

FCC/ISED

EMC

TEST REPORT

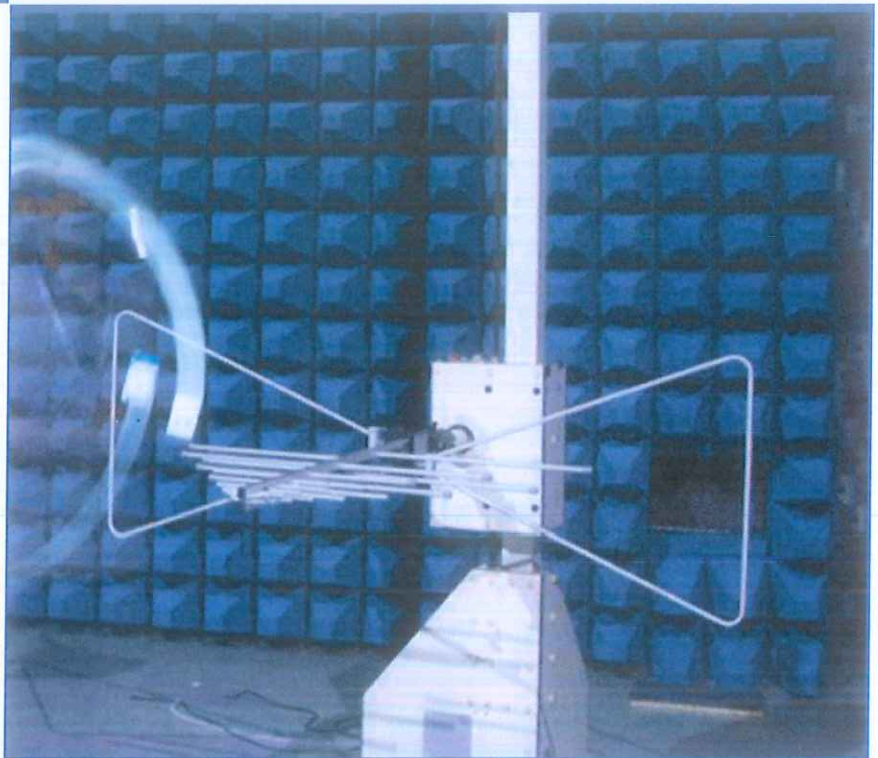
ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



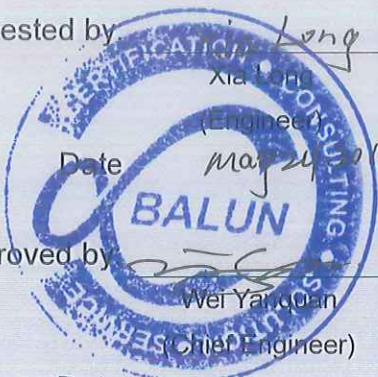
FOR
RFID Reader

ISSUED TO
CONVERGENCE SYSTEMS LIMITED

11/F., Tower 1, Tern Centre, 237 Queen's Road, Central, Hong Kong



Tested by



Xia Long
(Engineer)

Date

May 24, 2018

Approved by

Wei Yanqian
(Chief Engineer)

Date

May 24, 2018

Report No.: BL-HK1830324-401

EUT Name: RFID Reader

Model Name: CS463-2

Brand Name: CSL

Test Standard: 47 CFR Part 15 Subpart B

ICES-003 (Issue 6, January 2016)

FCC ID: UB4CS463C1GEN2

ISED Number: 8073A-CS4632CA

Test Conclusion: Pass

Test Date: May 08, 2018 ~ May 16, 2018

Date of Issue: May 24, 2018

NOTE: This test report of test results only related to testing samples, which can be duplicated completely for the legal use with the approval of the applicant; it shall not be reproduced except in full, without the written approval of Shenzhen BALUN Technology Co., Ltd. BALUN Laboratory. Any objections should be raised within thirty days from the date of issue. To validate the report, please contact us.

Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>May 24, 2018</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co.,Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100
Fax Number	+86 755 6182 4271

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co.,Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	<p>The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1.</p> <p>The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.</p> <p>The laboratory is a testing organization accredited by American Association for Laboratory Accreditation(A2LA) according to ISO/IEC 17025.The accreditation certificate is 4344.01.</p> <p>The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.</p>
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

Ambient Temperature	20 to 25°C
Ambient Relative Humidity	45% - 55%
Ambient Pressure	100 kPa - 102 kPa

1.4 Announce

- (1) The test report refer to the BALUN report mode v1.1.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	CONVERGENCE SYSTEMS LIMITED
Address	11/F., Tower 1, Tern Centre, 237 Queen's Road, Central, Hong Kong

2.2 Manufacturer Information

Manufacturer	DongGuan DongHongXingYe Electronics Science and Technology Limited
Address	1 Jianxiang Street, Hanxishui, Chashan Town Dongguan, China

2.3 Factory Information

Factory	DongGuan DongHongXingYe Electronics Science and Technology Limited
Address	1 Jianxiang Street, Hanxishui, Chashan Town Dongguan, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	RFID Reader
Model Name Under Test	CS463-2
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V2.2
Software Version	U11.10.1.1
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Ancillary Equipment

Ancillary Equipment 1	Adapter	
	Brand Name	DVE
	Model No.	DSA-60PFE-12
	Serial No.	N/A
	Rated Input	100-240 V~, 50 / 60 Hz, 2000 mA
	Rated Output	12 V= 5000 mA
Ancillary Equipment 2	Power Line	
	Length (Approx.)	1.5 m
Ancillary Equipment 3	BT&WLAN Antenna	
Ancillary Equipment 4	RFID Antenna	

2.6 Technical Information

Network and Wireless connectivity	Bluetooth, WIFI, RFID
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3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	FCC 47 CFR Part 15 Subpart B (10-1-16 Edition)	Unintentional Radiators
2	ICES-003 (Issue 6, January 2016)	Information Technology Equipment (Including Digital Apparatus) — Limits and Methods of Measurement
3	ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

3.2 Verdict

No.	Description	FCC Rule	ISED Rule	Test Verdict	Result
1	Radiated Emission	15.109	ICES-003 6.1	Pass	Annex A .1
2	Conducted Emission, AC Ports	15.107	ICES-003 6.2	Pass	Annex A .2

3.3 Test Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Measurement	Value
Conducted emissions (9 kHz-30 MHz)	3.23 dB
Radiated emissions (30 MHz-1 GHz)	4.30 dB
Radiated emissions (1 GHz-18 GHz)	4.81 dB
Radiated emissions (18 GHz-40 GHz)	5.71 dB

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

Environment Parameter	Selected Values During Tests			
	Temperature	Voltage	Relative Humidity	Ambient Pressure
Normal Temperature, Normal Voltage (NTNV)	23°C~26°C	AC 120 V/60 Hz or DC 48V from POE	50%-55%	100 to 102 kPa

4.2 Test Equipment List

Radiated Emission Test For Frequency Below 1 GHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2017.06.22	2018.06.21	<input checked="" type="checkbox"/>
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-977	2016.07.19	2018.07.18	<input checked="" type="checkbox"/>
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	9120D-1600	2016.07.12	2018.07.11	<input type="checkbox"/>
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2019.02.20	<input checked="" type="checkbox"/>

Radiated Emission Test For Frequency Above 1 GHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2017.11.16	2018.11.15	<input checked="" type="checkbox"/>
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2017.07.22	2019.07.21	<input type="checkbox"/>
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	9120D-1148	2016.07.12	2018.07.11	<input checked="" type="checkbox"/>
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2019.02.20	<input checked="" type="checkbox"/>

Conducted Emission Test						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2017.06.22	2018.06.21	<input checked="" type="checkbox"/>
LISN	SCHWARZBECK	NSLK 8127	8127-687	2017.06.22	2018.06.21	<input checked="" type="checkbox"/>
LISN	SCHWARZBECK	NNLK 8129	8129-462	2017.11.08	2018.11.07	<input type="checkbox"/>
AMN	SCHWARZBECK	NNBM8124	8124-509	2017.06.22	2018.06.21	<input type="checkbox"/>
AMN	SCHWARZBECK	NNBM8124	8124-510	2017.06.22	2018.06.21	<input type="checkbox"/>
ISN	TESEQ	ISN T800	34449	2017.06.22	2018.06.21	<input type="checkbox"/>
Shielded Enclosure	ChangNing	CN-130701	130703	N/A	N/A	<input checked="" type="checkbox"/>

4.3 Test Enclosure list

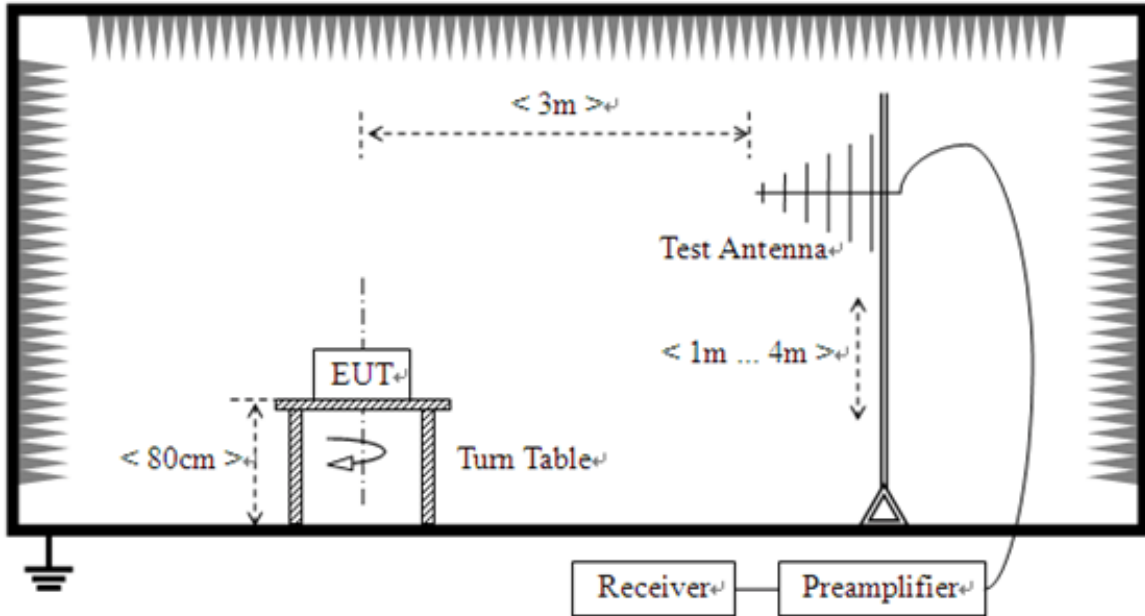
Description	Manufacturer	Model	Serial No.	Length	Description	Use
PC	N/A	N/A	N/A	N/A	Special Handled	<input type="checkbox"/>
Laptop	Lenovo	E31-80	R3026PU9	N/A	N/A	<input checked="" type="checkbox"/>
Printer	HP	DESKJET 1000	N/A	N/A	N/A	<input type="checkbox"/>
Keyboard	Logitech	Y-BP62a	N/A	N/A	N/A	<input type="checkbox"/>
Mouse	Logitech	M100	N/A	N/A	N/A	<input type="checkbox"/>
USB disk	Kingston	N/A	N/A	N/A	N/A	<input type="checkbox"/>
TF Card	Kingston	N/A	N/A	N/A	N/A	<input type="checkbox"/>
VGA Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
HDMI Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
DVI Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
Coaxial video cable	N/A	N/A	N/A	2.0 m	Shielded with core	<input type="checkbox"/>
Audio Cable	N/A	N/A	N/A	0.5 m	Shielded with core	<input type="checkbox"/>
iPhone	Apple	A1586	N/A	N/A	N/A	<input type="checkbox"/>
Bluetooth Earphone	SAMSUNG	Gear Circle	N/A	N/A	N/A	<input type="checkbox"/>
Wireless Communications Test Set	R&S	CMW500	142028	N/A	Cal. Due 2018.06.11	<input type="checkbox"/>
WIFI Router	TP-LINK	TL-WDR7500	N/A	N/A	N/A	<input type="checkbox"/>
Earphone	N/A	OPPO	N/A	1.1 m	N/A	<input type="checkbox"/>
Car Battery	Camel	55530	N/A	N/A	12 V/55 Ah	<input type="checkbox"/>
Artificial load	N/A	N/A	N/A	N/A	2.5 Ω /100 W	<input type="checkbox"/>
Artificial load	N/A	N/A	N/A	N/A	5 Ω /100 W	<input type="checkbox"/>
Electronic Load	ITECH	IT8511	N/A	N/A	N/A	<input type="checkbox"/>
USB Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input checked="" type="checkbox"/>
DC Power Supply	ITECH	IT6863A	60001401068 7210006	N/A	N/A	<input type="checkbox"/>
LCD Monitor	SAMSUNG	UA32C4000P	N/A	N/A	N/A	<input type="checkbox"/>
RJ45 Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input checked="" type="checkbox"/>
POE Adapter	N/A	N/A	N/A	N/A	48V	<input checked="" type="checkbox"/>
Resistance	N/A	N/A	N/A	N/A	10 Ω	<input checked="" type="checkbox"/>

4.4 Test Configurations

Test Configurations (TC) No.	Description
TC01	<u>The RFID 902MHz Test Mode</u> EUT + Adapter + Power Line + Antenna + Resistance + USB Cable + HDMI Cable + Laptop + RFID 902MHz Link
TC02	<u>The BT Test Mode</u> EUT + Adapter + Power Line + Antenna + Resistance + USB Cable + HDMI Cable + Laptop + BT Link
TC03	<u>The WIFI Test Mode</u> EUT + Adapter + Power Line + Antenna + Resistance + USB Cable + HDMI Cable + Laptop + WIFI Link

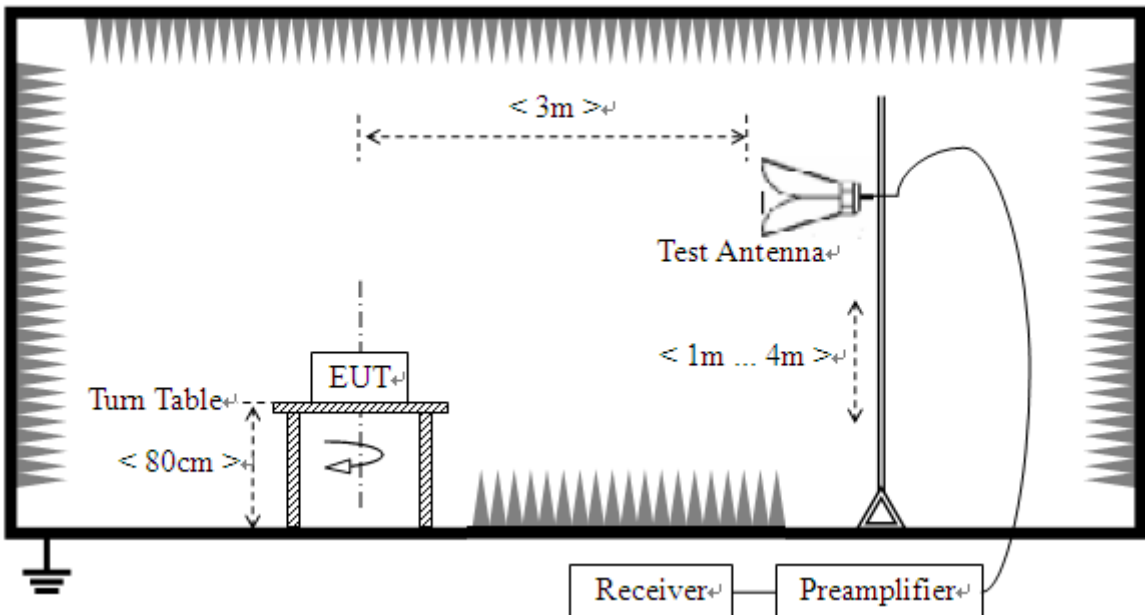
4.5 Test Setups

Test Setup 1



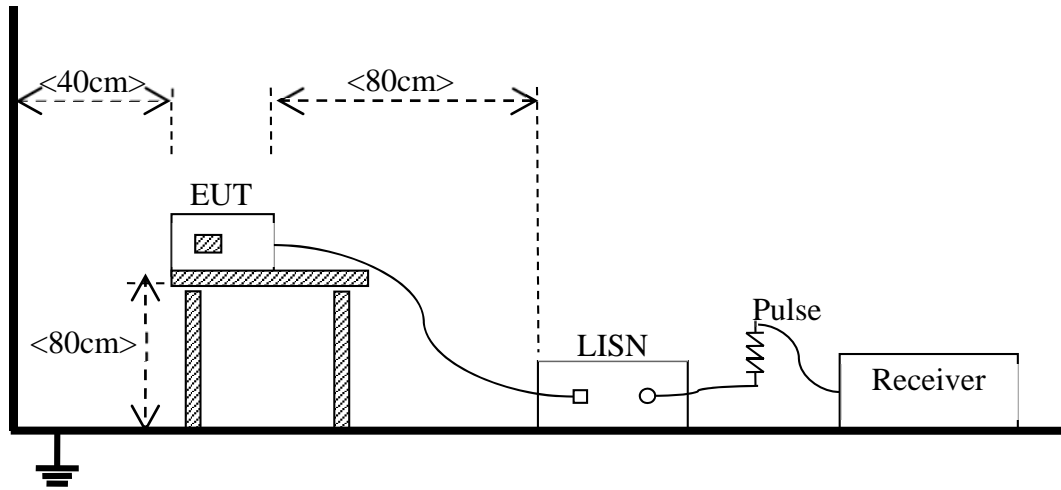
(For Radiated Emission Test (30 MHz-1 GHz))

Test Setup 2



(For Radiated Emission Test (above 1 GHz))

Test Setup 3



(For Conducted Emission, AC Ports Test)

4.6 Test Conditions

Test Case	Test Conditions	
Radiated Emission	Test Env.	NTNV
	Test Setup	Test Setup 1&2
	Test Configuration	TC01~TC03 ^{Note}
Conducted Emission, AC Ports	Test Env.	NTNV
	Test Setup	Test Setup 3
	Test Configuration	TC01~TC03 ^{Note}

Note: Based on client request, all normal using modes of the normal function were tested but only the worst test data of the worst mode is reported by this report. The RFID 902MHz Test Mode is the worst mode in this report.

5 TEST ITEMS

5.1 Emission Tests

5.1.1 Radiated Emission

5.1.1.1 Limit

Frequency range (MHz)	Class B (at 3 m)		Class B (at 10 m)	Class A (at 10 m)	
	Field Strength ($\mu\text{V/m}$)	Field Strength ($\text{dB}\mu\text{V/m}$)	Field Strength ($\text{dB}\mu\text{V/m}$)	Field Strength ($\mu\text{V/m}$)	Field Strength ($\text{dB}\mu\text{V/m}$)
30 - 88	100	40	30	90	39
88 - 216	150	43.5	33.5	150	43.5
216 - 960	200	46	36	210	46.4
Above 960	500	54	44	300	49.5

NOTE:

- 1) Field Strength ($\text{dB}\mu\text{V/m}$) = $20 \cdot \log$ [Field Strength ($\mu\text{V/m}$)].
- 2) In the emission tables above, the tighter limit applies at the band edges.
- 3) The limits using ANSI C63.4.

5.1.1.2 Test Setup

Refer to 4.5 section (test setup 1 to test setup 2) for radiated emission test, the photo of test setup please refer to ANNEX B.

5.1.1.3 Test Procedure

The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

An initial pre-scan was performed in the chamber using the EMI Receiver in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by Bi-Log antenna with 2 orthogonal polarities.

5.1.1.4 Test Result

Please refer to ANNEX A.1.

5.1.2 Conducted Emission

5.1.2.1 Test Limit

Frequency range (MHz)	Class A	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	79	66
0.50 - 30	73	60

Frequency range (MHz)	Class B	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

NOTE:

- 1) The lower limit shall apply at the band edges.
- 2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50 MHz.
- 3) The limit using ANSI C63.4.

5.1.2.2 Test Setup

Refer to 4.5 section test (test setup 3) for conducted emission, the photo of test setup please refer to ANNEX B.

5.1.2.3 Test Procedure

The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);

The EUT is connected to the power mains through a LISN which provides 50 Ω /50 μ H of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.1.2.4 Test Result

Please refer to ANNEX A.2.

ANNEX A TEST RESULTS

A.1 Radiated Emission

Note 1: The symbol of "--" in the table which means not application.

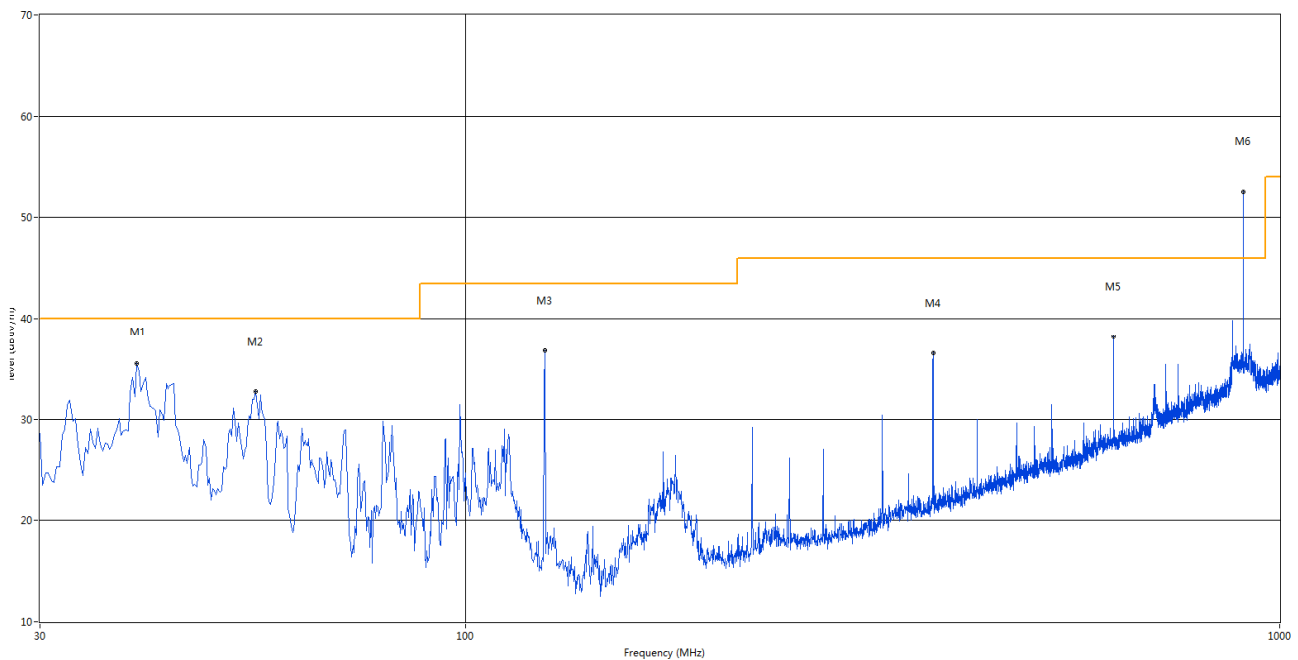
Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: This frequency which near 900 MHz with circle should be ignored because they are MS and SS carrier frequency.

Test Data and Plots

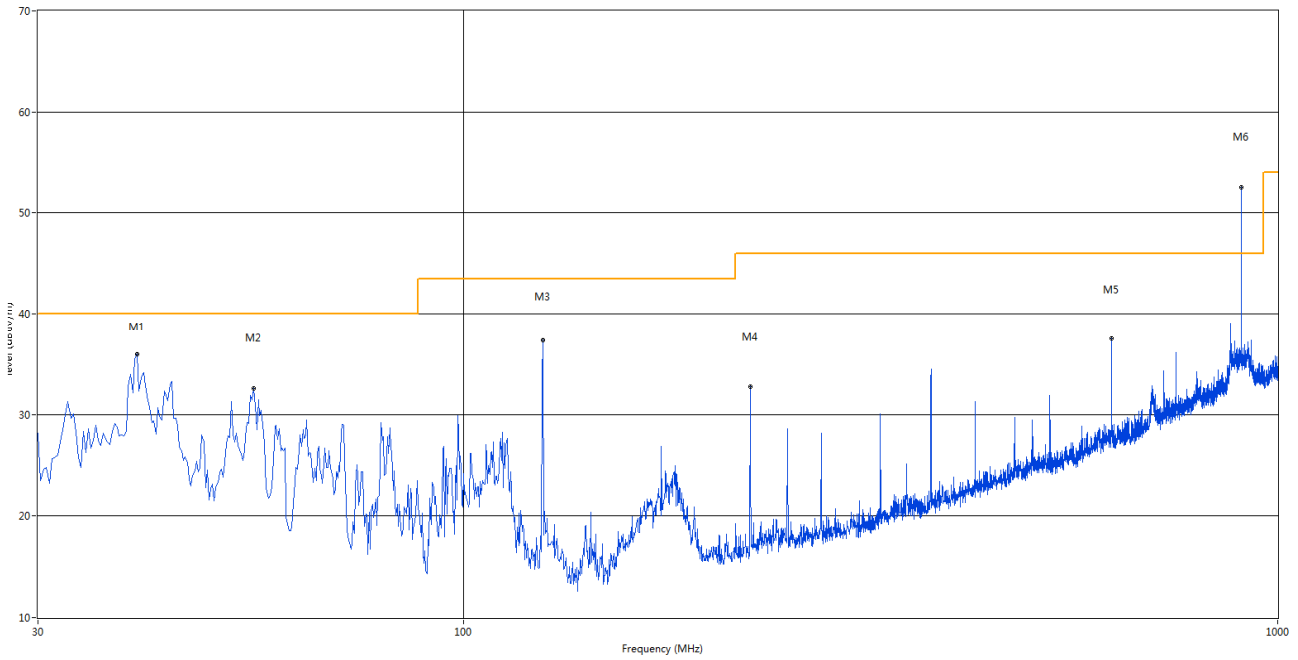
The RFID 902MHz Test Mode

A.1.1 Test Antenna Vertical, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	39.458	35.54	-24.55	40.0	4.46	Peak	0.00	200	Vertical	Pass
2	55.220	32.70	-23.61	40.0	7.30	Peak	287.00	200	Vertical	Pass
3	125.060	36.78	-26.84	43.5	6.72	Peak	123.00	200	Vertical	Pass
4	375.078	36.54	-18.55	46.0	9.46	Peak	186.00	100	Vertical	Pass
5	624.852	38.18	-12.64	46.0	7.82	Peak	224.00	200	Vertical	Pass
6	902.758	52.54	-5.27	46.0	-6.54	Peak	130.00	100	Vertical	N/A

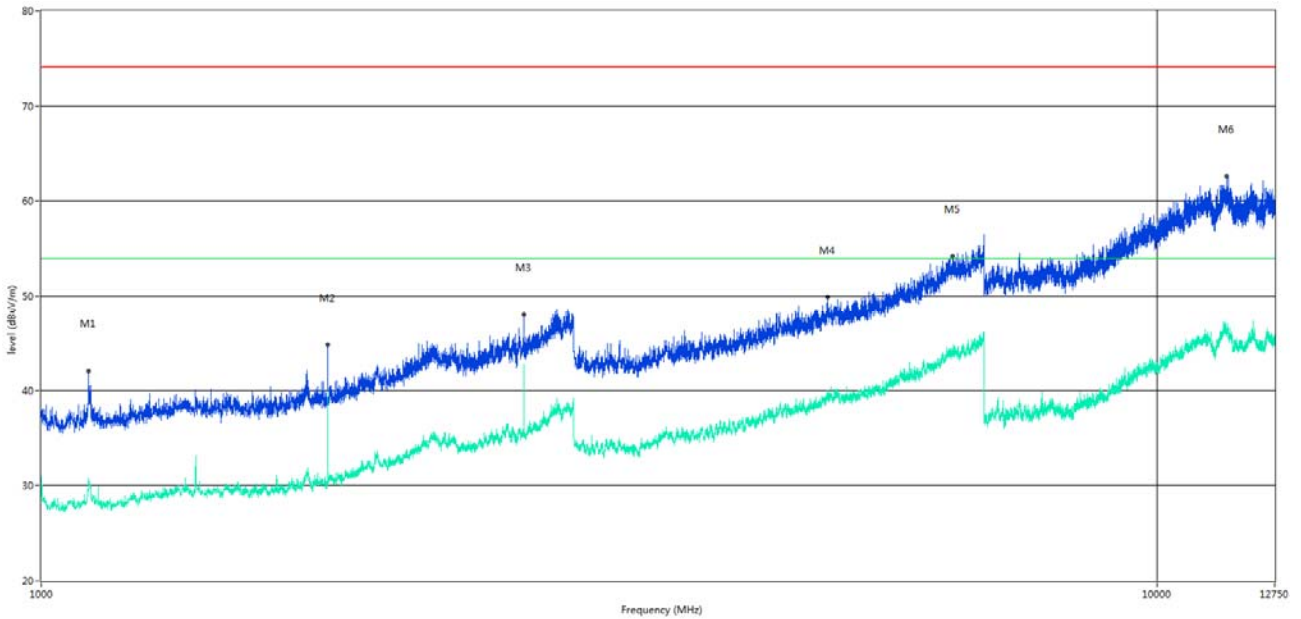
A.1.2 Test Antenna Horizontal, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	39.700	35.93	-24.49	40.0	4.07	Peak	0.00	200	Horizontal	Pass
2	55.220	32.57	-23.61	40.0	7.43	Peak	0.00	200	Horizontal	Pass
3	125.060	37.32	-26.84	43.5	6.18	Peak	104.00	200	Horizontal	Pass
4	224.970	32.70	-23.01	46.0	13.30	Peak	155.00	200	Horizontal	Pass
5	624.852	37.46	-12.64	46.0	8.54	Peak	212.00	100	Horizontal	Pass
6	902.758	52.52	-5.27	46.0	-6.52	Peak	123.00	100	Horizontal	N/A

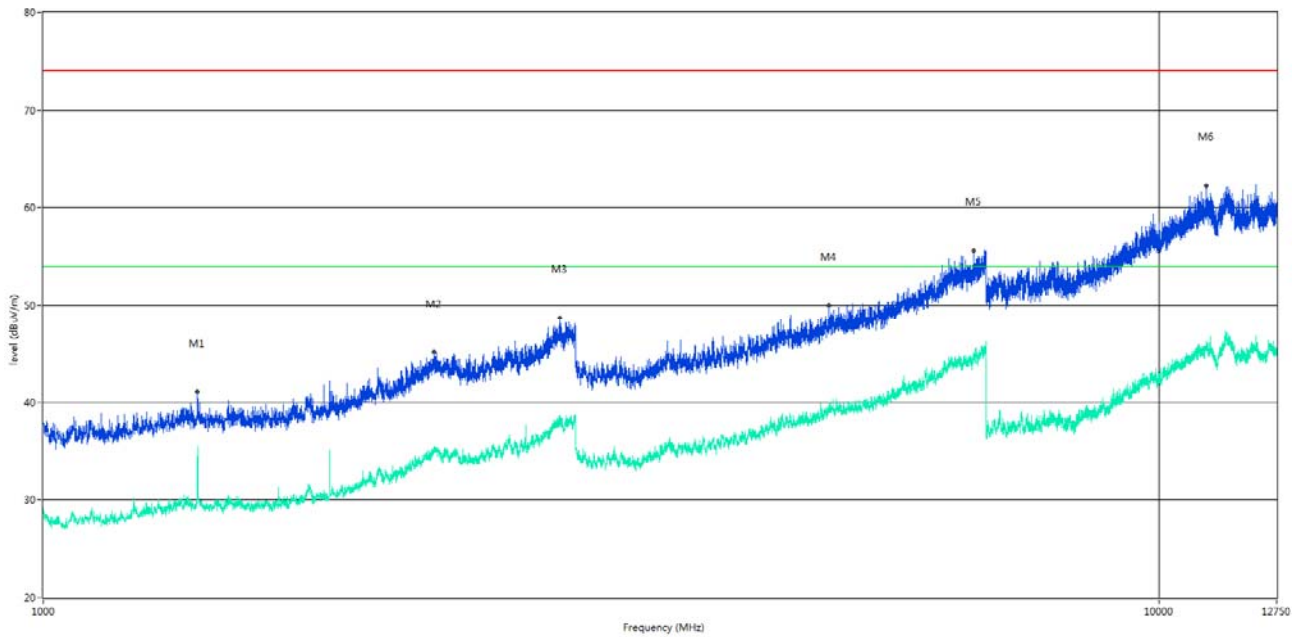
Test Data and Plots (Above 1 GHz)

A.1.3 Test Antenna Vertical, 1 GHz – 12.75 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1103.000	29.8	-10.62	54.0	24.20	AV	9.00	100	Vertical	Pass
1	1103.000	42.03	-10.62	74.0	31.97	Peak	9.00	100	Vertical	Pass
2**	1805.500	36.4	-10.71	54.0	17.60	AV	149.00	100	Vertical	Pass
2	1805.500	44.82	-10.71	74.0	29.18	Peak	149.00	100	Vertical	Pass
3**	2708.000	36.0	-4.18	54.0	18.00	AV	60.00	100	Vertical	Pass
3	2708.000	48.02	-4.18	74.0	25.98	Peak	60.00	100	Vertical	Pass
4**	5065.000	39.5	0.09	54.0	14.50	AV	344.00	100	Vertical	Pass
4	5065.000	49.88	0.09	74.0	24.12	Peak	344.00	100	Vertical	Pass
5**	6564.000	44.1	5.98	54.0	9.90	AV	360.00	100	Vertical	Pass
5	6564.000	54.20	5.98	74.0	19.80	Peak	360.00	100	Vertical	Pass
6**	11541.063	46.2	31.88	54.0	7.80	AV	249.00	100	Vertical	Pass
6	11541.063	62.59	31.88	74.0	11.41	Peak	249.00	100	Vertical	Pass

A.1.4 Test Antenna Horizontal, 1 GHz – 12.75 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1374.500	30.4	-10.65	54.0	23.60	AV	359.00	100	Horizontal	Pass
1	1374.500	41.07	-10.65	74.0	32.93	Peak	359.00	100	Horizontal	Pass
2**	2241.500	35.3	-5.01	54.0	18.70	AV	273.00	100	Horizontal	Pass
2	2241.500	45.19	-5.01	74.0	28.81	Peak	273.00	100	Horizontal	Pass
3**	2903.000	38.3	-0.90	54.0	15.70	AV	158.00	100	Horizontal	Pass
3	2903.000	48.74	-0.90	74.0	25.26	Peak	158.00	100	Horizontal	Pass
4**	5063.000	39.5	0.06	54.0	14.50	AV	16.00	100	Horizontal	Pass
4	5063.000	49.98	0.06	74.0	24.02	Peak	16.00	100	Horizontal	Pass
5**	6820.000	44.8	6.84	54.0	9.20	AV	78.00	100	Horizontal	Pass
5	6820.000	55.59	6.84	74.0	18.41	Peak	78.00	100	Horizontal	Pass
6**	11023.563	45.2	31.12	54.0	8.80	AV	167.00	100	Horizontal	Pass
6	11023.563	62.26	31.12	74.0	11.74	Peak	167.00	100	Horizontal	Pass

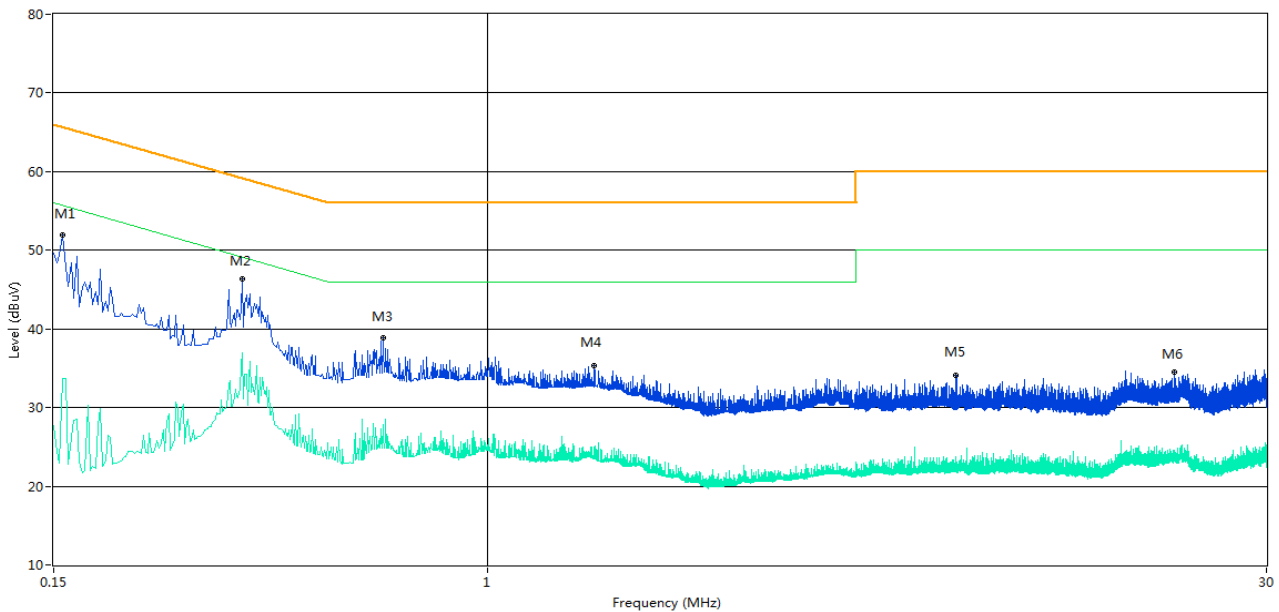
A.2 Conducted Emission

Note: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

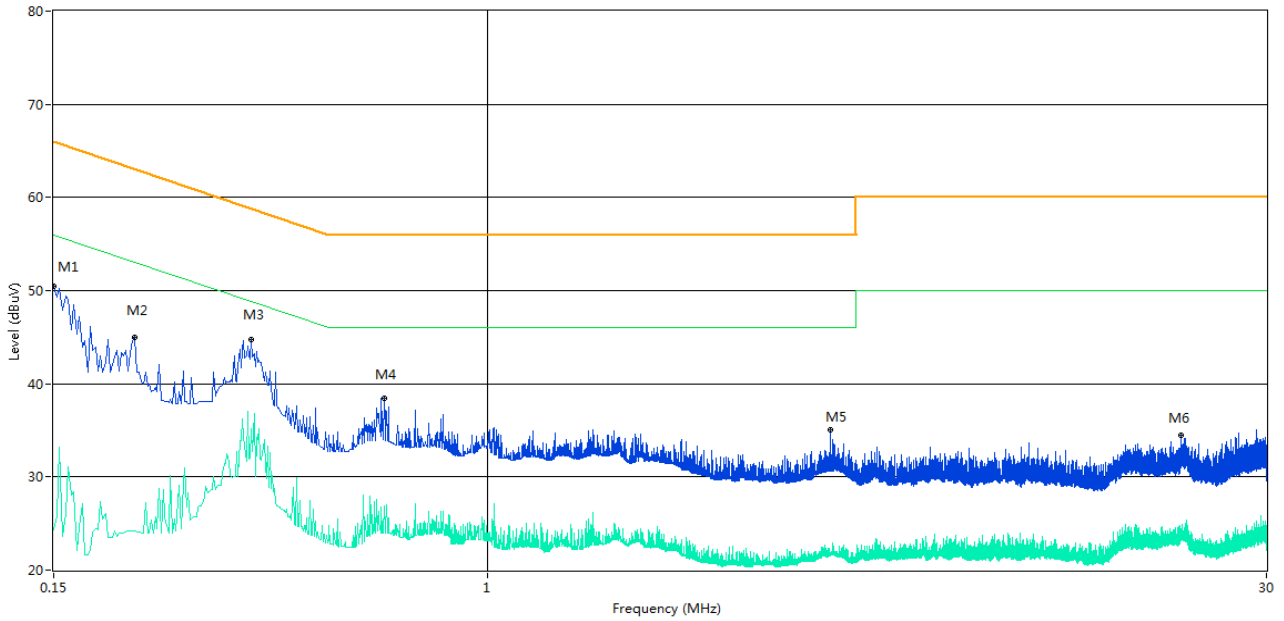
The RFID 902MHz Test Mode

A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	51.9	10.04	65.7	13.80	Peak	L Line	Pass
1**	0.156	33.7	10.04	55.7	22.00	AV	L Line	Pass
2	0.342	46.4	10.04	59.2	12.80	Peak	L Line	Pass
2**	0.342	36.9	10.04	49.2	12.30	AV	L Line	Pass
3	0.632	38.9	10.05	56.0	17.10	Peak	L Line	Pass
3**	0.632	27.9	10.05	46.0	18.10	AV	L Line	Pass
4	1.592	35.3	10.08	56.0	20.70	Peak	L Line	Pass
4**	1.592	24.9	10.08	46.0	21.10	AV	L Line	Pass
5	7.724	34.1	10.25	60.0	25.90	Peak	L Line	Pass
5**	7.724	23.4	10.25	50.0	26.60	AV	L Line	Pass
6	20.076	34.6	10.59	60.0	25.40	Peak	L Line	Pass
6**	20.076	24.1	10.59	50.0	25.90	AV	L Line	Pass

A.2.2 N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	50.5	10.04	66.0	15.50	Peak	N Line	Pass
1**	0.150	24.3	10.04	56.0	31.70	AV	N Line	Pass
2	0.214	45.0	10.04	63.0	18.00	Peak	N Line	Pass
2**	0.214	22.6	10.04	53.0	30.40	AV	N Line	Pass
3	0.356	44.7	10.04	58.8	14.10	Peak	N Line	Pass
3**	0.356	35.2	10.04	48.8	13.60	AV	N Line	Pass
4	0.636	38.5	10.05	56.0	17.50	Peak	N Line	Pass
4**	0.636	26.9	10.05	46.0	19.10	AV	N Line	Pass
5	4.468	35.0	10.16	56.0	21.00	Peak	N Line	Pass
5**	4.468	21.4	10.16	46.0	24.60	AV	N Line	Pass
6	20.656	34.5	10.61	60.0	25.50	Peak	N Line	Pass
6**	20.656	24.2	10.61	50.0	25.80	AV	N Line	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-HK1830324-AE.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-HK1830324-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-HK1830324-AI.PDF".

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