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- 1) The Neptune R900 AMR system transmits every 14 seconds for a total of approximately 45 seconds per day. Each transmission lasts a fraction of a second. It should be noted that homeowners and their neighbors use and operate many radio frequencies both within and around this range including:
 - baby monitors
 - remote car keys
 - smart phones
 - cellular networks
 - cordless telephones
 - AM and FM radio broadcasts
 - garage door openers
 - radio-controlled toys
 - television broadcasts
 - satellite communications
 - police radios
 - and the list goes on and on.

- 2) As with any wireless device, some of the RF energy emitted by meters will be absorbed by anyone who is nearby. The amount of energy absorbed depends largely on how close your body is to a smart meter. Unlike cellular phones, where the transmitter is held close to the head and much of the RF energy that is absorbed is localized to one specific area, RF energy from smart meters is typically transmitted at a much greater distance from the human body. This results in very low RF exposure levels across the entire body, much like exposure to AM or FM radio broadcast signals.
 - Smart meters transmit data in short bursts, and when not transmitting data, the smart meter does not emit RF energy.

- 3) The R900 is certified pursuant to Part 15 of the FCC regulations. In addition, the following factors ensure that the R900 does not cause any environmental or health issues:
 - **Low power device**
 - Relative to cell phones, the R900 has approximately 1/3 less the output power.
 - **Distance of installation**
 - Instead of being adjacent to your head as with a cell phone, the R900 typically is located remotely to the homeowner (i.e. with the meter in the basement, on the outside of a house, etc).
 - **Duration of transmission**
 - The duration of the transmission message is 7 mSec every 14 seconds, which is quite a low duty cycle versus continuous signal transmission of a cell phone

- 4) Neptune has over 4 million R900 radio frequency meter interface units installed throughout the North America. There have been no reported issues of interference or health issues related to the transmission of the R900 RF device.