5 GHz Channel Allocations

	DFS Channels																									
Radio Band	U-NII-1				U-NII-2a				U-NII-2c (Extended) — TDWR													U-NII-3				
Frequency	5.180	5.200	5.220	5.240	5.260	5.280	5.300	5.320	5.500	5.520	5.540	5.560	5.580	5.600	5.620	5.640	5.660	5.680	5.700	5.720	5.745	5.765	5.785	5.805	5.825	**Qty**
20 MHz	36	40	44	48	52	56	60	64	100	104	108	112	116	120	124	128	132	136	140	144	149	153	157	161	165	25
40 MHz	38		46		54		62		102		110		118		126		134		142		151		159			12
80 MHz	42				58				106				122				138				155					6
160 MHz	50								114												*165 was ISM, now U-NII-3*					2

Regulatory	U-NII-1	U-NII-2a	U-NII-2c	TDWR / Upper	U-NII-3
FCC - US	1,000 mW Tx Power — Indoor & Outdoor — No DFS needed	250 mw w/6dBi — Indoor & Outdoor — DFS Required	250 mw w/6dBi — Indoor & Outdoor — DFS Required	120, 124, 128 US - Allowed / 144 Now Allowed	1,000 mW Tx Power — Indoor & Outdoor — No DFS needed
ISED - Canada	FCC - Except Outdoor License Req. >200 mW	Same as FCC	Same as FCC	TDWR Not Allowed / Same as FCC	Canada PtP allows Higher EIRP
ACMA - Australia	200 mW EIRP Indoor	200 mW EIRP - DFS & TPC / 100 mW EIRP - DFS-Only Indoor	1,000 mW - DFS & TPC / 500 mW - DFS-Only - No TPC Indoor/Outdoor	TDWR Not Allowed / 1,000 mW - DFS & TPC / 500 mW - DFS-Only Indoor/Outdoor	4,000 mW Tx Power Indoor & Outdoor No DFS needed
ETSI - EU	100 mW No DFS/TPC Indoor / 200 mW EIRP No DFS/TPC - Indoor	200 mW EIRP DFS/TPC Indoor	1,000 mW EIRP DFS/TPC Indoor/Outdoor	10-min TDWR CAC Scan Time / UK No 144 / 25mW SRD	4,000 mW EIRP DFS/TPC - Outdoor Fixed Wireless Access / 25mW - SRD - No DFS

20 MHz	36	40	44	48	52	56	60	64	100	104	108	112	116	120	124	128	132	136	140	144	149	153	157	161	165
Frequency	5.180	5.200	5.220	5.240	5.260	5.280	5.300	5.320	5.500	5.520	5.540	5.560	5.580	5.600	5.620	5.640	5.660	5.680	5.700	5.720	5.745	5.765	5.785	5.805	5.825

2.4 GHz Channel Allocations

Channel	1	2	3	4	5	6	7	8	9	10	11	12	13		14	
Frequency	2.412	2.417	2.422	2.427	2.432	2.437	2.442	2.447	2.452	2.457	2.462	2.467	2.472		2.484	**Qty**

- 802.11b - 22MHz
- 802.11g/n/ax - 20MHz

Overlapping channels: Channel 2, Channel 3, Channel 4, Channel 5, Channel 7, Channel 8, Channel 9, Channel 10, Channel 12, Channel 13

Japan - 802.11b - Only — Channel 14

	Non-Overlapping sets	Qty
3 Non-Overlapping	Channel 1, Channel 6, Channel 11	3
4-CH for Non-US	Channel 1, Channel 5, Channel 9, Channel 13	4

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