	86.486486	-0.003532	0.011562

0.011625	86.021505	-0.005177	0.011625
0.011687	85.561497	-0.003859	0.011687
0.01175	85.106383	-0.004863	0.01175
0.011813	84.656085	-0.003884	0.011813
0.011875	84.210526	-0.004705	0.011875
0.011938	83.769634	-0.003717	0.011938
0.012	83.333333	-0.009314	0.012
0.012063	82.901554	-0.004338	0.012063
0.012125	82.474227	-0.004525	0.012125
0.012188	82.051282	-0.001655	0.012188
0.01225	81.632653	-0.003277	0.01225
0.012313	81.218274	-0.002291	0.012313
0.012375	80.808081	-0.004097	0.012375
0.012438	80.40201	-0.002788	0.012438
0.0125	80	-0.002701	0.0125
0.012563	79.60199	-0.001454	0.012563
0.012625	79.207921	-0.002734	0.012625
0.012688	78.817734	-0.000131	0.012688
0.01275	78.431373	-0.001949	0.01275
0.012812	78.04878	-0.000239	0.012812
0.012875	77.669903	-0.001113	0.012875
0.012937	77.294686	-0.000522	0.012937
0.013	76.923077	-0.00165	0.013
0.013062	76.555024	0.001011	0.013062
0.013125	76.190476	-0.000644	0.013125
0.013187	75.829384	-0.001827	0.013187
0.01325	75.471698	-0.003554	0.01325
0.013312	75.117371	-0.002493	0.013312
0.013375	74.766355	-0.001368	0.013375
0.013437	74.418605	-0.000304	0.013437
0.0135	74.074074	-0.004406	0.0135
0.013562	73.732719	-0.002153	0.013562
0.013625	73.394495	-0.002879	0.013625
0.013688	73.059361	-0.00009	0.013688
0.01375	72.727273	-0.003667	0.01375
0.013813	72.39819	-0.002755	0.013813
0.013875	72.072072	-0.003589	0.013875
0.013938	71.748879	-0.003126	0.013938
0.014	71.428571	-0.004935	0.014
0.014063	71.111111	-0.008086	0.014063
0.014125	70.79646	-0.007383	0.014125
0.014188	70.484581	-0.004073	0.014188
0.01425	70.175439	-0.005105	0.01425
0.014313	69.868996	-0.003557	0.014313
0.014375	69.565217	-0.004556	0.014375
0.014438	69.264069	-0.005423	0.014438
0.0145	68.965517	-0.00558	0.0145

0.014563	68.669528	-0.003456	0.014563
0.014625	68.376068	-0.003016	0.014625
0.014687	68.085106	-0.001438	0.014687
0.01475	67.79661	-0.004809	0.01475
0.014812	67.510549	-0.002512	0.014812
0.014875	67.226891	-0.003906	0.014875
0.014937	66.945607	-0.002278	0.014937
0.015	66.666667	-0.003963	0.015
0.015062	66.390041	-0.001384	0.015062
0.015125	66.115702	-0.001879	0.015125
0.015187	65.843621	-0.000075	0.015187
0.01525	65.57377	0.000318	0.01525
0.015312	65.306122	0.004032	0.015312
0.015375	65.04065	0.003096	0.015375
0.015437	64.777328	0.001159	0.015437
0.0155	64.516129	-0.00151	0.0155
0.015562	64.257028	0.000223	0.015562
0.015625	64	-0.001624	0.015625
0.015688	63.74502	0.001711	0.015688
0.01575	63.492063	0.00263	0.01575
0.015813	63.241107	0.003824	0.015813
0.015875	62.992126	0.001649	0.015875
0.015938	62.745098	0.001661	0.015938
0.016	62.5	0.000371	0.016
0.016063	62.256809	0.004159	0.016063
0.016125	62.015504	0.002776	0.016125
0.016188	61.776062	0.001359	0.016188
0.01625	61.538462	-0.001976	0.01625
0.016313	61.302682	-0.001818	0.016313
0.016375	61.068702	-0.002204	0.016375
0.016438	60.836502	-0.000444	0.016438
0.0165	60.606061	-0.001881	0.0165
0.016563	60.377358	-0.000808	0.016563
0.016625	60.150376	-0.001794	0.016625
0.016688	59.925094	0.000369	0.016688
0.01675	59.701493	-0.002042	0.01675
0.016813	59.479554	-0.000974	0.016813
0.016875	59.259259	-0.00112	0.016875
0.016938	59.04059	-0.000663	0.016938
0.017	58.823529	-0.003875	0.017
0.017063	58.608059	-0.00151	0.017063
0.017125	58.394161	-0.002142	0.017125
0.017188	58.181818	-0.000353	0.017188
0.01725	57.971014	-0.002067	0.01725
0.017313	57.761733	-0.000613	0.017313
0.017375	57.553957	-0.00168	0.017375
0.017438	57.34767	-0.00003	0.017438

0.0175	57.142857	-0.004468	0.0175
0.017563	56.939502	-0.002037	0.017563
0.017625	56.737589	-0.001674	0.017625
0.017687	56.537102	-0.000263	0.017687
0.01775	56.338028	-0.002197	0.01775
0.017812	56.140351	-0.002276	0.017812
0.017875	55.944056	-0.00064	0.017875
0.017937	55.749129	0.000454	0.017937
0.018	55.555556	-0.000477	0.018
0.018062	55.363322	0.001709	0.018062
0.018125	55.172414	-0.000618	0.018125
0.018187	54.982818	0.002915	0.018187
0.01825	54.794521	0.00226	0.01825
0.018312	54.607509	0.001915	0.018312
0.018375	54.421769	0.000398	0.018375
0.018437	54.237288	0.002638	0.018437
0.0185	54.054054	0.001793	0.0185
0.018562	53.872054	0.00328	0.018562
0.018625	53.691275	0.000161	0.018625
0.018687	53.511706	0.001517	0.018687
0.01875	53.333333	0.000546	0.01875
0.018812	53.156146	0.002176	0.018812
0.018875	52.980132	0.000265	0.018875
0.018937	52.805281	0.000327	0.018937
0.019	52.631579	-0.000991	0.019
0.019062	52.459016	0.001029	0.019062
0.019125	52.287582	-0.000806	0.019125
0.019187	52.117264	0.000024	0.019187
0.01925	51.948052	-0.002047	0.01925
0.019312	51.779935	-0.000188	0.019312
0.019375	51.612903	-0.002676	0.019375
0.019437	51.446945	-0.002306	0.019437
0.0195	51.282051	-0.002169	0.0195
0.019563	51.118211	-0.001704	0.019563
0.019625	50.955414	-0.00276	0.019625
0.019688	50.793651	-0.002373	0.019688
0.01975	50.632911	-0.004851	0.01975
0.019813	50.473186	-0.004499	0.019813
0.019875	50.314465	-0.004855	0.019875
0.019938	50.15674	-0.002719	0.019938
0.02	50	-0.004792	0.02
0.020063	49.844237	-0.00215	0.020063
0.020125	49.689441	-0.003214	0.020125
0.020188	49.535604	-0.001099	0.020188
0.02025	49.382716	-0.002958	0.02025
0.020313	49.230769	-0.003217	0.020313
0.020375	49.079755	-0.003352	0.020375

0.020438	48.929664	-0.000377	0.020438
0.0205	48.780488	-0.000705	0.0205
0.020563	48.632219	0.001843	0.020563
0.020625	48.484848	-0.000527	0.020625
0.020688	48.338369	0.001052	0.020688
0.02075	48.192771	0.000451	0.02075
0.020813	48.048048	0.000539	0.020813
0.020875	47.904192	-0.000683	0.020875
0.020938	47.761194	0.001652	0.020938
0.021	47.619048	-0.000171	0.021
0.021063	47.477745	0.000767	0.021063
0.021125	47.337278	-0.001433	0.021125
0.021188	47.19764	0.000209	0.021188
0.02125	47.058824	-0.001491	0.02125
0.021313	46.920821	0.00037	0.021313
0.021375	46.783626	-0.000268	0.021375
0.021438	46.64723	-0.000682	0.021438
0.0215	46.511628	-0.001695	0.0215
0.021562	46.376812	-0.001033	0.021562
0.021625	46.242775	-0.001422	0.021625
0.021687	46.10951	-0.001113	0.021687
0.02175	45.977011	-0.001689	0.02175
0.021812	45.845272	-0.002111	0.021812
0.021875	45.714286	-0.003363	0.021875
0.021937	45.584046	-0.001896	0.021937
0.022	45.454545	-0.003829	0.022
0.022062	45.325779	-0.002059	0.022062
0.022125	45.19774	-0.003913	0.022125
0.022187	45.070423	-0.003393	0.022187
0.02225	44.94382	-0.004186	0.02225
0.022312	44.817927	-0.0029	0.022312
0.022375	44.692737	-0.004357	0.022375
0.022437	44.568245	-0.003873	0.022437
0.0225	44.444444	-0.004059	0.0225
0.022562	44.32133	-0.002752	0.022562
0.022625	44.198895	-0.003949	0.022625
0.022687	44.077135	-0.003913	0.022687
0.02275	43.956044	-0.00482	0.02275
0.022812	43.835616	-0.002262	0.022812
0.022875	43.715847	-0.00391	0.022875
0.022937	43.59673	-0.003025	0.022937
0.023	43.478261	-0.00522	0.023
0.023062	43.360434	-0.002841	0.023062
0.023125	43.243243	-0.003692	0.023125
0.023187	43.126685	-0.001447	0.023187
0.02325	43.010753	-0.003975	0.02325
0.023312	42.895442	-0.002755	0.023312

0.023375	42.780749	-0.001555	0.023375
0.023438	42.666667	-0.001325	0.023438
0.0235	42.553191	-0.003433	0.0235
0.023563	42.440318	-0.002636	0.023563
0.023625	42.328042	-0.00378	0.023625
0.023688	42.216359	-0.002528	0.023688
0.02375	42.105263	-0.003184	0.02375
0.023813	41.994751	-0.001834	0.023813
0.023875	41.884817	-0.00337	0.023875
0.023938	41.775457	-0.001239	0.023938
0.024	41.666667	-0.002905	0.024
0.024063	41.558442	-0.001759	0.024063
0.024125	41.450777	-0.0022	0.024125
0.024188	41.343669	-0.001969	0.024188
0.02425	41.237113	-0.002635	0.02425
0.024313	41.131105	-0.001453	0.024313
0.024375	41.025641	-0.002227	0.024375
0.024438	40.920716	0.000187	0.024438
0.0245	40.816327	-0.001686	0.0245
0.024563	40.712468	-0.000442	0.024563
0.024625	40.609137	-0.002126	0.024625
0.024688	40.506329	-0.001368	0.024688
0.02475	40.40404	-0.003752	0.02475
0.024813	40.302267	-0.001648	0.024813
0.024875	40.201005	-0.001608	0.024875
0.024938	40.100251	-0.000804	0.024938
0.025	40	-0.002586	0.025
0.025063	39.900249	-0.001467	0.025063
0.025125	39.800995	-0.003434	0.025125
0.025188	39.702233	-0.002656	0.025188
0.02525	39.60396	-0.003111	0.02525
0.025313	39.506173	-0.001693	0.025313
0.025375	39.408867	-0.003448	0.025375
0.025437	39.312039	-0.002665	0.025437
0.0255	39.215686	-0.003978	0.0255
0.025562	39.119804	-0.001423	0.025562
0.025625	39.02439	-0.002718	0.025625
0.025687	38.92944	-0.001122	0.025687
0.02575	38.834951	-0.001941	0.02575
0.025812	38.74092	-0.000505	0.025812
0.025875	38.647343	-0.00271	0.025875
0.025937	38.554217	-0.001343	0.025937
0.026	38.461538	-0.003535	0.026
0.026062	38.369305	-0.002057	0.026062
0.026125	38.277512	-0.002011	0.026125
0.026187	38.186158	-0.000858	0.026187
0.02625	38.095238	-0.001322	0.02625

0.026312	38.004751	-0.001034	0.026312
0.026375	37.914692	-0.001897	0.026375
0.026437	37.825059	0.00004	0.026437
0.0265	37.735849	-0.001273	0.0265
0.026562	37.647059	-0.000303	0.026562
0.026625	37.558685	-0.002297	0.026625
0.026687	37.470726	-0.000294	0.026687
0.02675	37.383178	-0.002203	0.02675
0.026812	37.296037	-0.001318	0.026812
0.026875	37.209302	-0.001959	0.026875
0.026937	37.12297	-0.001016	0.026937
0.027	37.037037	-0.002456	0.027
0.027062	36.951501	-0.001362	0.027062
0.027125	36.866359	-0.001824	0.027125
0.027187	36.781609	-0.000238	0.027187
0.02725	36.697248	-0.00179	0.02725
0.027312	36.613272	-0.000312	0.027312
0.027375	36.52968	-0.001454	0.027375
0.027438	36.446469	-0.000251	0.027438
0.0275	36.363636	-0.002478	0.0275
0.027563	36.281179	-0.001824	0.027563
0.027625	36.199095	-0.002891	0.027625
0.027688	36.117381	-0.000985	0.027688
0.02775	36.036036	-0.001652	0.02775
0.027813	35.955056	-0.000457	0.027813
0.027875	35.874439	-0.00207	0.027875
0.027938	35.794183	-0.001275	0.027938
0.028	35.714286	-0.00105	0.028
0.028063	35.634744	-0.000574	0.028063
0.028125	35.555556	-0.001687	0.028125
0.028188	35.476718	-0.000469	0.028188
0.02825	35.39823	-0.001927	0.02825
0.028313	35.320088	-0.000237	0.028313
0.028375	35.242291	-0.002163	0.028375
0.028438	35.164835	-0.000276	0.028438
0.0285	35.087719	-0.00237	0.0285
0.028563	35.010941	-0.000028	0.028563
0.028625	34.934498	-0.001502	0.028625
0.028688	34.858388	0.000309	0.028688
0.02875	34.782609	-0.000831	0.02875
0.028813	34.707158	-0.00006	0.028813
0.028875	34.632035	-0.00159	0.028875
0.028938	34.557235	0.000148	0.028938
0.029	34.482759	-0.001053	0.029
0.029063	34.408602	-0.000616	0.029063
0.029125	34.334764	-0.00122	0.029125
0.029188	34.261242	-0.000249	0.029188

0.02925	34.188034	-0.001234	0.02925
0.029312	34.115139	0.000128	0.029312
0.029375	34.042553	-0.001013	0.029375
0.029437	33.970276	0.000632	0.029437
0.0295	33.898305	-0.00064	0.0295
0.029562	33.826638	0.000759	0.029562
0.029625	33.755274	-0.001251	0.029625
0.029687	33.684211	0.000165	0.029687
0.02975	33.613445	-0.001768	0.02975
0.029812	33.542977	0.000404	0.029812
0.029875	33.472803	-0.000958	0.029875
0.029937	33.402923	0.000619	0.029937
0.03	33.333333	-0.000703	0.03
0.030062	33.264033	0.000509	0.030062
0.030125	33.195021	-0.000345	0.030125
0.030187	33.126294	0.000988	0.030187
0.03025	33.057851	-0.000901	0.03025
0.030312	32.989691	0.000761	0.030312
0.030375	32.921811	-0.001331	0.030375
0.030437	32.854209	0.001229	0.030437
0.0305	32.786885	-0.001506	0.0305
0.030562	32.719836	0.000328	0.030562
0.030625	32.653061	-0.000525	0.030625
0.030687	32.586558	0.001247	0.030687
0.03075	32.520325	0.000494	0.03075
0.030812	32.454361	0.002248	0.030812
0.030875	32.388664	0.000483	0.030875
0.030937	32.323232	0.001756	0.030937
0.031	32.258065	-0.000011	0.031
0.031062	32.193159	0.000508	0.031062
0.031125	32.128514	0.000064	0.031125
0.031187	32.064128	0.001445	0.031187
0.03125	32	0.000838	0.03125
0.031313	31.936128	0.002324	0.031313
0.031375	31.87251	0.000466	0.031375
0.031438	31.809145	0.001013	0.031438
0.0315	31.746032	0.000589	0.0315
0.031563	31.683168	0.001331	0.031563
0.031625	31.620553	-0.001097	0.031625
0.031688	31.558185	0.001262	0.031688
0.03175	31.496063	-0.000306	0.03175
0.031813	31.434185	0.001064	0.031813
0.031875	31.372549	-0.000551	0.031875
0.031938	31.311155	0.00077	0.031938

SAF Frequency (Hz)	SAF Level (db)
16000	1.996545
8000	-0.018679
5333.333333	-0.189239
4000	-0.115018
3200	0.047415
2666.666667	-0.139661
2285.714286	0.059091
2000	-0.08245
1777.777778	0.050903
1600	-0.021271
1454.545455	0.061107
1333.333333	0.061886
1230.769231	0.095679
1142.857143	-0.063117
1066.666667	-0.058044
1000	-0.037019
941.176471	-0.016165
888.888889	-0.045175
842.105263	-0.023207
800	-0.095041
761.904762	-0.054147
727.272727	-0.042302
695.652174	-0.017609
666.666667	-0.003801
640	0.003496
615.384615	0.001481
592.592593	-0.003941
571.428571	-0.002446
551.724138	0.003366
533.333333	-0.03437
516.129032	-0.046633
500	-0.00296
484.848485	-0.02692
470.588235	-0.035347
457.142857	-0.026817
444.444444	-0.004156
432.432432	-0.039006
421.052632	-0.011719
410.25641	0.007986
400	0.019567
390.243902	-0.017934
380.952381	-0.009866
372.093023	0.008078
363.636364	-0.016759

355.555556	0.017673
347.826087	-0.013984
340.425532	-0.010477
333.333333	0.001072
326.530612	-0.026773
320	-0.001855
313.72549	-0.009794
307.692308	-0.022833
301.886792	-0.004314
296.296296	-0.01975
290.909091	0.004854
285.714286	-0.030673
280.701754	-0.022318
275.862069	-0.00009
271.186441	-0.01176
266.666667	-0.039593
262.295082	-0.006872
258.064516	-0.01357
253.968254	-0.018716
250	0.01043
246.153846	-0.016672
242.424242	-0.015834
238.80597	-0.008452
235.294118	-0.013406
231.884058	0.000124
228.571429	-0.005079
225.352113	-0.014424
222.222222	-0.003205
219.178082	-0.01632
216.216216	-0.022016
213.333333	-0.006299
210.526316	-0.013085
207.792208	-0.029682
205.128205	0.005068
202.531646	-0.018733
200	0.003933
197.530864	-0.005008
195.121951	0.011226
192.771084	0.00064
190.47619	0.002124
188.235294	0.008996
186.046512	-0.014224
183.908046	0.021735
181.818182	0.00923
179.775281	0.001486
177.777778	-0.00791
175.824176	0.009934

173.913043	-0.003234
172.043011	-0.011114
170.212766	-0.014093
168.421053	0.002127
166.666667	0.000238
164.948454	-0.006465
163.265306	-0.010153
161.616162	-0.008066
160	-0.009338
158.415842	-0.000874
156.862745	-0.008889
155.339806	0.007982
153.846154	0.002725
152.380952	-0.012301
150.943396	0.004653
149.53271	-0.015162
148.148148	-0.011285
146.788991	0.00553
145.454545	-0.000546
144.144144	-0.005399
142.857143	-0.007855
141.59292	-0.014654
140.350877	-0.009747
139.130435	-0.004198
137.931034	-0.021801
136.752137	-0.017629
135.59322	-0.003044
134.453782	-0.001141
133.333333	-0.004752
132.231405	-0.013125
131.147541	-0.009267
130.081301	-0.013055
129.032258	-0.010667
128	-0.003447
126.984127	-0.007065
125.984252	-0.00523
125	-0.010184
124.031008	-0.003288
123.076923	-0.023661
122.137405	-0.008674
121.212121	-0.010045
120.300752	-0.029425
119.402985	-0.006502
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116.788321	-0.001017
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115.107914	-0.004932
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113.475177	-0.012276
112.676056	0.012674
111.888112	0.005426
111.111111	-0.00721
110.344828	0.002363
109.589041	0.00403
108.843537	-0.00016
108.108108	0.005991
107.38255	-0.011958
106.666667	0.001194
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105.263158	-0.011535
104.575163	-0.00915
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103.225806	-0.00037
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101.910828	-0.006801
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100	-0.005477
99.378882	0.000954
98.765432	-0.013232
98.159509	-0.002089
97.560976	-0.005301
96.969697	-0.002212
96.385542	-0.008473
95.808383	-0.001405
95.238095	0.008678
94.674556	-0.003694
94.117647	0.002301
93.567251	-0.00291
93.023256	-0.001094
92.485549	-0.015461
91.954023	-0.011552
91.428571	-0.011066
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90.39548	-0.006068
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89.385475	-0.001291
88.888889	-0.012818
88.39779	-0.005262
87.912088	-0.00348
87.431694	-0.007759
86.956522	-0.004555
86.486486	-0.005721

86.021505	-0.001783
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85.106383	-0.000231
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83.769634	-0.007196
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82.901554	-0.001702
82.474227	-0.001084
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81.218274	0.004317
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80.40201	0.00014
80	0.007357
79.60199	0.002346
79.207921	-0.006939
78.817734	0.014661
78.431373	0.007948
78.04878	0.000205
77.669903	0.005523
77.294686	0.003732
76.923077	0.009242
76.555024	0.005715
76.190476	-0.000092
75.829384	0.000838
75.471698	-0.005821
75.117371	0.005728
74.766355	0.007896
74.418605	-0.001654
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73.732719	0.002716
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73.059361	0.003375
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71.111111	-0.005468
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65.57377	0.006139
65.306122	0.007838
65.04065	0.010802
64.777328	-0.005277
64.516129	0.003103
64.257028	0.000299
64	0.000197
63.74502	-0.002576
63.492063	0.003323
63.241107	0.009596
62.992126	-0.006271
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61.776062	0.005658
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61.302682	0.00268
61.068702	0.001389
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59.925094	0.000105
59.701493	-0.001809
59.479554	-0.003228
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58.608059	0.000783
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54.982818	0.002589
54.794521	-0.000582
54.607509	-0.000637
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53.872054	0.003935
53.691275	0.00295
53.511706	0.000819
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53.156146	0.002023
52.980132	-0.002468
52.805281	-0.002007
52.631579	0.001207
52.459016	-0.001993
52.287582	0.000101
52.117264	-0.00102
51.948052	-0.002676
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51.612903	-0.001508
51.446945	-0.002695
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48.192771	-0.000825
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47.904192	0.00019
47.761194	-0.000597
47.619048	0.000107
47.477745	0.001705
47.337278	0.000657
47.19764	-0.002796
47.058824	-0.001474
46.920821	0.002606
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46.64723	-0.000033
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41.775457	0.000925
41.666667	-0.00057
41.558442	-0.000244
41.450777	0.000406
41.343669	-0.001225
41.237113	-0.001469
41.131105	-0.001013
41.025641	-0.000948
40.920716	0.00035
40.816327	0.000319
40.712468	0.001204
40.609137	-0.000436
40.506329	-0.000737
40.40404	-0.000773
40.302267	-0.000916
40.201005	0.000468
40.100251	0.000933
40	-0.000304
39.900249	-0.000534
39.800995	-0.001984
39.702233	-0.001032
39.60396	0.000291
39.506173	0.000134
39.408867	-0.001145
39.312039	-0.000801
39.215686	-0.00141
39.119804	-0.000763
39.02439	-0.000992
38.92944	0.000096
38.834951	0.000033
38.74092	0.000166
38.647343	-0.000965
38.554217	0.00043
38.461538	-0.002458
38.369305	-0.001164
38.277512	-0.000771
38.186158	0.000168
38.095238	-0.001108

38.004751	-0.000604
37.914692	0.000235
37.825059	0.00089
37.735849	-0.000168
37.647059	0.000265
37.558685	-0.000026
37.470726	-0.00051
37.383178	-0.000321
37.296037	-0.001082
37.209302	-0.000958
37.12297	-0.000513
37.037037	-0.001297
36.951501	-0.000742
36.866359	0.000199
36.781609	0.000186
36.697248	0.000261
36.613272	0.000332
36.52968	-0.000369
36.446469	0.000328
36.363636	-0.000527
36.281179	-0.001154
36.199095	-0.001028
36.117381	-0.000732
36.036036	-0.000392
35.955056	0.000045
35.874439	-0.000705
35.794183	0.000424
35.714286	0.000526
35.634744	0.000435
35.555556	-0.000831
35.476718	-0.000531
35.39823	-0.000841
35.320088	-0.000856
35.242291	-0.000775
35.164835	-0.000558
35.087719	-0.001307
35.010941	-0.000462
34.934498	-0.000409
34.858388	0.000352
34.782609	-0.000205
34.707158	-0.000201
34.632035	-0.000969
34.557235	-0.000033
34.482759	-0.000927
34.408602	-0.000959
34.334764	-0.000498
34.261242	-0.000318

34.188034	-0.000809
34.115139	0.00003
34.042553	-0.001015
33.970276	0.000535
33.898305	0.000048
33.826638	-0.000555
33.755274	-0.001811
33.684211	-0.000299
33.613445	-0.000699
33.542977	-0.000494
33.472803	-0.000934
33.402923	-0.000137
33.333333	-0.001176
33.264033	-0.000253
33.195021	-0.000312
33.126294	-0.000096
33.057851	-0.000704
32.989691	0.000587
32.921811	-0.000434
32.854209	-0.00074
32.786885	-0.000832
32.719836	-0.000671
32.653061	-0.000299
32.586558	-0.000474
32.520325	-0.000185
32.454361	0.000201
32.388664	-0.000307
32.323232	0.000369
32.258065	-0.001225
32.193159	-0.000546
32.128514	-0.000663
32.064128	-0.00079
32	0.000317
31.936128	0.000682
31.87251	-0.000626
31.809145	0.000663
31.746032	-0.000328
31.683168	0.000986
31.620553	-0.001044
31.558185	-0.000876
31.496063	-0.000523
31.434185	-0.000563
31.372549	-0.00206
31.311155	0.000339

RAW Lag (seconds)	RAW Frequency (Hz)	RAW Level (db)	SAF Lag (seconds)
0.000063	16000	91.618797	0.000063
0.000125	8000	36.503525	0.000125
0.000188	5333.333333	19.411718	0.000188
0.00025	4000	10.243179	0.00025
0.000313	3200	13.346285	0.000313
0.000375	2666.666667	8.267985	0.000375
0.000438	2285.714286	9.732568	0.000438
0.0005	2000	-0.082896	0.0005
0.000562	1777.777778	1.149553	0.000562
0.000625	1600	-1.671252	0.000625
0.000687	1454.545455	1.453258	0.000687
0.00075	1333.333333	3.271705	0.00075
0.000812	1230.769231	3.367662	0.000812
0.000875	1142.857143	-1.676614	0.000875
0.000937	1066.666667	-0.304759	0.000937
0.001	1000	2.269096	0.001
0.001063	941.176471	4.994075	0.001063
0.001125	888.888889	4.283647	0.001125
0.001187	842.105263	2.975852	0.001187
0.00125	800	1.265471	0.00125
0.001313	761.904762	1.396659	0.001313
0.001375	727.272727	2.505163	0.001375
0.001437	695.652174	2.432683	0.001437
0.0015	666.666667	2.841075	0.0015
0.001563	640	2.287517	0.001563
0.001625	615.384615	1.596275	0.001625
0.001687	592.592593	0.812423	0.001687
0.00175	571.428571	0.795597	0.00175
0.001813	551.724138	-0.45311	0.001813
0.001875	533.333333	-1.521697	0.001875
0.001937	516.129032	-1.561421	0.001937
0.002	500	-1.132273	0.002
0.002063	484.848485	-1.067019	0.002063
0.002125	470.588235	-0.878621	0.002125
0.002188	457.142857	-0.362998	0.002188
0.00225	444.444444	-0.164722	0.00225
0.002312	432.432432	-0.278081	0.002312
0.002375	421.052632	0.554587	0.002375
0.002437	410.25641	1.524128	0.002437
0.0025	400	1.68601	0.0025
0.002563	390.243902	1.068461	0.002563
0.002625	380.952381	0.378732	0.002625
0.002687	372.093023	0.207621	0.002687
0.00275	363.636364	0.414715	0.00275

0.002812	355.555556	1.011322	0.002812
0.002875	347.826087	1.490546	0.002875
0.002938	340.425532	1.570602	0.002938
0.003	333.333333	1.16758	0.003
0.003063	326.530612	0.749152	0.003063
0.003125	320	0.564707	0.003125
0.003187	313.72549	0.542244	0.003187
0.00325	307.692308	0.215939	0.00325
0.003312	301.886792	-0.061648	0.003312
0.003375	296.296296	-0.162263	0.003375
0.003438	290.909091	-0.192419	0.003438
0.0035	285.714286	-0.202253	0.0035
0.003563	280.701754	-0.07786	0.003563
0.003625	275.862069	-0.321034	0.003625
0.003687	271.186441	-0.722892	0.003687
0.00375	266.666667	-0.903792	0.00375
0.003812	262.295082	-0.854756	0.003812
0.003875	258.064516	-0.680505	0.003875
0.003938	253.968254	-0.447349	0.003938
0.004	250	-0.467143	0.004
0.004063	246.153846	-0.957505	0.004063
0.004125	242.424242	-1.389439	0.004125
0.004188	238.80597	-1.672317	0.004188
0.00425	235.294118	-1.725673	0.00425
0.004313	231.884058	-1.590569	0.004313
0.004375	228.571429	-1.43456	0.004375
0.004437	225.352113	-1.475898	0.004437
0.0045	222.222222	-1.568019	0.0045
0.004562	219.178082	-1.53486	0.004562
0.004625	216.216216	-1.553728	0.004625
0.004687	213.333333	-1.507447	0.004687
0.00475	210.526316	-1.469382	0.00475
0.004812	207.792208	-1.324047	0.004812
0.004875	205.128205	-1.243794	0.004875
0.004938	202.531646	-1.206481	0.004938
0.005	200	-0.904838	0.005
0.005063	197.530864	-0.518102	0.005063
0.005125	195.121951	-0.398056	0.005125
0.005188	192.771084	-0.303239	0.005188
0.00525	190.47619	-0.461717	0.00525
0.005313	188.235294	-0.612307	0.005313
0.005375	186.046512	-0.37652	0.005375
0.005437	183.908046	0.10825	0.005437
0.0055	181.818182	0.444951	0.0055
0.005562	179.775281	0.406611	0.005562
0.005625	177.777778	0.521356	0.005625
0.005687	175.824176	0.558716	0.005687

0.00575	173.913043	0.407638	0.00575
0.005812	172.043011	0.255614	0.005812
0.005875	170.212766	0.057921	0.005875
0.005938	168.421053	-0.084367	0.005938
0.006	166.666667	-0.166325	0.006
0.006063	164.948454	-0.290759	0.006063
0.006125	163.265306	-0.536698	0.006125
0.006188	161.616162	-0.614574	0.006188
0.00625	160	-0.746	0.00625
0.006313	158.415842	-0.894695	0.006313
0.006375	156.862745	-0.909842	0.006375
0.006437	155.339806	-0.976017	0.006437
0.0065	153.846154	-1.223535	0.0065
0.006562	152.380952	-1.574076	0.006562
0.006625	150.943396	-1.659455	0.006625
0.006687	149.53271	-1.387108	0.006687
0.00675	148.148148	-0.996473	0.00675
0.006812	146.788991	-0.655754	0.006812
0.006875	145.454545	-0.761698	0.006875
0.006938	144.144144	-1.043639	0.006938
0.007	142.857143	-1.285833	0.007
0.007063	141.59292	-1.510353	0.007063
0.007125	140.350877	-1.545587	0.007125
0.007188	139.130435	-1.510019	0.007188
0.00725	137.931034	-1.41205	0.00725
0.007313	136.752137	-1.246851	0.007313
0.007375	135.59322	-0.843719	0.007375
0.007437	134.453782	-0.489686	0.007437
0.0075	133.333333	-0.584538	0.0075
0.007562	132.231405	-0.796568	0.007562
0.007625	131.147541	-0.923947	0.007625
0.007687	130.081301	-0.770893	0.007687
0.00775	129.032258	-0.770541	0.00775
0.007812	128	-0.840491	0.007812
0.007875	126.984127	-0.894103	0.007875
0.007938	125.984252	-1.019843	0.007938
0.008	125	-0.972826	0.008
0.008063	124.031008	-0.753845	0.008063
0.008125	123.076923	-0.541418	0.008125
0.008188	122.137405	-0.536182	0.008188
0.00825	121.212121	-0.648013	0.00825
0.008313	120.300752	-0.758587	0.008313
0.008375	119.402985	-0.644633	0.008375
0.008438	118.518519	-0.354354	0.008438
0.0085	117.647059	-0.178783	0.0085
0.008563	116.788321	-0.220333	0.008563
0.008625	115.942029	-0.635816	0.008625

0.008688	115.107914	-1.154379	0.008688
0.00875	114.285714	-1.334108	0.00875
0.008812	113.475177	-1.184167	0.008812
0.008875	112.676056	-1.086377	0.008875
0.008937	111.888112	-0.90757	0.008937
0.009	111.111111	-0.925511	0.009
0.009062	110.344828	-1.138173	0.009062
0.009125	109.589041	-1.240535	0.009125
0.009187	108.843537	-1.032119	0.009187
0.00925	108.108108	-0.871278	0.00925
0.009312	107.38255	-0.90183	0.009312
0.009375	106.666667	-1.042721	0.009375
0.009437	105.960265	-1.112171	0.009437
0.0095	105.263158	-0.956786	0.0095
0.009562	104.575163	-0.684828	0.009562
0.009625	103.896104	-0.390174	0.009625
0.009687	103.225806	-0.534364	0.009687
0.00975	102.564103	-0.678977	0.00975
0.009813	101.910828	-0.811439	0.009813
0.009875	101.265823	-0.833184	0.009875
0.009938	100.628931	-0.714704	0.009938
0.01	100	-0.806224	0.01
0.010063	99.378882	-0.925088	0.010063
0.010125	98.765432	-1.036109	0.010125
0.010188	98.159509	-1.026632	0.010188
0.01025	97.560976	-1.085685	0.01025
0.010313	96.969697	-1.120212	0.010313
0.010375	96.385542	-1.134035	0.010375
0.010438	95.808383	-1.118557	0.010438
0.0105	95.238095	-1.085456	0.0105
0.010563	94.674556	-1.051518	0.010563
0.010625	94.117647	-0.969133	0.010625
0.010688	93.567251	-1.092	0.010688
0.01075	93.023256	-1.266729	0.01075
0.010812	92.485549	-1.400229	0.010812
0.010875	91.954023	-1.551848	0.010875
0.010937	91.428571	-1.537214	0.010937
0.011	90.909091	-1.436178	0.011
0.011062	90.39548	-1.448136	0.011062
0.011125	89.88764	-1.452877	0.011125
0.011187	89.385475	-1.442567	0.011187
0.01125	88.888889	-1.371442	0.01125
0.011312	88.39779	-1.261387	0.011312
0.011375	87.912088	-1.071309	0.011375
0.011437	87.431694	-0.872481	0.011437
0.0115	86.956522	-0.83483	0.0115
0.011562	86.486486	-0.803904	0.011562

0.011625	86.021505	-0.778511	0.011625
0.011687	85.561497	-0.782105	0.011687
0.01175	85.106383	-0.78972	0.01175
0.011813	84.656085	-0.821575	0.011813
0.011875	84.210526	-0.78664	0.011875
0.011938	83.769634	-0.89497	0.011938
0.012	83.333333	-1.097247	0.012
0.012063	82.901554	-0.927091	0.012063
0.012125	82.474227	-0.649797	0.012125
0.012188	82.051282	-0.409451	0.012188
0.01225	81.632653	-0.396374	0.01225
0.012313	81.218274	-0.47503	0.012313
0.012375	80.808081	-0.545182	0.012375
0.012438	80.40201	-0.511157	0.012438
0.0125	80	-0.318047	0.0125
0.012563	79.60199	-0.182377	0.012563
0.012625	79.207921	-0.159009	0.012625
0.012688	78.817734	-0.172352	0.012688
0.01275	78.431373	-0.248378	0.01275
0.012812	78.04878	-0.140975	0.012812
0.012875	77.669903	-0.020172	0.012875
0.012937	77.294686	-0.042336	0.012937
0.013	76.923077	0.017901	0.013
0.013062	76.555024	0.035221	0.013062
0.013125	76.190476	-0.021215	0.013125
0.013187	75.829384	-0.134941	0.013187
0.01325	75.471698	-0.240124	0.01325
0.013312	75.117371	-0.252453	0.013312
0.013375	74.766355	-0.19375	0.013375
0.013437	74.418605	-0.169319	0.013437
0.0135	74.074074	-0.246774	0.0135
0.013562	73.732719	-0.305772	0.013562
0.013625	73.394495	-0.254981	0.013625
0.013688	73.059361	-0.268704	0.013688
0.01375	72.727273	-0.46886	0.01375
0.013813	72.39819	-0.568319	0.013813
0.013875	72.072072	-0.565371	0.013875
0.013938	71.748879	-0.689238	0.013938
0.014	71.428571	-0.946186	0.014
0.014063	71.111111	-1.135425	0.014063
0.014125	70.79646	-1.056353	0.014125
0.014188	70.484581	-0.923053	0.014188
0.01425	70.175439	-0.810439	0.01425
0.014313	69.868996	-0.799151	0.014313
0.014375	69.565217	-0.90148	0.014375
0.014438	69.264069	-0.958262	0.014438
0.0145	68.965517	-0.822394	0.0145

0.014563	68.669528	-0.622062	0.014563
0.014625	68.376068	-0.395329	0.014625
0.014687	68.085106	-0.356118	0.014687
0.01475	67.79661	-0.49639	0.01475
0.014812	67.510549	-0.470062	0.014812
0.014875	67.226891	-0.482025	0.014875
0.014937	66.945607	-0.361686	0.014937
0.015	66.666667	-0.258931	0.015
0.015062	66.390041	-0.194992	0.015062
0.015125	66.115702	-0.039651	0.015125
0.015187	65.843621	0.186589	0.015187
0.01525	65.57377	0.395438	0.01525
0.015312	65.306122	0.576107	0.015312
0.015375	65.04065	0.647218	0.015375
0.015437	64.777328	0.430967	0.015437
0.0155	64.516129	0.169281	0.0155
0.015562	64.257028	0.035053	0.015562
0.015625	64	0.055795	0.015625
0.015688	63.74502	0.366106	0.015688
0.01575	63.492063	0.658479	0.01575
0.015813	63.241107	0.730003	0.015813
0.015875	62.992126	0.56376	0.015875
0.015938	62.745098	0.479444	0.015938
0.016	62.5	0.510481	0.016
0.016063	62.256809	0.615354	0.016063
0.016125	62.015504	0.577747	0.016125
0.016188	61.776062	0.304602	0.016188
0.01625	61.538462	0.026308	0.01625
0.016313	61.302682	-0.157321	0.016313
0.016375	61.068702	-0.150793	0.016375
0.016438	60.836502	-0.140224	0.016438
0.0165	60.606061	-0.127765	0.0165
0.016563	60.377358	-0.106427	0.016563
0.016625	60.150376	-0.110026	0.016625
0.016688	59.925094	-0.172677	0.016688
0.01675	59.701493	-0.220383	0.01675
0.016813	59.479554	-0.158851	0.016813
0.016875	59.259259	-0.154945	0.016875
0.016938	59.04059	-0.28533	0.016938
0.017	58.823529	-0.396677	0.017
0.017063	58.608059	-0.316844	0.017063
0.017125	58.394161	-0.285246	0.017125
0.017188	58.181818	-0.171366	0.017188
0.01725	57.971014	-0.126502	0.01725
0.017313	57.761733	-0.160503	0.017313
0.017375	57.553957	-0.142666	0.017375
0.017438	57.34767	-0.151262	0.017438

0.0175	57.142857	-0.284269	0.0175
0.017563	56.939502	-0.26624	0.017563
0.017625	56.737589	-0.083318	0.017625
0.017687	56.537102	-0.050518	0.017687
0.01775	56.338028	-0.132163	0.01775
0.017812	56.140351	-0.111618	0.017812
0.017875	55.944056	0.029044	0.017875
0.017937	55.749129	0.13499	0.017937
0.018	55.555556	0.230616	0.018
0.018062	55.363322	0.29278	0.018062
0.018125	55.172414	0.307012	0.018125
0.018187	54.982818	0.404913	0.018187
0.01825	54.794521	0.439353	0.01825
0.018312	54.607509	0.362023	0.018312
0.018375	54.421769	0.352278	0.018375
0.018437	54.237288	0.599079	0.018437
0.0185	54.054054	0.664003	0.0185
0.018562	53.872054	0.56362	0.018562
0.018625	53.691275	0.434032	0.018625
0.018687	53.511706	0.329827	0.018687
0.01875	53.333333	0.340697	0.01875
0.018812	53.156146	0.393876	0.018812
0.018875	52.980132	0.355291	0.018875
0.018937	52.805281	0.227485	0.018937
0.019	52.631579	0.150506	0.019
0.019062	52.459016	0.073322	0.019062
0.019125	52.287582	-0.066523	0.019125
0.019187	52.117264	-0.127459	0.019187
0.01925	51.948052	-0.210898	0.01925
0.019312	51.779935	-0.263147	0.019312
0.019375	51.612903	-0.338444	0.019375
0.019437	51.446945	-0.403429	0.019437
0.0195	51.282051	-0.418957	0.0195
0.019563	51.118211	-0.407206	0.019563
0.019625	50.955414	-0.425029	0.019625
0.019688	50.793651	-0.535435	0.019688
0.01975	50.632911	-0.676505	0.01975
0.019813	50.473186	-0.803006	0.019813
0.019875	50.314465	-0.805178	0.019875
0.019938	50.15674	-0.732976	0.019938
0.02	50	-0.606551	0.02
0.020063	49.844237	-0.488684	0.020063
0.020125	49.689441	-0.430429	0.020125
0.020188	49.535604	-0.406812	0.020188
0.02025	49.382716	-0.44195	0.02025
0.020313	49.230769	-0.5329	0.020313
0.020375	49.079755	-0.452349	0.020375

0.020438	48.929664	-0.266323	0.020438
0.0205	48.780488	-0.112164	0.0205
0.020563	48.632219	0.03834	0.020563
0.020625	48.484848	0.020447	0.020625
0.020688	48.338369	0.024103	0.020688
0.02075	48.192771	0.048393	0.02075
0.020813	48.048048	0.042123	0.020813
0.020875	47.904192	-0.003684	0.020875
0.020938	47.761194	0.05438	0.020938
0.021	47.619048	0.051055	0.021
0.021063	47.477745	0.025856	0.021063
0.021125	47.337278	-0.051441	0.021125
0.021188	47.19764	-0.082955	0.021188
0.02125	47.058824	-0.038406	0.02125
0.021313	46.920821	0.010408	0.021313
0.021375	46.783626	-0.009178	0.021375
0.021438	46.64723	-0.12191	0.021438
0.0215	46.511628	-0.192054	0.0215
0.021562	46.376812	-0.198421	0.021562
0.021625	46.242775	-0.094604	0.021625
0.021687	46.10951	-0.116957	0.021687
0.02175	45.977011	-0.234254	0.02175
0.021812	45.845272	-0.318049	0.021812
0.021875	45.714286	-0.360683	0.021875
0.021937	45.584046	-0.389594	0.021937
0.022	45.454545	-0.438256	0.022
0.022062	45.325779	-0.429587	0.022062
0.022125	45.19774	-0.516384	0.022125
0.022187	45.070423	-0.578074	0.022187
0.02225	44.94382	-0.599105	0.02225
0.022312	44.817927	-0.600732	0.022312
0.022375	44.692737	-0.630689	0.022375
0.022437	44.568245	-0.641034	0.022437
0.0225	44.444444	-0.60965	0.0225
0.022562	44.32133	-0.5915	0.022562
0.022625	44.198895	-0.527539	0.022625
0.022687	44.077135	-0.487812	0.022687
0.02275	43.956044	-0.436157	0.02275
0.022812	43.835616	-0.445709	0.022812
0.022875	43.715847	-0.518533	0.022875
0.022937	43.59673	-0.586363	0.022937
0.023	43.478261	-0.605304	0.023
0.023062	43.360434	-0.549439	0.023062
0.023125	43.243243	-0.453989	0.023125
0.023187	43.126685	-0.37586	0.023187
0.02325	43.010753	-0.458511	0.02325
0.023312	42.895442	-0.464032	0.023312

0.023375	42.780749	-0.335183	0.023375
0.023438	42.666667	-0.299715	0.023438
0.0235	42.553191	-0.386661	0.0235
0.023563	42.440318	-0.397476	0.023563
0.023625	42.328042	-0.408298	0.023625
0.023688	42.216359	-0.419894	0.023688
0.02375	42.105263	-0.406807	0.02375
0.023813	41.994751	-0.37425	0.023813
0.023875	41.884817	-0.38385	0.023875
0.023938	41.775457	-0.34247	0.023938
0.024	41.666667	-0.294046	0.024
0.024063	41.558442	-0.289913	0.024063
0.024125	41.450777	-0.26108	0.024125
0.024188	41.343669	-0.267608	0.024188
0.02425	41.237113	-0.254035	0.02425
0.024313	41.131105	-0.240033	0.024313
0.024375	41.025641	-0.161983	0.024375
0.024438	40.920716	-0.093325	0.024438
0.0245	40.816327	-0.110552	0.0245
0.024563	40.712468	-0.145256	0.024563
0.024625	40.609137	-0.206167	0.024625
0.024688	40.506329	-0.27749	0.024688
0.02475	40.40404	-0.381239	0.02475
0.024813	40.302267	-0.32072	0.024813
0.024875	40.201005	-0.255663	0.024875
0.024938	40.100251	-0.268881	0.024938
0.025	40	-0.316084	0.025
0.025063	39.900249	-0.348061	0.025063
0.025125	39.800995	-0.364576	0.025125
0.025188	39.702233	-0.372218	0.025188
0.02525	39.60396	-0.347165	0.02525
0.025313	39.506173	-0.380374	0.025313
0.025375	39.408867	-0.418055	0.025375
0.025437	39.312039	-0.491163	0.025437
0.0255	39.215686	-0.480173	0.0255
0.025562	39.119804	-0.384978	0.025562
0.025625	39.02439	-0.281784	0.025625
0.025687	38.92944	-0.182996	0.025687
0.02575	38.834951	-0.184423	0.02575
0.025812	38.74092	-0.21963	0.025812
0.025875	38.647343	-0.291955	0.025875
0.025937	38.554217	-0.373813	0.025937
0.026	38.461538	-0.386165	0.026
0.026062	38.369305	-0.315258	0.026062
0.026125	38.277512	-0.271627	0.026125
0.026187	38.186158	-0.223765	0.026187
0.02625	38.095238	-0.184295	0.02625

0.026312	38.004751	-0.205777	0.026312
0.026375	37.914692	-0.180122	0.026375
0.026437	37.825059	-0.117014	0.026437
0.0265	37.735849	-0.109314	0.0265
0.026562	37.647059	-0.094344	0.026562
0.026625	37.558685	-0.072572	0.026625
0.026687	37.470726	-0.052989	0.026687
0.02675	37.383178	-0.117636	0.02675
0.026812	37.296037	-0.162507	0.026812
0.026875	37.209302	-0.18707	0.026875
0.026937	37.12297	-0.225211	0.026937
0.027	37.037037	-0.201949	0.027
0.027062	36.951501	-0.221769	0.027062
0.027125	36.866359	-0.168655	0.027125
0.027187	36.781609	-0.075589	0.027187
0.02725	36.697248	-0.094758	0.02725
0.027312	36.613272	-0.103333	0.027312
0.027375	36.52968	-0.135156	0.027375
0.027438	36.446469	-0.141512	0.027438
0.0275	36.363636	-0.198107	0.0275
0.027563	36.281179	-0.227866	0.027563
0.027625	36.199095	-0.190493	0.027625
0.027688	36.117381	-0.122639	0.027688
0.02775	36.036036	-0.083493	0.02775
0.027813	35.955056	-0.082773	0.027813
0.027875	35.874439	-0.136798	0.027875
0.027938	35.794183	-0.126982	0.027938
0.028	35.714286	-0.069493	0.028
0.028063	35.634744	-0.100779	0.028063
0.028125	35.555556	-0.143968	0.028125
0.028188	35.476718	-0.098413	0.028188
0.02825	35.39823	-0.045516	0.02825
0.028313	35.320088	-0.084076	0.028313
0.028375	35.242291	-0.113506	0.028375
0.028438	35.164835	-0.092493	0.028438
0.0285	35.087719	-0.133514	0.0285
0.028563	35.010941	-0.101737	0.028563
0.028625	34.934498	-0.018927	0.028625
0.028688	34.858388	0.001817	0.028688
0.02875	34.782609	-0.011283	0.02875
0.028813	34.707158	-0.056785	0.028813
0.028875	34.632035	-0.095652	0.028875
0.028938	34.557235	-0.067636	0.028938
0.029	34.482759	-0.02975	0.029
0.029063	34.408602	-0.019294	0.029063
0.029125	34.334764	-0.03692	0.029125
0.029188	34.261242	-0.038602	0.029188

0.02925	34.188034	-0.023681	0.02925
0.029312	34.115139	0.008793	0.029312
0.029375	34.042553	0.064039	0.029375
0.029437	33.970276	0.072989	0.029437
0.0295	33.898305	0.109231	0.0295
0.029562	33.826638	0.083301	0.029562
0.029625	33.755274	-0.021303	0.029625
0.029687	33.684211	0.009852	0.029687
0.02975	33.613445	0.04082	0.02975
0.029812	33.542977	0.072276	0.029812
0.029875	33.472803	0.079065	0.029875
0.029937	33.402923	0.107153	0.029937
0.03	33.333333	0.111969	0.03
0.030062	33.264033	0.102415	0.030062
0.030125	33.195021	0.161549	0.030125
0.030187	33.126294	0.190365	0.030187
0.03025	33.057851	0.201874	0.03025
0.030312	32.989691	0.184827	0.030312
0.030375	32.921811	0.142771	0.030375
0.030437	32.854209	0.172921	0.030437
0.0305	32.786885	0.174297	0.0305
0.030562	32.719836	0.180338	0.030562
0.030625	32.653061	0.18372	0.030625
0.030687	32.586558	0.222471	0.030687
0.03075	32.520325	0.322385	0.03075
0.030812	32.454361	0.353574	0.030812
0.030875	32.388664	0.312038	0.030875
0.030937	32.323232	0.316143	0.030937
0.031	32.258065	0.248975	0.031
0.031062	32.193159	0.226849	0.031062
0.031125	32.128514	0.247847	0.031125
0.031187	32.064128	0.301765	0.031187
0.03125	32	0.378448	0.03125
0.031313	31.936128	0.384081	0.031313
0.031375	31.87251	0.32176	0.031375
0.031438	31.809145	0.271326	0.031438
0.0315	31.746032	0.259418	0.0315
0.031563	31.683168	0.184107	0.031563
0.031625	31.620553	0.129042	0.031625
0.031688	31.558185	0.173381	0.031688
0.03175	31.496063	0.158889	0.03175
0.031813	31.434185	0.152963	0.031813
0.031875	31.372549	0.191694	0.031875
0.031938	31.311155	0.250258	0.031938

SAF Frequency (Hz)	SAF Level (db)
16000	832.543457
8000	187.25676
5333.333333	-74.085846
4000	-78.647781
3200	-7.71363
2666.666667	18.914396
2285.714286	49.168194
2000	30.900326
1777.777778	52.515068
1600	64.174835
1454.545455	96.365631
1333.333333	106.505119
1230.769231	64.961609
1142.857143	-13.414784
1066.666667	-37.407814
1000	-12.699206
941.176471	9.957664
888.888889	-0.827972
842.105263	-29.003597
800	-58.276787
761.904762	-55.765644
727.272727	-34.156124
695.652174	-14.349802
666.666667	0.489875
640	5.774282
615.384615	2.06396
592.592593	-4.986248
571.428571	-6.58666
551.724138	-13.067137
533.333333	-26.893332
516.129032	-31.564529
500	-25.328547
484.848485	-24.802948
470.588235	-25.334019
457.142857	-21.303637
444.444444	-16.556293
432.432432	-15.367004
421.052632	-3.681861
410.25641	8.261954
400	11.376373
390.243902	2.191858
380.952381	-5.157319
372.093023	-7.453091
363.636364	-6.330803

355.555556	3.881974
347.826087	7.424878
340.425532	7.508891
333.333333	4.111744
326.530612	-3.442215
320	-5.172918
313.72549	-7.963346
307.692308	-12.02249
301.886792	-13.190468
296.296296	-14.895668
290.909091	-15.681035
285.714286	-19.718117
280.701754	-17.703442
275.862069	-14.575056
271.186441	-18.304577
266.666667	-24.094721
262.295082	-21.676426
258.064516	-16.765059
253.968254	-10.53326
250	-5.286754
246.153846	-11.128442
242.424242	-17.398369
238.80597	-21.292549
235.294118	-22.240488
231.884058	-18.521587
228.571429	-15.711478
225.352113	-15.155396
222.222222	-16.334799
219.178082	-19.276924
216.216216	-21.079473
213.333333	-20.598877
210.526316	-21.466417
207.792208	-21.7139
205.128205	-16.793285
202.531646	-14.589913
200	-7.875771
197.530864	-2.024954
195.121951	2.501633
192.771084	2.708338
190.47619	-0.205566
188.235294	-1.738796
186.046512	0.231438
183.908046	8.149331
181.818182	9.884858
179.775281	7.641014
177.777778	7.128967
175.824176	7.072696

173.913043	1.629774
172.043011	-3.650167
170.212766	-5.298012
168.421053	-1.924626
166.666667	0.081718
164.948454	-2.228479
163.265306	-5.844539
161.616162	-7.464849
160	-7.113645
158.415842	-6.602523
156.862745	-6.407202
155.339806	-4.797887
153.846154	-7.596953
152.380952	-13.469137
150.943396	-14.045753
149.53271	-13.218216
148.148148	-7.15715
146.788991	-0.925165
145.454545	-2.659365
144.144144	-8.455062
142.857143	-14.151093
141.59292	-18.026928
140.350877	-18.355837
139.130435	-18.317783
137.931034	-19.692194
136.752137	-16.69504
135.59322	-9.370592
134.453782	-4.407029
133.333333	-5.539954
132.231405	-9.858682
131.147541	-11.608552
130.081301	-10.960938
129.032258	-9.618588
128	-9.35769
126.984127	-9.876319
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124.031008	-7.709331
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121.212121	-12.520076
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116.788321	-3.298456
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109.589041	-5.962013
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108.108108	-3.450628
107.38255	-6.584803
106.666667	-9.201734
105.960265	-12.35531
105.263158	-12.10115
104.575163	-7.613451
103.896104	-3.058193
103.225806	-3.41908
102.564103	-6.316282
101.910828	-6.610683
101.265823	-5.030382
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100	-4.760667
99.378882	-5.089972
98.765432	-6.663568
98.159509	-5.92992
97.560976	-6.222572
96.969697	-5.531063
96.385542	-5.035298
95.808383	-2.603262
95.238095	-0.046005
94.674556	-0.155633
94.117647	0.236379
93.567251	-2.165901
93.023256	-5.839434
92.485549	-11.536471
91.954023	-13.652758
91.428571	-13.421751
90.909091	-11.971556
90.39548	-10.184095
89.88764	-10.030715
89.385475	-10.174077
88.888889	-11.042751
88.39779	-8.152497
87.912088	-5.467952
87.431694	-4.396299
86.956522	-3.899117
86.486486	-3.337042

86.021505	-1.344334
85.561497	0.152816
85.106383	0.531627
84.656085	0.092868
84.210526	-0.03766
83.769634	-4.10184
83.333333	-5.175767
82.901554	-2.031779
82.474227	1.954926
82.051282	4.985225
81.632653	5.178063
81.218274	4.039283
80.808081	2.438913
80.40201	3.198306
80	5.948386
79.60199	6.848486
79.207921	6.566356
78.817734	9.036388
78.431373	8.707481
78.04878	8.048233
77.669903	8.973091
77.294686	8.932701
76.923077	10.132655
76.555024	9.013323
76.190476	6.250972
75.829384	3.822088
75.471698	2.248437
75.117371	4.137372
74.766355	4.570179
74.418605	2.194201
74.074074	1.544009
73.732719	3.479505
73.394495	5.661337
73.059361	3.91409
72.727273	1.029252
72.39819	0.670535
72.072072	1.188593
71.748879	-0.578768
71.428571	-5.625228
71.111111	-8.105493
70.79646	-7.16486
70.484581	-3.830191
70.175439	-1.686619
69.868996	-0.02417
69.565217	0.505546
69.264069	-0.410226
68.965517	0.427447

68.669528	2.227175
68.376068	3.876592
68.085106	1.714927
67.79661	-2.414494
67.510549	-3.780725
67.226891	-3.369877
66.945607	-1.41223
66.666667	-0.159818
66.390041	0.270203
66.115702	2.205364
65.843621	5.314615
65.57377	10.033029
65.306122	13.439111
65.04065	12.535432
64.777328	7.232633
64.516129	4.186982
64.257028	2.034574
64	2.864656
63.74502	5.906659
63.492063	9.733049
63.241107	10.408171
62.992126	7.029841
62.745098	6.926048
62.5	8.412194
62.256809	10.2933
62.015504	10.624332
61.776062	8.041022
61.538462	4.083503
61.302682	2.346838
61.068702	2.744161
60.836502	3.856409
60.606061	2.661008
60.377358	1.928899
60.150376	1.492174
59.925094	0.566787
59.701493	-0.046298
59.479554	-1.068774
59.259259	-1.720501
59.04059	-4.223804
58.823529	-5.208108
58.608059	-3.790478
58.394161	-2.120385
58.181818	-0.839232
57.971014	-0.757665
57.761733	2.016781
57.553957	3.361904
57.34767	3.299083

57.142857	2.046444
56.939502	1.681402
56.737589	4.10822
56.537102	2.831651
56.338028	0.974401
56.140351	0.132354
55.944056	0.628352
55.749129	1.705061
55.555556	2.261282
55.363322	3.336616
55.172414	3.45592
54.982818	4.404362
54.794521	4.000155
54.607509	3.623266
54.421769	4.628753
54.237288	5.925296
54.054054	7.786967
53.872054	7.81304
53.691275	6.325135
53.511706	4.74644
53.333333	4.393839
53.156146	3.884326
52.980132	2.211827
52.805281	1.389499
52.631579	0.742169
52.459016	-0.578754
52.287582	-1.190602
52.117264	-1.847255
51.948052	-2.560642
51.779935	-2.309858
51.612903	-2.812197
51.446945	-2.822724
51.282051	-1.867676
51.118211	-1.174971
50.955414	-1.247638
50.793651	-2.69159
50.632911	-4.477152
50.473186	-6.024379
50.314465	-5.174602
50.15674	-4.109221
50	-2.056479
49.844237	-1.628276
49.689441	-2.423486
49.535604	-2.501931
49.382716	-3.252749
49.230769	-4.548166
49.079755	-5.349243

48.929664	-3.066384
48.780488	-0.967345
48.632219	-0.251775
48.484848	-0.491362
48.338369	-0.686161
48.192771	-0.680205
48.048048	-0.643267
47.904192	-0.448936
47.761194	0.241286
47.619048	1.389486
47.477745	1.346477
47.337278	0.200777
47.19764	-0.689724
47.058824	0.616828
46.920821	1.973599
46.783626	1.961893
46.64723	1.225114
46.511628	1.135191
46.376812	2.207508
46.242775	2.234817
46.10951	2.069264
45.977011	1.40454
45.845272	0.173518
45.714286	-1.179077
45.584046	-1.393465
45.454545	-0.827786
45.325779	-0.954938
45.19774	-1.625373
45.070423	-2.344737
44.94382	-2.727712
44.817927	-2.944187
44.692737	-3.080611
44.568245	-3.630107
44.444444	-3.512706
44.32133	-2.861968
44.198895	-2.292056
44.077135	-2.004827
43.956044	-1.346915
43.835616	-1.230772
43.715847	-2.262381
43.59673	-2.953119
43.478261	-2.748328
43.360434	-1.642333
43.243243	-0.690448
43.126685	-0.154812
43.010753	-1.390453
42.895442	-1.406984

42.780749	-1.0004
42.666667	-0.920751
42.553191	-1.269998
42.440318	-2.281251
42.328042	-2.943642
42.216359	-3.039965
42.105263	-1.782422
41.994751	-1.000338
41.884817	-0.514182
41.775457	-0.292734
41.666667	-0.598045
41.558442	-0.683255
41.450777	-0.780221
41.343669	-1.570114
41.237113	-2.148659
41.131105	-1.542457
41.025641	-0.101486
40.920716	1.285855
40.816327	2.077685
40.712468	1.89789
40.609137	0.312083
40.506329	-1.174871
40.40404	-1.77829
40.302267	-1.294826
40.201005	0.185481
40.100251	0.74608
40	-0.146063
39.900249	-1.333118
39.800995	-1.783255
39.702233	-1.308067
39.60396	-0.463262
39.506173	-1.017244
39.408867	-1.959583
39.312039	-2.472872
39.215686	-2.684752
39.119804	-2.047568
39.02439	-0.96656
38.92944	0.166105
38.834951	0.341826
38.74092	-0.330202
38.647343	-1.277741
38.554217	-1.926711
38.461538	-2.102653
38.369305	-1.52411
38.277512	-0.888154
38.186158	-0.707663
38.095238	-0.905249

38.004751	-0.493833
37.914692	0.290806
37.825059	0.745004
37.735849	0.778779
37.647059	0.567641
37.558685	0.456247
37.470726	0.33959
37.383178	-0.25452
37.296037	-0.75384
37.209302	-1.005173
37.12297	-1.319486
37.037037	-1.407536
36.951501	-1.317079
36.866359	-0.616288
36.781609	0.516129
36.697248	0.864286
36.613272	0.45
36.52968	0.160475
36.446469	-0.629281
36.363636	-1.604766
36.281179	-2.062258
36.199095	-2.096944
36.117381	-1.732527
36.036036	-1.293725
35.955056	-1.163264
35.874439	-1.170797
35.794183	-0.785067
35.714286	-0.472423
35.634744	-0.436381
35.555556	-0.474233
35.476718	-0.448506
35.39823	-0.850374
35.320088	-1.003639
35.242291	-0.906834
35.164835	-1.052881
35.087719	-1.413016
35.010941	-1.232553
34.934498	-0.513817
34.858388	-0.095457
34.782609	-0.158304
34.707158	-0.786191
34.632035	-1.12886
34.557235	-1.232812
34.482759	-1.375755
34.408602	-1.473825
34.334764	-1.222434
34.261242	-0.819652

34.188034	-0.798176
34.115139	-0.758491
34.042553	-0.565244
33.970276	-0.478351
33.898305	-0.456587
33.826638	-0.667774
33.755274	-0.969569
33.684211	-0.717985
33.613445	-0.188712
33.542977	-0.066018
33.472803	-0.255859
33.402923	-0.433775
33.333333	-0.37255
33.264033	0.26555
33.195021	0.995012
33.126294	1.488712
33.057851	1.561223
32.989691	1.287818
32.921811	0.720387
32.854209	0.225264
32.786885	0.150613
32.719836	0.079259
32.653061	0.118096
32.586558	0.734334
32.520325	1.588421
32.454361	1.85836
32.388664	1.425128
32.323232	0.877092
32.258065	0.018546
32.193159	-0.508049
32.128514	-0.290326
32.064128	0.604123
32	1.439248
31.936128	1.75945
31.87251	1.319496
31.809145	0.815293
31.746032	0.433332
31.683168	-0.189783
31.620553	-0.585195
31.558185	-0.532067
31.496063	-0.404942
31.434185	-0.429564
31.372549	-0.128745
31.311155	0.38305

RAW Lag (seconds)	RAW Frequency (Hz)	RAW Level (db)	SAF Lag (seconds)
0.000063	16000	0	0.000063
0.000125	8000	0	0.000125
0.000188	5333.333333	0	0.000188
0.00025	4000	0	0.00025
0.000313	3200	0	0.000313
0.000375	2666.666667	0	0.000375
0.000438	2285.714286	0	0.000438
0.0005	2000	0	0.0005
0.000562	1777.777778	0	0.000562
0.000625	1600	0	0.000625
0.000687	1454.545455	0	0.000687
0.00075	1333.333333	0	0.00075
0.000812	1230.769231	0	0.000812
0.000875	1142.857143	0	0.000875
0.000937	1066.666667	0	0.000937
0.001	1000	2.269096	0.001
0.001063	941.176471	4.419299	0.001063
0.001125	888.888889	3.134094	0.001125
0.001187	842.105263	2.401075	0.001187
0.00125	800	1.265471	0.00125
0.001313	761.904762	0.67003	0.001313
0.001375	727.272727	1.051905	0.001375
0.001437	695.652174	0.070202	0.001437
0.0015	666.666667	0	0.0015
0.001563	640	0	0.001563
0.001625	615.384615	0	0.001625
0.001687	592.592593	0	0.001687
0.00175	571.428571	0.795597	0.00175
0.001813	551.724138	0	0.001813
0.001875	533.333333	0	0.001875
0.001937	516.129032	0	0.001937
0.002	500	0	0.002
0.002063	484.848485	0	0.002063
0.002125	470.588235	0	0.002125
0.002188	457.142857	0	0.002188
0.00225	444.444444	0	0.00225
0.002312	432.432432	0	0.002312
0.002375	421.052632	0	0.002375
0.002437	410.25641	0	0.002437
0.0025	400	0.420539	0.0025
0.002563	390.243902	0	0.002563
0.002625	380.952381	0	0.002625
0.002687	372.093023	0	0.002687
0.00275	363.636364	0	0.00275

0.002812	355.555556	0	0.002812
0.002875	347.826087	0	0.002875
0.002938	340.425532	0	0.002938
0.003	333.333333	0	0.003
0.003063	326.530612	0	0.003063
0.003125	320	0	0.003125
0.003187	313.72549	0	0.003187
0.00325	307.692308	0	0.00325
0.003312	301.886792	0	0.003312
0.003375	296.296296	0	0.003375
0.003438	290.909091	0	0.003438
0.0035	285.714286	0	0.0035
0.003563	280.701754	0	0.003563
0.003625	275.862069	0	0.003625
0.003687	271.186441	0	0.003687
0.00375	266.666667	0	0.00375
0.003812	262.295082	0	0.003812
0.003875	258.064516	0	0.003875
0.003938	253.968254	0	0.003938
0.004	250	0	0.004
0.004063	246.153846	0	0.004063
0.004125	242.424242	0	0.004125
0.004188	238.80597	0	0.004188
0.00425	235.294118	0	0.00425
0.004313	231.884058	0	0.004313
0.004375	228.571429	0	0.004375
0.004437	225.352113	0	0.004437
0.0045	222.222222	0	0.0045
0.004562	219.178082	0	0.004562
0.004625	216.216216	0	0.004625
0.004687	213.333333	0	0.004687
0.00475	210.526316	0	0.00475
0.004812	207.792208	0	0.004812
0.004875	205.128205	0	0.004875
0.004938	202.531646	0	0.004938
0.005	200	0	0.005
0.005063	197.530864	0	0.005063
0.005125	195.121951	0	0.005125
0.005188	192.771084	0	0.005188
0.00525	190.47619	0	0.00525
0.005313	188.235294	0	0.005313
0.005375	186.046512	0	0.005375
0.005437	183.908046	0	0.005437
0.0055	181.818182	0.030236	0.0055
0.005562	179.775281	0	0.005562
0.005625	177.777778	0	0.005625
0.005687	175.824176	0	0.005687

0.00575	173.913043	0	0.00575
0.005812	172.043011	0	0.005812
0.005875	170.212766	0	0.005875
0.005938	168.421053	0	0.005938
0.006	166.666667	0	0.006
0.006063	164.948454	0	0.006063
0.006125	163.265306	0	0.006125
0.006188	161.616162	0	0.006188
0.00625	160	0	0.00625
0.006313	158.415842	0	0.006313
0.006375	156.862745	0	0.006375
0.006437	155.339806	0	0.006437
0.0065	153.846154	0	0.0065
0.006562	152.380952	0	0.006562
0.006625	150.943396	0	0.006625
0.006687	149.53271	0	0.006687
0.00675	148.148148	0	0.00675
0.006812	146.788991	0	0.006812
0.006875	145.454545	0	0.006875
0.006938	144.144144	0	0.006938
0.007	142.857143	0	0.007
0.007063	141.59292	0	0.007063
0.007125	140.350877	0	0.007125
0.007188	139.130435	0	0.007188
0.00725	137.931034	0	0.00725
0.007313	136.752137	0	0.007313
0.007375	135.59322	0	0.007375
0.007437	134.453782	0	0.007437
0.0075	133.333333	0	0.0075
0.007562	132.231405	0	0.007562
0.007625	131.147541	0	0.007625
0.007687	130.081301	0	0.007687
0.00775	129.032258	0	0.00775
0.007812	128	0	0.007812
0.007875	126.984127	0	0.007875
0.007938	125.984252	0	0.007938
0.008	125	0	0.008
0.008063	124.031008	0	0.008063
0.008125	123.076923	0	0.008125
0.008188	122.137405	0	0.008188
0.00825	121.212121	0	0.00825
0.008313	120.300752	0	0.008313
0.008375	119.402985	0	0.008375
0.008438	118.518519	0	0.008438
0.0085	117.647059	0	0.0085
0.008563	116.788321	0	0.008563
0.008625	115.942029	0	0.008625

0.008688	115.107914	0	0.008688
0.00875	114.285714	0	0.00875
0.008812	113.475177	0	0.008812
0.008875	112.676056	0	0.008875
0.008937	111.888112	0	0.008937
0.009	111.111111	0	0.009
0.009062	110.344828	0	0.009062
0.009125	109.589041	0	0.009125
0.009187	108.843537	0	0.009187
0.00925	108.108108	0	0.00925
0.009312	107.38255	0	0.009312
0.009375	106.666667	0	0.009375
0.009437	105.960265	0	0.009437
0.0095	105.263158	0	0.0095
0.009562	104.575163	0	0.009562
0.009625	103.896104	0	0.009625
0.009687	103.225806	0	0.009687
0.00975	102.564103	0	0.00975
0.009813	101.910828	0	0.009813
0.009875	101.265823	0	0.009875
0.009938	100.628931	0	0.009938
0.01	100	0	0.01
0.010063	99.378882	0	0.010063
0.010125	98.765432	0	0.010125
0.010188	98.159509	0	0.010188
0.01025	97.560976	0	0.01025
0.010313	96.969697	0	0.010313
0.010375	96.385542	0	0.010375
0.010438	95.808383	0	0.010438
0.0105	95.238095	0	0.0105
0.010563	94.674556	0	0.010563
0.010625	94.117647	0	0.010625
0.010688	93.567251	0	0.010688
0.01075	93.023256	0	0.01075
0.010812	92.485549	0	0.010812
0.010875	91.954023	0	0.010875
0.010937	91.428571	0	0.010937
0.011	90.909091	0	0.011
0.011062	90.39548	0	0.011062
0.011125	89.88764	0	0.011125
0.011187	89.385475	0	0.011187
0.01125	88.888889	0	0.01125
0.011312	88.39779	0	0.011312
0.011375	87.912088	0	0.011375
0.011437	87.431694	0	0.011437
0.0115	86.956522	0	0.0115
0.011562	86.486486	0	0.011562

0.011625	86.021505	0	0.011625
0.011687	85.561497	0	0.011687
0.01175	85.106383	0	0.01175
0.011813	84.656085	0	0.011813
0.011875	84.210526	0	0.011875
0.011938	83.769634	0	0.011938
0.012	83.333333	0	0.012
0.012063	82.901554	0	0.012063
0.012125	82.474227	0	0.012125
0.012188	82.051282	0	0.012188
0.01225	81.632653	0	0.01225
0.012313	81.218274	0	0.012313
0.012375	80.808081	0	0.012375
0.012438	80.40201	0	0.012438
0.0125	80	0	0.0125
0.012563	79.60199	0	0.012563
0.012625	79.207921	0	0.012625
0.012688	78.817734	0	0.012688
0.01275	78.431373	0	0.01275
0.012812	78.04878	0	0.012812
0.012875	77.669903	0	0.012875
0.012937	77.294686	0	0.012937
0.013	76.923077	0.017901	0.013
0.013062	76.555024	0.035221	0.013062
0.013125	76.190476	0	0.013125
0.013187	75.829384	0	0.013187
0.01325	75.471698	0	0.01325
0.013312	75.117371	0	0.013312
0.013375	74.766355	0	0.013375
0.013437	74.418605	0	0.013437
0.0135	74.074074	0	0.0135
0.013562	73.732719	0	0.013562
0.013625	73.394495	0	0.013625
0.013688	73.059361	0	0.013688
0.01375	72.727273	0	0.01375
0.013813	72.39819	0	0.013813
0.013875	72.072072	0	0.013875
0.013938	71.748879	0	0.013938
0.014	71.428571	0	0.014
0.014063	71.111111	0	0.014063
0.014125	70.79646	0	0.014125
0.014188	70.484581	0	0.014188
0.01425	70.175439	0	0.01425
0.014313	69.868996	0	0.014313
0.014375	69.565217	0	0.014375
0.014438	69.264069	0	0.014438
0.0145	68.965517	0	0.0145

0.014563	68.669528	0	0.014563
0.014625	68.376068	0	0.014625
0.014687	68.085106	0	0.014687
0.01475	67.79661	0	0.01475
0.014812	67.510549	0	0.014812
0.014875	67.226891	0	0.014875
0.014937	66.945607	0	0.014937
0.015	66.666667	0	0.015
0.015062	66.390041	0	0.015062
0.015125	66.115702	0	0.015125
0.015187	65.843621	0.186589	0.015187
0.01525	65.57377	0.395438	0.01525
0.015312	65.306122	0.576107	0.015312
0.015375	65.04065	0.647218	0.015375
0.015437	64.777328	0.430967	0.015437
0.0155	64.516129	0.169281	0.0155
0.015562	64.257028	0.035053	0.015562
0.015625	64	0.055795	0.015625
0.015688	63.74502	0.366106	0.015688
0.01575	63.492063	0.658479	0.01575
0.015813	63.241107	0.730003	0.015813
0.015875	62.992126	0.56376	0.015875
0.015938	62.745098	0.479444	0.015938
0.016	62.5	0.510481	0.016
0.016063	62.256809	0.615354	0.016063
0.016125	62.015504	0.577747	0.016125
0.016188	61.776062	0.304602	0.016188
0.01625	61.538462	0.026308	0.01625
0.016313	61.302682	0	0.016313
0.016375	61.068702	0	0.016375
0.016438	60.836502	0	0.016438
0.0165	60.606061	0	0.0165
0.016563	60.377358	0	0.016563
0.016625	60.150376	0	0.016625
0.016688	59.925094	0	0.016688
0.01675	59.701493	0	0.01675
0.016813	59.479554	0	0.016813
0.016875	59.259259	0	0.016875
0.016938	59.04059	0	0.016938
0.017	58.823529	0	0.017
0.017063	58.608059	0	0.017063
0.017125	58.394161	0	0.017125
0.017188	58.181818	0	0.017188
0.01725	57.971014	0	0.01725
0.017313	57.761733	0	0.017313
0.017375	57.553957	0	0.017375
0.017438	57.34767	0	0.017438

0.0175	57.142857	0	0.0175
0.017563	56.939502	0	0.017563
0.017625	56.737589	0	0.017625
0.017687	56.537102	0	0.017687
0.01775	56.338028	0	0.01775
0.017812	56.140351	0	0.017812
0.017875	55.944056	0.029044	0.017875
0.017937	55.749129	0.13499	0.017937
0.018	55.555556	0.230616	0.018
0.018062	55.363322	0.29278	0.018062
0.018125	55.172414	0.307012	0.018125
0.018187	54.982818	0.404913	0.018187
0.01825	54.794521	0.439353	0.01825
0.018312	54.607509	0.362023	0.018312
0.018375	54.421769	0.352278	0.018375
0.018437	54.237288	0.599079	0.018437
0.0185	54.054054	0.664003	0.0185
0.018562	53.872054	0.56362	0.018562
0.018625	53.691275	0.434032	0.018625
0.018687	53.511706	0.329827	0.018687
0.01875	53.333333	0.340697	0.01875
0.018812	53.156146	0.393876	0.018812
0.018875	52.980132	0.355291	0.018875
0.018937	52.805281	0.227485	0.018937
0.019	52.631579	0.150506	0.019
0.019062	52.459016	0.073322	0.019062
0.019125	52.287582	0	0.019125
0.019187	52.117264	0	0.019187
0.01925	51.948052	0	0.01925
0.019312	51.779935	0	0.019312
0.019375	51.612903	0	0.019375
0.019437	51.446945	0	0.019437
0.0195	51.282051	0	0.0195
0.019563	51.118211	0	0.019563
0.019625	50.955414	0	0.019625
0.019688	50.793651	0	0.019688
0.01975	50.632911	0	0.01975
0.019813	50.473186	0	0.019813
0.019875	50.314465	0	0.019875
0.019938	50.15674	0	0.019938
0.02	50	0	0.02
0.020063	49.844237	0	0.020063
0.020125	49.689441	0	0.020125
0.020188	49.535604	0	0.020188
0.02025	49.382716	0	0.02025
0.020313	49.230769	0	0.020313
0.020375	49.079755	0	0.020375

0.020438	48.929664	0	0.020438
0.0205	48.780488	0	0.0205
0.020563	48.632219	0.03834	0.020563
0.020625	48.484848	0.020447	0.020625
0.020688	48.338369	0.024103	0.020688
0.02075	48.192771	0.048393	0.02075
0.020813	48.048048	0.042123	0.020813
0.020875	47.904192	0	0.020875
0.020938	47.761194	0.05438	0.020938
0.021	47.619048	0.051055	0.021
0.021063	47.477745	0.025856	0.021063
0.021125	47.337278	0	0.021125
0.021188	47.19764	0	0.021188
0.02125	47.058824	0	0.02125
0.021313	46.920821	0.010408	0.021313
0.021375	46.783626	0	0.021375
0.021438	46.64723	0	0.021438
0.0215	46.511628	0	0.0215
0.021562	46.376812	0	0.021562
0.021625	46.242775	0	0.021625
0.021687	46.10951	0	0.021687
0.02175	45.977011	0	0.02175
0.021812	45.845272	0	0.021812
0.021875	45.714286	0	0.021875
0.021937	45.584046	0	0.021937
0.022	45.454545	0	0.022
0.022062	45.325779	0	0.022062
0.022125	45.19774	0	0.022125
0.022187	45.070423	0	0.022187
0.02225	44.94382	0	0.02225
0.022312	44.817927	0	0.022312
0.022375	44.692737	0	0.022375
0.022437	44.568245	0	0.022437
0.0225	44.444444	0	0.0225
0.022562	44.32133	0	0.022562
0.022625	44.198895	0	0.022625
0.022687	44.077135	0	0.022687
0.02275	43.956044	0	0.02275
0.022812	43.835616	0	0.022812
0.022875	43.715847	0	0.022875
0.022937	43.59673	0	0.022937
0.023	43.478261	0	0.023
0.023062	43.360434	0	0.023062
0.023125	43.243243	0	0.023125
0.023187	43.126685	0	0.023187
0.02325	43.010753	0	0.02325
0.023312	42.895442	0	0.023312

0.023375	42.780749	0	0.023375
0.023438	42.666667	0	0.023438
0.0235	42.553191	0	0.0235
0.023563	42.440318	0	0.023563
0.023625	42.328042	0	0.023625
0.023688	42.216359	0	0.023688
0.02375	42.105263	0	0.02375
0.023813	41.994751	0	0.023813
0.023875	41.884817	0	0.023875
0.023938	41.775457	0	0.023938
0.024	41.666667	0	0.024
0.024063	41.558442	0	0.024063
0.024125	41.450777	0	0.024125
0.024188	41.343669	0	0.024188
0.02425	41.237113	0	0.02425
0.024313	41.131105	0	0.024313
0.024375	41.025641	0	0.024375
0.024438	40.920716	0	0.024438
0.0245	40.816327	0	0.0245
0.024563	40.712468	0	0.024563
0.024625	40.609137	0	0.024625
0.024688	40.506329	0	0.024688
0.02475	40.40404	0	0.02475
0.024813	40.302267	0	0.024813
0.024875	40.201005	0	0.024875
0.024938	40.100251	0	0.024938
0.025	40	0	0.025
0.025063	39.900249	0	0.025063
0.025125	39.800995	0	0.025125
0.025188	39.702233	0	0.025188
0.02525	39.60396	0	0.02525
0.025313	39.506173	0	0.025313
0.025375	39.408867	0	0.025375
0.025437	39.312039	0	0.025437
0.0255	39.215686	0	0.0255
0.025562	39.119804	0	0.025562
0.025625	39.02439	0	0.025625
0.025687	38.92944	0	0.025687
0.02575	38.834951	0	0.02575
0.025812	38.74092	0	0.025812
0.025875	38.647343	0	0.025875
0.025937	38.554217	0	0.025937
0.026	38.461538	0	0.026
0.026062	38.369305	0	0.026062
0.026125	38.277512	0	0.026125
0.026187	38.186158	0	0.026187
0.02625	38.095238	0	0.02625

0.026312	38.004751	0	0.026312
0.026375	37.914692	0	0.026375
0.026437	37.825059	0	0.026437
0.0265	37.735849	0	0.0265
0.026562	37.647059	0	0.026562
0.026625	37.558685	0	0.026625
0.026687	37.470726	0	0.026687
0.02675	37.383178	0	0.02675
0.026812	37.296037	0	0.026812
0.026875	37.209302	0	0.026875
0.026937	37.12297	0	0.026937
0.027	37.037037	0	0.027
0.027062	36.951501	0	0.027062
0.027125	36.866359	0	0.027125
0.027187	36.781609	0	0.027187
0.02725	36.697248	0	0.02725
0.027312	36.613272	0	0.027312
0.027375	36.52968	0	0.027375
0.027438	36.446469	0	0.027438
0.0275	36.363636	0	0.0275
0.027563	36.281179	0	0.027563
0.027625	36.199095	0	0.027625
0.027688	36.117381	0	0.027688
0.02775	36.036036	0	0.02775
0.027813	35.955056	0	0.027813
0.027875	35.874439	0	0.027875
0.027938	35.794183	0	0.027938
0.028	35.714286	0	0.028
0.028063	35.634744	0	0.028063
0.028125	35.555556	0	0.028125
0.028188	35.476718	0	0.028188
0.02825	35.39823	0	0.02825
0.028313	35.320088	0	0.028313
0.028375	35.242291	0	0.028375
0.028438	35.164835	0	0.028438
0.0285	35.087719	0	0.0285
0.028563	35.010941	0	0.028563
0.028625	34.934498	0	0.028625
0.028688	34.858388	0.001817	0.028688
0.02875	34.782609	0	0.02875
0.028813	34.707158	0	0.028813
0.028875	34.632035	0	0.028875
0.028938	34.557235	0	0.028938
0.029	34.482759	0	0.029
0.029063	34.408602	0	0.029063
0.029125	34.334764	0	0.029125
0.029188	34.261242	0	0.029188

0.02925	34.188034	0	0.02925
0.029312	34.115139	0.008793	0.029312
0.029375	34.042553	0.064039	0.029375
0.029437	33.970276	0.072989	0.029437
0.0295	33.898305	0.109231	0.0295
0.029562	33.826638	0.083301	0.029562
0.029625	33.755274	0	0.029625
0.029687	33.684211	0.009852	0.029687
0.02975	33.613445	0.04082	0.02975
0.029812	33.542977	0.072276	0.029812
0.029875	33.472803	0.079065	0.029875
0.029937	33.402923	0.107153	0.029937
0.03	33.333333	0.111969	0.03
0.030062	33.264033	0.102415	0.030062
0.030125	33.195021	0.161549	0.030125
0.030187	33.126294	0.190365	0.030187
0.03025	33.057851	0.201874	0.03025
0.030312	32.989691	0.091533	0.030312
0.030375	32.921811	0	0.030375
0.030437	32.854209	0	0.030437
0.0305	32.786885	0	0.0305
0.030562	32.719836	0	0.030562
0.030625	32.653061	0	0.030625
0.030687	32.586558	0	0.030687
0.03075	32.520325	0	0.03075
0.030812	32.454361	0	0.030812
0.030875	32.388664	0	0.030875
0.030937	32.323232	0.016019	0.030937
0.031	32.258065	0.079694	0.031
0.031062	32.193159	0.124682	0.031062
0.031125	32.128514	0.212793	0.031125
0.031187	32.064128	0.256341	0.031187
0.03125	32	0.322653	0.03125
0.031313	31.936128	0.173131	0.031313
0.031375	31.87251	0	0.031375
0.031438	31.809145	0	0.031438
0.0315	31.746032	0	0.0315
0.031563	31.683168	0	0.031563
0.031625	31.620553	0	0.031625
0.031688	31.558185	0	0.031688
0.03175	31.496063	0	0.03175
0.031813	31.434185	0	0.031813
0.031875	31.372549	0	0.031875
0.031938	31.311155	0	0.031938

SAF Frequency (Hz)	SAF Level (db)
16000	0
8000	0
5333.333333	0
4000	0
3200	0
2666.666667	18.914396
2285.714286	49.168194
2000	30.900326
1777.777778	52.515068
1600	64.174835
1454.545455	86.908432
1333.333333	87.590721
1230.769231	30.920315
1142.857143	0
1066.666667	0
1000	0
941.176471	0
888.888889	0
842.105263	0
800	0
761.904762	0
727.272727	0
695.652174	0
666.666667	0
640	0
615.384615	0
592.592593	0
571.428571	0
551.724138	0
533.333333	0
516.129032	0
500	0
484.848485	0
470.588235	0
457.142857	0
444.444444	0
432.432432	0
421.052632	0
410.25641	8.261954
400	11.376373
390.243902	2.191858
380.952381	0
372.093023	0
363.636364	0

355.555556	3.881974
347.826087	7.424878
340.425532	7.263953
333.333333	3.621869
326.530612	0
320	0
313.72549	0
307.692308	0
301.886792	0
296.296296	0
290.909091	0
285.714286	0
280.701754	0
275.862069	0
271.186441	0
266.666667	0
262.295082	0
258.064516	0
253.968254	0
250	0
246.153846	0
242.424242	0
238.80597	0
235.294118	0
231.884058	0
228.571429	0
225.352113	0
222.222222	0
219.178082	0
216.216216	0
213.333333	0
210.526316	0
207.792208	0
205.128205	0
202.531646	0
200	0
197.530864	0
195.121951	0.309776
192.771084	1.612409
190.47619	0
188.235294	0
186.046512	0.231438
183.908046	8.149331
181.818182	9.884858
179.775281	5.700027
177.777778	3.246992
175.824176	1.41927

173.913043	0
172.043011	0
170.212766	0
168.421053	0
166.666667	0
164.948454	0
163.265306	0
161.616162	0
160	0
158.415842	0
156.862745	0
155.339806	0
153.846154	0
152.380952	0
150.943396	0
149.53271	0
148.148148	0
146.788991	0
145.454545	0
144.144144	0
142.857143	0
141.59292	0
140.350877	0
139.130435	0
137.931034	0
136.752137	0
135.59322	0
134.453782	0
133.333333	0
132.231405	0
131.147541	0
130.081301	0
129.032258	0
128	0
126.984127	0
125.984252	0
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123.076923	0
122.137405	0
121.212121	0
120.300752	0
119.402985	0
118.518519	0
117.647059	0
116.788321	0
115.942029	0

115.107914	0
114.285714	0
113.475177	0
112.676056	0
111.888112	0
111.111111	0
110.344828	0
109.589041	0
108.843537	0
108.108108	0
107.38255	0
106.666667	0
105.960265	0
105.263158	0
104.575163	0
103.896104	0
103.225806	0
102.564103	0
101.910828	0
101.265823	0
100.628931	0
100	0
99.378882	0
98.765432	0
98.159509	0
97.560976	0
96.969697	0
96.385542	0
95.808383	0
95.238095	0
94.674556	0
94.117647	0.236379
93.567251	0
93.023256	0
92.485549	0
91.954023	0
91.428571	0
90.909091	0
90.39548	0
89.88764	0
89.385475	0
88.888889	0
88.39779	0
87.912088	0
87.431694	0
86.956522	0
86.486486	0

86.021505	0
85.561497	0.152816
85.106383	0.531627
84.656085	0.092868
84.210526	0
83.769634	0
83.333333	0
82.901554	0
82.474227	1.954926
82.051282	4.985225
81.632653	5.178063
81.218274	4.039283
80.808081	2.438913
80.40201	3.198306
80	5.948386
79.60199	6.848486
79.207921	6.566356
78.817734	9.036388
78.431373	8.707481
78.04878	8.048233
77.669903	8.973091
77.294686	8.932701
76.923077	10.132655
76.555024	9.013323
76.190476	6.250972
75.829384	3.822088
75.471698	2.248437
75.117371	4.137372
74.766355	4.570179
74.418605	2.194201
74.074074	1.544009
73.732719	3.479505
73.394495	5.661337
73.059361	3.91409
72.727273	1.029252
72.39819	0.670535
72.072072	1.188593
71.748879	0
71.428571	0
71.111111	0
70.79646	0
70.484581	0
70.175439	0
69.868996	0
69.565217	0.505546
69.264069	0
68.965517	0.427447

68.669528	2.227175
68.376068	3.876592
68.085106	1.714927
67.79661	0
67.510549	0
67.226891	0
66.945607	0
66.666667	0
66.390041	0.270203
66.115702	2.205364
65.843621	5.314615
65.57377	10.033029
65.306122	13.439111
65.04065	12.535432
64.777328	7.232633
64.516129	4.186982
64.257028	2.034574
64	2.864656
63.74502	5.906659
63.492063	9.733049
63.241107	10.408171
62.992126	7.029841
62.745098	6.926048
62.5	8.412194
62.256809	10.2933
62.015504	10.624332
61.776062	8.041022
61.538462	4.083503
61.302682	2.346838
61.068702	2.744161
60.836502	3.856409
60.606061	2.661008
60.377358	1.928899
60.150376	1.492174
59.925094	0.566787
59.701493	0
59.479554	0
59.259259	0
59.04059	0
58.823529	0
58.608059	0
58.394161	0
58.181818	0
57.971014	0
57.761733	2.016781
57.553957	3.361904
57.34767	3.299083

57.142857	2.046444
56.939502	1.681402
56.737589	4.10822
56.537102	2.831651
56.338028	0.974401
56.140351	0.132354
55.944056	0.628352
55.749129	1.705061
55.555556	2.261282
55.363322	3.336616
55.172414	3.45592
54.982818	4.404362
54.794521	4.000155
54.607509	3.623266
54.421769	4.628753
54.237288	5.925296
54.054054	7.786967
53.872054	7.81304
53.691275	6.325135
53.511706	4.74644
53.333333	4.393839
53.156146	3.884326
52.980132	2.211827
52.805281	1.389499
52.631579	0.742169
52.459016	0
52.287582	0
52.117264	0
51.948052	0
51.779935	0
51.612903	0
51.446945	0
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50.314465	0
50.15674	0
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49.844237	0
49.689441	0
49.535604	0
49.382716	0
49.230769	0
49.079755	0

48.929664	0
48.780488	0
48.632219	0
48.484848	0
48.338369	0
48.192771	0
48.048048	0
47.904192	0
47.761194	0.241286
47.619048	1.389486
47.477745	1.346477
47.337278	0.200777
47.19764	0
47.058824	0.380449
46.920821	1.85541
46.783626	1.961893
46.64723	1.225114
46.511628	1.135191
46.376812	2.207508
46.242775	2.234817
46.10951	2.069264
45.977011	1.40454
45.845272	0.173518
45.714286	0
45.584046	0
45.454545	0
45.325779	0
45.19774	0
45.070423	0
44.94382	0
44.817927	0
44.692737	0
44.568245	0
44.444444	0
44.32133	0
44.198895	0
44.077135	0
43.956044	0
43.835616	0
43.715847	0
43.59673	0
43.478261	0
43.360434	0
43.243243	0
43.126685	0
43.010753	0
42.895442	0

42.780749	0
42.666667	0
42.553191	0
42.440318	0
42.328042	0
42.216359	0
42.105263	0
41.994751	0
41.884817	0
41.775457	0
41.666667	0
41.558442	0
41.450777	0
41.343669	0
41.237113	0
41.131105	0
41.025641	0
40.920716	0
40.816327	0
40.712468	0
40.609137	0
40.506329	0
40.40404	0
40.302267	0
40.201005	0
40.100251	0
40	0
39.900249	0
39.800995	0
39.702233	0
39.60396	0
39.506173	0
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39.312039	0
39.215686	0
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38.647343	0
38.554217	0
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38.369305	0
38.277512	0
38.186158	0
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37.647059	0
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37.12297	0
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36.781609	0
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36.613272	0
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36.199095	0
36.117381	0
36.036036	0
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35.874439	0
35.794183	0
35.714286	0
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35.555556	0
35.476718	0
35.39823	0
35.320088	0
35.242291	0
35.164835	0
35.087719	0
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34.782609	0
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34.632035	0
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34.482759	0
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34.115139	0
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33.970276	0
33.898305	0
33.826638	0
33.755274	0
33.684211	0
33.613445	0
33.542977	0
33.472803	0
33.402923	0
33.333333	0
33.264033	0.130449
33.195021	0.724809
33.126294	0.250928
33.057851	0
32.989691	0
32.921811	0
32.854209	0
32.786885	0
32.719836	0
32.653061	0
32.586558	0
32.520325	0
32.454361	0
32.388664	0
32.323232	0
32.258065	0
32.193159	0
32.128514	0
32.064128	0
32	0
31.936128	0
31.87251	0
31.809145	0
31.746032	0
31.683168	0
31.620553	0
31.558185	0
31.496063	0
31.434185	0
31.372549	0
31.311155	0

RAW Frequency (Hz)	RAW Level (db)	SAF Frequency (Hz)	SAF Level (db)
15.625	-52.312832	15.625	-24.039946
31.25	-48.183052	31.25	-19.905285
46.875	-47.202515	46.875	-18.112816
62.5	-45.489525	62.5	-15.317047
78.125	-46.841778	78.125	-17.32819
93.75	-47.27261	93.75	-18.586569
109.375	-46.667213	109.375	-18.05554
125	-45.576988	125	-17.3034
140.625	-46.776958	140.625	-18.460899
156.25	-46.655125	156.25	-17.855862
171.875	-47.082569	171.875	-17.79459
187.5	-44.818058	187.5	-18.661604
203.125	-45.180019	203.125	-20.282051
218.75	-47.068775	218.75	-20.028366
234.375	-48.557148	234.375	-19.601728
250	-48.692261	250	-20.141113
265.625	-49.435688	265.625	-21.099455
281.25	-50.093632	281.25	-22.043329
296.875	-48.498878	296.875	-21.061604
312.5	-46.532143	312.5	-17.930485
328.125	-45.734715	328.125	-16.718542
343.75	-45.292072	343.75	-20.310257
359.375	-45.235157	359.375	-20.27302
375	-44.462341	375	-16.411423
390.625	-43.921329	390.625	-18.233702
406.25	-45.374035	406.25	-23.498167
421.875	-48.133533	421.875	-24.812855
437.5	-47.165359	437.5	-25.163502
453.125	-48.540859	453.125	-25.397703
468.75	-51.163914	468.75	-25.702509
484.375	-49.860191	484.375	-24.01111
500	-47.296162	500	-23.735523
515.625	-45.058437	515.625	-22.979506
531.25	-43.360054	531.25	-23.365644
546.875	-43.139042	546.875	-24.450207
562.5	-44.047955	562.5	-24.226351
578.125	-43.959946	578.125	-25.327852
593.75	-43.245831	593.75	-25.297668
609.375	-45.422913	609.375	-26.649679
625	-50.056236	625	-27.656132
640.625	-51.087433	640.625	-27.227833
656.25	-49.405418	656.25	-27.223444
671.875	-49.75576	671.875	-26.997852
687.5	-49.32803	687.5	-25.349653
703.125	-47.812489	703.125	-24.798868
718.75	-48.531898	718.75	-25.724922
734.375	-50.196461	734.375	-25.285229
750	-50.5867	750	-25.163925

765.625	-50.72007	765.625	-26.109022
781.25	-50.931858	781.25	-27.2854
796.875	-51.067886	796.875	-28.100796
812.5	-50.214951	812.5	-28.953859
828.125	-50.35741	828.125	-30.086082
843.75	-50.612278	843.75	-29.843887
859.375	-50.316936	859.375	-28.406902
875	-49.692966	875	-28.803177
890.625	-49.912399	890.625	-29.575268
906.25	-50.065567	906.25	-28.391293
921.875	-48.394852	921.875	-27.783005
937.5	-47.687786	937.5	-28.277346
953.125	-47.105339	953.125	-27.788813
968.75	-48.043797	968.75	-27.526417
984.375	-48.671211	984.375	-28.385912
1000	-49.010632	1000	-28.311941
1015.625	-48.224072	1015.625	-26.061769
1031.25	-47.624283	1031.25	-25.431578
1046.875	-46.951889	1046.875	-26.088612
1062.5	-47.121273	1062.5	-26.330353
1078.125	-47.144348	1078.125	-27.214388
1093.75	-48.417671	1093.75	-26.388472
1109.375	-47.292149	1109.375	-25.639414
1125	-47.049435	1125	-25.010689
1140.625	-48.264416	1140.625	-25.460251
1156.25	-47.03371	1156.25	-25.200319
1171.875	-47.315128	1171.875	-24.757765
1187.5	-47.128056	1187.5	-24.45672
1203.125	-48.204456	1203.125	-24.037102
1218.75	-47.788624	1218.75	-24.123356
1234.375	-46.079285	1234.375	-23.503765
1250	-46.774204	1250	-23.384165
1265.625	-46.322857	1265.625	-24.612381
1281.25	-46.20171	1281.25	-24.091494
1296.875	-46.59584	1296.875	-23.046417
1312.5	-46.535496	1312.5	-22.177198
1328.125	-46.954445	1328.125	-22.77562
1343.75	-47.216415	1343.75	-24.01025
1359.375	-47.891571	1359.375	-24.885233
1375	-48.332184	1375	-24.285084
1390.625	-48.761852	1390.625	-24.64854
1406.25	-48.353828	1406.25	-26.185198
1421.875	-48.798531	1421.875	-25.499104
1437.5	-47.681782	1437.5	-24.292877
1453.125	-47.785191	1453.125	-25.002438
1468.75	-48.576988	1468.75	-25.910614
1484.375	-49.271076	1484.375	-26.016993
1500	-50.214561	1500	-25.13414
1515.625	-50.824368	1515.625	-25.902742
1531.25	-50.84177	1531.25	-26.199369

1546.875	-51.139858	1546.875	-25.49683
1562.5	-50.407837	1562.5	-25.566973
1578.125	-50.914944	1578.125	-25.500509
1593.75	-51.224865	1593.75	-24.633116
1609.375	-51.755527	1609.375	-24.884523
1625	-50.423443	1625	-24.115982
1640.625	-50.92107	1640.625	-24.677347
1656.25	-52.069237	1656.25	-25.611765
1671.875	-50.666737	1671.875	-26.109264
1687.5	-50.716354	1687.5	-25.85247
1703.125	-50.802242	1703.125	-25.522781
1718.75	-50.840416	1718.75	-24.404356
1734.375	-50.852436	1734.375	-24.525055
1750	-50.874245	1750	-23.801231
1765.625	-50.383408	1765.625	-24.459759
1781.25	-50.508503	1781.25	-24.919147
1796.875	-50.672695	1796.875	-25.480312
1812.5	-51.012829	1812.5	-26.840736
1828.125	-50.200092	1828.125	-26.937387
1843.75	-49.513916	1843.75	-26.623249
1859.375	-49.759811	1859.375	-27.114296
1875	-49.807751	1875	-26.082144
1890.625	-50.374531	1890.625	-25.465246
1906.25	-50.15493	1906.25	-26.393995
1921.875	-50.212299	1921.875	-27.658628
1937.5	-50.426556	1937.5	-27.230589
1953.125	-50.291512	1953.125	-26.242615
1968.75	-50.320442	1968.75	-25.906918
1984.375	-50.046684	1984.375	-25.408625
2000	-49.547379	2000	-26.104189
2015.625	-49.03339	2015.625	-26.943943
2031.25	-49.09016	2031.25	-27.184496
2046.875	-49.161118	2046.875	-27.217209
2062.5	-47.767017	2062.5	-28.428564
2078.125	-48.06749	2078.125	-29.042482
2093.75	-48.414097	2093.75	-29.228045
2109.375	-49.029346	2109.375	-30.113802
2125	-49.733768	2125	-30.274763
2140.625	-49.010731	2140.625	-29.982069
2156.25	-47.436142	2156.25	-29.582455
2171.875	-47.589924	2171.875	-29.372805
2187.5	-48.83276	2187.5	-29.862469
2203.125	-48.617783	2203.125	-29.685053
2218.75	-49.286354	2218.75	-30.058325
2234.375	-49.489475	2234.375	-30.361334
2250	-49.459675	2250	-30.795637
2265.625	-50.238934	2265.625	-31.356211
2281.25	-49.205727	2281.25	-30.46476
2296.875	-48.947681	2296.875	-30.178682
2312.5	-48.553303	2312.5	-30.481758

2328.125	-48.893559	2328.125	-29.577684
2343.75	-49.851704	2343.75	-29.112062
2359.375	-49.432972	2359.375	-28.940533
2375	-48.783699	2375	-29.156813
2390.625	-48.688263	2390.625	-30.068426
2406.25	-48.352417	2406.25	-30.090088
2421.875	-49.295719	2421.875	-30.003006
2437.5	-49.080429	2437.5	-29.133362
2453.125	-49.618183	2453.125	-27.902866
2468.75	-49.983387	2468.75	-27.526541
2484.375	-49.447857	2484.375	-27.157814
2500	-49.217796	2500	-28.296946
2515.625	-49.129173	2515.625	-28.789911
2531.25	-49.813419	2531.25	-27.700396
2546.875	-50.203266	2546.875	-27.776503
2562.5	-49.462624	2562.5	-28.281553
2578.125	-48.758144	2578.125	-28.330915
2593.75	-50.53598	2593.75	-27.815945
2609.375	-51.805935	2609.375	-27.679552
2625	-52.118179	2625	-28.58758
2640.625	-51.685024	2640.625	-28.558458
2656.25	-51.775429	2656.25	-27.740885
2671.875	-52.132282	2671.875	-26.928377
2687.5	-52.202339	2687.5	-26.694002
2703.125	-51.608665	2703.125	-27.051455
2718.75	-51.256199	2718.75	-26.568834
2734.375	-51.530071	2734.375	-26.942156
2750	-51.385387	2750	-27.638611
2765.625	-52.103661	2765.625	-27.478933
2781.25	-51.188313	2781.25	-26.948942
2796.875	-52.133301	2796.875	-26.61668
2812.5	-52.840187	2812.5	-26.945206
2828.125	-52.307011	2828.125	-28.500349
2843.75	-51.475651	2843.75	-28.752863
2859.375	-51.853939	2859.375	-28.698805
2875	-52.859077	2875	-29.599894
2890.625	-52.954075	2890.625	-29.927055
2906.25	-53.867165	2906.25	-29.529079
2921.875	-55.207878	2921.875	-29.455133
2937.5	-55.638462	2937.5	-29.782799
2953.125	-55.94244	2953.125	-30.369465
2968.75	-56.046635	2968.75	-30.930851
2984.375	-56.412701	2984.375	-31.506939
3000	-56.745514	3000	-32.083473
3015.625	-56.606113	3015.625	-32.646526
3031.25	-56.404846	3031.25	-33.092396
3046.875	-57.127121	3046.875	-33.495216
3062.5	-56.990261	3062.5	-33.526302
3078.125	-56.407021	3078.125	-33.717705
3093.75	-56.406258	3093.75	-33.808735

3109.375	-56.336819	3109.375	-34.318798
3125	-56.863079	3125	-34.855099
3140.625	-57.520702	3140.625	-35.079987
3156.25	-58.254318	3156.25	-35.470634
3171.875	-57.236591	3171.875	-35.868416
3187.5	-56.567108	3187.5	-36.077049
3203.125	-55.833035	3203.125	-35.914322
3218.75	-56.948723	3218.75	-35.517082
3234.375	-57.380856	3234.375	-35.746292
3250	-57.514088	3250	-36.336834
3265.625	-57.854382	3265.625	-36.289589
3281.25	-57.185341	3281.25	-35.750969
3296.875	-57.527534	3296.875	-36.161945
3312.5	-57.607567	3312.5	-36.50032
3328.125	-58.638084	3328.125	-35.874619
3343.75	-57.72105	3343.75	-35.249466
3359.375	-57.153763	3359.375	-34.722282
3375	-57.258572	3375	-35.161156
3390.625	-57.177399	3390.625	-35.720337
3406.25	-56.5117	3406.25	-35.523956
3421.875	-56.062393	3421.875	-35.252026
3437.5	-56.273525	3437.5	-34.492714
3453.125	-56.089741	3453.125	-33.693005
3468.75	-55.246227	3468.75	-34.26683
3484.375	-54.433666	3484.375	-33.964275
3500	-54.188038	3500	-33.400749
3515.625	-54.927399	3515.625	-33.350117
3531.25	-55.17762	3531.25	-33.661762
3546.875	-54.705788	3546.875	-34.540489
3562.5	-54.141609	3562.5	-34.558781
3578.125	-54.126625	3578.125	-34.426334
3593.75	-54.726131	3593.75	-33.701244
3609.375	-53.147343	3609.375	-33.489075
3625	-53.410007	3625	-33.709755
3640.625	-53.508846	3640.625	-34.031349
3656.25	-53.699257	3656.25	-33.970654
3671.875	-53.301701	3671.875	-33.627995
3687.5	-52.870697	3687.5	-33.849785
3703.125	-52.849316	3703.125	-34.044781
3718.75	-53.215603	3718.75	-33.935883
3734.375	-52.926193	3734.375	-32.891144
3750	-52.59063	3750	-32.638561
3765.625	-53.306263	3765.625	-33.054607
3781.25	-53.706017	3781.25	-33.543262
3796.875	-53.284924	3796.875	-33.256096
3812.5	-54.424168	3812.5	-33.414745
3828.125	-53.401257	3828.125	-33.743992
3843.75	-52.705338	3843.75	-33.306122
3859.375	-53.819492	3859.375	-33.020824
3875	-53.77166	3875	-33.784512

3890.625	-52.600243	3890.625	-34.06488
3906.25	-53.806641	3906.25	-34.526901
3921.875	-53.076267	3921.875	-35.114456
3937.5	-52.331882	3937.5	-35.269726
3953.125	-52.732231	3953.125	-35.674194
3968.75	-52.839264	3968.75	-36.143501
3984.375	-52.938602	3984.375	-36.569065
4000	-51.916904	4000	-36.316273
4015.625	-51.678314	4015.625	-35.747162
4031.25	-51.214264	4031.25	-36.220963
4046.875	-52.958241	4046.875	-36.518585
4062.5	-52.787174	4062.5	-37.294773
4078.125	-53.187031	4078.125	-37.98069
4093.75	-51.99292	4093.75	-37.57291
4109.375	-52.978668	4109.375	-37.592819
4125	-53.840992	4125	-37.519035
4140.625	-53.908062	4140.625	-38.028965
4156.25	-55.125175	4156.25	-38.562542
4171.875	-54.606705	4171.875	-39.068489
4187.5	-54.922844	4187.5	-39.493958
4203.125	-55.410965	4203.125	-39.655102
4218.75	-55.635635	4218.75	-39.576263
4234.375	-56.842575	4234.375	-39.317848
4250	-57.675751	4250	-38.807549
4265.625	-57.235107	4265.625	-39.254757
4281.25	-56.267265	4281.25	-39.392105
4296.875	-55.431591	4296.875	-39.446991
4312.5	-54.875504	4312.5	-38.932034
4328.125	-54.39798	4328.125	-39.526592
4343.75	-54.669437	4343.75	-40.119732
4359.375	-55.941227	4359.375	-39.938286
4375	-55.957718	4375	-39.068207
4390.625	-54.684067	4390.625	-39.096287
4406.25	-54.58606	4406.25	-39.860073
4421.875	-54.473354	4421.875	-39.588303
4437.5	-54.142204	4437.5	-39.835598
4453.125	-54.724491	4453.125	-39.960697
4468.75	-55.740936	4468.75	-40.066895
4484.375	-56.660812	4484.375	-40.250832
4500	-56.810688	4500	-40.384281
4515.625	-55.839527	4515.625	-39.76915
4531.25	-53.757961	4531.25	-39.777588
4546.875	-53.279289	4546.875	-40.262749
4562.5	-52.739414	4562.5	-40.02673
4578.125	-54.39677	4578.125	-40.443886
4593.75	-55.960026	4593.75	-40.335873
4609.375	-54.927898	4609.375	-40.782242
4625	-55.243938	4625	-41.179085
4640.625	-56.693504	4640.625	-40.898746
4656.25	-56.842422	4656.25	-41.336548

4671.875	-55.648884	4671.875	-41.633354
4687.5	-56.118885	4687.5	-41.700058
4703.125	-54.467602	4703.125	-41.085674
4718.75	-55.753292	4718.75	-41.081158
4734.375	-54.835621	4734.375	-40.747238
4750	-53.933636	4750	-40.707924
4765.625	-55.553139	4765.625	-40.967262
4781.25	-55.690678	4781.25	-41.202633
4796.875	-54.472553	4796.875	-40.630329
4812.5	-54.342087	4812.5	-40.702507
4828.125	-55.555454	4828.125	-40.97752
4843.75	-56.229187	4843.75	-40.88205
4859.375	-56.785549	4859.375	-40.987045
4875	-54.646107	4875	-40.281727
4890.625	-55.470154	4890.625	-40.067554
4906.25	-55.342838	4906.25	-39.898148
4921.875	-54.875607	4921.875	-39.902679
4937.5	-55.064857	4937.5	-40.154312
4953.125	-54.862022	4953.125	-39.284718
4968.75	-55.081974	4968.75	-39.301109
4984.375	-53.39053	4984.375	-39.666626
5000	-53.835434	5000	-39.671513
5015.625	-54.623375	5015.625	-39.808598
5031.25	-54.401794	5031.25	-40.376171
5046.875	-54.764446	5046.875	-40.564484
5062.5	-54.817837	5062.5	-40.825542
5078.125	-54.358921	5078.125	-40.387749
5093.75	-54.374428	5093.75	-40.656212
5109.375	-54.094383	5109.375	-40.508755
5125	-55.05386	5125	-41.135509
5140.625	-55.594852	5140.625	-41.007366
5156.25	-55.746658	5156.25	-42.045353
5171.875	-56.643349	5171.875	-42.414688
5187.5	-56.688389	5187.5	-42.428501
5203.125	-55.297459	5203.125	-42.271137
5218.75	-56.713261	5218.75	-42.669868
5234.375	-57.444523	5234.375	-42.931606
5250	-56.691498	5250	-43.293198
5265.625	-57.190147	5265.625	-43.130592
5281.25	-57.609558	5281.25	-43.398445
5296.875	-57.91151	5296.875	-43.917995
5312.5	-58.179306	5312.5	-44.159489
5328.125	-57.923866	5328.125	-43.956715
5343.75	-57.775322	5343.75	-44.96703
5359.375	-59.244244	5359.375	-45.206783
5375	-60.215099	5375	-45.188057
5390.625	-60.13665	5390.625	-45.986858
5406.25	-61.136032	5406.25	-45.944702
5421.875	-61.938469	5421.875	-46.1064
5437.5	-60.818096	5437.5	-46.602455

5453.125	-60.079193	5453.125	-46.138855
5468.75	-60.5238	5468.75	-46.134621
5484.375	-61.32769	5484.375	-46.991722
5500	-62.07127	5500	-47.600327
5515.625	-61.077679	5515.625	-47.437061
5531.25	-61.485405	5531.25	-47.315155
5546.875	-62.076317	5546.875	-47.192902
5562.5	-62.154686	5562.5	-48.023952
5578.125	-62.562817	5578.125	-47.950531
5593.75	-62.205738	5593.75	-47.394966
5609.375	-63.443478	5609.375	-47.131588
5625	-63.280388	5625	-47.639454
5640.625	-63.324238	5640.625	-49.194084
5656.25	-62.980122	5656.25	-49.117046
5671.875	-62.075504	5671.875	-48.848026
5687.5	-61.918674	5687.5	-48.529549
5703.125	-62.790932	5703.125	-49.248322
5718.75	-63.102871	5718.75	-49.059208
5734.375	-62.9468	5734.375	-48.855114
5750	-64.099297	5750	-49.882069
5765.625	-63.633591	5765.625	-50.114048
5781.25	-62.965649	5781.25	-50.683193
5796.875	-63.461735	5796.875	-50.597786
5812.5	-62.993362	5812.5	-49.490284
5828.125	-63.893703	5828.125	-48.115566
5843.75	-63.784393	5843.75	-49.246185
5859.375	-64.592087	5859.375	-51.722099
5875	-64.868561	5875	-51.267109
5890.625	-65.254776	5890.625	-50.803299
5906.25	-63.998184	5906.25	-51.114204
5921.875	-63.186337	5921.875	-51.353951
5937.5	-63.867558	5937.5	-51.600601
5953.125	-64.310883	5953.125	-51.200645
5968.75	-64.519867	5968.75	-51.472729
5984.375	-64.296738	5984.375	-51.474426
6000	-64.363228	6000	-51.197182
6015.625	-64.808319	6015.625	-51.662209
6031.25	-64.7174	6031.25	-51.281208
6046.875	-65.282928	6046.875	-51.863064
6062.5	-64.97908	6062.5	-51.739002
6078.125	-64.503975	6078.125	-51.274342
6093.75	-63.921913	6093.75	-51.293373
6109.375	-62.609516	6109.375	-51.872036
6125	-62.504112	6125	-51.332428
6140.625	-62.569305	6140.625	-51.123318
6156.25	-62.68713	6156.25	-50.985573
6171.875	-62.841923	6171.875	-51.367931
6187.5	-62.95533	6187.5	-50.995815
6203.125	-62.844803	6203.125	-50.199085
6218.75	-62.658306	6218.75	-50.155262

6234.375	-63.089886	6234.375	-50.534161
6250	-63.307262	6250	-50.786919
6265.625	-63.128269	6265.625	-49.257671
6281.25	-62.69453	6281.25	-49.042709
6296.875	-61.812031	6296.875	-49.167652
6312.5	-61.910984	6312.5	-48.493183
6328.125	-61.374393	6328.125	-49.07439
6343.75	-60.331802	6343.75	-48.66082
6359.375	-60.419739	6359.375	-49.129578
6375	-61.179657	6375	-49.999653
6390.625	-61.068779	6390.625	-49.050877
6406.25	-61.1036	6406.25	-49.33078
6421.875	-62.085514	6421.875	-50.935871
6437.5	-61.592709	6437.5	-50.764782
6453.125	-61.046879	6453.125	-49.929943
6468.75	-61.134884	6468.75	-49.922554
6484.375	-61.510326	6484.375	-49.844887
6500	-61.338837	6500	-49.881222
6515.625	-61.388767	6515.625	-49.71759
6531.25	-61.50008	6531.25	-49.119865
6546.875	-61.222576	6546.875	-48.534565
6562.5	-60.850136	6562.5	-47.318966
6578.125	-61.818146	6578.125	-48.641632
6593.75	-62.020355	6593.75	-49.970535
6609.375	-61.0298	6609.375	-49.920948
6625	-60.64497	6625	-49.431492
6640.625	-61.882118	6640.625	-50.311398
6656.25	-62.435535	6656.25	-50.835751
6671.875	-62.47002	6671.875	-50.543449
6687.5	-62.460453	6687.5	-49.764084
6703.125	-62.500309	6703.125	-48.986179
6718.75	-62.024593	6718.75	-47.584244
6734.375	-61.524155	6734.375	-47.863922
6750	-61.604523	6750	-48.981262
6765.625	-62.078476	6765.625	-49.78054
6781.25	-62.024891	6781.25	-50.19521
6796.875	-61.932159	6796.875	-50.321568
6812.5	-61.710445	6812.5	-50.109055
6828.125	-61.870789	6828.125	-50.435535
6843.75	-62.468731	6843.75	-49.862881
6859.375	-62.356384	6859.375	-49.034924
6875	-61.811142	6875	-49.025436
6890.625	-62.086479	6890.625	-49.290695
6906.25	-62.13937	6906.25	-49.487076
6921.875	-61.961288	6921.875	-50.077347
6937.5	-61.76273	6937.5	-50.621227
6953.125	-62.180103	6953.125	-50.476036
6968.75	-61.909149	6968.75	-49.904919
6984.375	-61.979347	6984.375	-50.002647
7000	-62.977036	7000	-50.926434

7015.625	-62.555801	7015.625	-51.106548
7031.25	-62.430016	7031.25	-51.032921
7046.875	-61.851395	7046.875	-50.409504
7062.5	-62.107063	7062.5	-50.232925
7078.125	-62.109238	7078.125	-50.21545
7093.75	-61.539951	7093.75	-50.632683
7109.375	-62.463791	7109.375	-51.30629
7125	-62.54187	7125	-51.279785
7140.625	-62.097225	7140.625	-50.920238
7156.25	-61.867023	7156.25	-50.544033
7171.875	-62.244736	7171.875	-50.729919
7187.5	-62.304977	7187.5	-50.483635
7203.125	-61.471146	7203.125	-50.276447
7218.75	-61.276218	7218.75	-50.754387
7234.375	-61.289181	7234.375	-50.286007
7250	-60.490856	7250	-50.126427
7265.625	-60.909481	7265.625	-50.534023
7281.25	-61.636936	7281.25	-50.678028
7296.875	-61.586739	7296.875	-50.910606
7312.5	-61.596092	7312.5	-52.096394
7328.125	-61.078129	7328.125	-51.725937
7343.75	-61.22448	7343.75	-51.481052
7359.375	-61.533134	7359.375	-51.572777
7375	-61.111183	7375	-51.488567
7390.625	-61.657467	7390.625	-51.732758
7406.25	-61.77496	7406.25	-51.963699
7421.875	-61.237366	7421.875	-51.943405
7437.5	-60.864594	7437.5	-51.61689
7453.125	-61.594513	7453.125	-52.445858
7468.75	-61.593628	7468.75	-52.472466
7484.375	-62.326412	7484.375	-52.229614
7500	-62.58699	7500	-52.670338
7515.625	-63.188263	7515.625	-53.436142
7531.25	-64.055267	7531.25	-54.073814
7546.875	-64.827354	7546.875	-54.566917
7562.5	-65.537544	7562.5	-54.887814
7578.125	-66.155975	7578.125	-56.122227
7593.75	-66.673653	7593.75	-57.237949
7609.375	-67.942299	7609.375	-58.045612
7625	-69.063263	7625	-58.528038
7640.625	-69.526886	7640.625	-59.484104
7656.25	-70.870804	7656.25	-61.009365
7671.875	-71.599815	7671.875	-61.663872
7687.5	-70.894562	7687.5	-61.191563
7703.125	-70.906845	7703.125	-61.252838
7718.75	-70.823769	7718.75	-61.281319
7734.375	-70.491081	7734.375	-61.874352
7750	-70.155182	7750	-62.753937
7765.625	-69.837868	7765.625	-63.101532
7781.25	-69.70253	7781.25	-62.963665

7796.875	-69.650963	7796.875	-63.012081
7812.5	-69.762383	7812.5	-63.579182
7828.125	-69.966713	7828.125	-63.995571
7843.75	-70.300644	7843.75	-64.391998
7859.375	-70.741592	7859.375	-64.81044
7875	-71.265488	7875	-65.384712
7890.625	-71.823959	7890.625	-65.990128
7906.25	-72.342781	7906.25	-66.488708
7921.875	-72.933563	7921.875	-67.057861
7937.5	-73.528625	7937.5	-67.642677
7953.125	-74.037247	7953.125	-68.124344
7968.75	-74.428314	7968.75	-68.482559
7984.375	-74.676674	7984.375	-68.622597

RAW Lag (seconds)	RAW Frequency (Hz)	RAW Level (db)	SAF Lag (seconds)
0.000063	16000	87.373039	0.000063
0.000125	8000	36.630119	0.000125
0.000188	5333.333333	19.382357	0.000188
0.00025	4000	11.388565	0.00025
0.000313	3200	10.811137	0.000313
0.000375	2666.666667	9.962001	0.000375
0.000438	2285.714286	12.049132	0.000438
0.0005	2000	3.649054	0.0005
0.000562	1777.777778	2.653641	0.000562
0.000625	1600	-0.291423	0.000625
0.000687	1454.545455	2.106107	0.000687
0.00075	1333.333333	6.487709	0.00075
0.000812	1230.769231	6.762486	0.000812
0.000875	1142.857143	0.607352	0.000875
0.000937	1066.666667	0.739299	0.000937
0.001	1000	2.967974	0.001
0.001063	941.176471	4.644475	0.001063
0.001125	888.888889	3.481408	0.001125
0.001187	842.105263	1.83613	0.001187
0.00125	800	0.440516	0.00125
0.001313	761.904762	0.716235	0.001313
0.001375	727.272727	2.433162	0.001375
0.001437	695.652174	2.461538	0.001437
0.0015	666.666667	2.916609	0.0015
0.001563	640	2.418323	0.001563
0.001625	615.384615	1.391689	0.001625
0.001687	592.592593	0.937677	0.001687
0.00175	571.428571	1.127196	0.00175
0.001813	551.724138	-0.673127	0.001813
0.001875	533.333333	-2.058013	0.001875
0.001937	516.129032	-1.887951	0.001937
0.002	500	-1.459258	0.002
0.002063	484.848485	-1.495722	0.002063
0.002125	470.588235	-0.984545	0.002125
0.002188	457.142857	-0.182496	0.002188
0.00225	444.444444	-0.172158	0.00225
0.002312	432.432432	-0.46311	0.002312
0.002375	421.052632	0.34663	0.002375
0.002437	410.25641	1.59956	0.002437
0.0025	400	1.686649	0.0025
0.002563	390.243902	0.756396	0.002563
0.002625	380.952381	-0.144155	0.002625
0.002687	372.093023	-0.060607	0.002687
0.00275	363.636364	0.469413	0.00275
0.002812	355.555556	1.127547	0.002812

0.002875	347.826087	1.60358	0.002875
0.002938	340.425532	1.783507	0.002938
0.003	333.333333	1.203075	0.003
0.003063	326.530612	0.652803	0.003063
0.003125	320	0.599719	0.003125
0.003187	313.72549	0.833402	0.003187
0.00325	307.692308	0.372037	0.00325
0.003312	301.886792	-0.160908	0.003312
0.003375	296.296296	-0.41555	0.003375
0.003438	290.909091	-0.442615	0.003438
0.0035	285.714286	-0.426847	0.0035
0.003563	280.701754	-0.415224	0.003563
0.003625	275.862069	-0.804176	0.003625
0.003687	271.186441	-1.252358	0.003687
0.00375	266.666667	-1.321381	0.00375
0.003812	262.295082	-1.399602	0.003812
0.003875	258.064516	-1.227056	0.003875
0.003938	253.968254	-0.885437	0.003938
0.004	250	-0.991203	0.004
0.004063	246.153846	-1.712234	0.004063
0.004125	242.424242	-2.130826	0.004125
0.004188	238.80597	-2.368754	0.004188
0.00425	235.294118	-2.509178	0.00425
0.004313	231.884058	-2.439556	0.004313
0.004375	228.571429	-2.286876	0.004375
0.004437	225.352113	-2.557368	0.004437
0.0045	222.222222	-2.714645	0.0045
0.004562	219.178082	-2.457332	0.004562
0.004625	216.216216	-2.431552	0.004625
0.004687	213.333333	-2.255393	0.004687
0.00475	210.526316	-2.076776	0.00475
0.004812	207.792208	-1.834127	0.004812
0.004875	205.128205	-1.698885	0.004875
0.004938	202.531646	-1.659735	0.004938
0.005	200	-1.157944	0.005
0.005063	197.530864	-0.604261	0.005063
0.005125	195.121951	-0.442595	0.005125
0.005188	192.771084	-0.25285	0.005188
0.00525	190.47619	-0.205603	0.00525
0.005313	188.235294	-0.291899	0.005313
0.005375	186.046512	-0.046949	0.005375
0.005437	183.908046	0.569171	0.005437
0.0055	181.818182	1.031266	0.0055
0.005562	179.775281	0.818244	0.005562
0.005625	177.777778	0.779613	0.005625
0.005687	175.824176	0.729998	0.005687
0.00575	173.913043	0.497041	0.00575

0.005812	172.043011	0.359989	0.005812
0.005875	170.212766	0.170334	0.005875
0.005938	168.421053	-0.113827	0.005938
0.006	166.666667	-0.40381	0.006
0.006063	164.948454	-0.610642	0.006063
0.006125	163.265306	-0.852368	0.006125
0.006188	161.616162	-0.970928	0.006188
0.00625	160	-1.263787	0.00625
0.006313	158.415842	-1.395051	0.006313
0.006375	156.862745	-1.468354	0.006375
0.006437	155.339806	-1.744417	0.006437
0.0065	153.846154	-1.999816	0.0065
0.006562	152.380952	-2.357831	0.006562
0.006625	150.943396	-2.411575	0.006625
0.006687	149.53271	-2.062189	0.006687
0.00675	148.148148	-1.508951	0.00675
0.006812	146.788991	-1.063451	0.006812
0.006875	145.454545	-1.090613	0.006875
0.006938	144.144144	-1.322554	0.006938
0.007	142.857143	-1.654839	0.007
0.007063	141.59292	-1.961049	0.007063
0.007125	140.350877	-2.051147	0.007125
0.007188	139.130435	-1.91038	0.007188
0.00725	137.931034	-1.70169	0.00725
0.007313	136.752137	-1.52413	0.007313
0.007375	135.59322	-1.036668	0.007375
0.007437	134.453782	-0.622794	0.007437
0.0075	133.333333	-0.782535	0.0075
0.007562	132.231405	-1.080012	0.007562
0.007625	131.147541	-1.139558	0.007625
0.007687	130.081301	-0.95076	0.007687
0.00775	129.032258	-0.981506	0.00775
0.007812	128	-1.135006	0.007812
0.007875	126.984127	-1.239637	0.007875
0.007938	125.984252	-1.517285	0.007938
0.008	125	-1.443267	0.008
0.008063	124.031008	-1.025127	0.008063
0.008125	123.076923	-0.706559	0.008125
0.008188	122.137405	-0.676295	0.008188
0.00825	121.212121	-0.703759	0.00825
0.008313	120.300752	-0.707562	0.008313
0.008375	119.402985	-0.626701	0.008375
0.008438	118.518519	-0.406521	0.008438
0.0085	117.647059	-0.288318	0.0085
0.008563	116.788321	-0.292693	0.008563
0.008625	115.942029	-0.773255	0.008625
0.008688	115.107914	-1.414414	0.008688

0.00875	114.285714	-1.491172	0.00875
0.008812	113.475177	-1.328873	0.008812
0.008875	112.676056	-1.454577	0.008875
0.008937	111.888112	-1.351156	0.008937
0.009	111.111111	-1.308255	0.009
0.009062	110.344828	-1.522081	0.009062
0.009125	109.589041	-1.568891	0.009125
0.009187	108.843537	-1.348036	0.009187
0.00925	108.108108	-1.295068	0.00925
0.009312	107.38255	-1.402142	0.009312
0.009375	106.666667	-1.456118	0.009375
0.009437	105.960265	-1.383532	0.009437
0.0095	105.263158	-1.10711	0.0095
0.009562	104.575163	-0.788189	0.009562
0.009625	103.896104	-0.395968	0.009625
0.009687	103.225806	-0.500636	0.009687
0.00975	102.564103	-0.742962	0.00975
0.009813	101.910828	-1.00803	0.009813
0.009875	101.265823	-1.133665	0.009875
0.009938	100.628931	-0.903615	0.009938
0.01	100	-0.98664	0.01
0.010063	99.378882	-1.187267	0.010063
0.010125	98.765432	-1.317268	0.010125
0.010188	98.159509	-1.346189	0.010188
0.01025	97.560976	-1.444345	0.01025
0.010313	96.969697	-1.501729	0.010313
0.010375	96.385542	-1.412941	0.010375
0.010438	95.808383	-1.420055	0.010438
0.0105	95.238095	-1.478834	0.0105
0.010563	94.674556	-1.485667	0.010563
0.010625	94.117647	-1.421639	0.010625
0.010688	93.567251	-1.589232	0.010688
0.01075	93.023256	-1.740081	0.01075
0.010812	92.485549	-1.886957	0.010812
0.010875	91.954023	-2.089213	0.010875
0.010937	91.428571	-2.030395	0.010937
0.011	90.909091	-1.894781	0.011
0.011062	90.39548	-2.013407	0.011062
0.011125	89.88764	-1.965253	0.011125
0.011187	89.385475	-1.74784	0.011187
0.01125	88.888889	-1.696796	0.01125
0.011312	88.39779	-1.709974	0.011312
0.011375	87.912088	-1.464627	0.011375
0.011437	87.431694	-1.072597	0.011437
0.0115	86.956522	-1.059	0.0115
0.011562	86.486486	-1.022105	0.011562
0.011625	86.021505	-0.927873	0.011625

0.011687	85.561497	-0.981343	0.011687
0.01175	85.106383	-1.097739	0.01175
0.011813	84.656085	-1.179011	0.011813
0.011875	84.210526	-1.043334	0.011875
0.011938	83.769634	-1.118861	0.011938
0.012	83.333333	-1.354499	0.012
0.012063	82.901554	-1.225762	0.012063
0.012125	82.474227	-0.877939	0.012125
0.012188	82.051282	-0.612275	0.012188
0.01225	81.632653	-0.639254	0.01225
0.012313	81.218274	-0.71255	0.012313
0.012375	80.808081	-0.696656	0.012375
0.012438	80.40201	-0.583454	0.012438
0.0125	80	-0.324106	0.0125
0.012563	79.60199	-0.213627	0.012563
0.012625	79.207921	-0.2123	0.012625
0.012688	78.817734	-0.262311	0.012688
0.01275	78.431373	-0.387752	0.01275
0.012812	78.04878	-0.212946	0.012812
0.012875	77.669903	0.042024	0.012875
0.012937	77.294686	0.10253	0.012937
0.013	76.923077	0.167493	0.013
0.013062	76.555024	0.095656	0.013062
0.013125	76.190476	-0.022836	0.013125
0.013187	75.829384	-0.102534	0.013187
0.01325	75.471698	-0.213482	0.01325
0.013312	75.117371	-0.236469	0.013312
0.013375	74.766355	-0.157403	0.013375
0.013437	74.418605	-0.04835	0.013437
0.0135	74.074074	-0.092519	0.0135
0.013562	73.732719	-0.258471	0.013562
0.013625	73.394495	-0.267677	0.013625
0.013688	73.059361	-0.36406	0.013688
0.01375	72.727273	-0.670878	0.01375
0.013813	72.39819	-0.827796	0.013813
0.013875	72.072072	-0.818775	0.013875
0.013938	71.748879	-0.98513	0.013938
0.014	71.428571	-1.299768	0.014
0.014063	71.111111	-1.472083	0.014063
0.014125	70.79646	-1.450681	0.014125
0.014188	70.484581	-1.369191	0.014188
0.01425	70.175439	-1.187232	0.01425
0.014313	69.868996	-1.078146	0.014313
0.014375	69.565217	-1.171523	0.014375
0.014438	69.264069	-1.291777	0.014438
0.0145	68.965517	-1.165938	0.0145
0.014563	68.669528	-0.929783	0.014563

0.014625	68.376068	-0.574535	0.014625
0.014687	68.085106	-0.434525	0.014687
0.01475	67.79661	-0.511635	0.01475
0.014812	67.510549	-0.484484	0.014812
0.014875	67.226891	-0.531265	0.014875
0.014937	66.945607	-0.322	0.014937
0.015	66.666667	-0.144668	0.015
0.015062	66.390041	-0.064926	0.015062
0.015125	66.115702	0.235177	0.015125
0.015187	65.843621	0.594378	0.015187
0.01525	65.57377	0.70546	0.01525
0.015312	65.306122	0.797579	0.015312
0.015375	65.04065	0.988967	0.015375
0.015437	64.777328	0.796291	0.015437
0.0155	64.516129	0.460724	0.0155
0.015562	64.257028	0.29059	0.015562
0.015625	64	0.267115	0.015625
0.015688	63.74502	0.623401	0.015688
0.01575	63.492063	1.010717	0.01575
0.015813	63.241107	1.099216	0.015813
0.015875	62.992126	0.882715	0.015875
0.015938	62.745098	0.793947	0.015938
0.016	62.5	0.840055	0.016
0.016063	62.256809	0.839248	0.016063
0.016125	62.015504	0.741921	0.016125
0.016188	61.776062	0.473465	0.016188
0.01625	61.538462	0.202122	0.01625
0.016313	61.302682	-0.022899	0.016313
0.016375	61.068702	-0.053575	0.016375
0.016438	60.836502	-0.073305	0.016438
0.0165	60.606061	-0.094852	0.0165
0.016563	60.377358	-0.085039	0.016563
0.016625	60.150376	-0.099328	0.016625
0.016688	59.925094	-0.270003	0.016688
0.01675	59.701493	-0.331295	0.01675
0.016813	59.479554	-0.172405	0.016813
0.016875	59.259259	-0.129922	0.016875
0.016938	59.04059	-0.342476	0.016938
0.017	58.823529	-0.449601	0.017
0.017063	58.608059	-0.295263	0.017063
0.017125	58.394161	-0.308051	0.017125
0.017188	58.181818	-0.125962	0.017188
0.01725	57.971014	-0.034251	0.01725
0.017313	57.761733	-0.183867	0.017313
0.017375	57.553957	-0.246883	0.017375
0.017438	57.34767	-0.240701	0.017438
0.0175	57.142857	-0.321578	0.0175

0.017563	56.939502	-0.364862	0.017563
0.017625	56.737589	-0.098076	0.017625
0.017687	56.537102	-0.025552	0.017687
0.01775	56.338028	-0.079694	0.01775
0.017812	56.140351	0.024509	0.017812
0.017875	55.944056	0.205453	0.017875
0.017937	55.749129	0.35309	0.017937
0.018	55.555556	0.456211	0.018
0.018062	55.363322	0.479494	0.018062
0.018125	55.172414	0.48912	0.018125
0.018187	54.982818	0.611386	0.018187
0.01825	54.794521	0.672912	0.01825
0.018312	54.607509	0.582911	0.018312
0.018375	54.421769	0.606496	0.018375
0.018437	54.237288	1.008709	0.018437
0.0185	54.054054	1.044559	0.0185
0.018562	53.872054	0.859115	0.018562
0.018625	53.691275	0.700581	0.018625
0.018687	53.511706	0.541421	0.018687
0.01875	53.333333	0.524876	0.01875
0.018812	53.156146	0.572054	0.018812
0.018875	52.980132	0.556671	0.018875
0.018937	52.805281	0.354905	0.018937
0.019	52.631579	0.266232	0.019
0.019062	52.459016	0.105278	0.019062
0.019125	52.287582	-0.193247	0.019125
0.019187	52.117264	-0.301078	0.019187
0.01925	51.948052	-0.365807	0.01925
0.019312	51.779935	-0.42684	0.019312
0.019375	51.612903	-0.502807	0.019375
0.019437	51.446945	-0.58007	0.019437
0.0195	51.282051	-0.609421	0.0195
0.019563	51.118211	-0.57812	0.019563
0.019625	50.955414	-0.576065	0.019625
0.019688	50.793651	-0.716443	0.019688
0.01975	50.632911	-0.854506	0.01975
0.019813	50.473186	-0.992254	0.019813
0.019875	50.314465	-1.064587	0.019875
0.019938	50.15674	-1.003434	0.019938
0.02	50	-0.786724	0.02
0.020063	49.844237	-0.645684	0.020063
0.020125	49.689441	-0.614708	0.020125
0.020188	49.535604	-0.590454	0.020188
0.02025	49.382716	-0.576398	0.02025
0.020313	49.230769	-0.634306	0.020313
0.020375	49.079755	-0.567695	0.020375
0.020438	48.929664	-0.422625	0.020438

0.0205	48.780488	-0.272252	0.0205
0.020563	48.632219	-0.093232	0.020563
0.020625	48.484848	-0.118481	0.020625
0.020688	48.338369	-0.121814	0.020688
0.02075	48.192771	-0.007263	0.02075
0.020813	48.048048	0.037433	0.020813
0.020875	47.904192	-0.070341	0.020875
0.020938	47.761194	-0.060976	0.020938
0.021	47.619048	-0.05696	0.021
0.021063	47.477745	-0.059914	0.021063
0.021125	47.337278	-0.126165	0.021125
0.021188	47.19764	-0.180159	0.021188
0.02125	47.058824	-0.059009	0.02125
0.021313	46.920821	0.03532	0.021313
0.021375	46.783626	0.012951	0.021375
0.021438	46.64723	-0.135811	0.021438
0.0215	46.511628	-0.251878	0.0215
0.021562	46.376812	-0.275463	0.021562
0.021625	46.242775	-0.131835	0.021625
0.021687	46.10951	-0.137927	0.021687
0.02175	45.977011	-0.327076	0.02175
0.021812	45.845272	-0.356452	0.021812
0.021875	45.714286	-0.357617	0.021875
0.021937	45.584046	-0.483284	0.021937
0.022	45.454545	-0.583894	0.022
0.022062	45.325779	-0.520307	0.022062
0.022125	45.19774	-0.606255	0.022125
0.022187	45.070423	-0.71844	0.022187
0.02225	44.94382	-0.733124	0.02225
0.022312	44.817927	-0.728252	0.022312
0.022375	44.692737	-0.780771	0.022375
0.022437	44.568245	-0.789861	0.022437
0.0225	44.444444	-0.741408	0.0225
0.022562	44.32133	-0.750429	0.022562
0.022625	44.198895	-0.610914	0.022625
0.022687	44.077135	-0.479532	0.022687
0.02275	43.956044	-0.428905	0.02275
0.022812	43.835616	-0.499668	0.022812
0.022875	43.715847	-0.592203	0.022875
0.022937	43.59673	-0.697238	0.022937
0.023	43.478261	-0.74023	0.023
0.023062	43.360434	-0.732009	0.023062
0.023125	43.243243	-0.569409	0.023125
0.023187	43.126685	-0.393621	0.023187
0.02325	43.010753	-0.50364	0.02325
0.023312	42.895442	-0.572688	0.023312
0.023375	42.780749	-0.411151	0.023375

0.023438	42.666667	-0.33148	0.023438
0.0235	42.553191	-0.450541	0.0235
0.023563	42.440318	-0.398606	0.023563
0.023625	42.328042	-0.378465	0.023625
0.023688	42.216359	-0.450694	0.023688
0.02375	42.105263	-0.510537	0.02375
0.023813	41.994751	-0.50541	0.023813
0.023875	41.884817	-0.539529	0.023875
0.023938	41.775457	-0.464005	0.023938
0.024	41.666667	-0.292863	0.024
0.024063	41.558442	-0.267692	0.024063
0.024125	41.450777	-0.254879	0.024125
0.024188	41.343669	-0.225412	0.024188
0.02425	41.237113	-0.214256	0.02425
0.024313	41.131105	-0.264863	0.024313
0.024375	41.025641	-0.131925	0.024375
0.024438	40.920716	-0.021614	0.024438
0.0245	40.816327	-0.105486	0.0245
0.024563	40.712468	-0.194365	0.024563
0.024625	40.609137	-0.218399	0.024625
0.024688	40.506329	-0.337237	0.024688
0.02475	40.40404	-0.507686	0.02475
0.024813	40.302267	-0.417212	0.024813
0.024875	40.201005	-0.316446	0.024875
0.024938	40.100251	-0.302258	0.024938
0.025	40	-0.349822	0.025
0.025063	39.900249	-0.372162	0.025063
0.025125	39.800995	-0.398969	0.025125
0.025188	39.702233	-0.417979	0.025188
0.02525	39.60396	-0.413707	0.02525
0.025313	39.506173	-0.48029	0.025313
0.025375	39.408867	-0.49636	0.025375
0.025437	39.312039	-0.592552	0.025437
0.0255	39.215686	-0.609465	0.0255
0.025562	39.119804	-0.527005	0.025562
0.025625	39.02439	-0.372167	0.025625
0.025687	38.92944	-0.233121	0.025687
0.02575	38.834951	-0.21994	0.02575
0.025812	38.74092	-0.239174	0.025812
0.025875	38.647343	-0.346276	0.025875
0.025937	38.554217	-0.491286	0.025937
0.026	38.461538	-0.489319	0.026
0.026062	38.369305	-0.375429	0.026062
0.026125	38.277512	-0.342588	0.026125
0.026187	38.186158	-0.280009	0.026187
0.02625	38.095238	-0.209532	0.02625
0.026312	38.004751	-0.257728	0.026312

0.026375	37.914692	-0.294874	0.026375
0.026437	37.825059	-0.255755	0.026437
0.0265	37.735849	-0.201778	0.0265
0.026562	37.647059	-0.122976	0.026562
0.026625	37.558685	-0.009885	0.026625
0.026687	37.470726	0.012886	0.026687
0.02675	37.383178	-0.080712	0.02675
0.026812	37.296037	-0.114194	0.026812
0.026875	37.209302	-0.147213	0.026875
0.026937	37.12297	-0.221059	0.026937
0.027	37.037037	-0.164466	0.027
0.027062	36.951501	-0.174549	0.027062
0.027125	36.866359	-0.144757	0.027125
0.027187	36.781609	-0.064179	0.027187
0.02725	36.697248	-0.121348	0.02725
0.027312	36.613272	-0.163661	0.027312
0.027375	36.52968	-0.187517	0.027375
0.027438	36.446469	-0.152492	0.027438
0.0275	36.363636	-0.154037	0.0275
0.027563	36.281179	-0.180569	0.027563
0.027625	36.199095	-0.125923	0.027625
0.027688	36.117381	-0.053138	0.027688
0.02775	36.036036	-0.044068	0.02775
0.027813	35.955056	-0.063999	0.027813
0.027875	35.874439	-0.162958	0.027875
0.027938	35.794183	-0.166291	0.027938
0.028	35.714286	-0.077734	0.028
0.028063	35.634744	-0.111183	0.028063
0.028125	35.555556	-0.225806	0.028125
0.028188	35.476718	-0.127464	0.028188
0.02825	35.39823	0.04768	0.02825
0.028313	35.320088	-0.033808	0.028313
0.028375	35.242291	-0.110965	0.028375
0.028438	35.164835	-0.071694	0.028438
0.0285	35.087719	-0.091025	0.0285
0.028563	35.010941	-0.08034	0.028563
0.028625	34.934498	0.031299	0.028625
0.028688	34.858388	0.048251	0.028688
0.02875	34.782609	0.013644	0.02875
0.028813	34.707158	-0.083545	0.028813
0.028875	34.632035	-0.153556	0.028875
0.028938	34.557235	-0.114439	0.028938
0.029	34.482759	-0.029841	0.029
0.029063	34.408602	0.033073	0.029063
0.029125	34.334764	-0.025272	0.029125
0.029188	34.261242	-0.056234	0.029188
0.02925	34.188034	-0.014887	0.02925

0.029312	34.115139	0.061521	0.029312
0.029375	34.042553	0.121192	0.029375
0.029437	33.970276	0.135483	0.029437
0.0295	33.898305	0.223802	0.0295
0.029562	33.826638	0.154512	0.029562
0.029625	33.755274	-0.040379	0.029625
0.029687	33.684211	-0.006754	0.029687
0.02975	33.613445	0.091861	0.02975
0.029812	33.542977	0.115706	0.029812
0.029875	33.472803	0.137999	0.029875
0.029937	33.402923	0.240043	0.029937
0.03	33.333333	0.255839	0.03
0.030062	33.264033	0.2054	0.030062
0.030125	33.195021	0.27142	0.030125
0.030187	33.126294	0.335384	0.030187
0.03025	33.057851	0.37823	0.03025
0.030312	32.989691	0.350263	0.030312
0.030375	32.921811	0.282538	0.030375
0.030437	32.854209	0.310094	0.030437
0.0305	32.786885	0.381029	0.0305
0.030562	32.719836	0.39121	0.030562
0.030625	32.653061	0.348449	0.030625
0.030687	32.586558	0.363906	0.030687
0.03075	32.520325	0.500305	0.03075
0.030812	32.454361	0.514274	0.030812
0.030875	32.388664	0.434988	0.030875
0.030937	32.323232	0.45756	0.030937
0.031	32.258065	0.415774	0.031
0.031062	32.193159	0.393823	0.031062
0.031125	32.128514	0.395771	0.031125
0.031187	32.064128	0.458491	0.031187
0.03125	32	0.568988	0.03125
0.031313	31.936128	0.564515	0.031313
0.031375	31.87251	0.469966	0.031375
0.031438	31.809145	0.421757	0.031438
0.0315	31.746032	0.431288	0.0315
0.031563	31.683168	0.341985	0.031563
0.031625	31.620553	0.276097	0.031625
0.031688	31.558185	0.32754	0.031688
0.03175	31.496063	0.301432	0.03175
0.031813	31.434185	0.284079	0.031813
0.031875	31.372549	0.365658	0.031875
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SAF Frequency (Hz)	SAF Level (db)
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3200	51.185745
2666.666667	171.652588
2285.714286	245.435791
2000	221.659409
1777.777778	264.012939
1600	316.839478
1454.545455	398.173798
1333.333333	408.182922
1230.769231	248.490509
1142.857143	2.140489
1066.666667	-91.95237
1000	-20.464722
941.176471	56.722221
888.888889	25.427069
842.105263	-83.356003
800	-181.194016
761.904762	-183.745941
727.272727	-113.792816
695.652174	-45.292858
666.666667	0.879321
640	14.441256
615.384615	-1.614068
592.592593	-25.810301
571.428571	-36.237625
551.724138	-60.739635
533.333333	-101.308342
516.129032	-120.086845
500	-108.51973
484.848485	-95.466492
470.588235	-85.554398
457.142857	-70.535652
444.444444	-55.023823
432.432432	-38.331913
421.052632	-3.134078
410.25641	30.154583
400	38.174625
390.243902	15.637355
380.952381	-13.386289
372.093023	-29.181955
363.636364	-21.120905
355.555556	11.997464

347.826087	35.857723
340.425532	39.80809
333.333333	25.657427
326.530612	3.43878
320	-10.659201
313.72549	-22.837645
307.692308	-38.710651
301.886792	-51.050552
296.296296	-59.930695
290.909091	-66.212387
285.714286	-71.700165
280.701754	-67.053673
275.862069	-63.205479
271.186441	-75.222656
266.666667	-92.213097
262.295082	-92.01796
258.064516	-74.150017
253.968254	-49.899876
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246.153846	-55.921612
242.424242	-82.12606
238.80597	-102.788864
235.294118	-108.95829
231.884058	-98.437943
228.571429	-83.962135
225.352113	-76.660507
222.222222	-79.932243
219.178082	-87.218979
216.216216	-91.961449
213.333333	-92.921646
210.526316	-93.589363
207.792208	-90.992424
205.128205	-78.86615
202.531646	-63.673233
200	-39.194031
197.530864	-13.84526
195.121951	1.719
192.771084	3.807764
190.47619	-3.640293
188.235294	-5.976933
186.046512	6.036727
183.908046	28.011597
181.818182	39.690426
179.775281	38.683228
177.777778	37.30019
175.824176	31.767443
173.913043	14.955866

172.043011	-1.393238
170.212766	-8.771833
168.421053	-3.946951
166.666667	0.44633
164.948454	-4.413111
163.265306	-16.316526
161.616162	-26.282907
160	-29.699844
158.415842	-30.629627
156.862745	-31.030319
155.339806	-33.792484
153.846154	-46.663906
152.380952	-64.208298
150.943396	-68.499336
149.53271	-58.288307
148.148148	-35.079479
146.788991	-15.96429
145.454545	-20.171995
144.144144	-40.666138
142.857143	-63.106064
141.59292	-78.856407
140.350877	-83.575706
139.130435	-83.328957
137.931034	-80.841545
136.752137	-67.479195
135.59322	-42.911648
134.453782	-23.630669
133.333333	-24.63978
132.231405	-38.010548
131.147541	-46.276718
130.081301	-44.31142
129.032258	-40.094379
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126.984127	-40.592796
125.984252	-36.362961
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124.031008	-27.145023
123.076923	-29.409317
122.137405	-33.6152
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116.788321	-14.363978
115.942029	-32.73613
115.107914	-53.818172

114.285714	-63.526669
113.475177	-51.933167
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110.344828	-31.603693
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107.38255	-34.452488
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105.960265	-56.20406
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102.564103	-20.668694
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100	-19.941854
99.378882	-22.676994
98.765432	-26.579557
98.159509	-28.144901
97.560976	-29.921476
96.969697	-27.564871
96.385542	-22.625536
95.808383	-14.394654
95.238095	-6.876456
94.674556	-3.421316
94.117647	-2.69517
93.567251	-10.870712
93.023256	-25.91028
92.485549	-43.687744
91.954023	-52.816845
91.428571	-52.605915
90.909091	-47.090172
90.39548	-42.780418
89.88764	-42.578796
89.385475	-43.950863
88.888889	-44.02351
88.39779	-35.521511
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81.218274	18.333586
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80.40201	16.563623
80	25.637774
79.60199	31.570688
79.207921	33.634251
78.817734	37.379807
78.431373	38.200943
78.04878	39.018784
77.669903	41.081558
77.294686	41.603611
76.923077	43.572807
76.555024	40.57299
76.190476	32.111481
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69.868996	-10.994155
69.565217	-9.626022
69.264069	-9.53946
68.965517	-4.859541
68.669528	3.33132

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67.79661	-10.953299
67.510549	-16.66477
67.226891	-14.475987
66.945607	-6.346182
66.666667	1.128551
66.390041	6.955906
66.115702	15.764183
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65.306122	59.616035
65.04065	57.117683
64.777328	41.866329
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64	23.62401
63.74502	37.228508
63.492063	50.435928
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62.992126	44.87846
62.745098	43.137444
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62.256809	52.576923
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38.74092	-3.185264
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38.461538	-9.110453
38.369305	-6.947421
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37.383178	0.441089
37.296037	-1.526268
37.209302	-3.128336
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33.755274	-1.976504
33.684211	-0.993413
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32.193159	1.25206
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32.064128	5.22082
32	8.591805
31.936128	10.131572
31.87251	8.755826
31.809145	6.21608
31.746032	3.93473
31.683168	1.235381
31.620553	-0.354349
31.558185	-0.282692
31.496063	0.313787
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31.372549	3.429204
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