

Can I measure a signal that has both ACV and DCC components with an SDM?

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Yes.

As long as the signal amplitude and frequency do not exceed the input specifications.

When measuring ACV using the ACV mode, the DC components will be blocked.

When measuring DCV using DCV mode, the AC components will not be blocked, but you can minimize the AC effects by using a slower test speed or larger NPLC value. This will integrate the measurement over a longer time duration and will decrease the repetitive AC components.



North American Headquarters

SIGLENT Technologies America, Inc
6557 Cochran Rd Solon, Ohio 44139
Tel: 440-398-5800
Toll Free: 877-515-5551
Fax: 440-399-1211
info@siglent.com
www.siglentamerica.com/

European Sales Offices

SIGLENT TECHNOLOGIES EUROPE GmbH
Staetzlinger Str. 70
86165 Augsburg, Germany
Tel: +49(0)-821-666 0 111 0
Fax: +49(0)-821-666 0 111 22
info-eu@siglent.com
www.siglenteu.com

Asian Headquarters

SIGLENT TECHNOLOGIES CO., LTD.
Blog No.4 & No.5, Antongda Industrial Zone,
3rd Liuxian Road, Bao'an District,
Shenzhen, 518101, China.
Tel: + 86 755 3661 5186
Fax: + 86 755 3359 1582
sales@siglent.com
www.siglent.com/ens