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800 mhz frequency guide-compiled by john mccolman

800 - 1300 mhz listening guide * repeater out

frequency band	service
806 - 810	business radio service
810 - 816	conventional systems mobile in public safety radio service
816 - 821	slow growth systems mobile in business radio service
821 - 825	smr trunked systems mobile in land mobile satellite service
825 - 835	mobile in cellular mobile telephones
835 - 845	nonwireline systems mobile in cellular mobile telephones
845 - 850	wireline systems mobile in cellular mobile telephones
850 - 851	expansion reserve mobile in reserved
851 - 855	* business radio service conventional systems base out
855 - 861	* public safety radio service slow growth systems base out
861 - 866	* business radio service trunked systems base out
866 - 870	* land mobile satellite service output
870 - 890	* cellular mobile telephones nonwireline systems base out
890 - 896	* cellular mobile telephones wireline systems base out
896 - 902	private land mobile radio service ps i t blocks mobile in
902 - 928	amateur radio service reserve
928.0125 - 928.3375	domestic public radio service private multi-address systems
928.3625 - 928.8375	domestic public radio service reserved
928.8625 - 928.9875	domestic public radio service wide area paging
929.0125 - 929.7375	domestic public radio service reserved
929.7625 - 929.9875	domestic public radio service radiotelephone utility paging

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930 - 931	domestic public radio service advanced technology paging
931 - 932	domestic public radio service common carrier paging
932 - 935	government private shared operational fixed systems
935 - 941	* private land mobile radio service ps i t blocks base out
941 - 944	government private shared operational fixed systems
944 - 947	broadcast radio service studio-transmitter link (intercity relay)
947 - 952	broadcast radio service formerly stl ir
952.100 - 952.700	private microwave service omnidirectional control
952.800 - 956.100	private microwave service operational fixed systems
956.2625 - 956.4375	private fixed service signalling and control
956.500 - 959.800	private microwave service operational fixed systems
959.8625 - 959.9875	common carrier radio service wide area paging
960 - 1215	aviation services navaids dme
1215 - 1300	amateur radio service some repeaters in service

25 khz channel spacing (65 miles north of mexican border)

.0125	.0375	.0625	.0875	.1125	.1375	.1625	.1875
.2125	.2375	.2625	.2875	.3125	.3375	.3625	.3875
.4125	.4375	.4625	.4875	.5125	.5375	.5625	.5875
.6125	.6375	.6625	.6875	.7125	.7375	.7625	.7875
.8125	.8375	.8625	.8875	.9125	.9375	.9625	.9875

12.5 khz channel spacing (as proposed for future use)

.0000	.0125	.0250	.0375	.0500	.0625	.0750	.0875
.1000	.1125	.1250	.1375	.1500	.1625	.1750	.1875
.2000	.2125	.2250	.2375	.2500	.2625	.2750	.2875
.3000	.3125	.3250	.3375	.3500	.3625	.3750	.3875
.4000	.4125	.4250	.4375	.4500	.4625	.4750	.4875
.5000	.5125	.5250	.5375	.5500	.5625	.5750	.5875
.6000	.6125	.6250	.6375	.6500	.6625	.6750	.6875

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.7000	.7125	.7250	.7375	.7500	.7625	.7750	.7875
.8000	.8125	.8250	.8375	.8500	.8625	.8750	.8875
.9000	.9125	.9250	.9375	.9500	.9625	.9750	.9875

mexican border channel spacing (includes san clemente & tucson)

.0000	.0250	.0500	.0750
.1000	.1250	.1500	.1750
.2000	.2250	.2500	.2750
.3000	.3250	.3500	.3750
.4000	.4250	.4500	.4750
.5000	.5250	.5500	.5750
.6000	.6250	.6500	.6750
.7000	.7250	.7500	.7750
.8000	.8250	.8500	.8750
.9000	.9250	.9500	.9750

cellular mobile telephones - base output frequency

870 - 880 333 nonwireline channels (radiotelephone utilities)
880 - 890 333 wireline channles (telephone companies)
33 channels/mhz

nonwireline blocks

wireline blocks

chn	freq
1	870.030
34	871.020
67	872.010
101	873.030
134	874.020
167	875.010
201	876.030
234	877.020
267	878.010
301	879.030

chn	freq
334	880.020
367	881.010
401	882.030
434	883.020
467	884.010
501	885.030
534	886.020
567	887.010
601	888.030
634	889.020

30 khz channel spacing

870	873	876	879	882	885	888	mhz			
.030	.060	.090	.120	.150	.180	.210	.240	.270	.300	
.330	.360	.390	.420	.450	.480	.510	.540	.570	.600	
.630	.660	.690	.720	.750	.780	.810	.840	.870	.900	

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.930 .960 .990

871 874 877 880 883 886 889 mhz

.020	.050	.080	.110	.140	.170	.200	.230	.260	.290
.320	.350	.380	.410	.440	.470	.500	.530	.560	.590
.620	.650	.680	.710	.740	.770	.800	.830	.860	.890
.920	.950	.980							

872 875 878 881 884 887 mhz

.010	.040	.070	.100	.130	.160	.190	.220	.250	.280
.310	.340	.370	.400	.430	.460	.490	.520	.550	.580
.610	.640	.670	.700	.730	.760	.790	.820	.850	.880
.910	.940	.970							