

800MHZ.TXT

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 mobile in
825 - 835	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)

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.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)

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.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)

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.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

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870 - 880 333 nonwireline channels (radiotelephone utilities)

880 - 890 333 wireline channels (telephone companies)  
33 channels/mhz

nonwireline blocks

chn	freq	chn	freq
1	870.030	334	880.020
34	871.020	367	881.010
67	872.010	401	882.030
101	873.030	434	883.020
134	874.020	467	884.010
167	875.010	501	885.030
201	876.030	534	886.020
234	877.020	567	887.010
267	878.010	601	888.030
301	879.030	634	889.020

wireline blocks

30 khz channel spacing

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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