

5GHz Channel Allocations

Frequency (GHz)	5.150	5.250	5.350	5.470	5.600	5.640	5.725	5.850	5.925	
Primary and Secondary Allocations	ARNS 5.150 - 5.250	Federal Radiolocation: 5.250-5.925 (675 MHz)							FSS (Extended C-Band) 5.850 - 5.925	
	FSS 5.150 - 5.250 (Globalstar)	Active Spaceborne Sensors: 5.250 - 5.570			Radionavigation: 5.350 - 5.650		Amateur Radio: 5.650 - 5.925			
		ARNS: 5.350 - 5.460		Maritime: 5.470 - 5.650		TDWR: 5.600 - 5.640	Amateur Satellite: 5.830 - 5.850			
802.11 Allocations	UNII-1	UNII-2a	UNII-2b			UNII-2c			UNII-3	UNII-4
	20 MHz	36 40 44 48	52 56 60 64	68 72 76 80 84 88 92 96	100 104 108 112 116 120 124 128	132 136 140 144	149 153 157 161 165 169 173 177 181			
	40 MHz	38 46	54 62	70 78 86 94	102 110	118 126	134 142	151 159 167 175		
	80 MHz	42	58	74 90	106	122	138	155 171		
	160 MHz	50		82	114			163		
			<i>(Channel numbers in red are proposed for future availability and are currently not allowed)</i>							
Rules	DFS not required. Prior to 4/1/14 limited to 50 mW IR with 6 dBi. Indoors only. Post 4/1/14 1000 mW IR and outdoor operations allowed.	DFS Required. Limited to 250 mW IR with 6 dBi. Indoors and outdoor allowed.	Proposed: Not yet available			DFS Required. Limited to 250 mW IR with 6 dBi. Indoors and outdoor allowed. Prior to 4/1/14 Channels 120, 124, 128 disallowed due to potential interference with TDWR. Post 4/1/14 Channels 120, 124, 128 allowed for certified devices. Channel 144 now allowed.			DFS not required. Limited to 1000 mW IR with 6 dBi. Indoors and outdoor allowed. Channel 165 now allowed.	Proposed: Not yet available

