

International table			United States table		FCC use designators	
Region 1—allocation GHz	Region 2—allocation GHz	Regional 3—allocation GHz	Government allocation GHz	Non-Government allocation GHz	Rule part(s)	Special-use frequencies
(1)	(2)	(3)	(4)	(5)	(6)	(7)
* 7.7–18.1 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869 MOBILE	* 17.7–18.1 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869 MOBILE	* 17.7–18.1 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869 MOBILE	* 17.8–18.6	* 17.8–18.6 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	* AUXILIARY BROADCASTING (74) CABLE TELEVISION RELAY (78) DOMESTIC PUBLIC FIXED (21) PRIVATE OPERATIONAL-FIXED MICROWAVE (94)	*
18.1–18.6 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE 870	18.1–18.6 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE 870	18.1–18.6 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE 870	870 US334 G117	870 US334 NG1434		
18.6–18.8 FIXED FIXED-SATELLITE (space-to-Earth) 872 MOBILE except aeronautical mobile Earth Exploration—Satellite (passive) Space Research (passive)	18.6–18.8 EARTH EXPLORATION—SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) 872 MOBILE except aeronautical mobile SPACE RESEARCH (passive)	18.6–18.8 FIXED FIXED-SATELLITE (space-to-Earth) 872 MOBILE except aeronautical mobile Earth Exploration—Satellite (passive) Space Research (passive)	18.6–18.8 EARTH EXPLORATION—SATELLITE (passive) SPACE RESEARCH (passive)	18.6–18.8 EARTH EXPLORATION—SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile SPACE RESEARCH (passive)	AUXILIARY BROADCASTING (74) CABLE TELEVISION RELAY (78) DOMESTIC PUBLIC FIXED (21) PRIVATE OPERATIONAL-FIXED MICROWAVE (94)	
871	871	871	US254 US255 US334 G117 18.8–19.7	US254 US255 US334 NG144 18.8–19.7 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	AUXILIARY BROADCASTING (74) CABLE TELEVISION RELAY (78) DOMESTIC PUBLIC FIXED (21) PRIVATE OPERATIONAL-FIXED MICROWAVE (94)	
18.8–19.7 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	18.8–19.7 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	18.8–19.7 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE				
19.7–20.1 FIXED-SATELLITE (space-to-Earth) Mobile-Satellite (space-to-Earth)	19.7–20.1 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)	19.7–20.1	US334 G117 FIXED-SATELLITE (space-to-Earth) Mobile-Satellite (space-to-Earth)	US334 NG144 19.7–20.1	19.7–20.1 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)	
873	873 873A 873B 873C 873D 873E	873	US334 G117	873A 873B 873C 873D 873E US334		
20.1–20.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)	20.1–20.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 873 873A 873B 873C 873D	20.1–20.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)	20.1–20.2 US334 G117	20.1–20.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 873A 873B 873C 873D US334		
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