



General Radio Specifications

For both Handheld and Basestation

		Version	
		US/Canada	Europe/World
Transmit Frequency		902-928 MHz	433.139-434-543 MHz
Output Power		<1 mWatts	<10 mWatts
Communication		Half-Duplex	Half-Duplex
Frequency Type		Narrow Bandwidth	Narrow Bandwidth
Channel Oscillator Separation		100 KHz	100 KHz
Frequency Generation		Crystal	Crystal
RF Bandwidth		<180 KHz channels	<180 KHz channels
Max. Number of Channels	10 (0-9)		10 (0-9)
Max. Frequency Deviation		<+/- 75 KHz	<+/- 75 KHz
Freq. Error/Stability-New		+/- 10 ppm	+/- 10 ppm
Freq. Error/Stability-With age/temp		+/- 31 ppm	+/- 31 ppm
Data Source		Internal	Internal
Type Transmitted		Data	Data
Type of Modulation		Frequency	Frequency
Mode of Transmission		FFSK	FFSK
Temp. Range (C degrees)		-10 to +50	-10 to +50
Approvals/Standards		US-FCC CFR 47 Part 15 Canada-RSS-210	ETS 300 220-1 ETS 300 683

PowerScan RF Block Diagram

