

**1.3 GHz - CEPT Recommendation T/R 13-01 E, Annex
A**

Range: 1370 - 1375 MHz and 1512 - 1517 MHz

0.25 MHz Channels		
Channel	MHz	MHz
1	1350.625	1492.625
2	1350.875	1492.875
3	1351.125	1493.125
4	1351.375	1493.375
5	1351.625	1493.625
6	1351.875	1493.875
7	1352.125	1494.125
8	1352.375	1494.375
9	1352.625	1494.625
10	1352.875	1494.875
11	1353.125	1495.125
12	1353.375	1495.375
13	1353.625	1495.625
14	1353.875	1495.875
15	1354.125	1496.125
16	1354.375	1496.375
17	1354.625	1496.625
18	1354.875	1496.875
19	1355.125	1497.125
20	1355.375	1497.375
21	1355.625	1497.625
22	1355.875	1497.875
23	1356.125	1498.125
24	1356.375	1498.375
25	1356.625	1498.625
26	1356.875	1498.875
27	1357.125	1499.125
28	1357.375	1499.375
29	1357.625	1499.625
30	1357.875	1499.875
31	1358.125	1500.125
32	1358.375	1500.375
33	1358.625	1500.625
34	1358.875	1500.875
35	1359.125	1501.125
36	1359.375	1501.375
37	1359.625	1501.625
38	1359.875	1501.875
39	1360.125	1502.125
40	1360.375	1502.375
41	1360.625	1502.625
42	1360.875	1502.875
43	1361.125	1503.125
44	1361.375	1503.375
45	1361.625	1503.625
46	1361.875	1503.875

47	1362.125	1504.125
48	1362.375	1504.375
49	1362.625	1504.625
50	1362.875	1504.875
51	1363.125	1505.125
52	1363.375	1505.375
53	1363.625	1505.625
54	1363.875	1505.875
55	1364.125	1506.125
56	1364.375	1506.375
57	1364.625	1506.625
58	1364.875	1506.875
59	1365.125	1507.125
60	1365.375	1507.375
61	1365.625	1507.625
62	1365.875	1507.875
63	1366.125	1508.125
64	1366.375	1508.375
65	1366.625	1508.625
66	1366.875	1508.875
67	1367.125	1509.125
68	1367.375	1509.375
69	1367.625	1509.625
70	1367.875	1509.875
71	1368.125	1510.125
72	1368.375	1510.375
73	1368.625	1510.625
74	1368.875	1510.875
75	1369.125	1511.125
76	1369.375	1511.375
77	1369.625	1511.625
78	1369.875	1511.875
79	1370.125	1512.125
80	1370.375	1512.375
81	1370.625	1512.625
82	1370.875	1512.875
83	1371.125	1513.125
84	1371.375	1513.375
85	1371.625	1513.625
86	1371.875	1513.875
87	1372.125	1514.125
88	1372.375	1514.375
89	1372.625	1514.625
90	1372.875	1514.875
91	1373.125	1515.125
92	1373.375	1515.375
93	1373.625	1515.625
94	1373.875	1515.875
95	1374.125	1516.125
96	1374.375	1516.375

0.5 MHz Channels

Channel	MHz	MHz
1	1350.75	1492.75
2	1351.25	1493.25
3	1351.75	1493.75
4	1352.25	1494.25
5	1352.75	1494.75
6	1353.25	1495.25
7	1353.75	1495.75
8	1354.25	1496.25
9	1354.75	1496.75
10	1355.25	1497.25
11	1355.75	1497.75
12	1356.25	1498.25
13	1356.75	1498.75
14	1357.25	1499.25
15	1357.75	1499.75
16	1358.25	1500.25
17	1358.75	1500.75
18	1359.25	1501.25
19	1359.75	1501.75
20	1360.25	1502.25
21	1360.75	1502.75
22	1361.25	1503.25
23	1361.75	1503.75
24	1362.25	1504.25
25	1362.75	1504.75
26	1363.25	1505.25
27	1363.75	1505.75
28	1364.25	1506.25
29	1364.75	1506.75
30	1365.25	1507.25
31	1365.75	1507.75
32	1366.25	1508.25
33	1366.75	1508.75
34	1367.25	1509.25
35	1367.75	1509.75
36	1368.25	1510.25
37	1368.75	1510.75
38	1369.25	1511.25
39	1369.75	1511.75
40	1370.25	1512.25
41	1370.75	1512.75
42	1371.25	1513.25
43	1371.75	1513.75
44	1372.25	1514.25
45	1372.75	1514.75
46	1373.25	1515.25
47	1373.75	1515.75
48	1374.25	1516.25

<u>1 MHz Channels</u>		
Channel	MHz	MHz

1	1351	1493
2	1352	1494
3	1353	1495
4	1354	1496
5	1355	1497
6	1356	1498
7	1357	1499
8	1358	1500
9	1359	1501
10	1360	1502
11	1361	1503
12	1362	1504
13	1363	1505
14	1364	1506
15	1365	1507
16	1366	1508
17	1367	1509
18	1368	1510
19	1369	1511
20	1370	1512
21	1371	1513
22	1372	1514
23	1373	1515
24	1374	1516

1.4 GHz - CEPT Recommendation T/R 13-01 E, Annex B

Range: 1375 - 1385 MHz and 1427 - 1437 MHz

0.25 MHz Channels		
Channel	MHz	MHz
1	1375.625	1427.625
2	1375.875	1427.875
3	1376.125	1428.125
4	1376.375	1428.375
5	1376.625	1428.625
6	1376.875	1428.875
7	1377.125	1429.125
8	1377.375	1429.375
9	1377.625	1429.625
10	1377.875	1429.875
11	1378.125	1430.125
12	1378.375	1430.375
13	1378.625	1430.625
14	1378.875	1430.875
15	1379.125	1431.125
16	1379.375	1431.375
17	1379.625	1431.625
18	1379.875	1431.875
19	1380.125	1432.125
20	1380.375	1432.375
21	1380.625	1432.625
22	1380.875	1432.875
23	1381.125	1433.125
24	1381.375	1433.375
25	1381.625	1433.625
26	1381.875	1433.875
27	1382.125	1434.125
28	1382.375	1434.375
29	1382.625	1434.625
30	1382.875	1434.875
31	1383.125	1435.125
32	1383.375	1435.375
33	1383.625	1435.625
34	1383.875	1435.875
35	1384.125	1436.125
36	1384.375	1436.375
37	1384.625	1436.625
38	1384.875	1436.875
39	1385.125	1437.125
40	1385.375	1437.375
41	1385.625	1437.625
42	1385.875	1437.875
43	1386.125	1438.125
44	1386.375	1438.375
45	1386.625	1438.625
46	1386.875	1438.875

47	1387.125	1439.125
48	1387.375	1439.375
49	1387.625	1439.625
50	1387.875	1439.875
51	1388.125	1440.125
52	1388.375	1440.375
53	1388.625	1440.625
54	1388.875	1440.875
55	1389.125	1441.125
56	1389.375	1441.375
57	1389.625	1441.625
58	1389.875	1441.875
59	1390.125	1442.125
60	1390.375	1442.375
61	1390.625	1442.625
62	1390.875	1442.875
63	1391.125	1443.125
64	1391.375	1443.375
65	1391.625	1443.625
66	1391.875	1443.875
67	1392.125	1444.125
68	1392.375	1444.375
69	1392.625	1444.625
70	1392.875	1444.875
71	1393.125	1445.125
72	1393.375	1445.375
73	1393.625	1445.625
74	1393.875	1445.875
75	1394.125	1446.125
76	1394.375	1446.375
77	1394.625	1446.625
78	1394.875	1446.875
79	1395.125	1447.125
80	1395.375	1447.375
81	1395.625	1447.625
82	1395.875	1447.875
83	1396.125	1448.125
84	1396.375	1448.375
85	1396.625	1448.625
86	1396.875	1448.875
87	1397.125	1449.125
88	1397.375	1449.375
89	1397.625	1449.625
90	1397.875	1449.875
91	1398.125	1450.125
92	1398.375	1450.375
93	1398.625	1450.625
94	1398.875	1450.875
95	1399.125	1451.125
96	1399.375	1451.375

0.5 MHz Channels

Channel	MHz	MHz
1	1375.75	1427.75
2	1376.25	1428.25
3	1376.75	1428.75
4	1377.25	1429.25
5	1377.75	1429.75
6	1378.25	1430.25
7	1378.75	1430.75
8	1379.25	1431.25
9	1379.75	1431.75
10	1380.25	1432.25
11	1380.75	1432.75
12	1381.25	1433.25
13	1381.75	1433.75
14	1382.25	1434.25
15	1382.75	1434.75
16	1383.25	1435.25
17	1383.75	1435.75
18	1384.25	1436.25
19	1384.75	1436.75
20	1385.25	1437.25
21	1385.75	1437.75
22	1386.25	1438.25
23	1386.75	1438.75
24	1387.25	1439.25
25	1387.75	1439.75
26	1388.25	1440.25
27	1388.75	1440.75
28	1389.25	1441.25
29	1389.75	1441.75
30	1390.25	1442.25
31	1390.75	1442.75
32	1391.25	1443.25
33	1391.75	1443.75
34	1392.25	1444.25
35	1392.75	1444.75
36	1393.25	1445.25
37	1393.75	1445.75
38	1394.25	1446.25
39	1394.75	1446.75
40	1395.25	1447.25
41	1395.75	1447.75
42	1396.25	1448.25
43	1396.75	1448.75
44	1397.25	1449.25
45	1397.75	1449.75
46	1398.25	1450.25
47	1398.75	1450.75
48	1399.25	1451.25

<u>1 MHz Channels</u>		
Channel	MHz	MHz

1	1376	1428
2	1377	1429
3	1378	1430
4	1379	1431
5	1380	1432
6	1381	1433
7	1382	1434
8	1383	1435
9	1384	1436
10	1385	1437
11	1386	1438
12	1387	1439
13	1388	1440
14	1389	1441
15	1390	1442
16	1391	1443
17	1392	1444
18	1393	1445
19	1394	1446
20	1395	1447
21	1396	1448
22	1397	1449
23	1398	1450
24	1399	1451

2 GHz - CEPT Recommendation T/R 13-01 E, Annex C

Range: 2025 - 2110 MHz and 2200 - 2290 MHz

<u>3.5 MHz Channels</u>		
Channel	MHz	MHz
1	2029.75	2204.75
2	2033.25	2208.25
3	2036.75	2211.75
4	2040.25	2215.25
5	2043.75	2218.75
6	2047.25	2222.25
7	2050.75	2225.75
8	2054.25	2229.25
9	2057.75	2232.75
10	2061.25	2236.25
11	2064.75	2239.75
12	2068.25	2243.25
13	2071.75	2246.75
14	2075.25	2250.25
15	2078.75	2253.75
16	2082.25	2257.25
17	2085.75	2260.75
18	2089.25	2264.25
19	2092.75	2267.75
20	2096.25	2271.25
21	2099.75	2274.75
22	2103.25	2278.25
23	2106.75	2281.75

<u>7 MHz Channels</u>		
Channel	MHz	MHz
1	2035	2210
2	2042	2217
3	2049	2224
4	2056	2231
5	2063	2238
6	2070	2245
7	2077	2252
8	2084	2259
9	2091	2266
10	2098	2273
11	2105	2280

<u>14 MHz Channels</u>		
Channel	MHz	MHz
1	2038.5	2213.5
2	2052.5	2227.5
3	2066.5	2241.5
4	2080.5	2255.5
5	2094.5	2269.5

L6 GHz - CEPT/ERC/REC 14-01 E, Annex 1

Range: 5.925 - 6.425 GHz

29.65 MHz Channels		
Channel	MHz	MHz
1	5945.2	6197.24
2	5974.85	6226.89
3	6004.5	6256.54
4	6034.15	6286.19
5	6063.8	6315.84
6	6093.45	6345.49
7	6123.1	6375.14
8	6152.75	6404.79

59.3 MHz Channels		
Channel	MHz	MHz
1	5960.025	6212.065
2	6019.325	6271.365
3	6078.625	6330.665
4	6137.925	6389.965

U6 GHz - CEPT/ERC/REC 14-02 E, Annex 1

Range: 6.425 -7.125 GHz

20 MHz Channels		
Channel	MHz	MHz
1	6440	6780
2	6460	6800
3	6480	6820
4	6500	6840
5	6520	6860
6	6540	6880
7	6560	6900
8	6580	6920
9	6600	6940
10	6620	6960
11	6640	6980
12	6660	7000
13	6680	7020
14	6700	7040
15	6720	7060
16	6740	7080

40 MHz Channels		
Channel	MHz	MHz
1	6460	6800
2	6500	6840
3	6540	6880
4	6580	6920
5	6620	6960
6	6660	7000
7	6700	7040
8	6740	7080

80 MHz Channels		
Channel	MHz	MHz
1	6480	6820
2	6560	6900
3	6640	6980
4	6720	7060

L7 GHz - CEPT/ECC/REC 02-06 Annex 1

Range: 7.125 - 7.425 GHz

<u>14 MHz Channels</u>		
Channel	MHz	MHz
1	7135	7289
2	7149	7303
3	7163	7317
4	7177	7331
5	7191	7345
6	7205	7359
7	7219	7373
8	7233	7387
9	7247	7401
10	7261	7415

<u>28 MHz Channels</u>		
Channel	MHz	MHz
1	7142	7296
2	7170	7324
3	7198	7352
4	7226	7380
5	7254	7408

<u>56 MHz Channels</u>		
Channel	MHz	MHz
1	7156	7310
2	7212	7366

U7 GHz - CEPT/ECC/REC 02-06 Annex 1

Range: 7.425 - 7.725 GHz

<u>7 MHz Channels</u>		
Channel	MHz	MHz
1	7428	7589
2	7435	7596
3	7442	7603
4	7449	7610
5	7456	7617
6	7463	7624
7	7470	7631
8	7477	7638
9	7484	7645
10	7491	7652
11	7498	7659
12	7505	7666
13	7512	7673
14	7519	7680
15	7526	7687
16	7533	7694
17	7540	7701
18	7547	7708
19	7554	7715
20	7561	7722

<u>14 MHz Channels</u>		
Channel	MHz	MHz
1	7435	7589
2	7449	7603
3	7463	7617
4	7477	7631
5	7491	7645
6	7505	7659
7	7519	7673
8	7533	7687
9	7547	7701
10	7561	7715

<u>28 MHz Channels</u>		
Channel	MHz	MHz
1	7442	7596
2	7470	7624
3	7498	7652
4	7526	7680
5	7554	7708

<u>56 MHz Channels</u>		
Channel	MHz	MHz
1	7456	7610
2	7512	7666

L8 GHz - ITU-R F. 386

Range: 7.725 - 8.275 GHz

29.65 MHz Channels		
Channel	MHz	MHz
1	7747.7	8059.02
2	7777.35	8088.67
3	7807	8118.32
4	7836.65	8147.97
5	7866.3	8177.62
6	7895.95	8207.27
7	7925.6	8236.92
8	7955.25	8266.57

59.3 MHz Channels		
Channel	MHz	MHz
1	7762.525	8073.845
2	7821.825	8133.145
3	7881.125	8192.445
4	7940.425	8251.745

U8 GHz - ITU-R F. 386

Range: 8.275 -8.5 GHz

<u>3.5 MHz Channels</u>		
Channel	MHz	MHz
1	8284.25	8410.25
2	8287.75	8413.75
3	8291.25	8417.25
4	8294.75	8420.75
5	8298.25	8424.25
6	8301.75	8427.75
7	8305.25	8431.25
8	8308.75	8434.75
9	8312.25	8438.25
10	8315.75	8441.75
11	8319.25	8445.25
12	8322.75	8448.75
13	8326.25	8452.25
14	8329.75	8455.75
15	8333.25	8459.25
16	8336.75	8462.75
17	8340.25	8466.25
18	8343.75	8469.75
19	8347.25	8473.25
20	8350.75	8476.75
21	8354.25	8480.25
22	8357.75	8483.75
23	8361.25	8487.25
24	8364.75	8490.75

<u>7 MHz Channels</u>		
Channel	MHz	MHz
1	8286	8412
2	8293	8419
3	8300	8426
4	8307	8433
5	8314	8440
6	8321	8447
7	8328	8454
8	8335	8461
9	8342	8468
10	8349	8475
11	8356	8482
12	8363	8489

<u>14 MHz Channels</u>		
Channel	MHz	MHz
1	8293	8412
2	8307	8426
3	8321	8440
4	8335	8454
5	8349	8468

6	8363	8482
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<u>28 MHz Channels</u>		
Channel	MHz	MHz
1	8293	8412
2	8321	8440
3	8349	8468

<u>56 MHz Channels</u>		
Channel	MHz	MHz
1	8307	8426

11 GHz - CEPT/ERC/REC 12-06 E

Range: 10.7 - 11.7 GHz

<u>40 MHz Channels</u>		
Channel	MHz	MHz
1	10735	11225
2	10775	11265
3	10815	11305
4	10855	11345
5	10895	11385
6	10935	11425
7	10975	11465
8	11015	11505
9	11055	11545
10	11095	11585
11	11135	11625
12	11175	11665

<u>80 MHz Channels</u>		
Channel	MHz	MHz
1	10755	11245
2	10835	11325
3	10915	11405
4	10995	11485
5	11075	11565
6	11155	11645

13 GHz - CEPT/ERC/RECOMMENDATION 12-02 E

Range – 12750.00 – 13250.00 MHz

3.5 MHz Channels		
Channel	MHz	MHz
1	12752.75	13018.75
2	12756.25	13022.25
3	12759.75	13025.75
4	12763.25	13029.25
5	12766.75	13032.75
6	12770.25	13036.25
7	12773.75	13039.75
8	12777.25	13043.25
9	12780.75	13046.75
10	12784.25	13050.25
11	12787.75	13053.75
12	12791.25	13057.25
13	12794.75	13060.75
14	12798.25	13064.25
15	12801.75	13067.75
16	12805.25	13071.25
17	12808.75	13074.75
18	12812.25	13078.25
19	12815.75	13081.75
20	12819.25	13085.25
21	12822.75	13088.75
22	12826.25	13092.25
23	12829.75	13095.75
24	12833.25	13099.25
25	12836.75	13102.75
26	12840.25	13106.25
27	12843.75	13109.75
28	12847.25	13113.25
29	12850.75	13116.75
30	12854.25	13120.25
31	12857.75	13123.75
32	12861.25	13127.25
33	12864.75	13130.75
34	12868.25	13134.25
35	12871.75	13137.75
36	12875.25	13141.25
37	12878.75	13144.75
38	12882.25	13148.25
39	12885.75	13151.75
40	12889.25	13155.25
41	12892.75	13158.75
42	12896.25	13162.25
43	12899.75	13165.75
44	12903.25	13169.25
45	12906.75	13172.75
46	12910.25	13176.25
47	12913.75	13179.75

48	12917.25	13183.25
49	12920.75	13186.75
50	12924.25	13190.25
51	12927.75	13193.75
52	12931.25	13197.25
53	12934.75	13200.75
54	12938.25	13204.25
55	12941.75	13207.75
56	12945.25	13211.25
57	12948.75	13214.75
58	12952.25	13218.25
59	12955.75	13221.75
60	12959.25	13225.25
61	12962.75	13228.75
62	12966.25	13232.25
63	12969.75	13235.75
64	12973.25	13239.25

7 MHz Channels		
Channel	MHz	MHz
1	12754.5	13020.5
2	12761.5	13027.5
3	12768.5	13034.5
4	12775.5	13041.5
5	12782.5	13048.5
6	12789.5	13055.5
7	12796.5	13062.5
8	12803.5	13069.5
9	12810.5	13076.5
10	12817.5	13083.5
11	12824.5	13090.5
12	12831.5	13097.5
13	12838.5	13104.5
14	12845.5	13111.5
15	12852.5	13118.5
16	12859.5	13125.5
17	12866.5	13132.5
18	12873.5	13139.5
19	12880.5	13146.5
20	12887.5	13153.5
21	12894.5	13160.5
22	12901.5	13167.5
23	12908.5	13174.5
24	12915.5	13181.5
25	12922.5	13188.5
26	12929.5	13195.5
27	12936.5	13202.5
28	12943.5	13209.5
29	12950.5	13216.5
30	12957.5	13223.5
31	12964.5	13230.5
32	12971.5	13237.5

<u>14 MHz Channels</u>		
Channel	MHz	MHz
1	12758	13024
2	12772	13038
3	12786	13052
4	12800	13066
5	12814	13080
6	12828	13094
7	12842	13108
8	12856	13122
9	12870	13136
10	12884	13150
11	12898	13164
12	12912	13178
13	12926	13192
14	12940	13206
15	12954	13220
16	12968	13234

<u>28 MHz Channels</u>		
Channel	MHz	MHz
1	12765	13031
2	12793	13059
3	12821	13087
4	12849	13115
5	12877	13143
6	12905	13171
7	12933	13199
8	12961	13227

<u>56 MHz Channels</u>		
Channel	MHz	MHz
1	12779	13045
2	12835	13101
3	12891	13157
4	12947	13213

15 GHz - ITU-R F.636-4

Range – 14500.00 – 15350.00 MHz

3.5 MHz Channels		
Channel	MHz	MHz
1	14502.75	14922.75
2	14506.25	14926.25
3	14509.75	14929.75
4	14513.25	14933.25
5	14516.75	14936.75
6	14520.25	14940.25
7	14523.75	14943.75
8	14527.25	14947.25
9	14530.75	14950.75
10	14534.25	14954.25
11	14537.75	14957.75
12	14541.25	14961.25
13	14544.75	14964.75
14	14548.25	14968.25
15	14551.75	14971.75
16	14555.25	14975.25
17	14558.75	14978.75
18	14562.25	14982.25
19	14565.75	14985.75
20	14569.25	14989.25
21	14572.75	14992.75
22	14576.25	14996.25
23	14579.75	14999.75
24	14583.25	15003.25
25	14586.75	15006.75
26	14590.25	15010.25
27	14593.75	15013.75
28	14597.25	15017.25
29	14600.75	15020.75
30	14604.25	15024.25
31	14607.75	15027.75
32	14611.25	15031.25
33	14614.75	15034.75
34	14618.25	15038.25
35	14621.75	15041.75
36	14625.25	15045.25
37	14628.75	15048.75
38	14632.25	15052.25
39	14635.75	15055.75
40	14639.25	15059.25
41	14642.75	15062.75
42	14646.25	15066.25
43	14649.75	15069.75
44	14653.25	15073.25
45	14656.75	15076.75
46	14660.25	15080.25
47	14663.75	15083.75
48	14667.25	15087.25
49	14670.75	15090.75

50	14674.25	15094.25
51	14677.75	15097.75
52	14681.25	15101.25
53	14684.75	15104.75
54	14688.25	15108.25
55	14691.75	15111.75
56	14695.25	15115.25
57	14698.75	15118.75
58	14702.25	15122.25
59	14705.75	15125.75
60	14709.25	15129.25
61	14712.75	15132.75
62	14716.25	15136.25
63	14719.75	15139.75
64	14723.25	15143.25
65	14726.75	15146.75
66	14730.25	15150.25
67	14733.75	15153.75
68	14737.25	15157.25
69	14740.75	15160.75
70	14744.25	15164.25
71	14747.75	15167.75
72	14751.25	15171.25
73	14754.75	15174.75
74	14758.25	15178.25
75	14761.75	15181.75
76	14765.25	15185.25
77	14768.75	15188.75
78	14772.25	15192.25
79	14775.75	15195.75
80	14779.25	15199.25
81	14782.75	15202.75
82	14786.25	15206.25
83	14789.75	15209.75
84	14793.25	15213.25
85	14796.75	15216.75
86	14800.25	15220.25
87	14803.75	15223.75
88	14807.25	15227.25
89	14810.75	15230.75
90	14814.25	15234.25
91	14817.75	15237.75
92	14821.25	15241.25
93	14824.75	15244.75
94	14828.25	15248.25
95	14831.75	15251.75
96	14835.25	15255.25
97	14838.75	15258.75
98	14842.25	15262.25
99	14845.75	15265.75
100	14849.25	15269.25
101	14852.75	15272.75
102	14856.25	15276.25
103	14859.75	15279.75

104	14863.25	15283.25
105	14866.75	15286.75
106	14870.25	15290.25
107	14873.75	15293.75
108	14877.25	15297.25
109	14880.75	15300.75
110	14884.25	15304.25
111	14887.75	15307.75
112	14891.25	15311.25
113	14894.75	15314.75
114	14898.25	15318.25
115	14901.75	15321.75
116	14905.25	15325.25
117	14908.75	15328.75
118	14912.25	15332.25
119	14915.75	15335.75
120	14919.25	15339.25

7 MHz Channels		
Channel	MHz	MHz
1	14504.5	14924.5
2	14511.5	14931.5
3	14518.5	14938.5
4	14525.5	14945.5
5	14532.5	14952.5
6	14539.5	14959.5
7	14546.5	14966.5
8	14553.5	14973.5
9	14560.5	14980.5
10	14567.5	14987.5
11	14574.5	14994.5
12	14581.5	15001.5
13	14588.5	15008.5
14	14595.5	15015.5
15	14602.5	15022.5
16	14609.5	15029.5
17	14616.5	15036.5
18	14623.5	15043.5
19	14630.5	15050.5
20	14637.5	15057.5
21	14644.5	15064.5
22	14651.5	15071.5
23	14658.5	15078.5
24	14665.5	15085.5
25	14672.5	15092.5
26	14679.5	15099.5
27	14686.5	15106.5
28	14693.5	15113.5
29	14700.5	15120.5
30	14707.5	15127.5
31	14714.5	15134.5
32	14721.5	15141.5
33	14728.5	15148.5
34	14735.5	15155.5

35	14742.5	15162.5
36	14749.5	15169.5
37	14756.5	15176.5
38	14763.5	15183.5
39	14770.5	15190.5
40	14777.5	15197.5
41	14784.5	15204.5
42	14791.5	15211.5
43	14798.5	15218.5
44	14805.5	15225.5
45	14812.5	15232.5
46	14819.5	15239.5
47	14826.5	15246.5
48	14833.5	15253.5
49	14840.5	15260.5
50	14847.5	15267.5
51	14854.5	15274.5
52	14861.5	15281.5
53	14868.5	15288.5
54	14875.5	15295.5
55	14882.5	15302.5
56	14889.5	15309.5
57	14896.5	15316.5
58	14903.5	15323.5
59	14910.5	15330.5
60	14917.5	15337.5

14 MHz Channels		
Channel	MHz	MHz
1	14515	14935
2	14529	14949
3	14543	14963
4	14557	14977
5	14571	14991
6	14585	15005
7	14599	15019
8	14613	15033
9	14627	15047
10	14641	15061
11	14655	15075
12	14669	15089
13	14683	15103
14	14697	15117
15	14711	15131
16	14725	15145
17	14739	15159
18	14753	15173
19	14767	15187
20	14781	15201
21	14795	15215
22	14809	15229
23	14823	15243
24	14837	15257
25	14851	15271

26	14865	15285
27	14879	15299
28	14893	15313
29	14907	15327
30	14921	15341

28 MHz Channels		
Channel	MHz	MHz
1	14515	14935
2	14543	14963
3	14571	14991
4	14599	15019
5	14627	15047
6	14655	15075
7	14683	15103
8	14711	15131
9	14739	15159
10	14767	15187
11	14795	15215
12	14823	15243
13	14851	15271
14	14879	15299
15	14907	15327

56 MHz Channels		
Channel	MHz	MHz
1	14529	14949
2	14585	15005
3	14641	15061
4	14697	15117
5	14753	15173
6	14809	15229
7	14865	15285

112 MHz Channels		
Channel	MHz	MHz
1	14557	14977
2	14669	15089

18 GHz - CEPT/ERC/RECOMMENDATION 12-03 E**Annex A**

Range - 17700.00 - 19700.00 MHz

<u>27.5 MHz Channels</u>		
Channel	MHz	MHz
1	17727.5	18737.5
2	17755	18765
3	17782.5	18792.5
4	17810	18820
5	17837.5	18847.5
6	17865	18875
7	17892.5	18902.5
8	17920	18930
9	17947.5	18957.5
10	17975	18985
11	18002.5	19012.5
12	18030	19040
13	18057.5	19067.5
14	18085	19095
15	18112.5	19122.5
16	18140	19150
17	18167.5	19177.5
18	18195	19205
19	18222.5	19232.5
20	18250	19260
21	18277.5	19287.5
22	18305	19315
23	18332.5	19342.5
24	18360	19370
25	18387.5	19397.5
26	18415	19425
27	18442.5	19452.5
28	18470	19480
29	18497.5	19507.5
30	18525	19535
31	18552.5	19562.5
32	18580	19590
33	18607.5	19617.5
34	18635	19645
35	18662.5	19672.5

<u>55 MHz Channels</u>		
Channel	MHz	MHz
1	17755	18765
2	17810	18820
3	17865	18875
4	17920	18930
5	17975	18985
6	18030	19040

7	18085	19095
8	18140	19150
9	18195	19205
10	18250	19260
11	18305	19315
12	18360	19370
13	18415	19425
14	18470	19480
15	18525	19535
16	18580	19590
17	18635	19645

<u>110 MHz Channels</u>		
Channel	MHz	MHz
1	17810	18820
2	17920	18930
3	18030	19040
4	18140	19150
5	18250	19260
6	18360	19370
7	18470	19480
8	18580	19590

<u>220 MHz Channels</u>		
Channel	MHz	MHz
1	17865	18875
2	18085	19095
3	18305	19315
4	18525	19535

23 GHz - CEPT/ERC/RECOMMENDATION T/R 13-02**Annex A**

Range – 22000.00 – 23600.00 MHz

3.5 MHz Channels		
Channel	MHz	MHz
1	22004.5	23012.5
2	22008	23016
3	22011.5	23019.5
4	22015	23023
5	22018.5	23026.5
6	22022	23030
7	22025.5	23033.5
8	22029	23037
9	22032.5	23040.5
10	22036	23044
11	22039.5	23047.5
12	22043	23051
13	22046.5	23054.5
14	22050	23058
15	22053.5	23061.5
16	22057	23065
17	22060.5	23068.5
18	22064	23072
19	22067.5	23075.5
20	22071	23079
21	22074.5	23082.5
22	22078	23086
23	22081.5	23089.5
24	22085	23093
25	22088.5	23096.5
26	22092	23100
27	22095.5	23103.5
28	22099	23107
29	22102.5	23110.5
30	22106	23114
31	22109.5	23117.5
32	22113	23121
33	22116.5	23124.5
34	22120	23128
35	22123.5	23131.5
36	22127	23135
37	22130.5	23138.5
38	22134	23142
39	22137.5	23145.5
40	22141	23149
41	22144.5	23152.5
42	22148	23156
43	22151.5	23159.5
44	22155	23163
45	22158.5	23166.5
46	22162	23170
47	22165.5	23173.5
48	22169	23177

49	22172.5	23180.5
50	22176	23184
51	22179.5	23187.5
52	22183	23191
53	22186.5	23194.5
54	22190	23198
55	22193.5	23201.5
56	22197	23205
57	22200.5	23208.5
58	22204	23212
59	22207.5	23215.5
60	22211	23219
61	22214.5	23222.5
62	22218	23226
63	22221.5	23229.5
64	22225	23233
65	22228.5	23236.5
66	22232	23240
67	22235.5	23243.5
68	22239	23247
69	22242.5	23250.5
70	22246	23254
71	22249.5	23257.5
72	22253	23261
73	22256.5	23264.5
74	22260	23268
75	22263.5	23271.5
76	22267	23275
77	22270.5	23278.5
78	22274	23282
79	22277.5	23285.5
80	22281	23289
81	22284.5	23292.5
82	22288	23296
83	22291.5	23299.5
84	22295	23303
85	22298.5	23306.5
86	22302	23310
87	22305.5	23313.5
88	22309	23317
89	22312.5	23320.5
90	22316	23324
91	22319.5	23327.5
92	22323	23331
93	22326.5	23334.5
94	22330	23338
95	22333.5	23341.5
96	22337	23345
97	22340.5	23348.5
98	22344	23352
99	22347.5	23355.5
100	22351	23359
101	22354.5	23362.5
102	22358	23366

103	22361.5	23369.5
104	22365	23373
105	22368.5	23376.5
106	22372	23380
107	22375.5	23383.5
108	22379	23387
109	22382.5	23390.5
110	22386	23394
111	22389.5	23397.5
112	22393	23401
113	22396.5	23404.5
114	22400	23408
115	22403.5	23411.5
116	22407	23415
117	22410.5	23418.5
118	22414	23422
119	22417.5	23425.5
120	22421	23429
121	22424.5	23432.5
122	22428	23436
123	22431.5	23439.5
124	22435	23443
125	22438.5	23446.5
126	22442	23450
127	22445.5	23453.5
128	22449	23457
129	22452.5	23460.5
130	22456	23464
131	22459.5	23467.5
132	22463	23471
133	22466.5	23474.5
134	22470	23478
135	22473.5	23481.5
136	22477	23485
137	22480.5	23488.5
138	22484	23492
139	22487.5	23495.5
140	22491	23499
141	22494.5	23502.5
142	22498	23506
143	22501.5	23509.5
144	22505	23513
145	22508.5	23516.5
146	22512	23520
147	22515.5	23523.5
148	22519	23527
149	22522.5	23530.5
150	22526	23534
151	22529.5	23537.5
152	22533	23541
153	22536.5	23544.5
154	22540	23548
155	22543.5	23551.5
156	22547	23555

157	22550.5	23558.5
158	22554	23562
159	22557.5	23565.5
160	22561	23569
161	22564.5	23572.5
162	22568	23576
163	22571.5	23579.5
164	22575	23583
165	22578.5	23586.5
166	22582	23590
167	22585.5	23593.5
168	22589	23597

7 MHz Channels		
Channel	MHz	MHz
1	22011.5	23019.5
2	22018.5	23026.5
3	22025.5	23033.5
4	22032.5	23040.5
5	22039.5	23047.5
6	22046.5	23054.5
7	22053.5	23061.5
8	22060.5	23068.5
9	22067.5	23075.5
10	22074.5	23082.5
11	22081.5	23089.5
12	22088.5	23096.5
13	22095.5	23103.5
14	22102.5	23110.5
15	22109.5	23117.5
16	22116.5	23124.5
17	22123.5	23131.5
18	22130.5	23138.5
19	22137.5	23145.5
20	22144.5	23152.5
21	22151.5	23159.5
22	22158.5	23166.5
23	22165.5	23173.5
24	22172.5	23180.5
25	22179.5	23187.5
26	22186.5	23194.5
27	22193.5	23201.5
28	22200.5	23208.5
29	22207.5	23215.5
30	22214.5	23222.5
31	22221.5	23229.5
32	22228.5	23236.5
33	22235.5	23243.5
34	22242.5	23250.5
35	22249.5	23257.5
36	22256.5	23264.5
37	22263.5	23271.5
38	22270.5	23278.5
39	22277.5	23285.5

40	22284.5	23292.5
41	22291.5	23299.5
42	22298.5	23306.5
43	22305.5	23313.5
44	22312.5	23320.5
45	22319.5	23327.5
46	22326.5	23334.5
47	22333.5	23341.5
48	22340.5	23348.5
49	22347.5	23355.5
50	22354.5	23362.5
51	22361.5	23369.5
52	22368.5	23376.5
53	22375.5	23383.5
54	22382.5	23390.5
55	22389.5	23397.5
56	22396.5	23404.5
57	22403.5	23411.5
58	22410.5	23418.5
59	22417.5	23425.5
60	22424.5	23432.5
61	22431.5	23439.5
62	22438.5	23446.5
63	22445.5	23453.5
64	22452.5	23460.5
65	22459.5	23467.5
66	22466.5	23474.5
67	22473.5	23481.5
68	22480.5	23488.5
69	22487.5	23495.5
70	22494.5	23502.5
71	22501.5	23509.5
72	22508.5	23516.5
73	22515.5	23523.5
74	22522.5	23530.5
75	22529.5	23537.5
76	22536.5	23544.5
77	22543.5	23551.5
78	22550.5	23558.5
79	22557.5	23565.5
80	22564.5	23572.5
81	22571.5	23579.5
82	22578.5	23586.5
83	22585.5	23593.5

14 MHz Channels		
Channel	MHz	MHz
1	22015	23023
2	22029	23037
3	22043	23051
4	22057	23065
5	22071	23079
6	22085	23093
7	22099	23107

8	22113	23121
9	22127	23135
10	22141	23149
11	22155	23163
12	22169	23177
13	22183	23191
14	22197	23205
15	22211	23219
16	22225	23233
17	22239	23247
18	22253	23261
19	22267	23275
20	22281	23289
21	22295	23303
22	22309	23317
23	22323	23331
24	22337	23345
25	22351	23359
26	22365	23373
27	22379	23387
28	22393	23401
29	22407	23415
30	22421	23429
31	22435	23443
32	22449	23457
33	22463	23471
34	22477	23485
35	22491	23499
36	22505	23513
37	22519	23527
38	22533	23541
39	22547	23555
40	22561	23569
41	22575	23583

28 MHz Channels		
Channel	MHz	MHz
1	22022	23030
2	22050	23058
3	22078	23086
4	22106	23114
5	22134	23142
6	22162	23170
7	22190	23198
8	22218	23226
9	22246	23254
10	22274	23282
11	22302	23310
12	22330	23338
13	22358	23366
14	22386	23394
15	22414	23422
16	22442	23450
17	22470	23478

18	22498	23506
19	22526	23534
20	22554	23562

56 MHz Channels		
Channel	MHz	MHz
1	22078	23086
2	22134	23142
3	22190	23198
4	22246	23254
5	22302	23310
6	22358	23366
7	22414	23422
8	22470	23478
9	22526	23534

112 MHz Channels		
Channel	MHz	MHz
1	22078	23086
2	22190	23198
3	22302	23310
4	22414	23422
5	22526	23534

224 MHz Channels		
Channel	MHz	MHz
1	22134	23142
2	22358	23366

26 GHz - CEPT/ERC/REC 13-02 E, Annex B

Range – Part of 24.5 - 26.5 GHz band namely: 25.277 - 25.445 GHz and 26.285 - 26.453 GHz

3.5 MHz Channels		
Channel	MHz	MHz
74	25280.5	26288.5
75	25284	26292
76	25287.5	26295.5
77	25291	26299
78	25294.5	26302.5
79	25298	26306
80	25301.5	26309.5
81	25305	26313
82	25308.5	26316.5
83	25312	26320
84	25315.5	26323.5
85	25319	26327
86	25322.5	26330.5
87	25326	26334
88	25329.5	26337.5
89	25333	26341
90	25336.5	26344.5
91	25340	26348
92	25343.5	26351.5
93	25347	26355
94	25350.5	26358.5
95	25354	26362
96	25357.5	26365.5
97	25361	26369
98	25364.5	26372.5
99	25368	26376
100	25371.5	26379.5
101	25375	26383
102	25378.5	26386.5
103	25382	26390
104	25385.5	26393.5
105	25389	26397
106	25392.5	26400.5
107	25396	26404
108	25399.5	26407.5
109	25403	26411
110	25406.5	26414.5
111	25410	26418
112	25413.5	26421.5
113	25417	26425
114	25420.5	26428.5
115	25424	26432
116	25427.5	26435.5
117	25431	26439
118	25434.5	26442.5
119	25438	26446
120	25441.5	26449.5

7 MHz Channels		
Channel	MHz	MHz
37	25280.5	26288.5
38	25287.5	26295.5
39	25294.5	26302.5
40	25301.5	26309.5
41	25308.5	26316.5
42	25315.5	26323.5
43	25322.5	26330.5
44	25329.5	26337.5
45	25336.5	26344.5
46	25343.5	26351.5
47	25350.5	26358.5
48	25357.5	26365.5
49	25364.5	26372.5
50	25371.5	26379.5
51	25378.5	26386.5
52	25385.5	26393.5
53	25392.5	26400.5
54	25399.5	26407.5
55	25406.5	26414.5
56	25413.5	26421.5
57	25420.5	26428.5
58	25427.5	26435.5
59	25434.5	26442.5
60	25441.5	26449.5

14 MHz Channels		
Channel	MHz	MHz
19	25284	26292
20	25298	26306
21	25312	26320
22	25326	26334
23	25340	26348
24	25354	26362
25	25368	26376
26	25382	26390
27	25396	26404
28	25410	26418
29	25424	26432
30	25438	26446

28 MHz Channels		
Channel	MHz	MHz
10	25291	26299
11	25319	26327
12	25347	26355
13	25375	26383
14	25403	26411
15	25431	26439

28 GHz - CEPT/ERC/RECOMMENDATION T/R 13-02 E**Annex C**

Range – A: 27.9405 - 28.4445 GHz paired with 28.9485 - 29.4525 GHz

3.5 MHz Channels		
Channel	MHz	MHz
1	27942.25	28950.25
2	27945.75	28953.75
3	27949.25	28957.25
4	27952.75	28960.75
5	27956.25	28964.25
6	27959.75	28967.75
7	27963.25	28971.25
8	27966.75	28974.75
9	27970.25	28978.25
10	27973.75	28981.75
11	27977.25	28985.25
12	27980.75	28988.75
13	27984.25	28992.25
14	27987.75	28995.75
15	27991.25	28999.25
16	27994.75	29002.75
17	27998.25	29006.25
18	28001.75	29009.75
19	28005.25	29013.25
20	28008.75	29016.75
21	28012.25	29020.25
22	28015.75	29023.75
23	28019.25	29027.25
24	28022.75	29030.75
25	28026.25	29034.25
26	28029.75	29037.75
27	28033.25	29041.25
28	28036.75	29044.75
29	28040.25	29048.25
30	28043.75	29051.75
31	28047.25	29055.25
32	28050.75	29058.75
33	28054.25	29062.25
34	28057.75	29065.75
35	28061.25	29069.25
36	28064.75	29072.75
37	28068.25	29076.25
38	28071.75	29079.75
39	28075.25	29083.25
40	28078.75	29086.75
41	28082.25	29090.25
42	28085.75	29093.75
43	28089.25	29097.25

44	28092.75	29100.75
45	28096.25	29104.25
46	28099.75	29107.75
47	28103.25	29111.25
48	28106.75	29114.75
49	28110.25	29118.25
50	28113.75	29121.75
51	28117.25	29125.25
52	28120.75	29128.75
53	28124.25	29132.25
54	28127.75	29135.75
55	28131.25	29139.25
56	28134.75	29142.75
57	28138.25	29146.25
58	28141.75	29149.75
59	28145.25	29153.25
60	28148.75	29156.75
61	28152.25	29160.25
62	28155.75	29163.75
63	28159.25	29167.25
64	28162.75	29170.75
65	28166.25	29174.25
66	28169.75	29177.75
67	28173.25	29181.25
68	28176.75	29184.75
69	28180.25	29188.25
70	28183.75	29191.75
71	28187.25	29195.25
72	28190.75	29198.75
73	28194.25	29202.25
74	28197.75	29205.75
75	28201.25	29209.25
76	28204.75	29212.75
77	28208.25	29216.25
78	28211.75	29219.75
79	28215.25	29223.25
80	28218.75	29226.75
81	28222.25	29230.25
82	28225.75	29233.75
83	28229.25	29237.25
84	28232.75	29240.75
85	28236.25	29244.25
86	28239.75	29247.75
87	28243.25	29251.25
88	28246.75	29254.75
89	28250.25	29258.25
90	28253.75	29261.75
91	28257.25	29265.25
92	28260.75	29268.75
93	28264.25	29272.25

94	28267.75	29275.75
95	28271.25	29279.25
96	28274.75	29282.75
97	28278.25	29286.25
98	28281.75	29289.75
99	28285.25	29293.25
100	28288.75	29296.75
101	28292.25	29300.25
102	28295.75	29303.75
103	28299.25	29307.25
104	28302.75	29310.75
105	28306.25	29314.25
106	28309.75	29317.75
107	28313.25	29321.25
108	28316.75	29324.75
109	28320.25	29328.25
110	28323.75	29331.75
111	28327.25	29335.25
112	28330.75	29338.75
113	28334.25	29342.25
114	28337.75	29345.75
115	28341.25	29349.25
116	28344.75	29352.75
117	28348.25	29356.25
118	28351.75	29359.75
119	28355.25	29363.25
120	28358.75	29366.75
121	28362.25	29370.25
122	28365.75	29373.75
123	28369.25	29377.25
124	28372.75	29380.75
125	28376.25	29384.25
126	28379.75	29387.75
127	28383.25	29391.25
128	28386.75	29394.75
129	28390.25	29398.25
130	28393.75	29401.75
131	28397.25	29405.25
132	28400.75	29408.75
133	28404.25	29412.25
134	28407.75	29415.75
135	28411.25	29419.25
136	28414.75	29422.75
137	28418.25	29426.25
138	28421.75	29429.75
139	28425.25	29433.25
140	28428.75	29436.75
141	28432.25	29440.25
142	28435.75	29443.75
143	28439.25	29447.25

144	28442.75	29450.75
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7 MHz Channels		
Channel	MHz	MHz
1	27944	28952
2	27951	28959
3	27958	28966
4	27965	28973
5	27972	28980
6	27979	28987
7	27986	28994
8	27993	29001
9	28000	29008
10	28007	29015
11	28014	29022
12	28021	29029
13	28028	29036
14	28035	29043
15	28042	29050
16	28049	29057
17	28056	29064
18	28063	29071
19	28070	29078
20	28077	29085
21	28084	29092
22	28091	29099
23	28098	29106
24	28105	29113
25	28112	29120
26	28119	29127
27	28126	29134
28	28133	29141
29	28140	29148
30	28147	29155
31	28154	29162
32	28161	29169
33	28168	29176
34	28175	29183
35	28182	29190
36	28189	29197
37	28196	29204
38	28203	29211
39	28210	29218
40	28217	29225
41	28224	29232
42	28231	29239
43	28238	29246
44	28245	29253
45	28252	29260
46	28259	29267

47	28266	29274
48	28273	29281
49	28280	29288
50	28287	29295
51	28294	29302
52	28301	29309
53	28308	29316
54	28315	29323
55	28322	29330
56	28329	29337
57	28336	29344
58	28343	29351
59	28350	29358
60	28357	29365
61	28364	29372
62	28371	29379
63	28378	29386
64	28385	29393
65	28392	29400
66	28399	29407
67	28406	29414
68	28413	29421
69	28420	29428
70	28427	29435
71	28434	29442
72	28441	29449

<u>14 MHz Channels</u>		
Channel	MHz	MHz
1	27947.5	28955.5
2	27961.5	28969.5
3	27975.5	28983.5
4	27989.5	28997.5
5	28003.5	29011.5
6	28017.5	29025.5
7	28031.5	29039.5
8	28045.5	29053.5
9	28059.5	29067.5
10	28073.5	29081.5
11	28087.5	29095.5
12	28101.5	29109.5
13	28115.5	29123.5
14	28129.5	29137.5
15	28143.5	29151.5
16	28157.5	29165.5
17	28171.5	29179.5
18	28185.5	29193.5
19	28199.5	29207.5
20	28213.5	29221.5
21	28227.5	29235.5

22	28241.5	29249.5
23	28255.5	29263.5
24	28269.5	29277.5
25	28283.5	29291.5
26	28297.5	29305.5
27	28311.5	29319.5
28	28325.5	29333.5
29	28339.5	29347.5
30	28353.5	29361.5
31	28367.5	29375.5
32	28381.5	29389.5
33	28395.5	29403.5
34	28409.5	29417.5
35	28423.5	29431.5
36	28437.5	29445.5

28 MHz Channels		
Channel	MHz	MHz
1	27954.5	28962.5
2	27982.5	28990.5
3	28010.5	29018.5
4	28038.5	29046.5
5	28066.5	29074.5
6	28094.5	29102.5
7	28122.5	29130.5
8	28150.5	29158.5
9	28178.5	29186.5
10	28206.5	29214.5
11	28234.5	29242.5
12	28262.5	29270.5
13	28290.5	29298.5
14	28318.5	29326.5
15	28346.5	29354.5
16	28374.5	29382.5
17	28402.5	29410.5
18	28430.5	29438.5

56 MHz Channels		
Channel	MHz	MHz
1	27968.5	28976.5
2	28024.5	29032.5
3	28080.5	29088.5
4	28136.5	29144.5
5	28192.5	29200.5
6	28248.5	29256.5
7	28304.5	29312.5
8	28360.5	29368.5
9	28416.5	29424.5

112 MHz Channels		
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Channel	MHz	MHz
1	28052.5	29060.5
2	28164.5	29172.5
3	28276.5	29284.5
4	28388.5	29396.5

<u>224 MHz Channels</u>		
Channel	MHz	MHz
1	28108.5	29116.5
2	28332.5	29340.5

38 GHz - CEPT/ERC/RECOMMENDATION T/R 12-01 E**Annex A**

Range – 37000.00 – 39500.00 MHz

3.5 MHz Channels		
Channel	MHz	MHz
1	37059.75	38319.75
2	37063.25	38323.25
3	37066.75	38326.75
4	37070.25	38330.25
5	37073.75	38333.75
6	37077.25	38337.25
7	37080.75	38340.75
8	37084.25	38344.25
9	37087.75	38347.75
10	37091.25	38351.25
11	37094.75	38354.75
12	37098.25	38358.25
13	37101.75	38361.75
14	37105.25	38365.25
15	37108.75	38368.75
16	37112.25	38372.25
17	37115.75	38375.75
18	37119.25	38379.25
19	37122.75	38382.75
20	37126.25	38386.25
21	37129.75	38389.75
22	37133.25	38393.25
23	37136.75	38396.75
24	37140.25	38400.25
25	37143.75	38403.75
26	37147.25	38407.25
27	37150.75	38410.75
28	37154.25	38414.25
29	37157.75	38417.75
30	37161.25	38421.25
31	37164.75	38424.75
32	37168.25	38428.25
33	37171.75	38431.75
34	37175.25	38435.25
35	37178.75	38438.75
36	37182.25	38442.25
37	37185.75	38445.75
38	37189.25	38449.25
39	37192.75	38452.75
40	37196.25	38456.25
41	37199.75	38459.75
42	37203.25	38463.25
43	37206.75	38466.75
44	37210.25	38470.25

45	37213.75	38473.75
46	37217.25	38477.25
47	37220.75	38480.75
48	37224.25	38484.25
49	37227.75	38487.75
50	37231.25	38491.25
51	37234.75	38494.75
52	37238.25	38498.25
53	37241.75	38501.75
54	37245.25	38505.25
55	37248.75	38508.75
56	37252.25	38512.25
57	37255.75	38515.75
58	37259.25	38519.25
59	37262.75	38522.75
60	37266.25	38526.25
61	37269.75	38529.75
62	37273.25	38533.25
63	37276.75	38536.75
64	37280.25	38540.25
65	37283.75	38543.75
66	37287.25	38547.25
67	37290.75	38550.75
68	37294.25	38554.25
69	37297.75	38557.75
70	37301.25	38561.25
71	37304.75	38564.75
72	37308.25	38568.25
73	37311.75	38571.75
74	37315.25	38575.25
75	37318.75	38578.75
76	37322.25	38582.25
77	37325.75	38585.75
78	37329.25	38589.25
79	37332.75	38592.75
80	37336.25	38596.25
81	37339.75	38599.75
82	37343.25	38603.25
83	37346.75	38606.75
84	37350.25	38610.25
85	37353.75	38613.75
86	37357.25	38617.25
87	37360.75	38620.75
88	37364.25	38624.25
89	37367.75	38627.75
90	37371.25	38631.25
91	37374.75	38634.75
92	37378.25	38638.25
93	37381.75	38641.75
94	37385.25	38645.25

95	37388.75	38648.75
96	37392.25	38652.25
97	37395.75	38655.75
98	37399.25	38659.25
99	37402.75	38662.75
100	37406.25	38666.25
101	37409.75	38669.75
102	37413.25	38673.25
103	37416.75	38676.75
104	37420.25	38680.25
105	37423.75	38683.75
106	37427.25	38687.25
107	37430.75	38690.75
108	37434.25	38694.25
109	37437.75	38697.75
110	37441.25	38701.25
111	37444.75	38704.75
112	37448.25	38708.25
113	37451.75	38711.75
114	37455.25	38715.25
115	37458.75	38718.75
116	37462.25	38722.25
117	37465.75	38725.75
118	37469.25	38729.25
119	37472.75	38732.75
120	37476.25	38736.25
121	37479.75	38739.75
122	37483.25	38743.25
123	37486.75	38746.75
124	37490.25	38750.25
125	37493.75	38753.75
126	37497.25	38757.25
127	37500.75	38760.75
128	37504.25	38764.25
129	37507.75	38767.75
130	37511.25	38771.25
131	37514.75	38774.75
132	37518.25	38778.25
133	37521.75	38781.75
134	37525.25	38785.25
135	37528.75	38788.75
136	37532.25	38792.25
137	37535.75	38795.75
138	37539.25	38799.25
139	37542.75	38802.75
140	37546.25	38806.25
141	37549.75	38809.75
142	37553.25	38813.25
143	37556.75	38816.75
144	37560.25	38820.25

145	37563.75	38823.75
146	37567.25	38827.25
147	37570.75	38830.75
148	37574.25	38834.25
149	37577.75	38837.75
150	37581.25	38841.25
151	37584.75	38844.75
152	37588.25	38848.25
153	37591.75	38851.75
154	37595.25	38855.25
155	37598.75	38858.75
156	37602.25	38862.25
157	37605.75	38865.75
158	37609.25	38869.25
159	37612.75	38872.75
160	37616.25	38876.25
161	37619.75	38879.75
162	37623.25	38883.25
163	37626.75	38886.75
164	37630.25	38890.25
165	37633.75	38893.75
166	37637.25	38897.25
167	37640.75	38900.75
168	37644.25	38904.25
169	37647.75	38907.75
170	37651.25	38911.25
171	37654.75	38914.75
172	37658.25	38918.25
173	37661.75	38921.75
174	37665.25	38925.25
175	37668.75	38928.75
176	37672.25	38932.25
177	37675.75	38935.75
178	37679.25	38939.25
179	37682.75	38942.75
180	37686.25	38946.25
181	37689.75	38949.75
182	37693.25	38953.25
183	37696.75	38956.75
184	37700.25	38960.25
185	37703.75	38963.75
186	37707.25	38967.25
187	37710.75	38970.75
188	37714.25	38974.25
189	37717.75	38977.75
190	37721.25	38981.25
191	37724.75	38984.75
192	37728.25	38988.25
193	37731.75	38991.75
194	37735.25	38995.25

195	37738.75	38998.75
196	37742.25	39002.25
197	37745.75	39005.75
198	37749.25	39009.25
199	37752.75	39012.75
200	37756.25	39016.25
201	37759.75	39019.75
202	37763.25	39023.25
203	37766.75	39026.75
204	37770.25	39030.25
205	37773.75	39033.75
206	37777.25	39037.25
207	37780.75	39040.75
208	37784.25	39044.25
209	37787.75	39047.75
210	37791.25	39051.25
211	37794.75	39054.75
212	37798.25	39058.25
213	37801.75	39061.75
214	37805.25	39065.25
215	37808.75	39068.75
216	37812.25	39072.25
217	37815.75	39075.75
218	37819.25	39079.25
219	37822.75	39082.75
220	37826.25	39086.25
221	37829.75	39089.75
222	37833.25	39093.25
223	37836.75	39096.75
224	37840.25	39100.25
225	37843.75	39103.75
226	37847.25	39107.25
227	37850.75	39110.75
228	37854.25	39114.25
229	37857.75	39117.75
230	37861.25	39121.25
231	37864.75	39124.75
232	37868.25	39128.25
233	37871.75	39131.75
234	37875.25	39135.25
235	37878.75	39138.75
236	37882.25	39142.25
237	37885.75	39145.75
238	37889.25	39149.25
239	37892.75	39152.75
240	37896.25	39156.25
241	37899.75	39159.75
242	37903.25	39163.25
243	37906.75	39166.75
244	37910.25	39170.25

245	37913.75	39173.75
246	37917.25	39177.25
247	37920.75	39180.75
248	37924.25	39184.25
249	37927.75	39187.75
250	37931.25	39191.25
251	37934.75	39194.75
252	37938.25	39198.25
253	37941.75	39201.75
254	37945.25	39205.25
255	37948.75	39208.75
256	37952.25	39212.25
257	37955.75	39215.75
258	37959.25	39219.25
259	37962.75	39222.75
260	37966.25	39226.25
261	37969.75	39229.75
262	37973.25	39233.25
263	37976.75	39236.75
264	37980.25	39240.25
265	37983.75	39243.75
266	37987.25	39247.25
267	37990.75	39250.75
268	37994.25	39254.25
269	37997.75	39257.75
270	38001.25	39261.25
271	38004.75	39264.75
272	38008.25	39268.25
273	38011.75	39271.75
274	38015.25	39275.25
275	38018.75	39278.75
276	38022.25	39282.25
277	38025.75	39285.75
278	38029.25	39289.25
279	38032.75	39292.75
280	38036.25	39296.25
281	38039.75	39299.75
282	38043.25	39303.25
283	38046.75	39306.75
284	38050.25	39310.25
285	38053.75	39313.75
286	38057.25	39317.25
287	38060.75	39320.75
288	38064.25	39324.25
289	38067.75	39327.75
290	38071.25	39331.25
291	38074.75	39334.75
292	38078.25	39338.25
293	38081.75	39341.75
294	38085.25	39345.25

295	38088.75	39348.75
296	38092.25	39352.25
297	38095.75	39355.75
298	38099.25	39359.25
299	38102.75	39362.75
300	38106.25	39366.25
301	38109.75	39369.75
302	38113.25	39373.25
303	38116.75	39376.75
304	38120.25	39380.25
305	38123.75	39383.75
306	38127.25	39387.25
307	38130.75	39390.75
308	38134.25	39394.25
309	38137.75	39397.75
310	38141.25	39401.25
311	38144.75	39404.75
312	38148.25	39408.25
313	38151.75	39411.75
314	38155.25	39415.25
315	38158.75	39418.75
316	38162.25	39422.25
317	38165.75	39425.75
318	38169.25	39429.25
319	38172.75	39432.75
320	38176.25	39436.25

<u>7 MHz Channels</u>		
Channel	MHz	MHz
1	37061.5	38321.5
2	37068.5	38328.5
3	37075.5	38335.5
4	37082.5	38342.5
5	37089.5	38349.5
6	37096.5	38356.5
7	37103.5	38363.5
8	37110.5	38370.5
9	37117.5	38377.5
10	37124.5	38384.5
11	37131.5	38391.5
12	37138.5	38398.5
13	37145.5	38405.5
14	37152.5	38412.5
15	37159.5	38419.5
16	37166.5	38426.5
17	37173.5	38433.5
18	37180.5	38440.5
19	37187.5	38447.5
20	37194.5	38454.5
21	37201.5	38461.5

22	37208.5	38468.5
23	37215.5	38475.5
24	37222.5	38482.5
25	37229.5	38489.5
26	37236.5	38496.5
27	37243.5	38503.5
28	37250.5	38510.5
29	37257.5	38517.5
30	37264.5	38524.5
31	37271.5	38531.5
32	37278.5	38538.5
33	37285.5	38545.5
34	37292.5	38552.5
35	37299.5	38559.5
36	37306.5	38566.5
37	37313.5	38573.5
38	37320.5	38580.5
39	37327.5	38587.5
40	37334.5	38594.5
41	37341.5	38601.5
42	37348.5	38608.5
43	37355.5	38615.5
44	37362.5	38622.5
45	37369.5	38629.5
46	37376.5	38636.5
47	37383.5	38643.5
48	37390.5	38650.5
49	37397.5	38657.5
50	37404.5	38664.5
51	37411.5	38671.5
52	37418.5	38678.5
53	37425.5	38685.5
54	37432.5	38692.5
55	37439.5	38699.5
56	37446.5	38706.5
57	37453.5	38713.5
58	37460.5	38720.5
59	37467.5	38727.5
60	37474.5	38734.5
61	37481.5	38741.5
62	37488.5	38748.5
63	37495.5	38755.5
64	37502.5	38762.5
65	37509.5	38769.5
66	37516.5	38776.5
67	37523.5	38783.5
68	37530.5	38790.5
69	37537.5	38797.5
70	37544.5	38804.5
71	37551.5	38811.5

72	37558.5	38818.5
73	37565.5	38825.5
74	37572.5	38832.5
75	37579.5	38839.5
76	37586.5	38846.5
77	37593.5	38853.5
78	37600.5	38860.5
79	37607.5	38867.5
80	37614.5	38874.5
81	37621.5	38881.5
82	37628.5	38888.5
83	37635.5	38895.5
84	37642.5	38902.5
85	37649.5	38909.5
86	37656.5	38916.5
87	37663.5	38923.5
88	37670.5	38930.5
89	37677.5	38937.5
90	37684.5	38944.5
91	37691.5	38951.5
92	37698.5	38958.5
93	37705.5	38965.5
94	37712.5	38972.5
95	37719.5	38979.5
96	37726.5	38986.5
97	37733.5	38993.5
98	37740.5	39000.5
99	37747.5	39007.5
100	37754.5	39014.5
101	37761.5	39021.5
102	37768.5	39028.5
103	37775.5	39035.5
104	37782.5	39042.5
105	37789.5	39049.5
106	37796.5	39056.5
107	37803.5	39063.5
108	37810.5	39070.5
109	37817.5	39077.5
110	37824.5	39084.5
111	37831.5	39091.5
112	37838.5	39098.5
113	37845.5	39105.5
114	37852.5	39112.5
115	37859.5	39119.5
116	37866.5	39126.5
117	37873.5	39133.5
118	37880.5	39140.5
119	37887.5	39147.5
120	37894.5	39154.5
121	37901.5	39161.5

122	37908.5	39168.5
123	37915.5	39175.5
124	37922.5	39182.5
125	37929.5	39189.5
126	37936.5	39196.5
127	37943.5	39203.5
128	37950.5	39210.5
129	37957.5	39217.5
130	37964.5	39224.5
131	37971.5	39231.5
132	37978.5	39238.5
133	37985.5	39245.5
134	37992.5	39252.5
135	37999.5	39259.5
136	38006.5	39266.5
137	38013.5	39273.5
138	38020.5	39280.5
139	38027.5	39287.5
140	38034.5	39294.5
141	38041.5	39301.5
142	38048.5	39308.5
143	38055.5	39315.5
144	38062.5	39322.5
145	38069.5	39329.5
146	38076.5	39336.5
147	38083.5	39343.5
148	38090.5	39350.5
149	38097.5	39357.5
150	38104.5	39364.5
151	38111.5	39371.5
152	38118.5	39378.5
153	38125.5	39385.5
154	38132.5	39392.5
155	38139.5	39399.5
156	38146.5	39406.5
157	38153.5	39413.5
158	38160.5	39420.5
159	38167.5	39427.5
160	38174.5	39434.5

<u>14 MHz Channels</u>		
Channel	MHz	MHz
1	37065	38325
2	37079	38339
3	37093	38353
4	37107	38367
5	37121	38381
6	37135	38395
7	37149	38409
8	37163	38423

9	37177	38437
10	37191	38451
11	37205	38465
12	37219	38479
13	37233	38493
14	37247	38507
15	37261	38521
16	37275	38535
17	37289	38549
18	37303	38563
19	37317	38577
20	37331	38591
21	37345	38605
22	37359	38619
23	37373	38633
24	37387	38647
25	37401	38661
26	37415	38675
27	37429	38689
28	37443	38703
29	37457	38717
30	37471	38731
31	37485	38745
32	37499	38759
33	37513	38773
34	37527	38787
35	37541	38801
36	37555	38815
37	37569	38829
38	37583	38843
39	37597	38857
40	37611	38871
41	37625	38885
42	37639	38899
43	37653	38913
44	37667	38927
45	37681	38941
46	37695	38955
47	37709	38969
48	37723	38983
49	37737	38997
50	37751	39011
51	37765	39025
52	37779	39039
53	37793	39053
54	37807	39067
55	37821	39081
56	37835	39095
57	37849	39109
58	37863	39123

59	37877	39137
60	37891	39151
61	37905	39165
62	37919	39179
63	37933	39193
64	37947	39207
65	37961	39221
66	37975	39235
67	37989	39249
68	38003	39263
69	38017	39277
70	38031	39291
71	38045	39305
72	38059	39319
73	38073	39333
74	38087	39347
75	38101	39361
76	38115	39375
77	38129	39389
78	38143	39403
79	38157	39417
80	38171	39431

28 MHz Channels		
Channel	MHz	MHz
1	37072	38332
2	37100	38360
3	37128	38388
4	37156	38416
5	37184	38444
6	37212	38472
7	37240	38500
8	37268	38528
9	37296	38556
10	37324	38584
11	37352	38612
12	37380	38640
13	37408	38668
14	37436	38696
15	37464	38724
16	37492	38752
17	37520	38780
18	37548	38808
19	37576	38836
20	37604	38864
21	37632	38892
22	37660	38920
23	37688	38948
24	37716	38976
25	37744	39004

26	37772	39032
27	37800	39060
28	37828	39088
29	37856	39116
30	37884	39144
31	37912	39172
32	37940	39200
33	37968	39228
34	37996	39256
35	38024	39284
36	38052	39312
37	38080	39340
38	38108	39368
39	38136	39396
40	38164	39424

56 MHz Channels		
Channel	MHz	MHz
1	37086	38346
2	37142	38402
3	37198	38458
4	37254	38514
5	37310	38570
6	37366	38626
7	37422	38682
8	37478	38738
9	37534	38794
10	37590	38850
11	37646	38906
12	37702	38962
13	37758	39018
14	37814	39074
15	37870	39130
16	37926	39186
17	37982	39242
18	38038	39298
19	38094	39354
20	38150	39410

112 MHz Channels		
Channel	MHz	MHz
1	37114	38374
2	37226	38486
3	37338	38598
4	37450	38710
5	37562	38822
6	37674	38934
7	37786	39046
8	37898	39158
9	38010	39270

10	38122	39382
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224 MHz Channels		
Channel	MHz	MHz
1	37170	38430
2	37394	38654
3	37618	38878
4	37842	39102
5	38066	39326

40 GHz - CEPT/ERC/RECOMMENDATION (01)04

Range – 40500.00 – 43500.00 MHz

7 MHz Channels		
Channel	MHz	MHz
1	40553.5	42053.5
2	40560.5	42060.5
3	40567.5	42067.5
4	40574.5	42074.5
5	40581.5	42081.5
6	40588.5	42088.5
7	40595.5	42095.5
8	40602.5	42102.5
9	40609.5	42109.5
10	40616.5	42116.5
11	40623.5	42123.5
12	40630.5	42130.5
13	40637.5	42137.5
14	40644.5	42144.5
15	40651.5	42151.5
16	40658.5	42158.5
17	40665.5	42165.5
18	40672.5	42172.5
19	40679.5	42179.5
20	40686.5	42186.5
21	40693.5	42193.5
22	40700.5	42200.5
23	40707.5	42207.5
24	40714.5	42214.5
25	40721.5	42221.5
26	40728.5	42228.5
27	40735.5	42235.5
28	40742.5	42242.5
29	40749.5	42249.5
30	40756.5	42256.5
31	40763.5	42263.5
32	40770.5	42270.5
33	40777.5	42277.5
34	40784.5	42284.5
35	40791.5	42291.5
36	40798.5	42298.5
37	40805.5	42305.5
38	40812.5	42312.5
39	40819.5	42319.5
40	40826.5	42326.5
41	40833.5	42333.5
42	40840.5	42340.5
43	40847.5	42347.5
44	40854.5	42354.5
45	40861.5	42361.5

46	40868.5	42368.5
47	40875.5	42375.5
48	40882.5	42382.5
49	40889.5	42389.5
50	40896.5	42396.5
51	40903.5	42403.5
52	40910.5	42410.5
53	40917.5	42417.5
54	40924.5	42424.5
55	40931.5	42431.5
56	40938.5	42438.5
57	40945.5	42445.5
58	40952.5	42452.5
59	40959.5	42459.5
60	40966.5	42466.5
61	40973.5	42473.5
62	40980.5	42480.5
63	40987.5	42487.5
64	40994.5	42494.5
65	41001.5	42501.5
66	41008.5	42508.5
67	41015.5	42515.5
68	41022.5	42522.5
69	41029.5	42529.5
70	41036.5	42536.5
71	41043.5	42543.5
72	41050.5	42550.5
73	41057.5	42557.5
74	41064.5	42564.5
75	41071.5	42571.5
76	41078.5	42578.5
77	41085.5	42585.5
78	41092.5	42592.5
79	41099.5	42599.5
80	41106.5	42606.5
81	41113.5	42613.5
82	41120.5	42620.5
83	41127.5	42627.5
84	41134.5	42634.5
85	41141.5	42641.5
86	41148.5	42648.5
87	41155.5	42655.5
88	41162.5	42662.5
89	41169.5	42669.5
90	41176.5	42676.5
91	41183.5	42683.5
92	41190.5	42690.5
93	41197.5	42697.5
94	41204.5	42704.5
95	41211.5	42711.5

96	41218.5	42718.5
97	41225.5	42725.5
98	41232.5	42732.5
99	41239.5	42739.5
100	41246.5	42746.5
101	41253.5	42753.5
102	41260.5	42760.5
103	41267.5	42767.5
104	41274.5	42774.5
105	41281.5	42781.5
106	41288.5	42788.5
107	41295.5	42795.5
108	41302.5	42802.5
109	41309.5	42809.5
110	41316.5	42816.5
111	41323.5	42823.5
112	41330.5	42830.5
113	41337.5	42837.5
114	41344.5	42844.5
115	41351.5	42851.5
116	41358.5	42858.5
117	41365.5	42865.5
118	41372.5	42872.5
119	41379.5	42879.5
120	41386.5	42886.5
121	41393.5	42893.5
122	41400.5	42900.5
123	41407.5	42907.5
124	41414.5	42914.5
125	41421.5	42921.5
126	41428.5	42928.5
127	41435.5	42935.5
128	41442.5	42942.5
129	41449.5	42949.5
130	41456.5	42956.5
131	41463.5	42963.5
132	41470.5	42970.5
133	41477.5	42977.5
134	41484.5	42984.5
135	41491.5	42991.5
136	41498.5	42998.5
137	41505.5	43005.5
138	41512.5	43012.5
139	41519.5	43019.5
140	41526.5	43026.5
141	41533.5	43033.5
142	41540.5	43040.5
143	41547.5	43047.5
144	41554.5	43054.5
145	41561.5	43061.5

146	41568.5	43068.5
147	41575.5	43075.5
148	41582.5	43082.5
149	41589.5	43089.5
150	41596.5	43096.5
151	41603.5	43103.5
152	41610.5	43110.5
153	41617.5	43117.5
154	41624.5	43124.5
155	41631.5	43131.5
156	41638.5	43138.5
157	41645.5	43145.5
158	41652.5	43152.5
159	41659.5	43159.5
160	41666.5	43166.5
161	41673.5	43173.5
162	41680.5	43180.5
163	41687.5	43187.5
164	41694.5	43194.5
165	41701.5	43201.5
166	41708.5	43208.5
167	41715.5	43215.5
168	41722.5	43222.5
169	41729.5	43229.5
170	41736.5	43236.5
171	41743.5	43243.5
172	41750.5	43250.5
173	41757.5	43257.5
174	41764.5	43264.5
175	41771.5	43271.5
176	41778.5	43278.5
177	41785.5	43285.5
178	41792.5	43292.5
179	41799.5	43299.5
180	41806.5	43306.5
181	41813.5	43313.5
182	41820.5	43320.5
183	41827.5	43327.5
184	41834.5	43334.5
185	41841.5	43341.5
186	41848.5	43348.5
187	41855.5	43355.5
188	41862.5	43362.5
189	41869.5	43369.5
190	41876.5	43376.5
191	41883.5	43383.5
192	41890.5	43390.5
193	41897.5	43397.5
194	41904.5	43404.5
195	41911.5	43411.5

196	41918.5	43418.5
197	41925.5	43425.5
198	41932.5	43432.5
199	41939.5	43439.5
200	41946.5	43446.5
201	41953.5	43453.5
202	41960.5	43460.5

14 MHz Channels		
Channel	MHz	MHz
1	40557	42057
2	40571	42071
3	40585	42085
4	40599	42099
5	40613	42113
6	40627	42127
7	40641	42141
8	40655	42155
9	40669	42169
10	40683	42183
11	40697	42197
12	40711	42211
13	40725	42225
14	40739	42239
15	40753	42253
16	40767	42267
17	40781	42281
18	40795	42295
19	40809	42309
20	40823	42323
21	40837	42337
22	40851	42351
23	40865	42365
24	40879	42379
25	40893	42393
26	40907	42407
27	40921	42421
28	40935	42435
29	40949	42449
30	40963	42463
31	40977	42477
32	40991	42491
33	41005	42505
34	41019	42519
35	41033	42533
36	41047	42547
37	41061	42561
38	41075	42575
39	41089	42589
40	41103	42603

41	41117	42617
42	41131	42631
43	41145	42645
44	41159	42659
45	41173	42673
46	41187	42687
47	41201	42701
48	41215	42715
49	41229	42729
50	41243	42743
51	41257	42757
52	41271	42771
53	41285	42785
54	41299	42799
55	41313	42813
56	41327	42827
57	41341	42841
58	41355	42855
59	41369	42869
60	41383	42883
61	41397	42897
62	41411	42911
63	41425	42925
64	41439	42939
65	41453	42953
66	41467	42967
67	41481	42981
68	41495	42995
69	41509	43009
70	41523	43023
71	41537	43037
72	41551	43051
73	41565	43065
74	41579	43079
75	41593	43093
76	41607	43107
77	41621	43121
78	41635	43135
79	41649	43149
80	41663	43163
81	41677	43177
82	41691	43191
83	41705	43205
84	41719	43219
85	41733	43233
86	41747	43247
87	41761	43261
88	41775	43275
89	41789	43289
90	41803	43303

91	41817	43317
92	41831	43331
93	41845	43345
94	41859	43359
95	41873	43373
96	41887	43387
97	41901	43401
98	41915	43415
99	41929	43429
100	41943	43443
101	41957	43457

28 MHz Channels		
Channel	MHz	MHz
1	40564	42064
2	40592	42092
3	40620	42120
4	40648	42148
5	40676	42176
6	40704	42204
7	40732	42232
8	40760	42260
9	40788	42288
10	40816	42316
11	40844	42344
12	40872	42372
13	40900	42400
14	40928	42428
15	40956	42456
16	40984	42484
17	41012	42512
18	41040	42540
19	41068	42568
20	41096	42596
21	41124	42624
22	41152	42652
23	41180	42680
24	41208	42708
25	41236	42736
26	41264	42764
27	41292	42792
28	41320	42820
29	41348	42848
30	41376	42876
31	41404	42904
32	41432	42932
33	41460	42960
34	41488	42988
35	41516	43016
36	41544	43044

37	41572	43072
38	41600	43100
39	41628	43128
40	41656	43156
41	41684	43184
42	41712	43212
43	41740	43240
44	41768	43268
45	41796	43296
46	41824	43324
47	41852	43352
48	41880	43380
49	41908	43408
50	41936	43436

56 MHz Channels		
Channel	MHz	MHz
1	40578	42078
2	40634	42134
3	40690	42190
4	40746	42246
5	40802	42302
6	40858	42358
7	40914	42414
8	40970	42470
9	41026	42526
10	41082	42582
11	41138	42638
12	41194	42694
13	41250	42750
14	41306	42806
15	41362	42862
16	41418	42918
17	41474	42974
18	41530	43030
19	41586	43086
20	41642	43142
21	41698	43198
22	41754	43254
23	41810	43310
24	41866	43366
25	41922	43422

112 MHz Channels		
Channel	MHz	MHz
1	40606	42106
2	40718	42218
3	40830	42330
4	40942	42442
5	41054	42554

6	41166	42666
7	41278	42778
8	41390	42890
9	41502	43002
10	41614	43114
11	41726	43226
12	41838	43338

70/80 GHz - CEPT/ERC/RECOMMENDATION (05)07

Range – 71 – 76 GHz / 81 – 86 GHz

<u>250 MHz channels FDD</u>		
Channel	MHz	MHz
1	71250	81250
2	71500	81500
3	71750	81750
4	72000	82000
5	72250	82250
6	72500	82500
7	72750	82750
8	73000	83000
9	73250	83250
10	73500	83500
11	73750	83750
12	74000	84000
13	74250	84250
14	74500	84500
15	74750	84750
16	75000	85000
17	75250	85250
18	75500	85500
19	75750	85750

<u>500 MHz channels FDD</u>		
Channel	MHz	MHz
1	71375	81375
2	71875	81875
3	72375	82375
4	72875	82875
5	73375	83375
6	73875	83875
7	74375	84375
8	74875	84875
9	75375	85375

<u>750 MHz channels FDD</u>		
Channel	MHz	MHz
1	71500	81500
2	72250	82250
3	73000	83000
4	74000	84000
5	74750	84750
6	75500	85500

<u>1000 MHz channels FDD</u>		
Channel	MHz	MHz
1	71625	81625
2	72625	82625

3	74125	84125
4	75125	85125

<u>1250 MHz channels FDD</u>		
Channel	MHz	MHz
1	71750	81750
2	73000	83000
3	74250	84250

<u>1500 MHz channels FDD</u>		
Channel	MHz	MHz
1	71875	81875
2	74375	84375

<u>1750 MHz channels FDD</u>		
Channel	MHz	MHz
1	72000	82000
2	74500	84500

<u>2000 MHz channels FDD</u>		
Channel	MHz	MHz
1	72125	82125
2	74625	84625

<u>250 MHz channels TDD</u>		
Channel	MHz	
1	71250	
2	71500	
3	71750	
4	72000	
5	72250	
6	72500	
7	72750	
8	73000	
9	73250	
10	73500	
11	73750	
12	74000	
13	74250	
14	74500	
15	74750	
16	75000	
17	75250	
18	75500	
19	75750	
20	81250	
21	81500	
22	81750	
23	82000	

24	82250	
25	82500	
26	82750	
27	83000	
28	83250	
29	83500	
30	83750	
31	84000	
32	84250	
33	84500	
34	84750	
35	85000	
36	85250	
37	85500	
38	85750	

500 MHz channels TDD		
Channel	MHz	
1	71375	
2	71875	
3	72375	
4	72875	
5	73375	
6	73875	
7	74375	
8	74875	
9	75375	
10	81375	
11	81875	
12	82375	
13	82875	
14	83375	
15	83875	
16	84375	
17	84875	
18	85375	

750 MHz channels TDD		
Channel	MHz	
1	71500	
2	72250	
3	73000	
4	74000	
5	74750	
6	75500	
7	81500	
8	82250	
9	83000	
10	84000	
11	84750	

12	85500	
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<u>1000 MHz channels TDD</u>		
Channel	MHz	
1	71625	
2	72625	
3	74125	
4	75125	
5	81625	
6	82625	
7	84125	
8	85125	

<u>1250 MHz channels TDD</u>		
Channel	MHz	
1	71750	
2	73000	
3	74250	
4	81750	
5	83000	
6	84250	

<u>1500 MHz channels TDD</u>		
Channel	MHz	
1	71875	
2	74375	
3	81875	
4	84375	

<u>1750 MHz channels TDD</u>		
Channel	MHz	
1	71875	
2	74375	
3	81875	
4	84375	

<u>2000 MHz channels TDD</u>		
Channel	MHz	
1	72125	
2	74625	
3	82125	
4	84625	