

FCC Test Report

Report No.: AGC00439180105FE03

FCC ID : 2ABV6HLD-DT-A

APPLICATION PURPOSE : Original Equipment

PRODUCT DESIGNATION: Elevator Access Controller

BRAND NAME : N/A

MODEL NAME : HLD-DT-A, HLD-DT-A(Z)

CLIENT: Shenzhen ITLONG Intelligent Technology CO.,LTD

DATE OF ISSUE : May 04, 2018

STANDARD(S)

TEST PROCEDURE(S)

: FCC Part 15 Rules

REPORT VERSION V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

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Page 2 of 63

REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	LO M	May 04, 2018	Valid	Initial Release

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TABLE OF CONTENTS

2. GENERAL INFORMATION		6
3. MEASUREMENT UNCERTAINTY		
4. DESCRIPTION OF TEST MODES	A STATE OF THE STA	
5. SYSTEM TEST CONFIGURATION		
5.1. CONFIGURATION OF EUT SYSTEM	Aller Transfer	ylance © Milestation of G
5.2. EQUIPMENT USED IN EUT SYSTEM	Alle status	g
5.3. SUMMARY OF TEST RESULTS		<u>c</u>
6. TEST FACILITY		
7. RADIATED EMISSION		
7.1TEST LIMIT		
7.2. MEASUREMENT PROCEDURE	M. Compile	12
7.3. TEST SETUP		14
7.4. TEST RESULT		15
8. FREQUENCY STABILITY		
8.1. MEASUREMENT PROCEDURE	© Marie	18
8.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	- GY	18
8.3. MEASUREMENT RESULTS		19
9. 20DB BANDWIDTH		
9.1. MEASUREMENT PROCEDURE		21
9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)		21
9.3. MEASUREMENT RESULTS	10 6	22
10. FCC LINE CONDUCTED EMISSION TEST	© Marian d Carre	24
10.1. LIMITS OF LINE CONDUCTED EMISSION TEST	<u>o</u>	24
10.1. LIMITS OF LINE CONDUCTED EMISSION TEST		24
10.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST		
10.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST		
10.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST		26

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Report No.: AGC00439180105FE03 Page 4 of 63

APPENDIX A: PHOTOGRAPHS OF TEST SETUP	•••••		28
APPENDIX B: PHOTOGRAPHS OF EUT		 	30

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Report No.: AGC00439180105FE03 Page 5 of 63

1. VERIFICATION OF CONFORMITY

Applicant	Shenzhen ITLONG Intelligent Technology CO.,LTD				
Address	12th Floor Buildig C1, Nanshan iPark, 1001Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong, China.				
Manufacturer	Shenzhen ITLONG Intelligent Technology CO.,LTD				
Address	th Floor Buildig C1, Nanshan iPark, 1001Xueyuan Avenue, Nanshan District, enzhen, Guangdong, China.				
Product Designation	Elevator Access Controller				
Brand Name	N/A				
Test Model	HLD-DT-A				
Series Model	HLD-DT-A(Z)				
Model Difference	All the same except for the appearance. HLD-DT-A with LOGO and HLD-DT-A(Z) without.				
Date of test	Jan. 22, 2018 to May 04, 2018				
Deviation	None None				
Condition of Test Sample	Normal				
Report Template	AGCRT-US-BR/RF				

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rules Part 15.225.

Tested by	Max 2h	ang
	Max Zhang(Zhang Yi)	May 04, 2018
Reviewed by	Borex	ie
	Bart Xie(Xie Xiaobin)	May 04, 2018

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Page 6 of 63

2. GENERAL INFORMATION

A major technical description of EUT is described as following

Operation Frequency	13.56MHz	
Maximum field strength	52.42 dBµV/m@3m	
Modulation	ASK	
Number of channels	The state of the s	
Antenna Gain	2.813dBi	
Antenna Designation External Antenna (Met 15.203 Antenna requirement) This antenna will be used as professionally installed		
Hardware Version	HLD-DT0110(V1.2)	
Software Version HLD-DT0110AV2000		
Power Supply	DC 12V-24V, 1A	

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Report No.: AGC00439180105FE03 Page 7 of 63

3. MEASUREMENT UNCERTAINTY

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in measurement" (GUM) published by CISPR and ANSI.

- Uncertainty of Conducted Emission, Uc = ±3.2 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±3.9 dB
- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.8 dB

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Page 8 of 63

4. DESCRIPTION OF TEST MODES

NO.			TEST MODE DESCRIPTIO	N	
1	10 July 100	® Figure of Glober	Transmitting	-00	100
Noto	3/1 (Com)		Allen		

Note

- 1. All the test modes can be supply by adapter, only the result of the worst case was recorded in the report, if no other cases.
- 2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.

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Page 9 of 63

5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM

Configure:

EUT	,0 "	DC Source
	115	

5.2. EQUIPMENT USED IN EUT SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	Elevator Access Controller	HLD-DT-A	2ABV6HLD-DT-A	EUT
2	Car reader	HLD-DT-A		EUT
3	Floor Expansion Unit	HLD-DT-A	March San Andrews Comment	EUT
4	DC Source	55D23L-MF	12V 60Ah	Support * 2
5	Adaptor	MX15W-0502000UX	100-240V 50/60Hz 0.4A	Support
6	Jumper cable	GC -FCC	0.5m	Support * 2
7	RS485 to RS232	HY-813	S Marine of the Completion	Support
8 8	Floor controller button	Page Page	- 20	Support * 8
9	Card reader expansion	The state of the s	of County Companies (Special Conference of County C	Support
10	Fire and extension interface	-CC	FQ_	Support

5.3. SUMMARY OF TEST RESULTS

Mar. and		
FCC RULES	DESCRIPTION OF TEST	RESULT
§15.209	Radiated Emission	Compliant
§15.207	Conducted Emission	Compliant
§15.225	Frequency Tolerance	Compliant
§15.225	20dB bandwidth	Compliant

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Page 10 of 63

6. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd			
Location	1-2F., Bldg.2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Bao'an District B112-B113, Bldg.12, Baoan Bldg Materials Center, No.1 of Xixiang Inner Ring Road, Baoan District, Shenzhen 518012			
NVLAP LAB CODE	600153-0			
Designation Number	CN5028			
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by National Voluntary Laboratory Accreditation program, NVLAP Code 600153-0			

TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Jun.20, 2017	Jun.19, 2018
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec.08, 2017	Dec.07, 2018
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep.20, 2017	Sep.19, 2018
preamplifier	ChengYi	EMC184045SE	980508	Sep.15, 2017	Sep.14, 2018
Active loop antenna (9K-30MHz)	A.H.	SAS-562B	N/A	Mar.01, 2016	Feb.28, 2018
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May.18, 2017	May.17, 2019
Broadband Preamplifier	SCHWARZBECK	BBV 9718	9718-205	Jun.20, 2017	Jun.19, 2018
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep.28, 2017	Sep.27, 2018

TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment Manufacturer		Model	S/N	Cal. Date	Cal. Due	
TEST RECEIVER	R&S	ESPI 🛛	101206	Jun.20, 2017	Jun.19, 2018	
LISN	R&S	ESH2-Z5	100086	Aug.21, 2017	Aug.20, 2018	

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Page 11 of 63

7. RADIATED EMISSION

7.1TEST LIMIT

Standard FCC15.225 for within the 13.110MHz-14.010MHz band

Frequencies (MHz)	Field Strength at 30m (micorvolts/meter)	Field Strength at 30m (dBuV/m)	Field Strength at 3m (dBuV/m)
13.553~13.567	15.848	84	124
13.410~13.553 13.567~13.710	334	50.5	90.5
13.110~13.410 13.710~14.010	106	40.5	80.5

According to 15.35, on any frequency or frequencies below or equal to 1000 MHz, the limits Shown are based on measuring equipment employing a CISPR quasi-peak detector function and related measurement bandwidths, unless otherwise specified the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test.

Standard FCC 15.209 for outside of the 13.110MHz-14.010MHz band

Frequency	Distance	Field Strengths Limit				
(MHz)	Meters	μ V/m	dB(μV)/m			
0.009 ~ 0.490	300	2400/F(kHz)	60			
0.490 ~ 1.705	30	24000/F(kHz)				
1.705 ~ 30	30	30	IN Browning			
30 ~ 88	3	100	40.0			
88 ~ 216	3	150	43.5			
216 ~ 960	3	200	46.0			
960 ~ 1000	3	500	54.0			
Above 1000	3	Other:74.0 dB(µV)/m (Pe	ak) 54.0 dB(μV)/m (Average)			

Remark:

- (1) Emission level dB μ V = 20 log Emission level μ V/m
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

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Report No.: AGC00439180105FE03 Page 12 of 63

7.2. MEASUREMENT PROCEDURE

- The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

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Page 13 of 63

The following table is the setting of spectrum analyzer and receiver.

	Spectrum Parameter	Setting
校 测	Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
obal Collin	Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
GO 1	Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP

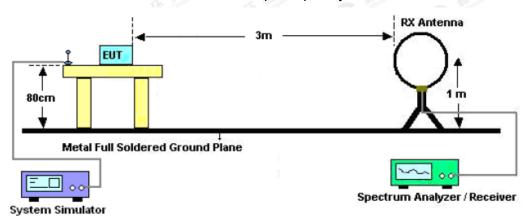
Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP

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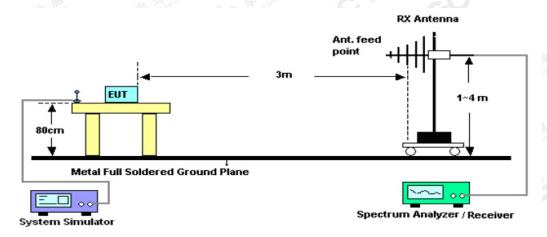


7.3. TEST SETUP

Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



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Page 15 of 63

7.4. TEST RESULT

DC 12V and DC 24V are both tested, but the worst case was recorded in this report only.

RADIATED EMISSION BELOW 30MHZ

EUT:	Elevator Access Controller	Model Name	HLD-DT-A
Temperature :	20 °C	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC12V
Test Mode :	Mode 1	Polarization :	

Frequency	Frequency Reading Correction		Result	Limit	Margin	Polar	Detector
		Factor					
MHz	dBuV/m	dB/m	dBuV/m	dBuV/m	dB	Side/Face	
13.5600	58.71	-6.29	52.42	124	-71.58	Side	Peak
27.1200	38.75	-7.03	31.72	69.5	-37.78	Side	Peak
13.5600	58.51	-6.29	52.22	124	-71.78	Face	Peak
27.1200	35.48	-7.03	28.45	69.5	-41.05	Face	Peak

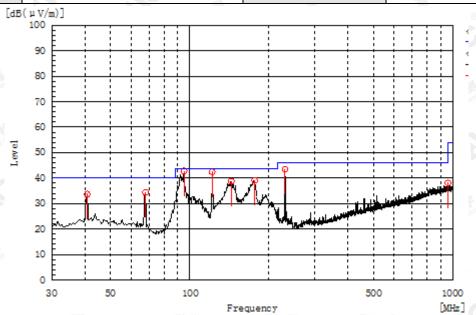
Note: Other emissions from 9 kHz to 30 MHz are considered as ambient noise. No recording in the test report.

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RADIATED EMISSION 30MHz-1GHZ

EUT:	Elevator Access Controller	Model Name	HLD-DT-A
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC12V
Test Mode :	Mode 1	Polarization :	Horizontal



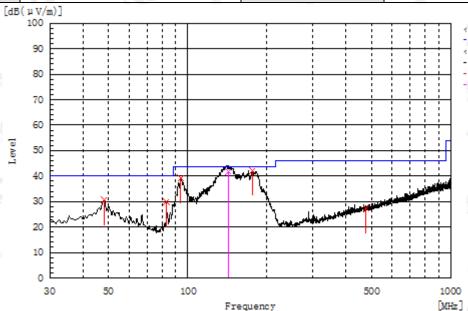
	Á	E33373	2012 120	100	CALL				
Frequency MHz	Polarization	Reading dB(uV)	Factor dB (1/m)	Level dB(uV/m) PK	Limit dB(uV/m) QP	Margin dB	Pass/Fail	Height cm	Angle deg
40.670	Н	16.3	17.4	33.7	40.0	6.3	Pass	200.0	80.2
67.830	√ AH	19.4	15.0	34.4	40.0	5.6	Pass	150.0	333.3
94.990	not Clothe H	30.1	12.7	42.8	43.5	0.7	Pass	200.0	161.4
121.665	Н	26.9	15.5	42.4	43.5	1.1	Pass	200.0	216.6
143.975	H	22.2	16.6	38.8	43.5	4.7	Pass	150.0	294.8
176.470	® # Honor Clabal	24.1	15.0	39.1	43.5	4.4	Pass	150.0	31.0
230.305	О Н	27.8	15.7	43.5	46.0	2.5	Pass	100.0	347.7
960.230	Н	7.3	30.8	38.1	54.0	15.9	Pass	150.0	37.4

RESULT: PASS

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EUT:	Elevator Access Controller	Model Name	HLD-DT-A
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC12V
Test Mode :	Mode 1	Polarization :	Vertical



Frequenc y MHz	Polarizati on	Reading dB(uV)	Factor dB (1/m)	Level dB(uV/m) PK	Limit dB(uV/m) QP	Margin dB	Pass/Fa il	Height cm	Angle deg
47.945	V	13.5	17.2	30.7	40.0	9.3	Pass	100.0	32.4
82.865	V Junior Co	17.5	12.3	29.8	40.0	10.2	Pass	200.0	350.6
94.020	ation of Global V	26.7	12.6	39.3	43.5	4.2	Pass	150.0	358.4
176.470	V	27.2	15.0	42.2	43.5	1.3	Pass	100.0	8.2
476.685	V	4.9	22.5	27.4	46.0	18.6	Pass	150.0	299.2

atio	Frequenc y MHz	Polarizati on	Reading dB(uV) QP	Factor dB (1/m)	Level dB(uV/m) QP	Limit dB(uV/m) QP	Margin dB	Pass/Fa il	Height cm	Angle deg
0	142.520	ompliance V	25.1	16.6	41.7	43.5	1.8	Pass	100.0	319.4

RESULT: PASS

Note:

Factor=Antenna Factor + Cable loss, Margin=Result-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

The mode 1 is the worst case, and only the data of the worst case recorded in this test report.

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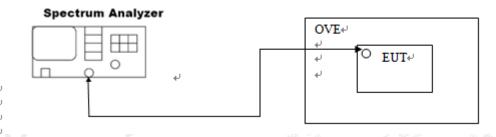
Page 18 of 63

8. FREQUENCY STABILITY

8.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. Set the EUT Work on the operation frequency.
- 3. Set SPA Centre Frequency = Operation Frequency, RBW= 1 KHz, VBW≥ 3×RBW.
- 4. Set SPA Trace 1 Max hold, then View.
- 5. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
- 6. Extreme temperature rule is -20°C~50°C.

8.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)



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Page 19 of 63

8.3. MEASUREMENT RESULTS

Operating frequency: 13.56MHz

DC 12V

Voltage vs. Frequency Stability (Test Temperature: 20 °C)

Voltage(V)	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit(MHz)	Conclusion
12.0	13.56011	and a	下 植 plance	(B) Station of C
10.2	13.56018	0.00018	0.001356	PASS
13.8	13.56013	The Company of the Auto	ation L. Aliester	

Temperature vs. Frequency Stability (Test Voltage: DC12V)

Temperature	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit(MHz)	Conclusion
- 20℃	13.56015			
-10°C	13.56019		11	a ce
0℃	13.56020	- FINE - 1	J. James S. J. of Global C.	® Atalian of Gilo
10℃	13.56015	0.00020	0.001356	PASS
20℃	13.56016	0.00020	0.001356	PASS
30℃	13.56019	60		1
40℃	13.56020			197 July
50℃	13.56017		The state of the s	E The Committee

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Page 20 of 63

DC 24V

Voltage vs. Frequency Stability (Test Temperature: 20°C)

Voltage(V)	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit(MHz)	Conclusion
24.0	13.56018	E That com	T a Global Co	Artesta
20.4	13.56016	0.00019	0.001356	PASS
27.6	13.56019	Alle S	-0	

Temperature vs. Frequency Stability (Test Voltage: DC 24V)

Temperature	Measurement Frequency (MHz)	Max. Deviation (MHz)	Limit(MHz)	Conclusion
- 20℃	13.56015	Hation,		
-10℃	13.56019		100	45 m
0℃	13.56021	Till:	EK KE mpliance	IN a Compile
10℃	13.56020	0.00021	0.001256	Lation of Control
20℃	13.56015	0.00021	0.001356	PASS
30℃	13.56018	Altestation C		
40 ℃	13.56017			THE TAX THE
50 ℃	13.56019		加	plia ce

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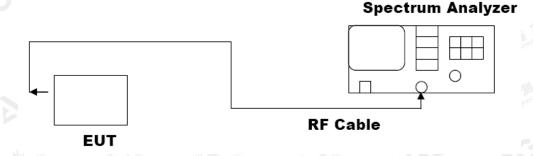


9. 20DB BANDWIDTH

9.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. Set the EUT Work on the operation frequency.
- 3. Set SPA Centre Frequency = Operation Frequency, RBW= 1 KHz, VBW≥ 3×RBW.
- 4. Set SPA Trace 1 Max hold, then View.

9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)



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9.3. MEASUREMENT RESULTS

TEST ITEM	20DB BANDWIDTH	(R) Milestation of Gio	® Allestation of Globa	(S) Altestation of
TEST MODE	Mode1	GO (C	,	

DC 12V

Operate channel	Test Data (kHz)	Criteria
Operate channel	2.710	PASS



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DC 24V

	Test Data (kHz)	Criteria	
Operate channel	2.708	PASS	



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10. FCC LINE CONDUCTED EMISSION TEST

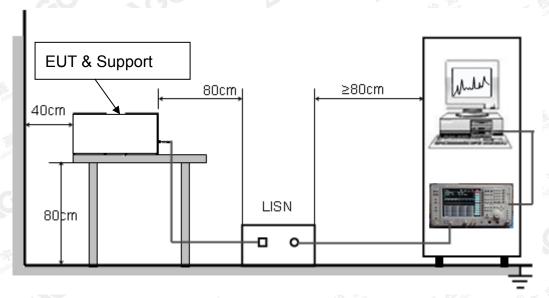
10.1. LIMITS OF LINE CONDUCTED EMISSION TEST

F	Maximum RF Line Voltage		
Frequency	Q.P.(dBuV)	Average(dBuV)	
150kHz~500kHz	66-56	56-46	
500kHz~5MHz	56	46	
5MHz~30MHz	060	50	

Note:

- 1. The lower limit shall apply at the transition frequency.
- 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

10.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



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Report No.: AGC00439180105FE03 Page 25 of 63

10.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipments received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received charging voltage by adapter which received 120V/60Hzpower by a LISN...
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

10.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

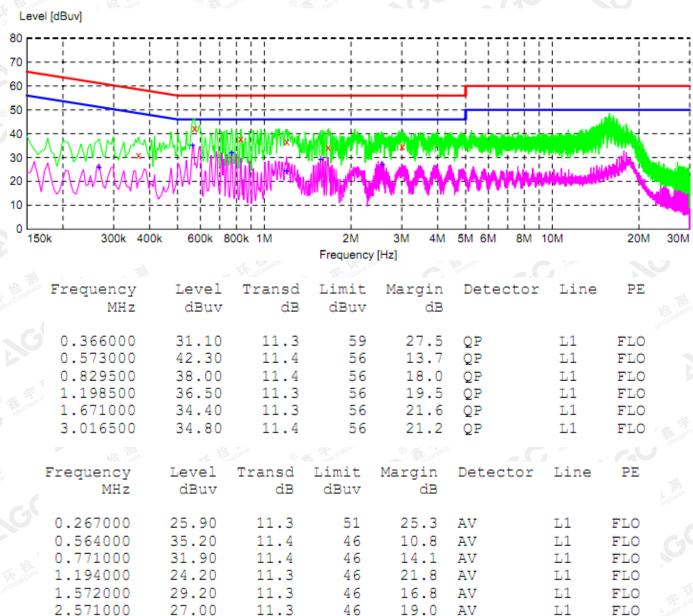
- EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions.
 Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- 3. The test data of the worst case condition(s) was reported on the Summary Data page.

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10.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

LINE CONDUCTED EMISSION TEST-L1

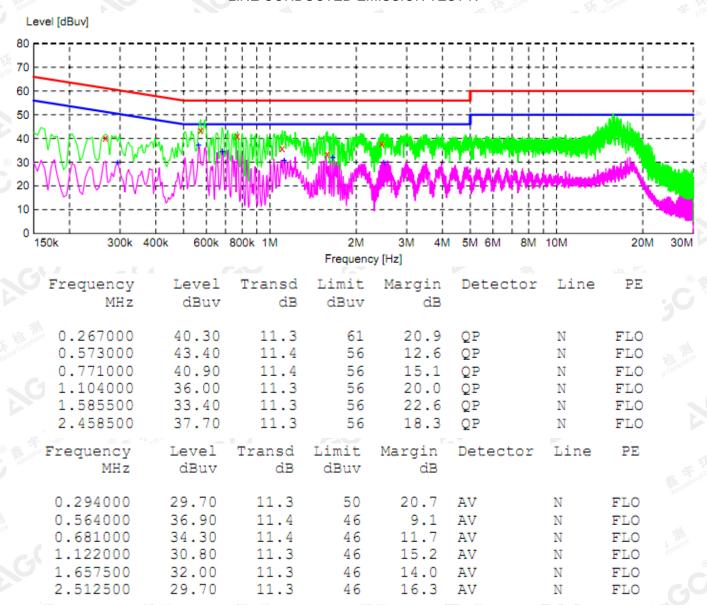


RESULT: PASS

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LINE CONDUCTED EMISSION TEST-N



RESULT: PASS

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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

FCC LINE CONDUCTED EMISSION TEST SETUP



RADIATED EMISSION TEST SETUP BELOW 30MHz



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RADIATED EMISSION TEST SETUP BELOW 1GHz



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APPENDIX B: PHOTOGRAPHS OF EUT HLD-DT-A

ALL VIEW OF EUT



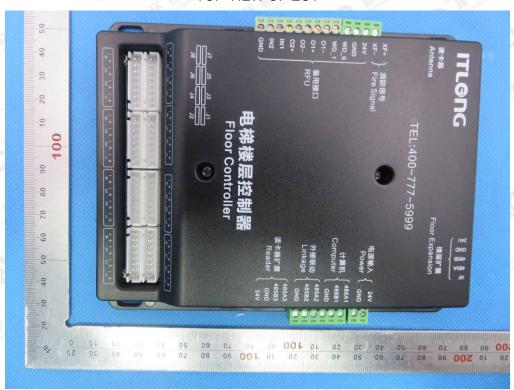
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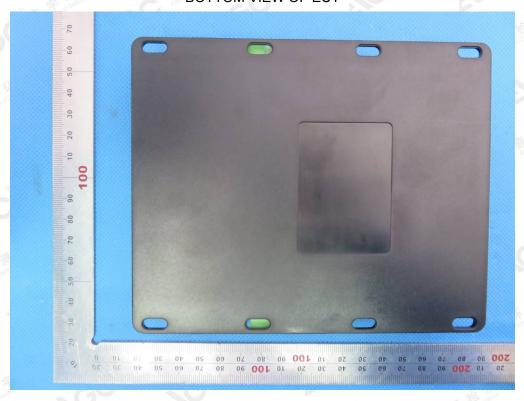
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Floor Controller TOP VIEW OF EUT



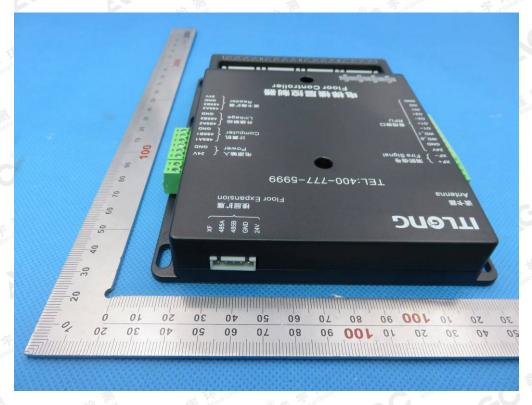
BOTTOM VIEW OF EUT



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FRONT VIEW OF EUT



BACK VIEW OF EUT



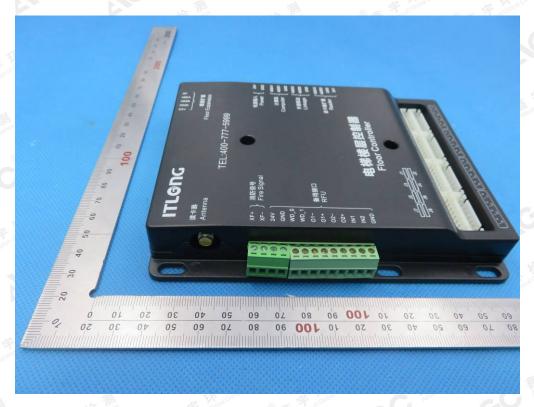
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LEFT VIEW OF EUT



RIGHT VIEW OF EUT



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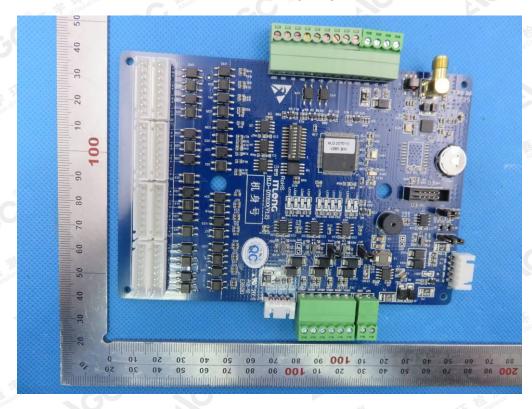
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OPEN VIEW OF EUT



INTERNAL VIEW OF EUT-1



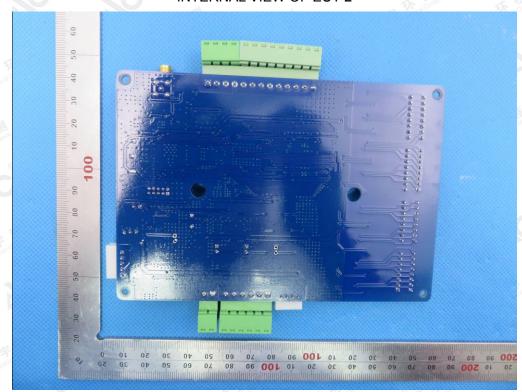
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INTERNAL VIEW OF EUT-2



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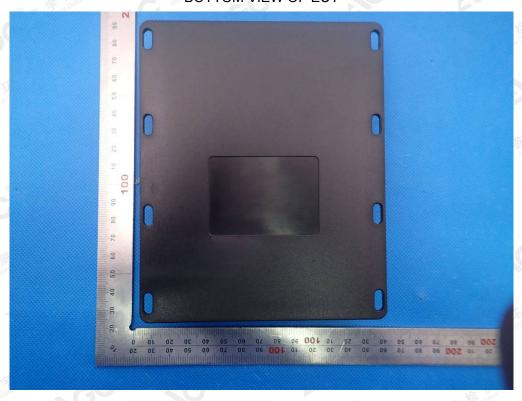
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Floor Expansion Unit TOP VIEW OF EUT



BOTTOM VIEW OF EUT



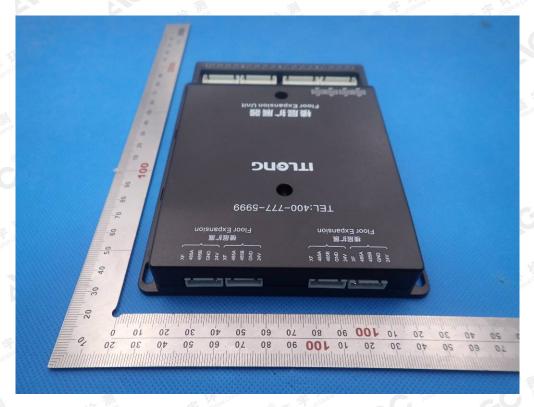
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FRONT VIEW OF EUT



BACK VIEW OF EUT

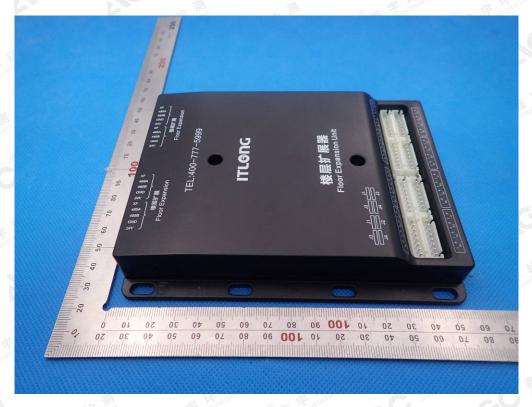


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LEFT VIEW OF EUT



RIGHT VIEW OF EUT



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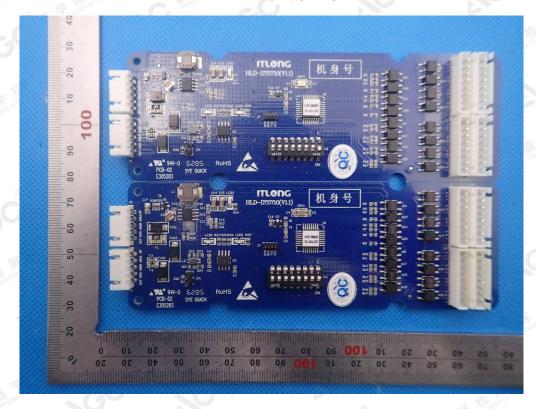
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OPEN VIEW OF EUT



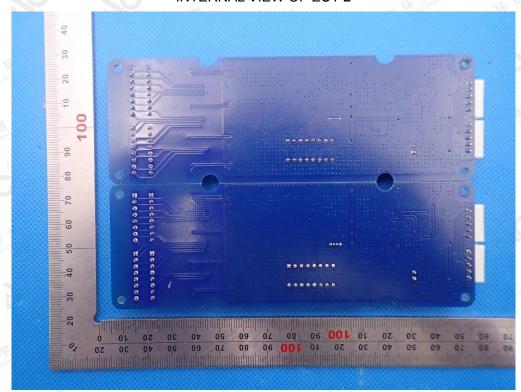
INTERNAL VIEW OF EUT-1



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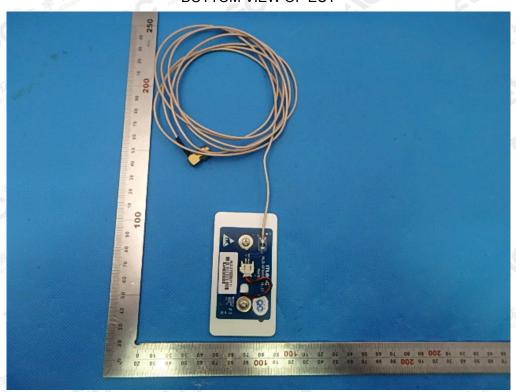
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Transmitter TOP VIEW OF EUT



BOTTOM VIEW OF EUT

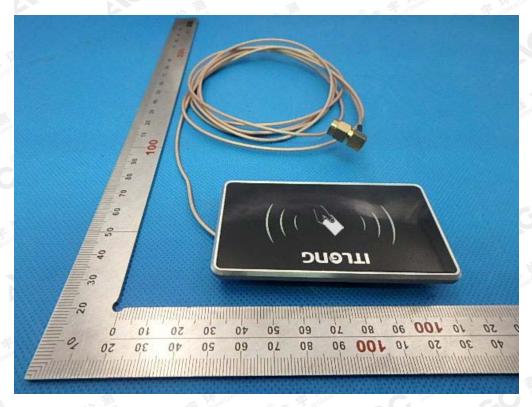


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FRONT VIEW OF EUT



BACK VIEW OF EUT



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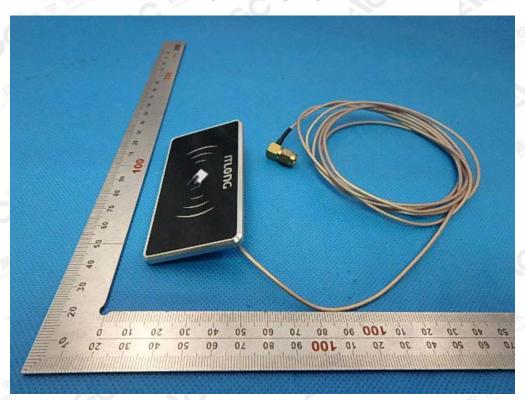
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LEFT VIEW OF EUT



RIGHT VIEW OF EUT

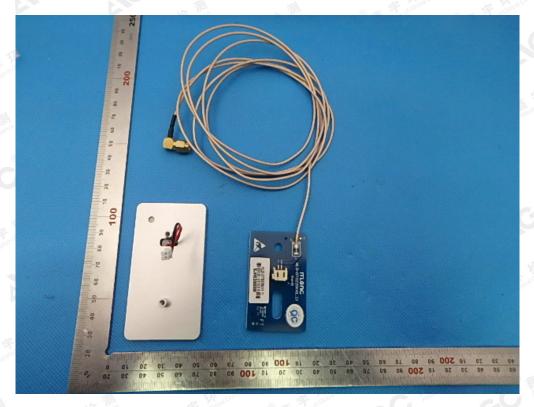


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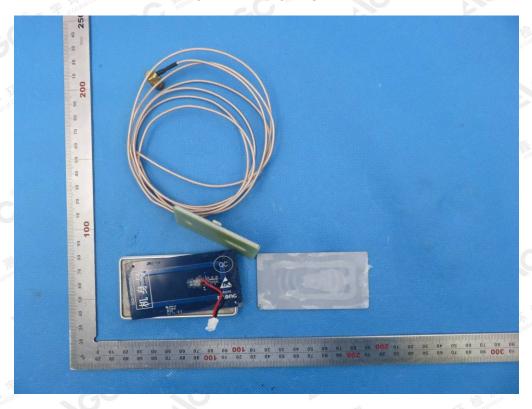
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OPEN VIEW OF EUT



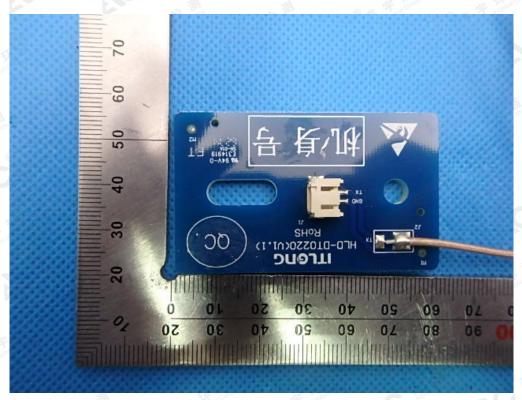
OPEN VIEW OF EUT-1



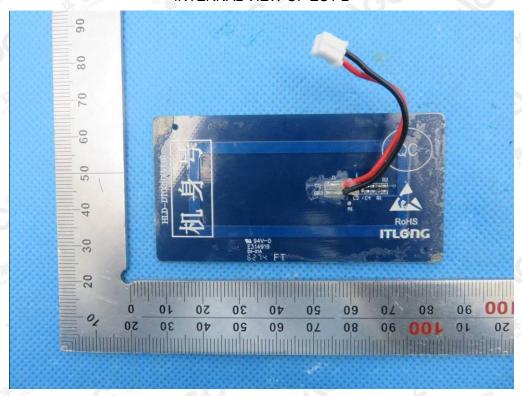
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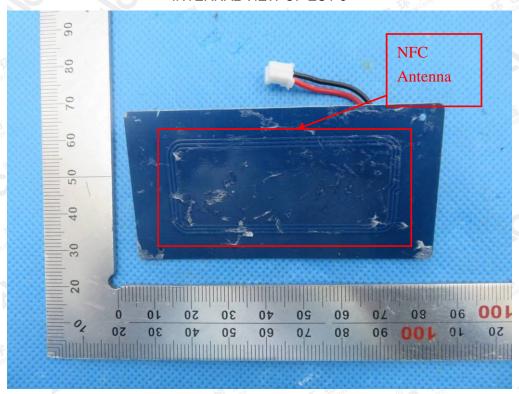
INTERNAL VIEW OF EUT-2



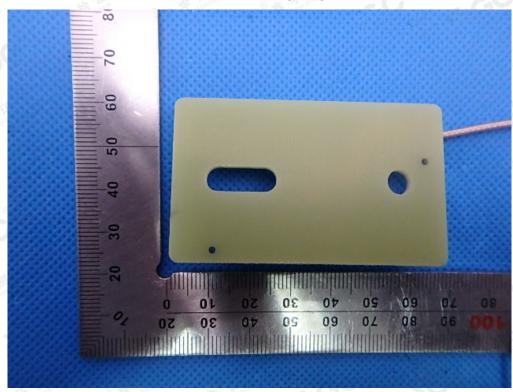
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INTERNAL VIEW OF EUT-4



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HLD-DT-A(Z) ALL VIEW OF EUT

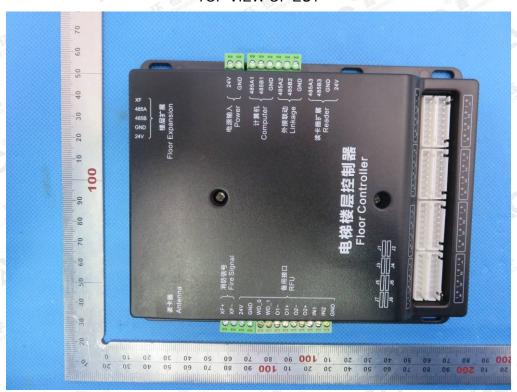


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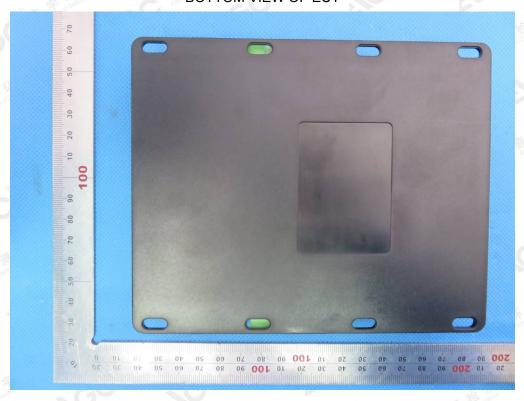
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Floor Controller TOP VIEW OF EUT



BOTTOM VIEW OF EUT

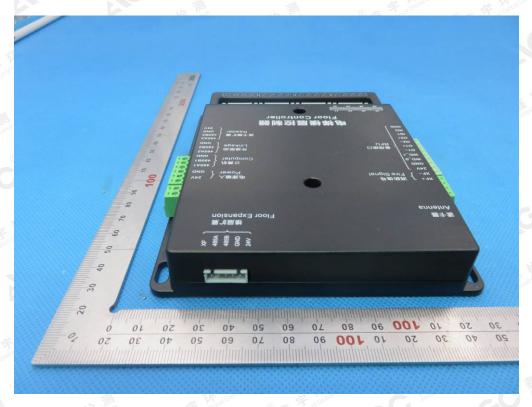


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FRONT VIEW OF EUT



BACK VIEW OF EUT

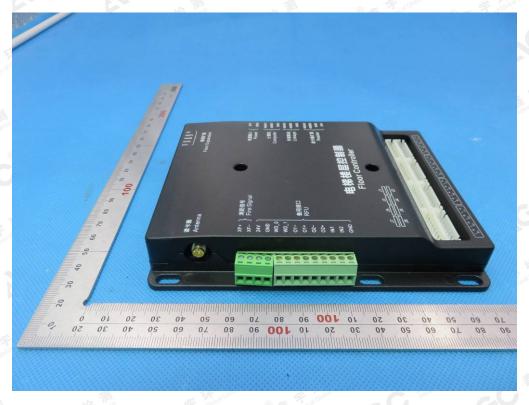


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LEFT VIEW OF EUT



RIGHT VIEW OF EUT



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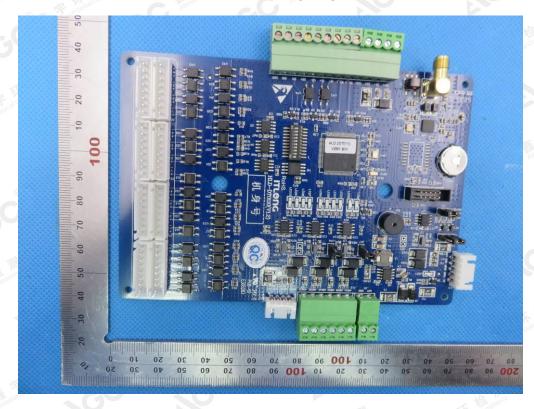
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OPEN VIEW OF EUT



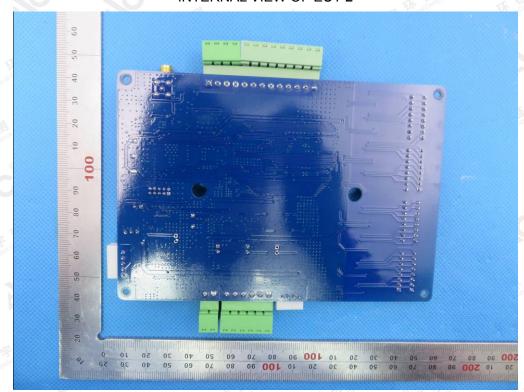
INTERNAL VIEW OF EUT-1



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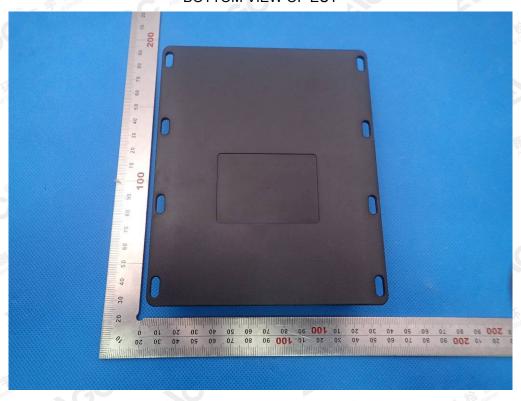
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Floor Expansion Unit TOP VIEW OF EUT



BOTTOM VIEW OF EUT



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FRONT VIEW OF EUT



BACK VIEW OF EUT

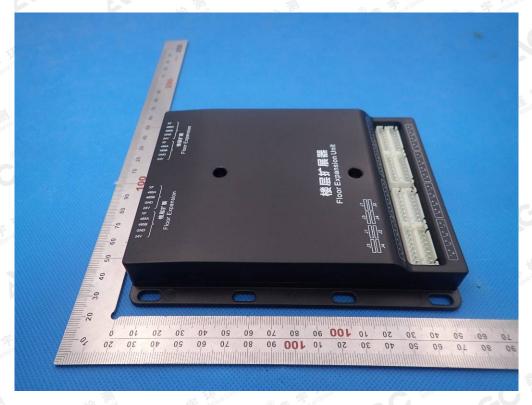


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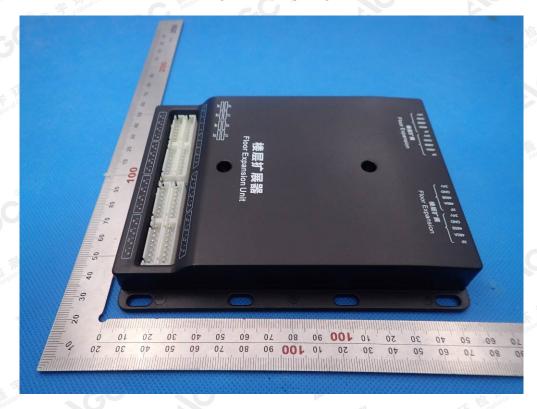
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LEFT VIEW OF EUT



RIGHT VIEW OF EUT

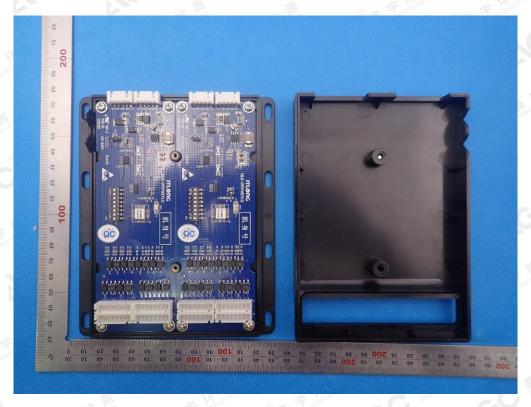


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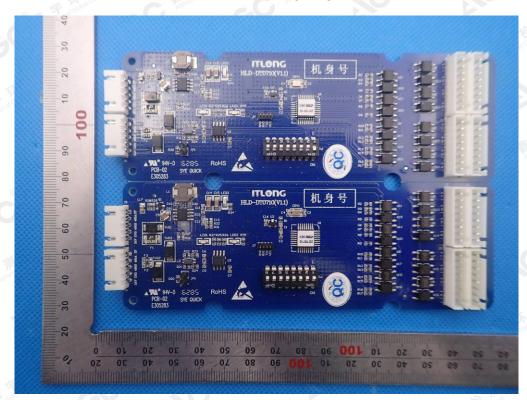
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OPEN VIEW OF EUT



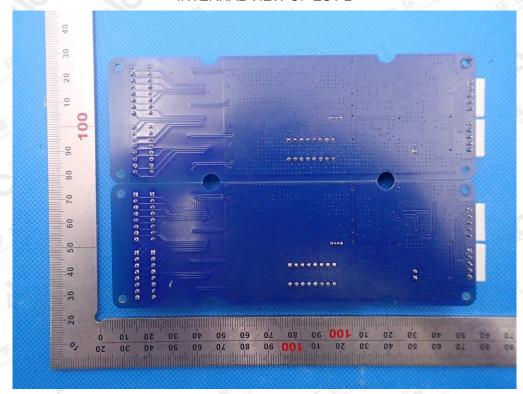
INTERNAL VIEW OF EUT-1



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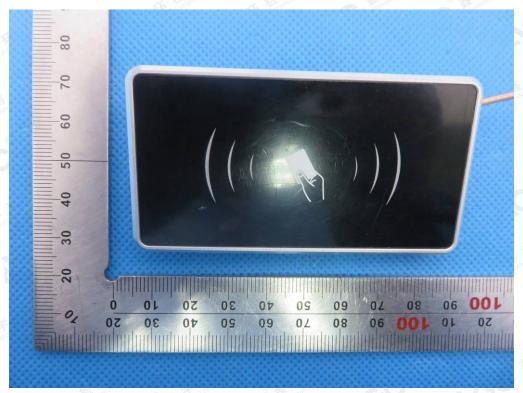


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Transmitter TOP VIEW OF EUT



BOTTOM VIEW OF EUT

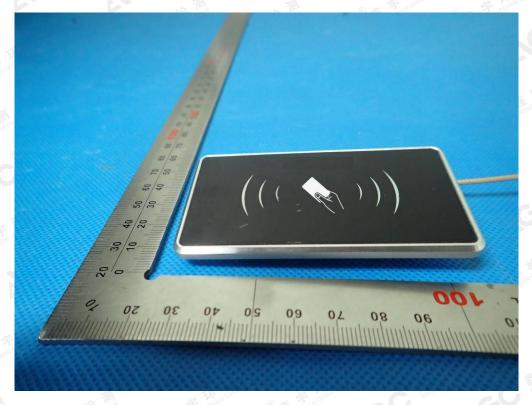


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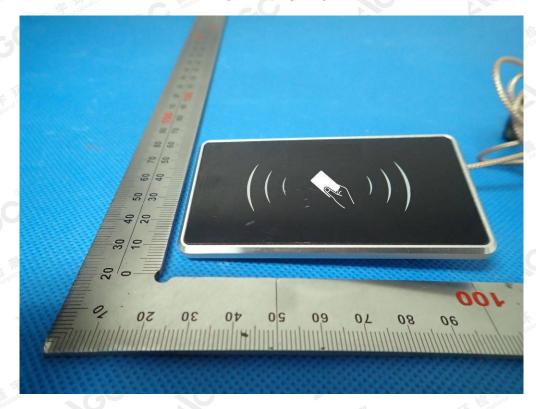
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FRONT VIEW OF EUT



BACK VIEW OF EUT

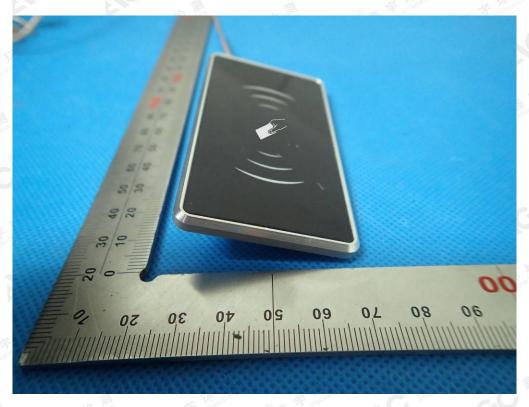


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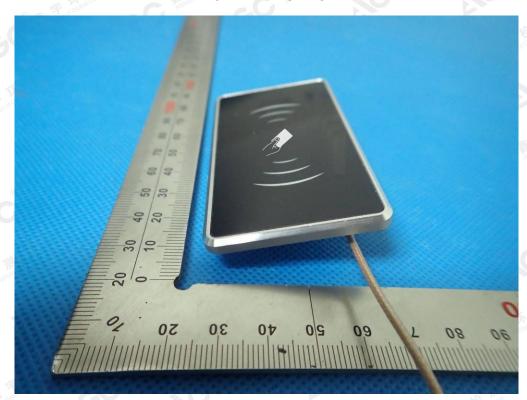
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LEFT VIEW OF EUT



RIGHT VIEW OF EUT

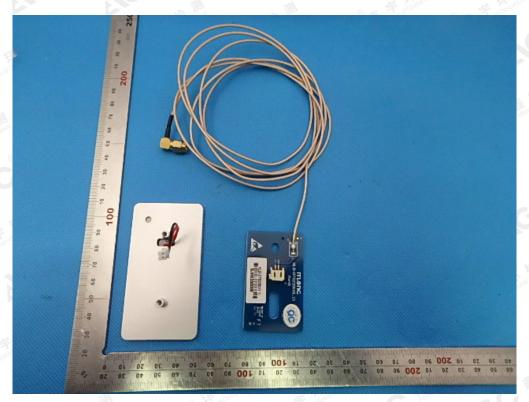


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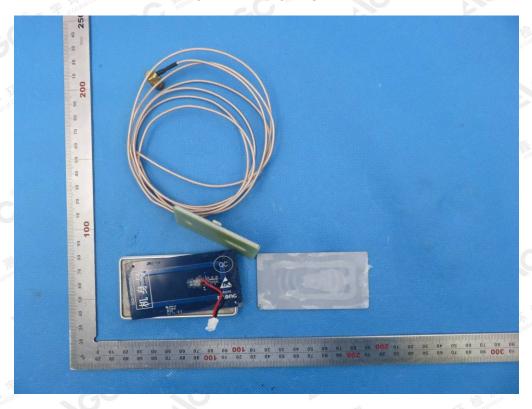
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OPEN VIEW OF EUT



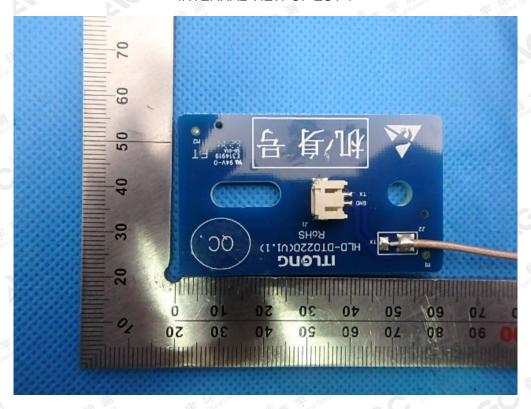
OPEN VIEW OF EUT-1



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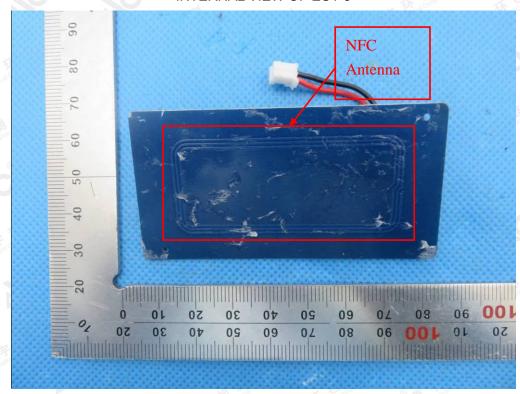
INTERNAL VIEW OF EUT-2



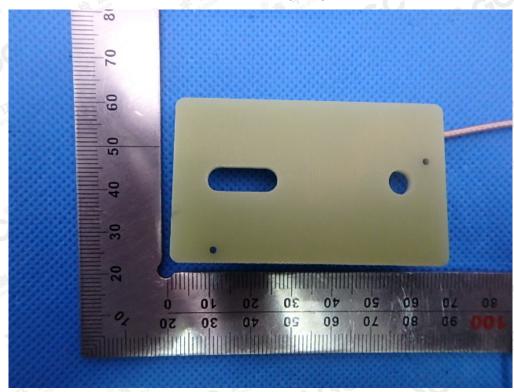
The results spoured this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.

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INTERNAL VIEW OF EUT-4



----END OF REPORT----

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