



Temperature test report 温度测试报告



Model 型号: SC-PSC24595-36WRGB 测试电压: 220V

Manufacture 制造厂商: Signcomplex



Time passes 时间经过: 2021/10/26 10:17 → 2021/10/26 19:17 .+...

Test position 测试位置:	0H	0.5H	1H	1.5H	2H	2.5H	3H	3.5H	4H	[*]	A	Max	STA
CBB capacitor CBB电容-CB2 (1)	26.42	73.54	88.91	93.24	94.29	94.32	94.08	94.58	95.29	...	94.95	105	OK
Transformer-Coil 变压器-线圈 (2)	26.4	96.89	116.1	121.1	122.3	122.4	121.8	121.9	122.6	...	120.3	120	OK
Transformer-core 变压器-磁芯 (3)	26.48	85.69	103.6	107.2	108.3	107.8	107.5	107.5	107.8	...	105.8	120	OK
FAMOS MOS管-D5 (4)	26.51	117.1	129.6	132.9	134	133.6	133.2	132.9	133.2	...	120.3	120	OK
Electrolytic capacitor 电解电容-EC3 (5)	26.61	90.16	101.8	105.4	106.9	107.1	107	106.9	107.2	...	105.3	105	OK
rectifier bridge 整流桥 (6)	26.62	65.48	75.04	77.74	78.2	78.12	77.92	78.34	78.77	...	77.28	120	OK
FAMOS MOS管-Q1 (7)	26.63	116.1	130.5	136.5	136.7	136.2	136.3	137.5	139.3	...	120.3	120	OK
IC IC-U1 (8)	26.6	80.8	95.6	100.1	100.9	100.8	100.6	101.2	102	...	99.99	120	OK
TC TC点 (9)	26.94	57.27	68.75	72.24	72.04	72.05	72.21	72.02	72.24	...	71.04	90	OK
Lamp bead pin-1 灯珠引脚 (10)	26.06	40.96	41.98	42.3	42.44	42.21	42.18	42.21	42.36	...	41.6	90	OK
Lamp bead pin-2 灯珠引脚 (11)	26.02	40.04	41.66	42.16	42.38	42.24	42.14	42.15	42.34	...	41.55	90	OK
Lamp bead pin-3 灯珠引脚 (12)	26.12	37.11	38.4	38.84	39.04	38.88	38.81	38.81	38.98	...	38.24	90	OK
Ambient temperature 环境温度 (13)	28.03	26.61	26.92	27.42	27.24	26.92	26.81	27.03	27.12	...	26.55	N/A	OK
input voltage V 输入电压 V (14)	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	...	215.6	N/A	OK
Input current A 输入电流 A (15)	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	...	0.203	N/A	OK
Input power W 输入功率 W (16)	43.38	43.38	43.38	43.38	43.38	43.38	43.38	43.38	43.38	...	42.65	N/A	OK
Output voltage V 输出电压 V (17)	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	...	#VALUE!	N/A	#VALUE!
Output current A 输出电流 A (18)	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	...	#VALUE!	N/A	#VALUE!

Note 备注: SP+ =0pcs, SMD 2835 VMA, P-LED=MA 0W, Tj=°C, RθJ-S=°C/W, K=0.9, TS=0°C

A、B分别代表某种测试条件下的平均值,其值取3.5-4H时间段的平均值; A、B represents the average value under certain test conditions, and its value is taken as the average value in the period of 3.5-4h.

Max是器件的最大限定使用温度, Max is the maximum allowable operating temperature of the device;

STA、STB是器件测试温度是否符合要求, STA、STB is whether the device test temperature meets the requirements;

A、B值小于Max值, A、B value is less than max value.

Test results 实验结果: NG

Ambient temperature: 26.77 °C

Humidity: 60.00 %

Test equipment: Agilent 34970-A

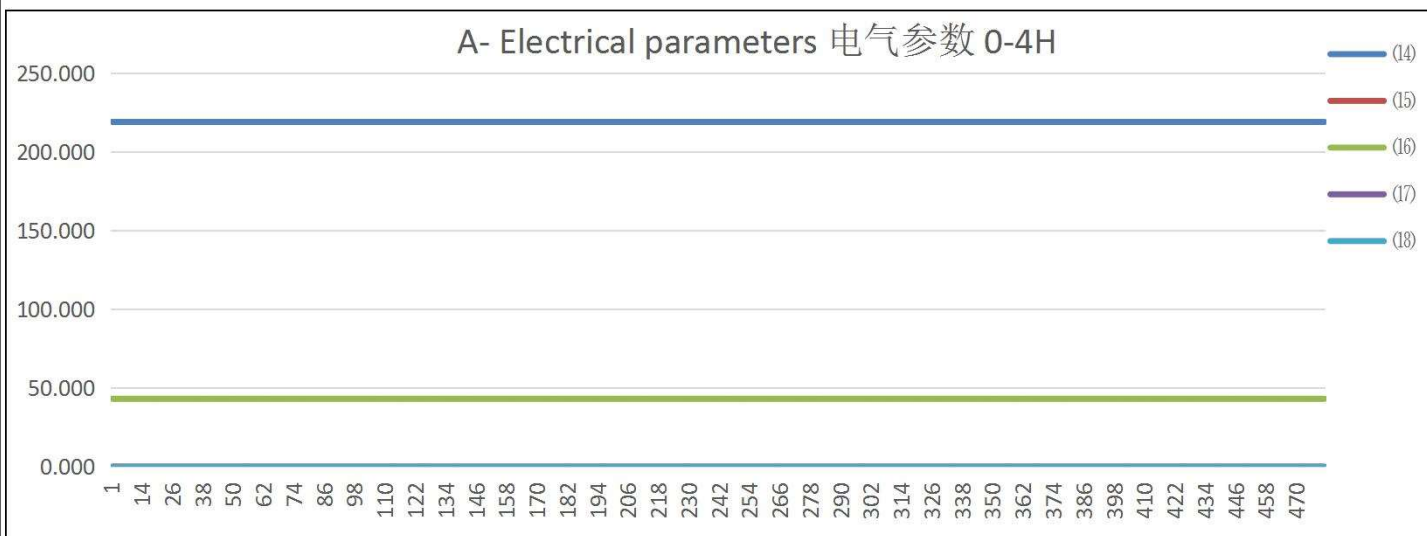
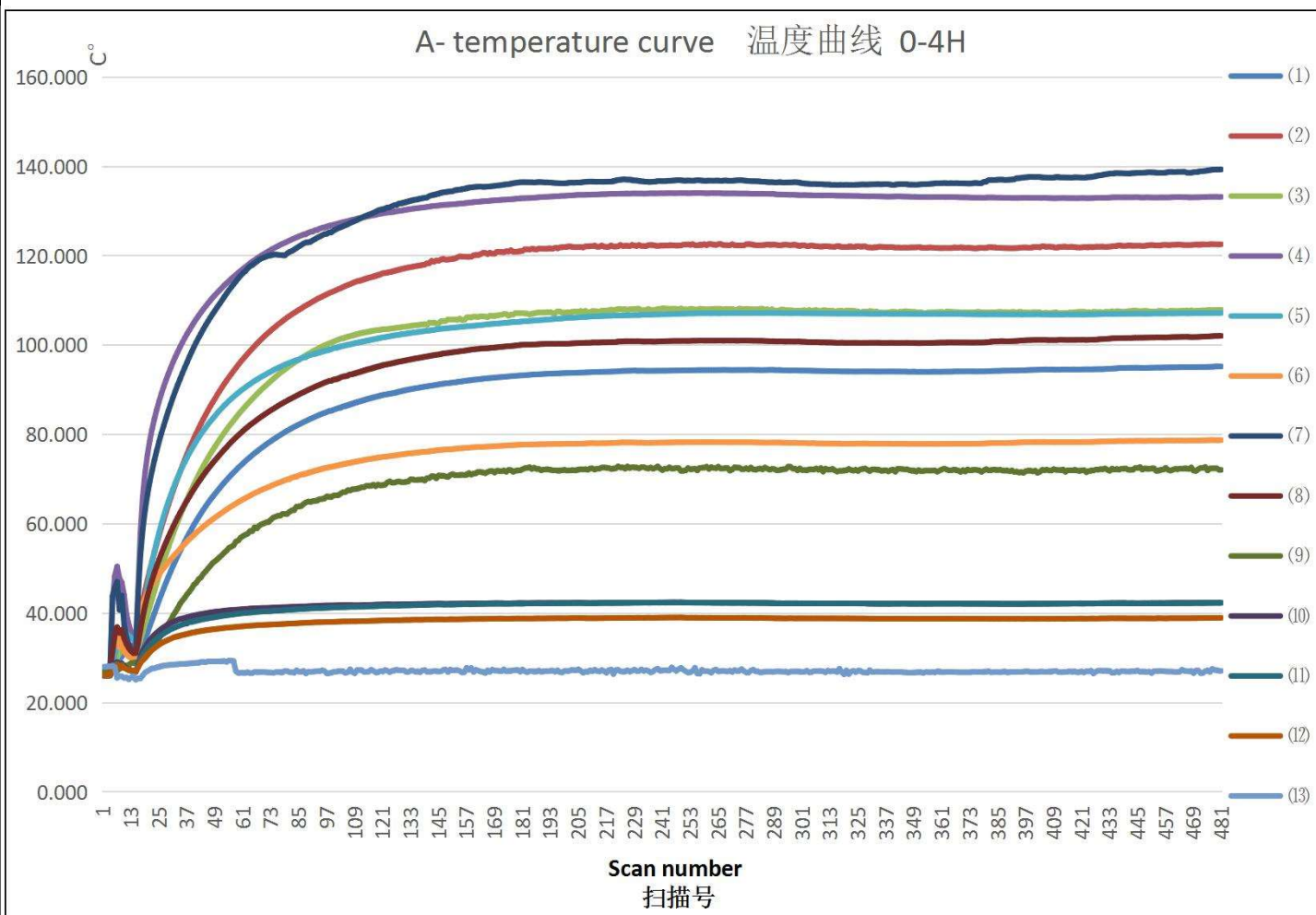
Test Engineer: 杨桂英

Test Date: 2021-10-26

Confirm 审核: 莫福美

review 复审: 莫福美

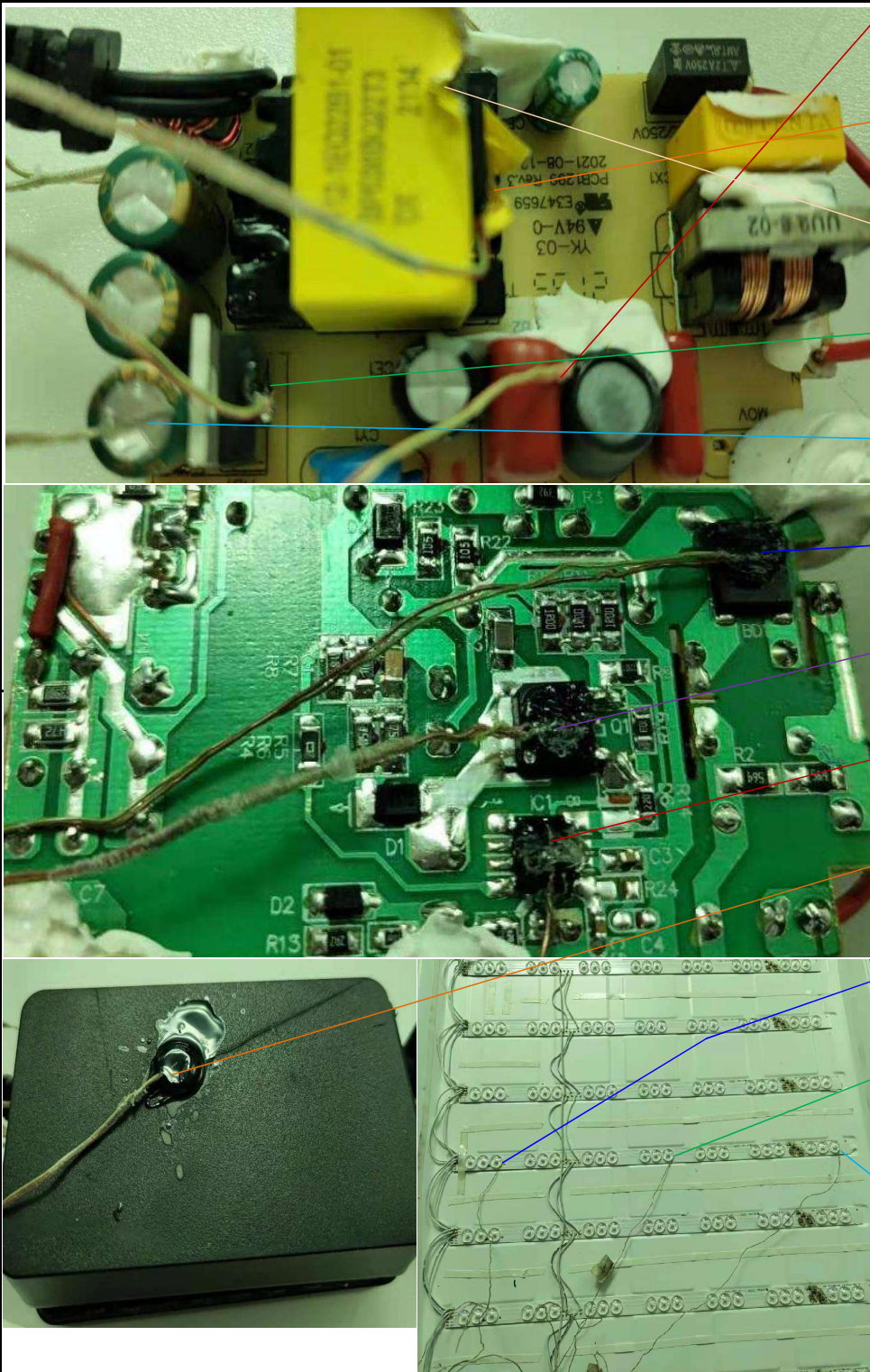
Test curve 测试曲线图



Ambient temperature: 26.77 °C
 Humidity: 60.00 %
 Test equipment: Agilent 34970-A

Confirm 审核: 莫福美

Test Engineer: 杨桂英
 Test Date: 2021-10-26
 review 复审: 莫福美

Reference diagram 参考图:


(1)	CBB capacitor	94.954
	CBB 电容-CB2	27
(2)	Transformer-Coil	120.28
	变压器-线圈	27
(3)	Transformer-core	105.82
	变压器-磁芯	27
(4)	FAMOS	120.28
	MOS管-D5	27
(5)	Electrolytic capacitor	105.29
	电解电容-EC3	27
(6)	rectifier bridge	77.282
	整流桥	27
(7)	FAMOS	120.28
	MOS管-Q1	27
(8)	IC	99.994
	IC-U1	27
(9)	TC	71.04
	TC点	27
(10)	Lamp bead pin-1	41.597
	灯珠引脚	27
(11)	Lamp bead pin-2	41.548
	灯珠引脚	27
(12)	Lamp bead pin-3	38.242
	灯珠引脚	27
(13)	Ambient temperature	26.548
	环境温度	27

Ambient temperature: 26.77 °C

Humidity: 60.00 %

Test equipment: Agilent 34970-A

Confirm

审核:

莫福美

Test Engineer: 杨桂英

Test Date: 2021-10-26

review

复审:

莫福美