

Telecommunication Certification Body
UL
Pavilion A, Ashwood Park
Ashwood Way
Basingstoke, Hampshire
RG23 8BG
England

WLAN channel plan - PY7PM-0650

To whom it may concern

The following Sony Mobile Communications AB device FCC ID: PY7PM-0650, supports the following WLAN channels. Based on the UNII Device Declaration [UNIIDeviceDeclaration_PY7PM-0650_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-0650_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
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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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