

SAMPLE

検査成績表  
<TEST REPORT>HIOKI  
HIOKI E. E. CORPORATION

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品名<Model Name> ( パワーアナライザ<POWER ANALYZER> )  
形名<Model Number> ( PW8001-12 )  
製造番号<Serial No.> ( No. 211143252 )  
検査年月日<Test Date> ( 2021-12-01 )  
( <YYYY-MM-DD> )  
検査条件<Test Conditions> ( 23.0 °C, 50 % RH )

## ユニット構成&lt;Unit Configuration&gt;

挿入チャンネル <Insert Channel>	形名 <Model Number>	製造番号 <Serial No.>
CH1	( U7005 )	( No. 211143257 )
CH2	( U7005 )	( No. 211143258 )
CH3	( U7005 )	( No. 211143259 )
CH4	( U7005 )	( No. 211143260 )
CH5	( U7001 )	( No. 211143253 )
CH6	( U7001 )	( No. 211143254 )
CH7	( U7001 )	( No. 211143255 )
CH8	( U7001 )	( No. 211143256 )

## 確度&lt;Accuracy&gt;

項目 <Item>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
-1. CLKチェック<Clock Check> 内部クロック(500kHz)<Internal Clock(500kHz)>	499.950 kHz ~ 500.050 kHz *2	( 500.002 kHz )

## 備考&lt;Note&gt;

\*1. FAIL判定箇所は、グレー表示としています。&lt;FAIL decision points are highlighted in gray.&gt;

\*2. 許容範囲は社内規格です。&lt;This tolerance is the internal standard.&gt;

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

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製造番号<Serial No.> ( No. 211143252 )  
 検査年月日<Test Date> ( 2021-12-01 )  
 <YYYY-MM-DD>

- モーター解析機能<Motor Analysis> -

項目 <Item>	レクティ ファイア <Rect>	チャンネル <Channel>	レンジ <Range>	LPF <LPF>	入力<Input> <Volt>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
-1. モーター解析機能 固有誤差<Motor Analysis - Inherent error>							
							<b>Motor</b>
動作モード: Indiv.、同期ソース: DC、入力設定: Analog <Mode: Indiv. , SyncSource: DC , Input Setting: Analog>							
DC	CHA	10V	OFF		10 V	9.9940 V ~ 10.0060 V	( 10.0000 V )
			OFF		-10 V	-10.0060 V ~ -9.9940 V	( -10.0003 V )
		5V	OFF		5 V	4.99700 V ~ 5.00300 V	( 5.00013 V )
			OFF		-5 V	-5.00300 V ~ -4.99700 V	( -4.99999 V )
		1V	ON		1 V	0.99940 V ~ 1.00060 V	( 0.99997 V )
			OFF		1 V	0.99940 V ~ 1.00060 V	( 0.99997 V )
			OFF		0.5 V	0.49955 V ~ 0.50045 V	( 0.50002 V )
			OFF		0.01 V	0.00970 V ~ 0.01030 V	( 0.00994 V )
			OFF		-1 V	-1.00060 V ~ -0.99940 V	( -1.00004 V )
	CHC	10V	OFF		10 V	9.9940 V ~ 10.0060 V	( 9.9999 V )
			OFF		-10 V	-10.0060 V ~ -9.9940 V	( -10.0003 V )
		5V	OFF		5 V	4.99700 V ~ 5.00300 V	( 4.99977 V )
			OFF		-5 V	-5.00300 V ~ -4.99700 V	( -5.00010 V )
		1V	ON		1 V	0.99940 V ~ 1.00060 V	( 0.99999 V )
			OFF		1 V	0.99940 V ~ 1.00060 V	( 1.00000 V )
			OFF		0.5 V	0.49955 V ~ 0.50045 V	( 0.50001 V )
			OFF		0.01 V	0.00970 V ~ 0.01030 V	( 0.01005 V )
			OFF		-1 V	-1.00060 V ~ -0.99940 V	( -1.00003 V )
	CHE	10V	OFF		10 V	9.9940 V ~ 10.0060 V	( 9.9996 V )
			OFF		-10 V	-10.0060 V ~ -9.9940 V	( -10.0003 V )
		5V	OFF		5 V	4.99700 V ~ 5.00300 V	( 5.00005 V )
			OFF		-5 V	-5.00300 V ~ -4.99700 V	( -5.00002 V )
		1V	ON		1 V	0.99940 V ~ 1.00060 V	( 0.99999 V )
			OFF		1 V	0.99940 V ~ 1.00060 V	( 1.00000 V )
			OFF		0.5 V	0.49955 V ~ 0.50045 V	( 0.49999 V )
			OFF		0.01 V	0.00970 V ~ 0.01030 V	( 0.00994 V )
			OFF		-1 V	-1.00060 V ~ -0.99940 V	( -0.99999 V )
	CHG	10V	OFF		10 V	9.9940 V ~ 10.0060 V	( 9.9999 V )
			OFF		-10 V	-10.0060 V ~ -9.9940 V	( -10.0000 V )
		5V	OFF		5 V	4.99700 V ~ 5.00300 V	( 4.99994 V )
			OFF		-5 V	-5.00300 V ~ -4.99700 V	( -5.00023 V )
		1V	ON		1 V	0.99940 V ~ 1.00060 V	( 0.99997 V )
			OFF		1 V	0.99940 V ~ 1.00060 V	( 0.99998 V )
			OFF		0.5 V	0.49955 V ~ 0.50045 V	( 0.49999 V )
			OFF		0.01 V	0.00970 V ~ 0.01030 V	( 0.00997 V )
			OFF		-1 V	-1.00060 V ~ -0.99940 V	( -1.00001 V )

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 <YYYY-MM-DD>

項目 <Item>	レクティ ファイア <Rect>	チャンネル <Channel>	上限 周波数 <UpperLimit>	入力<Input> <Low/High/Duty/Freq.>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
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-2. モーター解析機能 周波数<Motor Analysis - Frequency>

**Motor**

動作モード: Indiv.、同期ソース: DC、PNF: OFF、入力設定: Pulse  
 <Mode: Indiv. , SyncSource: DC , PNF: OFF , Input Setting: Pulse>

CHA	5kHz	0V,5V,50%,2kHz	1.99980 kHz ~ 2.00020 kHz	( 1.99998 kHz )
	2MHz	0V,5V,50%,1MHz	0.99990 MHz ~ 1.00010 MHz	( 0.99999 MHz )
	2MHz	0.8V,2V,50%,2MHz	1.99980 MHz ~ 2.00020 MHz	( 1.99998 MHz )
CHB	5kHz	0V,5V,50%,2kHz	1.99980 kHz ~ 2.00020 kHz	( 1.99998 kHz )
	2MHz	0V,5V,50%,1MHz	0.99990 MHz ~ 1.00010 MHz	( 0.99999 MHz )
	2MHz	0.8V,2V,50%,2MHz	1.99980 MHz ~ 2.00020 MHz	( 1.99998 MHz )
CHC	5kHz	0V,5V,50%,2kHz	1.99980 kHz ~ 2.00020 kHz	( 1.99998 kHz )
	2MHz	0V,5V,50%,1MHz	0.99990 MHz ~ 1.00010 MHz	( 0.99999 MHz )
	2MHz	0.8V,2V,50%,2MHz	1.99980 MHz ~ 2.00020 MHz	( 1.99998 MHz )
CHD	5kHz	0V,5V,50%,2kHz	1.99980 kHz ~ 2.00020 kHz	( 1.99998 kHz )
	2MHz	0V,5V,50%,1MHz	0.99990 MHz ~ 1.00010 MHz	( 0.99999 MHz )
	2MHz	0.8V,2V,50%,2MHz	1.99980 MHz ~ 2.00020 MHz	( 1.99998 MHz )
CHE	5kHz	0V,5V,50%,2kHz	1.99980 kHz ~ 2.00020 kHz	( 1.99998 kHz )
	2MHz	0V,5V,50%,1MHz	0.99990 MHz ~ 1.00010 MHz	( 0.99999 MHz )
	2MHz	0.8V,2V,50%,2MHz	1.99980 MHz ~ 2.00020 MHz	( 1.99998 MHz )
CHF	5kHz	0V,5V,50%,2kHz	1.99980 kHz ~ 2.00020 kHz	( 1.99998 kHz )
	2MHz	0V,5V,50%,1MHz	0.99990 MHz ~ 1.00010 MHz	( 0.99999 MHz )
	2MHz	0.8V,2V,50%,2MHz	1.99980 MHz ~ 2.00020 MHz	( 1.99998 MHz )
CHG	5kHz	0V,5V,50%,2kHz	1.99980 kHz ~ 2.00020 kHz	( 1.99998 kHz )
	2MHz	0V,5V,50%,1MHz	0.99990 MHz ~ 1.00010 MHz	( 0.99999 MHz )
	2MHz	0.8V,2V,50%,2MHz	1.99980 MHz ~ 2.00020 MHz	( 1.99998 MHz )
CHH	5kHz	0V,5V,50%,2kHz	1.99980 kHz ~ 2.00020 kHz	( 1.99998 kHz )
	2MHz	0V,5V,50%,1MHz	0.99990 MHz ~ 1.00010 MHz	( 0.99999 MHz )
	2MHz	0.8V,2V,50%,2MHz	1.99980 MHz ~ 2.00020 MHz	( 1.99998 MHz )

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 <YYYY-MM-DD>

- D/A出力機能<D/A Output> -

項目 <Item>	チャンネル <Channel>	フルスケール <Full Scale>	出力基底値 <Fiduciary Value>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
-1. D/A出力 アナログ出力 <D/A Output - Analog Output>					<b>D/A Output</b>
データ更新レート(出力更新レート):50ms < Data Update Time : 50ms >					
1CH	5V	5V	5 V	4.9900 V ~ 5.0100 V	( 4.9998 V )
	5V	0.5V	0.5 V	0.4990 V ~ 0.5100 V	( 0.4998 V )
	5V	0V	0 V	-0.0100 V ~ 0.0100 V	( 0.0000 V )
2CH	5V	5V	-5 V	-5.0100 V ~ -4.9900 V	( -5.0000 V )
	5V	0.5V	5 V	4.9900 V ~ 5.0100 V	( 4.9999 V )
	5V	0.5V	0.5 V	0.4990 V ~ 0.5100 V	( 0.4999 V )
3CH	5V	0V	0 V	-0.0100 V ~ 0.0100 V	( 0.0000 V )
	5V	5V	-5 V	-5.0100 V ~ -4.9900 V	( -4.9999 V )
	5V	0.5V	5 V	4.9900 V ~ 5.0100 V	( 4.9999 V )
4CH	5V	0.5V	0.5 V	0.4990 V ~ 0.5100 V	( 0.4998 V )
	5V	0V	0 V	-0.0100 V ~ 0.0100 V	( 0.0000 V )
	5V	5V	-5 V	-5.0100 V ~ -4.9900 V	( -5.0000 V )
5CH	5V	5V	5 V	4.9900 V ~ 5.0100 V	( 5.0000 V )
	5V	0.5V	0.5 V	0.4990 V ~ 0.5100 V	( 0.4998 V )
	5V	0V	0 V	-0.0100 V ~ 0.0100 V	( 0.0000 V )
6CH	5V	5V	-5 V	-5.0100 V ~ -4.9900 V	( -5.0000 V )
	5V	0.5V	5 V	4.9900 V ~ 5.0100 V	( 4.9999 V )
	5V	0.5V	0.5 V	0.4990 V ~ 0.5100 V	( 0.4998 V )
7CH	5V	0V	0 V	-0.0100 V ~ 0.0100 V	( 0.0000 V )
	5V	5V	-5 V	-5.0100 V ~ -4.9900 V	( -4.9999 V )
	5V	0.5V	5 V	4.9900 V ~ 5.0100 V	( 5.0001 V )
8CH	5V	0.5V	0.5 V	0.4990 V ~ 0.5100 V	( 0.5000 V )
	5V	0V	0 V	-0.0100 V ~ 0.0100 V	( 0.0001 V )
	5V	5V	-5 V	-5.0100 V ~ -4.9900 V	( -4.9998 V )
9CH	5V	5V	5 V	4.9900 V ~ 5.0100 V	( 4.9998 V )
	5V	0.5V	0.5 V	0.4990 V ~ 0.5100 V	( 0.4999 V )
	5V	0V	0 V	-0.0100 V ~ 0.0100 V	( 0.0001 V )
10CH	5V	5V	-5 V	-5.0100 V ~ -4.9900 V	( -4.9999 V )
	5V	0.5V	5 V	4.9900 V ~ 5.0100 V	( 4.9999 V )
	5V	0.5V	0.5 V	0.4990 V ~ 0.5100 V	( 0.4999 V )
11CH	5V	0V	0 V	-0.0100 V ~ 0.0100 V	( 0.0000 V )
	5V	5V	-5 V	-5.0100 V ~ -4.9900 V	( -5.0001 V )
	5V	5V	5 V	4.9900 V ~ 5.0100 V	( 5.0000 V )

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 <YYYY-MM-DD>

項目 <Item>	チャンネル <Channel>	フルスケール <Full Scale>	出力基底値 <Fiduciary Value>	許容範囲 <Tolerance>			校正値 *1 <Calibration Value>
				<b>D/A Output</b>			
	12CH	5V	5 V	4.9900 V	~	5.0100 V	( 4.9999 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.5000 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( 0.0000 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -5.0000 V )
	13CH	5V	5 V	4.9900 V	~	5.0100 V	( 5.0000 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.5000 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( 0.0000 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -5.0001 V )
	14CH	5V	5 V	4.9900 V	~	5.0100 V	( 4.9998 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.4999 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( 0.0001 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -4.9999 V )
	15CH	5V	5 V	4.9900 V	~	5.0100 V	( 4.9999 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.4999 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( 0.0000 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -5.0001 V )
	16CH	5V	5 V	4.9900 V	~	5.0100 V	( 4.9998 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.5000 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( 0.0001 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -4.9998 V )
	17CH	5V	5 V	4.9900 V	~	5.0100 V	( 5.0001 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.5000 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( 0.0000 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -4.9999 V )
	18CH	5V	5 V	4.9900 V	~	5.0100 V	( 5.0000 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.5000 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( 0.0000 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -5.0000 V )
	19CH	5V	5 V	4.9900 V	~	5.0100 V	( 4.9999 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.4998 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( -0.0001 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -4.9999 V )
	20CH	5V	5 V	4.9900 V	~	5.0100 V	( 4.9998 V )
		5V	0.5 V	0.4990 V	~	0.5100 V	( 0.5000 V )
		5V	0 V	-0.0100 V	~	0.0100 V	( 0.0001 V )
		5V	-5 V	-5.0100 V	~	-4.9900 V	( -4.9997 V )

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項目 <Item>	チャンネル <Channel>	入力電圧 <Input Voltage>	周波数 <Frequency>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
-2. D/A出力 波形出力 <D/A Output - Wave Output>					<b>D/A Output</b>
波形出力: ON、D/A出力f.s.: 2V、入力: 正弦波、入力レンジ: 15V					
< Wave Output : On , D/A Output f.s. : 2V , Input : Sinusoid , Input Range : 15V >					
1CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99972 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99375 V )
2CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99972 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99395 V )
3CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99972 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99395 V )
4CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99967 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99325 V )
5CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99970 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99344 V )
6CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99973 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99375 V )
7CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99976 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99384 V )
8CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99965 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99370 V )
9CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99968 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99367 V )
10CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99975 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99398 V )
11CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99971 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99376 V )
12CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99971 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99376 V )
13CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99975 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99362 V )
14CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99973 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99350 V )
15CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99972 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99715 V )
16CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99963 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99673 V )
17CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99973 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99666 V )
18CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99974 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99650 V )
19CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99965 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99619 V )
20CH		15V	50 Hz	1.98940 V ~ 2.01060 V	( 1.99966 V )
		15V	50 kHz	1.98700 V ~ 2.01300 V	( 1.99636 V )