The following screenshots provide instruction on the setup, functionality, and operation of the CX-300 SCLC (Software Configurator Checklist) option.

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				Analog					-	
Mode	Communicati	ons Test 🖊 Mea	sure Analog		DX Test	TX Test	RX Test	ê		_
RF Generator Off Frequency 500 Level-130.0 dBm M	RF Duplex 0.000 000 MHz Mod FM	M1 Sine 1000.0 Hz M2 Sine 300.0 Hz M3 Sine 3.4000 kHz	2.5000 kHz 2.5000 kHz 2.5000 kHz	RF Receiver Port Frequency IF BW 25 kHz	RF Duplex 500.000 000 MHz Demod FM	Filter	None	A1 Sine A2 Sine A3 Sine	1000.0 Hz 300.0 Hz 3.4000 kHz	100. 100. 100.
RF Power	57 39 dBm	← RF Power	dB	sm) w •••	⊃ C +	← Channel /	Analyzer			8
RF Error	57.59 abiii					0.0 Scale U	nit: dBm			
Live	-81.6 Hz		-60	-50		-10.0				_ 「
SINAD Demod	0.03 dB	-70	-00 E7 20 /	-40 -40	-30 dBm	-20.0				
FM Deviation	0.00 42	-00 0011	-57.590	ивтп	-50 0011	-30.0				-
(Pk-Pk)/2 Live 2	23.151 kHz	Lower Limit 🏾 🕥	0.00 U	Jpper Limit 🛛 🕕	30.00	-40.0				_
AF Level AF Input 1 AC Live	0 V	RF Power Over 1	ime		5.7 KW	-50.0				
AF Counter		-30.0 Scale Unit: 0	lBm			-60.0				
Live 9	9.0625 kHz	-40.0				-70.0		6 I I .	ا مە	
AC Live	0 V	-60.0				-80.0			494 19 19 19 19 19 19 19 19 19 19 19 19 19	
		-70.0 -80.0				-100.0			L. M. A. DIMIT	
						Center	500.000 000 MHz	Span	100.0000 k	Hz
RF Generator	Gen Frequen	cy Level	Mod Ge	en PTT Ou	tput Receiver	Frequency	AF Gen		f≣	()
On Off	500.000 000 M	Hz -130.0 dBm	1 2	3 On (off 500.000	0 000 MHz	1 2 3	Freq Find	Normali	ze
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	⊕ Chapter 6 Performing Tests and Measurements	E C	
~	⊕ Chapter 7 Managing Files and Reports		
	⊕ Chapter 8 Care, Maintenance, and Troubleshooting		
	⊕ Appendix A CX300 ComXpert Specifications		
	Appendix B Glossary		
	CX300 Operation Manual		
	⊕ User Manual		

Figure 2 - Error if SCLC Option missing

Figure 1 - "Help (question mark)" button brings up manual (HTML5 version)

🔒 Home	pert			l l l l l l l l l l l l l l l l l l l	🕕 🛠 🍳 🔽 12:06 AM
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System	results	Main.htm 4.71 KiB 10/1/24 9:13 PM
	screenshots	
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Figure 3 - Copy files from 'Example' folder to one level up

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Favorites	System >	Files		CX300 Version 24275
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lob Manager	freqLists	YourCustomFile2.htm	3.59 KIB 10/1/24 9:13 PM	
	iqFiles	YourCustomFile1.htm	3.60 KIB 12/11/24 5:44 PM	
System	oneViewer	toc.json	178 bytes 10/1/24 9:13 PM	
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	 Chapter 8 Care, Maintenance, and Troubleshooting 		
	 Appendix A CX300 ComXpert Specifications 		
	Appendix B Glossary		
	CX300 Operation Manual		
	⊕ User Manual		

Figure 4 - Need to refresh page by select back button icon.

<mark> </mark>	CX300 ComXper	t					-	🛠 'વે' 🔽	1:04 02/01
Mod	le Communicatio	ons Test 🖌 Mea	sure Analog	Analog DX Test	TX Test	RX Test	Â	+	1
RF Generator Off Frequency 5 Level-130.0 dBm	f RF Duplex 500.000 000 MHz Mod FM	M1 Sine 1000.0 Hz M2 Sine 300.0 Hz M3 Sine 3.4000 kHz	2.5000 kHz RF Re 2.5000 kHz Frequ 2.5000 kHz IF BW	ceiver Port RF Duplex iency 500.000 000 MHz 25 kHz Demod FM	Filter	None	A1 Sine A2 Sine A3 Sine	1000.0 Hz 100. 300.0 Hz 100. 3.4000 kHz 100.	=
F Power ^{ve} RF Error	-57.39 dBm	FF Power	dBm)	w C +	← Channel 0.0	Analyzer nit: dBm		5.7 2 1	6
ve INAD emod ve M Deviation	-81.6 Hz 0.03 dB	-70 -80 dBm	-60 -50 -57.39 dBn	-40 n -30 dBm	-10.0 -20.0 -30.0				-
k-Pk)/2 /e F Level F Input 1 AC	23.151 kHz	Lower Limit	0.00 Upper	Limit 30.00	-40.0 -50.0				
re F Counter mod re VM re	9.0625 kHz 0 V	Scale Unit: 0 -30.0 -40.0 -50.0 -60.0 -70.0			-60.0 -70.0 -80.0 -90.0			lan ti tay kada sa pat Pana misa na mis	
RF Generator	Gen Frequend	cy Level	Mod Gen	PTT Output Receiver	-100.0 Center	500.000 000 MHz	Span	100.0000 kHz	E
On Off	500.000 000 M	Hz -130.0 dBm	1 2 3	On Off 500.00	0 000 MHz	1 2 3	Freq Find	J – 🗙 Normalize	



Figure 5 - Select 'load file' to open example setup 'Save_Test' file which is stored in the 'Internal/strataSync/setup/' directory.

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Mode Commu	Analog Cations Test / Measure Analog DX Test TX Test RX Test	+
RF Generator Off RF Dup requency 500.000 000 N evel-130.0 dBm Mod	Ex. M1 Sine 1000.0 Hz 2.5000 kHz RF Receiver Port RF Duplex Filter None 4z M2 Sine 300.0 Hz 2.5000 kHz Frequency 500.000 000 MHz Filter None M M3 Sine 3.4000 kHz 2.5000 kHz IF BW 25 kHz Demod FM	A1 Sine 1000.0 Hz 100. A2 Sine 300.0 Hz 100. A3 Sine 3.4000 kHz 100.
F Power -57.34 d	Im Im Im Im Im Im Im Im Im Im Im <td>50</td>	50
• -32.3	Hz -70 -60 -50 -40 -20.0	
mou 0.04 M Deviation K-PKJ/2 22.092	dB -80 dBm -57.34 dBm -30 dBm -30.0 Hz Lower Limit 30.00 -40.0 -40.0	
F Level Input 1 AC	• Concert Limit • Concert	
F Counter mod e 3.9541 	Hz -30.0 -40.0 -50	
i. Ie	→ V -60.0 -70.0 -80.0 -100.0 -100.0	
DE Conorator	Center 500.000 000 MHz S	ipan 100.0000 kHz
On Off 500.000	Do MHz -130.0 dBm 1 2 3 On Off 500.000 000 MHz 1 2 3 F	Find $J \equiv \mathbb{R}$
= +9		



Modifying the 'Example' files in folder to edit/add setup files

Edit the mock 'load_file' to change the link to point to a different setup file. Currently saved setup files:

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					,	Analog					
	Mode Comm	nunications	Test / N	ieasure A i	nalog		DX Test	TX Test	RX Test	🔒 Hold	
	Select	+ New		<mark>Гж</mark>		Delete					
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Nam	e	, _	Size	Type	Date Modif	ied					
Save	_ Digital.stav		408 KB	File	Tue Feb 1 1	7:33:48 2022 GM ⁻	r	File Name	Save_Test.stav	1	-
Save	 Test.stav		212 KB	File	Tue Feb 1 0	1:49:54 2022 GM ⁻	r	Mode	Communicati	ons Test	
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								Clos	e	Load	
1					٨				0		0

Figure 7 - These save states will be referenced in the example files.

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Favorites	🤤 System > 🧉	Files			CX300 Version 24	4275
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lests	cables	Name	▲ Size	Date Modified		
Ich Managor	freqLists	YourCustomFile2.htm	3.59 Ki	IB 10/1/24 9:13 PM		
Job Manager	iqFiles	YourCustomFile1.htm	3.60 Ki	IB 12/11/24 5:44 PM		
Sustam	oneViewer	toc.json	178 byte	es 10/1/24 9:13 PM		
System	reports	Main.htm		IB 10/1/24 9:13 PM		
	results	Open Copy	💑 Cut 🛛 🧊 Delete 🏒	Rename		
	screenshots	Example		1/31/22 2:43 AM		
	setup					
	vna_cable					
	disk					
	docs					
	downloads					
	homescreen					
	icons					
	job-manager					
	licenses					
	User-Manuals					
	videos					
	🔁 New Folder					
	21.64 GB of 28.02 GB fr	ee			Total 4 KB in selected	d file

Copy the 'Main.htm' file to a USB stick and open it in a text editor.

Modify the line below replacing the path to the 'Save_Test' setup to another setup file (examples using 'Save_Digital' from figure 7).

Changing 'Save_Test' to 'Save_Digital'

Before:		
"> <a href="#" onclick="handleLinkCl</th><th>lick(event, '<u>http://localhost:5555/v1/cx300/load/strataSync/setup/Save_Test'</u>)">load file<mark></mark> .		
After:		
"> <a href="#" onclick="handleLinkClick</th><th>k(event. 'http://localhost:5555/v1/cx300/load/strataSync/setup/Save Digital')">load file		

Save the 'Main.htm' file. Delete the existing file from the CX300 and copy the modified file from the USB to the same location.

Open the manual by clicking on the button. Proceed to click on the 'load_file' link in the 'Load a simple Setup File' section. The link now opens a different setup file. In this example the link now opens the 'Save_Digital' setup file.



Figure 8 - 'Save_Digital' setup file