

K18X001.00 Verify CM choke_T1, FFC AMP Cable Burn Report



Prepared by: QE - Wake

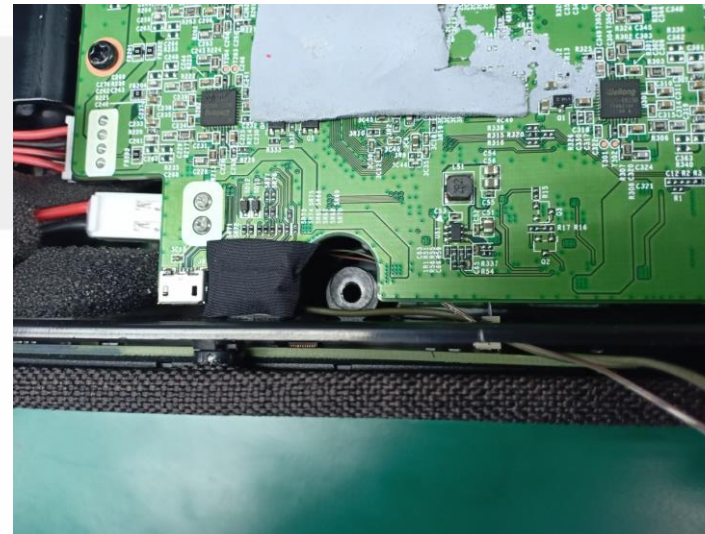
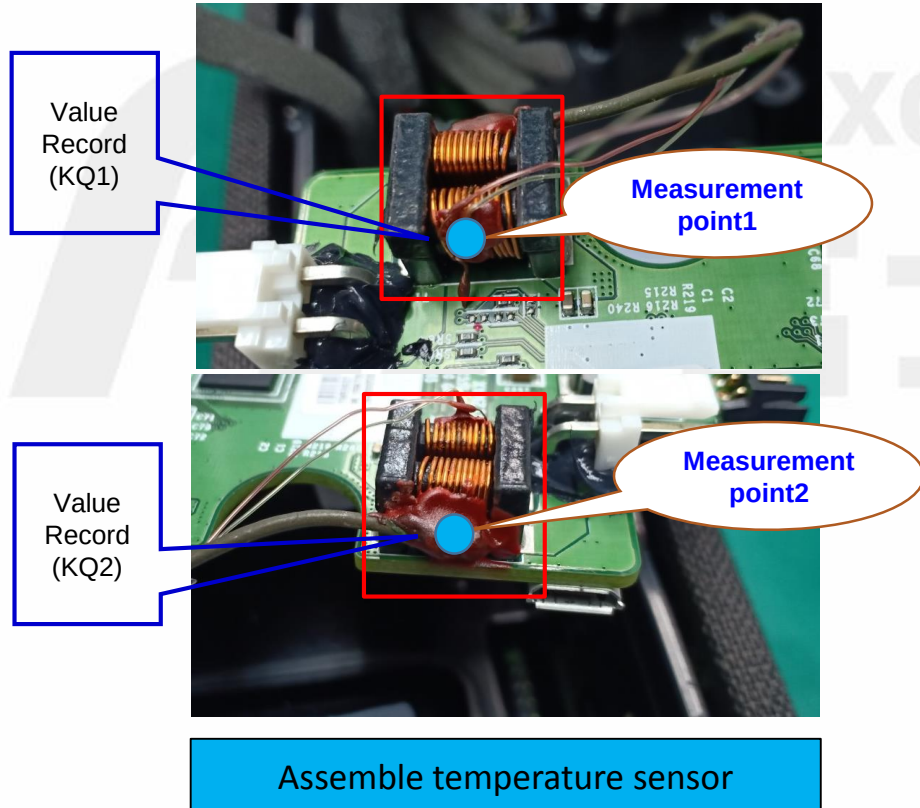
Date: 2022.04.12

Verify CM Choke_T1, FFC AMP Cable Burn

Equipment : 1. Thermometer * 1 unit
2. Sensor *1 unit
3. Thermocouple wire * 4 wires
4. USB Storage with 450 Hz Sine Tone Amplitude.

1. Set up verification environment.

Bonding the thermocouple to the CM choke_T1 each side & measure its temperature by sensor at 2 points.



Assemble 96.1531T00 into K18X001.00



Room Temperature



Assembly Full Housing

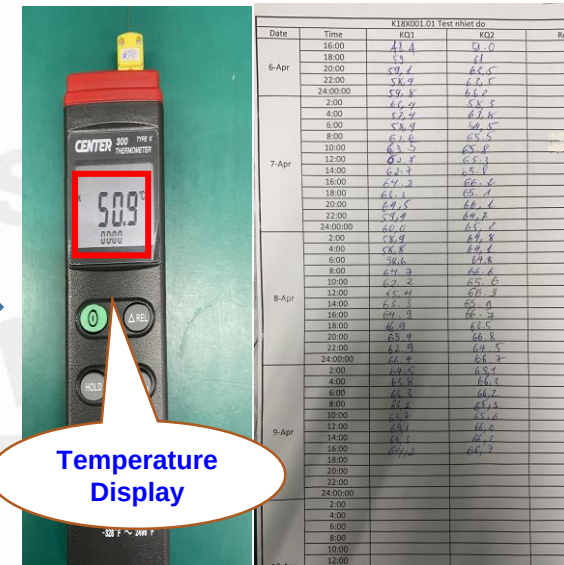
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2. Verification Method

- ✓ Play video 450Hz Sine Tone in USB with max volume during 72 hours.
- ✓ Check temperature of T1 while product working 2 hours/time by OP.



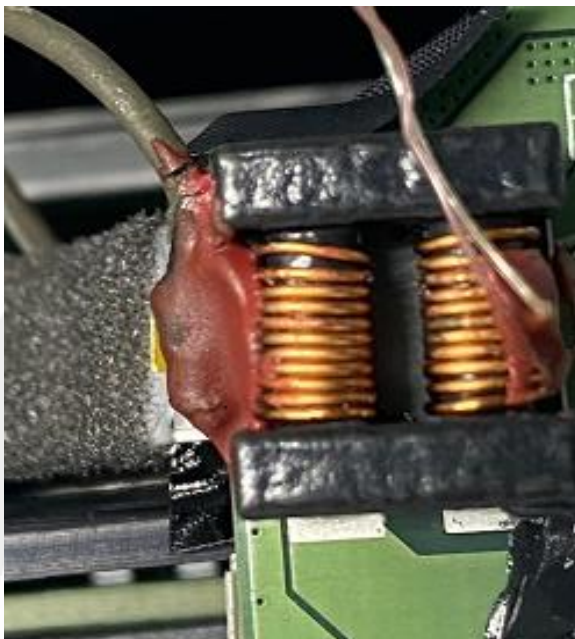
Play video 450Hz Sine Tone in USB with max volume



Check temperature 2H/time

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3. Verification Result



CM Choke_T1



FFC AMP

K18X001.01 Test nhiet do				
Date	Time	KQ1	KQ2	Ren
6-Apr	16:00	48.4	51.0	
	18:00	59	61	
	20:00	59.1	63.5	
	22:00	58.9	63.5	
	24:00:00	59.8	63.2	
7-Apr	2:00	63.4	63.3	
	4:00	52.4	63.8	
	6:00	58.9	64.5	
	8:00	62.6	65.5	
	10:00	63.5	65.8	
	12:00	62.8	65.3	
	14:00	62.7	65.8	
	16:00	64.2	66.2	
	18:00	65.3	65.1	
	20:00	64.5	66.1	
	22:00	59.4	64.7	
	24:00:00	60.0	65.2	
8-Apr	2:00	58.9	64.8	
	4:00	58.8	64.1	
	6:00	58.6	64.8	
	8:00	64.7	66.6	
	10:00	62.2	65.6	
	12:00	65.4	66.9	
	14:00	65.3	65.9	
	16:00	64.9	66.7	
	18:00	66.9	63.5	
	20:00	65.4	66.8	
	22:00	62.9	64.5	
	24:00:00	66.4	66.7	
9-Apr	2:00	64.5	63.1	
	4:00	63.8	66.3	
	6:00	63.3	66.2	
	8:00	63.2	65.5	
	10:00	65.7	65.6	
	12:00	64.1	66.0	
	14:00	64.3	66.2	
	16:00	64.2	66.7	
	18:00			

Temperature Record

❖ Summary:

Max temperater of Choke_T1 is 66.9°C. Both Choke_T1 & FFC AMP cable does not burn or abnormal issue.