

n	l	mode	freq [mHz]	freq [Hz]
0	2	0S2	0.30945	0.00030945
0	3	0S3	0.4685	0.0004685
0	4	0S4	0.64682	0.00064682
1	2	1S2	0.6802	0.0006802
0	5	0S5	0.84002	0.00084002
1	3	1S3	0.93997	0.00093997
3	1	3S1	0.94435	0.00094435
0	6	0S6	1.03755	0.00103755
3	2	3S2	1.1062	0.0011062
1	4	1S4	1.17278	0.00117278
0	7	0S7	1.23105	0.00123105
2	3	2S3	1.243	0.001243
1	5	1S5	1.37	0.00137
2	4	2S4	1.3797	0.0013797
4	1	4S1	1.4116	0.0014116
0	8	0S8	1.41285	0.00141285
2	5	2S5	1.5158	0.0015158
1	6	1S6	1.5215	0.0015215
0	9	0S9	1.57755	0.00157755
1	7	1S7	1.65455	0.00165455
2	6	2S6	1.6814	0.0016814
4	2	4S2	1.72165	0.00172165
0	10	0S10	1.7256	0.0017256
1	8	1S8	1.798	0.001798
0	11	0S11	1.8613	0.0018613
2	7	2S7	1.8657	0.0018657
1	9	1S9	1.962	0.001962
6	1	6S1	1.9832	0.0019832
0	12	0S12	1.989	0.001989
4	3	4S3	2.04835	0.00204835
2	8	2S8	2.0503	0.0020503
5	2	5S2	2.0907	0.0020907
0	13	0S13	2.11158	0.00211158
1	10	1S10	2.1465	0.0021465
5	3	5S3	2.1688	0.0021688
2	9	2S9	2.2297	0.0022297
0	14	0S14	2.2298	0.0022298
4	4	4S4	2.2786	0.0022786
0	15	0S15	2.34495	0.00234495
1	11	1S11	2.3465	0.0023465
5	4	5S4	2.37925	0.00237925
2	10	2S10	2.4036	0.0024036
4	5	4S5	2.4115	0.0024115
0	16	0S16	2.4569	0.0024569
7	2	7S2	2.52145	0.00252145
3	6	3S6	2.5489	0.0025489
0	17	0S17	2.5658	0.0025658
2	11	2S11	2.57204	0.00257204
0	18	0S18	2.6725	0.0026725
3	7	3S7	2.6872	0.0026872
5	5	5S5	2.7036	0.0027036

2	12	2S12	2.73745	0.00273745
0	19	0S19	2.7761	0.0027761
3	8	3S8	2.8205	0.0028205
6	3	6S3	2.82185	0.00282185
8	1	8S1	2.8726	0.0028726
0	20	0S20	2.87795	0.00287795
2	13	2S13	2.9	0.0029
3	9	3S9	2.951	0.002951
0	21	0S21	2.9773	0.0029773
5	6	5S6	3.01155	0.00301155
2	14	2S14	3.062	0.003062
0	22	0S22	3.0747	0.0030747
3	10	3S10	3.08212	0.00308212
1	15	1S15	3.17	0.00317
0	23	0S23	3.1707	0.0031707
3	11	3S11	3.21952	0.00321952
9	2	9S2	3.2307	0.0032307
0	24	0S24	3.2655	0.0032655
5	7	5S7	3.2922	0.0032922
1	16	1S16	3.34084	0.00334084
0	25	0S25	3.35885	0.00335885
3	12	3S12	3.36136	0.00336136
7	4	7S4	3.4112	0.0034112
0	26	0S26	3.45135	0.00345135
1	17	1S17	3.49339	0.00349339
3	13	3S13	3.50755	0.00350755
5	8	5S8	3.526	0.003526
0	27	0S27	3.5431	0.0035431
9	3	9S3	3.5565	0.0035565
0	28	0S28	3.6342	0.0036342
1	18	1S18	3.64375	0.00364375
3	14	3S14	3.6562	0.0036562
7	5	7S5	3.65778	0.00365778
4	9	4S9	3.7075	0.0037075
0	29	0S29	3.7247	0.0037247
6	8	6S8	3.7375	0.0037375
1	19	1S19	3.79223	0.00379223
3	15	3S15	3.81098	0.00381098
0	30	0S30	3.8148	0.0038148
4	10	4S10	3.86407	0.00386407
9	4	9S4	3.8784	0.0038784
0	31	0S31	3.9047	0.0039047
1	20	1S20	3.93997	0.00393997
7	6	7S6	3.956	0.003956
6	9	6S9	3.9645	0.0039645
3	16	3S16	3.96685	0.00396685
0	32	0S32	3.994	0.003994
4	11	4S11	4.0075	0.0040075
10	2	10S2	4.0405	0.0040405
0	33	0S33	4.0835	0.0040835
1	21	1S21	4.08564	0.00408564
3	17	3S17	4.12401	0.00412401

4	12	4S12	4.152	0.004152
8	5	8S5	4.1653	0.0041653
0	34	0S34	4.1725	0.0041725
5	10	5S10	4.211	0.004211
6	10	6S10	4.2112	0.0042112
1	22	1S22	4.23147	0.00423147
7	7	7S7	4.2341	0.0042341
0	35	0S35	4.2617	0.0042617
3	18	3S18	4.2838	0.0042838
4	13	4S13	4.29205	0.00429205
0	36	0S36	4.3511	0.0043511
1	23	1S23	4.37625	0.00437625
4	14	4S14	4.4353	0.0044353
0	37	0S37	4.4402	0.0044402
3	19	3S19	4.44613	0.00444613
7	8	7S8	4.448	0.004448
5	11	5S11	4.46205	0.00446205
13	1	13S1	4.4946	0.0044946
1	24	1S24	4.52103	0.00452103
0	38	0S38	4.5295	0.0045295
4	15	4S15	4.584	0.004584
3	20	3S20	4.60898	0.00460898
7	9	7S9	4.612	0.004612
0	39	0S39	4.6189	0.0046189
8	7	8S7	4.64515	0.00464515
1	25	1S25	4.66265	0.00466265
5	12	5S12	4.697	0.004697
0	40	0S40	4.7084	0.0047084
4	16	4S16	4.72985	0.00472985
7	10	7S10	4.7635	0.0047635
11	4	11S4	4.76605	0.00476605
3	21	3S21	4.77158	0.00477158
0	41	0S41	4.7981	0.0047981
1	26	1S26	4.80911	0.00480911
13	2	13S2	4.8447	0.0048447
4	17	4S17	4.88532	0.00488532
0	42	0S42	4.8879	0.0048879
8	8	8S8	4.90234	0.00490234
7	11	7S11	4.9155	0.0049155
5	13	5S13	4.92546	0.00492546
3	22	3S22	4.93287	0.00493287
1	27	1S27	4.95277	0.00495277
0	43	0S43	4.9777	0.0049777
4	18	4S18	5.04366	0.00504366
0	44	0S44	5.0676	0.0050676
7	12	7S12	5.06925	0.00506925
11	5	11S5	5.0726	0.0050726
1	28	1S28	5.08865	0.00508865
3	23	3S23	5.09842	0.00509842
5	14	5S14	5.1364	0.0051364
9	8	9S8	5.1385	0.0051385
0	45	0S45	5.1579	0.0051579

13	3	13S3	5.1939	0.0051939
4	19	4S19	5.20063	0.00520063
8	9	8S9	5.207	0.005207
1	29	1S29	5.23302	0.00523302
6	13	6S13	5.2335	0.0052335
0	46	0S46	5.2482	0.0052482
3	24	3S24	5.26294	0.00526294
5	15	5S15	5.32726	0.00532726
0	47	0S47	5.3385	0.0053385
11	6	11S6	5.34828	0.00534828
4	20	4S20	5.36219	0.00536219
1	30	1S30	5.37306	0.00537306
9	9	9S9	5.38155	0.00538155
6	14	6S14	5.411	0.005411
3	25	3S25	5.4245	0.0054245
0	48	0S48	5.429	0.005429
5	16	5S16	5.50595	0.00550595
8	10	8S10	5.50678	0.00550678
1	31	1S31	5.51354	0.00551354
0	49	0S49	5.5195	0.0055195
4	21	4S21	5.52607	0.00552607
14	4	14S4	5.5433	0.0055433
2	26	2S26	5.579	0.005579
6	15	6S15	5.6002	0.0056002
9	10	9S10	5.60554	0.00560554
0	50	0S50	5.6103	0.0056103
1	32	1S32	5.65236	0.00565236
5	17	5S17	5.66985	0.00566985
4	22	4S22	5.695	0.005695
0	51	0S51	5.7016	0.0057016
8	11	8S11	5.70954	0.00570954
10	8	10S8	5.735	0.005735
2	27	2S27	5.74613	0.00574613
1	33	1S33	5.78881	0.00578881
0	52	0S52	5.7925	0.0057925
6	16	6S16	5.80674	0.00580674
5	18	5S18	5.8292	0.0058292
4	23	4S23	5.86148	0.00586148
8	12	8S12	5.86904	0.00586904
9	11	9S11	5.88083	0.00588083
0	53	0S53	5.8838	0.0058838
2	28	2S28	5.90381	0.00590381
1	34	1S34	5.9292	0.0059292
10	9	10S9	5.939	0.005939
0	54	0S54	5.9751	0.0059751
5	19	5S19	5.98849	0.00598849
8	13	8S13	6.01893	0.00601893
6	17	6S17	6.02071	0.00602071
4	24	4S24	6.02867	0.00602867
15	3	15S3	6.0309	0.0060309
1	35	1S35	6.06183	0.00606183
0	55	0S55	6.0665	0.0060665

2	29	2S29	6.06814	0.00606814
17	1	17S1	6.1226	0.0061226
12	8	12S8	6.1333	0.0061333
5	20	5S20	6.15222	0.00615222
0	56	0S56	6.1583	0.0061583
8	14	8S14	6.16507	0.00616507
9	12	9S12	6.18507	0.00618507
10	10	10S10	6.18507	0.00618507
1	36	1S36	6.195	0.006195
4	25	4S25	6.19723	0.00619723
2	30	2S30	6.22856	0.00622856
6	18	6S18	6.2381	0.0062381
0	57	0S57	6.25	0.00625
5	21	5S21	6.31038	0.00631038
8	15	8S15	6.31411	0.00631411
15	4	15S4	6.3233	0.0063233
1	37	1S37	6.33198	0.00633198
0	58	0S58	6.3418	0.0063418
4	26	4S26	6.36549	0.00636549
2	31	2S31	6.38516	0.00638516
13	7	13S7	6.393	0.006393
0	59	0S59	6.4338	0.0064338
11	9	11S9	6.4355	0.0064355
6	19	6S19	6.44615	0.00644615
10	11	10S11	6.44666	0.00644666
1	38	1S38	6.46534	0.00646534
8	16	8S16	6.468	0.006468
5	22	5S22	6.47356	0.00647356
9	13	9S13	6.47969	0.00647969
0	60	0S60	6.526	0.006526
4	27	4S27	6.53554	0.00653554
18	2	18S2	6.537	0.006537
2	32	2S32	6.54109	0.00654109
13	8	13S8	6.552	0.006552
1	39	1S39	6.59433	0.00659433
7	17	7S17	6.61015	0.00661015
5	23	5S23	6.63543	0.00663543
6	20	6S20	6.65389	0.00665389
10	12	10S12	6.685	0.006685
2	33	2S33	6.69719	0.00669719
4	28	4S28	6.70265	0.00670265
11	10	11S10	6.70602	0.00670602
1	40	1S40	6.72829	0.00672829
7	18	7S18	6.7627	0.0067627
9	14	9S14	6.767	0.006767
14	7	14S7	6.773	0.006773
5	24	5S24	6.80078	0.00680078
16	5	16S5	6.8302	0.0068302
2	34	2S34	6.85208	0.00685208
6	21	6S21	6.8552	0.0068552
12	10	12S10	6.86	0.00686
10	13	10S13	6.86379	0.00686379

4	29	4S29	6.87295	0.00687295
18	3	18S3	6.8863	0.0068863
11	11	11S11	6.915	0.006915
7	19	7S19	6.91981	0.00691981
20	1	20S1	6.9555	0.0069555
5	25	5S25	6.96594	0.00696594
0	65	0S65	6.989	0.006989
2	35	2S35	7.01191	0.00701191
9	15	9S15	7.02649	0.00702649
10	14	10S14	7.031	0.007031
4	30	4S30	7.03811	0.00703811
14	8	14S8	7.039	0.007039
6	22	6S22	7.05031	0.00705031
7	20	7S20	7.07702	0.00707702
5	26	5S26	7.13266	0.00713266
12	11	12S11	7.13566	0.00713566
11	12	11S12	7.144	0.007144
16	6	16S6	7.1493	0.0071493
2	36	2S36	7.16441	0.00716441
10	15	10S15	7.198	0.007198
4	31	4S31	7.20441	0.00720441
9	16	9S16	7.23273	0.00723273
6	23	6S23	7.23475	0.00723475
18	4	18S4	7.2383	0.0072383
7	21	7S21	7.24837	0.00724837
5	27	5S27	7.29193	0.00729193
2	37	2S37	7.31855	0.00731855
14	9	14S9	7.345	0.007345
20	2	20S2	7.36	0.00736
4	32	4S32	7.36939	0.00736939
9	17	9S17	7.39833	0.00739833
11	13	11S13	7.4115	0.0074115
6	24	6S24	7.41249	0.00741249
7	22	7S22	7.41873	0.00741873
10	16	10S16	7.42012	0.00742012
12	12	12S12	7.4494	0.0074494
0	70	0S70	7.455	0.007455
5	28	5S28	7.45536	0.00745536
16	7	16S7	7.4715	0.0074715
2	38	2S38	7.473	0.007473
4	33	4S33	7.53651	0.00753651
9	18	9S18	7.54147	0.00754147
6	25	6S25	7.58813	0.00758813
7	23	7S23	7.59392	0.00759392
5	29	5S29	7.61688	0.00761688
2	39	2S39	7.62339	0.00762339
14	10	14S10	7.624	0.007624
10	17	10S17	7.67349	0.00767349
11	14	11S14	7.679	0.007679
9	19	9S19	7.68969	0.00768969
4	34	4S34	7.70008	0.00770008
6	26	6S26	7.75613	0.00775613

12	13	12S13	7.76792	0.00776792
15	9	15S9	7.768	0.007768
2	40	2S40	7.77494	0.00777494
5	30	5S30	7.77852	0.00777852
7	24	7S24	7.77887	0.00777887
14	11	14S11	7.81316	0.00781316
22	1	22S1	7.8225	0.0078225
8	20	8S20	7.84685	0.00784685
4	35	4S35	7.85958	0.00785958
15	10	15S10	7.896	0.007896
2	41	2S41	7.92124	0.00792124
6	27	6S27	7.92194	0.00792194
0	75	0S75	7.925	0.007925
10	18	10S18	7.93646	0.00793646
5	31	5S31	7.94178	0.00794178
13	12	13S12	7.95	0.00795
7	25	7S25	7.96277	0.00796277
8	21	8S21	7.97633	0.00797633
4	36	4S36	8.01995	0.00801995
2	42	2S42	8.06988	0.00806988
13	13	13S13	8.08446	0.00808446
6	28	6S28	8.08818	0.00808818
12	14	12S14	8.0883	0.0080883
5	32	5S32	8.09906	0.00809906
11	16	11S16	8.101	0.008101
16	9	16S9	8.116	0.008116
20	4	20S4	8.118	0.008118
15	11	15S11	8.12242	0.00812242
8	22	8S22	8.12786	0.00812786
7	26	7S26	8.15433	0.00815433
4	37	4S37	8.18438	0.00818438
10	19	10S19	8.19552	0.00819552
22	2	22S2	8.2	0.0082
2	43	2S43	8.21954	0.00821954
5	33	5S33	8.25359	0.00825359
13	14	13S14	8.25484	0.00825484
6	29	6S29	8.25578	0.00825578
11	17	11S17	8.265	0.008265
8	23	8S23	8.28221	0.00828221
4	38	4S38	8.34215	0.00834215
7	27	7S27	8.3423	0.0083423
2	44	2S44	8.36054	0.00836054
0	80	0S80	8.393	0.008393
12	15	12S15	8.40299	0.00840299
5	34	5S34	8.409	0.008409
6	30	6S30	8.41721	0.00841721
11	18	11S18	8.42049	0.00842049
15	12	15S12	8.42674	0.00842674
16	10	16S10	8.433	0.008433
8	24	8S24	8.43449	0.00843449
10	20	10S20	8.44479	0.00844479
20	5	20S5	8.4655	0.0084655

13	15	13S15	8.46942	0.00846942
4	39	4S39	8.49951	0.00849951
2	45	2S45	8.50896	0.00850896
7	28	7S28	8.52131	0.00852131
5	35	5S35	8.57059	0.00857059
6	31	6S31	8.5883	0.0085883
8	25	8S25	8.59061	0.00859061
2	46	2S46	8.65702	0.00865702
25	1	25S1	8.659	0.008659
4	40	4S40	8.66348	0.00866348
10	21	10S21	8.6759	0.0086759
12	16	12S16	8.68938	0.00868938
7	29	7S29	8.70928	0.00870928
11	20	11S20	8.72419	0.00872419
5	36	5S36	8.72695	0.00872695
16	11	16S11	8.729	0.008729
14	13	14S13	8.731	0.008731
18	9	18S9	8.735	0.008735
13	16	13S16	8.74138	0.00874138
8	26	8S26	8.75356	0.00875356
6	32	6S32	8.75931	0.00875931
19	8	19S8	8.79295	0.00879295
2	47	2S47	8.80727	0.00880727
3	41	3S41	8.82312	0.00882312
21	6	21S6	8.8495	0.0088495
10	22	10S22	8.86467	0.00886467
0	85	0S85	8.867	0.008867
5	37	5S37	8.8845	0.0088845
11	21	11S21	8.89696	0.00889696
7	30	7S30	8.90252	0.00890252
8	27	8S27	8.912	0.008912
6	33	6S33	8.92692	0.00892692
12	17	12S17	8.9306	0.0089306
23	4	23S4	8.937	0.008937
3	42	3S42	8.97689	0.00897689
14	14	14S14	8.982	0.008982
25	2	25S2	9.026	0.009026
5	38	5S38	9.04367	0.00904367
19	9	19S9	9.044	0.009044
13	17	13S17	9.05382	0.00905382
8	28	8S28	9.074	0.009074
16	13	16S13	9.08837	0.00908837
7	31	7S31	9.08929	0.00908929
6	34	6S34	9.09208	0.00909208
11	22	11S22	9.10306	0.00910306
3	43	3S43	9.13826	0.00913826
12	18	12S18	9.13854	0.00913854
17	12	17S12	9.1455	0.0091455
14	15	14S15	9.163	0.009163
21	7	21S7	9.1705	0.0091705
9	24	9S24	9.19	0.00919
5	39	5S39	9.20063	0.00920063

8	29	8S29	9.24265	0.00924265
6	35	6S35	9.25799	0.00925799
7	32	7S32	9.27915	0.00927915
23	5	23S5	9.29	0.00929
3	44	3S44	9.29013	0.00929013
12	19	12S19	9.32002	0.00932002
11	23	11S23	9.328	0.009328
14	16	14S16	9.334	0.009334
0	90	0S90	9.339	0.009339
9	25	9S25	9.34301	0.00934301
19	10	19S10	9.353	0.009353
5	40	5S40	9.36049	0.00936049
13	18	13S18	9.36505	0.00936505
8	30	8S30	9.42174	0.00942174
6	36	6S36	9.42384	0.00942384
17	13	17S13	9.429	0.009429
3	45	3S45	9.44223	0.00944223
7	33	7S33	9.45746	0.00945746
12	20	12S20	9.48718	0.00948718
21	8	21S8	9.492	0.009492
27	1	27S1	9.494	0.009494
9	26	9S26	9.503	0.009503
5	41	5S41	9.51	0.00951
14	17	14S17	9.514	0.009514
11	24	11S24	9.57288	0.00957288
8	31	8S31	9.59374	0.00959374
15	15	15S15	9.59553	0.00959553
6	37	6S37	9.598	0.009598
3	46	3S46	9.60345	0.00960345
7	34	7S34	9.63683	0.00963683
12	21	12S21	9.64281	0.00964281
19	11	19S11	9.644	0.009644
9	27	9S27	9.657	0.009657
13	19	13S19	9.66355	0.00966355
5	42	5S42	9.67932	0.00967932
17	14	17S14	9.705	0.009705
14	18	14S18	9.7417	0.0097417
3	47	3S47	9.75064	0.00975064
6	38	6S38	9.76062	0.00976062
8	32	8S32	9.76723	0.00976723
11	25	11S25	9.811	0.009811
0	95	0S95	9.813	0.009813
9	28	9S28	9.81428	0.00981428
7	35	7S35	9.82029	0.00982029
5	43	5S43	9.83577	0.00983577
27	2	27S2	9.872	0.009872
3	48	3S48	9.90812	0.00990812
15	16	15S16	9.92125	0.00992125
6	39	6S39	9.92885	0.00992885
17	15	17S15	9.93193	0.00993193
13	20	13S20	9.95363	0.00995363
14	19	14S19	9.97963	0.00997963

5	44	5S44	9.98946	0.00998946
7	36	7S36	9.9985	0.0099985
10	26	10S26	10.03677	0.01003677
3	49	3S49	10.0529	0.0100529
6	40	6S40	10.08884	0.01008884
21	10	21S10	10.1195	0.0101195
5	45	5S45	10.15036	0.01015036
7	37	7S37	10.17404	0.01017404
3	50	3S50	10.20665	0.01020665
15	17	15S17	10.213	0.010213
13	21	13S21	10.22624	0.01022624
14	20	14S20	10.233	0.010233
10	27	10S27	10.25388	0.01025388
0	100	0S100	10.289	0.010289
5	46	5S46	10.307	0.010307
16	17	16S17	10.31637	0.01031637
7	38	7S38	10.34765	0.01034765
19	13	19S13	10.41969	0.01041969
21	11	21S11	10.433	0.010433
10	28	10S28	10.45985	0.01045985
14	21	14S21	10.46339	0.01046339
5	47	5S47	10.47661	0.01047661
13	22	13S22	10.47661	0.01047661
7	39	7S39	10.52843	0.01052843
16	18	16S18	10.62613	0.01062613
5	48	5S48	10.6383	0.0106383
10	29	10S29	10.64934	0.01064934
29	2	29S2	10.669	0.010669
13	23	13S23	10.68295	0.01068295
14	22	14S22	10.69341	0.01069341
7	40	7S40	10.70962	0.01070962
19	14	19S14	10.71043	0.01071043
11	28	11S28	10.79557	0.01079557
5	49	5S49	10.79693	0.01079693
13	24	13S24	10.86048	0.01086048
14	23	14S23	10.93331	0.01093331
28	5	28S5	10.955	0.010955
16	19	16S19	10.95829	0.01095829
5	50	5S50	10.9624	0.0109624
19	15	19S15	10.99157	0.01099157
11	29	11S29	10.99878	0.01099878
5	51	5S51	11.11599	0.01111599
26	8	26S8	11.212	0.011212
11	30	11S30	11.22057	0.01122057
17	18	17S18	11.24474	0.01124474
0	110	0S110	11.247	0.011247
16	20	16S20	11.27891	0.01127891
5	52	5S52	11.28207	0.01128207
28	6	28S6	11.301	0.011301
24	11	24S11	11.419	0.011419
20	16	20S16	11.42174	0.01142174
11	31	11S31	11.42186	0.01142186

17	19	17S19	11.437	0.011437
16	21	16S21	11.57849	0.01157849
22	14	22S14	11.615	0.011615
11	32	11S32	11.64302	0.01164302
20	17	20S17	11.715	0.011715
29	5	29S5	11.717	0.011717
11	33	11S33	11.86182	0.01186182
22	15	22S15	11.924	0.011924
17	22	17S22	11.97057	0.01197057
20	18	20S18	12.0171	0.0120171
11	34	11S34	12.05286	0.01205286
23	13	23S13	12.06	0.01206
0	120	0S120	12.205	0.012205
26	11	26S11	12.24	0.01224
17	23	17S23	12.25732	0.01225732
20	19	20S19	12.32364	0.01232364
24	14	24S14	12.397	0.012397
28	9	28S9	12.399	0.012399
17	24	17S24	12.54761	0.01254761
20	20	20S20	12.59004	0.01259004
17	25	17S25	12.83344	0.01283344
0	130	0S130	13.165	0.013165
0	140	0S140	14.135	0.014135
0	150	0S150	15.11	0.01511
0	160	0S160	16.078	0.016078
0	170	0S170	17.048	0.017048
0	180	0S180	18.019	0.018019
0	190	0S190	18.989	0.018989
0	200	0S200	19.958	0.019958