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Regulatory Alert

27-Apr-16

Taiwan NCC (National Communications Commission) released updated draft on Technical Regulation for low-power radio-frequency devices.

Following the increased demand in the Internet of Things (IoT), on 20th April 2016 the NCC updated their LP0002 draft Technical Regulation for Low-power Radio-frequency devices. This regulation was based on various international technical regulations and National Frequency Allocation Regulation of Taiwan.

Please refer to the below comparison table for the latest changes to LP0002:

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> 803.0~806.0 MHz <u>1790.0~1805.0</u> MHz 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 5.725~5.825 GHz Bandwidth 455MHz	<u>5.150~5.250</u> GHz 5.250~5.350 GHz 5.470~5.725 GHz 5.725~ <u>5.850</u> GHz Bandwidth 580MHz	WiFi devices
Medical Devices Radio-communications	402~405 MHz Bandwidth 3MHz	<u>401~406</u> MHz Bandwidth 5MHz	Implantable pacemakers, blood pressure

Service			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, AutoPoilt, etc.
Tank Level Probing Radars	N/A	77~81 GHz Bandwidth4 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.

The implementation date for the new LP0002 standard is yet to be announced, and PCS will continue to monitor this closely. Once further updates are received, we will keep customers updated accordingly.

For additional information on this article please contact:

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