



FAX

必维, 伴您自信前行

Date: Jun. 10, 2014 This document include: 5 Page(s)
 日期: 2014年6月10日 此文件包括:

To: TAILI INDUSTRIAL CO., LTD Fax number: 0577-88097700
 传真:

Attn.: Mr Weng JiaQiang

Object: USB SOCKET, TL2233 and other models

Our ref: TLI-14MY1707VTSP

(For forthcoming communications please use this reference)

Your Contact person: Joie JIN

Tel number: +86 21 61957000

Dear Mr Weng JiaQiang,

Regarding the EMC tests according to the requirement of the standards EN 55022: 2010 EN 55024: 2010 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2013 on your USB SOCKET, TL2233, we found some of EMC test items failed:

按照下列标准对您的产品 TL2233 进行 EMC 测试, 现经测试, 我们发现以下测试项目不通过:

Offer No.	TLI-14MY15-01VTSP-A0	After modification, need retest (estimate) 如需对产品进行整改, 需重测的测试项目 (预估)
Product 产品	USB SOCKET	
Type 型号	TL2233	
EMI Tests Part:		
Disturbance Voltage 骚扰电压	Failed 不通过	<input checked="" type="checkbox"/>
Clicks (Discontinuous Disturbance) 0.15-30MHz 喀啦声	NA 不适用	<input type="checkbox"/>
Disturbance Power 30-300 MHz 骚扰功率	NA 不适用	<input type="checkbox"/>
Radiated Electromagnetic Disturbance 0.009 - 30MHz 辐射电磁骚扰	NA 不适用	<input type="checkbox"/>
Radiated Disturbance 0.15 - 30MHz 辐射骚扰	NA 不适用	<input type="checkbox"/>
Radiated Disturbance 30-1000 MHz 辐射骚扰	Passed 通过	<input checked="" type="checkbox"/>
Radiated Disturbance 1 - 18GHz 辐射骚扰	NA 不适用	<input type="checkbox"/>

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Offer No.	TLI-14MY15-01VTSP-A0	After modification, need retest (estimate) 如需对产品进行整改,需重测的测试项目(预估)
Product 产品	USB SOCKET	
Type 型号	TL2233	
Harmonic Current EN 61000-3-2 电流谐波	Passed 通过	<input type="checkbox"/>
Voltage Fluctuation & Flicker EN 61000-3-3 电压波动与闪烁	Passed 通过	<input type="checkbox"/>
EMS Tests Part:		
Electrostatic Discharge (ESD) EN 61000-4-2 静电放电	Passed 通过	<input type="checkbox"/>
Radiated Immunity (RS) EN 61000-4-3 辐射电磁场	Passed 通过	<input type="checkbox"/>
Electric Fast Transients (EFT) EN 61000-4-4 电快速瞬变脉冲群	Passed 通过	<input type="checkbox"/>
Surge test 雷击浪涌 EN 61000-4-5	Passed 通过	<input type="checkbox"/>
Injected Current 注入电流 EN 61000-4-6	Passed 通过	<input type="checkbox"/>
Power Frequency Magnetic Field EN 61000-4-8 工频磁场	NA 不适用	<input type="checkbox"/>
Voltage dips and interruption EN 61000-4-11 电压跌落与中断	Passed 通过	<input type="checkbox"/>
Harmonic & interharmonic 谐波 EN 61000-4-13	NA 不适用	<input type="checkbox"/>

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The failed EMC test results are attached. The attachment is only to notice you the failure of your product, not our final EMC report.

In order to re-start the test, we are waiting for modified sample and a written declaration explaining the modifications.

Please note that the dead line for finishing the project mentioned in our offer become cannot apply anymore.

If you have any question, please feel free to contact us.

Thanks

Best regard,

Name :

Engineer

Validated by:

When sending modified samples, mail and documentation concerning the product describes in this fax, you shall include our reference number

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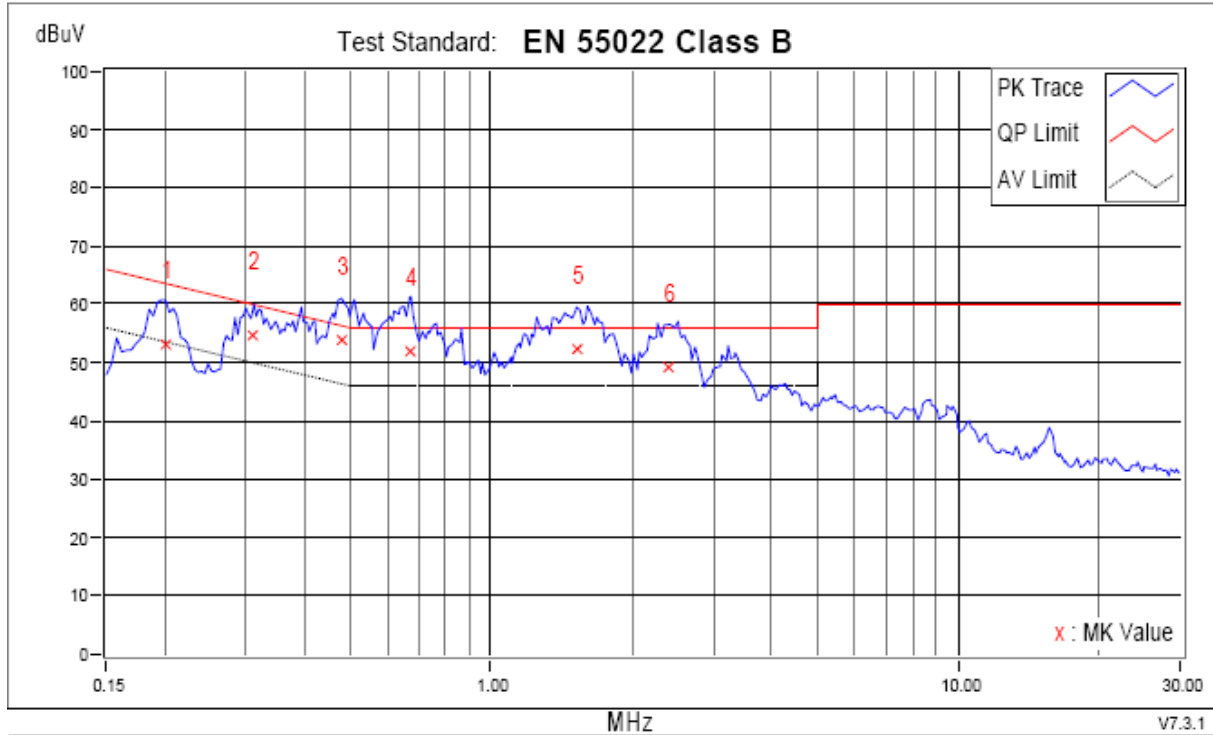
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Failed test results for Disturbance Voltage (骚扰电压)

Location: Conduction 1 Date: 6/4/2014 Time: 3:42:11 PM Phase L1
 Temperaturer (C): 20 Humidity (%): 50 Approved by:



No.	Frequency MHz	Corr. Factor dB	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
			QP	AV	QP	AV	QP	AV	QP	AV	
1	0.20083	9.75	43.50	35.49	53.25	45.24	63.58	53.58	-10.33	-8.34	
2	0.31031	9.75	44.96	37.20	54.71	46.95	59.96	49.96	-5.25	-3.01	
+3X	0.48094	9.76	43.96	36.74	53.72	46.50	56.32	46.32	-2.60	0.18	
4	0.67003	9.65	42.46	35.36	52.11	45.01	56.00	46.00	-3.89	-0.99	
5	1.52394	9.63	42.54	35.15	52.17	44.78	56.00	46.00	-3.83	-1.22	
6	2.38805	9.65	39.68	33.62	49.33	43.27	56.00	46.00	-6.67	-2.73	

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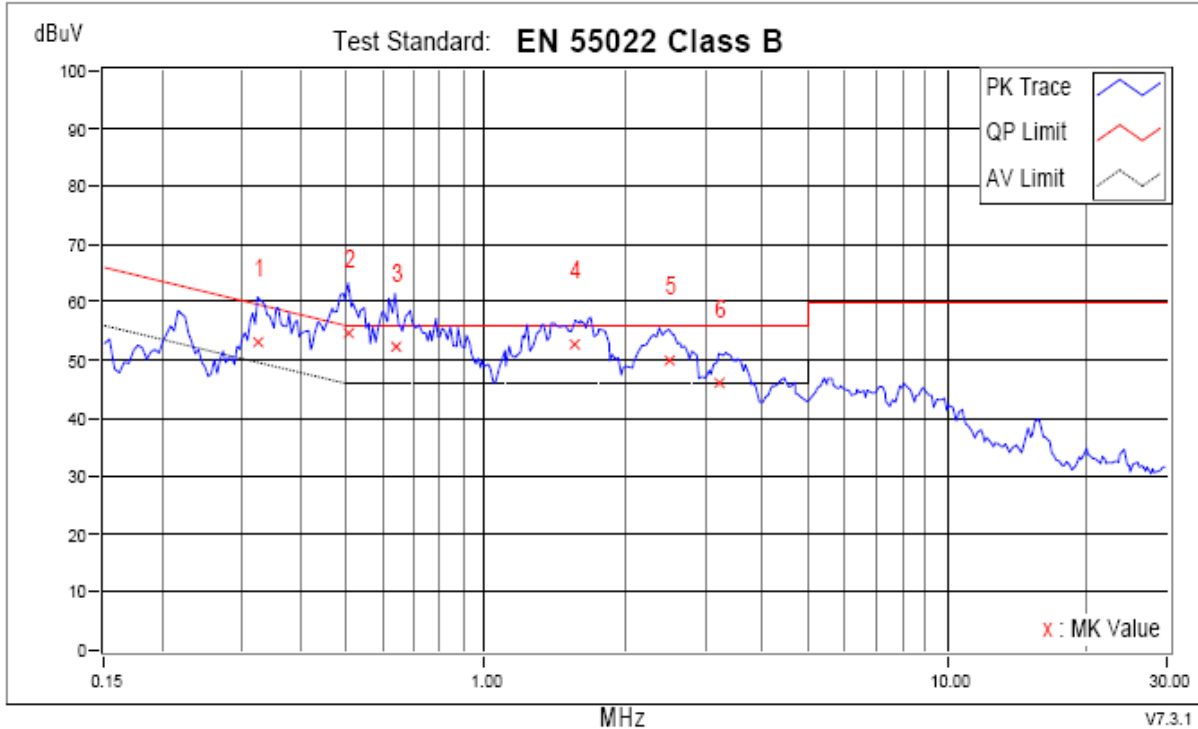
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Continued

Location: Conduction 1 Date: 6/4/2014 Time: 3:31:08 PM Phase N
 Temperaturer (C): 20 Humidity (%): 50 Approved by:



No.	Frequency MHz	Corr. Factor dB	Reading dBuV		Emission dBuV		Limit dBuV		Margins dB		Notes
			QP	AV	QP	AV	QP	AV	QP	AV	
1	0.32204	9.70	43.36	37.14	53.06	46.84	59.65	49.65	-6.59	-2.81	
+2X	0.50581	9.74	45.08	39.08	54.82	48.82	56.00	46.00	-1.18	2.82	
3	0.63875	9.66	42.62	35.56	52.28	45.22	56.00	46.00	-3.72	-0.78	
4X	1.56695	9.74	42.90	36.80	52.64	46.54	56.00	46.00	-3.36	0.54	
5	2.50144	9.84	40.18	34.79	50.02	44.63	56.00	46.00	-5.98	-1.37	
6	3.20524	9.88	36.28	30.49	46.16	40.37	56.00	46.00	-9.84	-5.63	

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