

General Information

Model Name: Chroma Customer: Serial No: 0000000001  
 Order No.: Lot No.: Total Load No.: 7  
 Environment: Inspector: root  
 YYYY\_MM\_DD: Begin Time: End Time: PM 01:43:09

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 SEQ.1: Set Up Function (TC-700R) ----- PASS

Vin\_Port (1-4) = 1 Vin type = AC  
 ON Phase (mS) = 0.000 OFF Phase = 0.000  
 Setup off(Sec) = 0.100 PAUSE function= N  
 Display Message= PLEASE PRESS

Relay status: Pre value-1 = 01 Pre value-2 = 01  
 TTL status : Pre value-1 = 0000 Pre value-2 = 0000  
 Change state delay: For relay = 0 For TTL = 0  
 Ext. device GPIB address = \* GPIB EOS byte = 1  
 Message for ext. device = V10

Load Name	MODE	Ifs	Vfs	Meas	BITS
1.	5V I	50	10	UUT	0000

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 SEQ.2: Turn On & Sequence Test (115V PG) ----- PASS

Vin Port = 1 Vin Type = AC  
 ON Phase delay = 0.000 OFF Phase delay = 0.000  
 Vin = 115.000 Fin = 60.0  
 UUT OFF time = 0.300

Load Name	MODE	Ifs	Vfs	Meas.	Von	BITS	Rise	I/R
1.	5V I	50	10	UUT	3.500	0000	0.100	25.000

Ld	START TRIGG NO.	START TRIGG LEVEL	END TRIGG NO.	END TRIGG LEVEL	Va	Vb	Vos Check	Vos Reading
1.	1	H	7	H	4.750	5.250	N	-----

Ld	Ton Max	Ton Min	Ton Read	Tsb Min	Tsb Read
1.	800.000	100.000	215.104	*	> 1.024

Ref Ton from LOAD: \*  

	Max	Min	Reading/+	Reading/-
Iinruch	65.000		45.601	54.937
Tds	*	*	0.000	
Tdl	*	*	215.104	
Tdls	*		215.104	

Ld	Tons	Source	LOAD No.	Td Max	Td Min	Td Read
1.	*			*	*	-----

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 SEQ.3: Hold On Adjust (115V MIN LOAD) ----- PASS

Vin = 115.000 Fin = 60.0 Delay Time = 0.300

Load Name	MODE	Ifs	Vfs	Meas.	Vdc Filter	Von	BITS
1.	5V I	50	10	UUT	300	5.055	0000

Ld	I/R	Slew Rate	Vdc Max	Vdc Min	Vdc Read
1.	1.000	0.100	5.105	5.005	5.066

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SEQ.4: Hold On Adjust (115V MAX LOAD) ----- PASS

Vin = 115.000      Fin =      60.0      Delay Time =      0.300

Load Name	MODE	Ifs	Vfs	Meas.	Vdc Filter	Von	BITS
1.	5V	I	50	10	UUT	300	3.500 0000

Ld	I/R	Slew Rate	Vdc Max	Vdc Min	Vdc Read
1.	15.000	0.100	5.040	4.940	4.986

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SEQ.5: Hold On Adjust (230V MAX LOAD) ----- PASS

Vin = 230.000      Fin =      50.0      Delay Time =      0.300

Load Name	MODE	Ifs	Vfs	Meas.	Vdc Filter	Von	BITS
1.	5V	I	50	10	UUT	300	3.500 0000

Ld	I/R	Slew Rate	Vdc Max	Vdc Min	Vdc Read
1.	25.000	0.100	5.250	4.750	4.953

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SEQ.6: Extended Measurement Test (REMOTE OFF) ----- PASS

Vin = 230.000      Fin =      50.0      Delay Time =      0.300

Load Name	MODE	Ifs	Vfs	Meas.	Von	BITS	Slew Rate	I/R
1.	5V	I	50	10	UUT	3.500 0000	0.100	16.000

Ld	Vdc Max	Vdc Min	Vdc Read
1.	0.100	*	0.001

Relay status:      Pre value-1 =      00      Pre value-2 =      00  
Relay status:      Post value-1 =      00      Post value-2 =      01  
TTL status :      Pre value-1 =      0000      Pre value-2 =      0000  
TTL status :      Post value-1 =      0000      Post value-2 =      0000  
Change state delay: For relay =      0      For TTL =      0

Test No.	Test Name	Port	Meas.	Type	Spec. Max	Spec. Min	Meas. Read
1.		*		DC	*	*	-----
2.		*		DC	*	*	-----
3.		*		DC	*	*	-----
4.		*		DC	*	*	-----
5.		*		DC	*	*	-----
6.		*		DC	*	*	-----
7.		*		DC	*	*	-----
8.		*		DC	*	*	-----
9.		*		DC	*	*	-----
10.		*		DC	*	*	-----

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SEQ.7: Set Up Function (TURN ON) ----- PASS

Vin\_Port (1-4) =      1      Vin type =      AC  
ON Phase (mS) =      0.000      OFF Phase =      0.000  
Setup off(Sec) =      0.100      PAUSE function=      N  
Display Message=      PLEASE PRESS

Relay status:      Pre value-1 =      01      Pre value-2 =      01

TTL status : Pre value-1 = 0000 Pre value-2 = 0000  
 Change state delay: For relay = 0 For TTL = 0  
 Ext. device GPIB address = \* GPIB EOS byte = 1  
 Message for ext. device = V10

Load Name	MODE	Ifs	Vfs	Meas	BITS
1.	5V	I	50	10	UUT 0000

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 SEQ.8: Short Circuit Test (+12V SHORT) ----- PASS

Vin = 230.000 Fin = 50.0 Delay Time = 0.300  
 Short Time = 1.000 UUT OFF Time = 0.300 Which Load = 2

Load Name	MODE	Ifs	Vfs	Meas.	Von	BITS	Slew Rate	I/R
1.	5V	I	50	10	UUT	3.500	0000	0.100 16.000

Ld	Vdisable Max	Vdisable Min	Vdisable Read
1.	1.000	*	0.001

Relay status: Pre value-1 = 01 Pre value-2 = 01  
 Relay status: Post value-1 = 01 Post value-2 = 00  
 TTL status : Pre value-1 = 0000 Pre value-2 = 0000  
 TTL status : Post value-1 = 0000 Post value-2 = 0000  
 Change state delay: For relay = 0.500 For TTL = 0.000

	Maximum	Minimum	Reading/+	Reading/-
Isc-pk	*		150.525	
Isc-rms	*	*	0.002	
Iin-pk	*	*	0.747	0.411
Pin	*	*	5.781	

Test No.	Test Name	Port	Meas.	Type	Spec. Max	Spec. Min	Meas. Read
1.		*		DC	*	*	-----
2.		*		DC	*	*	-----
3.		*		DC	*	*	-----
4.		*		DC	*	*	-----
5.		*		DC	*	*	-----
6.		*		DC	*	*	-----
7.		*		DC	*	*	-----
8.		*		DC	*	*	-----
9.		*		DC	*	*	-----
10.		*		DC	*	*	-----

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 SEQ.9: Set Up Function (TURN ON) ----- PASS

Vin\_Port (1-4) = 1 Vin type = AC  
 ON Phase (mS) = 0.000 OFF Phase = 0.000  
 Setup off(Sec) = 0.100 PAUSE function= N  
 Display Message= PLEASE PRESS

Relay status: Pre value-1 = 01 Pre value-2 = 01  
 TTL status : Pre value-1 = 0000 Pre value-2 = 0000  
 Change state delay: For relay = 0 For TTL = 0  
 Ext. device GPIB address = \* GPIB EOS byte = 1  
 Message for ext. device = V10

Load Name	MODE	Ifs	Vfs	Meas	BITS
1.	5V	I	50	10	UUT 0000

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 SEQ.10: Input/Output Test (230V PF&EFF) ----- PASS

Vin = 230.000 Fin = 50.0 Delay Time = 0.300 Meas. Time = 0.500

Load Name MODE Ifs Vfs Meas. BITS Vdc Filter Noise Filter Von  
1. 5V I 50 10 UUT 0000 300 20M 3.500

Iinrms Max Min Reading Iinpk+ Max Min Reading  
\* \* 3.920 \* \* 6.310  
Pin 925.0000 850.0000 896.070 Iinpk- 6.260  
Pdc \* \* 674.201 Pf 1.000 0.960 0.992  
Eff \* 65.000 75.240 Vin 264.000 90.000 230.270

Ld RISE I/R Idc Max Idc Min Idc Read Vn Max Vn Read  
1. 0.100 25.000 \* \* 24.953 \* 0.006

Ld Vdc Max Vdc Min Vdc Read Vpp Max Vpp Min Vpp Read  
1. 5.250 4.750 4.952 0.075 \* 0.051

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SEQ.11: Combine Regulation Test (NOR-MIN-MAX 230V) ----- PASS

Vin Port-1 = 1 Vin Port-2 = 1 Vin Port-3 = 1  
Vin-1 = 230.000 Vin-2 = 230.000 Vin-3 = 230.000  
Fac = 50.0 Fac-2 = 50.0 Fac-3 = 50.0  
Delay Time = 0.300 Meas. Time = 0.500

Load Name MODE Ifs Vfs Meas. Vdc Filter Noise Filter Von  
1. 5V I 50 10 UUT 300 20M 3.500

Ld BITS-1 BITS-2 BITS-3 SLEW Rate I/R-1 I/R-2 I/R-3  
1. 0000 0000 0000 0.100 16.000 25.000 1.000

Ld Vdc Max Vdc Min Vdc-1 RD Vdc-2 RD Vdc-3 RD  
1. 5.250 4.750 4.987 4.951 5.065

Ld Vpp Max Vpp Min Vpp-1 RD Vpp-2 RD Vpp-3 RD  
1. 0.075 \* 0.033 0.049 0.019

Ld dV(+) Max dV(-) Max dV-21 RD dV-31 RD  
1. \* \* -0.036 0.078

Ld Vn Max Vn-1 Read Vn-2 Read Vn-3 Read  
1. \* 0.004 0.006 0.002

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SEQ.12: Line Regulation Test (230-264-180V) ----- PASS

Vin Port-1 = 1 Vin Port-2 = 1 Vin Port-3 = 1  
Vin-1 = 230.000 Vin-2 = 264.000 Vin-3 = 180.000  
Fac = 50.0 Fac-2 = 47.0 Fac-3 = 50.0  
Delay Time = 0.300 Meas. Time = 0.500

Load Name MODE Ifs Vfs Meas. Vdc Filter Noise Filter Von  
1. 5V I 50 10 UUT 300 20M 3.500

Ld BITS-1 BITS-2 BITS-3 SLEW Rate I/R  
1. 0000 0000 0000 0.100 25.000

Ld Vdc Max Vdc Min Vdc-1 RD Vdc-2 RD Vdc-3 RD  
1. 5.250 4.750 4.951 4.951 4.951

Ld Vpp Max Vpp Min Vpp-1 RD Vpp-2 RD Vpp-3 RD  
1. 0.075 \* 0.050 0.051 0.049

Ld dV(+) Max dV(-) Max dV-21 RD dV-31 RD  
1. \* \* 0.000 0.000

Ld Vn Max Vn-1 Read Vn-2 Read Vn-3 Read  
1. \* 0.006 0.006 0.006

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SEQ.13: Combine Regulation Test (230-264-180V N-MA-MI) ----- PASS

Vin Port-1 = 1 Vin Port-2 = 1 Vin Port-3 = 1  
Vin-1 = 230.000 Vin-2 = 264.000 Vin-3 = 180.000  
Fac = 50.0 Fac-2 = 47.0 Fac-3 = 50.0  
Delay Time = 0.300 Meas. Time = 0.500

Load Name MODE Ifs Vfs Meas. Vdc Filter Noise Filter Von  
1. 5V I 50 10 UUT 300 20M 3.500

Ld BITS-1 BITS-2 BITS-3 SLEW Rate I/R-1 I/R-2 I/R-3  
1. 0000 0000 0000 0.100 16.000 25.000 1.000

Ld Vdc Max Vdc Min Vdc-1 RD Vdc-2 RD Vdc-3 RD  
1. 5.250 4.750 4.987 4.951 5.065

Ld Vpp Max Vpp Min Vpp-1 RD Vpp-2 RD Vpp-3 RD  
1. 0.075 \* 0.032 0.047 0.019

Ld dV(+) Max dV(-) Max dV-21 RD dV-31 RD  
1. \* \* -0.036 0.078

Ld Vn Max Vn-1 Read Vn-2 Read Vn-3 Read  
1. \* 0.004 0.006 0.003

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SEQ.14: Set Up Function (TURN ON) ----- PASS

Vin\_Port (1-4) = 1 Vin type = AC  
ON Phase (mS) = 0.000 OFF Phase = 0.000  
Setup off(Sec) = 0.100 PAUSE function= N  
Display Message= PLEASE PRESS

Relay status: Pre value-1 = 01 Pre value-2 = 01  
TTL status : Pre value-1 = 0000 Pre value-2 = 0000  
Change state delay: For relay = 0 For TTL = 0  
Ext. device GPIB address = \* GPIB EOS byte = 1  
Message for ext. device = V10

Load Name MODE Ifs Vfs Meas BITS  
1. 5V I 50 10 UUT 0000

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SEQ.15: Hold Up & Sequence Test (HOLD UP TIME MAX) ----- PASS

Vin = 115.000 Fin = 60.0 Delay Time = 0.300 UUT OFF Time = 0.300

Load Name MODE Ifs Vfs Meas. Von BITS Rise I/R  
1. 5V I 50 10 UUT 3.500 0000 0.100 25.000

Ld START START END END  
TRIGG TRIGG TRIGG TRIGG Va Vb  
NO. LEVEL NO. LEVEL  
1. 1 L 7 L 4.750 5.250

Ld Thd Max Thd Min Thd Read Tsb Min Tsb Read  
1. \* 16.000 17.107 \* > 1.024

Ref Ton from LOAD: \*

	Max	Min	Reading
Tds	*	*	0.000
Tdl	*	*	744.100
Tdls	*		744.100

Ld	Thds	Source	LOAD No.	Td Max	Td Min	Td Read
1.		*	*	*	*	-----

SEQ.16: Turn On & Sequence Test (TURN ON) ----- PASS

Vin Port	=	1	Vin Type	=	AC
ON Phase delay	=	0.000	OFF Phase delay	=	0.000
Vin	=	115.000	Fin	=	60.0
UUT OFF time	=	0.300			

Load Name	MODE	Ifs	Vfs	Meas.	Von	BITS	Rise	I/R	
1.	5V	I	50	10	UUT	3.500	0000	0.100	25.000

Ld	START TRIGG NO.	START TRIGG LEVEL	END TRIGG NO.	END TRIGG LEVEL	Va	Vb	Vos Check	Vos Reading
1.	1	H	7	H	4.750	5.250	N	-----

Ld	Ton Max	Ton Min	Ton Read	Tsb Min	Tsb Read
1.	*	*	108.721	*	> 1.024

Ref Ton from LOAD: \*

	Max	Min	Reading/+	Reading/-
Iinruch	*		49.218	52.078
Tds	*	*	0.000	
Tdl	*	*	108.721	
Tdls	*		108.721	

Ld	Tons	Source	LOAD No.	Td Max	Td Min	Td Read
1.		*	*	*	*	-----

SEQ.17: Hold On Adjust (230V MAX LOAD) ----- PASS

Vin = 230.000    Fin = 50.0    Delay Time = 0.300

Load Name	MODE	Ifs	Vfs	Meas.	Vdc Filter	Von	BITS
1.	5V	I	50	10	UUT	300	3.500 0000

Ld	I/R	Slew Rate	Vdc Max	Vdc Min	Vdc Read
1.	15.000	0.100	*	4.940	4.996

SEQ.18: Input/Output Test (230V INPUT (W)) ----- PASS

Vin = 230.000    Fin = 50.0    Delay Time = 0.300    Meas. Time = 0.500

Load Name	MODE	Ifs	Vfs	Meas.	BITS	Vdc Filter	Noise Filter	Von
1.	5V	I	50	10	UUT	0000	300	20M 3.500

	Max	Min	Reading	Max	Min	Reading
Iinrms	*	*	1.210	Iinpk+	*	2.220
Pin	295.0000	250.0000	263.430	Iinpk-		2.200
Pdc	*	*	423.179	Pf	*	0.946
Eff	*	*	100.000	Vin	264.000	90.000 230.260

Ld	RISE	I/R	Idc Max	Idc Min	Idc Read	Vn Max	Vn Read
1.	0.100	15.000	*	*	14.975	*	0.001

Ld	Vdc Max	Vdc Min	Vdc Read	Vpp Max	Vpp Min	Vpp Read
1.	5.250	4.750	4.997	0.070	*	0.013

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SEQ.19: Hold On Adjust (230V MAX LOAD) ----- PASS

Vin = 230.000    Fin = 50.0    Delay Time = 0.300

Ld	Load Name	MODE	Ifs	Vfs	Meas.	Vdc Filter	Von	BITS
1.	5V	I	50	10	UUT	300	3.500	0000

Ld	I/R	Slew Rate	Vdc Max	Vdc Min	Vdc Read
1.	25.000	0.100	*	4.750	4.950

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SEQ.20: Hold Up & Sequence Test (PF) ----- PASS

Vin = 115.000    Fin = 60.0    Delay Time = 0.300    UUT OFF Time = 0.300

Ld	Load Name	MODE	Ifs	Vfs	Meas.	Von	BITS	Rise	I/R
1.	5V	I	50	10	UUT	3.500	0000	0.100	25.000

Ld	START TRIGG NO.	START TRIGG LEVEL	END TRIGG NO.	END TRIGG LEVEL	Va	Vb
1.	2	L	7	L	4.750	5.250

Ld	Thd Max	Thd Min	Thd Read	Tsb Min	Tsb Read
1.	*	1.000	29.025	*	> 1.024

Ref Ton from LOAD: \*

	Max	Min	Reading
Tds	*	*	0.000
Tdl	*	*	29.025
Tdls	*		29.025

Ld	Thds	Source	LOAD No.	Td Max	Td Min	Td Read
1.	*		*	*	*	-----

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