

## View two limit lines using EasySpectrum

### December 18, 2018

This operating tip describes how to activate two limits using Monitor mode in SIGLENTs EasySpectrum software:

Open monitor mode by right-clicking on the instrument you wish to control:



Select Limit, Set the Type to Point, and then Edit:



# SIGLENT<sup>™</sup>



Now, change the units and configure the points.. pressing Add to add them to the list:

# **SIGLENT**<sup>°</sup>

	AMPT	BW	SWEEP	TRACE	MARKER	PEAK	TRIGGER	LIMIT	TG	MEAS	PRESET	П
0	Ref 0.00 di	3m		Att 20.00 dE	}							Lin
0												
-10			Limit Ed	lit								X
-20			Load	Limit			~	Free	quency(Hz)	Ampli	tude(dBm)	
-30				• •••				16	0000000		0.00	
-30			Edit	limit			Add					
-40				requency(Hz)		R	teplace					
			A	mplitude(dBm)		i i	Delete					
-50				0.00			Clear					
-60			A	mplitude Unit			Save					
	4.5. <b>11</b> 5. <b>1</b> 15. <b>1</b> 15. <b>1</b> 15. <b>1</b> 15. <b>1</b> 15. <b>1</b> 15. <b>1</b> 15.115.115.115.115.115.115.115.115.11		w/	iBm 🗸			Load					
-70	A.1. 16											
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-80										ОК	Cano	el
-90												
-90												

Now, save the file...

# SIGLENT<sup>°</sup>

nit Edit				>	
Load Limit		Frequency(Hz)	Amplitude(	(dBm)	
	×	150000	-40.99	9	
Edit Limit		500001	-50.99		
Frequency/Hz)	Add	5000000	-50.99	)	
Frequency(Hz)	Deplace	5000000	-50.99	)	
150k	керіасе	5000001	-46.99	)	
Amplitude (dPm)	Delete	3000000	-46.99	)	
-40.99	Clear				
Amplitude Unit	Save				
dBm	Load		2		
			ок	Cancel	
				Contect	

Now, you can activate the limit by selecting the "Limit State" to  $\mathsf{ON}\ldots$ 

EasySpectrum	_ 🗆 X
<u>F</u> ile <u>V</u> iew Instrument <u>H</u> elp	
Devices and Interfaces Monitor #SSA3XJB4160644	
TE TEADDOX TUERDO DE LECTO FREQ AMPT BW SWEEP TRACE MARKER PEAK TRIGGER	Display LIMIT TG MEAS PRESET
SASUSZA USDUMWARECHU	
Ref 106.99 dBuV Att 20.00 dB	
10 d8	
97	
Erec 87	Stop On Fail
LoPwr	ON/OFF Stop Test
Cont 77	
67	Upper V Edit
57	Limit Mode Delete
	Line Amplitude Limit State
A CW 47	106.99 dBuV V
<sup>32</sup> Wild in Mahadi Maradi in Mila Mahadi Jaharadi in Mila Mahadi in Mila Mahadi in Mahadi Angela Mahadi Angela Mahadi in Mila Mula Mula Mula Mula Mula Mula Mula Mu	n de la canada alte actual a curte da la cante al kala da Mari
27	
17	
Center 15.000000 MHz RRW 300.000 kHz VRW 300.000 kHz	Span 30.00000 MHz SWT 24.000 ms

You can load a saved limit, edit, and save as a new file to build new limits.

Then load it for Limit2 and activate both lines.

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