

- The MICRF219 wakes up and releases DO from auto-polling **most of the time**, on the first polling try (Figure 1).
- With commonly used bit rates, the MICRF219 requires a second polling try to wake up about 12% of the time (Figure 2).
- **MICRF219A improves upon the MICRF219, waking up and releasing DO on the first polling try 100% of the time.**
- The design change in the MICRF219A is to modify the condition for going back to sleep from 2 short (bad) bits to 4 short bits.

Figure 1. Awaking on First Polling Attempt

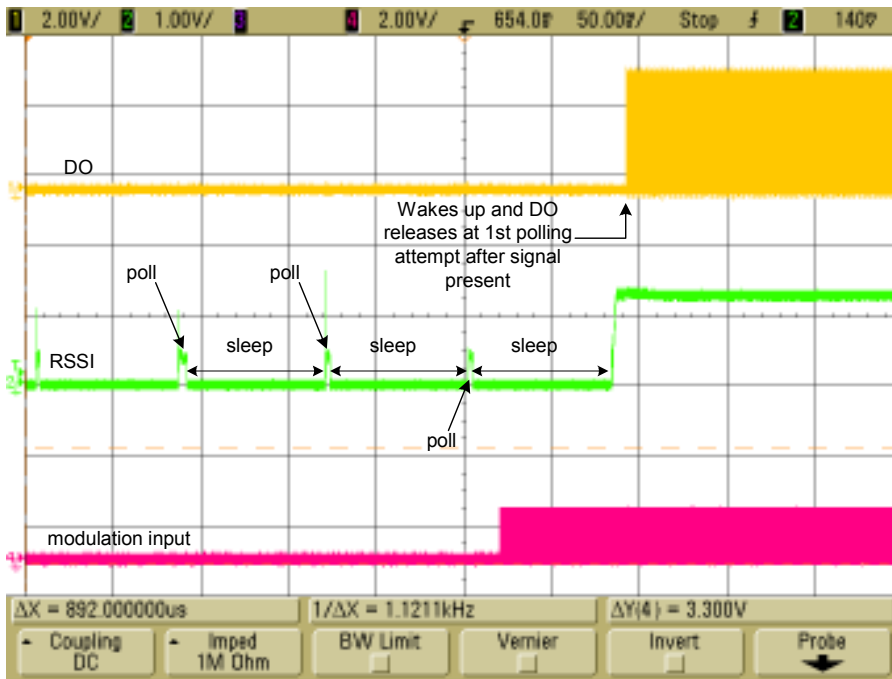


Figure 2. Awaking on Second Polling Attempt (MICRF219 only)

