

## SSG3000X Pulse Modulation Spec Clarification

June 15, 2022

The Pulse Modulation states:

|                               |                            |              |
|-------------------------------|----------------------------|--------------|
| Modulation frequency response | 10 Hz~100 kHz              | <3 dB (nom.) |
| <b>Pulse modulation</b>       |                            |              |
| Modulation source             | internal, external         |              |
| On/off ration                 | 1 MHz <f<3.2 GHz           | >70 dBc      |
| Raise/fall time (10% / 90%)   | 10% to 90% of RF amplitude | <50 ns       |
| Pulse repetition time         | setting range              | 40 ns~300 s  |
| <b>Pulse generator</b>        |                            |              |

The SSG3000X Pulse Modulation is functional from 9 kHz to 2.1/3.2 GHz. The specification of 1 MHz- 3.2 GHz is guaranteed (as shown). Operation from 9 kHz-1 MHz is not guaranteed.



### **North American Headquarters**

SIGLENT Technologies NA  
6557 Cochran Rd Solon, Ohio 44139  
Tel: 440-398-5800  
Toll Free: 877-515-5551  
Fax: 440-399-1211  
[info@siglent.com](mailto:info@siglent.com)  
[www.siglentamerica.com/](http://www.siglentamerica.com/)

### **European Sales Offices**

SIGLENT TECHNOLOGIES GERMANY 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](mailto:info-eu@siglent.com)  
[www.siglenteu.com](http://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](mailto:sales@siglent.com)  
[www.siglent.com/ens](http://www.siglent.com/ens)