

**検査成績表**  
TEST REPORT

品名<Model Name> ( パワーアナライザ<POWER ANALYZER> )  
 形名<Model Number> ( PW3390-03 )  
 製造番号<Serial No.> ( No. 180721347 )  
 検査年月日<Test Date> ( 2018-07-12 )  
 ( <YYYY-MM-DD> )  
 検査条件<Test Conditions> ( 24.2 °C, 52 %rh )

**1. 電圧精度<Voltage Accuracy>**

項目 <Item>	レクティファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3							
			<Volt>	<Freq.>		CH1	CH2	CH3	CH4				
電圧 <Voltage> (AC+DC)	RMS	1.5kV	1kV	55Hz	0.9989 kV ~ 1.0011 kV	( 1.0000 kV )	( 1.0000 kV )	( 1.0000 kV )	( 1.0000 kV )				
			0V	-	0.0000 kV ~ 0.0000 kV	( 0.0000 kV )	( 0.0000 kV )	( 0.0000 kV )	( 0.0000 kV )				
			600V	55Hz	599.46 V ~ 600.54 V	( 600.01 V )	( 600.01 V )	( 600.01 V )	( 600.01 V )				
			300V	55Hz	299.73 V ~ 300.27 V	( 300.02 V )	( 300.01 V )	( 300.01 V )	( 300.01 V )				
			150V	150V	55Hz	149.87 V ~ 150.13 V	( 150.00 V )	( 150.00 V )	( 150.00 V )	( 150.00 V )			
				100V	55Hz	99.89 V ~ 100.11 V	( 100.00 V )	( 100.00 V )	( 100.00 V )	( 100.00 V )			
			75V	55Hz	74.90 V ~ 75.10 V	( 75.00 V )	( 75.00 V )	( 75.00 V )	( 75.00 V )				
			1.5V	55Hz	1.43 V ~ 1.57 V	( 1.50 V )	( 1.50 V )	( 1.50 V )	( 1.50 V )				
			0V	-	0.00 V ~ 0.00 V	( 0.00 V )	( 0.00 V )	( 0.00 V )	( 0.00 V )				
			60V	55Hz	59.946 V ~ 60.054 V	( 60.000 V )	( 60.000 V )	( 59.999 V )	( 60.000 V )				
			30V	55Hz	29.973 V ~ 30.027 V	( 30.001 V )	( 30.000 V )	( 30.000 V )	( 30.000 V )				
			15V	55Hz	14.987 V ~ 15.013 V	( 15.000 V )	( 15.000 V )	( 15.000 V )	( 15.000 V )				
			0V	-	0.000 V ~ 0.000 V	( 0.000 V )	( 0.000 V )	( 0.000 V )	( 0.000 V )				
			RMS (AC)	1.5kV	600V	1kV	55Hz	0.9989 kV ~ 1.0011 kV	( 1.0000 kV )	( 1.0000 kV )	( 1.0000 kV )	( 1.0000 kV )	
600V	55Hz	599.46 V ~ 600.54 V				( 600.01 V )	( 600.01 V )	( 600.00 V )	( 600.01 V )				
300V	55Hz	299.73 V ~ 300.27 V				( 300.01 V )	( 300.00 V )	( 300.00 V )	( 300.01 V )				
150V	55Hz	149.87 V ~ 150.13 V				( 150.00 V )	( 150.00 V )	( 150.00 V )	( 150.00 V )				
60V	55Hz	59.946 V ~ 60.054 V				( 60.001 V )	( 60.000 V )	( 60.000 V )	( 60.000 V )				
30V	55Hz	29.973 V ~ 30.027 V				( 30.001 V )	( 30.000 V )	( 30.000 V )	( 30.000 V )				
15V	55Hz	14.987 V ~ 15.013 V				( 15.000 V )	( 15.000 V )	( 15.000 V )	( 15.000 V )				
DC	1.5kV	+1kV				0V		0.9985 kV ~ 1.0015 kV	( 1.0001 kV )	( 1.0000 kV )	( 1.0000 kV )	( 1.0000 kV )	
						0V		0.0000 kV ~ 0.0000 kV	( 0.0000 kV )	( 0.0000 kV )	( 0.0000 kV )	( 0.0000 kV )	
						-1kV		-1.0015 kV ~ -0.9985 kV	( -1.0000 kV )	( -0.9999 kV )	( -0.9999 kV )	( -1.0000 kV )	
						600V	+600V		599.28 V ~ 600.72 V	( 600.01 V )	( 600.00 V )	( 600.01 V )	( 599.98 V )
							0V		0.00 V ~ 0.00 V	( 0.00 V )	( 0.00 V )	( 0.00 V )	( 0.00 V )
						300V	+300V		299.64 V ~ 300.36 V	( 300.00 V )	( 300.01 V )	( 300.01 V )	( 299.99 V )
							0V		0.00 V ~ 0.00 V	( 0.00 V )	( 0.00 V )	( 0.00 V )	( 0.00 V )
			150V	+150V		149.82 V ~ 150.18 V	( 150.00 V )	( 150.00 V )	( 149.99 V )	( 150.00 V )			
				0V		0.00 V ~ 0.00 V	( 0.00 V )	( 0.00 V )	( 0.00 V )	( 0.00 V )			
			60V	-150V		-150.18 V ~ -149.82 V	( -150.00 V )	( -150.01 V )	( -150.00 V )	( -150.00 V )			
				+60V		59.928 V ~ 60.072 V	( 60.000 V )	( 60.000 V )	( 60.003 V )	( 60.000 V )			
			30V	0V		0.000 V ~ 0.000 V	( 0.000 V )	( 0.000 V )	( 0.000 V )	( 0.000 V )			
				+30V		29.964 V ~ 30.036 V	( 30.000 V )	( 30.002 V )	( 30.000 V )	( 30.001 V )			
			15V	0V		0.000 V ~ 0.000 V	( 0.000 V )	( 0.000 V )	( 0.000 V )	( 0.000 V )			
+15V		14.982 V ~ 15.018 V		( 15.001 V )	( 14.999 V )	( 15.000 V )	( 14.999 V )						
		+0.15V		0.140 V ~ 0.160 V	( 0.150 V )	( 0.150 V )	( 0.149 V )	( 0.150 V )					
		-15V		-15.018 V ~ -14.982 V	( -15.000 V )	( -15.000 V )	( -15.002 V )	( -15.000 V )					
		0V		0.000 V ~ 0.000 V	( 0.000 V )	( 0.000 V )	( 0.000 V )	( 0.000 V )					

**備考<Note>**

・特に設定の明記のない場合、以下の設定で検査しています。  
 センサ:「50A定格」、LPF:「OFF」、ゼロクロスフィルタ:「強」、アベレージ:「OFF」  
 <Inspection settings are as follows except noted.  
 CT sensor: 50A rated, LPF: OFF, Zero-cross filter: Strong, Averaging: OFF>

- \*1. ゼロサプレス設定 : 0.5%f.s. <Zero-suppress setting: 0.5% f.s.>
- \*2. ゼロサプレス設定 : OFF <Zero-suppress setting: OFF>
- \*3. FAIL判定箇所は、グレー表示としています。<FAIL decision points are highlighted in gray.>

総合判定<Overall Result>	検査者<Inspected By>	承認者<Approved By>
( PASS )	( )	( )

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TEST REPORT

製造番号<Serial No.> ( No. 180721347 )  
 検査年月日<Test Date> ( 2018-07-12 )  
 <YYYY-MM-DD>

**2. 電流精度<Current Accuracy>**

項目 <Item>	レクタファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3				
			<Curr.>	<Freq.>		CH1	CH2	CH3	CH4	
電流 <Current> (AC+DC)	RMS	50A	50A	55Hz	49.955 A ~ 50.045 A	( 49.999 A )	( 49.999 A )	( 50.000 A )	( 50.000 A )	
			0A	-	0.000 A ~ 0.000 A	( 0.000 A )	( 0.000 A )	( 0.000 A )	( 0.000 A )	
			20A	55Hz	19.982 A ~ 20.018 A	( 19.999 A )	( 19.999 A )	( 19.999 A )	( 19.999 A )	
		20A	10A	55Hz	9.991 A ~ 10.009 A	( 10.001 A )	( 10.001 A )	( 10.001 A )	( 10.001 A )	
			5A	55Hz	4.9955 A ~ 5.0045 A	( 4.9999 A )	( 5.0000 A )	( 4.9999 A )	( 4.9999 A )	
			2.5A	55Hz	2.4965 A ~ 2.5035 A	( 2.4999 A )	( 2.4999 A )	( 2.4999 A )	( 2.4999 A )	
		10A	0.5A	55Hz	0.4973 A ~ 0.5027 A	( 0.5000 A )	( 0.5000 A )	( 0.5001 A )	( 0.5000 A )	
			0.05A	55Hz	0.0475 A ~ 0.0525 A	( 0.0498 A )	( 0.0498 A )	( 0.0499 A )	( 0.0498 A )	
			0A	-	0.0000 A ~ 0.0000 A	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	
		2A	2A	55Hz	1.9982 A ~ 2.0018 A	( 2.0000 A )	( 2.0000 A )	( 2.0000 A )	( 2.0000 A )	
			1A	55Hz	0.9991 A ~ 1.0009 A	( 0.9999 A )	( 0.9999 A )	( 0.9999 A )	( 0.9999 A )	
			0A	-	0.0000 A ~ 0.0000 A	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	
		RMS (AC)	50A	50A	55Hz	49.955 A ~ 50.045 A	( 49.999 A )	( 49.999 A )	( 50.000 A )	( 49.999 A )
				20A	55Hz	19.982 A ~ 20.018 A	( 19.999 A )	( 19.999 A )	( 19.999 A )	( 19.999 A )
				10A	55Hz	9.991 A ~ 10.009 A	( 10.001 A )	( 10.001 A )	( 10.001 A )	( 10.001 A )
5A	55Hz			4.9955 A ~ 5.0045 A	( 4.9999 A )	( 5.0000 A )	( 4.9999 A )	( 4.9999 A )		
2A	55Hz			1.9982 A ~ 2.0018 A	( 2.0000 A )	( 2.0000 A )	( 2.0000 A )	( 2.0000 A )		
1A	55Hz			0.9991 A ~ 1.0009 A	( 0.9999 A )	( 0.9999 A )	( 0.9999 A )	( 0.9999 A )		
DC	50A	+50A		49.940 A ~ 50.060 A	( 49.995 A )	( 49.999 A )	( 50.000 A )	( 49.995 A )		
		0A		0.000 A ~ 0.000 A	( 0.000 A )	( 0.000 A )	( 0.000 A )	( 0.000 A )		
		-50A		-50.060 A ~ -49.940 A	( -49.995 A )	( -49.993 A )	( -49.998 A )	( -50.000 A )		
		20A	+20A		19.976 A ~ 20.024 A	( 19.999 A )	( 19.999 A )	( 19.998 A )	( 19.998 A )	
			0A		0.000 A ~ 0.000 A	( 0.000 A )	( 0.000 A )	( 0.000 A )	( 0.000 A )	
			+10A		9.988 A ~ 10.012 A	( 10.000 A )	( 10.001 A )	( 10.000 A )	( 10.000 A )	
		5A	+5A		4.9935 A ~ 5.0065 A	( 4.9999 A )	( 4.9999 A )	( 4.9996 A )	( 4.9995 A )	
			0A		0.0000 A ~ 0.0000 A	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	
			-5A		-5.0065 A ~ -4.9935 A	( -4.9996 A )	( -5.0002 A )	( -4.9996 A )	( -5.0002 A )	
		2A	+2A		1.9971 A ~ 2.0029 A	( 2.0001 A )	( 2.0001 A )	( 2.0001 A )	( 2.0000 A )	
			0A		0.0000 A ~ 0.0000 A	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	
			+1A		0.9983 A ~ 1.0017 A	( 0.9999 A )	( 1.0000 A )	( 0.9999 A )	( 1.0000 A )	
		1A	-1A		-1.0017 A ~ -0.9983 A	( -0.9999 A )	( -0.9999 A )	( -0.9999 A )	( -0.9999 A )	
			+0.01A		0.0088 A ~ 0.0112 A	( 0.0101 A )	( 0.0101 A )	( 0.0101 A )	( 0.0101 A )	
			0A		0.0000 A ~ 0.0000 A	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	( 0.0000 A )	

**3. 電力精度<Power Accuracy>**

項目 <Item>	レクタファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3			
			<Volt/Curr./Pow./Freq./PF>			CH1	CH2	CH3	CH4
-1. 力率 1 (cos φ=1) (AC+DC)	RMS	150V 5A	150V, 5A, 750W, 55Hz	1	749.33 W ~ 750.67 W	( 750.00 W )	( 749.99 W )	( 750.00 W )	( 749.99 W )
			150V, 2.5A, 375W, 55Hz	1	374.48 W ~ 375.52 W	( 374.99 W )	( 374.98 W )	( 374.99 W )	( 374.98 W )
			150V, 0.5A, 75W, 55Hz	1	74.60 W ~ 75.40 W	( 74.99 W )	( 74.99 W )	( 75.00 W )	( 74.99 W )
			150V, 0.05A, 7.5W, 55Hz	1	7.13 W ~ 7.87 W	( 7.47 W )	( 7.47 W )	( 7.48 W )	( 7.46 W )
			150V, 0A, 0W, 55Hz	-	0.00 W ~ 0.00 W	( 0.00 W )	( 0.00 W )	( 0.00 W )	( 0.00 W )
		1.5kV 50A	1kV, 50A, 50kW, 55Hz	1	49.943 kW ~ 50.057 kW	( 49.997 kW )	( 49.999 kW )	( 49.999 kW )	( 50.000 kW )
			1kV, 1A, 1kW, 55Hz	1	0.9989 kW ~ 1.0011 kW	( 1.0000 kW )	( 1.0000 kW )	( 1.0000 kW )	( 1.0000 kW )
			15V 50A 15V, 50A, 750W, 55Hz	1	749.33 W ~ 750.67 W	( 750.00 W )	( 750.01 W )	( 750.00 W )	( 750.00 W )
			15V 1A 15V, 1A, 15W, 55Hz	1	14.987 W ~ 15.013 W	( 14.999 W )	( 14.999 W )	( 14.999 W )	( 14.999 W )
			15V, 0A, 0W, 55Hz	-	0.000 W ~ 0.000 W	( 0.000 W )	( 0.000 W )	( 0.000 W )	( 0.000 W )
DC	15V 1A	+15V, +1A, +15W		14.975 W ~ 15.025 W	( 14.999 W )	( 14.999 W )	( 14.999 W )	( 14.999 W )	
		-15V, -1A, +15W		14.975 W ~ 15.025 W	( 14.999 W )	( 14.998 W )	( 15.000 W )	( 14.999 W )	
		+15V, +0.01A, +0.15W		0.132 W ~ 0.168 W	( 0.151 W )	( 0.151 W )	( 0.151 W )	( 0.151 W )	
		0V, 0A, 0W		0.000 W ~ 0.000 W	( 0.000 W )	( 0.000 W )	( 0.000 W )	( 0.000 W )	
		1.5kV 50A +1kV, +50A, +50kW		49.922 kW ~ 50.078 kW	( 49.997 kW )	( 50.000 kW )	( 50.000 kW )	( 49.994 kW )	
	-1kV, -50A, +50kW		49.922 kW ~ 50.078 kW	( 49.994 kW )	( 49.990 kW )	( 49.995 kW )	( 49.997 kW )		

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製造番号<Serial No.> ( No. 180721347 )  
 検査年月日<Test Date> ( 2018-07-12 )  
 <YYYY-MM-DD>

**3. 電力精度<Power Accuracy>**

項目 <Item>	レクティファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *2,*3			
			<Volt/Curr./Pow./Freq./PF>			CH1	CH2	CH3	CH4
-2.力率 0 (cos φ=0) (AC+DC)	RMS	150V 5A	150V, 5A, 0W, 55Hz, LEAD 0		-1.04 W ~ 1.04 W	( -0.02 W )	( -0.02 W )	( -0.01 W )	( -0.02 W )
			150V, 5A, 0W, 55Hz, LAG 0		( 0.19 W )	( 0.20 W )	( 0.19 W )	( 0.19 W )	
		15V 50A	15V, 50A, 0W, 55Hz, LEAD 0		-1.04 W ~ 1.04 W	( -0.12 W )	( -0.11 W )	( -0.11 W )	( -0.11 W )
			15V, 50A, 0W, 55Hz, LAG 0		( -0.21 W )	( -0.22 W )	( -0.23 W )	( -0.22 W )	

**4. 位相差<Phase Measurement>**

項目 <Item>	レクティファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *2,*3			
			<Volt/Curr./Pow./Freq./PF>			CH1	CH2	CH3	CH4
-1.力率 0 (cos φ=0)	φ	150V 5A	150V, 5A, 0W, 55Hz, LEAD 0		-90.08 ° ~ -89.92 °	( -90.00 ° )	( -90.00 ° )	( -90.00 ° )	( -90.00 ° )
			15V 50A 15V, 50A, 0W, 55Hz, LEAD 0		( -90.01 ° )	( -90.01 ° )	( -90.01 ° )	( -90.01 ° )	

**5. ピーク測定<Peak Measurement>**

項目 <Item>	レクティファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3			
			<Volt/Curr.>	<Freq.>		CH1	CH2	CH3	CH4
-1.電圧 <Voltage> (AC+DC)	RMS	15V	+15V	DC	14.682 V ~ 15.318 V	( 15.041 V )	( 15.037 V )	( 15.036 V )	( 15.036 V )
			-15V	DC	-15.318 V ~ -14.682 V	( -14.966 V )	( -14.964 V )	( -14.961 V )	( -14.964 V )
-2.電流 <Current> (AC+DC)	RMS	1A	+1A	DC	0.9783 A ~ 1.0217 A	( 1.0048 A )	( 1.0053 A )	( 1.0047 A )	( 1.0046 A )
			-1A	DC	-1.0217 A ~ -0.9783 A	( -0.9946 A )	( -0.9947 A )	( -0.9952 A )	( -0.9944 A )

**6. 周波数特性<Frequency Characteristic>**

項目 <Item>	レクティファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3							
			<Volt/Curr.>	<Freq.>		CH1	CH2	CH3	CH4				
-1.電圧 <Voltage> (AC+DC)	RMS	150V	150V	10Hz	149.78 V ~ 150.22 V	( 150.01 V )	( 150.00 V )	( 150.01 V )	( 150.01 V )				
				50Hz	149.87 V ~ 150.13 V	( 150.00 V )	( 150.00 V )	( 150.00 V )	( 150.00 V )				
				60Hz	149.87 V ~ 150.13 V	( 150.00 V )	( 150.00 V )	( 150.00 V )	( 150.00 V )				
				100Hz	149.70 V ~ 150.30 V	( 150.00 V )	( 150.00 V )	( 150.00 V )	( 150.00 V )				
				500Hz	149.70 V ~ 150.30 V	( 150.00 V )	( 150.00 V )	( 150.00 V )	( 150.00 V )				
				1kHz	149.70 V ~ 150.30 V	( 150.00 V )	( 150.00 V )	( 150.00 V )	( 150.00 V )				
				5kHz	149.55 V ~ 150.45 V	( 150.01 V )	( 150.01 V )	( 150.01 V )	( 150.01 V )				
				10kHz	149.55 V ~ 150.45 V	( 150.04 V )	( 150.03 V )	( 150.04 V )	( 150.02 V )				
				100kHz	148.05 V ~ 151.95 V	( 150.04 V )	( 150.03 V )	( 150.04 V )	( 150.03 V )				
				110V	200kHz	80.00 V ~ 140.00 V	( 108.87 V )	( 108.88 V )	( 109.22 V )	( 108.90 V )			
				MEAN	150V	150V	60Hz	149.87 V ~ 150.13 V	( 150.00 V )	( 149.99 V )	( 149.99 V )	( 149.99 V )	
				(AC+DC)		1kHz	149.70 V ~ 150.30 V	( 150.00 V )	( 150.00 V )	( 150.00 V )	( 150.00 V )		
				-2.電流 <Current> (AC+DC)	RMS	5A	5A	10Hz	4.9925 A ~ 5.0075 A	( 5.0002 A )	( 5.0003 A )	( 5.0002 A )	( 5.0002 A )
								50Hz	4.9955 A ~ 5.0045 A	( 5.0002 A )	( 5.0002 A )	( 5.0002 A )	( 5.0001 A )
60Hz	4.9955 A ~ 5.0045 A	( 5.0003 A )	( 5.0004 A )					( 5.0003 A )	( 5.0003 A )				
100Hz	4.9900 A ~ 5.0100 A	( 5.0004 A )	( 5.0004 A )					( 5.0004 A )	( 5.0003 A )				
500Hz	4.9900 A ~ 5.0100 A	( 5.0004 A )	( 5.0004 A )					( 5.0004 A )	( 5.0003 A )				
1kHz	4.9900 A ~ 5.0100 A	( 5.0004 A )	( 5.0004 A )					( 5.0003 A )	( 5.0003 A )				
5kHz	4.9850 A ~ 5.0150 A	( 5.0008 A )	( 5.0008 A )					( 5.0008 A )	( 5.0009 A )				
10kHz	4.9850 A ~ 5.0150 A	( 5.0026 A )	( 5.0027 A )					( 5.0026 A )	( 5.0028 A )				
100kHz	4.9350 A ~ 5.0650 A	( 4.9760 A )	( 4.9762 A )					( 4.9722 A )	( 4.9672 A )				
200kHz	4.0000 A ~ 6.0000 A	( 4.7126 A )	( 4.7131 A )					( 4.6991 A )	( 4.6849 A )				
MEAN	5A	5A	60Hz					4.9955 A ~ 5.0045 A	( 5.0003 A )	( 5.0003 A )	( 5.0003 A )	( 5.0003 A )	
(AC+DC)		1kHz	4.9900 A ~ 5.0100 A	( 5.0003 A )	( 5.0003 A )	( 5.0003 A )	( 5.0003 A )						

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 <YYYY-MM-DD>

**6. 周波数特性<Frequency Characteristic>**

項目 <Item>	レクティファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3			
			<Volt/Curr./Pow.>	<Freq.>		CH1	CH2	CH3	CH4
-3.電力 <Power> (AC+DC)	RMS	150V 5A	150V,5A,750W	10Hz	748.88 W ~ 751.12 W	( 750.07 W)	( 750.06 W)	( 750.07 W)	( 750.05 W)
				50Hz	749.33 W ~ 750.67 W	( 750.04 W)	( 750.03 W)	( 750.03 W)	( 750.02 W)
				60Hz	749.33 W ~ 750.67 W	( 750.05 W)	( 750.04 W)	( 750.05 W)	( 750.04 W)
				100Hz	748.50 W ~ 751.50 W	( 750.05 W)	( 750.04 W)	( 750.04 W)	( 750.03 W)
				500Hz	748.50 W ~ 751.50 W	( 750.07 W)	( 750.06 W)	( 750.06 W)	( 750.05 W)
				1kHz	748.50 W ~ 751.50 W	( 750.04 W)	( 750.04 W)	( 750.04 W)	( 750.03 W)
	RMS (AC+DC)	15V 1A	15V,1A,15W	10Hz	14.978 W ~ 15.022 W	( 15.000 W)	( 15.000 W)	( 15.000 W)	( 15.000 W)
				50Hz	14.987 W ~ 15.013 W	( 14.998 W)	( 14.998 W)	( 14.998 W)	( 14.998 W)
				60Hz	14.987 W ~ 15.013 W	( 14.999 W)	( 14.999 W)	( 14.999 W)	( 14.998 W)
				100Hz	14.970 W ~ 15.030 W	( 15.000 W)	( 15.000 W)	( 15.000 W)	( 15.000 W)
				500Hz	14.970 W ~ 15.030 W	( 14.999 W)	( 14.999 W)	( 14.999 W)	( 14.999 W)
				1kHz	14.970 W ~ 15.030 W	( 14.998 W)	( 14.998 W)	( 14.998 W)	( 14.998 W)
				5kHz	14.955 W ~ 15.045 W	( 15.006 W)	( 15.006 W)	( 15.007 W)	( 15.006 W)

**7. LPF精度<LPF Accuracy>**

項目 <Item>	レクティファイア <Rect.>	レンジ <Range>	LPF	入力		許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3			
				<Volt/Curr.>	<Freq.>		CH1	CH2	CH3	CH4
-1.電圧 <Voltage> (AC+DC)	RMS	15V	500Hz	15V	60Hz	14.972 V ~ 15.028 V	( 15.003 V)	( 15.005 V)	( 15.001 V)	( 15.005 V)
				15V	500Hz	14.970 V ~ 15.030 V	( 15.003 V)	( 15.002 V)	( 15.004 V)	( 15.001 V)
				15V	20kHz	14.775 V ~ 15.225 V	( 15.001 V)	( 14.987 V)	( 15.001 V)	( 14.998 V)
-2.電流 <Current> (AC+DC)	RMS	5A	500Hz	5A	60Hz	4.9905 A ~ 5.0095 A	( 5.0012 A)	( 5.0011 A)	( 5.0012 A)	( 5.0015 A)
				5A	500Hz	4.9900 A ~ 5.0100 A	( 5.0011 A)	( 5.0014 A)	( 5.0011 A)	( 5.0007 A)
				5A	20kHz	4.9250 A ~ 5.0750 A	( 5.0025 A)	( 4.9982 A)	( 5.0000 A)	( 5.0000 A)

**8. 周波数測定<Frequency Measurement>**

項目 <Item>	レクティファイア <Rect.>	レンジ <Range>	入力<Input>		許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3			
			<Volt/Curr.>	<Freq.>		CH1	CH2	CH3	CH4
	RMS (AC+DC)	15V	15V	55Hz	54.990 Hz ~ 55.010 Hz	( 55.000 Hz)	( 55.000 Hz)	( 55.000 Hz)	( 55.000 Hz)
		1A	1A	55Hz	54.972 Hz ~ 55.028 Hz	( 55.001 Hz)	( 55.001 Hz)	( 55.001 Hz)	( 55.001 Hz)

検査成績表  
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8. D/A出力オプション アナログ出力精度<D/A Output Option Analog Output Accuracy>

項目 <Item>	出力基底値<Fiducial Value> <Volt>	許容範囲 <Tolerance>		校正値<Calibration Value> *3			
				CH1 - CH8		CH9 - CH16	
アナログ出力 <Analog Output>	+5V	4.9900 V ~ 5.0100 V		CH1( 5.0000 V)	CH9( 5.0000 V)	CH2( 4.9999 V)	CH10( 4.9996 V)
				CH3( 5.0000 V)	CH11( 4.9998 V)	CH4( 5.0001 V)	CH12( 4.9999 V)
				CH5( 5.0000 V)	CH13( 4.9995 V)	CH6( 4.9999 V)	CH14( 5.0000 V)
				CH7( 4.9999 V)	CH15( 4.9997 V)	CH8( 5.0000 V)	CH16( 4.9995 V)
				CH1( 1.9992 V)	CH9( 2.0003 V)	CH2( 1.9993 V)	CH10( 1.9996 V)
				CH3( 1.9988 V)	CH11( 2.0000 V)	CH4( 1.9996 V)	CH12( 1.9988 V)
				CH5( 1.9995 V)	CH13( 2.0001 V)	CH6( 1.9995 V)	CH14( 1.9996 V)
				CH7( 1.9989 V)	CH15( 1.9998 V)	CH8( 1.9993 V)	CH16( 1.9995 V)
	0V	-0.0100 V ~ 0.0100 V		CH1( -0.0011 V)	CH9( -0.0001 V)	CH2( -0.0011 V)	CH10( -0.0006 V)
				CH3( -0.0019 V)	CH11( -0.0002 V)	CH4( -0.0008 V)	CH12( -0.0008 V)
				CH5( -0.0010 V)	CH13( 0.0001 V)	CH6( -0.0006 V)	CH14( 0.0002 V)
				CH7( -0.0016 V)	CH15( -0.0004 V)	CH8( -0.0013 V)	CH16( -0.0001 V)
				CH1( -5.0020 V)	CH9( -4.9989 V)	CH2( -5.0020 V)	CH10( -4.9998 V)
				CH3( -5.0039 V)	CH11( -4.9991 V)	CH4( -5.0017 V)	CH12( -5.0007 V)
				CH5( -5.0020 V)	CH13( -4.9998 V)	CH6( -5.0010 V)	CH14( -5.0000 V)
				CH7( -5.0029 V)	CH15( -4.9995 V)	CH8( -5.0026 V)	CH16( -4.9983 V)
	-5V	-5.0100 V ~ -4.9900 V		CH1( -5.0020 V)	CH9( -4.9989 V)	CH2( -5.0020 V)	CH10( -4.9998 V)
				CH3( -5.0039 V)	CH11( -4.9991 V)	CH4( -5.0017 V)	CH12( -5.0007 V)
				CH5( -5.0020 V)	CH13( -4.9998 V)	CH6( -5.0010 V)	CH14( -5.0000 V)
				CH7( -5.0029 V)	CH15( -4.9995 V)	CH8( -5.0026 V)	CH16( -4.9983 V)

9. D/A出力オプション 波形出力精度<D/A Output Option Wave Output Accuracy>

項目 <Item>	レンジ <Range>	入力<Input> <Volt/Freq.>		許容範囲 <Tolerance>		校正値<Calibration Value> *3,*4			
						CH1 - CH4		CH5 - CH8	
波形出力 <Wave Output>	15V	15V	55Hz	1.9882 V ~ 2.0118 V		CH1( 2.0002 V)	CH5( 2.0001 V)	CH2( 2.0001 V)	CH6( 1.9998 V)
						CH3( 2.0006 V)	CH7( 2.0003 V)	CH4( 2.0001 V)	CH8( 2.0002 V)
						CH1( 2.0000 V)	CH5( 2.0001 V)	CH2( 2.0001 V)	CH6( 1.9998 V)
						CH3( 2.0005 V)	CH7( 2.0001 V)	CH4( 1.9999 V)	CH8( 2.0002 V)
	15V	15V	5kHz	1.9840 V ~ 2.0160 V		CH1( 2.0000 V)	CH5( 2.0001 V)	CH2( 2.0001 V)	CH6( 1.9998 V)
						CH3( 2.0005 V)	CH7( 2.0001 V)	CH4( 1.9999 V)	CH8( 2.0002 V)

備考<Note>

\*4. U1の波形出力を実効値(RMS)で確認 <Check RMS output of U1 waveform.>

波形出力: ON、D/A出力f.s.: 2V、入力: 正弦波

< Wave Output : On , D/A Output f.s. : 2V , Input : Sinusoid >

**検査成績表**  
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**10. モータ解析検査 電圧精度<Motor Testing Option Voltage Accuracy>**

項目 <Item>	レンジ <Range>		入力<Input> <Volt>	許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3		
	<LPF>				CHA	CHB	
アナログDC <Analog DC>	10V	OFF	+10V	9.982 V ~ 10.018 V	( 10.000 V)	( 10.000 V)	
			-10V	-10.018 V ~ -9.982 V	( -10.003 V)	( -10.002 V)	
			0V	0.000 V ~ 0.000 V	( 0.000 V)	( 0.000 V)	
	5V	OFF	+5V	4.9910 V ~ 5.0090 V	( 5.0004 V)	( 5.0002 V)	
			-5V	-5.0090 V ~ -4.9910 V	( -5.0011 V)	( -5.0012 V)	
			0V	0.0000 V ~ 0.0000 V	( 0.0000 V)	( 0.0000 V)	
	1V	ON	+1V	0.9982 V ~ 1.0018 V	( 1.0000 V)	( 1.0000 V)	
			OFF	+1V	0.9982 V ~ 1.0018 V	( 1.0000 V)	( 1.0000 V)
				+0.5V	0.4986 V ~ 0.5014 V	( 0.5000 V)	( 0.5000 V)
				+0.01V	0.0090 V ~ 0.0110 V	( 0.0100 V)	( 0.0099 V)
				+0V	0.0000 V ~ 0.0000 V	( 0.0000 V)	( 0.0000 V)
			-1V	-1.0018 V ~ -0.9982 V	( -1.0002 V)	( -1.0003 V)	

**11. モータ解析検査 周波数精度<Motor Testing Option Frequency Accuracy>**

項目 <Item>	検査CH <Inspection CH>	入力(矩形波) <Input (Square)> <Volt/Freq.>	許容範囲 <Tolerance>	校正値<Calibration Value> *1,*3	
				CHA	CHB
周波数 <Frequency>	CHA	Lo -5V, Hi +5V 15kHz	14.990 kHz ~ 15.010 kHz	( 15.000 kHz)	-
		Lo -5V, Hi +5V 90kHz	89.952 kHz ~ 90.048 kHz	( 90.000 kHz)	-
	CHB *5	Lo 0V, Hi +5V 10Hz	9.97 Hz ~ 10.03 Hz	-	( 10.00 Hz)
		Lo 0V, Hi +5V 1kHz	0.9992 kHz ~ 1.0008 kHz	-	( 1.0000 kHz)
	CHB *6	Lo 0V, Hi +5V 100kHz	3.9977 kHz ~ 4.0023 kHz	-	( 4.0000 kHz)

**備考<Note>**

・特に設定の明記のない場合、以下の設定で検査しています。

LPF:「OFF」、アベレージ:「OFF」

<Inspection settings are as follows except noted.

LPF: OFF, Averaging: OFF>

\*5. 分周比の設定 : 1分周 <Setting of rate of frequency-dividing: 1 frequency division>

\*6. 分周比の設定 : 25分周 <Setting of rate of frequency-dividing: 25 frequency divisions>