

### Temperature rise testing Data for QA4 45W TYPE-C 100V AC&240V AC, both low voltage and high voltage test 4 hours in full load(Total 8 hours)

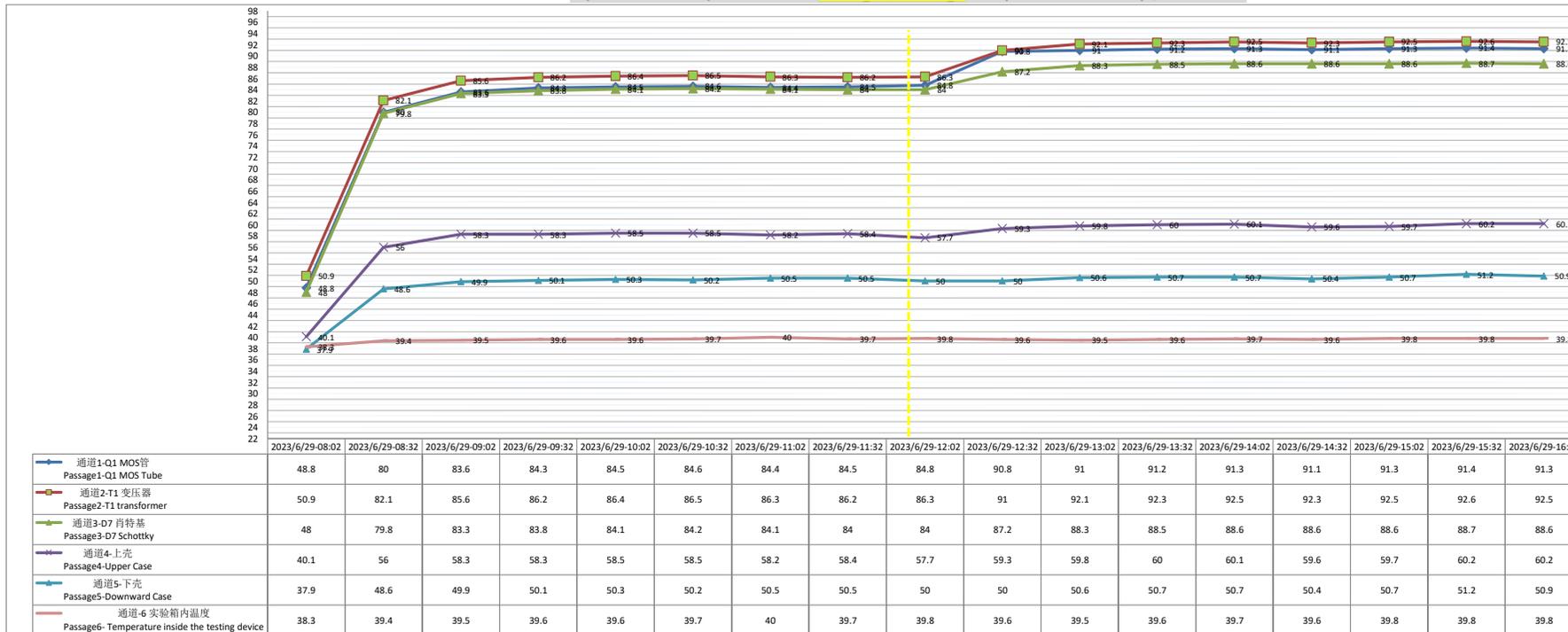
Ambient Temperature: 40 °C    Ambient Humidity: 30%RH

2023/6/29

采样时间 Record Time	通道1-Q1 MOS管 Passage1-Q1 MOS Tube	通道2-T1 变压器 Passage2-T1 transformer	通道3-D7 肖特基 Passage3-D7 Schottky	通道4-上壳 Passage4-Upper Case	通道5-下壳 Passage5-Downward Case	通道-6 实验箱内温度 Passage6- Temperature inside the testing device	环境温度℃ Ambient Temperature	湿度RH % Humidity
2023/6/29-08:02	48.8	50.9	48	40.1	37.9	38.3	40	30
2023/6/29-08:32	80	82.1	79.8	56	48.6	39.4	40	30
2023/6/29-09:02	83.6	85.6	83.3	58.3	49.9	39.5	40	30
2023/6/29-09:32	84.3	86.2	83.8	58.3	50.1	39.6	40	30
2023/6/29-10:02	84.5	86.4	84.1	58.5	50.3	39.6	40	30
2023/6/29-10:32	84.6	86.5	84.2	58.5	50.2	39.7	40	30
2023/6/29-11:02	84.4	86.3	84.1	58.2	50.5	40	40	30
2023/6/29-11:32	84.5	86.2	84	58.4	50.5	39.7	40	30
2023/6/29-12:02	84.8	86.3	84	57.7	50	39.8	40	30
2023/6/29-12:32	90.8	91	87.2	59.3	50	39.6	40	30
2023/6/29-13:02	91	92.1	88.3	59.8	50.6	39.5	40	30
2023/6/29-13:32	91.2	92.3	88.5	60	50.7	39.6	40	30
2023/6/29-14:02	91.3	92.5	88.6	60.1	50.7	39.7	40	30
2023/6/29-14:32	91.1	92.3	88.6	59.6	50.4	39.6	40	30
2023/6/29-15:02	91.3	92.5	88.6	59.7	50.7	39.8	40	30
2023/6/29-15:32	91.4	92.6	88.7	60.2	51.2	39.8	40	30
2023/6/29-16:02	91.3	92.5	88.6	60.2	50.9	39.8	40	30

### Temperature rise testing Data&Graph for QA4 45W TYPE-C

(8:02:00~12:02:00) ↓: 100VAC    Change ↓ Voltage    (12:02:00~16:02:00) ↓: 240VAC

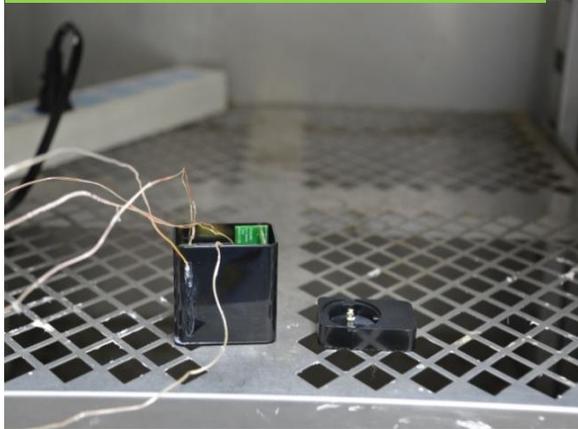


### Temperature rise testing Equipment and pictures

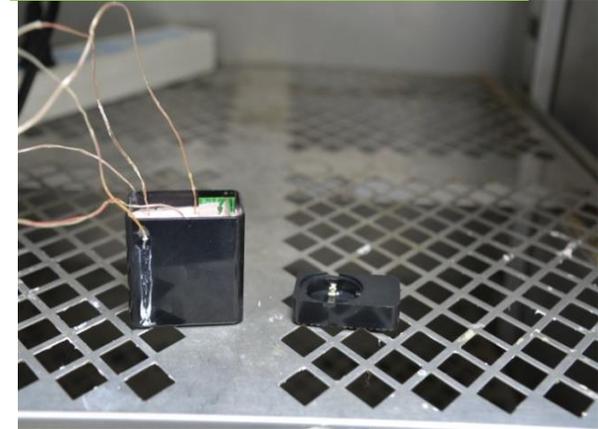
1 OF 7: Before Testing



2 OF 7: Put the temperature sensing Cable



3 OF 7: Add Thermal glue



4 OF 7: Load working in 240V AC



5 OF 7: Load working on 100V AC



6 OF 7: Power Adapter works in the testing Equipment



7 OF 7: All sence of the testing

