

**Selected U.S. Radio Frequency Allocations and Applications  
70 MHz to 700 MHz**

		70 MHz	100 MHz	200 MHz	400 MHz	700 MHz
<b>Amateur Radio</b>			144-148	216-220, 222-225	420-450	
<b>Aeronautical</b>	Aviation	74.8-75.2	108-137	328.6-335.4		
	Commercial Aviation Air-Ground Systems					
	General Aviation Air-Ground Radio Telephone				454-455, 459-460	
<b>Broadcast</b>	Auxiliary		161.625-161.775		450-451, 455-456	
	Cable TV Relay					
	FM Radio	88-99	100-108			
	National Weather Service		162.0125-173.2			
	Television	76-88	174-216		470-608	614-806
<b>Cellular Telephone</b>						
<b>Emergency</b>	Position Indicating Radio Beacons			235-267	406-406.1	
	Locator Transmitters		117.975-121.9375	235-267		
<b>Fixed Microwave</b>	Private and Public					
<b>General Wireless Communications Service</b>						
<b>Industrial, Scientific and Medical</b>	Devices/Unlicensed Communication Devices					
<b>Location and Monitoring Services</b>						
<b>Maritime Mobile Services</b>			156.2475-157.45, 161.575-161.625, 161.775-162.0125			
<b>Medical Telemetry</b>			174-216		460-668	
<b>Microwave Ovens</b>						
<b>Mobile Radio</b>	Private	72-73, 74.6-74.8, 75.2-76	150.05-156.2475, 157.1875-161.575, 162.0125-173.4	220-222	421-430, 451-454, 456-459, 460-512	746-824
	Specialized (SMRS)					
<b>Multiple Address Systems</b>						
<b>Multipoint Distribution &amp; Instructional TV Fixed</b>						
<b>Paging &amp; Radiotelephone Service</b>			152-152.255, 152.495-152.855, 157.755-158.115		454-455, 459-460	
<b>Personal Communications</b>	Broadband					
	Narrowband					
	Unlicensed					
<b>Personal Radio Services</b>	Family Radio				462.5375-462.7375, 467.5375-467.7375	
	General Mobile Radio				462.5375-462.7375, 467.5375-467.7375	
	Low Power Radio			216-220		
	Radio Control	72-73, 75.2-76				
	218-219 MHz Service (Interactive Video & Data)			218-219		
<b>Radar</b>				216-220, 235-267	406.1-450	
<b>Rural Radiotelephone</b>			152-159		454-460	
<b>RFID</b>	Dedicated Short Range Communications and Radio ID Devices					
<b>Satellite Services</b>	Digital Audio Radio					
	Geostationary Fixed					
	Geostationary Mobile					
	Global Positioning Systems (GPS)					
	Non-Geostationary Mobile					
	Non-Geostationary Mobile Non-Voice		137-138, 148-150.05	400.15-401, 455- 456, 459-460		
<b>Unlicensed National Information Infrastructure</b>						
<b>Vehicle Recovery Systems</b>			162.0125-173.2			
<b>Wireless Communications Service</b>						746-764, 776-794*

\*Frequency allocations pending

**Selected U.S. Radio Frequency Allocations and Applications  
800 MHz to 5 GHz**

		800 MHz	900 MHz	1000 MHz	2000 MHz	3 GHz	5 GHz
<b>Amateur Radio</b>			902-928	1240-1300	2300-2305, 2390-2450	3.3-3.5	5.65-5.925
<b>Aeronautical</b>	Aviation		960-1.215	1427-1525	2200-2290, 2310- 2320, 2345-2390		
	Commercial Aviation Air-Ground Systems	849-851, 894-896					
	General Aviation Air-Ground Radio Telephone						
<b>Broadcast</b>	Auxiliary		941.5-944		2450-2500		6.425-6.525
	Cable TV Relay						6.425-6.525
	FM Radio						
	National Weather Service						
	Television						
<b>Cellular Telephone</b>		824-849, 869-894					
<b>Emergency</b>	Position Indicating Radio Beacons						
	Locator Transmitters						
<b>Fixed Microwave</b>	Private and Public		928-929, 932-935, 941-960	1850-1990	2110-2220, 2450-2690	3.7-4.2	5.925-6.875
<b>General Wireless Communications Service</b>						4.5-4.66* 4.66-4.685*	
<b>Industrial, Scientific and Medical</b>	Devices/Unlicensed Communication Devices		902-928		2450-2500		5.725-5.875
<b>Location and Monitoring Services</b>			902-928				
<b>Maritime Mobile Services</b>							
<b>Medical Telemetry</b>							
<b>Microwave Ovens</b>					2400-2483.5		
<b>Mobile Radio</b>	Private	851-869, 896-901	935-940				
	Specialized (SMRS)	806-821, 851-866, 896-901	935-940				
<b>Multiple Address Systems</b>			928-929, 932-935, 944-960				
<b>Multipoint Distribution &amp; Instructional TV Fixed</b>					2150-2160, 2500-2690		
<b>Paging &amp; Radiotelephone Service</b>			929-930, 931-932				
<b>Personal Communications</b>	Broadband			1850-1990			
	Narrowband		901-902, 930-931, 940-941				
	Unlicensed			1910-1930	2390-2400		
<b>Personal Radio Services</b>	Family Radio						
	General Mobile Radio						
	Low Power Radio						
	Radio Control						
	218-219 MHz Service (Interactive Video & Data)						
<b>Radar</b>			902-928, 960-1215	1215-2290	2320-2345, 2360- 2390, 2700-3100	3.1-3.7	5-5.47, 5.6-5.925, 8.5-10
<b>Rural Radiotelephone</b>							
<b>RFID</b>	Dedicated Short Range Communications and Radio ID Devices		902-928		2400-2500		5.85-5.925*
<b>Satellite Services</b>	Digital Audio Radio				2320-2345		
	Geostationary Fixed					3.7-4.2	
	Geostationary Mobile			1525-1559, 1626.5-1660.5			
	Global Positioning Systems (GPS)			1215-1240, 1350- 1400, 1559-1610			
	Non-Geostationary Mobile			1610-1626.5	2483.5-2500		5.091-5.25* 6.7-7.075*
	Non-Geostationary Mobile Non-Voice						
<b>Unlicensed National Information Infrastructure</b>							5-5.35, 5.65-5.85
<b>Vehicle Recovery Systems</b>							
<b>Wireless Communications Service</b>					2305-2320, 2345-2360		

\*Frequency allocations pending