

AV-1002-C-UW1 Addendum

The Sync output of the AV-1002-C-UW1 has been specially modified to provide a 2.5 V, 1.5 us wide sync pulse, instead of the normal 2 V, 10 ns wide pulse described in the remainder of the manual. The width of the sync pulse can be changed back to 10 ns by removing the lower cover (see the "Top and Bottom Cover Removal" section) and flipping the internal "SYNC PW" switch to the 10 ns position. The instrument is shipped with this switch in the 1.5 us position.

Note that when the sync pulse width is set at 1.5 us, the sync output will not function properly if the pulse repetition frequency is set higher than $1 / 1.5\text{us}$, or 660 kHz, since the sync pulse width will exceed the pulse period. This problem does not arise with the 10ns setting.