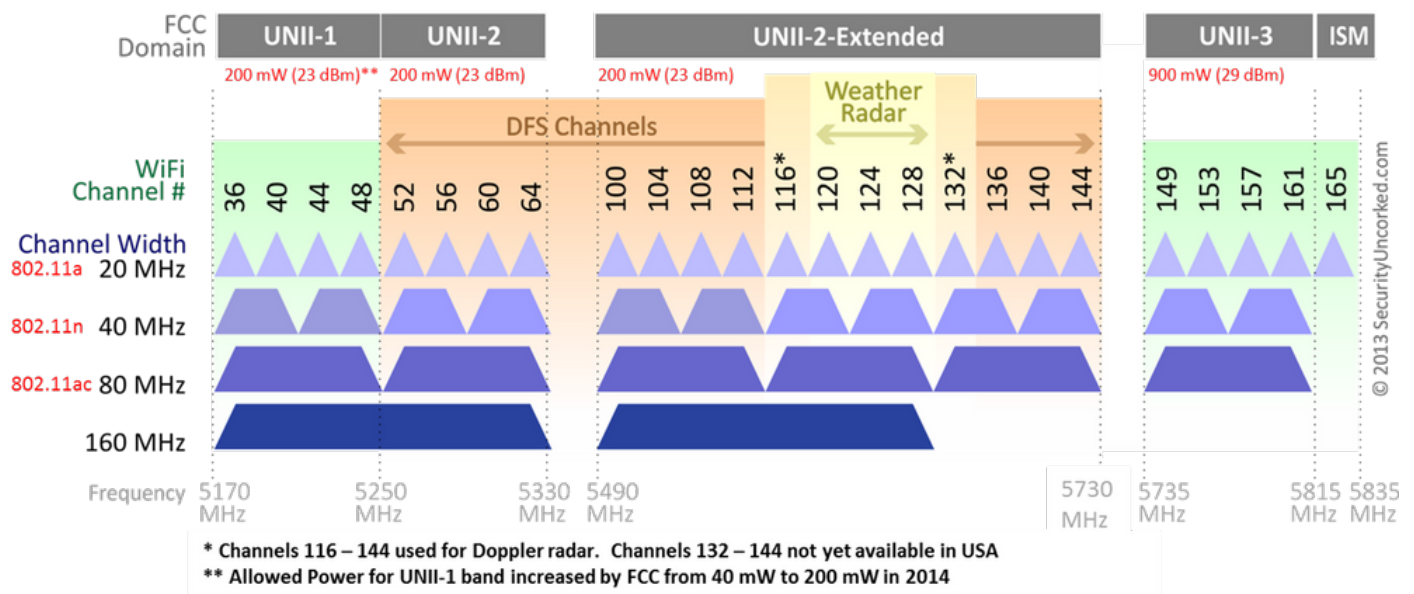# WiFi Regulatory Notes

More notes to come. For now, these are random useful illustrations from around the web.

802.11ac Channel Allocation (N America)

		Center Freq (MHz)	802.11a (20 MHz)	802.11n (40 MHz)	802.11ac (80 MHz)	802.11ac (160 MHz)
All	UNII-1	5180	36	38 [36-40]	42 [36-48]	50 [36-64]
All	UNII-1	5200	40	38 [36-40]	42 [36-48]	50 [36-64]
All	UNII-1	5220	44	46 [44-48]	42 [36-48]	50 [36-64]
All	UNII-1	5240	48	46 [44-48]	42 [36-48]	50 [36-64]
DFS	UNII-2	5260	52	54 [52-56]	58 [52-64]	50 [36-64]
DFS	UNII-2	5280	56	54 [52-56]	58 [52-64]	50 [36-64]
DFS	UNII-2	5300	60	62 [60-64]	58 [52-64]	50 [36-64]
DFS	UNII-2	5320	64	62 [60-64]	58 [52-64]	50 [36-64]
DFS	UNII-2e	5500	100	102 [100-104]	106 [100-112]	114 [100-128]
DFS	UNII-2e	5520	104	102 [100-104]	106 [100-112]	114 [100-128]
DFS	UNII-2e	5540	108	110 [108-112]	106 [100-112]	114 [100-128]
DFS	UNII-2e	5560	112	110 [108-112]	106 [100-112]	114 [100-128]
DFS	UNII-2e	5580	116	118 [116-120]	122 [116-128]	114 [100-128]
DFS	UNII-2e	5600	120	118 [116-120]	122 [116-128]	114 [100-128]
DFS	UNII-2e	5620	124	126 [124-128]	122 [116-128]	114 [100-128]
DFS	UNII-2e	5640	128	126 [124-128]	122 [116-128]	114 [100-128]
DFS	UNII-2e	5660	132	134 [132-136]	138 [132-144]	
DFS	UNII-2e	5680	136	134 [132-136]	138 [132-144]	
DFS	UNII-2e	5700	140	142 [140-144]	138 [132-144]	
DFS	UNII-2e	5720	144	142 [140-144]	138 [132-144]	
All	UNII-3	5745	149	151 [149-153]	155 [149-161]	
All	UNII-3	5765	153	151 [149-153]	155 [149-161]	
All	UNII-3	5785	157	159 [157-161]	155 [149-161]	
All	UNII-3	5805	161	159 [157-161]	155 [149-161]	
All	ISM	5825	165			

Total # of Channels

	20 MHz	40 MHz	80 MHz	160 MHz
Full DFS Support:	25	12	6	2 (3 with 80+80)
No Channel 144:	24	11	5	2
No DFS Support:	9	4	2	0

-end