

International table			United States table		FCC use designators	
Region 1—allocation GHz	Region 2—allocation GHz	Region 3—allocation GHz	Government Allocation GHz	Non-Government Allocation GHz	Rule part(s)	Special-use frequencies
(1)	(2)	(3)	(4)	(5)	(6)	(7)
*	*	*	*	*	*	*
17.7–17.8 FIXED	17.7–17.8 FIXED	17.7–17.8 FIXED	17.7–17.8	17.7–17.8 FIXED	AUXILIARY BROADCASTING (74)	
FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869	FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869	FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869		FIXED-SATELLITE (space-to-Earth) (Earth-to-space)	CABLE TELEVISION RELAY (78)	
MOBILE	MOBILE	MOBILE		MOBILE	DOMESTIC PUBLIC FIXED (21)	
			US271	US271 NG140 NG144	PRIVATE OPERATIONAL-FIXED MICROWAVE (94)	
17.8–18.1 FIXED	17.8–18.1 FIXED	17.8–18.1 FIXED	17.8–18.1	17.8–18.1 FIXED	AUXILIARY BROADCASTING (74)	
FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869	FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869	FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869		FIXED-SATELLITE (space-to-Earth)	CABLE TELEVISION RELAY (78)	
MOBILE	MOBILE	MOBILE		MOBILE	DOMESTIC PUBLIC FIXED (21)	
			US334 G117	US334 NG144	PRIVATE OPERATIONAL-FIXED MICROWAVE (94)	
18.1–18.6 FIXED	18.1–18.6 FIXED	18.1–18.6 FIXED	18.1–18.6	18.1–18.6 FIXED	AUXILIARY BROADCASTING (74)	
FIXED-SATELLITE (space-to-Earth)	FIXED-SATELLITE (space-to-Earth)	FIXED-SATELLITE (space-to-Earth)		FIXED-SATELLITE (space-to-Earth)	CABLE TELEVISION RELAY (78)	
MOBILE	MOBILE	MOBILE		MOBILE	DOMESTIC PUBLIC FIXED (21)	
870	870	870	870 US334 G117	870 US334 NG144	PRIVATE OPERATIONAL-FIXED MICROWAVE (94)	
18.6–18.8 FIXED	18.6–18.8 EARTH EXPLORATION-SATELLITE (passive)	18.6–18.8 FIXED	18.6–18.8 EARTH EXPLORATION-SATELLITE (passive)	18.6–18.8 EARTH EXPLORATION-SATELLITE (passive)	AUXILIARY BROADCASTING (74)	
FIXED-SATELLITE (space-to-Earth) 872	FIXED	FIXED-SATELLITE (space-to-Earth) 872	SPACE RESEARCH (passive)	FIXED	CABLE TELEVISION RELAY (78)	
MOBILE except aeronautical mobile	FIXED-SATELLITE (space-to-Earth) 872	MOBILE except aeronautical mobile		FIXED-SATELLITE (space-to-Earth)	DOMESTIC PUBLIC FIXED (21)	
Earth Exploration-Satellite (passive)	MOBILE except aeronautical mobile	Earth Exploration-Satellite (passive)		MOBILE except aeronautical mobile	PRIVATE OPERATIONAL-FIXED MICROWAVE (94)	