

28 MHz - 33 MHz (HF/VHF)

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
28-29.7 AMATEUR AMATEUR-SATELLITE			28-29.89	28-29.7 AMATEUR AMATEUR-SATELLITE US340	Amateur (97)
29.7-30.005 FIXED MOBILE			US340	29.7-29.8 LAND MOBILE US340	Private Land Mobile (90)
				29.8-29.89 FIXED US340	International Fixed (23) Aviation (87)
				29.89-29.91 FIXED MOBILE US340	
			29.91-30 US340	International Fixed (23) Aviation (87)	
			30-30.56 FIXED MOBILE		
30.005-30.01 SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH				30-30.56	
30.01-37.5 FIXED MOBILE			30.56-32	30.56-32 FIXED LAND MOBILE NG124	Private Land Mobile (90)
				32-33 FIXED MOBILE	32-33
			See next page for 33-37.5 MHz		

33-50 MHz (VHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
See previous page for 30.01-37.5 MHz			33-34	33-34 FIXED LAND MOBILE NG124	Private Land Mobile (90)
			34-35 FIXED MOBILE	34-35	
			35-36	35-36 FIXED LAND MOBILE	Public Mobile (22) Private Land Mobile (90)
			36-37 FIXED MOBILE US220	36-37 US220	
			37-37.5	37-37.5 LAND MOBILE NG124	Private Land Mobile (90)
37.5-38.25 FIXED MOBILE Radio astronomy	37.5-38 Radio astronomy	37.5-38 LAND MOBILE Radio astronomy			
S5.149	S5.149	S5.149 NG59 NG124			
	38-38.25 FIXED MOBILE RADIO ASTRONOMY	38-38.25 RADIO ASTRONOMY			
	S5.149 US81	S5.149 US81			
38.25-39.986 FIXED MOBILE	38.25-39 FIXED MOBILE	38.25-39			
	39-40	39-40 LAND MOBILE NG124	Private Land Mobile (90)		
39.986-40.02 FIXED MOBILE Space research	41.015-44 FIXED MOBILE	40-40.98	ISM Equipment (18)		
40.02-40.98 FIXED MOBILE	S5.160 S5.161	S5.150 US210			
S5.150					

40.98-41.015 FIXED MOBILE Space research S5.160 S5.161				40.98-42 US220	
41.015-44 FIXED MOBILE S5.160 S5.161			42-46.6	42-43.69 FIXED LAND MOBILE NG124 NG141	Public Mobile (22) Private Land Mobile (90)
44-47 FIXED MOBILE S5.162 S5.162A				43.69-46.6 LAND MOBILE NG124 NG141	Private Land Mobile (90)
46.6-47 FIXED MOBILE			46.6-47		
47-68 BROADCASTING S5.162A S5.163 S5.164 S5.165 S5.169 S5.171	47-50 FIXED MOBILE	47-50 FIXED MOBILE BROADCASTING	47-49.6	47-49.6 LAND MOBILE NG124	Private Land Mobile (90)
			49.6-50 FIXED MOBILE	49.6-50	
	See next page for 50-68 MHz		See next page for 50-73 MHz	See next page for 50-72 MHz	See next page for 50-72 MHz

50-128.8125 MHz (VHF)

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
See previous page for 47-68 MHz	50-54 AMATEUR S5.166 S5.167 S5.168 S5.170		50-73	50-54 AMATEUR	Amateur (97)
	54-68 BROADCASTING Fixed Mobile S5.172	54-68 FIXED MOBILE BROADCASTING		54-72 BROADCASTING	Broadcast Radio (TV) (73) Auxiliary Broadcasting (74)
68-74.8 FIXED MOBILE except aeronautical mobile	68-72 BROADCASTING Fixed Mobile S5.173	68-74.8 FIXED MOBILE S5.149 S5.176 S5.179	50-73	NG128 NG149	
S5.149 S5.174 S5.175 S5.177 S5.179	72-73 FIXED MOBILE			72-73 FIXED MOBILE NG3 NG49 NG56	Public Mobile (22) Private Land Mobile (90) Personal Radio (95)
	73-74.6 RADIO ASTRONOMY S5.178			73-74.6 RADIO ASTRONOMY US74	
	74.6-74.8 FIXED MOBILE			74.6-74.8 FIXED MOBILE US273	Private Land Mobile (90)
74.8-75.2 AERONAUTICAL RADIONAVIGATION S5.180 S5.181			74.8-75.2 AERONAUTICAL RADIONAVIGATION S5.180	Aviation (87)	
75.2-87.5 FIXED MOBILE except aeronautical mobile S5.175 S5.179 S5.184 S5.187	75.2-75.4 FIXED MOBILE S5.179		75.2-75.4 FIXED MOBILE US273	Private Land Mobile (90)	

	75.4-76 FIXED MOBILE	75.4-87 FIXED MOBILE	75.4-88	75.4-76 FIXED MOBILE NG3 NG49 NG56	Public Mobile (22) Private Land Mobile (90) Personal Radio (95)
	76-88 BROADCASTING Fixed Mobile	S5.149 S5.182 S5.183 S5.188		76-88 BROADCASTING NG128 NG129 NG149	Broadcast Radio (TV) (73) Auxiliary Broadcasting (74)
87.5-100 BROADCASTING S5.190	S5.185	87-100 FIXED MOBILE BROADCASTING			
	88-100 BROADCASTING		88-108 US93	88-108 BROADCASTING US93 NG2 NG128 NG129	Broadcast Radio (FM) (73) Auxiliary Broadcasting (74)
100-108 BROADCASTING S5.192 S5.194					
108-117.975 AERONAUTICAL RADIONAVIGATION S5.197			108-117.975 AERONAUTICAL RADIONAVIGATION US93 G126		Note: Footnote G126 states DGPS stations may be authorized on a primary basis in the 108-117.975 MHz band, but the FCC has not yet adopted this footnote.
117.975-137 AERONAUTICAL MOBILE (R) S5.111 S5.198 S5.199 S5.200 S5.201 S5.202 S5.203 S5.203A S5.203B			117.975-121.9375 AERONAUTICAL MOBILE (R) S5.111 S5.199 S5.200 591 US26 US28		Aviation (87)
			121.9375-123.0875 591 US30 US31 US33 US80 US102 US213	121.9375-123.0875 AERONAUTICAL MOBILE 591 US30 US31 US33 US80 US102 US213	
			123.0875-123.5875 AERONAUTICAL MOBILE S5.200 591 US32 US33 US112		
			123.5875-128.8125 AERONAUTICAL MOBILE (R) 591 US26		
			See next page for 128.8125-137 MHz		See next page for 128.8125-137 MHz

128.8125-148 MHz (VHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
See previous page for 117.975-137 MHz			128.8125-132.0125	128.8125-132.0125 AERONAUTICAL MOBILE (R)	Aviation (87)
			591	591	
			132.0125-136.00 AERONAUTICAL MOBILE (R)		591 US26
			136-137	136-137 AERONAUTICAL MOBILE (R)	Satellite Communications (25) Aviation (87)
			591 US244	591 US244	
137-137.025 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208			137-137.025 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 599B US318 US319 US320 SPACE RESEARCH (space-to-Earth) 599A		Satellite Communications (25)
137.025-137.175 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) S5.208A S5.209 Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208			137.025-137.175 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-earth) Mobile-satellite (space-to-Earth) 599B US318 US319 US320 599A		
137.175-137.825 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208			137.175-137.825 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 599B US318 US319 US320 SPACE RESEARCH (space-to-Earth) 599A		

137.825-138 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) S5.208A S5.209 Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208			137.825-138 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Mobile-satellite (space-to-Earth) 599B US318 US319 US320 599A		
138-143.6 AERONAUTICAL MOBILE (OR) S5.210 S5.211 S5.212 S5.214	138-143.6 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	138-143.6 FIXED MOBILE Space research (space-to-Earth) S5.207 S5.213	138-144 FIXED MOBILE US10 G30	138-144 US10	
143.6-143.65 AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth) S5.211 S5.212 S5.214	143.6-143.65 FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space-to-Earth)	143.6-143.65 FIXED MOBILE SPACE RESEARCH (space-to-Earth) S5.207 S5.213			
143.65-144 AERONAUTICAL MOBILE (OR) S5.210 S5.211 S5.212 S5.214	143.65-144 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	143.65-144 FIXED MOBILE Space research (space-to-Earth) S5.207 S5.213			
144-146 AMATEUR S5.120 AMATEUR-SATELLITE S5.216			144-148	144-146 AMATEUR 510 AMATEUR-SATELLITE	Amateur (97)
146-148 FIXED MOBILE except aeronautical mobile (R)	146-148 AMATEUR S5.217	146-148 AMATEUR FIXED MOBILE S5.217		146-148 AMATEUR	

148-162.0125 MHz (VHF)

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
148-149.9 FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) S5.209 S5.218 S5.219 S5.221	148-149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.209 S5.218 S5.219 S5.221		148-149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 599B US319 US320 US323 US325 S5.218 608A US10 G30	148-149.9 MOBILE-SATELLITE (Earth-to-space) 599B US319 US320 US323 US325 S5.218 608A US10	Satellite Communications (25)
149.9-150.05 MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224A RADIONAVIGATION-SATELLITE S5.224B S5.220 S5.222 S5.223			149.9-150.05 MOBILE-SATELLITE (Earth-to-space) 599B US319 US322 RADIONAVIGATION-SATELLITE S5.223 608B		
150.05-153 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149	150.05-156.7625 FIXED MOBILE S5.225 S5.226 S5.227		150.05-150.8 FIXED MOBILE US216 G30 150.8-152.855 US216	150.05-150.8 US216 150.8-152.855 FIXED LAND MOBILE US216 NG4 NG51 NG112 NG124	Public Mobile (22) Private Land Mobile (90)
153-154 FIXED MOBILE except aeronautical mobile (R) Meteorological aids			152.855-154	152.855-154 LAND MOBILE NG4 NG124	Auxiliary Broadcasting (74) Private Land Mobile (90)
154-156.7625 FIXED MOBILE except aeronautical mobile (R)			154-156.2475 S5.226 156.2475-157.0375	154-156.2475 FIXED LAND MOBILE S5.226 NG112 NG117 NG124 NG148 156.2475-157.0375 MARITIME MOBILE	Maritime (80) Private Land Mobile (90)
S5.226 S5.227					

156.7625-156.8375 MARITIME MOBILE (distress and calling)		S5.226 S5.227 US77 US106 US107 US266	S5.226 S5.227 US77 US106 US107 US266 NG117		
S5.111 S5.226					
156.8375-174 FIXED MOBILE except aeronautical mobile S5.226 S5.229	156.8375-174 FIXED MOBILE S5.226 S5.230 S5.231 S5.232	157.0375-157.1875 MARITIME MOBILE	157.0375-157.1875 S5.226 US214 US266	Private Land Mobile (90)	
		157.1875-157.45	157.1875-157.45 LAND MOBILE MARITIME MOBILE S5.226 US223 US266	Maritime (80) Private Land Mobile (90)	
		157.45-161.575	157.45-161.575 FIXED LAND MOBILE S5.226 US266	Public Mobile (22) Maritime (80) Private Land Mobile (90)	
		161.575-161.625	161.575-161.625 MARITIME MOBILE S5.226 US77	Public Mobile (22) Maritime (80)	
		161.625-161.775	161.625-161.775 LAND MOBILE S5.226	Public Mobile (22) Auxiliary Broadcasting (74)	
		161.775-162.0125	161.775-162.0125 LAND MOBILE MARITIME MOBILE S5.226 US266	Public Mobile (22) Maritime (80) Private Land Mobile (90)	
		See next page for 162.0125-174 MHz		See next page for 162.0125-174 MHz	

162.0125-322 MHz (VHF/UHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
See previous page for 156.8375-174 MHz			162.0125-173.2 FIXED MOBILE	162.0125-173.2	Auxiliary Broadcasting (74) Private Land Mobile (90)
			S5.226 US8 US11 US13 US216 US223 US300 US312 G5	S5.226 US8 US11 US13 US216 US223 US300 US312	
			173.2-173.4	173.2-173.4 FIXED Land mobile	Private Land Mobile (90)
			173.4-174 FIXED MOBILE G5	173.4-174	
174-223 BROADCASTING S5.235 S5.237 S5.243	174-216 BROADCASTING Fixed Mobile S5.234	174-223 FIXED MOBILE BROADCASTING S5.233 S5.238 S5.240 S5.245	174-216	174-216 BROADCASTING NG115 NG128 NG149	Broadcast Radio (TV) (73) Auxiliary Broadcasting (74)
	216-220 FIXED MARITIME MOBILE Radiolocation S5.241 S5.242		216-220 MARITIME MOBILE Fixed Radiolocation S5.241 G2 Aeronautical mobile Land mobile US210 US229 US274 US317	216-220 MARITIME MOBILE Fixed Aeronautical mobile Land mobile US210 US229 US274 US317 NG152	Maritime (80) Private Land Mobile (90) Personal Radio (95) Amateur (97) Note: 216-220 MHz will become a mixed-use band in January 2002
	220-225 AMATEUR FIXED MOBILE Radiolocation S5.241		220-222 FIXED LAND MOBILE Radiolocation S5.241 G2 US335	220-222 FIXED LAND MOBILE US335	Private Land Mobile (90)
223-230 BROADCASTING	225-235	223-230 FIXED	225-235	225-235	Amateur (97)

Fixed Mobile S5.243 S5.246 S5.247	FIXED MOBILE	MOBILE BROADCASTING AERONAUTICAL RADIONAVIGATION Radiolocation S5.250	FIXED MOBILE		
230-235 FIXED MOBILE S5.247 S5.251 S5.252		230-235 FIXED MOBILE AERONAUTICAL RADIONAVIGATION S5.250	G27		
235-267 FIXED MOBILE S5.111 S5.199 S5.252 S5.254 S5.256			235-267 FIXED MOBILE S5.111 S5.199 S5.256 G27 G100	235-267 S5.111 S5.199 S5.256	
267-272 FIXED MOBILE Space operation (space-to-Earth) S5.254 S5.257			267-322 FIXED MOBILE G27 G100	267-322	
272-273 SPACE OPERATION (space-to-Earth) FIXED MOBILE S5.254					
273-312 FIXED MOBILE S5.254					
312-315 FIXED MOBILE Mobile-satellite (Earth-to-space) S5.254 S5.255					
See next page for 315-322 MHz					

322-410 MHz (UHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
315-322 FIXED MOBILE S5.254			See previous page for 267-322 MHz		See previous page for 267-322 MHz
322-328.6 FIXED MOBILE RADIO ASTRONOMY S5.149			322-328.6 FIXED MOBILE S5.149 G27	322-328.6 S5.149	
328.6-335.4 AERONAUTICAL RADIONAVIGATION S5.258 S5.259			328.6-335.4 AERONAUTICAL RADIONAVIGATION S5.258		
335.4-387 FIXED MOBILE S5.254			335.4-399.9 FIXED MOBILE G27 G100	335.4-399.9	
387-390 FIXED MOBILE Mobile-satellite (space-to-Earth) S5.208A S5.254 S5.255					
390-399.9 FIXED MOBILE S5.254					
399.9-400.05 MOBILE-SATELLITE (Earth-to-space) S5.209 A5.224A RADIONAVIGATION-SATELLITE S5.222 S5.224B S5.260 S5.220			399.9-400.05 MOBILE-SATELLITE (Earth-to-space) US319 US322 RADIONAVIGATION-SATELLITE S5.260		
400.05-400.15 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) S5.261 S5.262			400.05-400.15 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) S5.261		

<p>400.15-401 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) S5.263 Space operation (space-to-Earth)</p> <p>S5.262 S5.264</p>	<p>400.15-401 METEOROLOGICAL AIDS (radiosonde) METEOROLOGICAL-SAT- ELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 599B US319 US320 US324 SPACE RESEARCH (space-to-Earth) S5.263 Space operation (space-to-Earth)</p> <p>647B US70</p>	<p>400.15-401 METEOROLOGICAL AIDS (radiosonde) MOBILE-SATELLITE (space-to-Earth) 599B US319 US320 US324 SPACE RESEARCH (space-to-Earth) S5.263 Space operation (space-to-Earth)</p> <p>647B US70</p>	<p>Satellite Communications (25)</p>
<p>401-402 METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile</p>	<p>401-402 METEOROLOGICAL AIDS (radiosonde) SPACE OPERATION (space-to-Earth) Earth exploration-satellite (Earth-to-space) Meteorological-satellite (Earth-to-space)</p> <p>US70</p>		
<p>402-403 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile</p>	<p>402-403 METEOROLOGICAL AIDS (radiosonde) US70 Earth exploration-satellite (Earth-to-space) Meteorological-satellite (Earth-to-space)</p> <p>US345</p>		<p>Personal Radio (95)</p>
<p>403-406 METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile</p>	<p>403-406 METEOROLOGICAL AIDS (radiosonde) US70</p> <p>US345 G6</p>	<p>403-406 METEOROLOGICAL AIDS (radiosonde) US70</p> <p>US345</p>	
<p>406-406.1 MOBILE-SATELLITE (Earth-to-space)</p> <p>S5.266 S5.267</p>	<p>406-406.1 MOBILE-SATELLITE (Earth-to-space)</p> <p>S5.266 S5.267</p>		
<p>406.1-410 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY</p> <p>S5.149</p>	<p>406.1-410 FIXED MOBILE RADIO ASTRONOMY US74</p> <p>US13 US117 G5 G6</p>	<p>406.1-410 RADIO ASTRONOMY US74</p> <p>US13 US117</p>	

410-470 MHz (UHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
410-420 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) S5.268			410-420 FIXED MOBILE US13 G5	410-420 US13	Note: In this manual a primary allocation has been added for SPACE RESEARCH (space-to-space). At this time, the FCC has not adopted this change.
420-430 FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271			420-450 RADIOLOCATION G2 S5.286 US7 US87 US217 US228 US230 G8	420-450 Amateur S5.282 S5.286 US7 US87 US217 US228 US230 NG135	Private Land Mobile (90) Amateur (97)
430-440 AMATEUR RADIOLOCATION S5.138 S5.271 S5.272 S5.273 S5.274 S5.275 S5.276 S5.277 S5.280 S5.281 S5.282 S5.283	430-440 RADIOLOCATION Amateur S5.271 S5.276 S5.277 S5.278 S5.279 S5.281 S5.282				
440-450 FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271 S5.284 S5.285 S5.286					
450-455 FIXED MOBILE S5.209 S5.271 S5.286 S5.286A S5.286B S5.286C S5.286D S5.286E			450-454 S5.286 US87	450-454 LAND MOBILE S5.286 US87 NG112 NG124	Auxiliary Broadcasting (74) Private Land Mobile (90)
455-456 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E			455-456 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E	454-456 454-455 FIXED LAND MOBILE NG12 NG112 NG148 455-456 LAND MOBILE	Public Mobile (22) Maritime (80) Auxiliary Broadcasting (74)

456-459 FIXED MOBILE S5.271 S5.287 S5.288			456-460 S5.288 669	456-460 FIXED LAND MOBILE S5.288 669 NG112 NG124 NG148	Public Mobile (22) Maritime (80) Private Land Mobile (90)
459-460 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E	459-460 FIXED MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C S5.209 S5.271	459-460 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E			
460-470 FIXED MOBILE Meteorological-satellite (space-to-Earth) S5.287 S5.288 S5.289 S5.290			460-470 Meteorological-satellite (space-to-Earth) S5.288 S5.289 669 US201 US209 US216	460-462.5375 FIXED LAND MOBILE S5.289 US201 US209 NG124	Private Land Mobile (90)
				462.5375-462.7375 LAND MOBILE S5.289 US201	Personal Radio (95)
				462.7375-467.5375 FIXED LAND MOBILE S5.289 669 US201 US209 US216 NG124	Private Land Mobile (90)
				467.5375-467.7375 LAND MOBILE S5.289 669 US201	Personal Radio (95)
				467.7375-470 FIXED LAND MOBILE S5.288 S5.289 US201 US216 NG124	Private Land Mobile (90)

470-849 MHz (UHF)

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
470-790 BROADCASTING S5.149 S5.291A S5.294 S5.296 S5.300 S5.302 S5.304 S5.306 S5.311 S5.312	470-512 BROADCASTING Fixed Mobile S5.292 S5.293	470-585 FIXED MOBILE BROADCASTING S5.291 S5.298	470-608	470-512 FIXED BROADCASTING LAND MOBILE NG66 NG114 NG127 NG128 NG149	Public Mobile (22) Broadcast Radio (TV) (73) Auxiliary Broadcasting (74) Private Land Mobile (90)
	512-608 BROADCASTING S5.297	585-610 FIXED MOBILE BROADCASTING RADIONAVIGATION		512-608 BROADCASTING NG128 NG149	Broadcast Radio (TV) (73) Auxiliary Broadcasting (74)
	608-614 RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth-to-space)	S5.149 S5.305 S5.306 S5.307	608-614 RADIO ASTRONOMY US74 US246	Personal (95)	
	614-806 BROADCASTING Fixed Mobile S5.293 S5.309 S5.311	610-890 FIXED MOBILE BROADCASTING S5.149 S5.305 S5.306 S5.307 S5.311 S5.320		614-890	614-698 BROADCASTING NG128 NG149
					698-746 BROADCASTING NG128 NG149
					Note: Band to be reallocated and auctioned by Sept. 30, 2002.

				746-764 FIXED MOBILE BROADCASTING NG128 NG159	Wireless Communications (27) Broadcast Radio (TV) (73) Auxiliary Broadcasting (74) Private Land Mobile (90)
				764-776 FIXED MOBILE NG128 NG158 NG159	Auxiliary Broadcasting (74) Private Land Mobile (90)
790-862 FIXED BROADCASTING				776-794 FIXED MOBILE BROADCASTING NG128 NG159	Wireless Communications (27) Broadcast Radio (TV) (73) Auxiliary Broadcast. (74) Private Land Mobile (90)
S5.312 S5.314 S5.315 S5.316 S5.319 S5.321				794-806 FIXED MOBILE NG128 NG158 NG159	Auxiliary Broadcasting (74) Private Land Mobile (90)
	806-890 FIXED MOBILE BROADCASTING S5.317 S5.318			806-821 FIXED LAND MOBILE NG31 NG63	Public Mobile (22) Private Land Mobile (90)
				821-824 LAND MOBILE NG63	Private Land Mobile (90)
				824-849 FIXED LAND MOBILE NG63 NG151	Public Mobile (22)
See next page for 862-890 MHz				See next page for 849-894 MHz	See next page for 866-896 MHz

849-941 MHz (UHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
See previous pages for 470-862 MHz	See previous pages for 614-890 MHz	See previous pages for 585-890 MHz	See previous pages for 614-890 MHz	See previous pages for 614-849 MHz	See previous pages for 614-849 MHz
				849-851 AERONAUTICAL MOBILE NG63	Public Mobile (22)
				851-866 FIXED LAND MOBILE NG31 NG63	Public Mobile (22) Private Land Mobile (90)
862-890 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 S5.319 S5.323				866-869 LAND MOBILE NG63	Private Land Mobile (90)
				869-894 FIXED LAND MOBILE	Public Mobile (22)
890-942 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 Radiolocation S5.323	890-902 FIXED MOBILE except aeronautical mobile Radiolocation S5.318 S5.325	890-942 FIXED MOBILE BROADCASTING Radiolocation S5.327	890-902 US116 US268 G2	US116 US268 NG63 NG151 894-896 AERONAUTICAL MOBILE US116 US268	
				896-901 FIXED LAND MOBILE US116 US268	Private Land Mobile (90)
				901-902 FIXED MOBILE US116 US268	Personal Communications (24)

	902-928 FIXED Amateur Mobile except aeronautical mobile Radiolocation S5.150 S5.325 S5.326		902-928 RADIOLOCATION G59 S5.150 US215 US218 US267 US275 G11	902-928 S5.150 US215 US218 US267 US275	ISM Equipment (18) Private Land Mobile (90) Amateur (97)
	928-942 FIXED MOBILE except aeronautical mobile Radiolocation S5.325		928-932	928-929 FIXED US116 US215 US268 NG120	Public Mobile (22) Private Land Mobile (90) Fixed Microwave (101)
				929-930 FIXED LAND MOBILE US116 US215 US268	Private Land Mobile (90)
			US116 US215 US268 G2	930-931 FIXED MOBILE US116 US215 US268	Personal Communications (24)
				931-932 FIXED LAND MOBILE US116 US215 US268	Public Mobile (22)
			932-935 FIXED US215 US268 G2	932-935 FIXED US215 US268 NG120	Public Mobile (22) Fixed Microwave (101)
			935-940	935-940 FIXED LAND MOBILE US116 US215 US268 G2	Private Land Mobile (90)
			940-941	940-941 FIXED MOBILE US116 US268 G2	Personal Communications (24)
				US116 US268	
				See next page for 941-944 MHz	See next page for 941-944 MHz

941-1429 MHz (UHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
See previous page for 890-942 MHz	See previous page for 928-942 MHz	See previous page for 890-942 MHz	941-944 FIXED	941-944 FIXED	Public Mobile (22) Fixed Microwave (101)
942-960 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322	942-960 FIXED MOBILE	942-960 FIXED MOBILE BROADCASTING	US268 US301 US302 G2	US268 US301 US302 NG120	
S5.323		S5.320	944-960	944-960 FIXED NG120	Public Mobile (22) International Fixed (23) Auxiliary Broadcast. (74) Fixed Microwave (101)
960-1215 AERONAUTICAL RADIONAVIGATION S5.328			960-1215 AERONAUTICAL RADIONAVIGATION S5.328 US224		Aviation (87)
1215-1240 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) S5.329 SPACE RESEARCH (active) S5.330 S5.331 S5.332			1215-1240 RADIOLOCATION S5.333 G56 RADIONAVIGATION-SATELLITE (space-to-Earth)	1215-1240 S5.333	
1240-1260 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) S5.329 SPACE RESEARCH (active) Amateur S5.330 S5.331 S5.332 S5.334 S5.335			1240-1300 RADIOLOCATION S5.333 G56	1240-1300 Amateur	Amateur (97)
1260-1300 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Amateur S5.282 S5.330 S5.331 S5.332 S5.334 S5.335			S5.334	S5.282 S5.333 S5.334	

1300-1350 AERONAUTICAL RADIONAVIGATION S5.337 Radiolocation S5.149		1300-1350 AERONAUTICAL RADIO- NAVIGATION S5.337 Radiolocation G2 S5.149	1300-1350 AERONAUTICAL RADIO- NAVIGATION S5.337 S5.149	Aviation (87)
1350-1400 FIXED MOBILE RADIOLOCATION S5.149 S5.338 S5.339	1350-1400 RADIOLOCATION S5.149 S5.334 S5.339	1350-1390 RADIOLOCATION G2 Fixed Mobile S5.149 S5.334 S5.339 US311 G27 G114	1350-1390 S5.149 S5.334 S5.339	
		1390-1400 RADIOLOCATION G2 Fixed Mobile S5.149 US311 S5.339 G27 G114	1390-1400 S5.149 S5.339	Note: 1390-1400 MHz became non-Federal government exclusive spectrum in January 1999
1400-1427 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.341		1400-1427 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) S5.341 US246		
1427-1429 SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile S5.341		1427-1429 SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile S5.341 G30	1427-1429 SPACE OPERATION (Earth-to-space) Fixed (telemetry) Land mobile (telemetry and telecommand) S5.341	Satellite Communications (25) Private Land Mobile (90) Note: 1427-1429 MHz became non-Federal government exclusive spectrum in January 1999

1429-1610 MHz (UHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
1429-1452 FIXED MOBILE except aeronautical mobile S5.341 S5.342	1429-1452 FIXED MOBILE S5.343 S5.341		1429-1435 FIXED MOBILE S5.341 G30	1429-1435 Fixed (telemetry) Land mobile (telemetry and telecommand) S5.341	Private Land Mobile (90) Note: In January 1999, 1429-1432 MHz became non-Federal government exclusive spectrum and 1432-1435 MHz became mixed-use spectrum
1452-1492 FIXED MOBILE except aeronautical mobile BROADCASTING S5.345 S5.347 BROADCASTING- SATELLITE S5.345 S5.347 S5.341 S5.342	1452-1492 FIXED MOBILE S5.343 BROADCASTING S5.345 S5.347 BROADCASTING-SATELLITE S5.345 S5.347 S5.341 S5.344		1435-1525 MOBILE (aeronautical telemetry) S5.341 US78		Aviation (87)
1492-1525 FIXED MOBILE except aeronautical mobile S5.341 S5.342	1492-1525 FIXED MOBILE S5.343 MOBILE-SATELLITE (space-to-Earth) S5.348A S5.341 S5.344 S5.348	1492-1525 FIXED MOBILE S5.341 S5.348A			
1525-1530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Mobile except aeronautical mobile S5.349 S5.341 S5.342 S5.350 S5.351 S5.352A S5.354	1525-1530 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Fixed Mobile S5.343 S5.341 S5.351 S5.354	1525-1530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Mobile S5.349 S5.341 S5.351 S5.352A S5.354	1525-1530 MOBILE-SATELLITE (space-to-Earth) Mobile (aeronautical telemetry) S5.341 S5.351 US78		Satellite Communications (25) Aviation (87)

1530-1535 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.353A Earth exploration-satellite Fixed Mobile except aeronautical mobile S5.341 S5.342 S5.351 S5.354	1530-1535 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.353A Earth exploration-satellite Fixed Mobile S5.343 S5.341 S5.351 S5.354	1530-1535 MOBILE-SATELLITE (space-to-Earth) MARITIME MOBILE-SATELLITE (space-to-Earth) Mobile (aeronautical telemetry) S5.341 S5.351 US78 US315	
1535-1559 MOBILE-SATELLITE (space-to-Earth) S5.341 S5.351 S5.353A S5.354 S5.355 S5.356 S5.357 S5.357A S5.359 S5.362A		1535-1544 MOBILE-SATELLITE (space-to-Earth) MARITIME MOBILE-SATELLITE (space-to-Earth) S5.341 S5.351 US315 1544-1545 MOBILE-SATELLITE (space-to-Earth) S5.341 S5.356 1545-1549.5 AERONAUTICAL MOBILE-SATELLITE (R) (space-to-Earth) Mobile-satellite (space-to-Earth) S5.341 S5.351 US308 US309 1549.5-1558.5 AERONAUTICAL MOBILE-SATELLITE (R) (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.341 S5.351 US308 US309 1558.5-1559 AERONAUTICAL MOBILE-SATELLITE (R) (space-to-Earth) S5.341 S5.351 US308 US309	Satellite Communications (25) Maritime (80) Aviation (87) Note: Footnote G126 states DGPS stations may be authorized on a primary basis in the 1559-1610 MHz band, but the FCC has not yet adopted this footnote.
1559-1610 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) S5.341 S5.355 S5.359 S5.363		1559-1610 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) S5.341 US208 US260 G126	

1610-1670 MHz (UHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
1610-1610.6 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION S5.341 S5.355 S5.359 S5.363 S5.364 S5.366 S5.367 S5.368 S5.369 S5.371 S5.372	1610-1610.6 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to- space) S5.341 S5.364 S5.366 S5.367 S5.368 S5.370 S5.372	1610-1610.6 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Radiodetermination-Satellite (Earth-to-space) S5.341 S5.355 S5.359 S5.364 S5.366 S5.367 S5.368 S5.369 S5.372	1610-1610.6 MOBILE-SATELLITE (Earth-to-space) US319 AERONAUTICAL RADIONAVIGATION US260 RADIODETERMINATION-SATELLITE(Earth-to-space) S5.341 S5.364 S5.366 S5.367 S5.368 S5.372 US208	Satellite Communications (25) Aviation (87) Satellite Communications (25) Maritime (80)	
1610.6-1613.8 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION S5.149 S5.341 S5.355 S5.359 S5.363 S5.364 S5.366 S5.367 S5.368 S5.369 S5.371 S5.372	1610.6-1613.8 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to- space) S5.149 S5.341 S5.364 S5.366 S5.367 S5.368 S5.370 S5.372	1610.6-1613.8 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space) S5.149 S5.341 S5.355 S5.359 S5.364 S5.366 S5.367 S5.368 S5.369 S5.372	1610.6-1613.8 MOBILE-SATELLITE (Earth-to-space) US319 RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION US260 RADIODETERMINATION-SATELLITE (Earth-to-space) S5.341 S5.364 S5.366 S5.367 S5.368 S5.372 US208		
1613.8-1626.5 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) S5.341 S5.355 S5.359 S5.363 S5.364 S5.365 S5.366 S5.367 S5.368 S5.369 S5.371 S5.372	1613.8-1626.5 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to- space) Mobile-satellite (space-to- Earth) S5.341 S5.364 S5.365 S5.366 S5.367 S5.368 S5.370 S5.372	1613.8-1626.5 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to- Earth) Radiodetermination- satellite (Earth-to-space) S5.341 S5.355 S5.359 S5.364 S5.365 S5.366 S5.367 S5.368 S5.369 S5.372	1613.8-1626.5 MOBILE-SATELLITE (Earth-to-space) US319 AERONAUTICAL RADIONAVIGATION US260 RADIODETERMINATION-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth) S5.341 S5.364 S5.365 S5.366 S5.367 S5.368 S5.372 US208		
1626.5-1660 MOBILE-SATELLITE (Earth-to-space) S5.341 S5.351 S5.353A S5.354 S5.355 S5.357A S5.359 S5.362A S5.374 S5.375 S5.376			1626.5-1645.5 MOBILE-SATELLITE (Earth-to-space) MARITIME MOBILE-SATELLITE (Earth-to-space) S5.341 S5.351 US315		

	1645.5-1646.5 MOBILE-SATELLITE (Earth-to-space) S5.341 S5.375	
	1646.5-1651 AERONAUTICAL MOBILE-SATELLITE (R) (Earth-to-space) Mobile-satellite (Earth-to-space) S5.341 S5.351 US308 US309	Aviation (87)
	1651-1660 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL MOBILE-SATELLITE (R) (Earth-to-space) S5.341 S5.351 US308 US309	
1660-1660.5 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY S5.149 S5.341 S5.351 S5.354 S5.362A S5.376A	1660-1660.5 AERONAUTICAL MOBILE-SATELLITE (R) (Earth-to-space) RADIO ASTRONOMY S5.149 S5.341 S5.351 US308 US309	
1660.5-1668.4 RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile S5.149 S5.341 S5.379 S5.379A	1660.5-1668.4 RADIO ASTRONOMY US74 SPACE RESEARCH (passive) S5.341 US246	
1668.4-1670 METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149 S5.341	1668.4-1670 METEOROLOGICAL AIDS (radiosonde) RADIO ASTRONOMY US74 S5.149 S5.341 US99	

1670-2110 MHz (UHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
1670-1675 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE S5.380 S5.341			1670-1675 METEOROLOGICAL AIDS (radiosonde) METEOROLOGICAL-SATELLITE (space-to-Earth) S5.341 US211		Note: 1670-1675 MHz became mixed-use spectrum in January 1999
1675-1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SAT- ELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.341	1675-1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SAT- ELLITE (space-to-Earth) MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) S5.341 S5.377	1675-1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SAT- ELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.341	1675-1700 METEOROLOGICAL AIDS (radiosonde) METEOROLOGICAL-SATELLITE (space-to-Earth) S5.289 S5.341 US211		
1690-1700 METEOROLOGICAL AIDS METEOROLOGICAL-SAT- ELLITE (space-to-Earth) Fixed Mobile except aeronautical mobile S5.289 S5.341 S5.382	1690-1700 METEOROLOGICAL AIDS METEOROLOGICAL-SAT- ELLITE (space-to-Earth) MOBILE-SATELLITE (Earth-to-space) S5.289 S5.341 S5.377 S5.381	1690-1700 METEOROLOGICAL AIDS METEOROLOGICAL-SAT- ELLITE (space-to-Earth) S5.289 S5.341 S5.381			
1700-1710 FIXED METEOROLOGICAL-SAT- ELLITE (space- to-Earth) MOBILE except aeronautical mobile S5.289 S5.341	1700-1710 FIXED METEOROLOGICAL-SAT- ELLITE (space-to-Earth) MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth- to-space) S5.289 S5.341 S5.377	1700-1710 FIXED METEOROLOGICAL-SAT- ELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.289 S5.341 S5.384	1700-1710 FIXED G118 METEOROLOGICAL-SAT- ELLITE (space-to-Earth) S5.289 S5.341	1700-1710 METEOROLOGICAL-SAT- ELLITE (space-to-Earth) Fixed S5.289 S5.341	
1710-1930 FIXED MOBILE S5.380 S5.149 S5.341 S5.385 S5.386 S5.387 S5.388			1710-1755 FIXED MOBILE S5.341 US256	1710-1755 S5.341 US256	Note: Proceeds from the auction of the 1710-1755 MHz mixed-use band are to be deposited not later than September 30, 2002.

			1755-1850 FIXED MOBILE	1755-1850	
			G42		
1930-1970 FIXED MOBILE	1930-1970 FIXED MOBILE Mobile-satellite (Earth-to-space)	1930-1970 FIXED MOBILE	1850-1990	1850-1990 FIXED MOBILE	RF Devices (15) Personal Communications (24) Fixed Microwave (101)
S5.388	S5.388	S5.388			
1970-1980 FIXED MOBILE					
S5.388					
1980-2010 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)			1990-2025	1990-2025 MOBILE-SATELLITE (Earth-to-space)	Satellite Communications (25) Auxiliary Broadcasting (74) Cable TV Relay (78)
S5.388 S5.389A S5.389B S5.389F					
2010-2025 FIXED MOBILE	2010-2025 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)	2010-2025 FIXED MOBILE	US111	US111	
S5.388	S5.388 S5.389C S5.389D S5.389E S5.390	S5.388			
2025-2110 SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE S5.391 SPACE RESEARCH (Earth-to-space) (space-to-space)			2025-2110	2025-2110 FIXED MOBILE	Auxiliary Broadcasting (74) Cable TV Relay (78)
S5.392			US90 US111 US219 US222	US90 US111 US219 US222 NG23 NG118	

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
2110-2120 FIXED MOBILE SPACE RESEARCH (deep space) (Earth-to-space) S5.388			2110-2130 US111 US252	2110-2130 FIXED MOBILE US111 US252 NG23 NG118	Public Mobile (22) Auxiliary Broadcasting (74) Cable TV Relay (78) Fixed Microwave (101) Note: 2110-2150 MHz must be auctioned by September 30, 2002.
2120-2160 FIXED MOBILE S5.388	2120-2160 FIXED MOBILE Mobile-satellite (space-to-Earth) S5.388	2120-2160 FIXED MOBILE S5.388	2130-2200	2130-2150 FIXED MOBILE NG23 NG153	Public Mobile (22) Fixed Microwave (101)
2160-2170 FIXED MOBILE S5.388 S5.392A	2160-2170 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) S5.388 S5.389C S5.389D S5.389E S5.390	2160-2170 FIXED MOBILE S5.388		2150-2160 FIXED NG23	Domestic Public Fixed (21) Fixed Microwave (101)
2170-2200 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) S5.388 S5.389A S5.389F S5.392A				2160-2165 FIXED MOBILE NG23 NG153	Domestic Public Fixed (21) Public Mobile (22) Fixed Microwave (101)
				2165-2200 MOBILE-SATELLITE (space-to-Earth) NG23	Public Mobile (22) Satellite Communications (25) Fixed Microwave (101)

2200-2290 SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE S5.391 SPACE RESEARCH (space-to-Earth) (space-to-space) S5.392		2200-2290 SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION- SATELLITE (space-to- Earth) (space-to-space) FIXED (line-of-sight only) MOBILE (line-of-sight only including aeronautical telemetry, but excluding flight testing of manned aircraft) SPACE RESEARCH (space-to- Earth) (space-to-space) S5.392 US303	2200-2290 US303	
2290-2300 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)		2290-2300 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)	2290-2300 SPACE RESEARCH (deep space) (space-to-Earth)	
2300-2450 FIXED MOBILE Amateur Radiolocation S5.150 S5.282 S5.395	2300-2450 FIXED MOBILE RADIOLOCATION Amateur S5.150 S5.282 S5.393 S5.394 S5.396	2300-2305 G123	2300-2305 Amateur	Amateur (97) Note: 2300-2305 MHz became non-Federal government exclusive spectrum in August 1995
		2305-2310 US338 G123	2305-2310 FIXED MOBILE except aeronautical mobile RADIOLOCATION Amateur US338	Wireless Comm (27) Amateur (97)
		2310-2360 Fixed Mobile US339 Radiolocation G2 S5.396 US327 US328 G120	2310-2320 FIXED MOBILE US339 RADIOLOCATION BROADCASTING- SATELLITE US327 S5.396 US338	Wireless Communications (27)
			2320-2345 BROADCASTING- SATELLITE US327 Mobile US276 US328 S5.396	
		See next page	See next page	See next page

2345-2655 MHz (UHF)

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
See previous page for 2300-2450 MHz			See previous page for 2310-2360 MHz	2345-2360 FIXED MOBILE US339 RADIOLOCATION BROADCASTING- SATELLITE US327 S5.396	Wireless Communications (27)
			2360-2385 MOBILE US276 RADIOLOCATION G2 Fixed G120	2360-2385 MOBILE US276	
			2385-2390 MOBILE US276 RADIOLOCATION G2 Fixed G120	2385-2390 MOBILE US276	Note: 2385-2390 MHz will become non-Federal government exclusive spectrum in January 2005
			2390-2400 G122	2390-2400 AMATEUR	RF Devices (15) Amateur (97)
			2400-2402 S5.150 G123	2400-2402 Amateur S5.150 S5.282	ISM Equipment (18) Amateur (97)
			2402-2417 S5.150 G122	2402-2417 AMATEUR S5.150 S5.282	RF Devices (15) ISM Equipment (18) Amateur (97)
			2417-2450 Radiolocation G2 S5.150 G124	2417-2450 Amateur S5.150 S5.282	ISM Equipment (18) Amateur (97)
2450-2483.5 FIXED MOBILE Radiolocation S5.150 S5.397	2450-2483.5 FIXED MOBILE RADIOLOCATION S5.150 S5.394		2450-2483.5 S5.150 US41	2450-2483.5 FIXED MOBILE Radiolocation S5.150 US41	ISM Equipment (18) Private Land Mobile (90) Fixed Microwave (101)

2483.5-2500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) Radiolocation S5.150 S5.371 S5.397 S5.398 S5.399 S5.400 S5.402	2483.5-2500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) RADIOLOCATION RADIODETERMINATION- SATELLITE (space-to- Earth) S5.398 S5.150 S5.402	2483.5-2500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) RADIOLOCATION Radiodetermination-satellite (space-to-Earth) S5.398 S5.150 S5.400 S5.402	2483.5-2500 MOBILE-SATELLITE (space-to-Earth) US319 RADIODETERMINATION- SATELLITE (space-to- Earth) S5.398 S5.150 753F US41	2483.5-2500 MOBILE-SATELLITE (space-to-Earth) US319 RADIODETERMINATION- SATELLITE (space-to- Earth) S5.398 S5.150 753F US41 NG147	ISM Equipment (18) Satellite Communications (25) Private Land Mobile (90) Fixed Microwave (101)
2500-2520 FIXED S5.409 S5.410 S5.411 MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) S5.403 S5.405 S5.407 S5.408 S5.412 S5.414	2500-2520 FIXED S5.409 S5.411 FIXED-SATELLITE (space-to-Earth) S5.415 MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) S5.403 S5.404 S5.407 S5.414 S5.415A		2500-2655 S5.339 US205 US269	2500-2655 FIXED S5.409 S5.411 US205 FIXED-SATELLITE (space-to-Earth) NG102 BROADCASTING- SATELLITE NG101 S5.339 US269	Domestic Public Fixed (21) Auxiliary Broadcasting (74)
2520-2655 FIXED S5.409 S5.410 S5.411 MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.413 S5.416 S5.339 S5.403 S5.405 S5.408 S5.412 S5.417 S5.418	2520-2655 FIXED S5.409 S5.411 FIXED-SATELLITE (space-to-Earth) S5.415 MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.413 S5.416 S5.339 S5.403	2520-2535 FIXED S5.409 S5.411 FIXED-SATELLITE (space-to-Earth) S5.415 MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.413 S5.416 S5.403 S5.415A 2535-2655 FIXED S5.409 S5.411 MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.413 S5.416 S5.339 S5.418	2500-2655 S5.339 US205 US269	2500-2655 FIXED S5.409 S5.411 US205 FIXED-SATELLITE (space-to-Earth) NG102 BROADCASTING- SATELLITE NG101 S5.339 US269	Domestic Public Fixed (21) Auxiliary Broadcasting (74)

2655-3700 MHz (UHF/SHF)

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
2655-2670 FIXED S5.409 S5.410 S5.411 MOBILE except aeronautical mobile BROADCASTING-SATELLITE S5.413 S5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive)	2655-2670 FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) S5.415 MOBILE except aeronautical mobile BROADCASTING-SATELLITE S5.413 S5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive)	2655-2670 FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) S5.415 MOBILE except aeronautical mobile BROADCASTING-SATELLITE S5.413 S5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive)	2655-2690 Earth exploration-satellite (passive) Radio astronomy Space research (passive)	2655-2690 FIXED US205 NG47 FIXED-SATELLITE (Earth-to-space) NG102 BROADCASTING-SATELLITE NG101 Earth exploration-satellite (passive) Radio astronomy Space research (passive)	
S5.149 S5.412 S5.417 S5.420	S5.149 S5.420	S5.149 S5.420			
2670-2690 FIXED S5.409 S5.410 S5.411 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive)	2670-2690 FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) S5.415 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive)	2670-2690 FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) S5.415 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive)		US269	
S5.149 S5.419 S5.420	S5.149 S5.419 S5.420	S5.149 S5.419 S5.420 S5.420A	US205 US269		
2690-2700 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.421 S5.422			2690-2700 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) US246		
2700-2900 AERONAUTICAL RADIONAVIGATION S5.337 Radiolocation S5.423 S5.424			2700-2900 AERONAUTICAL RADIO-NAVIGATION S5.337 METEOROLOGICAL AIDS Radiolocation G2 S5.423 US18 G15	2700-2900 S5.423 US18	

2900-3100 RADIONAVIGATION S5.426 Radiolocation S5.425 S5.427		2900-3100 MARITIME RADIONAVIGATION Radiolocation G56 S5.427 US44 US316		2900-3100 MARITIME RADIONAVIGATION Radiolocation S5.5427 US44 US316		Maritime (80)			
3100-3300 RADIOLOCATION Earth exploration-satellite (active) Space research (active) S5.149 S5.428		3100-3300 RADIOLOCATION S5.333 US110 G59 S5.149		3100-3300 Radiolocation S5.333 US110 S5.149					
3300-3400 RADIOLOCATION S5.149 S5.429 S5.430		3300-3400 RADIOLOCATION Amateur Fixed Mobile S5.149 S5.430	3300-3400 RADIOLOCATION Amateur S5.149 S5.429	3300-3500 RADIOLOCATION US108 G31 S5.149		3300-3500 Amateur Radiolocation US108 S5.149 S5.282		Amateur (97)	
3400-3600 FIXED FIXED-SATELLITE (space-to-Earth) Mobile Radiolocation S5.431		3400-3500 FIXED FIXED-SATELLITE (space-to-Earth) Amateur Mobile Radiolocation S5.433 S5.282 S5.432		3500-3650 RADIOLOCATION US110 G59 AERONAUTICAL RADIONAVIGATION (ground-based) G110 US245		3500-3600 Radiolocation US110 3600-3650 FIXED-SATELLITE (space-to-Earth) US245 Radiolocation US110			
3600-4200 FIXED FIXED-SATELLITE (space-to-Earth) Mobile		3500-3700 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation S5.433 S5.435		3650-3700 RADIOLOCATION US110 G59 AERONAUTICAL RADIONAVIGATION (ground-based) G110 US245		3650-3700 FIXED-SATELLITE (space-to-Earth) US245 Radiolocation US110		Note: 3650-3700 MHz became mixed-use spectrum in January 1999	
		See next page for 3700-4200 MHz		See next page for 3700-4200 MHz					

3700-5650 MHz (SHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
See previous page for 3600-4200 MHz	3700-4200 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile		3700-4200	3700-4200 FIXED NG41 FIXED-SATELLITE (space-to-Earth)	International Fixed (23) Satellite Communications (25) Fixed Microwave (101)
4200-4400 AERONAUTICAL RADIONAVIGATION S5.438 S5.437 S5.439 S5.440			4200-4400 AERONAUTICAL RADIONAVIGATION S5.440 US261		Aviation (87)
4400-4500 FIXED MOBILE			4400-4500 FIXED MOBILE	4400-4500	
4500-4800 FIXED FIXED-SATELLITE (space-to-Earth) S5.441 MOBILE			4500-4800 FIXED MOBILE US245	4500-4800 FIXED-SATELLITE (space-to-Earth) US245	
4800-4990 FIXED MOBILE S5.442 Radio astronomy S5.149 S5.339 S5.443			4800-4940 FIXED MOBILE S5.149 US203 4940-4990 FIXED MOBILE S5.149 S5.339 US257	4800-4940 S5.149 US203 4940-4990	Note: 4940-4990 MHz became non-Federal government exclusive spectrum in March 1999
4990-5000 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive) S5.149			4990-5000 RADIO ASTRONOMY US74 Space research (passive) US246		
5000-5150 AERONAUTICAL RADIONAVIGATION S5.367 S5.444 S5.444A			5000-5250 AERONAUTICAL RADIONAVIGATION US260		Satellite Communications (25) Aviation (87)

5150-5250 AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) S5.447A S5.446 S5.447 S5.447B S5.447C	S5.446 733 796 797 US211 US307 G126		Note: Footnote G126 states DGPS stations may be authorized on a primary basis in the 5000-5150 MHz band, but the FCC has not yet adopted this footnote.
5250-5255 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH S5.447D S5.448 S5.448A	5250-5350 RADIOLOCATION S5.333 US110 G59	5250-5350 Radiolocation S5.333 US110	
5255-5350 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.448 S5.448A			
5350-5460 EARTH EXPLORATION-SATELLITE (active) S5.448B AERONAUTICAL RADIONAVIGATION S5.449 Radiolocation	5350-5460 AERONAUTICAL RADIO- NAVIGATION S5.449 RADIOLOCATION G56 US48	5350-5460 AERONAUTICAL RADIO- NAVIGATION S5.449 Radiolocation US48	Aviation (87)
5460-5470 RADIONAVIGATION S5.449 Radiolocation	5460-5470 RADIONAVIGATION S5.449 Radiolocation G56 US49 US65	5460-5470 RADIONAVIGATION S5.449 Radiolocation US49 US65	
5470-5650 MARITIME RADIONAVIGATION Radiolocation S5.450 S5.451 S5.452	5470-5600 MARITIME RADIONAVIGATION Radiolocation G56 US50 US65	5470-5600 MARITIME RADIONAVIGATION Radiolocation US50 US65	Maritime (80)
5600-5650 MARITIME RADIONAVIGATION METEOROLOGICAL AIDS Radiolocation US51 G56 S5.452 US65	5600-5650 MARITIME RADIONAVIGATION METEOROLOGICAL AIDS Radiolocation US51 S5.452 US65		

5650-7250 MHz (SHF)

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
5650-5725 RADIOLOCATION Amateur Space research (deep space) S5.282 S5.451 S5.453 S5.454 S5.455			5650-5925 RADIOLOCATION G2 S5.150 US245		5650-5830 Amateur S5.150 S5.282 5830-5850 Amateur Amateur-satellite (space-to-Earth) S5.150
5725-5830 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur S5.150 S5.451 S5.453 S5.455 S5.456	5725-5830 RADIOLOCATION Amateur S5.150 S5.453 S5.455				
5830-5850 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) S5.150 S5.451 S5.453 S5.455 S5.456	5830-5850 RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) S5.150 S5.453 S5.455				
5850-5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE S5.150	5850-5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Amateur Radiolocation S5.150	5850-5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation S5.150	5850-5925 FIXED-SATELLITE (Earth-to-space) US245 MOBILE NG160 Amateur S5.150		ISM Equipment (18) Private Land Mobile (90) Amateur (97)
5925-6700 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE			5925-6425 5925-6425 FIXED NG41 FIXED-SATELLITE (Earth-to-space)		

S5.149 S5.440 S5.458	6425-6525 S5.440 S5.458	6425-6525 FIXED-SATELLITE (Earth-to-space) MOBILE S5.440 S5.458	Auxiliary Broadcasting (74) Cable TV Relay (78) Fixed Microwave (101)
6700-7075 FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) S5.441 MOBILE S5.458 S5.458A S5.458B S5.458C	6525-6875 S5.458	6525-6875 FIXED FIXED-SATELLITE (Earth-to-space) S5.441 S5.458	Satellite Communications (25) Fixed Microwave (101)
7075-7250 FIXED MOBILE S5.458 S5.459 S5.460	6875-7125 S5.458	6875-7075 FIXED FIXED-SATELLITE (Earth-to-space) S5.441 MOBILE S5.458 NG118 7075-7125 FIXED MOBILE S5.458 NG118	Auxiliary Broadcasting (74) Cable TV Relay (78)
	7125-7190 FIXED S5.458 US252 G116	7125-7190 S5.458 US252	
	7190-7235 FIXED SPACE RESEARCH (Earth-to-space) S5.458	7190-7250 S5.458	
	7235-7250 FIXED S5.458		

International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
7250-7300 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE S5.461			7250-7300 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Fixed G117	7250-8025	
7300-7450 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.461			7300-7450 FIXED FIXED-SATELLITE (space-to-Earth) Mobile-satellite (space-to-Earth) G117		
7450-7550 FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.461A			7450-7550 FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SAT- ELLITE (space-to-Earth) Mobile-satellite (space-to-Earth) G104 G117		
7550-7750 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile			7550-7750 FIXED FIXED-SATELLITE (space-to-Earth) Mobile-satellite (space-to-Earth) G117		
7750-7850 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) S5.461B MOBILE except aeronautical mobile			7750-7900 FIXED		
7850-7900 FIXED MOBILE except aeronautical mobile					

8215-10000 MHz (SHF)					
International Table			United States Table		Remarks
Region 1	Region 2	Region 3	Federal Government	Non-Federal Government	
8215-8400 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE S5.463 S5.462A			8215-8400 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) Mobile-satellite (Earth-to-space) (no airborne transmissions) US258 G117	8215-8400 US258	
8400-8500 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) S5.465 S5.466 S5.467			8400-8450 FIXED SPACE RESEARCH (space-to-Earth) (deep space only) 8450-8500 FIXED SPACE RESEARCH (space-to-Earth)	8400-88450 8450-8500 SPACE RESEARCH (space-to-Earth)	
8500-8550 RADIOLOCATION S5.468 S5.469			8500-9000 RADIOLOCATION S5.333 US110 G59 US53	8500-9000 Radiolocation S5.333 US110 US53	
8550-8650 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.468 S5.469 S5.469A					
8650-8750 RADIOLOCATION S5.468 S5.469					
8850-9000 RADIOLOCATION MARITIME RADIONAVIGATION S5.472 S5.473					
9000-9200 AERONAUTICAL RADIONAVIGATION S5.337 Radiolocation S5.471					

9200-9300 RADIOLOCATION MARITIME RADIONAVIGATION S5.472 S5.473 S5.474	9200-9300 MARITIME RADIO- NAVIGATION S5.472 Radiolocation US110 G59 S5.474	9200-9300 MARITIME RADIO- NAVIGATION S5.472 Radiolocation US110 S5.474	
9300-9500 RADIONAVIGATION S5.476 Radiolocation S5.427 S5.474 S5.475	9300-9500 RADIONAVIGATION S5.476 US66 Radiolocation US51 G56 Meteorological aids S5.427 S5.474 US67 US71	9300-9500 RADIONAVIGATION S5.476 US66 Radiolocation US51 Meteorological aids S5.427 S5.474 US67 US71	
9500-9800 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active) S5.476A	9500-10000 RADIOLOCATION S5.333 US110 S5.479	9500-10000 Radiolocation S5.333 US110 S5.479	
9800-10000 RADIOLOCATION Fixed S5.477 S5.478 S5.479			