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# Regulatory Update

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**Technical Regulation LP0002 for low-power radio-frequency devices has been now officially published by NCC (National Communications Commission) and comes into effect.**

Further to PCS Regulatory Alert from April 2016, NCC have finally published the official version of Technical Regulation LP0002 for low-power Radio-frequency devices on 23<sup>rd</sup> August 2016 and it has come into effect the same day.

The LP0002 Technical Regulation was published in the same redaction as the proposed draft regulation, without further modifications. Changes under new regulation therefore remain as follows:

Product Category	Frequency Range allowed under old revision	Frequency Range to be allowed under new revision	Related equipment
Devices supporting 60GHz	57 ~ 64 GHz Bandwidth 7GHz	57 ~ 66 GHz Bandwidth 9 GHz	Wireless HD, WiGig, WHDI and future virtual reality display
Wireless microphone and headsets	227.1 ~ 227.4 MHz 229.4 ~ 230.0 MHz 231.0 ~ 231.9 MHz 794.0 ~ 806.0 MHz Bandwidth 13.8MHz	227.1 ~ 227.4 MHz 229.4 ~ 230.0 MHz 231.0 ~ 231.9 MHz <u>510.0 ~ 530.0 MHz</u> <u>748.0 ~ 758.0 MHz</u> <u>803.0 ~ 806.0 MHz</u> <u>1790.0 ~ 1805.0 MHz</u> Bandwidth 49.8MHz	Household karaoke and guidance products used indoor and outdoor
Unlicensed National Information Infrastructure	5.250 ~ 5.350 GHz 5.470 ~ 5.725 GHz	<u>5.150 ~ 5.250 GHz</u> 5.250 ~ 5.350 GHz	WiFi devices

	5.725 ~ 5.825 GHz Bandwidth 455MHz	5.470 ~ 5.725 GHz 5.725 ~ <u>5.850</u> GHz Bandwidth 580MHz	
Medical Devices Radio- communications Service	402 ~ 405 MHz Bandwidth 3MHz	<u>401 ~ 406</u> MHz Bandwidth 5MHz	Implantable pacemakers, blood pressure and blood lipid monitors, body wearable wireless insulin pumps, etc.
Short Range Radars	N/A	24.25 ~ 26.65 GHz(FCC) 77 ~ 81 GHz(EU) Bandwidth 6.4 GHz	Anti-collision radar, AutoPilot, etc.
Tank Level Probing Radars	N/A	77 ~ 81 GHz Bandwidth 4 GHz	Monitor for Oil tank capacity and material volume, etc.
Ultra-Wideband Devices	N/A	4224 ~ 4752 MHz 6336 ~ 7920 MHz 7392 ~ 8976 MHz Bandwidth 3696 MHz	Audio and video transmission device for home theatre, UWB digital camera / video camera, etc.

Please see attached the latest copy of LP0002 in Traditional Chinese.

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