

SAMPLE

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

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品名<Model Name> (C/ハイテスタ<C HiTESTER>)
形名<Model Number> (3504)
製造番号<Serial No.> (No. 080607703)
検査年月日<Test Date> (2008-06-09)
(<YYYY-MM-DD>)
検査条件<Test Conditions> (24.7 °C, 51 %rh)

項目 <Item>	設定値 <Setup Value>	標準器 <Standard>	許容範囲 <Tolerance>	測定値 <Measured Value>
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確度<Accuracy>

測定信号レベル<Measurement signal level>

120Hz	500 mV	—	445.00 mV ~ 555.00 mV	(490.48 mV)
	1 V	—	0.8950 V ~ 1.1050 V	(0.9755 V)
1kHz	500 mV	—	445.00 mV ~ 555.00 mV	(501.94 mV)
	1 V	—	0.8950 V ~ 1.1050 V	(0.9983 V)

測定周波数<Measurement frequency>

120Hz	1 V	—	119.988 Hz ~ 120.012 Hz	(120.001 Hz)
1kHz	1 V	—	0.99990 kHz ~ 1.00010 kHz	(1.00001 kHz)

備考<Note>

*1.測定スピード:SLOW、ケーブル:0m <Speed:SLOW Cable:0m>

許容範囲は、取扱説明書記載の確度保証期間6ヶ月の仕様により算出しました。

<The tolerance range is derived from the specifications stated in the instruction manual for Model 3504 as it pertains to instrument accuracy within the guaranteed accuracy period of 6 months.>

FAIL判定箇所は、グレー表示としています。<FAIL decision points are highlighted in gray.>

標準器校正値を使用しているポイントの許容範囲は、標準器校正値を基準に定めています。

<The tolerance for each point using the standard calibration value is based on the standard calibration value.>

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

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 <YYYY-MM-DD>

項目 <Item>	設定値 <Setup Value>	標準器(標準器校正値) <Standard>(<Std. Cal. Value>)	許容範囲 <Tolerance>	表示値 <Indicated Value>
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確度<Accuracy> *1

(Sample: 1pF)

1kHz 1V Range1 C 1pF (1.0000 pF) 0.9681 pF ~ 1.0320 pF (0.9985 pF)
 D (0.00000) -0.26198 ~ 0.26198 (0.00565)

1kHz 500mV Range1 C 1pF (1.0000 pF) 0.9681 pF ~ 1.0320 pF (0.9974 pF)
 D (0.00000) -0.26198 ~ 0.26198 (0.00721)

(Sample: 10pF)

120Hz 1V Range1 C 10pF (9.9990 pF) 9.679 pF ~ 10.318 pF (9.984 pF)
 D (0.00000) -0.21202 ~ 0.21202 (0.00260)

120Hz 500mV Range1 C 10pF (9.9990 pF) 9.679 pF ~ 10.318 pF (9.999 pF)
 D (0.00000) -0.21202 ~ 0.21202 (0.00263)

1kHz 1V Range1 C 10pF (9.9990 pF) 9.9490 pF ~ 10.0489 pF (9.9943 pF)
 D (0.00000) -0.03700 ~ 0.03700 (0.00072)

1kHz 500mV Range1 C 10pF (9.9990 pF) 9.9490 pF ~ 10.0489 pF (9.9910 pF)
 D (0.00000) -0.03700 ~ 0.03700 (0.00086)

(Sample: 100pF)

120Hz 1V Range1 C 100pF (99.992 pF) 99.493 pF ~ 100.492 pF (99.961 pF)
 D (0.00000) -0.03200 ~ 0.03200 (0.00002)

120Hz 500mV Range1 C 100pF (99.992 pF) 99.493 pF ~ 100.492 pF (99.972 pF)
 D (0.00000) -0.03200 ~ 0.03200 (0.00004)

1kHz 1V Range2 C 100pF (99.992 pF) 99.733 pF ~ 100.252 pF (99.992 pF)
 D (0.00000) -0.00465 ~ 0.00465 (0.00007)

1kHz 500mV Range2 C 100pF (99.992 pF) 99.733 pF ~ 100.252 pF (99.987 pF)
 D (0.00000) -0.00465 ~ 0.00465 (0.00008)

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項目 <Item>	設定値 <Setup Value>	標準器(標準器校正値) <Standard>(<Std. Cal. Value>)	許容範囲 <Tolerance>	表示値 <Indicated Value>
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確度<Accuracy> *1

(Sample: 1nF)

120Hz	1V	Range2	C	1nF	(0.99993 nF)	0.99733 nF	~ 1.00252 nF	(1.00002 nF)
			D		(0.00000)	-0.00420	~ 0.00420	(0.00002)
120Hz	500mV	Range2	C	1nF	(0.99993 nF)	0.99733 nF	~ 1.00252 nF	(1.00002 nF)
			D		(0.00000)	-0.00420	~ 0.00420	(0.00002)
1kHz	1V	Range3	C	1nF	(0.99993 nF)	0.99833 nF	~ 1.00152 nF	(0.99998 nF)
			D		(0.00000)	-0.00360	~ 0.00360	(0.00000)
1kHz	500mV	Range3	C	1nF	(0.99993 nF)	0.99833 nF	~ 1.00152 nF	(0.99995 nF)
			D		(0.00000)	-0.00360	~ 0.00360	(0.00001)

(Sample: 10nF)

120Hz	1V	Range3	C	10nF	(10.0001 nF)	9.9821 nF	~ 10.0180 nF	(10.0010 nF)
			D		(0.00003)	-0.00357	~ 0.00362	(0.00001)
120Hz	500mV	Range3	C	10nF	(10.0001 nF)	9.9821 nF	~ 10.0180 nF	(10.0010 nF)
			D		(0.00003)	-0.00357	~ 0.00362	(0.00000)
1kHz	1V	Range4	C	10nF	(9.9997 nF)	9.9852 nF	~ 10.0141 nF	(10.0011 nF)
			D		(0.00003)	-0.00197	~ 0.00202	(0.00003)
1kHz	500mV	Range4	C	10nF	(9.9997 nF)	9.9852 nF	~ 10.0141 nF	(10.0010 nF)
			D		(0.00003)	-0.00197	~ 0.00202	(0.00003)

(Sample: 100nF)

120Hz	1V	Range4	C	100nF	(100.005 nF)	99.840 nF	~ 100.170 nF	(100.025 nF)
			D		(0.00004)	-0.00196	~ 0.00203	(0.00001)
120Hz	500mV	Range4	C	100nF	(100.005 nF)	99.840 nF	~ 100.170 nF	(100.024 nF)
			D		(0.00004)	-0.00196	~ 0.00203	(0.00001)
1kHz	1V	Range5	C	100nF	(100.002 nF)	99.857 nF	~ 100.146 nF	(100.006 nF)
			D		(0.00003)	-0.00157	~ 0.00162	(0.00000)
1kHz	500mV	Range5	C	100nF	(100.002 nF)	99.857 nF	~ 100.146 nF	(100.005 nF)
			D		(0.00003)	-0.00157	~ 0.00162	(0.00000)

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項目 <Item>	設定値 <Setup Value>	標準器(標準器校正値) <Standard>(<Std. Cal. Value>)	許容範囲 <Tolerance>	表示値 <Indicated Value>
確度<Accuracy> *1				
(Sample: 1 μ F)				
120Hz	1V Range5	C 1 μ F (0.99999 μ F)	0.99834 μ F ~ 1.00163 μ F	(1.00005 μ F)
		D (0.00004) -0.00156	~ 0.00163	(0.00001)
120Hz	500mV Range5	C 1 μ F (0.99999 μ F)	0.99834 μ F ~ 1.00163 μ F	(1.00005 μ F)
		D (0.00004) -0.00156	~ 0.00163	(0.00002)
1kHz	1V Range6	C 1 μ F (0.99996 μ F)	0.99897 μ F ~ 1.00096 μ F	(0.99992 μ F)
		D (0.00006) -0.00154	~ 0.00165	(0.00005)
1kHz	500mV Range6	C 1 μ F (0.99996 μ F)	0.99897 μ F ~ 1.00096 μ F	(0.99994 μ F)
		D (0.00006) -0.00154	~ 0.00165	(0.00002)
(Sample: 10 μ F)				
120Hz	1V Range6	C 10 μ F (9.9993 μ F)	9.9829 μ F ~ 10.0157 μ F	(9.9993 μ F)
		D (0.00008) -0.00192	~ 0.00207	(0.00001)
120Hz	500mV Range6	C 10 μ F (9.9993 μ F)	9.9829 μ F ~ 10.0157 μ F	(9.9993 μ F)
		D (0.00008) -0.00192	~ 0.00207	(0.00001)
1kHz	1V Range7	C 10 μ F (9.9987 μ F)	9.9843 μ F ~ 10.0131 μ F	(9.9994 μ F)
		D (0.00021) -0.00279	~ 0.00320	(0.00008)
1kHz	500mV Range7	C 10 μ F (9.9987 μ F)	9.9843 μ F ~ 10.0131 μ F	(9.9995 μ F)
		D (0.00021) -0.00279	~ 0.00320	(0.00006)
1kHz	1V Range8	C 10 μ F (9.9987 μ F)	9.889 μ F ~ 10.108 μ F	(9.994 μ F)
		D (0.00021) -0.00479	~ 0.00520	(0.00082)
(Sample: 100 μ F)				
120Hz	1V Range7	C 100 μ F (99.974 μ F)	99.705 μ F ~ 100.243 μ F	(99.886 μ F)
		D (0.00030) -0.00319	~ 0.00380	(0.00056)
120Hz	500mV Range7	C 100 μ F (99.974 μ F)	99.705 μ F ~ 100.243 μ F	(99.887 μ F)
		D (0.00030) -0.00319	~ 0.00380	(0.00057)
120Hz	1V Range8	C 100 μ F (99.974 μ F)	98.725 μ F ~ 101.223 μ F	(99.860 μ F)
		D (0.00030) -0.00569	~ 0.00630	(0.00175)
120Hz	500mV Range8	C 100 μ F (99.974 μ F)	0.09828 mF ~ 0.10167 mF	(0.09986 mF)
		D (0.00030) -0.00569	~ 0.00630	(0.00179)
1kHz	500mV Range8	C 100 μ F (99.887 μ F)	99.148 μ F ~ 100.626 μ F	(99.829 μ F)
		D (0.00301) -0.00198	~ 0.00801	(0.00148)
1kHz	1V Range9	C 100 μ F (99.887 μ F)	99.148 μ F ~ 100.626 μ F	(99.820 μ F)
		D (0.00301) -0.00198	~ 0.00801	(0.00141)
1kHz	500mV Range9	C 100 μ F (99.887 μ F)	99.148 μ F ~ 100.626 μ F	(99.818 μ F)
		D (0.00301) -0.00198	~ 0.00801	(0.00145)