

# Regulatory Alert - Colombia

## **Resolución 711 of 2016 issued – truncation of 900MHz band from 902-928MHz to 915-928MHz**

Further to PCS' Regulatory Update issued on 19<sup>th</sup> April 2016, Resolution 711, 2016 has been officially released via the website of Colombian National Spectrum Agency, *Agencia Nacional del Espectro* (ANE).

The resolution confirms the truncation of the use of the 900MHz band in Colombia from 902-928MHz to 915-928MHz, for the operation of WAS/RLAN devices (e.g. UHF RFID), short-range devices, and wireless telephones, amongst others.

A summary of the maximum permitted output powers for each type of device is shown below:

Band (MHz)	Type of Equipment	Output power limit or field strength
915-928	WAS / RLAN	Maximum output power from the transmitter: <ul style="list-style-type: none"> <li>- Systems using at least 50 frequency hopping channels: <b>1W</b></li> <li>- Systems using less than 50 frequency hopping channels, but at least 25 channels: <b>0.25W</b></li> <li>- Systems using digital modulation: <b>1W</b></li> </ul>
	Field Disturbance Sensors	<b>500 mV/m @3m</b>

	Other non-specific short-range devices	<b>50mV/m @3m</b>
	Wireless telephones	
	Devices for the measurement of characteristics of materials	<b>500 <math>\mu</math>V/m @30m</b>
	Intermittent control signals (See special conditions of <b>3.3 Operation devices</b> )	<b>12500 <math>\mu</math>V/m @3m</b>
	Periodic transmissions (See special conditions of <b>3.3 Operation devices</b> )	<b>5000 <math>\mu</math>V/m @ 3m</b>

Please see the below link for a full copy of Resolución 711 of 2016. The text is in Spanish language:

[http://www.ane.gov.co/images/ArchivosDescargables/Normatividad/Planeacion\\_del\\_espectro/Resolucion711de2016.pdf](http://www.ane.gov.co/images/ArchivosDescargables/Normatividad/Planeacion_del_espectro/Resolucion711de2016.pdf)

New devices which fall under any of these categories must adhere to the new band limit in Colombia – 915-928MHz.

PCS are seeking confirmation from the Colombian Authorities whether there will be any retrospective impact to existing products on the market. Full details will be shared once known

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