

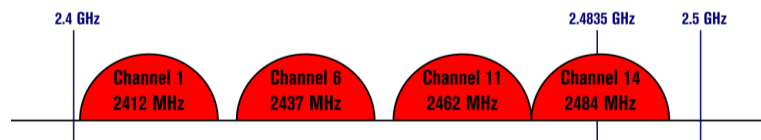
802.11 Channel Cheat Sheet

Channel	Center Frequency [MHz]	Frequency Range [MHz]	10 [MHz]	20 [MHz]	40 [MHz]	80 [MHz]	160 [MHz] (802.11ac Wave 2)	Europe	Switzerland
7	5035	5030-5040	10	20	X	X	X	No	No
8	5040	5030-5050			X	X	X	No	No
9	5045	5040-5050	10		X	X	X	No	No
11	5055	5050-5060	10		X	X	X	No	No
12	5060	5050-5070		20	X	X	X	No	No
16	5080	5070-5090		20	X	X	X	No	No
32	5160	5150-5170		20		X	X	Indoors	Indoors
34	5170	5150-5190			40	X	X	Indoors	Indoors
36	5180	5170-5190		20	Overlap	80	160	Indoors	Indoors
38	5190	5170-5210			40			Indoors	Indoors
40	5200	5190-5210		20				Indoors	Indoors
42	5210	5170-5250						Indoors	Indoors
44	5220	5210-5230		20				Indoors	Indoors
46	5230	5210-5250			40			Indoors	Indoors
48	5240	5230-5250		20				Indoors	Indoors
50	5250	5170-5330						Indoors/DFS*/TPC**	Indoors/DFS*/TPC**
52	5260	5250-5270		20		Indoors/DFS*/TPC**	Indoors/DFS*/TPC**		
54	5270	5250-5290			40	Indoors/DFS*/TPC**	Indoors/DFS*/TPC**		
56	5280	5270-5290		20		Indoors/DFS*/TPC**	Indoors/DFS*/TPC**		
58	5290	5250-5330				80	Indoors/DFS*/TPC**	Indoors/DFS*/TPC**	
60	5300	5290-5310		20		Indoors/DFS*/TPC**	Indoors/DFS*/TPC**		
62	5310	5290-5330			40	Indoors/DFS*/TPC**	Indoors/DFS*/TPC**		
64	5320	5310-5330		20		Indoors/DFS*/TPC**	Indoors/DFS*/TPC**		
68	5340	5330-5350		20	X	X	X	Indoors/DFS*/TPC**	Indoors/DFS*/TPC**
96	5480	5470-5490		20	X	X	X	DFS*/TPC**	DFS*/TPC**
100	5500	5490-5510		20		80	160	DFS*/TPC**	DFS*/TPC**
102	5510	5490-5530			40			DFS*/TPC**	DFS*/TPC**
104	5520	5510-5530		20				DFS*/TPC**	DFS*/TPC**
106	5530	5490-5570						DFS*/TPC**	DFS*/TPC**
108	5540	5530-5550		20				DFS*/TPC**	DFS*/TPC**
110	5550	5530-5570			40			DFS*/TPC**	DFS*/TPC**
112	5560	5550-5570		20				DFS*/TPC**	DFS*/TPC**
114	5570	5490-5650						DFS*/TPC**	DFS*/TPC**
116	5580	5570-5590		20		DFS*/TPC**	DFS*/TPC**		
118	5590	5570-5610			40	DFS*/TPC**	DFS*/TPC**		
120	5600	5590-5610		20		DFS*/TPC**	DFS*/TPC**		
122	5610	5570-5650				80	DFS*/TPC**	DFS*/TPC**	
124	5620	5610-5630		20		DFS*/TPC**	DFS*/TPC**		
126	5630	5610-5650			40	DFS*/TPC**	DFS*/TPC**		
128	5640	5630-5650		20		DFS*/TPC**	DFS*/TPC**		

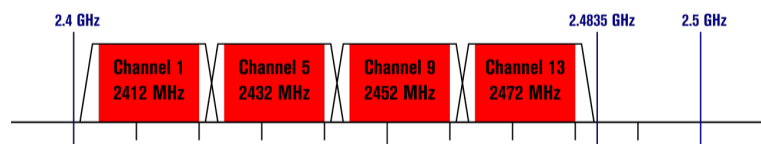
Channel	Center Frequency [MHz]	Frequency Range [MHz]	20 MHz	40MHz
1	2412	2402-2422	20	40
2	2417	2407-2427		
3	2422	2402-2442		
4	2427	2417-2437		
5	2432	2422-2442	20	
6	2437	2427-2447		
7	2442	2432-2452		
8	2447	2437-2457		
9	2452	2442-2462	20	40
10	2457	2447-2467		
11	2462	2442-2482		
12	2467	2457-2477		
13	2472	2462-2482	20	
14	2484	2474-2494		

Non-Overlapping Channels for 2.4 GHz WLAN

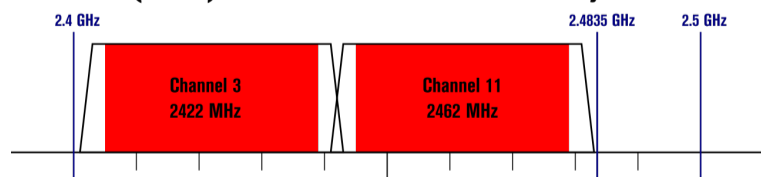
802.11b (DSSS) channel width 22 MHz



802.11g/n (OFDM) 20 MHz ch. width - 16.25 MHz used by sub-carriers



802.11n (OFDM) 40 MHz ch. width - 33.75 MHz used by sub-carriers



Source: wikipedia.org User: Liebeskind

*) Dynamic Frequency Selection

**) Transmit Power Control