

# Analyzer Feature and Options Table

June 07, 2022

Selecting the proper instrument for your application can be challenging.

Here are tables that identify key features and options of SIGLENTs analyzer products to help you choose exactly what you need:

SIGLENT Analyzer Features:

	Model	Swept Analyzer Bandwidth	TG Frequency Range	VNA (S11,S21) Range	DANL	RBW	Touch Screen, Web Control, Mouse/Keyboard Support	Real Time
SSA3000X Series	SSA3021X	9 kHz - 2.1 GHz	100 kHz - 2.1 GHz	-	-161 dBm/Hz	1 Hz - 1 MHz	-	-
	SSA3032X	9 kHz - 3.2 GHz	100 kHz - 3.2 GHz	-	-161 dBm/Hz	1 Hz - 1 MHz	-	-
	SSA3015X Plus	9 kHz - 1.5 GHz	100 kHz - 1.5 GHz	-	-156 dBm/Hz	1 Hz - 1 MHz	Included	-
SSA3000X Plus Series	SSA3021X Plus	9 kHz - 2.1 GHz	100 kHz - 2.1 GHz	-	-161 dBm/Hz	1 Hz - 1 MHz	Included	-
	SSA3032X Plus	9 kHz - 3.2 GHz	100 kHz - 3.2 GHz	-	-161 dBm/Hz	1 Hz - 1 MHz	Included	-
	SSA3075X Plus	9 kHz - 7.5 GHz	100 kHz - 7.5 GHz	-	-165 dBm/Hz	1 Hz - 3 MHz	Included	-
SVA1000X Series	SVA1015X	9 kHz - 1.5 GHz	100 kHz - 1.5 GHz	100 kHz-1.5 GHz	-156 dBm/Hz	1 Hz - 1 MHz	Included	-
	SVA1032X	9 kHz - 3.2 GHz	100 kHz - 3.2 GHz	100 kHz-3.2 GHz	-161 dBm/Hz	1 Hz - 1 MHz	Included	-
	SVA1075X	9 kHz - 7.5 GHz	100 kHz - 7.5 GHz	100 kHz-7.5 GHz	-165 dBm/Hz	1 Hz - 3 MHz	Included	-

	Model	Swept Analyzer Bandwidth	TG Frequency Range	VNA (S11,S21) Range	DANL	RBW	Touch Screen, Web Control, Mouse/Keyboard Support	Real Time
	SSA3032X-R	9 kHz - 3.2 GHz	100 kHz - 3.2 GHz	100 kHz-3.2 GHz	-165 dBm/Hz	1 Hz - 3 MHz	Included	Included
SSA3000X-R Series	SSA3050X-R	9 kHz - 5 GHz	100 kHz - 5 GHz	100 kHz-5 GHz	-165 dBm/Hz	1 Hz - 3 MHz	Included	Included
	SSA3075X-R	9 kHz - 7.5 GHz	100 kHz - 7.5 GHz	100 kHz-7.5 GHz	-165 dBm/Hz	1 Hz - 3 MHz	Included	Included
SSA5000A Series	SSA5083A	9 kHz - 13.6 GHz	-	-	-165 dBm/Hz	1 Hz - 10 MHz	Included	25 MHz (option), 40 MHz (option)
	SSA5085A	9 kHz - 26.5 GHz	-	-	-165 dBm/Hz	1 Hz - 10 MHz	Included	25 MHz (option), 40 MHz (option)

SIGLENT Analyzer Options:

	Model	Swept Analyzer Bandwidth	Options	AMK details	Digital Modulation (DMA option) details	EMI Option details
SSA3000X Series	SSA3021X	9 kHz - 2.1 GHz	AMK, EMI, REFL (1)	CHP/ACPR/TOI/OBW/Monitor	-	200 Hz, 9 kHz, 120 kHz
	SSA3032X	9 kHz - 3.2 GHz	AMK, EMI, REFL (1)	CHP/ACPR/TOI/OBW/Monitor	-	200 Hz, 9 kHz, 120 kHz

	Model	Swept Analyzer Bandwidth	Options	AMK details	Digital Modulation (DMA option) details	EMI Option details
SSA3000X Plus Series	SSA3015X Plus	9 kHz - 1.5 GHz	AMK, EMI, REFL, AMA, DMA (2)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
	SSA3021X Plus	9 kHz - 2.1 GHz	AMK, EMI, REFL, AMA, DMA (2)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
	SSA3032X Plus	9 kHz - 3.2 GHz	AMK, EMI, REFL, AMA, DMA (2)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
	SSA3075X Plus	9 kHz - 7.5 GHz	AMK, EMI, REFL, AMA, DMA (2)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
	SVA1015X	9 kHz - 1.5 GHz	AMK, EMI, REFL, AMA, DMA (3)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
SVA1000X Series	SVA1032X	9 kHz - 3.2 GHz	AMK, EMI, REFL, AMA, DMA (3)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
	SVA1075X	9 kHz - 7.5 GHz	AMK, EMI, REFL, AMA, DMA (3)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
	SSA3032X-R	9 kHz - 3.2 GHz	AMK, EMI, REFL, AMA, DMA (4)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
SSA3000X-R Series	SSA3050X-R	9 kHz - 5 GHz	AMK, EMI, REFL, AMA, DMA (4)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz
	SSA3075X-R	9 kHz - 7.5 GHz	AMK, EMI, REFL, AMA, DMA (4)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR	ASK/FSK/PSK/QAM	200 Hz, 9 kHz, 120 kHz, 1 MHz

Model	Swept Analyzer Bandwidth	Options	AMK details	Digital Modulation (DMA option) details	EMI Option details
SSA5000A Series	SSA5083A	9 kHz - 13.6 GHz	AMK, Preamplifier, OCXO, Real time (25 MHz), Real time (40 MHz), upgrade to 26.5 GHz	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR -	-
	SSA5085A	9 kHz - 26.5 GHz	AMK, Preamplifier, OCXO, Real time (25 MHz), Real time (40 MHz)	CHP/ACPR/TOI/OBW/Monitor/Harmonic/CNR -	-

Tracking Generator included free with all SSA3000X, Plus, SVA, and X-R series analyzers

1- SSA3000X options

AMK - [Advanced measurement kit](#)

EMI - [Electromagnetic Precompliance option](#)

REFL- [VSWR/Reflection coefficient measurement option requires an external return loss bridge or coupler like SIGLENT RB3X25](#)

2- SSA3000X Plus options

AMK - [Advanced measurement kit](#)

EMI - [Electromagnetic Precompliance option](#)

REFL- [VSWR/Reflection coefficient measurement option requires an external return loss bridge or coupler like SIGLENT RB3X25](#)

AMA- [Analog Modulation Analysis](#)

DMA- [Digital Modulation Analysis](#)

3- SVA1000X Options

AMK - [Advanced measurement kit](#)

EMI - [Electromagnetic Precompliance option](#)

AMA- [Analog Modulation Analysis](#)

DMA- [Digital Modulation Analysis](#)

4- SSA3000X-R Options

AMK - [Advanced measurement kit](#)

EMI - [Electromagnetic Precompliance option](#)

AMA- [Analog Modulation Analysis](#)

DMA- [Digital Modulation Analysis](#)

Here are quick links to the product categories:



[SSA5000A](#)

[SSA3000X-R](#)

[SSA3000X Plus](#)

[SSA3000X](#)

[SVA1000X](#)



### **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](mailto:info@siglent.com)  
[www.siglentamerica.com/](http://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](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)