1 Certification

Product:	Network Switch
Brand:	RADWARE or radware
Test Model:	ODS-UHT
Sample Status:	Engineering sample
Applicant:	Radware Ltd.
Test Date:	2022/5/26 ~ 2022/9/13
Standards:	EN 55032:2015 +A11:2020, Class A
	EN 61000-3-2:2014, Class A
	EN IEC 61000-3-2:2019+A1:2021, Class A
	EN 61000-3-3:2013
	EN 61000-3-3:2013+A2:2021
	EN 55035: 2017 + A11:2020
	BS EN 55032:2015 +A11:2020, Class A
	BS EN IEC 61000-3-2:2019 +A1:2021, Class A
	BS EN 61000-3-3:2013
	BS EN 61000-3-3:2013 +A2:2021
	BS EN 55035:2017 +A11:2020
Measurement procedure:	EN 61000-4-2:2009 / IEC 61000-4-2:2008 ED. 2.0
	EN 61000-4-3:2006 +A1:2008 +A2:2010 / IEC 61000-4-3:2010 ED. 3.2
	EN IEC 61000-4-3:2020 / IEC 61000-4-3:2020 ED. 4.0
	EN 61000-4-4:2012 / IEC 61000-4-4:2012 ED. 3.0
	EN 61000-4-5:2014 +A1:2017 / IEC 61000-4-5:2017 ED. 3.1
	EN 61000-4-6:2014+AC:2015 / IEC 61000-4-6:2013 ED. 4.0
	EN 61000-4-8:2010 / IEC 61000-4-8:2009 ED. 2.0
	EN 61000-4-11:2004 +A1: 2017 / IEC 61000-4-11:2017 ED. 2.1
	EN IEC 61000-4-11:2020 / IEC 61000-4-11:2020 ED. 3.0
	BS EN 61000-4-2:2009
	BS EN 61000-4-3:2006 +A2:2010
	BS EN IEC 61000-4-3:2020
	BS EN 61000-4-4:2012
	BS EN 61000-4-5:2014 +A1:2017
	BS EN 61000-4-6:2014
	BS EN 61000-4-8:2010
	BS EN 61000-4-11:2004 +A1:2017
	BS EN IEC 61000-4-11:2020

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

2 Summary of Test Results

The test items that the EUT needs to perform according to its interfaces and functions evaluation are as follows:

Standard	Test Item	Result	Remarks
EN 55032	Conducted Emissions from Power Ports	Pass	Minimum passing Class A margin is -5.89 dB at 0.60000 MHz
EN 55032	Conducted Emissions from Wired Network Ports	Pass	Minimum passing Class A margin is -16.95 dB at 2.08800 MHz
EN 55032	Radiated Emissions up to 1 GHz	Pass	Minimum passing Class A margin is -3.50 dB at 31.70 MHz
	Radiated Emissions above 1 GHz	Pass	Minimum passing Class A margin is -14.07 dB at 4000.01 MHz
EN 61000-3-2	Harmonic Current Measurement	Pass	Class A
EN 61000-3-3	Voltage Fluctuations and Flicker Measurement	Pass	$P_{st} \leqq 1.0$ $d_{max} \leqq 4\%$ $P_{lt} \leqq 0.65$ $d_c \leqq 3.3\%$ $T_{max} \leqq 500ms$
IEC 61000-4-2	Electrostatic Discharges (ESD)	Pass	For EN 55035 Performance Criteria A
IEC 61000-4-3	Radio Frequency Electromagnetic Field (RS)	Pass	For EN 55035 Performance Criteria A
IEC 61000-4-4	Fast Transients Common Mode (EFT)	Pass	For EN 55035 Performance Criteria A
IEC 61000-4-5	Surges	Pass	For EN 55035 Performance Criteria A
IEC 61000-4-6	Radio Frequency Common Mode (CS)	Pass	For EN 55035 Performance Criteria A
IEC 61000-4-8	Power Frequency Magnetic Field (PFMF)	Pass	For EN 55035 Performance Criteria A
IEC 61000-4-11	Voltage Dips and Interruptions (DIP)	Pass	For EN 55035 **Voltage Dips:** < 5 % residual, 0.5 cycle, Performance Criteria B 70% residual, 25 cycles Performance Criteria B **Voltage Interruptions:** < 5 % residual, 250 cycles Performance Criteria B

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

1 Certification

Product:	Network Switch
Brand:	RADWARE or radware
Test Model:	ODS-UHT
Sample Status:	Engineering sample
Applicant:	Radware Ltd.
Test Date:	2022/5/26 ~ 2022/9/13
Standards:	EN 300 386 V2.1.1 (2016-07) Draft EN 300 386 V2.2.0 (2020-10) for Equipment operating in telecommunication centres
Measurement procedure:	EN 55032:2015 +A11:2020, Class A EN 61000-3-2:2014, Class A EN IEC 61000-3-2:2019+A1:2021, Class A EN 61000-3-3:2013 EN 61000-3-3:2013+A2:2021 EN 61000-4-2:2009 EN 61000-4-3:2006 +A1:2008 +A2:2010 EN IEC 61000-4-3:2020 EN 61000-4-4:2012 EN 61000-4-5:2014 +A1:2017 EN 61000-4-6:2014 +AC:2015 EN 61000-4-11:2004 +A1: 2017 (Not applicable) EN IEC 61000-4-11:2020 (Not applicable) BS EN 55032:2015 +A11:2020, Class A BS EN IEC 61000-3-2:2019 +A1:2021, Class A BS EN 61000-3-3:2013 BS EN 61000-3-3:2013 +A2:2021 BS EN 61000-4-2:2009 BS EN 61000-4-3:2006 +A2:2010 BS EN IEC 61000-4-3:2020 BS EN 61000-4-4:2012 BS EN 61000-4-5:2014 +A1:2017 BS EN 61000-4-6:2014 BS EN 61000-4-8:2010 BS EN 61000-4-11:2004 +A1:2017 (Not applicable) BS EN IEC 61000-4-11:2020 (Not applicable)

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.