

Report No.: CCT2021051001ER Page 1 of 61 Rev: 00

SHENZHEN SINOVO ELECTRIC TECHNOLOGIES CO.,LTD.

CE EMC REPORT

Prepared For :	SHENZHEN SINOVO E 5th Floor, No. D Buildin Xixiang Street, Hangol China	g, Huafeng In	ternational l	Robot Industr	y Park,
Product Name:	Inverter	~	30	Char	20
Model :	SD600-4T-1.5G/2.2P, S SD600-4T-4.0G/5.5P, S SD600-4T-11G/15P, SD SD600-4T-22G/30P, SD SD600-4T-45G/55P, SD SD600-4T-90G/110P, S SD600-4T-160G/185P, SD600-4T-220G/250P, SD600-4T-315G/350P, SD600-4T-450G/500P, SD600-2S-1.5G, SD600 SD600-2S-7.5G, SD600 SD600-2S-7.5G, SD600 SD600-2T-1.5G, SD600 SD600-2T-7.5G, SD600	D600-4T-5.50 600-4T-15G/1 600-4T-30G/3 600-4T-55G/7 D600-4T-1100 SD600-4T-185 SD600-4T-250 SD600-4T-250 SD600-4T-500 SD6000 SD600 SD6000 SD600 SD6000 S	G/7.5P, SD60 8.5P, SD60 37P, SD600- 75P, SD600- 56/200P, SD 56/200P, SD 56/280P, SD 56/280P, SD 56/280P, SD 56/250P, SD 600-2S-4.00 500-2S-15G, 00-2S-37G, 500-2T-15G,	00-4T-7.5G/11 0-4T-18.5G/2 4T-37G/45P, 4T-75G/90P, 600-4T-132G/ 0600-4T-280G 0600-4T-280G 0600-4T-280G 0600-2S-0.7G 3, SD600-2S-1 SD600-2S-1 SD600-2T-0. 5, SD600-2T-5	1P, 2P, 160P, 6/220P, 6/315P, 6/450P, 5, 5.5G, 8.5G, 7G, 5.5G,
Trade mark:	SINOVO	Come of	aro de	Colla.	50
Prepared By :	Shenzhen CCT Testing	Technology C	o., Ltd.	ම ැති	No.
5000 5	3F, Huafeng Business E District, Shenzhen, Chir		n Industrial Z	lone, Bao'an	
Test Date:	April 25,2021-May 10,2	021	Š	×	Sol
Date of Report :	May 10,2021	Ser.	20	0	20

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Report No.: CCT2021051001ER Page 2 of 61 Rev: 00

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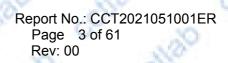


TABLE OF CONTENTS

.00

TE	ST REPORT DECLARATION			6
1.	TEST RESULTS SUMMARY			8
2.	GENERAL INFORMATION			
	2.1. Report information			ģ
	2.2. Measurement Uncertainty	1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 - 1925 -		9
2	PRODUCT DESCRIPTION	V AY	302 1	ń
Э.	3.1. EUT Description	•••••••••••••••••••••••••••••••••••••••		J
Υ.				0
	3.2. Block Diagram of EUT Configuration3.3. Operating Condition of EUT			J
	3.4. Test Conditions	<u>N</u>		J 0
	3.5. Modifications	CP XV	1	J 1
	3.6. Abbreviations			1 1
	3.7. Performance Criterion			1
4.	TEST EQUIPMENT USED		.91. 07.1	י ר
4.	4.1. For Conducted Emission Test			2
	4.1. For Conducted Emission Test	28		2
	4.2. For Magnetic Test (In Shielding Room)			2
0	4.3. For Radiated Emission Measurement			
	4.4. For Harmonic / Flicker Test			
	4.5. For Electrostatic Discharge Immunity Test4.6. For RF Strength Susceptibility Test			3 2
	4.7. For Electrical Fast Transient/Burst Immunity	/ Toet		2 2
	4.7. For Electrical Past mansient/Burst minimunity 4.8. For Surge Test	y rest		2
20	4.9. For Injected Currents Susceptibility Test	9 (Chi		ן 2
U.	4.10. For Magnetic Field Immunity Test		12	2 4
	4.11. For Voltage Dips and Interruptions Test			
5.				
5.	5.1. Block Diagram of Test Setup	3	••••••••••••••••••••••••••••••••••••••	5
	5.1. Block Diagram of Test Setup 5.2. Test Standard			
0	5.2. Power Line Conducted Emission Limit			
÷.	5.4. EUT Configuration on Test		9	5 5
	5.5. Operating Condition of EUT			5 6
	5.6. Test Procedure	<u> </u>	1	5
	5.7. Test Result			
G				
0.	MAGNETIC TEST		······································	7
	6.1. Block Diagram of Test Setup			
	6.2. Test Standard6.3. Magnetic Field Emission Limits			/
	6.3. Magnetic Field Emission Limits		I	/
	6.4. EUT Configuration on Test			
S	6.5. Operating Condition of EUT6.6. Test Procedure		10	/ Q
e	6.7. Test Results			3 Q
-	RADIATED EMISSION TEST	29		э 0
1.			P	1
	7.1. Open Site Setup Diagram	No.		9

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	72	Test Standard	NO	- C - C - C - C - C - C - C - C - C - C		10
S		Radiated Emission Limit				
	7.4.	EUT Configuration on Test				19
	7.5.	Operating Condition of EUT				20
	7.6.	Test Procedure				20
		Test Results				
8.	HAF	RMONIC CURRENT EMISSION TEST.				21
	81	Block Diagram of Test Setup	0	N	Y 50	21
	8.2	Test Standard	102		U.	21
	83	Operating Condition of EUT				21 21
		Test Procedure				
		Test Results				
0						and the second se
9.		TAGE FLUCTUATIONS & FLICKER				
	9.1.	Block Diagram of Test Setup			<u> </u>	23
	9.2.	Test Standard				23
	9.3.	Operating Condition of EUT				23
	9.4.	Test Data		201		
		Test Results				
10		CTROSTATIC DISCHARGE TEST				
10						
	10.1	Block Diagram of ESD Test Setup				
		. Test Standard				
1	10.3	. Severity Levels and Performance Criterio	n			24
54.1		. EUT Configuration on Test				
	10.5	. Operating Condition of EUT				25
	10.6	. Test Procedure				25
	10.7	. Test Results				25
11	.RF	FIELD STRENGTH SUSCEPTIBILITY	TEST		1.4357	27
		. R/S Test Setup				
S.		. Test Standard				
		. Severity Levels and Performance Criterio				
	11.4	. EUT Configuration on Test				
2		. Test Procedure				
9		. Test Results				
12		CTRICAL FAST TRANSIENT/BURST				
	12.1	. EFT Test Setup . Test Standard			3.9	30
	12.2	. Test Standard		- 30		
	12.3	. Severity Levels and Performance Criterio	n	20		30
		. EUT Configuration on Test				
	12.5	. Operating Condition of EUT		100		31
		. Test Procedure				
		. Test Results				
40	0115					
13	.506	RGE TEST	••••••			
~	13.1	. Surge Test Setup)	×	33
9	13.2	. Test Standard				33
	13.3	. Severity Levels and Performance Criterio	n			
	13.4	EUT Configuration on Test				33
		. Operating Condition of EUT				
		. Test Procedure				
	-					

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* L 30			
13.7. Test Results			
14.INJECTED CURRENTS SUSCEPTIBILITY TES	Т		
14.1. Block Diagram of Test AC Mains Setup	A	542 L	
14.2 Test Standard			36
14.3. Severity Levels and Performance Criterion			
14.4. EUT Configuration on Test			
14.5. Operating Condition of EUT	<u></u>	<u> </u>	
14.6. Test Procedure		<u></u>	
14.7. Test Results			
15. MAGNETIC FIELD IMMUNITY TEST			
15.1. Block Diagram of Test Setup			
15.2. Test Standard		10-0	39
15.3. Severity Levels and Performance Criterion		ŪF.	
15.4 FUT Configuration on Test	10 M		39
15.5. Operating Condition of EUT	<u> </u>		
15.6. Test Procedure			40
15.7. Test Results	-0-1		
16. VOLTAGE DIPS AND INTERRUPTIONS TEST.	<u> </u>	<u>1465</u>	
16.1. Voltage Dips and Interruptions Test Setup	201		42
16.2. Test Standard	() ()	027	42
16.3. Severity Levels and Performance Criterion	3.07		42
16.4. EUT Configuration on Test			42
16.5. Operating Condition of EUT		- 97	
16.6. Test Procedure		9 0 0	
16.7. Test Result	- X9 - XX		
APPENDIX I	Se sor		
			18
APPENDIX III			
APPENDIX IV			

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TEST REPORT DECLARATION

Applicant		SHENZHEN SINOVO ELECTRIC TECHNOLOGIES CO., LTD.
Address	:	5th Floor, No. D Building, Huafeng International Robot Industry Park,
10		Xixiang Street, Hangcheng Road, Baoan District, Shenzhen City, China
EUT Description	1	Inverter
Model Number	0	SD600-4T-1.5G/2.2P, SD600-4T-0.7G/1.5P, SD600-4T-2.2G/4.0P,
		SD600-4T-4.0G/5.5P, SD600-4T-5.5G/7.5P, SD600-4T-7.5G/11P,
U.		SD600-4T-11G/15P, SD600-4T-15G/18.5P, SD600-4T-18.5G/22P,
		SD600-4T-22G/30P, SD600-4T-30G/37P, SD600-4T-37G/45P,
0.0	10	SD600-4T-45G/55P, SD600-4T-55G/75P, SD600-4T-75G/90P,
Nº C	1	SD600-4T-90G/110P, SD600-4T-110G/132P, SD600-4T-132G/160P,
0		SD600-4T-160G/185P, SD600-4T-185G/200P, SD600-4T-200G/220P,
1.00		SD600-4T-220G/250P, SD600-4T-250G/280P, SD600-4T-280G/315P,
100		SD600-4T-315G/350P, SD600-4T-350G/400P, SD600-4T-400G/450P,
AN		SD600-4T-450G/500P, SD600-4T-500G/550P, SD600-2S-0.7G,
G v		SD600-2S-1.5G, SD600-2S-2.2G, SD600-2S-4.0G, SD600-2S-5.5G,
50		SD600-2S-7.5G, SD600-2S-11G, SD600-2S-15G, SD600-2S-18.5G,
- C *		SD600-2S-22G, SD600-2S-30G, SD600-2S-37G, SD600-2T-0.7G,
G		SD600-2T-1.5G, SD600-2T-2.2G, SD600-2T-4.0G, SD600-2T-5.5G,
and the second s	1	SD600-2T-7.5G, SD600-2T-11G, SD600-2T-15G, SD600-2T-18.5G,
5		SD600-2T-22G, SD600-2T-30G, SD600-2T-37G,

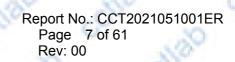
Test Standards:

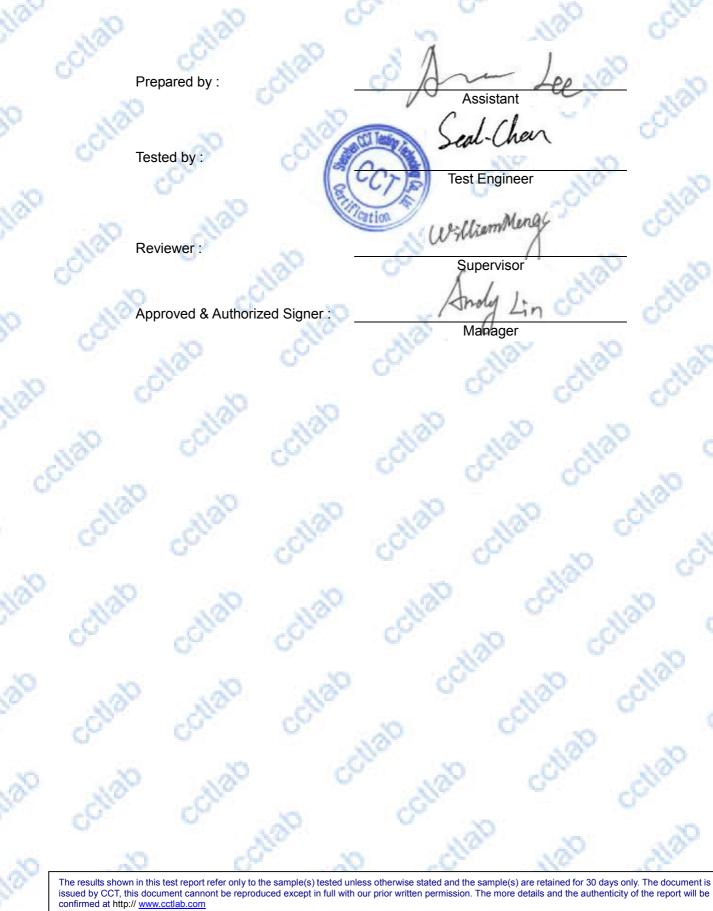
EN IEC 61800-3:2018 EN IEC 61000-3-2:2019 EN 61000-3-3:2013/A1:2019

The EUT described above is tested by Shenzhen CCT Testing Technology Co., Ltd. EMC Laboratory to determine the maximum emissions from the EUT and ensure the EUT to be compliance with the immunity requirements of the EUT. Shenzhen CCT Testing Technology Co., Ltd. EMC Laboratory is assumed full responsibility for the accuracy of the test results. Also, this report shows that the EUT technically complies with the 2014/30/EU directive and its amendment requirements.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

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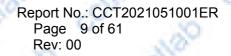
1. TEST RESULTS SUMMARY

Table 1 Test Results Summary 63

20	Test Items	Test Re	esults
Power Line Cond	ducted Emission Test	PAS	SS Of
Magnetic Test	¢ 0	PAS	SS XO
Radiated Emissi	on so	PAS	SS
Harmonic Currer	nt Emission Test	PAS	ss de
Voltage Fluctuat	ions & Flicker Test	PAS	SS XO
Electrostatic Dise	charge Test	PAS	SS SS
RF Field Strengt	h Susceptibility Test	PAS	ss C
Electrical Fast T	ransient/Burst Test	PAS	ss so
Surge Test		PAS	SS
Injected Currents	s Susceptibility Test	PAS	SS
Magnetic Field In	mmunity Test	PAS	SS SS
Voltage Dips And	d Interruptions Test	PAS	SS
			20

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Tel: 86-0755-27888557 E-mail: Lisa@cctlab.com Fax: 86-0755-27888557



2. GENERAL INFORMATION

2.1. Report information

- 2.1.1.This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that CCT approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that CCT in any way guarantees the later performance of the product/equipment.
- 2.1.2.The sample/s mentioned in this report is/are supplied by Applicant, CCT therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.
- 2.1.3.Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through CCT, unless the applicant has authorized CCT in writing to do so.
- 2.2. Measurement Uncertainty Available upon request.

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3. PRODUCT DESCRIPTION

3.1. EUT Description

Description		Inverter	- M.S.	200	60	NOV
Applicant	8.	5th Floor, No.	D Building, H	CTRIC TECHNO luafeng Internat Road, Baoan Dis	ional Robot Ind	dustry Park,
Manufacturer		5th Floor, No. Xixiang Street	D Building, H Hangcheng F	CTRIC TECHNO luafeng Internat Road, Baoan Dis	ional Robot Ind trict, Shenzher	dustry Park, City, China
otlan	3	SD600-4T-4.0 SD600-4T-110	G/5.5P, SD60 G/15P, SD600	0-4T-0.7G/1.5P, 0-4T-5.5G/7.5P, -4T-15G/18.5P,	SD600-4T-7.5 SD600-4T-18.5	G/11P, G/22P,
collab	2	SD600-4T-450 SD600-4T-900 SD600-4T-160	G/55P, SD600 G/110P, SD60)G/185P, SD6	-4T-30G/37P, SI -4T-55G/75P, SI 0-4T-110G/132F 00-4T-185G/200 00-4T-250G/280	D600-4T-75G/9 P, SD600-4T-13)P, SD600-4T-2	00P, 2G/160P, 200G/220P,
Model Number		SD600-4T-315 SD600-4T-450	5G/350P, SD6)G/500P, SD6	00-4T-250G/280 00-4T-350G/400 00-4T-500G/550 -2.2G, SD600-25	0P, SD600-4T-4 0P, SD600-2S-(100G/450P, 0.7G,
Uab N	60	SD600-2S-220 SD600-2T-1.5	G, SD600-2S- G, SD600-2T-	-11G, SD600-2S 30G, SD600-2S 2.2G, SD600-2T 11G, SD600-2T-	-37G, SD600-2 -4.0G, SD600-	T-0.7G, 2T-5.5G,
Jan	3			30G, SD600-2T-		10.00,

3.2. Block Diagram of EUT Configuration



Test mode 1: ON

3.4. Test Conditions

Temperature: 23-26°C Relative Humidity: 55-68 %

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EUT

Report No.: CCT2021051001ER Page 11 of 61 Rev: 00

3.5. Modifications

No modification was made.

3.6. Abbreviations

AC AMN DC EM EMC EUT IF RF rms EMI EMS Alternating Current Artificial Mains Network Direct Current ElectroMagnetic ElectroMagnetic Compatibility Equipment Under Test Intermediate Frequency Radio Frequency root mean square Electromagnetic Interference Electromagnetic Susceptibility

3.7. Performance Criterion

Criterion A: The equipment shall continue to operate as intended without operator intervention. No degradation of performance of loss of function is allowed below a performance level specified by the manufacturer when the equipment is used as intended.

Criterion B: After the test, the equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed, after the application of the phenomena below a performance level specified by the manufacturer, when the equipment is used as intended.

Criterion C: Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions.

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4. TEST EQUIPMENT USED

4.1. For Conducted Emission Test

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Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS30	828985/018	Jun. 01, 21	1 Year
2.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	Jun. 01, 21	1 Year
3.	L.I.S.N.	Rohde & Schwarz	ESH2-Z5	834549/005	Jun. 01, 21	1 Year
4.	Conical	Emtek	N/A	N/A	N/A	N/A
5.	Voltage Probe	Schwarzbeck	TK9416	N/A	Jun. <mark>01</mark> . 21	1 Year
6.	Coaxial Switch	Anritsu	MP59B	6100214550	Jun. 01, 21	1 Year

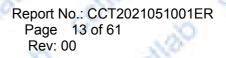
4.2. For Magnetic Test (In Shielding Room)

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	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
	1.	Test Receiver	Rohde & Schwarz	ESHS20	836600/006	Jun. 04, 21	1 Year
3	2.	Triple-loop Antenna	Rohde & Schwarz	HM020	843885/002	Jun. 05, 21	1 Year
2	3.	RF Cable	MIYAZAKI	5D-2W	Tri-loop Cable	Oct. 28, 21	1/2 Year
1	4.	Coaxial Switch	Anritsu	MP59B	M73989	Jun. 04, 21	1/2 Year

4.3. For Radiated Emission Measurement

				and the second s		
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	ANRITSU	MS2661C	6200140915	Jun 01, 21	1 Year
2.0	Test Receiver	Rohde&Schw arz	ESC830	828982/018	Jun 01, 21	1 Year
3.	Bilog Antenna	Schwarzbeck	VULB9163	142	Jun 01,21	1 Year
4.	50 Coaxial Switch	Anritsu Corp	MP59B	6100237248	Jun 01,21	1 Year
5.	Cable	Schwarzbeck	AK9513	ACRX1	Jun 01,21	1 Year
6.	Cable	Rosenberger	N/A	FR2RX2	Jun 01,21	1 Year
7.	Cable	Schwarzbeck	AK9513	CRRX2	Jun 01,21	1 Year
8.	Cable	Schwarzbeck	AK9513	CRRX2	Jun 01,21	1 Year
9.	Signal Generator	HP	864A	3625U0057 3	Jun 01,21	1 Year

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4.4. For Harmonic / Flicker Test

Item	<u>p</u>	Equipment	2	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Power system	Frequency	test	HAEFELY	PHF555	080419-03	Jun. 01, 21	1 Year

4.5. For Electrostatic Discharge Immunity Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	ESD Tester	HAEFELY	PSD 1600	H911'292	Jun. 02, 21	1 Year

4.6. For RF Strength Susceptibility Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Signal Generator	HP	8648A	3633A02081	Jun. 03, 21	1 Year
2.	Amplifier	A&R	500A100	17034	NCR	NCR
3.	Amplifier	A&R	100W/1000M1	17028	NCR	NCR
4.	Isotropic Field Monitor	A&R	FM2000	16829	NCR	NCR
5.	Isotropic Field Probe	A&R	FLW220100	16755	Jun. 03, 21	1 Year
6.	Biconic Antenna	EMCO	3108	9507-2534	NCR	NCR
7.	Log-periodic Antenna	A&R	AT1080	16812 🔬	NCR	NCR
8.	PC GY	N/A	486DX2	N/A	N/A	N/A

4.7. For Electrical Fast Transient/Burst Immunity Test

Item Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1. Burst Tester	HAEFELY	PEFT 4010	080981-16	Jun. 01, 21	1 Year

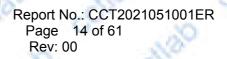
4.8. For Surge Test

Item 📀	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1. Su	rge Tester	HAEFELY	PSURGE4.1	080107-04	Jun. 01, 21	1 Year

4.9. For Injected Currents Susceptibility Test

	And a second				and the second se	
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1-0	Simulator	EMTEST	CWS 500C	0900-12	Jun. 01, 21	1 Year
2.	CDN	EMTEST	CDN-M2	510010010010	Jun. 01, 21	1 Year
3.	VDN	EMTEST	CDN-M3	0900-11	Jun. 01, 21	1 Year
4.	Injection Clamp	EMTEST	F-2031-23MM	368	Jun. 01, 21	1 Year
5.	Attenuator	EMTEST	ATT6	0010222a	Jun. 01, 21	1 Year
				and the second se		

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4.10.For Magnetic	Field	Immunity Test
-------------------	-------	---------------

Iten	n Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Magnetic Field Tester	HEAFELY	MAG100.1	083858-10	Jun. 01, 21	1 Year

4.11.For Voltage Dips and Interruptions Test

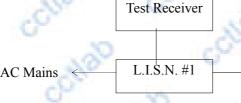
Item Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
2. Dips Tester	HEAFELY	PLINE 1610	083732-18	Jun. 01, 21	1 Year

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5. POWER LINE CONDUCTED EMISSION TEST

5.1.Block Diagram of Test Setup



5.2. Test Standard

EN IEC 61800-3:2018

5.3. Power Line Conducted Emission Limit

Frequency	Limits	dB(μV)
MHz	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

1. At the transition frequency the lower limit applies.

2. * decreasing linearly with logarithm of the frequency.

5.4. EUT Configuration on Test

The following equipments are installed on conducted emission test to meet EN61800-3

EUT

requirement and operating in a manner, which tends to maximize its emission characteristics in a normal application.

5.4.1.EUT Information

Model Number

SD600-4T-1.5G/2.2P,

Serial Number SD600-4T-0.7G/1.5P, SD600-4T-2.2G/4.0P, SD600-4T-4.0G/5.5P,SD600-4T-5.5G/7.5P,SD600-4T-7.5G/11P, SD600-4T-11G/15P,SD600-4T-15G/18.5P,SD600-4T-18.5G/22P, SD600-4T-22G/30P,SD600-4T-30G/37P,SD600-4T-37G/45P,

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Report No.: CCT2021051001ER Page 16 of 61 Rev: 00

SD600-4T-45G/55P,SD600-4T-55G/75P,SD600-4T-75G/90P, SD600-4T-90G/110P,SD600-4T-110G/132P,SD600-4T-132G/160P, SD600-4T-160G/185P,SD600-4T-185G/200P,SD600-4T-200G/220P, SD600-4T-220G/250P,SD600-4T-250G/280P,SD600-4T-280G/315P, SD600-4T-315G/350P,SD600-4T-350G/400P,SD600-4T-400G/450P, SD600-4T-450G/500P,SD600-4T-500G/550P, SD600-2S-0.7G, SD600-2S-1.5G, SD600-2S-2.2G, SD600-2S-4.0G, SD600-2S-5.5G, SD600-2S-7.5G, SD600-2S-11G, SD600-2S-15G, SD600-2S-18.5G, SD600-2S-2.2G, SD600-2S-30G, SD600-2S-37G, SD600-2T-0.7G, SD600-2T-1.5G, SD600-2T-2.2G, SD600-2T-4.0G, SD600-2T-5.5G, SD600-2T-7.5G, SD600-2T-11G, SD600-2T-15G, SD600-2T-18.5G, SD600-2T-22G, SD600-2T-30G, SD600-2T-37G,

Manufacturer

SHENZHEN SINOVO ELECTRIC TECHNOLOGIES CO., LTD.

5.5. Operating Condition of EUT

- 5.5.1.Setup the EUT and simulators as shown in Section 3.2.
- 5.5.2.Turn on the power of all equipments.
- 5.5.3.Let the EUT work in test modes (EUT WORKING) and test it.

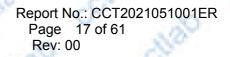
5.6. Test Procedure

The EUT is put on the table which is 0.8 meter high above the ground and connected to the AC mains through a Line Impedance Stabilization Network (L.I.S.N.). This provided a 50ohm coupling impedance for the tested equipments. Both sides of AC line are checked to find out the maximum conducted emission according to the EN61800-3 regulations during conducted emission test. And the voltage probe had been used for the load terminals test according to the EN61800-3 standard. The bandwidth of the test receiver (R&S ESHS20) is set at 10KHz. in 150KHz~30MHz and 200Hz bandwidth in 9KHz~150KHz. The frequency range from 9KHz to 30MHz is checked.

All the test results are listed in Section 5.7. The scanning waveform is put in Appendix I.

- 5.7. Test Result
 - PASS.

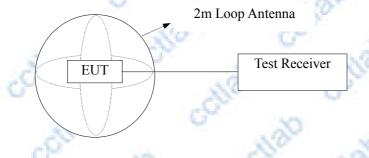
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6. MAGNETIC TEST

6.1. Block Diagram of Test Setup



(EUT: Inverter)

- 6.2. Test Standard
 - EN IEC 61800-3:2018
- 6.3. Magnetic Field Emission Limits

Frequency band MHz	Magnetic field strength component expressed in electric field units – quasi peak dB(µV/m)
0,15 ≤ ƒ ≤ 0,49	75
0,49 < <i>f</i> ≤ 3,95	65
3,95 < <i>f</i> ≤ 20	50
20 < <i>f</i> ≤ 30	40

6.4. EUT Configuration on Test

The configuration of the EUT is same as Section 3.2..

- 6.5. Operating Condition of EUT
 - 6.5.1.Setup the EUT as shown in Section 6.1.
 - 6.5.2. Turn on the power of all equipments.
 - 6.5.3.Let the EUT work in test mode (ON) and test it.

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Report No.: CCT2021051001ER Page 18 of 61 Rev: 00

6.6. Test Procedure

The EUT is placed on a wood table in the center of a loop antenna. The induced current in the loop antenna is measured by means of a current probe and the test receiver. Three field components is checked by means of a coax switch.

The frequency range from 9KHz to 30MHz is investigated. The receiver is measured with the quasi-peak detector. For frequency band 150KHz to 30MHz, the bandwidth is set at 10KHz.

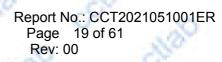
All the test results are listed in Section 6.7. and all the scanning waveform is put in **Appendix II**.

6.7. Test Results

PASS.

The frequency range from 150KHz to 30MHz is investigated.

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7. RADIATED EMISSION TEST

7.1. Open Site Setup Diagram

ANTENNA TOWER

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS

EUT

TURN TABLE

0.8 METER

GROUND PLANE

7.2. Test Standard

EN IEC 61800-3:2018

7.3. Radiated Emission Limit

All emanations from computing devices or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

3 METERS

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMITS		
(MHz)	(Meters)	(dBµV/m)		
30 ~ 230	3	40		
230 ~ 1000	3 0	47		

Note:(1) The tighter limit shall apply at the edge between two frequency bands.

(2) Distance refers to the distance in meters between the measuring instruments antenna and the closed point of any part of the EUT.

7.4. EUT Configuration on Test

The EN61800-3 regulations test method must be used to find the maximum emission during radiated emission test.

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Report No.: CCT2021051001ER Page 20 of 61 Rev: 00

- 7.5. Operating Condition of EUT
 - 7.5.1.Setup the EUT as shown on Section 5.1.
 - 7.5.2. Turn on the power of all equipments.
 - 7.5.3.Let the EUT work in test mode and measure it.

7.6. Test Procedure

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can move up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna (calibrated by dipole antenna) are used as a receiving antenna. Both horizontal and vertical polarization of the antenna are set on test.

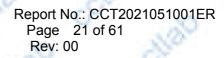
The bandwidth setting on the test receiver (R&S TEST RECEIVER ESCS20) is 120 KHz.

The EUT is tested in Anechoic Chamber. and all the scanning waveform is put in **Appendix III.**

7.7. Test Results

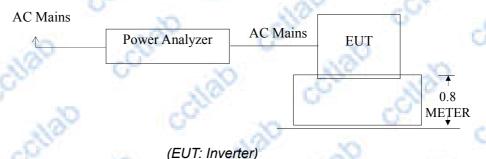
PASS.

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8. HARMONIC CURRENT EMISSION TEST

8.1. Block Diagram of Test Setup



- 8.2. Test Standard EN IEC 61000-3-2:2019
 - Class C
- 8.3. Operating Condition of EUT
 - 8.3.1.Setup the EUT as shown in Section 5.1.
 - 8.3.2. Turn on the power of all equipments.
 - 8.3.3.Let the EUT work in test mode (ON) and test it.

8.4. Test Procedure

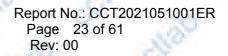
The power cord of the EUT is connected to the output of the test system. Turn on the Power of the EUT and use the test system to test the harmonic current level.

8.5. Test Results PASS.

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	Averag	e harmonic cu	rrent results		
	Hn	leff [A]	leff [%]	Limit [%]	Result
	2	643.854E-6	0.308	2.00	PASS
	3	34.646E-3	16.574	28.78	PASS
	4	585.303E-6	0.280	× 20	PASS
	5	1.618E-3	0.774	10.00	PASS
	6	627.926E-6	0.300	0	PASS
	7	13.165E-3	6.298	7.00	PASS
	8	585.277E-6	0.280	No.	PASS
	9	2.347E-3	1.123	5.00	PASS
¢	10	577.112E-6	0.276	No	PASS
2	11	8.990E-3	2.901	3.00	PASS
	12	606.176E-6	0.290		PASS
	13	770.152E-6	0.368	3.00	PASS
	14	918.463E-6	0.439	0	PASS
	15	5.977E-3	2.859	3.00	PASS
	16	568.535E-6	0.272	c S	PASS
	17	2.112E-3	1.010	3.00	PASS C
	18	632.016E-6	0.302	× 01	PASS
	19	4.910E-3	2.349	3.00	PASS
4	20	646.103E-6	0.309	250	PASS
	21	3.480E-3	1.665	4.50	PASS
	22	614.498E-6	0.294	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	PASS
	23	2.163E-3	1.035	4.50	PASS
	24	578.800E-6	0.277	No	PASS
	25	2.539E-3	1.215	4.50	PASS
	26	660.642E-6	0.316		PASS
	27	1.810E-3	0.866	4.50	PASS
	28	630.027E-6	0.301	C C	PASS
	29	1.330E-3	0.636	4.50	PASS
	30	573.405E-6	0.274	- A -	PASS
	31	829.468E-6	0.397	4.50	PASS
	32	618.478E-6	0.296	GY	PASS
	33	955.132E-6	0.457	4.50	PASS
	34	636.128E-6	0.304	C C	PASS
	35	1.500E-3	0.717	4.50	PASS
	36	576.647E-6	0.276		PASS
	37	958.335E-6	0.458	4.50	PASS
	38	588.266E-6	0.281	4 50	PASS
	39	1.361E-3	0.651	4.50	PASS
	40	647.027E-6	0.310	Sal	PASS
			a. 1970		1200 120

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9. VOLTAGE FLUCTUATIONS & FLICKER TEST

9.1. Block Diagram of Test Setup

Same as Section 7.1..

9.2. Test Standard

EN 61000-3-3:2013/A1:2019

9.3. Operating Condition of EUT

Same as Section 7.3.. The power cord of the EUT is connected to the output of the test system. Turn on the power of the EUT and use the test system to test the harmonic current level.

10 S	0	Limit	5		
Sec.	Test items	s No		Limits	10
	🔬 Pst	-0-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1.0	1
1	dc	-	0	3.3%	No
0	dmax			4.0%	50.5
100 M	dt			Not exceed 3.3% f	or
	ANO -	200		500ms	

9.4. Test Data

50	Flicker test Data								
allar	Model No.: SD600-4T-1.5G/2.2P X Test Mode: 1								
Items	Reading	Limit							
dmax	0.01	4.0%							
dc	0.03	3.3%							
dt	0.05	Not exceed 3.3% for 500ms							
Pst	0.001	1.0							

9.5. Test Results

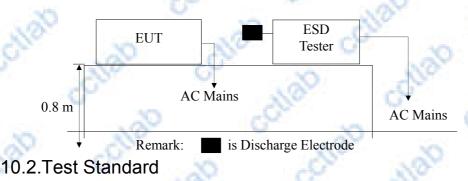
PASS.

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10.ELECTROSTATIC DISCHARGE TEST

10.1.Block Diagram of ESD Test Setup



EN IEC 61800-3:2018 (IEC 61000-4-2:2008) Severity Level 3 for Air Discharge at 8KV Severity Level 2 for Contact Discharge at 4KV

10.3. Severity Levels and Performance Criterion

10.3.1.Severity level

	and the second second	10 C			the second s	
Level	10	Test Voltage			Test Voltage	
	Co	ntact Discharge (K	(V)		Air Discharge (I	KV)
1.		2	U		2	Q2
2.	20	4		2	4	
3.	See.	6	1	No.	8	
4.		8	G		15	20
Χ.	-	Special		2	Special	See

10.3.2.Performance criterion: B

10.4.EUT Configuration on Test

The configuration of EUT are listed in Section 3.2.

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Report No.: CCT2021051001ER Page 25 of 61 Rev: 00

10.5.Operating Condition of EUT

- 10.5.1.Setup the EUT as shown in Section 9.1.
- 10.5.2.Turn on the power of all equipments.
- 10.5.3.Let the EUT work in test mode (full load) and test it.

10.6.Test Procedure

10.6.1.Air Discharge:

This test is done on a non-conductive surfaces. The round discharge tip of the discharge electrode shall be approached as fast as possible to touch the EUT. After each discharge, the discharge electrode shall be removed from the EUT. The generator is then re-triggered for a new single discharge and repeated 10 times for each pre-selected test point. This procedure shall be repeated until all the air discharge completed.

10.6.2.Contact Discharge:

All the procedure shall be same as Section 9.6.1. except that the tip of the discharge electrode shall touch the EUT before the discharge switch is operated.

10.6.3. Indirect discharge for horizontal coupling plane

At least 20 single discharges shall be applied to the horizontal coupling plane, at points on each side of the EUT. The discharge electrode positions vertically at a distance of 0.1m from the EUT and with the discharge electrode touching the coupling plane.

10.6.4.Indirect discharge for vertical coupling plane

At least 20 single discharge shall be applied to the center of one vertical edge of the coupling plane. The coupling plane, of dimensions 0.5m X 0.5m, is placed parallel to, and positioned at a distance of 0.1m from the EUT. Discharges shall be applied to the coupling plane, with this plane in sufficient different positions that the four faces of the EUT are completely illuminated.

10.7.Test Results

PASS.

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Electrostatic Discharge Test Results Shenzhen CCT Technology Co., Ltd.

Date :05/06/2021

	Applicant :	SHENZHEN SINOVO ELEC TECHNOLOGIES CO.,LTD	L. North Control of Co	Test Date		05/06/2021	ć
	EUT :	Inverter	all of the	Temperature	1	22 ℃	
2	M/N :	SD600-4T-1.5G/2.2P	So. 30	Humidity	C ²	50%	2
	- ollar	Con So	de las	Test Mode	-	Full load	1
	Air Discharge: ±	8KV For each po	pint positive 10 times a	and negative 10) times d	lischarge.	
	Contact Dischar	ge: ±4KV	8° 30	100		0	1
	4	Location	-Car	K	ind 🚺	Result	

	Locati	on C	CCC.	Kind A-Air Discharge C-Contact Discharge	Result
Slots	10º	200	20	A	PASS
Screw	Co.	CC ST	- Che	all c all	PASS
Metal Parts			· · ·	c	PASS
HCP	Row	No.	No.	C S	PASS
VCP of Front	C ^O	Gar	S	c x0	PASS
VCP of Rear	NO.	0		С	PASS
VCP of Left	Ser.	- Aller	- Chille	c N	PASS
VCP of Right	G	5		c C	PASS

Discharge should be considered on Contact and Air and Horizontal Coupling Plane (HCP) and Vertical Coupling Plane (VCP).

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11.RF FIELD STRENGTH SUSCEPTIBILITY TEST

11.1.R/S Test Setup



EUT and Simulators System

Anechoic Chamber

0.8 Meter

Measurement Room **Power Amp**

Signal Generator

11.2.Test Standard

EN IEC 61800-3:2018 (IEC 61000-4-3:2010) Severity Level 2 at 3V / m

11.3. Severity Levels and Performance Criterion



11.3.2.Performance criterion : A

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Report No.: CCT2021051001ER Page 28 of 61 Rev: 00

11.4.EUT Configuration on Test

The configuration of EUT are listed in Section 3.2.

11.5.Operating Condition of EUT

Setup the EUT as shown in Section 10.1.. The operating condition of EUT are listed in section 3.3.

11.6.Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above the ground. The EUT is set 3 meters away from the transmitting antenna which is mounted on an antenna tower. Both horizontal and vertical polarization of the antenna are set on test. Each of the four sides of EUT must be faced this transmitting antenna and measured individually.

In order to judge the EUT performance, a CCD camera is used to monitor the EUT. All the scanning conditions are as follows :

Condition of Test

Remarks

- 1. Fielded Strength
- 2. Radiated Signal
- 3. Scanning Frequency
- 4. Sweeping time of radiated
- 5. Dwell Time

3 V/m (Severity Level 2) Modulated 80 - 1000 MHz, 1.4GHZ-2.7GHZ 0.0015 decade/s 1 Sec.

11.7.Test Results

PASS.

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Report No.: CCT2021051001ER Page 29 of 61 Rev: 00

RF Field Strength Susceptibility Test Results Shenzhen CCT Technology Co., Ltd.

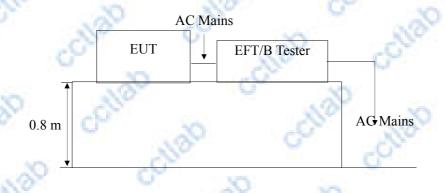
	0			NO1	Date :05	/06/2021
Applicant	SHENZHEN S	INOVO ELECTRI	c	Test Date	: 05/06/	2021
9	TECHNOLOGI	ES CO.,LTD.	So.	- Clion	200	
EUT	Inverter	0	CO.	Temperature	22 °C	de la
M/N	SD600-4T-1.	5G/2.2P	2	Humidity	: 50%	0
So.	0	- Clar	0	Test Mode	: Full lo	ad
Frequency F	Range: 80 M	1Hz to 1000 MHz,	1.4GHZ-2.7GH	ΗZ	G	0
Modulation:	AN 🗹 AN	1 Delse	□none ´	1 KHz 80%	0	13
Criterion : A	-CNO		<u>O</u>	-CS	-010	N
2	Fre	equency Rang :		80,1000	0	0
	25	20		80-1000	5	
Ste	os Gra	CGY .	1%	20	1%	
G ^N		H	orizontal	04	Vertica	100
Fro	CM	1	Pass	× 100	Pass	
Rig		1	Pass	2 . A	Pass	
Rea		G	Pass	C.	Pass	12
Let	ft 📃	0	Pass	5	Pass	C.
ocuat	Colle	o collar	CCN	80 d	Sur collar	20
octio	o collo	o cello	130	COL CON	80 dd 180 dd	No.
	5	şo 🤅	CON .	and a	and and	120
CC	CC11	130	CC CC	20	~	20

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12.ELECTRICAL FAST TRANSIENT/BURST TEST

12.1.EFT Test Setup



12.2.Test Standard

EN IEC 61800-3:2018 (IEC 61000-4-4:2012) Severity Level 2 at 1KV

12.3. Severity Levels and Performance Criterion

12.3.1.Severity level

and the second s		the second se					
Open Circuit Output Test Voltage ±10%							
Leve	Level C		wer Supply Lines	On I/O (Input/Output)			
				Signal data and control lines			
No.	1.	2	0.5 KV 🔊	0.25 KV			
100	2.	ANO.	1 KV	0.5 KV			
	3. 🖣	2	2 KV	1 KV			
	4.	5	4 KV	2 KV			
X		30	Special	Special			

12.3.2.Performance criterion : B

12.4.EUT Configuration on Test

The configuration of EUT are listed in Section 3.2..

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Report No.: CCT2021051001ER Page 31 of 61 Rev: 00

12.5.Operating Condition of EUT

Setup the EUT as shown in Section 11.1.. The operating condition of EUT are listed in section 3.3.

12.6.Test Procedure

The EUT is put on the table which is 0.8 meter high above the ground. This reference ground plane shall project beyond the EUT by at least 0.1m on all sides and the minimum distance between the EUT and all other conductive structure, except the ground plane beneath the EUT, shall be more than 0.5m.

12.6.1.For input and output AC power ports:

The EUT is connected to the power mains by using a coupling device which couples the EFT interference signal to AC power lines. Both polarities of the test voltage should be applied during compliance test and the duration of the test is 2 mins.

12.6.2. For signal lines and control lines ports:

It's necessary to test.

12.6.3.For DC output line ports:

It's unnecessary to test.

12.7.Test Results PASS.

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Report No.: CCT2021051001ER Page 32 of 61 Rev: 00

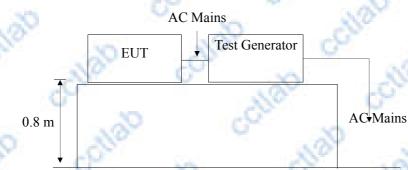
Electrical Fast Transient/Burst Test Results Shenzhen CCT Technology Co., Ltd.

		2 2 4 C		1			-	Date :05/0	5/2021
SHENZ	HEN SING	OVO ELEC	TRIC		Test Da	te :	C ²	05/06/202 ⁻	50
TECHN	OLOGIES	CO.,LTD	-	-	6	200	1	0	
Inverter			die al	32	Temper	ature :	132	22 ℃	S
SD600	-4T-1.50	6/2.2P	0	1	Humidit	y 📑	0.	50%	
C	M.	See.		3	Test Mo	de :		Full load	.10
: AC Ma	ains 👸	3	20	1.000.0	C	7	CC.	5.	Se.
oltage KV	Inject Time(s)	Inject Method	Resul	ts	Inject Line	Voltage KV	Inject Time(s)	Inject Method	Result
±1	120	Direct	PASS	S		300	N	P	So.
±1	120	Direct	PASS	5			0	0	1
±1	120	Direct	PASS	S	22	S		0	1
		0		0		9	6	1	1
	30		0		20	2		-010	
5	5	.03	9	3	¥ .	20		5	N
					5)	Sec		2
	S	N	30	-3	20	C	2	S	
6	5	CO.		9	3	S	C	6° .	6
	0		20		GON	N.	2	No	
-5	No.	de la		0		S		G	c
0	a sta		N	2	(10.0°M)		100	-	01
	Não		00		100	¢	Ş	- Chie	
	TECHN Inverter SD600 AC Ma Itage ±1 ±1 ±1	TECHNOLOGIES	TECHNOLOGIES CO.,LTD. Inverter SD600-4T-1.5G/2.2P AC Mains Mathod ±1 120 Direct ±1 120 Direct ±1 120 Direct	SD600-4T-1.5G/2.2P AC Mains <u>Itage Inject Inject Resul</u> <u>KV Time(s) Method</u> <u>1</u> 120 Direct PASS <u>1</u> 120 Direct PASS <u>1</u> 120 Direct PASS <u>1</u> 120 Direct PASS <u>1</u> 120 Direct PASS	TECHNOLOGIES CO.,LTD. Inverter SD600-4T-1.5G/2.2P AC Mains Mage Inject Results KV Time(s) Method PASS ±1 120 Direct PASS	TECHNOLOGIES CO.,LTD. Inverter Temper SD600-4T-1.5G/2.2P Humidit Test Mo Test Mo AC Mains Test Mo Mage Inject Results Inject Market Direct PASS Inject ±1 120 Inject Inject Inject ±1 120 Inject Inject Inject ±1 120 Inject Inject Inject ±20 Inject Inject Inject Inject ±4	TECHNOLOGIES CO.,LTD. Inverter Temperature : SD600-4T-1.5G/2.2P Humidity : Test Mode : Test Mode : AC Mains Inject Results Inject Voltage Mage Inject Method Results Inject Voltage 11 120 Direct PASS Inicities ±1 120 Direct PASS Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities 1 120 Direct PASS Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicities Inicies	TECHNOLOGIES CO.,LTD. nverter Temperature : SD600-4T-1.5G/2.2P Humidity : Test Mode : : AC Mains Test Mode : Itage Inject Inject Voltage Inject ±1 120 Direct PASS Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance Image: Colstance	TECHNOLOGIES CO, LTD. Temperature : 22°C SD600-4T-1.5G/2.2P Humidity : 50% Test Mode : Full load AC Mains

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13.SURGE TEST

13.1.Surge Test Setup



13.2.Test Standard

EN IEC 61800-3:2018(IEC 61000-4-5:2017) Severity Level 2 for Line to Neutral at 1.0KV

13.3.Severity Levels and Performance Criterion

13	3.3.1.Severity level	CC S	CON C	- 3
	Severity Level	Open-C	ircuit Test Volta	age
2	S S	0	KV 🛛 🚺	
Ģ	10	No	0.5	
	2	0	1.0	0
	3		2.0	S
Ń	× 4 ×		4.0	
Y	1.00	100 M	Special	

Performance criterion : B

13.4.EUT Configuration on Test The configuration of EUT are listed in Section 3.2.

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Report No.: CCT2021051001ER Page 34 of 61 Rev: 00

- 13.5.Operating Condition of EUT
 - 13.5.1.Setup the EUT as shown in Section 12.1..
 - 13.5.2.Turn on the power of all equipments.
 - 13.5.3.Let the EUT work in test mode (Full load) and test it.

13.6.Test Procedure

- 1) Set up the EUT and test generator as shown on Section 12.1
- 2) For line to line coupling mode, provide a 0.5KV 1.2/50us voltage surge (at open-circuit condition) and 8/20us current surge to EUT selected points.
- At least 5 positive and 5 negative (polarity) tests with a maximum 1/min repetition rate are conducted during test.
- 4) Different phase angles are done individually.
- 5) Record the EUT operating situation during compliance test and decide the EUT immunity criterion for above each test.
- 13.7.Test Results PASS.

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Report No.: CCT2021051001ER Page 35 of 61 Rev: 00

Surge Immunity Test Results Shenzhen CCT Technology Co., Ltd.

38

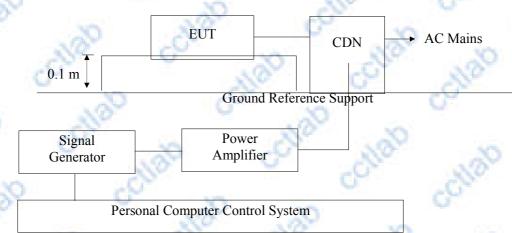
G	G	10	- CN		Date :05/06/2021
Applicant	SHENZHEN	SINO	VO ELECTRIC	Test Date :	05/06/2021
Nor	TECHNOLOGI	ES CO.,LTI	ලි දි	~ ~	do.
EUT :	Inverter	CC.	Co.	Temperature :	22 °C
M/N :	SD600-4T-1.	5G/2.2P	COlle	Humidity :	50%
180	College College	~	Nov	Test Mode :	Full load
Location	Polarity	Phase Angle	No of Pulse	Pulse Voltage (KV)	Result
L-N	+	0	5 5	1.0	PASS
	+	90	5	1.0	PASS
	to a	180	S 5	1.0	PASS
CHOR	8 ⁴	270	5	1.0	PASS
liab	100	0	5	1.0	PASS
Go	600	90	5	1.0	PASS
Ser of	Ser.	180	5	1.0	PASS
00	Sor	270	5	1.0	PASS

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Report No.: CCT2021051001ER Page 36 of 61 Rev: 00

14.INJECTED CURRENTS SUSCEPTIBILITY TEST

14.1.Block Diagram of Test AC Mains Setup



14.2.Test Standard

EN IEC 61800-3:2018 (IEC 61000-4-6:2013) Severity Level 2 at 3 V (rms), 0.15MHz ~ 80MHz

14.3.Severity Levels and Performance Criterion

14.3.1.Severity level

٢	Level	Field Strength V/m
	1.	1
å	2.	3 0
p	3.	10
	х 🔘	Special

14.3.2.Performance criterion: A

14.4.EUT Configuration on Test

The configuration of EUT are listed in Section 3.2.

14.5.Operating Condition of EUT

Setup the EUT as shown in Section 13.1.. The operating condition of EUT are listed in section 3.3.

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Report No.: CCT2021051001ER Page 37 of 61 Rev: 00

- 14.6.Test Procedure
 - 1) Set up the EUT, CDN and test generators as shown on Section 13.1.
 - 2) Let the EUT work in test mode and test it.
 - 3) The EUT are placed on an insulating support 0.8m high above a ground reference plane. CDN (coupling and decoupling device) is placed on the ground plane about 0.3m from EUT. Cables between CDN and EUT are as short as possible, and their height above the ground reference plane shall be between 30 and 50 mm (where possible).
 - 4) The disturbance signal described below is injected to EUT through CDN.
 - 5) The EUT operates within its operational mode(s) under intended climatic conditions after power on.
 - 6) The frequency range is swept from 150KHz to 80MHz using 3V signal level, and with the disturbance signal 80% amplitude modulated with a 1KHz sine wave.
 - The rate of sweep shall not exceed 1.5*10⁻³decades/s. Where the frequency is swept incrementally, the step size shall not exceed 1% of the start and thereafter 1% of the preceding frequency value.
 - 8) Recording the EUT operating situation during compliance testing and decide the EUT immunity criterion.

14.7.Test Results

PASS.

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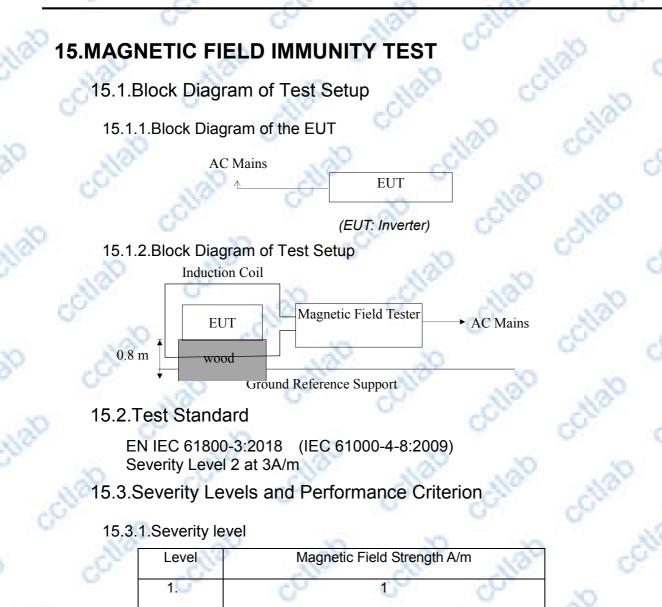
Report No.: CCT2021051001ER Page 38 of 61 Rev: 00

Injected Currents Susceptibility Test Results Shenzhen CCT Technology Co., Ltd.



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Report No.: CCT2021051001ER Page 39 of 61 Rev: 00



15.3.2.Performance criterion : A

2.

3.

4.

5.

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15.4.EUT Configuration on Test

The configuration of EUT are listed in Section 3.2.

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Special

Report No.: CCT2021051001ER Page 40 of 61 Rev: 00

15.5.Operating Condition of EUT

15.5.1.Setup the EUT as shown in Section 14.1

15.5.2. Turn on the power of all equipments.

15.5.3.Let the EUT work in test mode (ON) and test it.

15.6.Test Procedure

The EUT shall be subjected to the test magnetic field by using the induction coil of standard dimensions (1m*1m) and shown in Section 14.1. The induction coil shall then be rotated by 90° in order to expose the EUT to the test field with different orientations.

15.7.Test Results

PASS.

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Report No.: CCT2021051001ER Page 41 of 61 Rev: 00

Magnetic Field Immunity Test Results Shenzhen CCT Technology Co.,Ltd.

- Chi	0	No. Co	30	ate : 05/06
Applicant : SHENZ TECHN EUT : Inverter	THEN SINOVO ELECTION OF THE SINOVO SINO	CTRIC	Test Date : 05/06 Temperature : 22	5
M/N : SD600-4T	-1.5G/2.2P	120	Humidity : 60%	G
Test Model: Full loa	id is a	2 6	Nº .	30
Test Level	Testing Duration	Coil Orientation	Criterion	Result
3A/M	5 mins	Horizontal	A	PASS
3A/M	5 mins	Vertical	A A	PASS
Remark:	collab c	Test Equipr Magnetic F	ment : ield Tester MAG100.	lab cchi
collab	collab d	otab octab	120 00110	cliab
CC1/80	Callab Callab	stiab collab	collab	100
collor	colle sta	o colle	8 8	Co.

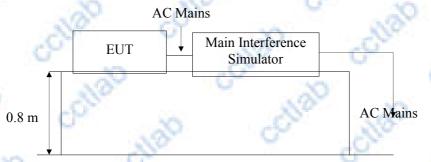
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Report No.: CCT2021051001ER Page 42 of 61 Rev: 00

16.VOLTAGE DIPS AND INTERRUPTIONS TEST

16.1.Voltage Dips and Interruptions Test Setup



Remark: Combination wave generator and decoupling network are included in test generator.

16.2.Test Standard

EN IEC 61800-3:2018 (IEC61000-4-11:2017)

16.3. Severity Levels and Performance Criterion

16.3.1.Severity level

S	Test Level %UT	Voltage dip and short interruptions %UT	Duration (in period)				
	0	100	250p				
	40	60	5p				
2	70	30	0.5p				

16.3.2.Performance criterion : C&B

16.4.EUT Configuration on Test

- The configuration of EUT are listed in Section 3.2.
- 16.5.Operating Condition of EUT
- 16.5.1.Setup the EUT as shown in Section 15.1..
- 16.5.2.Turn on the power of all equipments.

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16.5.3.Let the EUT work in test mode (SPEAKERS Playing) and test it.

16.6.Test Procedure

- 1) Set up the EUT and test generator as shown on Section 15.1.
- 2) The interruptions is introduced at selected phase angles with specified duration.
- 3) Record any degradation of performance.

16.7.Test Result

PASS.

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Report No.: CCT2021051001ER Page 44 of 61 Rev: 00

Voltage Dips And Interruptions Test Results Shenzhen CCT Technology Co., Ltd

- AV	NOLOGIES CO.,LT	D.	2	No.	
EUT : Inverter	20	No.	0	Temperature : 22	°C off
M/N : SD600-4	4T-1.5G/2.2P	C ^U	20	Humidity:64%	0
Fest Model: ON	0	6	Sec. 1	C ²	. Chi 2
Test Level % U _T	Voltage Dips & Short Interruptions % U _T	Duration (in period)	Phase Ar	ngle Criter	ion Result
70	30 😽	10P	90°	c	PASS
0	100	0.5P	180°	о в	PASS
Remark: U _T is	the rated voltage f	for the equipment	Main Inte	ipment : erference Simulat _Y PLINE1610)	or clab
collab	collab	collab	cellab	cettab	alo ochai
ocilab	colleb	collab	ochab	130	are octiab
collab	collab	ochab	ap c	ocha	on collo
octiab	ocitalo	89 90	colle	0 50 50	Series School

Jhina Tel: 86-0755-27888557 E-mail: Lisa@cctlab.com Fax: 86-0755-27888557

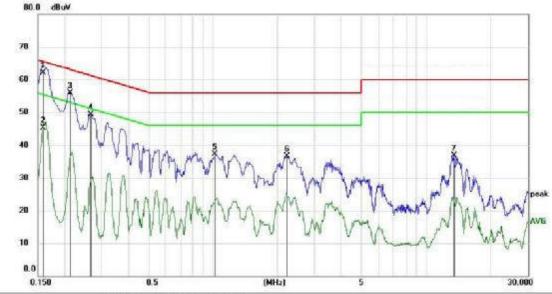


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Conducted Emission Measurement



No.	Mk.	Mk.	Mk.	Mk.	Mk.	Mk.	Mk.	Mk.	Freq	Reading Level	Correct Factor		Limit	Margir	'n	
		MHz	di8u¥	dB	dBuV	dBuY	dB	Detector	Comment							
1	應	0.1590	52.30	9.73	62.03	65.52	-3.49	QP								
2		0.1590	35.54	9.73	45.27	55.52	-10.25	AVG								
3		0.2130	46.12	9 75	55.87	63.09	-7.22	peak								
4		0.2670	39 58	9.76	49.34	61.21	-11.87	peak								
5		1.0205	27.45	9.83	37.28	56.00	-18.72	peak								
6		2.2205	26.79	9.96	36.75	56.00	-19.25	peak								
7		13.4205	26,51	10.34	36.85	60.00	-23.15	peak								

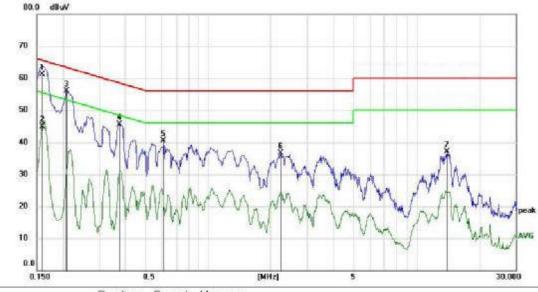
*Maximum data x:Over limit I:over margin Note: Measurement=Reading Level+Correc Factor: Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable ENEZ-EMCITest ReportISISOLLAN LIMITEDI Page: 1

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(Reference Only Engineer Signature:

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Conducted Emission Measurement



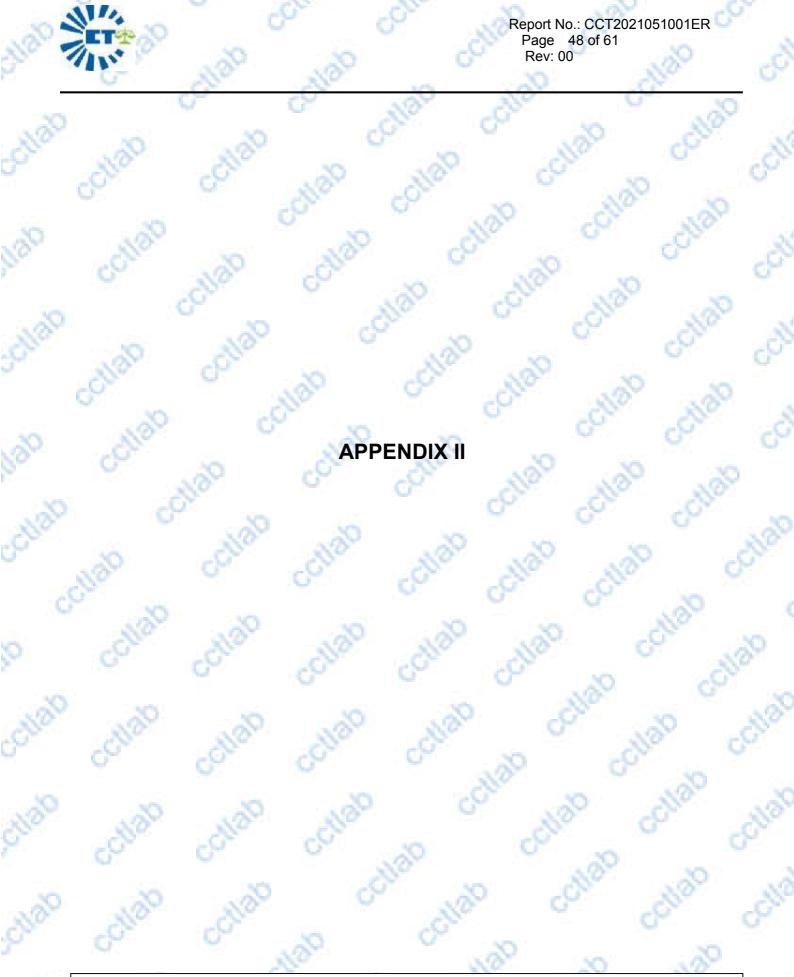
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBu∀	dB	dBu∀	d Bu'v'	dB	Detector	Comment	
1	*	0.1590	51.35	9.73	61.08	65.52	-4.44	QP		
2		0.1590	35.08	9 73	44.81	55.52	-10.71	AVG		
3		0.2085	46.15	9.74	55 89	63.26	-7.37	peak		
4		0.3750	35.82	9.77	45.59	58.39	-12.80	peak		
5		0.6134	30.62	9.79	40.41	56.00	-15.59	peak		
6		2.2205	26.80	9.96	36.76	56.00	-19.24	peak		
7	3	13.9405	26.76	10.33	37.09	60.00	-22.91	peak		
_										_

* Maximum data x Over limit I tover margin ENEZ-EMCITest ReportSISOLLAN LIMITEDI

N:

(Reference Only Note: Measurement=Reading Level+Correc Factor- Factor=[LISN or ISN or PLC or Current Probe/Factor+Cable Engineer Signature: Page: 1

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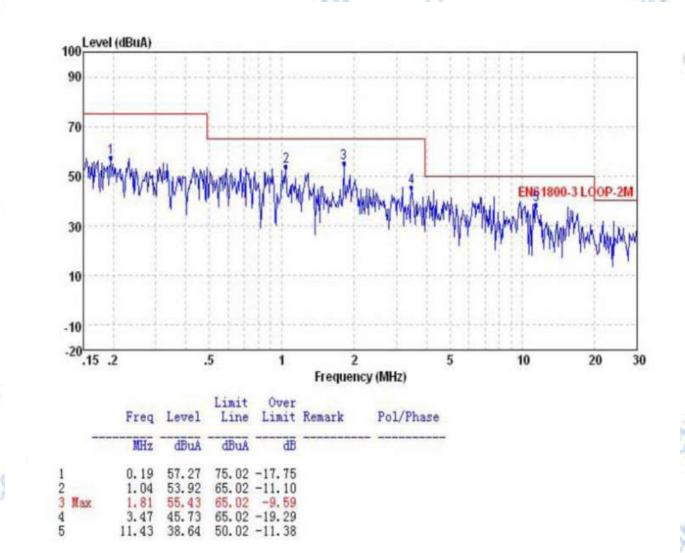


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Report No.: CCT2021051001ER Page 49 of 61 Rev: 00



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Report No.: CCT2021051001ER Page 50 of 61 Rev: 00 -Schr 20 0 8⁰ 1120 **APPENDIX III** 20 180 20 0

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Report No.: CCT2021051001ER Page 51 of 61 Rev: 00

Antenna polarity: Vertical



Note:1.*:Maximum data; x:Over limit; 1:over margin. 2.Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

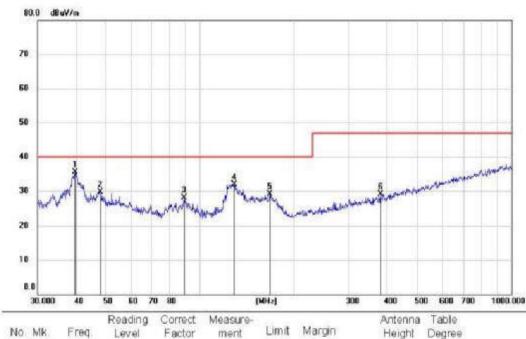
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by CCT, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of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

Report No.: CCT2021051001ER Page 52 of 61 Rev: 00

Antenna polarity: Horizontal

200

Radiated Emission Measurement



No.	MR	Freq.	Level	Factor	ment	Limit	Margin		Height	Degree		
		MHz	dBuV	d8	d8u//m	d Biu∿//m	dB	Detector	¢m	degree	Comment	
1	*	39.5757	21.36	14.22	35.58	40.00	-4.42	peak				
2		47.6586	15.98	13.69	29.67	40.00	-10.33	peak				
3		89.2764	18.28	9.77	28.05	40.00	-11.95	peak				
4	12	129.0146	18.80	13.17	31.97	40.00	-8.03	peak				
5	- 3	167.8243	15.13	13.95	29.08	40.00	-10.92	peak				
6	1	379.9141	13.66	15.39	29.05	47.00	-17.95	peak				
		The second second second second	and the later from the		Concernation of the local	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and a set of the set of					

Note 1. * Maximum data; x. Over limit, 1:over margin. 2. Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

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APPENDIX IV

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Report No.: CCT2021051001ER Page 54 of 61 Rev: 00





Photo 2 General Appearance of the EUT



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Report No.: CCT2021051001ER Page 55 of 61 Rev: 00

Photo 3 General Appearance of the EUT



Photo 4 General Appearance of the EUT



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Report No.: CCT2021051001ER Page 56 of 61 Rev: 00



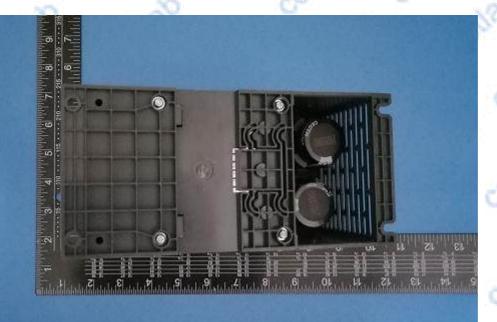


Photo 6 General Appearance of the EUT (Inside)



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Report No.: CCT2021051001ER Page 57 of 61 Rev: 00

Photo 7 General Appearance of the EUT (Inside)



Photo 8 General Appearance of the EUT (Inside)



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Report No.: CCT2021051001ER Page 58 of 61 Rev: 00



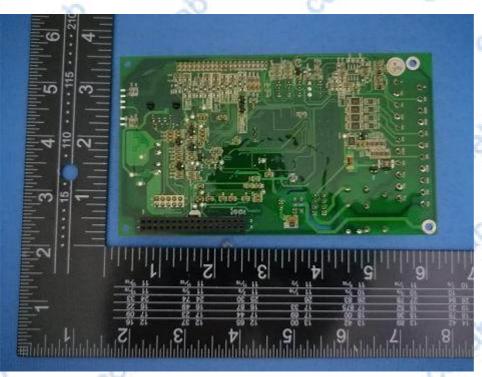


Photo 10General Appearance of the EUT (Inside)



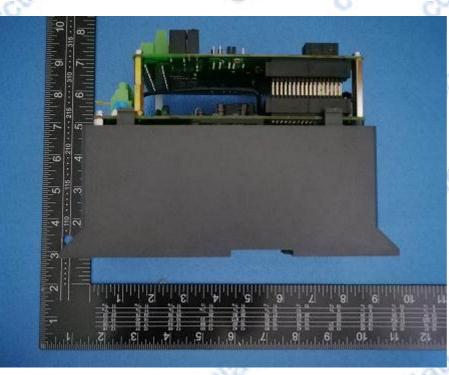
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Report No.: CCT2021051001ER Page 59 of 61 Rev: 00





Photo 12 General Appearance of the EUT (Inside)



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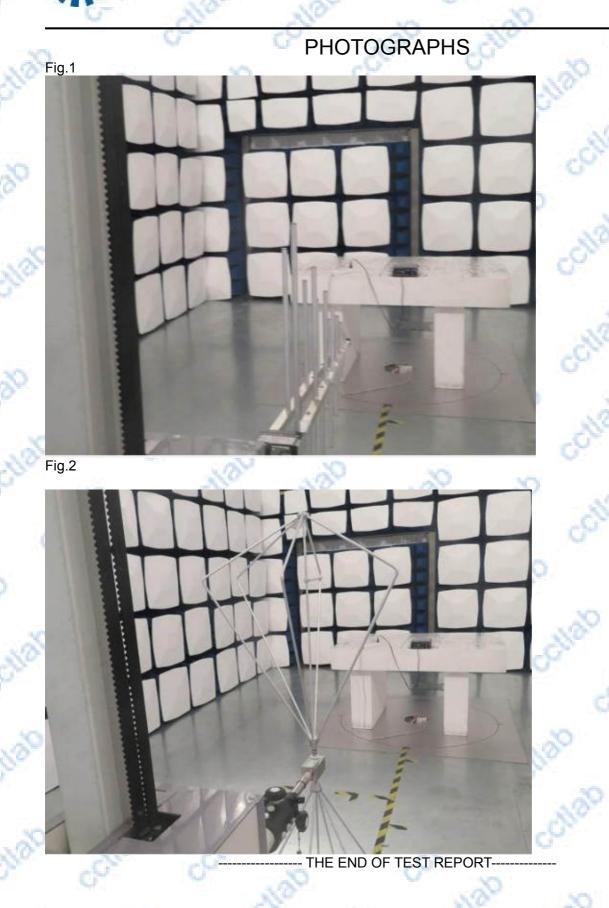
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APPENDIX V

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Report No.: CCT2021051001ER Page 61 of 61 Rev: 00



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