



MRD-RF (Manual Reset Device)

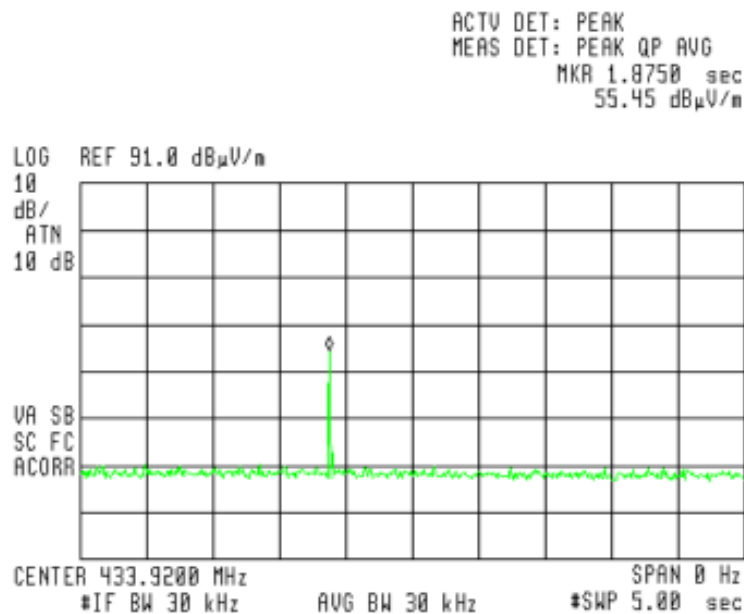
The Manual Reset Device (MRD-RF) is a small, lightweight push button unit, battery-powered device that is designed for use in areas covered by the HomeFree AMS system.

The MRD-RF Carried by the care center Staff member and can be used to temporary deactivate the Wireless Monitoring Door Unit alarm (for door alarm bypass) as well as reset unauthorized exit attempt alerts. The MRD is not for use outside the monitored area. Includes 433.92 MHz and 318 MHz version.

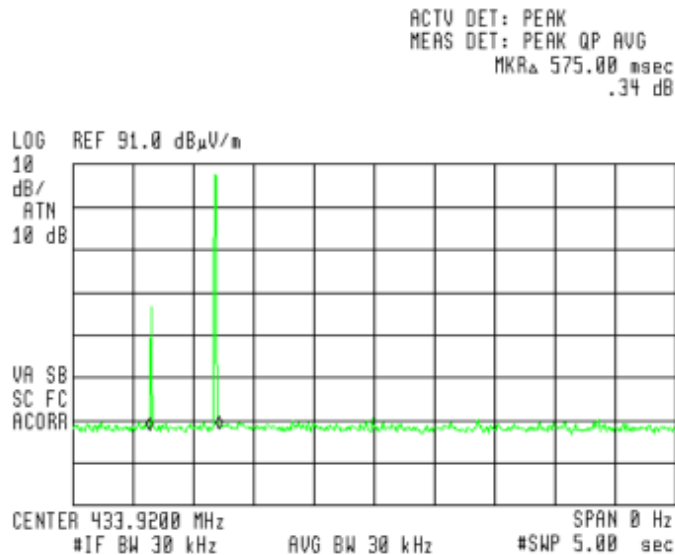
The MRD-RF comprises a printed circuit board (PCB) which includes an RF transmitter module with an integral antenna and a microcontroller that controls its operation.

The MRD-RF is powered by a replaceable 12V battery.

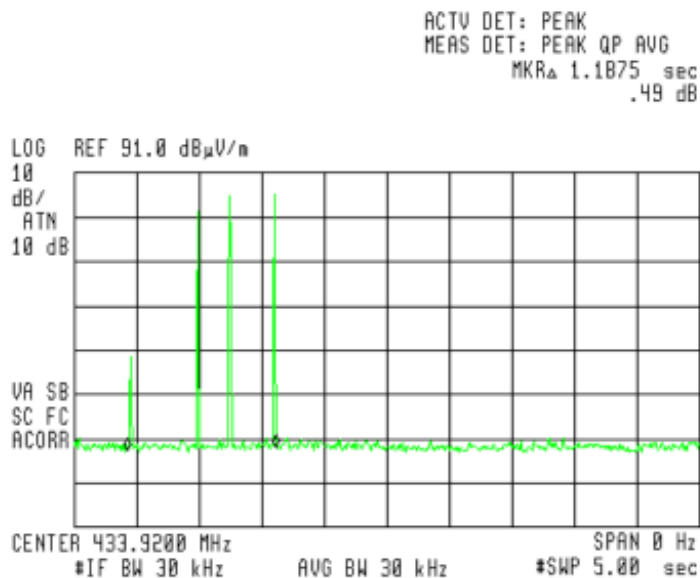
When activated the MRD-RF by pressing the 'On' button or deactivating the MRD-RF by pressing the 'Off' button, a single transmit burst will generate for a period of 1.875 sec'



When pressing the 'range' button a transmit bursts will be generated for a period of 575 mSec'



When pressing the 'Reset' button – 3 transmit bursts will be generated for a period of 575 mSec'





As per section 15.231(a)(1), The MRD-RF is a Manually activated equipment.

As such the MRD-RF shall be deactivated within no more then 5 seconds, after releasing the switch.

"(1) a manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released."