

Regulatory Alert – Morocco

22nd September 2016

New Decision Regarding SRD Devices Usage in Morocco

On the 19th of September 2016, the National Telecommunications Regulatory Agency (ANRT) issued Decision ANRT/DG/N^o04/16 08/16 concerning the technical specifications of Low Power Short Range Devices and which updates previous Decision ANRT/DG/N^o08/13 dated 20th June 2013.

Of particular interest, Annex 1 of the decision and which details the available frequencies and application usage of Low Power Short Range Devices has been updated to include new frequency bands. This includes but is not limited to:

- Non Specific Applications:

Frequency band/ Channel Frequencies	Power/level of magnetic field limit	Particular Conditions 1
869,4 – 869,65 MHz	500 mW e.r. p	
3100 – 3400 MHz	-36 dBm e.i.r.p with a maximum Density of -70 dBm/MHz	
3400 – 3800 MHz	-40 dBm e.i.r.p with a Maximum Density of -80 dBm/MHz	These bands are intended for the exclusive use by

		equipment using the technology Ultra-Wide Band in motor vehicles and railways.
3800 – 4800 MHz	-30 dBm e.i.r.p with a A maximum density of -70 dBm/MHz	
6000 – 8500 MHz	-13,3 dBm e.i.r.p with a Maximum density of -53,3 dBm/MHz	

- Loop Inductions devices

Frequency band/ Channel Frequencies	Power/level of magnetic field limit	Particular Conditions 1
140 – 148,5 KHz 3155 – 3400 KHz 148,5 – 5000 KHz 6765 – 6795 KHz	37,5 dB μ A/m @10m 13,5 dB A/m @ 10m -15 dB A/m @ 10m 42 dB A/m @ 10m	These bands are intended for use by induction loop hardware (inductive applications).

- Medical Implants

Frequency band/ Channel Frequencies	Power/level of magnetic field limit	Particular Conditions 1
30 – 37,5 MHz	1 mW e.r.p	This band is intended for use by the radio application in Medical implantable devices IMD with ultra-low power used for the

		measurement of arterial blood pressures.
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- Alarms

Frequency band/ Channel Frequencies	Power/level of magnetic field limit	Particular Conditions 1
869,2 – 869,25 MHz	10 mW e.r.p	
869,25 – 869,3 MHz	10 mW e.r.p	
869,65 – 869,7 MHz	25 Mw e.r.p	

- Wireless Microphones and Hearing Aids

Frequency band/ Channel Frequencies	Power/level of magnetic field limit	Particular Conditions 1
173,965 – 174,015 MHz	2 mW e.r. p	These bands are designed for hearing aids systems. They are exclusively for exploitation by Wireless microphones in the context of applications ancillary to broadcasting.

- Radiolocation Devices and Motion Detection

Frequency band/ Channel Frequencies	Power/level of magnetic field limit	Particular Conditions 1
2400 – 2483,5 MHz	25 mW e. i. r. p	This Band is intended for

		motion detection radars and alert.
10,5 – 10,6 GHz	20 mW e. i. r. p	
6,0 – 8,5 GHz 24,05 – 26,5 GHz 57 - 64 GHz	7 dBm e.i.r.p 26 dBm e.i.r.p 35 dBm e.i.r.p	These bands are exclusively for the use of Industrial measurement devices use (LPR) Radar technology, equipped with fixed antenna pointing towards the ground.

- Radio Frequency Identification Devices

Frequency band/ Channel Frequencies	Power/level of magnetic field limit	Particular Conditions 1
400 – 600 KHz	-8 dBμA/m @ 10m	

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