

**TEST RECORDER**

**ERP DIRECTIVE**

**requirement for no-load condition electric power consumption and average active efficiency of external power supplies**

Report Reference No.....: MNK20190225368S

Written by (+ signature)..... : Landy

Approved by (+ signature) ..... : Daisy

Date of issue ..... : February 28, 2019



Testing laboratory Name ..... : Shenzhen MONLKA Technology Co., Ltd.

Address\* ..... : Building A, Baoshi Road, Baoshi Science & Technology Park, Bao'an District, Shenzhen, Guangdong, China

Testing location ..... : Same as above

Client Name ..... : VideoStrong Technology CO.Ltd

Address ..... : B401, Building B, Donglian Industrial, 23rd District, Bao'an, Shenzhen, China

Standard ..... : EN50564:2011

Test procedure ..... : ErP-Commission Regulation(EC)No.1275/2008 of 17 December 2008. Implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode condition electric power consumption of electrical and electronic household and office equipment

Non-standard test method ..... : N/A

Test item Description ..... : Android TV BOX

Trademark ..... : N/A

Model and/or type reference..... : M8S Pro W

Manufacturer ..... : VideoStrong Technology CO.Ltd

Address ..... : B401, Building B, Donglian Industrial, 23rd District, Bao'an, Shenzhen, China

Rating(s)..... : 5.0V 2A (external AC/DC ADAPTOR: Input:100-240V~ 50/60Hz 0.3A Output: 5.0V 2A)
<b>Testing</b> Date of receipt of test item ..... : February 16, 2019 Date(s) of performance of test.....: February 25, 2019
<b>Summary of testing:</b> The product was fulfilled with the Ecodesign Requirements for off mode electric power consumption of electrical and electronic household and office equipment.
<b>Tests performed:</b> The sample complies with the requirements of COMMISSION REGULATION (EC) No. 1275/2008. When determining the test conclusion, the Measurement Uncertainty of test has been considered. Measurements of power of 1.0 W or greater was made with an uncertainty of less than or equal to 2% at the 95% confidence level. Measurements of power of less than 1.0 W was made with uncertainty of less than or equal to 0.02 W at the 95% confidence level.

**Copy of marking plate:**



Note: Due to similarity of the labels, only above label was listed.

**Summary of testing**

The sample(s) tested complies with the requirements of ErP-Commission regulation(EC)No.1275/2008 implementing Directive 2009/125/E with regard to codesign requirement for no-load ondition electric power consumption and average active efficiency of external power supplies .

COMMISSION REGULATION (EC) No 1275/2008			
ANNEX II Ecodesign requirements			
Cl.	Requirement-Test	Result-Remark	Verdict
1	Ecodesign requirements, 1st stage		P
1(a)	Power consumption in 'off mode': Power consumption of equipment in any off-mode condition shall not exceed 1.00 W		N/A
1(b)	Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 1.00 W		P
	Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, shall not exceed 2.00 W		N/A
1(c)	Availability of off mode and/or standby mode Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. - Characteristics of equipment relevant for assessing conformity with the requirements if applicable. - Time taken to automatically reach standby, or off mode, or another condition which does not exceed the applicable power consumption requirements. - If applicable, the technical justification shall be provided that the requirements are inappropriate for the intended use of equipment.		P

Cl.	Requirement-Test	Result-Remark	Verdict
2	Ecodesign requirements, 1st stage		P
2(a)	Power consumption in 'off mode': Power consumption of equipment in any off-mode condition shall not exceed 1,00 W		N/A
2(b)	Power consumption in 'standby mode(s) Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 1,0 W.	0.707W	P
2(b)	The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display shall not exceed 1,00 W.		N/A
2(c)	Availability of off mode and/or standby mode Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. - Characteristics of equipment relevant for assessing conformity with the requirements if applicable. - Time taken to automatically reach standby, or off mode, or another condition which does not exceed the applicable power consumption requirements. - If applicable, the technical justification shall be provided that the requirements are inappropriate for the intended use of equipment.		P

Cl.	Requirement-Test	Result-Remark	Verdict
2(d)	<p>Power management</p> <p>When equipment is not providing the main function, or when other energy-using product(s) are not dependent on its functions, equipment shall, unless inappropriate for the intended use, offer a power management function, or a similar function, that switches equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into:</p> <ul style="list-style-type: none"> <li>— standby mode, or</li> <li>— off mode, or</li> <li>— another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. The power management function shall be activated before delivery.</li> </ul> <ul style="list-style-type: none"> <li>- Characteristics of equipment relevant for assessing conformity with the requirements if applicable.</li> <li>- Time taken to automatically reach standby, or off mode, or another condition which does not exceed the applicable power consumption requirements.</li> <li>- If applicable, the technical justification shall be provided that the requirements are inappropriate for the intended use of equipment.</li> </ul>		N/A

Table 1	Test parameters for measurements
The measurement method used.....:	EN50564:2011+1275/2008/EC
Test ambient temperature (°C).....:	25.0°C
Test voltage in V and frequency in Hz.....:	AC230V,50Hz
Total harmonic distortion (THD) of the electricity supply system.....:	1.75%(standby mode)
Description of how the appliance mode was selected or programmed.....:	--
Sequence of events to reach the mode where the equipment automatically changes modes.....:	--
Other notes regarding the operation of the equipment.....:	N/A

**Set-up and circuits used for electrical testing:**

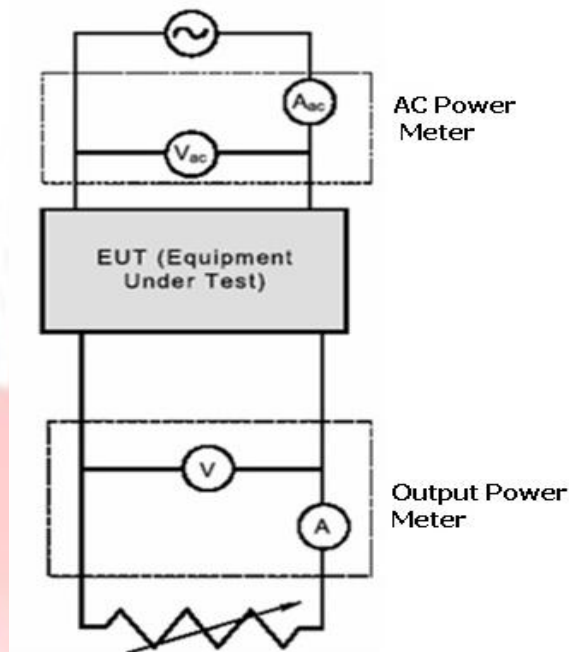


Table 2	Test result	P		
		Measured (W)	Limit (W)	
			Stage 1	Stage 2
Operating mode(s)				
Off-mode condition.....:				
Any condition which does not exceed the applicable power consumption requirements for off mode when the equipment is connected to the mains power source.....:	--	1W	0.5W	
Power consumption in 'standby mode(s)' in				
Any condition providing only a reactivation function or providing only a reactivation function and a mere indication of enabled reactivation function which does not exceed the applicable power consumption requirements.....:	0.707	1W	0.5W	
Any condition providing only information or status display, or providing only a combination of reactivation function and information or status display which does not exceed the applicable power consumption requirements.....:	--	2W	1W	
Any condition which does not exceed the applicable power consumption requirements for standby mode when the equipment is connected to the mains power source.....:	--	--	--	



**Appendix 1**

Photo documentation



Fig1



Fig 2

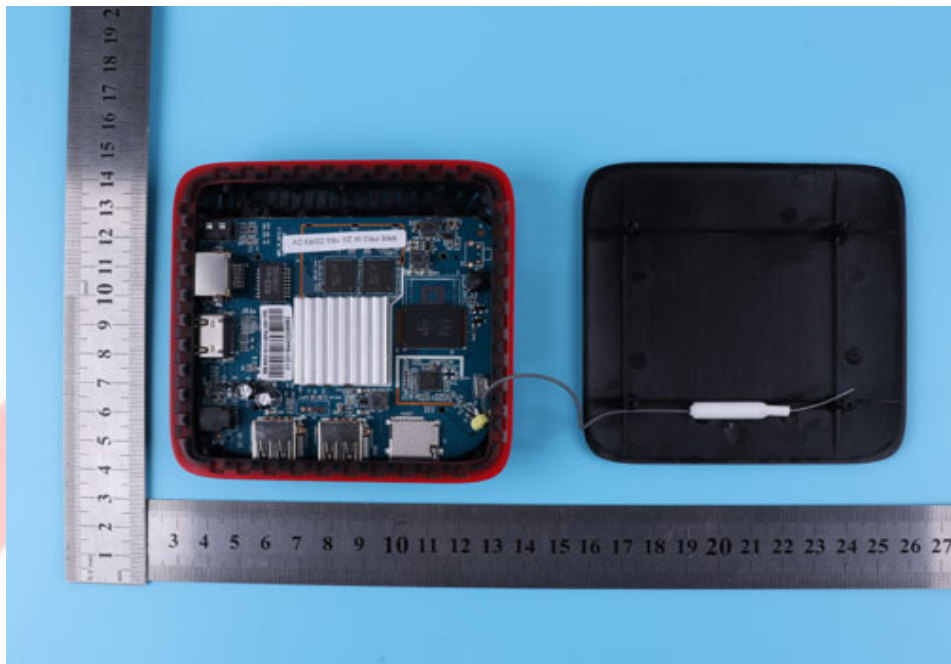


Fig 3

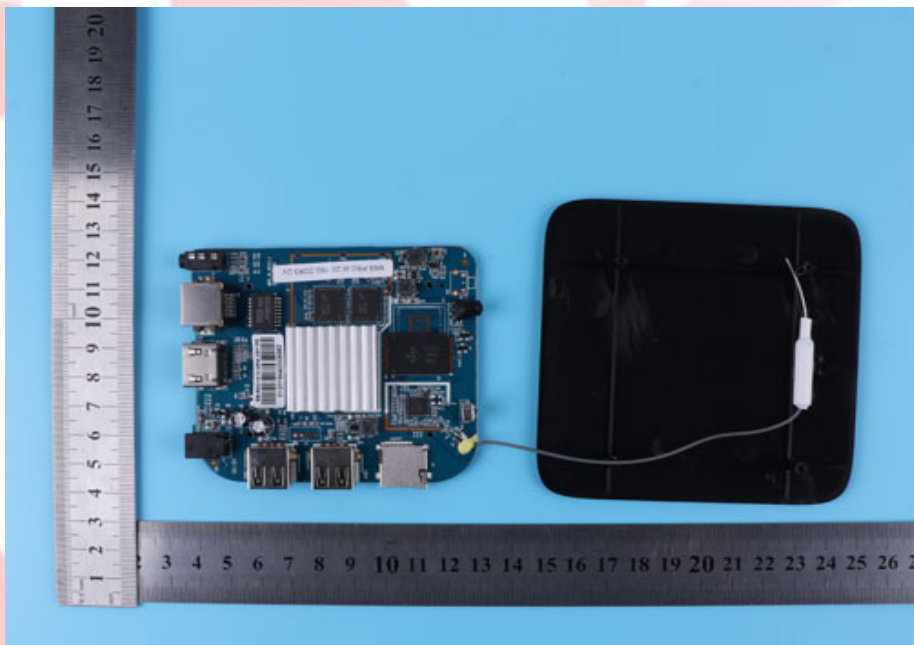


Fig 4



Fig 5

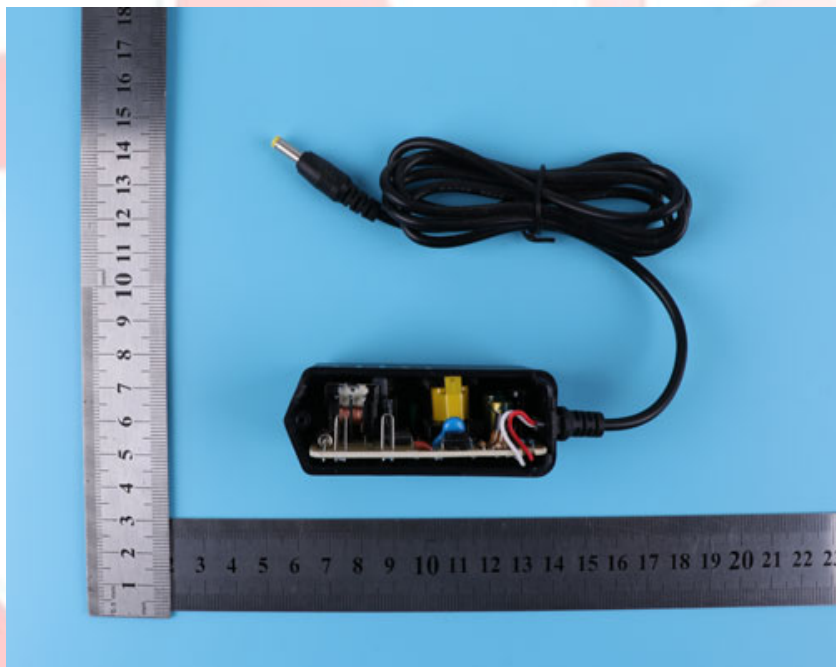


Fig 6

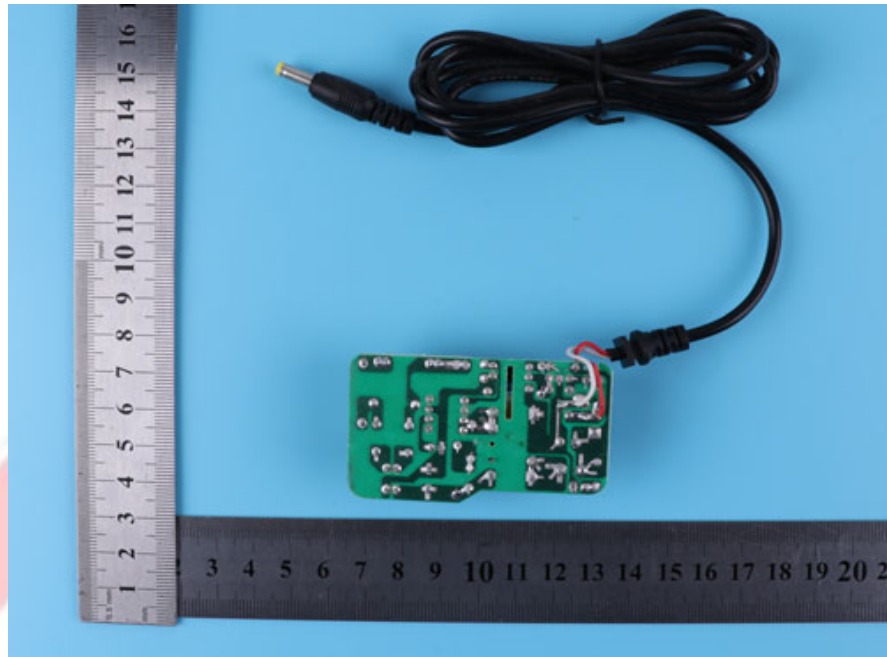


Fig 7

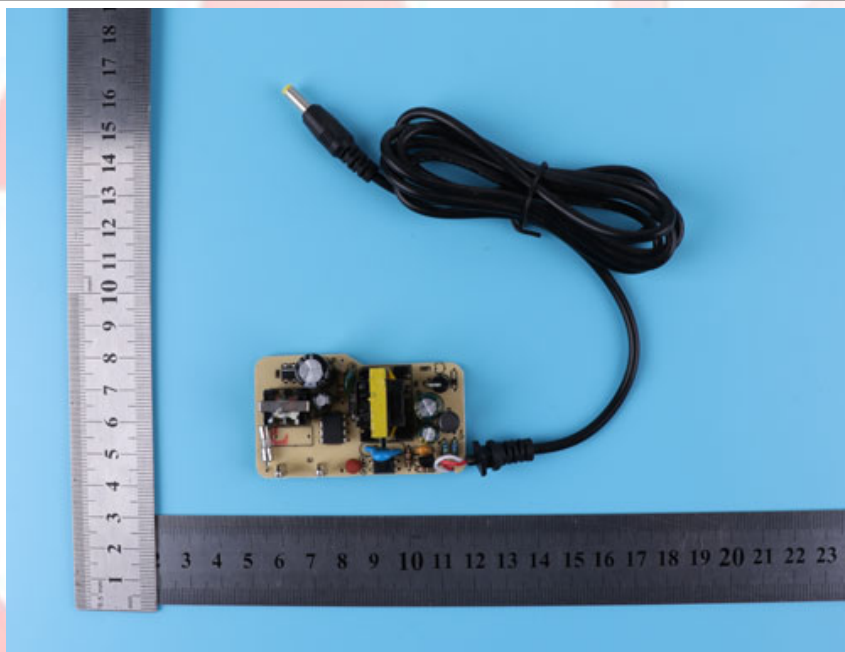


Fig8

**Appendix 2**

Equipment list

Code	Name	Model/Type	S/N	Calibrated date	Next Calibration Date	Manufacture	Used Or not
WSCTS-008	Automatic Frequency Converter	AN97030TS	069712393L	2018.10.03	2019.10.02	Ainuo	√
WSCTS-110	Digital power meter	WT210	--	2018.08.18	2019.08.17	YOKOGAWA	√