

Telecommunication Certification Body
UL
Pavilion A, Ashwood Park
Ashwood Way
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England

WLAN channel plan - PY7PM-0500

To whom it may concern

The following Sony Mobile Communications AB device FCC ID: PY7PM-0500, supports the following WLAN channels. Based on the UNII Device Declaration [*UNIIDeviceDeclaration_PY7PM-0500_rev PA1.pdf*], Active scanning is functional in the following frequencies only:

- 2412MHz – Channel 1
- 2437MHz – Channel 6
- 2462MHz – Channel 11

For all other frequencies and channel, Passive scanning is utilized.

Please refer to the following table for a complete overview of the WLAN channels. This information is available in the Technical Description [*PY7PM-0500_TechnicalDescriptionGeneral_revPA4*].

802.11b(DSSS) band 2.4GHz	
Bit rate 1,2,5,5,11 [Mbps]	
Frequency[MHz]	Channel
2412	1
2437	6
2462	11
802.11g(OFDM) band 2.4GHz	
Bit rate 6,9,12,18,24,36,48,54 [Mbps]	
Frequency[MHz]	Channel
2412	1
2437	6
2462	11
802.11n(OFDM) band 2.4GHz	
Bit rate 6.5,13,19.5,26,39,52,58.5,65 [Mbps]	

802.11a band 5.0 GHz	
Bit rate 6,9,12,18,24,36,48,54 [Mbps]	
Frequency[MHz]	Channel
5180	36
5200	40
5220	44
5240	48
5260	52
5280	56
5300	60
5320	64
5500	100
5520	104
5540	108

Frequency[MHz]	Channel
2412	1
2437	6
2462	11

5560	112
5580	116
5660	132
5680	136
5700	140
5745	149
5765	153
5785	157
5805	161
5825	165

802.11b(DSSS) band 2.4GHz	
Bit rate 1,2,5,5,11 [Mbps]	
Frequency[MHz]	Channel
2412	1
2437	6
2462	11
802.11g(OFDM) band 2.4GHz	
Bit rate 6,9,12,18,24,36,48,54 [Mbps]	
Frequency[MHz]	Channel
2412	1
2437	6
2462	11
802.11n(OFDM) band 2.4GHz	
Bit rate 6.5,13,19.5,26,39,52,58.5,65 [Mbps]	
Frequency[MHz]	Channel
2412	1
2437	6
2462	11

802.11a band 5.0 GHz	
Bit rate 6,9,12,18,24,36,48,54 [Mbps]	
Frequency[MHz]	Channel
5180	36
5200	40
5220	44
5240	48
5260	52
5280	56
5300	60
5320	64
5500	100
5520	104
5540	108
5560	112
5580	116
5660	132
5680	136
5700	140
5745	149
5765	153
5785	157
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Yours sincerely



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Global Type Approval

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