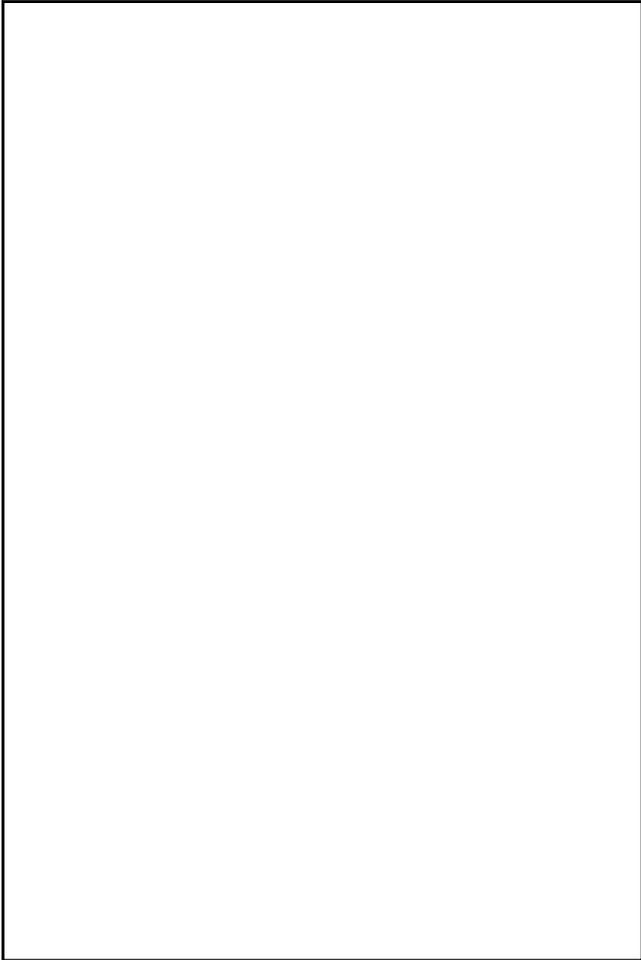


b

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: Your antenna works best if it has a big view of the sky. Look out the window in question. Are there high-rise buildings or large trees close by? Anything blocking the view of the sky is a possible problem.

Many windows have a coating on them that you cannot see. This will prevent your GPS antenna from working. If you happen to have a handheld GPS Positioning Receiver, you can use it to determine the location of the window.

Window orientation matters. So, if you are far from the equator and in the Northern hemisphere, then a south-facing window is best and in the Southern hemisphere, the opposite is true.

Place the antenna somewhere in or very near your chosen window. Connect the cable to the antenna and the Sonoma. Be sure to not kink or bend the cable too tightly.

Your Sonoma needs to calculate its position in order to operate properly. It only needs to do this

Appendix E - GPS Reference Position

signal. This is fine - as long as it locks at least once every 24 hours. If it goes longer than 24 hours without locking, then it will stop serving Stratum 1 time. The optional OCXO upgrade will allow your Sonoma to serve Stratum 1 time for 35 days without receiving a GPS signal. An OCXO upgrade is extra insurance for window-mount installations.



WARNING: Make sure your Sonoma can lock to GPS with the antenna in this window before proceeding. Once installed, tape (shown in Figure 1) may be destroyed if bracket is removed from window. Spare tape is provided in case you need to relocate. Do not use more than 1ô of tape as shown.

