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**Table 16 - 40MHz channel allocation in the 5GHz band**

Regulatory domain	Band (GHZ)	N <sub>control_ch</sub>		Center Frequency (MHz)
		Extension=1	Extension=-1	
United States	U-NII lower band (5.15-5.25)	36	40	5190
		44	48	5230
United States	U-NII middle band (5.25-5.35)	52	56	5270
		60	64	5310
Europe	ETSI (5.5-5.7)	100	104	5510
		108	112	5550
		116	120	5590
		124	128	5630
		132	136	5670
United States	U-NII upper band (5.725-5.825)	149	153	5755
		157	161	5795

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3 **5.2 Channel Allocation in the 2.4 GHz Band**

4 Channel center frequencies are defined at every integral multiple of 5 MHz in the  
 5 2.4 GHz band. The relationship between center frequency and channel number  
 6 is given by the following equation: Channel center frequency = 2407 + 5 · n<sub>ch</sub>  
 7 (MHz), Where n<sub>ch</sub> = 1,2,...11.

8 The 40MHz channels in 2.4GHz are specified in the same way as in 5GHz:  
 9 (N<sub>control\_ch</sub>, extension). The first field represents the channel number of the control  
 10 channel, and the second one indicates whether the extension channel is above  
 11 or below the control channel (1 -> above, -1 -> below). For example, a 40MHz  
 12 channel consisting of channel 2 and channel 6 where channel 6 is the control  
 13 channel shall be specified as (6, -1).

14 The following table lists the valid settings of these two fields in the 2.4 GHz band.

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**Table 17 - 40Mhz channel allocation in the 2.4GHz and**

Regulatory	N <sub>control_ch</sub>	Center
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