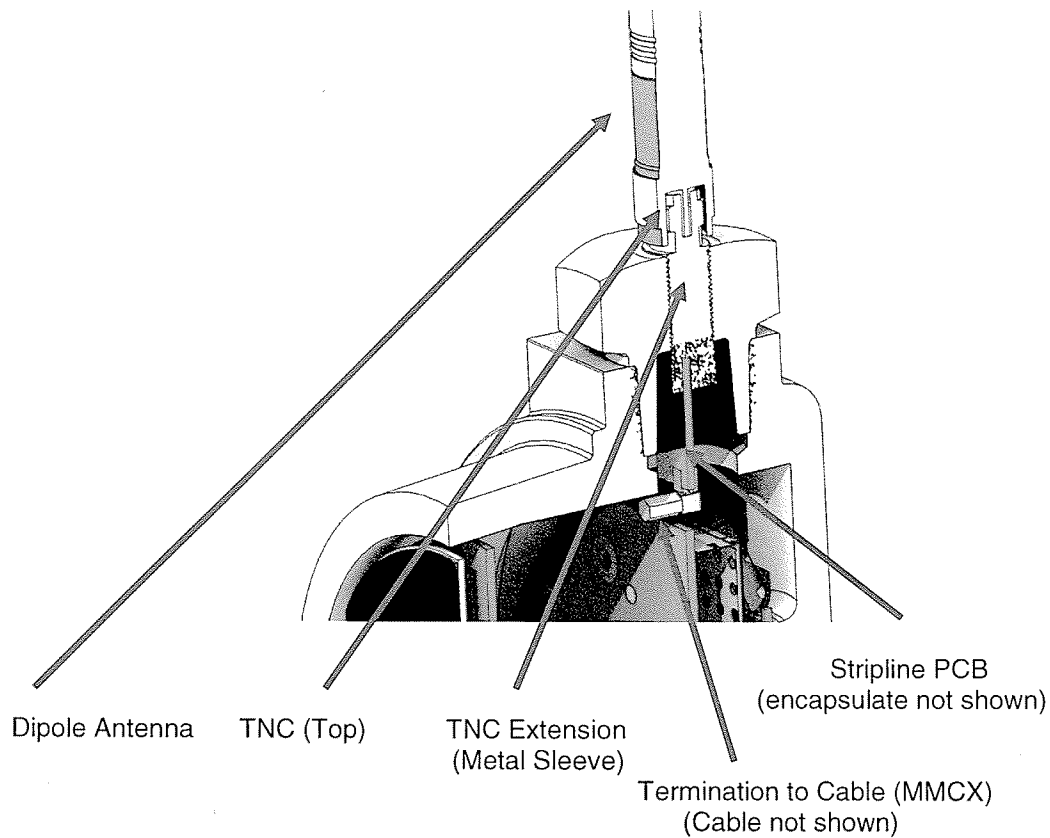


FCC Part 15.203 Antenna Requirement- Personnel Alert Base

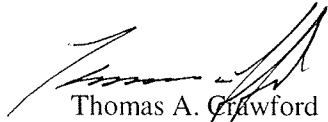
The Nearson Model S467TR-915 antenna which is the sole antenna sold for use in BW Technologies Model No. PA-BASE-900 complies with Section 15.203 as detailed below

The dipole antenna is reverse polarity as is the TNC plug that is accessible at the top of the enclosure. This TNC resides in a metal sleeve which extends from the top of the enclosure cavity to terminations on a stripline PCB which provides the connection to the MMCX that is on the PCB. This stripline PCB is completely encapsulated in order to maintain the explosion proof rating of the enclosure which is required for the operating environment of the Personnel Alert.

Figure 1:



This ensures compliance to FCC Part 15.203. Figure 1 shows the antenna, TNC connector, Metal sleeve (TNC extension), PCB stripline and termination point for the MMCX connector. The actual PCB that the MMCX resides on is not shown in this view.



Thomas A. Crawford
B.Sc. Eng., P. Eng.

Manager, Product Compliance
Certification and Conformity
BW Technologies Ltd.