



Test Report: XDR-150E-48

150W AC/DC Economical Ultra Slim Industrial DIN Rail
Power

■ DESIGN VERIFY TEST

Output Function Test

Input Function Test

Protection Function Test

Control Function Test

Component Stress Test

■ SAFETY&E.M.C. TEST

Safety Test

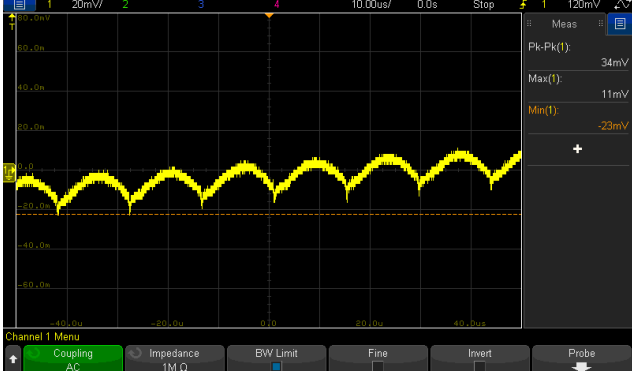
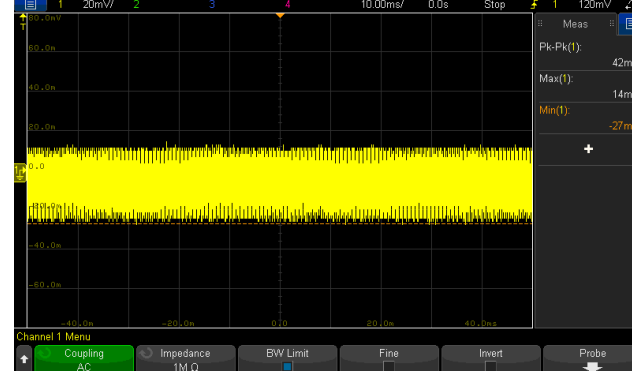
E.M.C. Test

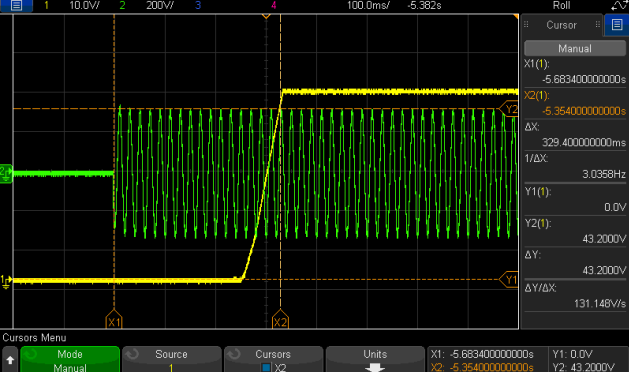
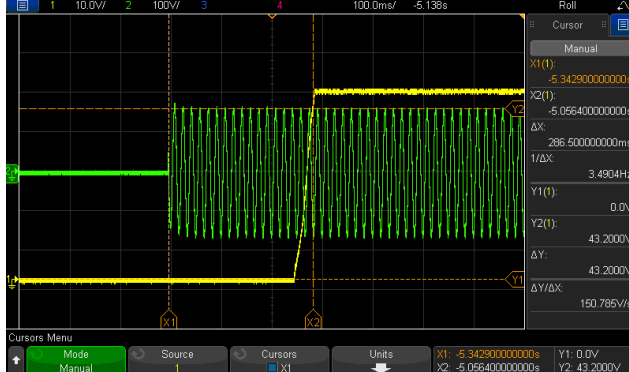
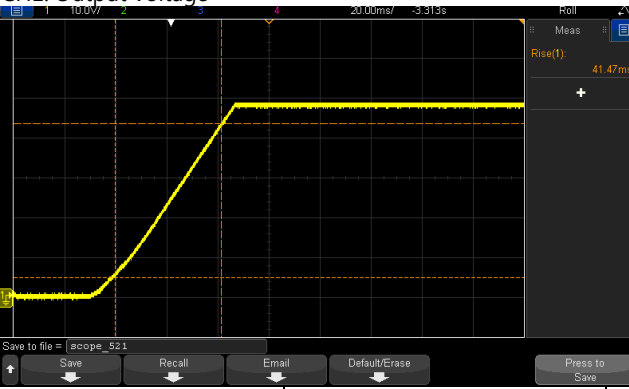
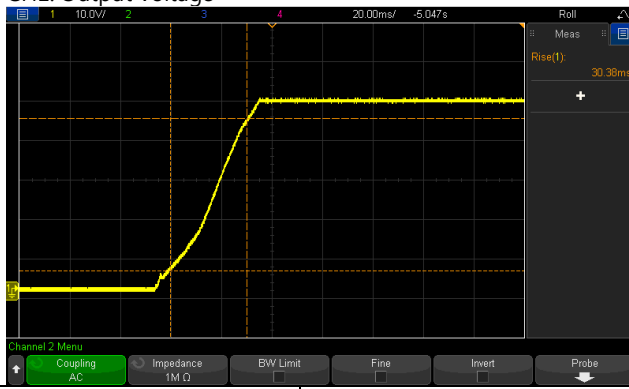
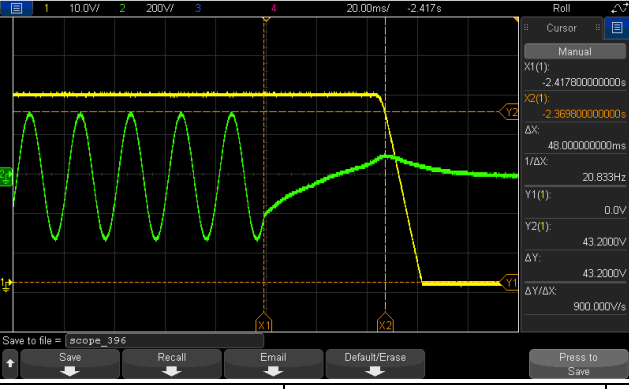
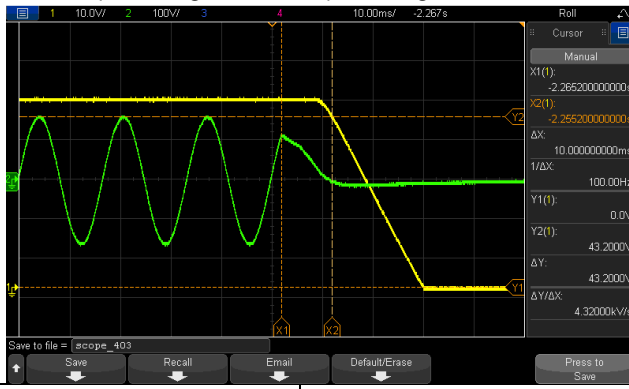
■ RELIABILITY TEST

ENVIRONMENT TEST

DESIGN VERIFY TEST

OUTPUT FUNCTION TEST

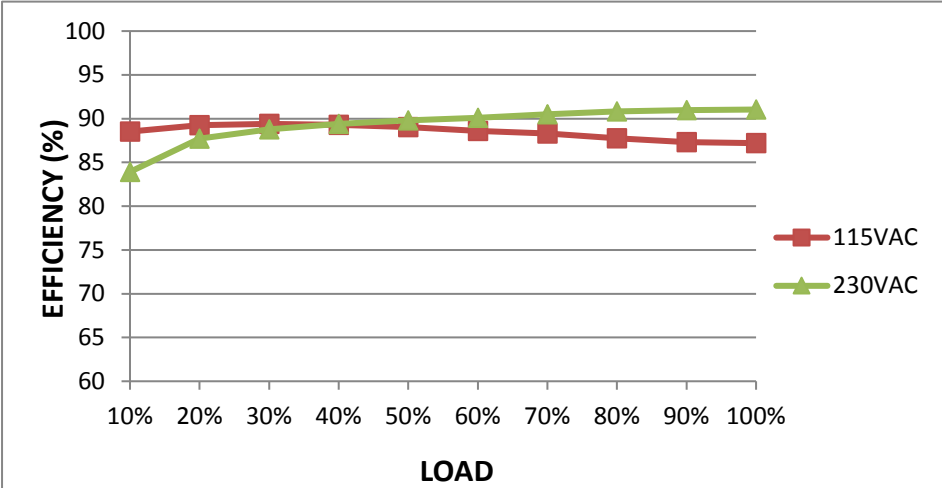
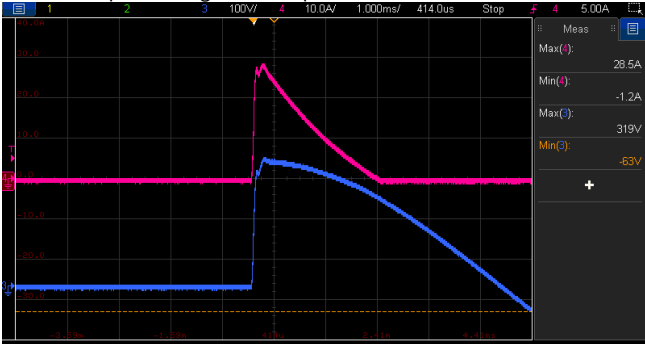
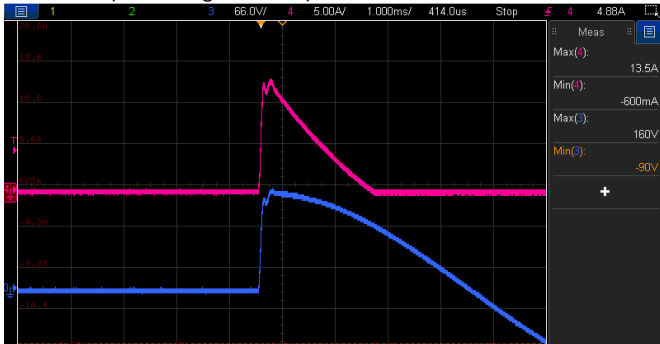
NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	OUTPUT VOLTAGE ADJUST RANGE	CH1: 48V~55V	I/P : 230 VAC I/P : 115 VAC O/P : MIN LOAD Ta : 25°C	46.038V~56.53V/230VAC 46.038V~56.53V/115VAC
2	OUTPUT VOLTAGE TOLERANCE	V1: -1% ~ +1%	I/P: 85VAC~ 264VAC O/P:FULL~ MIN. LOAD Ta:25°C	V1: -0.0208 % ~ 0.017%
3	LINE REGULATION	V1: -0.5% ~ +0.5%	I/P: 85VAC~264VAC O/P:FULL LOAD Ta:25°C	V1: -0.0125% ~0.00208 %
4	LOAD REGULATION	V1: -1% ~ +1%	I/P: 230VAC O/P:FULL ~MIN LOAD Ta:25°C	V1: -0.0208 % ~ 0.017%
5	OVER/UNDERSHOOT TEST	<±5%	I/P: 230VAC O/P:FULL LOAD / NO LOAD Ta:25°C	2.1% →FULL LOAD 1.3% →NO LOAD
6	RIPPLE & NOISE (Max)	V1:200mVp-p	I/P:230VAC O/P:FULL LOAD Ta:25°C	34mVp-p / high frequency 42mVp-p / low frequency
high frequency :  low frequency : 				
7	SET UP TIME(Max)	230VAC/1200ms 115VAC/2500ms	I/P : 230 VAC I/P : 115 VAC O/P : FULL LOAD Ta : 25°C	230VAC/329.4ms 115VAC/286.5ms
INPUT=230VAC/50HZ @ FULL LOAD CH1: Output Voltage CH3: AC Input Voltage			INPUT=115VAC/60HZ @ FULL LOAD CH1: Output Voltage CH3: AC Input Voltage	

				
8	RISE TIME (Max)	230VAC/60ms 115VAC/60ms	I/P : 230 VAC I/P : 115 VAC O/P : FULL LOAD Ta : 25°C	230VAC/ 41.47ms 115VAC/ 30.38ms
	INPUT=230VAC/50HZ @ FULL LOAD CH1: Output Voltage 			
	INPUT=115VAC/60HZ @ FULL LOAD CH1: Output Voltage 			
9	HOLD UP TIME(Typ.)	230VAC/16ms 115VAC/8ms	I/P : 230 VAC I/P : 115 VAC O/P : FULL LOAD Ta : 25°C	230VAC/48.0ms 115VAC/10.0 ms
	INPUT=230VAC/50HZ @ FULL LOAD CH1: Output Voltage CH3: AC Input Voltage 			
	INPUT=115VAC/60HZ @ FULL LOAD CH1: Output Voltage CH3: AC Input Voltage 			
10	DYNAMIC LOAD	V1: 4800mVp-p	I/P: 230VAC O/P: (1) FULL/ MIN LOAD 50%DUTY/120HZ (2) FULL/ MIN LOAD 50%DUTY/ 1KHZ Ta:25°C	820mVp-p 354mVp-p

FULL / MIN LOAD 50%DUTY/120HZ		FULL / MIN LOAD 50%DUTY/ 1KHZ	
			
11	TRANSIENT RECOVERY TIME	V1:4800mVp-p <500us	I/P: 230VAC O/P:40% LOAD CHANGE 50%DUTY/120HZ 1.25A/us 211mVp-p 0us

INPUT FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	INPUT VOLTAGE RANGE	85VAC~264VAC 120VDC~ 370VDC	(1) I/P: TESTING O/P: FULL / 80% LOAD/ 70% LOAD (2) I/P: DC TESTING (L: + N: -) O/P: FULL / 80% LOAD/ 70% LOAD (3) I/P: DC TESTING (L: - N: +) O/P: FULL / 80% LOAD/ 70% LOAD Ta:25°C	(1) 90.8V~264V/ FULL LOAD 69.2V~264V/ 80% LOAD 67.5V~264V/ 70% LOAD (2) 95.5Vdc~370Vdc/FULL LOAD 94.9Vdc~370Vdc/80% LOAD 94.8Vdc~370Vdc/70% LOAD (3) 95.1Vdc~370Vdc/FULL LOAD 95.0Vdc~370Vdc/80% LOAD 94.6Vdc~370Vdc/70% LOAD
			I/P: HIGH-LINE+15%=300V O/P:FULL/MIN LOAD (PLEASE CHECK DERATING CURVE) ON: 30 Sec OFF: 30 Sec 10MIN (POWER ON/OFF NO DAMAGE)	TEST : OK
2	INPUT FREQUENCY RANGE	47HZ ~63 HZ NO DAMAGE	I/P:85VAC ~264 VAC O/P:FULL~MIN LOAD Ta:25°C	TEST : OK
3	INPUT CURRENT(Typ.)	230V/ 1.6A 115V/ 2.6A	I/P : 230 VAC I/P : 115 VAC O/P : FULL LOAD Ta : 25°C	I =1.4613A/ 230VAC I =2.0763A/ 115VAC
4	LEAKAGE CURRENT	<1mA / 240 VAC	I/P : 240 VAC/60HZ O/P : Min LOAD Ta : 25°C	0.7587 mA
5	NO LOAD CONSUMPTION	<1W	I/P : 230VAC I/P : 115VAC O/P : NO LOAD Ta : 25°C	0.856W/230VAC 0.492W/ 115VAC

6	EFFICIENCY(Typ.)	91%	I/P:230 VAC O/P:FULL LOAD Ta:25°C	91.04%																																	
EFFICIENCY vs LOAD <table><caption>Efficiency vs Load Data (Approximate)</caption><thead><tr><th>LOAD</th><th>115VAC</th><th>230VAC</th></tr></thead><tbody><tr><td>10%</td><td>88</td><td>84</td></tr><tr><td>20%</td><td>89</td><td>88</td></tr><tr><td>30%</td><td>89</td><td>89</td></tr><tr><td>40%</td><td>89</td><td>89</td></tr><tr><td>50%</td><td>88</td><td>90</td></tr><tr><td>60%</td><td>88</td><td>90</td></tr><tr><td>70%</td><td>87</td><td>91</td></tr><tr><td>80%</td><td>87</td><td>91</td></tr><tr><td>90%</td><td>87</td><td>91</td></tr><tr><td>100%</td><td>87</td><td>91</td></tr></tbody></table>					LOAD	115VAC	230VAC	10%	88	84	20%	89	88	30%	89	89	40%	89	89	50%	88	90	60%	88	90	70%	87	91	80%	87	91	90%	87	91	100%	87	91
LOAD	115VAC	230VAC																																			
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70%	87	91																																			
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90%	87	91																																			
100%	87	91																																			
7	INRUSH CURRENT(Typ.)	230V/40A 115V/20A COLD START	I/P : 230 VAC I/P : 115 VAC O/P : FULL LOAD Ta : 25°C	I =28.5A/ 230VAC I =13.5A/ 115VAC T50= 1058us/230V																																	
INPUT=230VAC/50HZ @ FULL LOAD CH1: AC Input Voltage CH4: Input current  INPUT=115VAC/ 60HZ @ FULL LOAD CH1: AC Input Voltage CH4: Input current 																																					

PROTECTION FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	OVER LOAD PROTECTION	105%~130% rated output power/230VAC 105%~150% rated output power/115VAC Protection type: Constant current limiting without shutdown, recovers automatically after fault condition is removed	I/P: 264VAC I/P: 230VAC I/P: 180VAC I/P: 165VAC I/P: 115VAC I/P: 100VAC O/P: TESTING Ta:25°C	111.84%/ 264VAC 112.15%/ 230VAC 111.53%/180VAC 139.42%/ 165VAC 139.8%/ 115VAC 135.76%/100VAC PROTECTION TYPE : Constant current limiting without shutdown, recovers automatically after fault condition is removed
2	OVER VOLTAGE PROTECTION	56V~65V Protection type: Shut down o/p voltage, re-power on to recover	I/P: 264VAC I/P: 85VAC O/P: MIN LOAD Ta:25°C	58.9V/264VAC 59.1V/ 85VAC PROTECTION TYPE : Shut down o/p voltage, re-power on to recover
3	OVER TEMPERATURE PROTECTION	Protection type: Shut down o/p voltage, recovers automatically after fault condition is removed	I/P: 264VAC I/P: 85VAC O/P: FULL LOAD	O.T.P. Active OK Protection type : Shut down o/p voltage, recovers automatically after fault condition is removed
4	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE Protection type: Constant current limiting without shutdown, recovers automatically after fault condition is removed	I/P: 264VAC I/P: 85VAC O/P: FULL LOAD Ta:25°C	NO DAMAGE OK PROTECTION TYPE : Constant current limiting without shutdown, recovers automatically after fault condition is removed

CONTROL FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	DC OK CONTACT RATINGS	30VDC/1A 30VAC/0.5A RESISTIVE LOAD	I/P: 230VAC O/P: FULL LOAD Ta:25°C	TEST : OK

COMPONENT STRESS TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	PWM Transistor (D to S) or (C to E) Peak Voltage	Q1 : Rated : 14A/650V	AC ON/OFF I/P: High-Line +3V = 267V VDS: O/P: (1) Full Load 3.25A (2) Output Short (3) Dynamic Load Full Load/ Min. Load 90% Duty/1KHz	Q1 VDS: (1) 548V (2) 544V (3) 548V (4) 556V (5) 556V

			(4)Dynamic Load Full Load/ Min. Load 90%Duty/3KHz (5)Dynamic Load Full Load/ Min. Load 90%Duty/5KHz (6)Dynamic Load 100% Load/ Min. Load 50%Duty/120Hz (7)0%→400% Load Ta:25°C	(6) 556V (7) 548V
2	Diode PeakVoltage	Q100 : Rated : 10A/300V	AC ON/OFF I/P: High-Line +3V =267 V <u>VO=Vomax</u> O/P: (1)Full Load (2)Output Short (3)Dynamic Load Full Load/ Min. Load 90%Duty/1KHz (4)Dynamic Load Full Load/ Min. Load 90%Duty/3KHz (5)Dynamic Load Full Load/ Min. Load 90%Duty/5KHz (6)Dynamic Load 100% Load/ Min. Load 50%Duty/120Hz (7)0%→400% Load. (8).NO LOAD <u>VO=Vnormal</u> O/P: (1) Full Load Ta:25°C	<u>VO= Vomax</u> VDS: (1) 245V (2) 245V (3) 245V (4) 245V (5) 245V (6) 245V (7) 247V (8) 245V <u>VO=Vnormal</u> (1) 238V
3	Input Capacitor Voltage	C5 Rated: 180μ/ 400V	I/P:High-Line +3V =267V O/P: (1)Full Load input on/off (2) Min load input on /Off (3)Full Load /Min load Change (4)Full load continue Ta:25°C	(1)376V (2)376V (3)376V (4)372V
4	Control IC Voltage Test	PWM IC U1: Rated : 9.5V~ 27V IC U107 : Rated : 3V~30V	AC ON/OFF I/P: High-Line +3V =267 V O/P: (1) FULL LOAD (2) Output Short (3) O.L.P (4) O.V.P. (5) NO LOAD VRmin (LOW LINE) Ta:25°C	U1 U107 (1) 17.0V (1) 11.7V (2) 17.0V (2) 12.3V (3) 17.1V (3) 12.0V (4) 17.2V (4) 11.5V (5) 17.0V (5) 11.5V
5	Clamp Diode Peak Voltage	D10 : Rated : 620V/1A	AC ON/OFF I/P : High-Line +3V = 267 V O/P : (1) Dynamic Load 90%Duty/1KHz (2) Full load continue Ta : 25°C	(1)471V (2)467V

■ SAFETY& E.M.C. TEST

SAFETY TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	WITHSTANDVOLTAGE	I/P-O/P: 4 K VAC/min I/P-FG: 2 K VAC/min O/P-FG: 1.5 KVAC/min O/P-DC OK: 0.5 KVAC/min	I/P-O/P: 4.4 KVAC/min I/P-FG: 2.4 KVAC/min O/P-FG: 1.8 KVAC/min O/P-DC OK: 0.6 KVAC/min Ta:25°C	I/P-O/P: 6.66 mA I/P-FG: 5.50 mA O/P-FG: 6.48 mA O/P-DC OK: 0.005 mA NO DAMAGE
2	ISOLATIONRESISTANCE	I/P-O/P: 500 VDC>100MΩ O/P-FG: 500 VDC>100MΩ I/P-FG: 500 VDC >100MΩ	I/P-O/P: 600 VDC I/P-FG: 600 VDC O/P-FG: 600 VDC Ta:25°C	I/P-O/P: 50 GΩ I/P-FG: 50 GΩ O/P-FG: 50 GΩ NO DAMAGE
3	GROUNDINGCONTINUITY	FG(PE) TO CHASSIS OR TRACE < 100 mΩ	40A / 2min Ta:25°C	8mΩ

E.M.C TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	HARMONIC	BS EN/EN61000-3-2 CLASS A	I/P:230VAC/50HZ O/P: FULL LOAD Ta:25°C	PASS
2	CONDUCTION	BS EN/EN55032 (CISPR32)/ BS EN/EN61204-3/ CNS15936 CLASS B	I/P : 230 VAC (50HZ) O/P : FULL/50% LOAD Ta : 25°C	PASS Test by certified Lab
3	RADIATION	BS EN/EN55032 (CISPR32)/ BS EN/EN61204-3/ CNS15936 CLASS B	I/P : 230 VAC (50HZ) O/P : FULL LOAD Ta : 25°C	PASS Test by certified Lab
4	E.S.D	BS EN/EN61000-4-2 INDUSTRY AIR : 8KV / Contact : 4KV	I/P : 230 VAC/50HZ O/P : FULL LOAD Ta : 25°C	CRITERIA A
5	E.F.T	BS EN/EN61000-4-4 INDUSTRY INPUT : 2KV	I/P : 230 VAC/50HZ O/P : FULL LOAD Ta : 25°C	CRITERIA A
6	SURGE	BS EN/EN61000-4-5 INDUSTRY Line-Line : 2KV Line-Line-Chassis : 4KV	I/P : 230 VAC/50HZ O/P : FULL LOAD Ta : 25°C	CRITERIA A
7	Test by certified Lab & Test Report Prepare Any contradictions of the test results, please refer to the latest EMC test report			

■ RELIABILITY TEST

ENVIRONMENT TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT																																																																																																																																				
1	TEMPERATURE RISE TEST	MODEL : XDR-150E-48 1. ROOM AMBIENT BURN-IN : 2HRS I/P : 230VAC O/P : FULL LOAD Ta= 25.8 °C 2. HIGH AMBIENT BURN-IN : 2HRS I/P : 230VAC O/P : FULL LOAD Ta= 50 °C																																																																																																																																						
		<table><tr><th>NO</th><th>Position</th><th>ROOM AMBIENTTa= 25.8°C</th><th>HIGH AMBIENT Ta= 50°C</th></tr><tr><td>1</td><td>ZNR1</td><td>46.6°C</td><td>70.9°C</td></tr><tr><td>2</td><td>LF1</td><td>49.3°C</td><td>73.5°C</td></tr><tr><td>3</td><td>RY1</td><td>57.3°C</td><td>80.3°C</td></tr><tr><td>4</td><td>LF100</td><td>55°C</td><td>78.4°C</td></tr><tr><td>5</td><td>C115</td><td>51.6°C</td><td>75°C</td></tr><tr><td>6</td><td>C1</td><td>50.3°C</td><td>75.2°C</td></tr><tr><td>7</td><td>LF2</td><td>61.7°C</td><td>85.2°C</td></tr><tr><td>8</td><td>RTH2</td><td>87.4°C</td><td>101°C</td></tr><tr><td>9</td><td>RTH1</td><td>80.4°C</td><td>95.7°C</td></tr><tr><td>10</td><td>R6</td><td>71.7°C</td><td>88°C</td></tr><tr><td>11</td><td>BD1</td><td>52.4°C</td><td>75.2°C</td></tr><tr><td>12</td><td>C5</td><td>55.3°C</td><td>78.2°C</td></tr><tr><td>13</td><td>C35</td><td>60.8°C</td><td>83.3°C</td></tr><tr><td>14</td><td>R50</td><td>67.3°C</td><td>90.3°C</td></tr><tr><td>15</td><td>Q1</td><td>67.1°C</td><td>91.6°C</td></tr><tr><td>16</td><td>T1 Coil</td><td>66.7°C</td><td>88.9°C</td></tr><tr><td>17</td><td>T1 Core</td><td>59.2°C</td><td>81.7°C</td></tr><tr><td>18</td><td>RTH3</td><td>61.5°C</td><td>83.7°C</td></tr><tr><td>19</td><td>C118</td><td>65.5°C</td><td>87.8°C</td></tr><tr><td>20</td><td>C107</td><td>60.1°C</td><td>83.2°C</td></tr><tr><td>21</td><td>C105</td><td>63.8°C</td><td>86.7°C</td></tr><tr><td>22</td><td>R100</td><td>73.3°C</td><td>96.7°C</td></tr><tr><td>23</td><td>Q100</td><td>76.6°C</td><td>98.7°C</td></tr><tr><td>24</td><td>J110</td><td>68.4°C</td><td>91.7°C</td></tr><tr><td>25</td><td>U1</td><td>56.7°C</td><td>79.7°C</td></tr><tr><td>26</td><td>U107</td><td>55.6°C</td><td>78.3°C</td></tr><tr><td>27</td><td>U2</td><td>53.2°C</td><td>76°C</td></tr><tr><td>28</td><td>D10</td><td>70.3°C</td><td>93.3°C</td></tr><tr><td>29</td><td>Q2</td><td>65.5°C</td><td>88°C</td></tr><tr><td>30</td><td>D102</td><td>72°C</td><td>94.3°C</td></tr><tr><td>31</td><td>D7</td><td>65.5°C</td><td>87.4°C</td></tr><tr><td>32</td><td>Q200</td><td>68.3°C</td><td>91.6°C</td></tr></table>			NO	Position	ROOM AMBIENTTa= 25.8°C	HIGH AMBIENT Ta= 50°C	1	ZNR1	46.6°C	70.9°C	2	LF1	49.3°C	73.5°C	3	RY1	57.3°C	80.3°C	4	LF100	55°C	78.4°C	5	C115	51.6°C	75°C	6	C1	50.3°C	75.2°C	7	LF2	61.7°C	85.2°C	8	RTH2	87.4°C	101°C	9	RTH1	80.4°C	95.7°C	10	R6	71.7°C	88°C	11	BD1	52.4°C	75.2°C	12	C5	55.3°C	78.2°C	13	C35	60.8°C	83.3°C	14	R50	67.3°C	90.3°C	15	Q1	67.1°C	91.6°C	16	T1 Coil	66.7°C	88.9°C	17	T1 Core	59.2°C	81.7°C	18	RTH3	61.5°C	83.7°C	19	C118	65.5°C	87.8°C	20	C107	60.1°C	83.2°C	21	C105	63.8°C	86.7°C	22	R100	73.3°C	96.7°C	23	Q100	76.6°C	98.7°C	24	J110	68.4°C	91.7°C	25	U1	56.7°C	79.7°C	26	U107	55.6°C	78.3°C	27	U2	53.2°C	76°C	28	D10	70.3°C	93.3°C	29	Q2	65.5°C	88°C	30	D102	72°C	94.3°C	31	D7	65.5°C	87.4°C	32	Q200	68.3°C	91.6°C
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17	T1 Core	59.2°C	81.7°C																																																																																																																																					
18	RTH3	61.5°C	83.7°C																																																																																																																																					
19	C118	65.5°C	87.8°C																																																																																																																																					
20	C107	60.1°C	83.2°C																																																																																																																																					
21	C105	63.8°C	86.7°C																																																																																																																																					
22	R100	73.3°C	96.7°C																																																																																																																																					
23	Q100	76.6°C	98.7°C																																																																																																																																					
24	J110	68.4°C	91.7°C																																																																																																																																					
25	U1	56.7°C	79.7°C																																																																																																																																					
26	U107	55.6°C	78.3°C																																																																																																																																					
27	U2	53.2°C	76°C																																																																																																																																					
28	D10	70.3°C	93.3°C																																																																																																																																					
29	Q2	65.5°C	88°C																																																																																																																																					
30	D102	72°C	94.3°C																																																																																																																																					
31	D7	65.5°C	87.4°C																																																																																																																																					
32	Q200	68.3°C	91.6°C																																																																																																																																					

2	OVER LOAD BURN-IN TEST	NO DAMAGE 1 HOUR (MIN)	I/P : 230 VAC O/P : 110.77% LOAD Ta : 25°C	TEST : OK
3	LOW TEMPERATURE TURN ON TEST	TURN ON AFTER 2 HOUR	I/P : 264VAC/100VAC O/P : 100% LOAD Ta= -30°C	TEST : OK
4	HIGH HUMIDITY HIGH TEMPERATURE HIGH VOLTAGE TURN ON TEST	AFTER 12 HOURS IN CHAMBER ON CONTROL 50°C/95 %R.H NO DAMAGE	I/P : 272 VAC O/P : FULL LOAD Ta= 50°C HUMIDITY= 95 %R.H	TEST : OK
5	TEMPERATURE COEFFICIENT	± 0.03 %/°C(0~50°C)	I/P : 230 VAC O/P : FULL LOAD	±0.012 %/°C(0~50°C)
6	STORAGE TEMPERATURE TEST	-40~85°C	1. Thermal shock Temperature : -45°C~ +90°C 2. Temperature change rate : 25°C / MIN 3. Dwell time low and high temperature : 30 MIN/EACH 4. Total test cycle : 10 CYCLE 5. Input/Output condition : STATIC	
7	THERMAL SHOCK TEST	-30~50°C	1. Thermal shock Temperature : -35°C~ +55°C 2. Temperature change rate : 25°C / MIN 3. Dwell time low and high temperature : 30 MIN/EACH 4. Total test cycle : 16 CYCLE 5. Input/Output condition : 15cycle:230V/ FULL LOAD AC ON 3sec/AC OFF 1sec TEST 1cycle:230V/ FULL LOAD Burn In Test	
8	VIBRATION TEST	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes	1 Carton & 1 Set (1) Waveform : Sine Wave (2) Frequency : 10~500Hz (3) Sweep Time : 10min/sweep cycle (4) Acceleration : 3G (5) Test Time : 180min in each axis (X.Y.Z) (6) Ta : 25°C	
9	CAPACITOR LIFE CYCLE	SUPPOSE C107 IS THE MOST CRITICAL COMPONENT (1) I/P : 230VAC O/P : FULL LOAD Ta= 25°C LIFE TIME (2) I/P : 230VAC O/P : FULL LOAD Ta= 50°C LIFE TIME (3) I/P : 230VAC O/P : 75% LOAD Ta= 50°C LIFE TIME (4) I/P : 230VAC O/P : 50% LOAD Ta= 50°C LIFE TIME		(1) 164208.5HRS (2) 31328.1HRS (3) 46699.6HRS (4) 69432.3HRS
10	MTBF	Conducted by Parts Stress Analysis Prediction 2201.7K hrs min. Telcordia SR-332 (Bellcore) ; 440.4K hrs min. MIL-HDBK-217F (25°C)		
11	Ongoing Reliability Test	I/P : 230VAC O/P : FULL LOAD TA=50°C Demonstration Mean Time Between Failure : 30,000 hours		

TEST RESULT	TESTER	REVIEW	APPROVAL
PASS	YUWEI	LIUTT	WANGZD

2020.10.1 TAG-QA-009