



中国认可
国际互认
检测
TESTING
CNAS L0134

检测报告编号: 2021J10-30-103106
Test report series No.

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检测报告

Test Report

委托者 Customer Shanghai Baobang Medical Equipment Co., Ltd
联络信息 Contact information No.15 building, No.889, Guinan Road, Songjiang district, Shanghai, China.201617.
样品名称 Name of sample Oil Free Air Compressor HP1501
制造厂 Manufacturer Shanghai Baobang Medical Equipment Co., Ltd
型号/规格 Model/Specification BOYT1501-5L
样品编号 No. of sample 1#



批准人 Approved by 金喜盖 室主任
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检 测 员 Tested by 高毛望

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国家法定计量检定机构计量授权证书号(中心/院): (国)法计(2017)01039号/(2017)01019号
The number of the Certificate of Metrological Authorization to The Legal Metrological Verification Institution is No. (2017) 01039/ No. (2017) 01019

本次检测所依据的技术规范(代号、名称):
Reference documents for the test (code , name)

CISPR 11: 2015+A1: 2016+A2: 2019 Industrial, scientific and medical equipment -
Radio-frequency disturbance characteristics - Limits and methods of measurement

本次检测所使用的主要测量仪器:
Main measurement instruments used in this test

Refer to Attachment 1

其他检测信息:
Test information

地点: Location	SIMT EMC,23# No.716, Yishan Road Shanghai		
温度: Ambient temperature	22	℃; humidity	湿度: 43 %RH; 其他: / Others
受样方式 Way for receipt	Sent by customer	样品状态描述 Status of sample	See test result
受样日期 Receiveddate	2021.04.02	检测日期 Date for test	2021.04.02

备注: /
Note:

本报告提供的结果仅对本次被测的样品有效。
The data are valid only for the sample(s).

检测结果/说明（续页）：

Results of test and additional explanation (continued page)

Test Summary

Test Item	Reference documents for the test & Evaluation Criteria	Results
1.Conducted Emission Test	CISPR 11: 2015+A1: 2016 +A2: 2019	Pass

检测结果/说明 (续页):

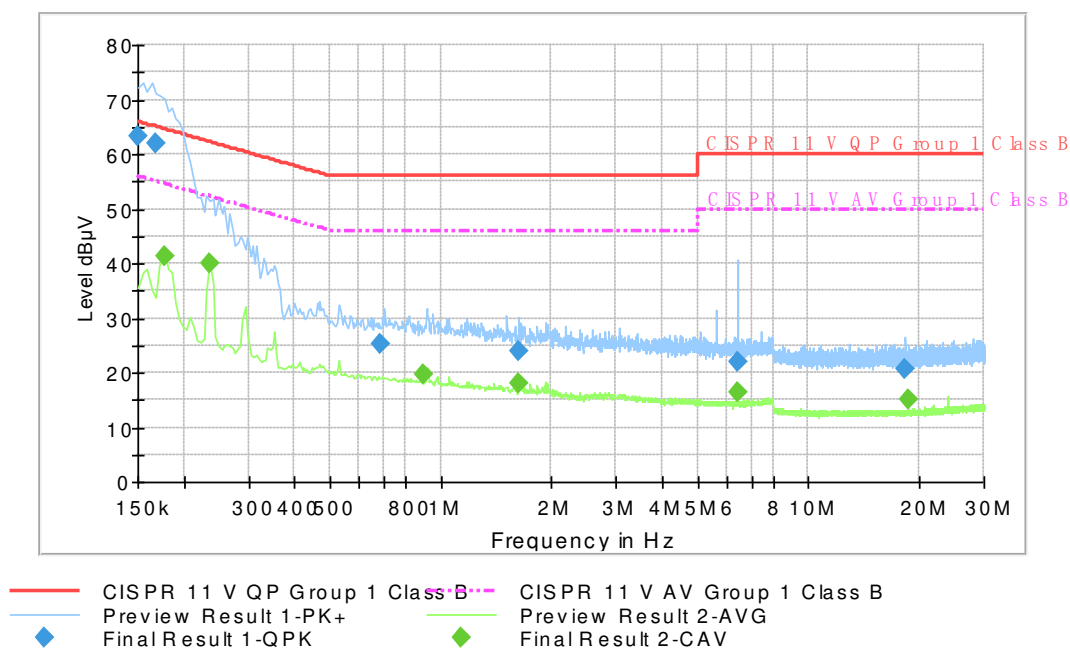
Results of test and additional explanation (continued page)

1. Conducted Emission Test

Power source: 220V/50Hz; Type of test: Group 1 Class B

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CISPR 11 Group 1 Class B



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Margin (dB)	Limit (dBμV)
0.150000	63.4	GND	L1	2.6	66.0
0.168000	61.8	GND	L1	3.3	65.1
0.684500	25.3	GND	L1	30.7	56.0
1.629500	24.0	GND	L1	32.0	56.0
6.422000	22.1	GND	L1	37.9	60.0
18.347000	20.5	GND	L1	39.5	60.0

Final Result 2

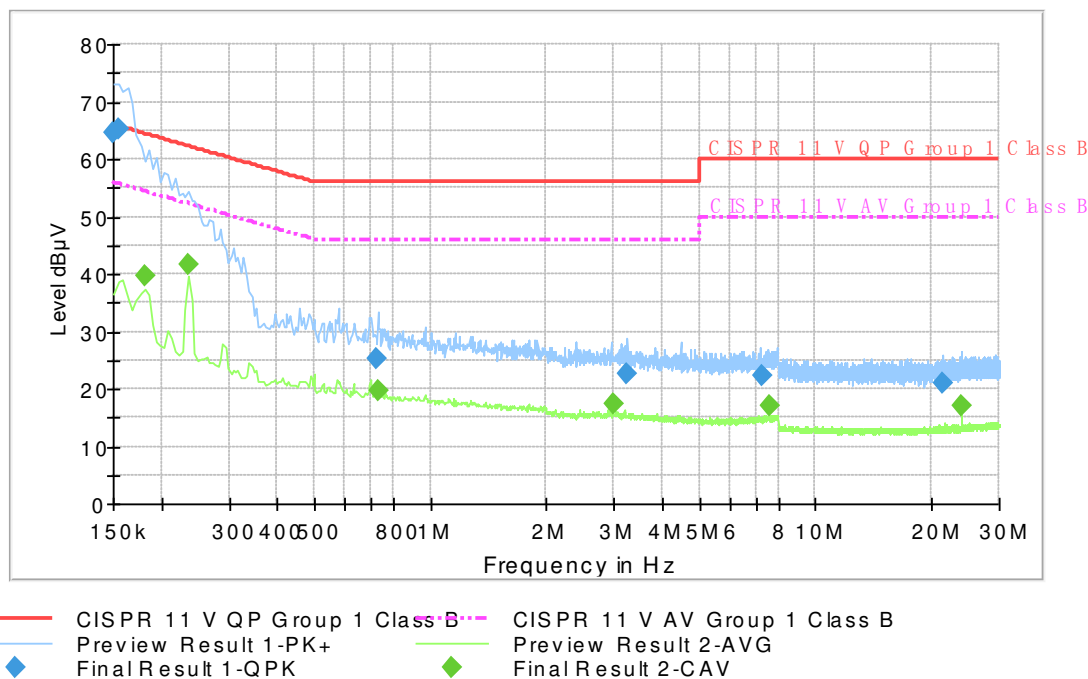
Frequency (MHz)	CAverage (dBμV)	PE	Line	Margin (dB)	Limit (dBμV)
0.177000	41.2	GND	L1	13.4	54.6
0.235500	40.1	GND	L1	12.2	52.3
0.900500	19.5	GND	L1	26.5	46.0
1.625000	18.0	GND	L1	28.0	46.0
6.426500	16.4	GND	L1	33.6	50.0
18.743000	15.0	GND	L1	35.0	50.0

检测结果/说明 (续页):

Results of test and additional explanation (continued page)

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CISPR 11 Group 1 ClassB



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Margin (dB)	Limit (dBμV)
0.150000	64.5	GND	N	1.5	66.0
0.154500	65.2	GND	N	0.6	65.8
0.720500	25.4	GND	N	30.6	56.0
3.231500	22.7	GND	N	33.3	56.0
7.232000	22.4	GND	N	37.6	60.0
21.303500	21.0	GND	N	39.0	60.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	PE	Line	Margin (dB)	Limit (dBμV)
0.181500	39.8	GND	N	14.6	54.4
0.235500	41.7	GND	N	10.6	52.3
0.729500	19.7	GND	N	26.3	46.0
3.002000	17.3	GND	N	28.7	46.0
7.592000	17.0	GND	N	33.0	50.0
23.994500	17.0	GND	N	33.0	50.0

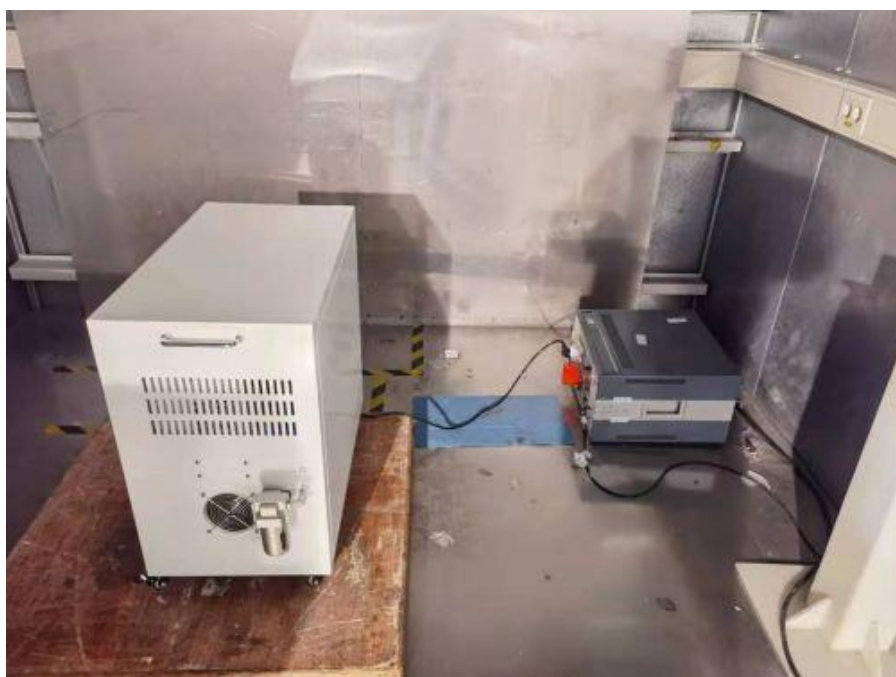
检测结果/说明 (续页):

Results of test and additional explanation (continued page)

Test instrumentation (Test date: 2021.04.02)

Name/Model	Number	Due date
EMI Test Receiver /ESU 8	容-003-22	2021.12.02
Artificial Mains Network /ESH2-Z5	容-003-45	2021.06.23

Test Photographs



检测结果/说明 (续页):

Results of test and additional explanation (continued page)

Attachment 1

本次检测所使用的主要测量仪器:

Main measurement instruments used in this test

名称 Name	型号 规格 Model	编号 Number	测量范围 Measurement range	证书编号 /有效期限 Certificate No./Due date
EMI Test Receiver	ESU 8	容 -003-22	MAX.input level:-160dBm ~ +30dBm(20 Hz ~ 8 GHz)	2020F00-10-288789000 1 /2021.12.02
Artificial Mains Network	ESH2-Z 5	容 -003-45	Frequency Range:9kHz~30 MHz, Continuous current:4*25A,Max.shor t-time current:4*50A(2 min),Max.AC supply voltage:250 V rms	2020F31-10-256154500 1 2020F31-10-256154500 2 2020F31-10-256154500 3 /2021.06.23

End