cal equipment

Fluke 5790A

Manufacturer	FLUKE	Calibration date	6 March 2025
Model Number	5790A	Ambient Temperature	+23.6 °C
Serial	AF/8155033	Relative Humidity	19 RH%
ID Number	Calibration test	Pressure	1000.40 hPa
Notes	Test postcal, H1 source	Test type	Front inputs, N-N Input1, INPUT2 for DC

This report provides calibration data solely for performance evaluation purposes.
It is important to note that this report is not accredited documentation and therefore cannot be used as such. For ANSI Z540-1 or ISO 17025 accredited calibration, please contact your preferred commercial calibration facility or instrument manufacturer.
DUT 5790A is tested against the 792A/5720A specifications with 95% confidence.

Prior to the calibration of the DMM, the calibrator and reference standards were checked and recalibrated following the instrument's recommended guidelines. ACAL ALL was performed before the calibration process.
This DUT was NOT adjusted before calibration. This calibration report shall not be reproduced, except in full. The documented results pertain solely to the equipment under test at the time of calibration.

Reference standard	Mfg	Model	Options	Serial / Unc	CEID	Calibration date	Due date
AC STD	Fluke	792A	NL	2069001	NL1	06/11/2012	06/11/2013
AC STD	Fluke	792A		5085003	XDEVS	10/29/2015	10/29/2016
AC STD HV	Fluke	792A-7002		5045005	XDEVS	08/19/2024	08/19/2025
MFC	Fluke	5720A	HLK	H1	XHC1	01/05/2025	02/05/2025
Amplifier	Fluke	5725A		5930005	XHB1	01/05/2025	02/05/2025
MFC	Fluke	5720A	HLK	H2	XHC2	02/22/2025	08/22/2025
DC STD	xDevs.com	792X[2]	9.9999763 VDC ±0.8 ppm	X102	XD01	XBANK DATA	XBANK DATA
STDR	ESI	SR104	10000.0025 kΩ±0.2 ppm	G202088930104	XR01	08/02/2024	08/02/2025
STDR	xDevs.com/Fluke	SL935	1.00006354 Ω ±0.4 ppm		XR03	08/04/2024	09/04/2024
STDR	xDevs.com/Fluke	SL935	9999.9775 kΩ ±0.25 ppm		XR02	08/02/2024	08/02/2025
DMM	HP	3458A	001,X02	MY45040325	XD2	PROCESS	PROCESS
DMM	HP	3458A	001,X02	Process DMM	XD3	PROCESS	PROCESS
DVM	HP	34420A		US36000874	XN2	02/01/2025	01/02/2026
Null-meter	Keithley	155		25499	XD49	SELF_CAL	SELF_CAL
Divider	Fluke	752A		4295200	XR01	SELF_CAL	SELF_CAL
1:100 attenuator	xDevs.com	XDF1	X101	4950/50	XD06	SELF_CAL	SELF_CAL
ARB	Keysight	33522B	MEM,IQP,OCX,GPIB	MY52806638	XG05	PROCESS	PROCESS

Total uncertainty of each calibration point calculated with RSS

$$U_{95\%} = \sqrt{U_{SRC}{}^2 + U_{DUT}{}^2} * 2$$

Test procedure : Build 3154

Source procedure : Build 3154

Precision VDC performance test relative to 5720A calibrator standard. Checks calibration on INPUT 2 with all ranges.
The following test for the gain error in averaged DC voltage. Using 24 hour specification of 5720A combined with 5790A 90-day specification.

INPUT2 DCV AVG Test	Measured Value	Source uncertainty	Low Limit	Hi limit	Measured deviation	90d spec	Result
60 mVDC (70 mV Range)	**0.06000095**	10.7 µV/V	0.059996932	0.060003068	15.8 µV/V	50.0 µV/V	**PASS** 30.97 %
60 mVDC (220 mV Range)	**0.0600001**	10.7 µV/V	0.059997689	0.060002311	1.7 µV/V	37.0 µV/V	**PASS** 4.33 %
100 mVDC (220 mV Range)	**0.0999999**	8.0 µV/V	0.099996215	0.10000379	-1.0 µV/V	37.0 µV/V	**PASS** 2.64 %
200 mVDC (220 mV Range)	**0.2000000**	6.0 µV/V	0.1999925	0.2000075	0.0 µV/V	37.0 µV/V	**PASS** 0.00 %
200 mVDC (700 mV Range)	**0.2000085**	6.0 µV/V	0.19999368	0.20000632	42.5 µV/V	31.0 µV/V	**FAIL** 134.60 %
600 mVDC (700 mV Range)	**0.600003**	4.2 µV/V	0.59998123	0.60001877	5.0 µV/V	31.0 µV/V	**PASS** 15.98 %
0.6 VDC (2.2 V Range)	**0.6000015**	4.2 µV/V	0.59998656	0.60001344	2.5 µV/V	22.0 µV/V	**PASS** 11.16 %
1.0 VDC (2.2 V Range)	**1.000003**	3.7 µV/V	0.99997769	1.0000223	3.0 µV/V	22.0 µV/V	**PASS** 13.45 %
2.0 VDC (2.2 V Range)	**2.0000045**	3.3 µV/V	1.9999555	2.0000445	2.3 µV/V	22.0 µV/V	**PASS** 10.11 %
2.0 VDC (7 V Range)	**1.999995**	3.3 µV/V	1.9999555	2.0000445	-2.5 µV/V	22.0 µV/V	**PASS** 11.24 %
3.0 VDC (7 V Range)	**2.99999**	2.8 µV/V	2.9999335	3.0000665	-3.3 µV/V	22.0 µV/V	**PASS** 15.03 %
6.0 VDC (7 V Range)	**5.999975**	2.4 µV/V	5.9998672	6.0001328	-4.2 µV/V	22.0 µV/V	**PASS** 18.83 %
6 VDC (22 V Range)	**5.999955**	2.4 µV/V	5.9998493	6.0001507	-7.5 µV/V	25.0 µV/V	**PASS** 29.86 %
10 VDC (22 V Range)	**9.99996**	2.3 µV/V	9.9997489	10.000251	-4.0 µV/V	25.0 µV/V	**PASS** 15.93 %
20 VDC (22 V Range)	**19.999945**	2.2 µV/V	19.999498	20.000502	-2.7 µV/V	25.0 µV/V	**PASS** 10.96 %
20 VDC (70 V Range)	**20.000000**	2.2 µV/V	19.999398	20.000602	0.0 µV/V	30.0 µV/V	**PASS** 0.00 %
60.0 VDC (70 V Range)	**59.99985**	3.7 µV/V	59.998186	60.001814	-2.5 µV/V	30.0 µV/V	**PASS** 8.27 %
60 VDC (220 V Range)	**59.9996**	3.7 µV/V	59.998246	60.001754	-6.7 µV/V	29.0 µV/V	**PASS** 22.80 %
100 VDC (220 V Range)	**99.99965**	3.4 µV/V	99.99708	100.00292	-3.5 µV/V	29.0 µV/V	**PASS** 11.99 %
200 VDC (220 V Range)	**199.9999**	3.2 µV/V	199.99416	200.00584	-0.5 µV/V	29.0 µV/V	**PASS** 1.71 %
200 VDC (700 V Range)	**200.001**	3.2 µV/V	199.99217	200.00783	5.0 µV/V	39.0 µV/V	**PASS** 12.78 %
300 VDC (700 V Range)	**300.0015**	5.3 µV/V	299.98819	300.01181	5.0 µV/V	39.0 µV/V	**PASS** 12.70 %
600 VDC (700 V Range)	**600.002**	4.7 µV/V	599.97643	600.02357	3.3 µV/V	39.0 µV/V	**PASS** 8.49 %
600 VDC (1000 V Range)	**600.002**	4.7 µV/V	599.97762	600.02238	3.3 µV/V	37.0 µV/V	**PASS** 8.94 %
1000 VDC (1000 V Range)	**1000.005**	4.4 µV/V	999.96274	1000.0373	5.0 µV/V	37.0 µV/V	**PASS** 13.42 %

Precision VAC Ranges performance test relative to 792A AC/DC standard. Checks calibration on 0.22 V range.
The following test for the gain error in AC voltage using Fluke 792A as reference. Using 1 year 792A certificate specification combined with 5790A 90-day specification.

Test Description	Measured Value	F5720A 24h			Ref/measured	F5790A spec	Test Status
INPUT1 ACV Test	60 mV - 210 mV	792A Uncertainty	Lower Limit	Upper Limit	Deviation	90d spec	Result
60 mV (220 mV RNG), 10.0 Hz	**0.0599905**	150 µV/V	0.059983272	0.060016728	-158 µV/V	235 µV/V	**PASS** 56.79 % of 279 µV/V
60 mV (220 mV RNG), 14.99 Hz	**0.0599994**	125 µV/V	0.059984029	0.060015971	-10 µV/V	235 µV/V	**PASS** 3.76 % of 266 µV/V
60 mV (220 mV RNG), 20.0 Hz	**0.0600014**	100 µV/V	0.059991125	0.060008875	23 µV/V	109 µV/V	**PASS** 15.77 % of 148 µV/V
60 mV (220 mV RNG), 40.0 Hz	**0.0600010**	70 µV/V	0.059994389	0.060005611	17 µV/V	62 µV/V	**PASS** 17.82 % of 94 µV/V
60 mV (220 mV RNG), 50.0 Hz	**0.0600009**	65 µV/V	0.05999461	0.06000539	15 µV/V	62 µV/V	**PASS** 16.70 % of 90 µV/V
60 mV (220 mV RNG), 60.0 Hz	**0.0600006**	55 µV/V	0.059995027	0.060004973	10 µV/V	62 µV/V	**PASS** 12.07 % of 83 µV/V
60 mV (220 mV RNG), 100.0 Hz	**0.0600012**	50 µV/V	0.059995221	0.060004779	20 µV/V	62 µV/V	**PASS** 25.11 % of 80 µV/V
60 mV (220 mV RNG), 200.0 Hz	**0.0600008**	50 µV/V	0.059995221	0.060004779	13 µV/V	62 µV/V	**PASS** 16.74 % of 80 µV/V
60 mV (220 mV RNG), 400.0 Hz	**0.0600012**	50 µV/V	0.059995221	0.060004779	20 µV/V	62 µV/V	**PASS** 25.11 % of 80 µV/V
60 mV (220 mV RNG), 1.0 kHz	**0.0600009**	50 µV/V	0.059995221	0.060004779	15 µV/V	62 µV/V	**PASS** 18.83 % of 80 µV/V
60 mV (220 mV RNG), 2.0 kHz	**0.0600011**	50 µV/V	0.059995221	0.060004779	18 µV/V	62 µV/V	**PASS** 23.02 % of 80 µV/V
60 mV (220 mV RNG), 3.0 kHz	**0.0600010**	50 µV/V	0.059995221	0.060004779	17 µV/V	62 µV/V	**PASS** 20.93 % of 80 µV/V
60 mV (220 mV RNG), 4.0 kHz	**0.0600011**	50 µV/V	0.059995221	0.060004779	18 µV/V	62 µV/V	**PASS** 23.02 % of 80 µV/V
60 mV (220 mV RNG), 5.0 kHz	**0.0600012**	50 µV/V	0.059995221	0.060004779	20 µV/V	62 µV/V	**PASS** 25.11 % of 80 µV/V
60 mV (220 mV RNG), 6.25 kHz	**0.0600013**	50 µV/V	0.059995221	0.060004779	22 µV/V	62 µV/V	**PASS** 27.20 % of 80 µV/V
60 mV (220 mV RNG), 8.0 kHz	**0.0600012**	50 µV/V	0.059995221	0.060004779	20 µV/V	62 µV/V	**PASS** 25.11 % of 80 µV/V
60 mV (220 mV RNG), 10.0 kHz	**0.0600013**	50 µV/V	0.059995221	0.060004779	22 µV/V	62 µV/V	**PASS** 27.20 % of 80 µV/V
60 mV (220 mV RNG), 15.0 kHz	**0.0600014**	50 µV/V	0.059995221	0.060004779	23 µV/V	62 µV/V	**PASS** 29.30 % of 80 µV/V
60 mV (220 mV RNG), 20.0 kHz	**0.0600016**	50 µV/V	0.059995221	0.060004779	27 µV/V	62 µV/V	**PASS** 33.48 % of 80 µV/V
60 mV (220 mV RNG), 30.0 kHz	**0.0600018**	75 µV/V	0.059992404	0.060007596	30 µV/V	102 µV/V	**PASS** 23.70 % of 127 µV/V
60 mV (220 mV RNG), 50.0 kHz	**0.0600038**	100 µV/V	0.059991429	0.060008571	63 µV/V	102 µV/V	**PASS** 44.34 % of 143 µV/V
60 mV (220 mV RNG), 100.0 kHz	**0.0599972**	180 µV/V	0.059983766	0.060016234	-47 µV/V	202 µV/V	**PASS** 17.25 % of 271 µV/V
60 mV (220 mV RNG), 200.0 kHz	**0.0599988**	300 µV/V	0.059974245	0.060025755	-20 µV/V	307 µV/V	**PASS** 4.66 % of 429 µV/V
60 mV (220 mV RNG), 300.0 kHz	**0.0600016**	350 µV/V	0.059972066	0.060027934	27 µV/V	307 µV/V	**PASS** 5.73 % of 466 µV/V
60 mV (220 mV RNG), 500.0 kHz	**0.0599957**	450 µV/V	0.05996139	0.06003861	-72 µV/V	460 µV/V	**PASS** 11.14 % of 644 µV/V
60 mV (220 mV RNG), 700.0 kHz	**0.0599832**	500 µV/V	0.059930763	0.060069237	-280 µV/V	1040 µV/V	**PASS** 24.26 % of 1154 µV/V
60 mV (220 mV RNG), 1.0 MHz	**0.0599803**	500 µV/V	0.059930763	0.060069237	-328 µV/V	1040 µV/V	**PASS** 28.45 % of 1154 µV/V
100 mV (220 mV RNG), 10.0 Hz	**0.0999906**	100 µV/V	0.099975378	0.10002462	-94 µV/V	225 µV/V	**PASS** 38.18 % of 246 µV/V
100 mV (220 mV RNG), 15.0 Hz	**0.1000007**	90 µV/V	0.099975767	0.10002423	7 µV/V	225 µV/V	**PASS** 2.89 % of 242 µV/V
100 mV (220 mV RNG), 20.0 Hz	**0.1000013**	80 µV/V	0.099987272	0.10001273	13 µV/V	99 µV/V	**PASS** 10.21 % of 127 µV/V
100 mV (220 mV RNG), 40.0 Hz	**0.1000007**	45 µV/V	0.099993123	0.10000688	7 µV/V	52 µV/V	**PASS** 10.18 % of 69 µV/V
100 mV (220 mV RNG), 50.0 Hz	**0.1000004**	45 µV/V	0.099993123	0.10000688	4 µV/V	52 µV/V	**PASS** 5.82 % of 69 µV/V
100 mV (220 mV RNG), 59.99 Hz	**0.0999990**	45 µV/V	0.099993123	0.10000688	-10 µV/V	52 µV/V	**PASS** 14.54 % of 69 µV/V
100 mV (220 mV RNG), 100.0 Hz	**0.1000007**	45 µV/V	0.099993123	0.10000688	7 µV/V	52 µV/V	**PASS** 10.18 % of 69 µV/V
100 mV (220 mV RNG), 200.0 Hz	**0.1000005**	45 µV/V	0.099993123	0.10000688	5 µV/V	52 µV/V	**PASS** 7.27 % of 69 µV/V
100 mV (220 mV RNG), 400.0 Hz	**0.1000006**	45 µV/V	0.099993123	0.10000688	6 µV/V	52 µV/V	**PASS** 8.73 % of 69 µV/V
100 mV (220 mV RNG), 1.0 kHz	**0.1000003**	45 µV/V	0.099993123	0.10000688	3 µV/V	52 µV/V	**PASS** 4.36 % of 69 µV/V
100 mV (220 mV RNG), 2.0 kHz	**0.1000005**	45 µV/V	0.099993123	0.10000688	5 µV/V	52 µV/V	**PASS** 7.27 % of 69 µV/V
100 mV (220 mV RNG), 3.0 kHz	**0.1000004**	45 µV/V	0.099993123	0.10000688	4 µV/V	52 µV/V	**PASS** 5.82 % of 69 µV/V

100 mV (220 mV RNG), 4.0 kHz	**0.1000005**	45 µV/V	0.099993123	0.10000688	5 µV/V	52 µV/V	**PASS** 7.27 % of 69 µV/V
100 mV (220 mV RNG), 5.0 kHz	**0.1000006**	45 µV/V	0.099993123	0.10000688	6 µV/V	52 µV/V	**PASS** 8.73 % of 69 µV/V
100 mV (220 mV RNG), 6.25 kHz	**0.1000005**	45 µV/V	0.099993123	0.10000688	5 µV/V	52 µV/V	**PASS** 7.27 % of 69 µV/V
100 mV (220 mV RNG), 8.0 kHz	**0.1000005**	45 µV/V	0.099993123	0.10000688	5 µV/V	52 µV/V	**PASS** 7.27 % of 69 µV/V
100 mV (220 mV RNG), 10.0 kHz	**0.1000007**	45 µV/V	0.099993123	0.10000688	7 µV/V	52 µV/V	**PASS** 10.18 % of 69 µV/V
100 mV (220 mV RNG), 15.0 kHz	**0.1000005**	45 µV/V	0.099993123	0.10000688	5 µV/V	52 µV/V	**PASS** 7.27 % of 69 µV/V
100 mV (220 mV RNG), 20.0 kHz	**0.1000203**	45 µV/V	0.099993123	0.10000688	203 µV/V	52 µV/V	**FAIL** 295.20 % of 69 µV/V
100 mV (220 mV RNG), 30.0 kHz	**0.0999919**	50 µV/V	0.099989792	0.10001021	-81 µV/V	89 µV/V	**PASS** 79.35 % of 102 µV/V
100 mV (220 mV RNG), 50.0 kHz	**0.0999950**	55 µV/V	0.099989538	0.10001046	-50 µV/V	89 µV/V	**PASS** 47.79 % of 105 µV/V
100 mV (220 mV RNG), 100.0 kHz	**0.1000032**	100 µV/V	0.09997897	0.10002103	32 µV/V	185 µV/V	**PASS** 15.22 % of 210 µV/V
100 mV (220 mV RNG), 200.0 kHz	**0.1000084**	170 µV/V	0.099967243	0.10003276	84 µV/V	280 µV/V	**PASS** 25.64 % of 328 µV/V
100 mV (220 mV RNG), 300.0 kHz	**0.1000004**	190 µV/V	0.099966162	0.10003384	4 µV/V	280 µV/V	**PASS** 1.18 % of 338 µV/V
100 mV (220 mV RNG), 500.0 kHz	**0.0999790**	250 µV/V	0.099951123	0.10004888	-210 µV/V	420 µV/V	**PASS** 42.96 % of 489 µV/V
100 mV (220 mV RNG), 700.0 kHz	**0.0999783**	300 µV/V	0.099895597	0.1001044	-217 µV/V	1000 µV/V	**PASS** 20.78 % of 1044 µV/V
100 mV (220 mV RNG), 1.0 MHz	**0.0999601**	300 µV/V	0.099895597	0.1001044	-399 µV/V	1000 µV/V	**PASS** 38.22 % of 1044 µV/V
190 mV (220 mV RNG), 10.0 Hz	**0.1900057**	80 µV/V	0.18995588	0.19004412	30 µV/V	218 µV/V	**PASS** 12.92 % of 232 µV/V
190 mV (220 mV RNG), 15.0 Hz	**0.1900102**	60 µV/V	0.18995704	0.19004296	54 µV/V	218 µV/V	**PASS** 23.74 % of 226 µV/V
190 mV (220 mV RNG), 20.0 Hz	**0.1900096**	60 µV/V	0.18997913	0.19002087	51 µV/V	92 µV/V	**PASS** 46.00 % of 110 µV/V
190 mV (220 mV RNG), 40.0 Hz	**0.1900101**	30 µV/V	0.18998972	0.19001028	53 µV/V	45 µV/V	**PASS** 98.29 % of 54 µV/V
190 mV (220 mV RNG), 50.0 Hz	**0.1900105**	25 µV/V	0.18999022	0.19000978	55 µV/V	45 µV/V	**FAIL** 107.35 % of 51 µV/V
190 mV (220 mV RNG), 60.0 Hz	**0.1900042**	25 µV/V	0.18999022	0.19000978	22 µV/V	45 µV/V	**PASS** 42.94 % of 51 µV/V
190 mV (220 mV RNG), 100.0 Hz	**0.1900003**	25 µV/V	0.18999022	0.19000978	2 µV/V	45 µV/V	**PASS** 3.07 % of 51 µV/V
190 mV (220 mV RNG), 200.0 Hz	**0.1900004**	25 µV/V	0.18999022	0.19000978	2 µV/V	45 µV/V	**PASS** 4.09 % of 51 µV/V
190 mV (220 mV RNG), 400.0 Hz	**0.1900006**	25 µV/V	0.18999022	0.19000978	3 µV/V	45 µV/V	**PASS** 6.13 % of 51 µV/V
190 mV (220 mV RNG), 1.0 kHz	**0.1900001**	25 µV/V	0.18999022	0.19000978	1 µV/V	45 µV/V	**PASS** 1.02 % of 51 µV/V
190 mV (220 mV RNG), 2.0 kHz	**0.1900002**	25 µV/V	0.18999022	0.19000978	1 µV/V	45 µV/V	**PASS** 2.04 % of 51 µV/V
190 mV (220 mV RNG), 3.0 kHz	**0.1900003**	25 µV/V	0.18999022	0.19000978	2 µV/V	45 µV/V	**PASS** 3.07 % of 51 µV/V
190 mV (220 mV RNG), 4.0 kHz	**0.1900005**	25 µV/V	0.18999022	0.19000978	3 µV/V	45 µV/V	**PASS** 5.11 % of 51 µV/V
190 mV (220 mV RNG), 5.0 kHz	**0.1900005**	25 µV/V	0.18999022	0.19000978	3 µV/V	45 µV/V	**PASS** 5.11 % of 51 µV/V
190 mV (220 mV RNG), 6.25 kHz	**0.1900006**	25 µV/V	0.18999022	0.19000978	3 µV/V	45 µV/V	**PASS** 6.13 % of 51 µV/V
190 mV (220 mV RNG), 8.0 kHz	**0.1900006**	25 µV/V	0.18999022	0.19000978	3 µV/V	45 µV/V	**PASS** 6.13 % of 51 µV/V
190 mV (220 mV RNG), 10.0 kHz	**0.1900007**	25 µV/V	0.18999022	0.19000978	4 µV/V	45 µV/V	**PASS** 7.16 % of 51 µV/V
190 mV (220 mV RNG), 15.0 kHz	**0.1900004**	25 µV/V	0.18999022	0.19000978	2 µV/V	45 µV/V	**PASS** 4.09 % of 51 µV/V
190 mV (220 mV RNG), 20.0 kHz	**0.1900009**	25 µV/V	0.18999022	0.19000978	5 µV/V	45 µV/V	**PASS** 9.20 % of 51 µV/V
190 mV (220 mV RNG), 30.0 kHz	**0.1899999**	50 µV/V	0.18998208	0.19001792	-1 µV/V	80 µV/V	**PASS** 0.56 % of 94 µV/V
190 mV (220 mV RNG), 50.0 kHz	**0.1900008**	50 µV/V	0.18998208	0.19001792	4 µV/V	80 µV/V	**PASS** 4.46 % of 94 µV/V
190 mV (220 mV RNG), 100.0 kHz	**0.1900003**	90 µV/V	0.18996295	0.19003705	2 µV/V	173 µV/V	**PASS** 0.81 % of 195 µV/V
190 mV (220 mV RNG), 200.0 kHz	**0.1900057**	150 µV/V	0.1899428	0.1900572	30 µV/V	261 µV/V	**PASS** 9.97 % of 301 µV/V
190 mV (220 mV RNG), 300.0 kHz	**0.1900068**	150 µV/V	0.1899428	0.1900572	36 µV/V	261 µV/V	**PASS** 11.89 % of 301 µV/V
190 mV (220 mV RNG), 500.0 kHz	**0.1899739**	180 µV/V	0.18991804	0.19008196	-137 µV/V	392 µV/V	**PASS** 31.85 % of 431 µV/V
190 mV (220 mV RNG), 700.0 kHz	**0.1899531**	260 µV/V	0.18980883	0.19019117	-247 µV/V	972 µV/V	**PASS** 24.53 % of 1006 µV/V
190 mV (220 mV RNG), 1.0 MHz	**0.1899322**	260 µV/V	0.18980901	0.19019099	-357 µV/V	971 µV/V	**PASS** 35.50 % of 1005 µV/V

200 mV (220 mV RNG), 10.0 Hz	**0.2000013**	80 µV/V	0.19995356	0.20004644	6 µV/V	218 µV/V	**PASS** 2.80 % of 232 µV/V
200 mV (220 mV RNG), 15.0 Hz	**0.2000060**	60 µV/V	0.19995478	0.20004522	30 µV/V	218 µV/V	**PASS** 13.27 % of 226 µV/V
200 mV (220 mV RNG), 20.0 Hz	**0.2000091**	60 µV/V	0.19997803	0.20002197	45 µV/V	92 µV/V	**PASS** 41.43 % of 110 µV/V
200 mV (220 mV RNG), 40.0 Hz	**0.2000106**	30 µV/V	0.19998918	0.20001082	53 µV/V	45 µV/V	**PASS** 98.00 % of 54 µV/V
200 mV (220 mV RNG), 50.0 Hz	**0.2000002**	25 µV/V	0.1999897	0.2000103	1 µV/V	45 µV/V	**PASS** 1.94 % of 51 µV/V
200 mV (220 mV RNG), 60.0 Hz	**0.1999985**	25 µV/V	0.1999897	0.2000103	-8 µV/V	45 µV/V	**PASS** 14.57 % of 51 µV/V
200 mV (220 mV RNG), 99.99 Hz	**0.2000003**	25 µV/V	0.1999897	0.2000103	1 µV/V	45 µV/V	**PASS** 2.91 % of 51 µV/V
200 mV (220 mV RNG), 200.0 Hz	**0.2000006**	25 µV/V	0.1999897	0.2000103	3 µV/V	45 µV/V	**PASS** 5.83 % of 51 µV/V
200 mV (220 mV RNG), 400.0 Hz	**0.2000005**	25 µV/V	0.1999897	0.2000103	2 µV/V	45 µV/V	**PASS** 4.86 % of 51 µV/V
200 mV (220 mV RNG), 1.0 kHz	**0.2000006**	25 µV/V	0.1999897	0.2000103	3 µV/V	45 µV/V	**PASS** 5.83 % of 51 µV/V
200 mV (220 mV RNG), 2.0 kHz	**0.2000004**	25 µV/V	0.1999897	0.2000103	2 µV/V	45 µV/V	**PASS** 3.89 % of 51 µV/V
200 mV (220 mV RNG), 3.0 kHz	**0.2000011**	25 µV/V	0.1999897	0.2000103	5 µV/V	45 µV/V	**PASS** 10.68 % of 51 µV/V
200 mV (220 mV RNG), 4.0 kHz	**0.2000010**	25 µV/V	0.1999897	0.2000103	5 µV/V	45 µV/V	**PASS** 9.71 % of 51 µV/V
200 mV (220 mV RNG), 5.0 kHz	**0.2000009**	25 µV/V	0.1999897	0.2000103	4 µV/V	45 µV/V	**PASS** 8.74 % of 51 µV/V
200 mV (220 mV RNG), 6.25 kHz	**0.2000009**	25 µV/V	0.1999897	0.2000103	4 µV/V	45 µV/V	**PASS** 8.74 % of 51 µV/V
200 mV (220 mV RNG), 8.0 kHz	**0.2000009**	25 µV/V	0.1999897	0.2000103	4 µV/V	45 µV/V	**PASS** 8.74 % of 51 µV/V
200 mV (220 mV RNG), 10.0 kHz	**0.2000005**	25 µV/V	0.1999897	0.2000103	2 µV/V	45 µV/V	**PASS** 4.86 % of 51 µV/V
200 mV (220 mV RNG), 15.0 kHz	**0.2000006**	25 µV/V	0.1999897	0.2000103	3 µV/V	45 µV/V	**PASS** 5.83 % of 51 µV/V
200 mV (220 mV RNG), 20.0 kHz	**0.2000002**	25 µV/V	0.1999897	0.2000103	1 µV/V	45 µV/V	**PASS** 1.94 % of 51 µV/V
200 mV (220 mV RNG), 30.0 kHz	**0.1999995**	50 µV/V	0.1999813	0.2000187	-3 µV/V	79 µV/V	**PASS** 2.67 % of 93 µV/V
200 mV (220 mV RNG), 50.0 kHz	**0.2000004**	50 µV/V	0.1999813	0.2000187	2 µV/V	79 µV/V	**PASS** 2.14 % of 93 µV/V
200 mV (220 mV RNG), 100.0 kHz	**0.2000111**	90 µV/V	0.199961	0.200039	55 µV/V	173 µV/V	**PASS** 28.46 % of 195 µV/V
200 mV (220 mV RNG), 200.0 kHz	**0.2000033**	150 µV/V	0.19993997	0.20006003	16 µV/V	260 µV/V	**PASS** 5.50 % of 300 µV/V
200 mV (220 mV RNG), 300.0 kHz	**0.2000057**	150 µV/V	0.19993997	0.20006003	28 µV/V	260 µV/V	**PASS** 9.49 % of 300 µV/V
200 mV (220 mV RNG), 500.0 kHz	**0.1999527**	180 µV/V	0.19991409	0.20008591	-236 µV/V	390 µV/V	**PASS** 55.06 % of 430 µV/V
200 mV (220 mV RNG), 700.0 kHz	**0.1999391**	260 µV/V	0.19979915	0.20020085	-305 µV/V	970 µV/V	**PASS** 30.32 % of 1004 µV/V
200 mV (220 mV RNG), 1.0 MHz	**0.1999053**	260 µV/V	0.19979915	0.20020085	-474 µV/V	970 µV/V	**PASS** 47.15 % of 1004 µV/V
210 mV (220 mV RNG), 10.0 Hz	**0.2100038**	80 µV/V	0.20995143	0.21004857	18 µV/V	217 µV/V	**PASS** 7.82 % of 231 µV/V
210 mV (220 mV RNG), 15.0 Hz	**0.2100066**	60 µV/V	0.20995272	0.21004728	31 µV/V	217 µV/V	**PASS** 13.96 % of 225 µV/V
210 mV (220 mV RNG), 20.0 Hz	**0.2100100**	60 µV/V	0.20997711	0.21002289	48 µV/V	91 µV/V	**PASS** 43.69 % of 109 µV/V
210 mV (220 mV RNG), 40.0 Hz	**0.2100131**	30 µV/V	0.20998882	0.21001118	62 µV/V	44 µV/V	**FAIL** 117.14 % of 53 µV/V
210 mV (220 mV RNG), 50.0 Hz	**0.2100121**	25 µV/V	0.20998937	0.21001063	58 µV/V	44 µV/V	**FAIL** 113.86 % of 51 µV/V
210 mV (220 mV RNG), 60.0 Hz	**0.2099991**	25 µV/V	0.20998937	0.21001063	-4 µV/V	44 µV/V	**PASS** 8.47 % of 51 µV/V
210 mV (220 mV RNG), 100.0 Hz	**0.2100020**	25 µV/V	0.20998937	0.21001063	10 µV/V	44 µV/V	**PASS** 18.82 % of 51 µV/V
210 mV (220 mV RNG), 200.0 Hz	**0.2100003**	25 µV/V	0.20998937	0.21001063	1 µV/V	44 µV/V	**PASS** 2.82 % of 51 µV/V
210 mV (220 mV RNG), 400.0 Hz	**0.2100005**	25 µV/V	0.20998937	0.21001063	2 µV/V	44 µV/V	**PASS** 4.70 % of 51 µV/V
210 mV (220 mV RNG), 1.0 kHz	**0.2100008**	25 µV/V	0.20998937	0.21001063	4 µV/V	44 µV/V	**PASS** 7.53 % of 51 µV/V
210 mV (220 mV RNG), 2.0 kHz	**0.2100000**	25 µV/V	0.20998937	0.21001063	0 µV/V	44 µV/V	**PASS** 0.00 % of 51 µV/V
210 mV (220 mV RNG), 3.0 kHz	**0.2100008**	25 µV/V	0.20998937	0.21001063	4 µV/V	44 µV/V	**PASS** 7.53 % of 51 µV/V
210 mV (220 mV RNG), 4.0 kHz	**0.2100011**	25 µV/V	0.20998937	0.21001063	5 µV/V	44 µV/V	**PASS** 10.35 % of 51 µV/V
210 mV (220 mV RNG), 5.0 kHz	**0.2100006**	25 µV/V	0.20998937	0.21001063	3 µV/V	44 µV/V	**PASS** 5.65 % of 51 µV/V
210 mV (220 mV RNG), 6.25 kHz	**0.2100005**	25 µV/V	0.20998937	0.21001063	2 µV/V	44 µV/V	**PASS** 4.70 % of 51 µV/V

210 mV (220 mV RNG), 8.0 kHz	**0.2100013**	25 µV/V	0.20998937	0.21001063	6 µV/V	44 µV/V	**PASS** 12.23 % of 51 µV/V
210 mV (220 mV RNG), 10.0 kHz	**0.2100004**	25 µV/V	0.20998937	0.21001063	2 µV/V	44 µV/V	**PASS** 3.76 % of 51 µV/V
210 mV (220 mV RNG), 15.0 kHz	**0.2100003**	25 µV/V	0.20998937	0.21001063	1 µV/V	44 µV/V	**PASS** 2.82 % of 51 µV/V
210 mV (220 mV RNG), 20.0 kHz	**0.2100003**	25 µV/V	0.20998937	0.21001063	1 µV/V	44 µV/V	**PASS** 2.82 % of 51 µV/V
210 mV (220 mV RNG), 30.0 kHz	**0.2100000**	50 µV/V	0.20998037	0.21001963	0 µV/V	79 µV/V	**PASS** 0.00 % of 93 µV/V
210 mV (220 mV RNG), 50.0 kHz	**0.2100024**	50 µV/V	0.20998037	0.21001963	11 µV/V	79 µV/V	**PASS** 12.22 % of 93 µV/V
210 mV (220 mV RNG), 100.0 kHz	**0.2100097**	90 µV/V	0.20995923	0.21004077	46 µV/V	172 µV/V	**PASS** 23.79 % of 194 µV/V
210 mV (220 mV RNG), 200.0 kHz	**0.2100050**	150 µV/V	0.20993715	0.21006285	24 µV/V	259 µV/V	**PASS** 7.96 % of 299 µV/V
210 mV (220 mV RNG), 300.0 kHz	**0.2099989**	150 µV/V	0.20993715	0.21006285	-5 µV/V	259 µV/V	**PASS** 1.75 % of 299 µV/V
210 mV (220 mV RNG), 500.0 kHz	**0.2099290**	180 µV/V	0.20990999	0.21009001	-338 µV/V	389 µV/V	**PASS** 78.88 % of 429 µV/V
210 mV (220 mV RNG), 700.0 kHz	**0.2099479**	260 µV/V	0.20978931	0.21021069	-248 µV/V	969 µV/V	**PASS** 24.73 % of 1003 µV/V
210 mV (220 mV RNG), 1.0 MHz	**0.2099100**	260 µV/V	0.20978931	0.21021069	-429 µV/V	969 µV/V	**PASS** 42.72 % of 1003 µV/V

Precision VAC Ranges performance test relative to 792A AC/DC standard. Checks calibration on 2.2 V range
The following test for the gain error in AC voltage using Fluke 792A as reference. Using 1 year 792A certificate specification combined with 5790A 90-day specification.

Test Description	Measured Value	F5720A 24h			Ref/measured	F5790A spec	Test Status
INPUT1 ACV Test	**600 mV - 2.2 V**	**792A Uncertainty**	**Lower Limit**	**Upper Limit**	**Deviation**	**90d spec**	**Result**
600 mV (2.2 V RNG), 10.0 Hz	**0.600020**	50 µV/V	0.59987631	0.60012369	33 µV/V	200 µV/V	**PASS** 16.01 % of 206 µV/V
600 mV (2.2 V RNG), 15.0 Hz	**0.600009**	40 µV/V	0.59987762	0.60012238	15 µV/V	200 µV/V	**PASS** 7.19 % of 204 µV/V
600 mV (2.2 V RNG), 20.0 Hz	**0.599992**	40 µV/V	0.59995421	0.60004579	-13 µV/V	65 µV/V	**PASS** 16.60 % of 76 µV/V
600 mV (2.2 V RNG), 39.99 Hz	**0.600000**	22 µV/V	0.59998133	0.60001867	0 µV/V	22 µV/V	**PASS** 0.00 % of 31 µV/V
600 mV (2.2 V RNG), 50.0 Hz	**0.599999**	22 µV/V	0.59998133	0.60001867	-2 µV/V	22 µV/V	**PASS** 7.50 % of 31 µV/V
600 mV (2.2 V RNG), 60.0 Hz	**0.600004**	22 µV/V	0.59998133	0.60001867	7 µV/V	22 µV/V	**PASS** 23.57 % of 31 µV/V
600 mV (2.2 V RNG), 99.99 Hz	**0.600001**	22 µV/V	0.59998133	0.60001867	2 µV/V	22 µV/V	**PASS** 5.36 % of 31 µV/V
600 mV (2.2 V RNG), 200.0 Hz	**0.599991**	22 µV/V	0.59998133	0.60001867	-15 µV/V	22 µV/V	**PASS** 47.14 % of 31 µV/V
600 mV (2.2 V RNG), 400.0 Hz	**0.600002**	22 µV/V	0.59998133	0.60001867	3 µV/V	22 µV/V	**PASS** 10.18 % of 31 µV/V
600 mV (2.2 V RNG), 1.0 kHz	**0.600002**	20 µV/V	0.59998216	0.60001784	4 µV/V	22 µV/V	**PASS** 12.33 % of 30 µV/V
600 mV (2.2 V RNG), 2.0 kHz	**0.600003**	20 µV/V	0.59998216	0.60001784	5 µV/V	22 µV/V	**PASS** 17.38 % of 30 µV/V
600 mV (2.2 V RNG), 3.0 kHz	**0.600003**	20 µV/V	0.59998216	0.60001784	4 µV/V	22 µV/V	**PASS** 14.57 % of 30 µV/V
600 mV (2.2 V RNG), 4.0 kHz	**0.599992**	20 µV/V	0.59998216	0.60001784	-13 µV/V	22 µV/V	**PASS** 44.28 % of 30 µV/V
600 mV (2.2 V RNG), 5.0 kHz	**0.599991**	20 µV/V	0.59998216	0.60001784	-15 µV/V	22 µV/V	**PASS** 49.89 % of 30 µV/V
600 mV (2.2 V RNG), 6.25 kHz	**0.599991**	20 µV/V	0.59998216	0.60001784	-16 µV/V	22 µV/V	**PASS** 52.69 % of 30 µV/V
600 mV (2.2 V RNG), 8.0 kHz	**0.599992**	20 µV/V	0.59998216	0.60001784	-14 µV/V	22 µV/V	**PASS** 47.65 % of 30 µV/V
600 mV (2.2 V RNG), 10.0 kHz	**0.599981**	20 µV/V	0.59998216	0.60001784	-32 µV/V	22 µV/V	**FAIL** 108.75 % of 30 µV/V
600 mV (2.2 V RNG), 15.0 kHz	**0.600001**	20 µV/V	0.59998216	0.60001784	1 µV/V	22 µV/V	**PASS** 3.92 % of 30 µV/V
600 mV (2.2 V RNG), 20.0 kHz	**0.600001**	20 µV/V	0.59998216	0.60001784	2 µV/V	22 µV/V	**PASS** 6.73 % of 30 µV/V
600 mV (2.2 V RNG), 30.0 kHz	**0.600002**	30 µV/V	0.59996755	0.60003245	3 µV/V	45 µV/V	**PASS** 4.93 % of 54 µV/V
600 mV (2.2 V RNG), 50.0 kHz	**0.600005**	30 µV/V	0.59996755	0.60003245	9 µV/V	45 µV/V	**PASS** 16.95 % of 54 µV/V
600 mV (2.2 V RNG), 100.0 kHz	**0.600019**	45 µV/V	0.59995007	0.60004993	31 µV/V	70 µV/V	**PASS** 37.25 % of 83 µV/V
600 mV (2.2 V RNG), 200.0 kHz	**0.600015**	110 µV/V	0.59988839	0.60011161	25 µV/V	150 µV/V	**PASS** 13.62 % of 186 µV/V
600 mV (2.2 V RNG), 300.0 kHz	**0.600005**	110 µV/V	0.59988839	0.60011161	8 µV/V	150 µV/V	**PASS** 4.21 % of 186 µV/V

600 mV (2.2 V RNG), 500.0 kHz	**0.599968**	120 µV/V	0.59983361	0.60016639	-53 µV/V	250 µV/V	**PASS** 19.05 % of 277 µV/V
600 mV (2.2 V RNG), 700.0 kHz	**0.599894**	125 µV/V	0.59949045	0.60050955	-177 µV/V	840 µV/V	**PASS** 20.88 % of 849 µV/V
600 mV (2.2 V RNG), 1.0 MHz	**0.599824**	125 µV/V	0.59949045	0.60050955	-293 µV/V	840 µV/V	**PASS** 34.54 % of 849 µV/V
1.0 V (2.2 V RNG), 10.0 Hz	**1.000043**	120 µV/V	0.99976676	1.0002332	43 µV/V	200 µV/V	**PASS** 18.56 % of 233 µV/V
1.0 V (2.2 V RNG), 15.0 Hz	**1.000014**	50 µV/V	0.99979384	1.0002062	14 µV/V	200 µV/V	**PASS** 6.60 % of 206 µV/V
1.0 V (2.2 V RNG), 20.0 Hz	**1.000021**	50 µV/V	0.99991799	1.000082	21 µV/V	65 µV/V	**PASS** 25.12 % of 82 µV/V
1.0 V (2.2 V RNG), 40.0 Hz	**1.000004**	22 µV/V	0.99996889	1.0000311	4 µV/V	22 µV/V	**PASS** 12.54 % of 31 µV/V
1.0 V (2.2 V RNG), 50.0 Hz	**0.999992**	22 µV/V	0.99996889	1.0000311	-8 µV/V	22 µV/V	**PASS** 24.43 % of 31 µV/V
1.0 V (2.2 V RNG), 60.0 Hz	**0.999996**	22 µV/V	0.99996889	1.0000311	-4 µV/V	22 µV/V	**PASS** 13.50 % of 31 µV/V
1.0 V (2.2 V RNG), 100.0 Hz	**0.999999**	12 µV/V	0.99997494	1.0000251	-1 µV/V	22 µV/V	**PASS** 3.59 % of 25 µV/V
1.0 V (2.2 V RNG), 200.0 Hz	**0.999989**	12 µV/V	0.99997494	1.0000251	-11 µV/V	22 µV/V	**PASS** 42.30 % of 25 µV/V
1.0 V (2.2 V RNG), 400.0 Hz	**0.999997**	12 µV/V	0.99997494	1.0000251	-3 µV/V	22 µV/V	**PASS** 12.37 % of 25 µV/V
1.0 V (2.2 V RNG), 1.0 kHz	**0.999999**	12 µV/V	0.99997494	1.0000251	-1 µV/V	22 µV/V	**PASS** 5.99 % of 25 µV/V
1.0 V (2.2 V RNG), 2.0 kHz	**0.999998**	12 µV/V	0.99997494	1.0000251	-2 µV/V	22 µV/V	**PASS** 9.58 % of 25 µV/V
1.0 V (2.2 V RNG), 3.0 kHz	**0.999996**	12 µV/V	0.99997494	1.0000251	-4 µV/V	22 µV/V	**PASS** 16.76 % of 25 µV/V
1.0 V (2.2 V RNG), 4.0 kHz	**0.999997**	12 µV/V	0.99997494	1.0000251	-3 µV/V	22 µV/V	**PASS** 11.97 % of 25 µV/V
1.0 V (2.2 V RNG), 5.0 kHz	**0.999988**	12 µV/V	0.99997494	1.0000251	-12 µV/V	22 µV/V	**PASS** 49.88 % of 25 µV/V
1.0 V (2.2 V RNG), 6.25 kHz	**0.999986**	12 µV/V	0.99997494	1.0000251	-14 µV/V	22 µV/V	**PASS** 56.66 % of 25 µV/V
1.0 V (2.2 V RNG), 8.0 kHz	**0.999985**	12 µV/V	0.99997494	1.0000251	-15 µV/V	22 µV/V	**PASS** 58.66 % of 25 µV/V
1.0 V (2.2 V RNG), 10.0 kHz	**0.999986**	12 µV/V	0.99997494	1.0000251	-14 µV/V	22 µV/V	**PASS** 57.06 % of 25 µV/V
1.0 V (2.2 V RNG), 15.0 kHz	**0.999973**	12 µV/V	0.99997494	1.0000251	-27 µV/V	22 µV/V	**FAIL** 108.14 % of 25 µV/V
1.0 V (2.2 V RNG), 20.0 kHz	**1.000002**	12 µV/V	0.99997494	1.0000251	2 µV/V	22 µV/V	**PASS** 7.18 % of 25 µV/V
1.0 V (2.2 V RNG), 30.0 kHz	**1.000008**	25 µV/V	0.99994852	1.0000515	8 µV/V	45 µV/V	**PASS** 15.54 % of 51 µV/V
1.0 V (2.2 V RNG), 50.0 kHz	**1.000021**	25 µV/V	0.99994852	1.0000515	21 µV/V	45 µV/V	**PASS** 41.57 % of 51 µV/V
1.0 V (2.2 V RNG), 100.0 kHz	**1.000028**	30 µV/V	0.99992384	1.0000762	28 µV/V	70 µV/V	**PASS** 37.29 % of 76 µV/V
1.0 V (2.2 V RNG), 200.0 kHz	**1.000032**	100 µV/V	0.99981972	1.0001803	32 µV/V	150 µV/V	**PASS** 17.58 % of 180 µV/V
1.0 V (2.2 V RNG), 300.0 kHz	**1.000017**	100 µV/V	0.99981972	1.0001803	17 µV/V	150 µV/V	**PASS** 9.65 % of 180 µV/V
1.0 V (2.2 V RNG), 500.0 kHz	**0.999946**	105 µV/V	0.99972885	1.0002712	-54 µV/V	250 µV/V	**PASS** 19.84 % of 271 µV/V
1.0 V (2.2 V RNG), 700.0 kHz	**0.999836**	110 µV/V	0.99915283	1.0008472	-164 µV/V	840 µV/V	**PASS** 19.38 % of 847 µV/V
1.0 V (2.2 V RNG), 1.0 MHz	**0.999733**	110 µV/V	0.99915283	1.0008472	-267 µV/V	840 µV/V	**PASS** 31.52 % of 847 µV/V
2.0 V (2.2 V RNG), 10.0 Hz	**2.000431**	120 µV/V	1.9995335	2.0004665	215 µV/V	200 µV/V	**PASS** 92.37 % of 233 µV/V
2.0 V (2.2 V RNG), 15.0 Hz	**2.000124**	35 µV/V	1.9995939	2.0004061	62 µV/V	200 µV/V	**PASS** 30.44 % of 203 µV/V
2.0 V (2.2 V RNG), 20.0 Hz	**2.000042**	35 µV/V	1.9998524	2.0001476	21 µV/V	65 µV/V	**PASS** 28.31 % of 74 µV/V
2.0 V (2.2 V RNG), 40.0 Hz	**1.999999**	20 µV/V	1.9999405	2.0000595	-0 µV/V	22 µV/V	**PASS** 1.01 % of 30 µV/V
2.0 V (2.2 V RNG), 50.0 Hz	**2.000010**	20 µV/V	1.9999405	2.0000595	5 µV/V	22 µV/V	**PASS** 16.98 % of 30 µV/V
2.0 V (2.2 V RNG), 60.0 Hz	**1.999992**	20 µV/V	1.9999405	2.0000595	-4 µV/V	22 µV/V	**PASS** 13.96 % of 30 µV/V
2.0 V (2.2 V RNG), 99.99 Hz	**1.999987**	8 µV/V	1.9999532	2.0000468	-6 µV/V	22 µV/V	**PASS** 27.13 % of 23 µV/V
2.0 V (2.2 V RNG), 200.0 Hz	**1.999992**	8 µV/V	1.9999532	2.0000468	-4 µV/V	22 µV/V	**PASS** 16.66 % of 23 µV/V
2.0 V (2.2 V RNG), 400.0 Hz	**1.999987**	8 µV/V	1.9999532	2.0000468	-7 µV/V	22 µV/V	**PASS** 28.41 % of 23 µV/V
2.0 V (2.2 V RNG), 1.0 kHz	**1.999995**	8 µV/V	1.9999532	2.0000468	-3 µV/V	22 µV/V	**PASS** 10.89 % of 23 µV/V
2.0 V (2.2 V RNG), 2.0 kHz	**1.999998**	8 µV/V	1.9999532	2.0000468	-1 µV/V	22 µV/V	**PASS** 5.34 % of 23 µV/V
2.0 V (2.2 V RNG), 3.0 kHz	**1.999997**	8 µV/V	1.9999532	2.0000468	-1 µV/V	22 µV/V	**PASS** 5.55 % of 23 µV/V

2.0 V (2.2 V RNG), 4.0 kHz	**2.000005**	8 µV/V	1.9999532	2.0000468	2 µV/V	22 µV/V	**PASS** 9.83 % of 23 µV/V
2.0 V (2.2 V RNG), 5.0 kHz	**1.999993**	8 µV/V	1.9999532	2.0000468	-4 µV/V	22 µV/V	**PASS** 15.16 % of 23 µV/V
2.0 V (2.2 V RNG), 6.25 kHz	**1.999990**	8 µV/V	1.9999532	2.0000468	-5 µV/V	22 µV/V	**PASS** 21.15 % of 23 µV/V
2.0 V (2.2 V RNG), 8.0 kHz	**1.999991**	8 µV/V	1.9999532	2.0000468	-4 µV/V	22 µV/V	**PASS** 18.16 % of 23 µV/V
2.0 V (2.2 V RNG), 10.0 kHz	**1.999990**	8 µV/V	1.9999532	2.0000468	-5 µV/V	22 µV/V	**PASS** 21.57 % of 23 µV/V
2.0 V (2.2 V RNG), 15.0 kHz	**1.999955**	8 µV/V	1.9999532	2.0000468	-22 µV/V	22 µV/V	**PASS** 95.47 % of 23 µV/V
2.0 V (2.2 V RNG), 20.0 kHz	**1.999954**	8 µV/V	1.9999532	2.0000468	-23 µV/V	22 µV/V	**PASS** 97.61 % of 23 µV/V
2.0 V (2.2 V RNG), 30.0 kHz	**1.999972**	20 µV/V	1.9999015	2.0000985	-14 µV/V	45 µV/V	**PASS** 27.92 % of 49 µV/V
2.0 V (2.2 V RNG), 50.0 kHz	**2.000035**	25 µV/V	1.999897	2.000103	18 µV/V	45 µV/V	**PASS** 34.19 % of 51 µV/V
2.0 V (2.2 V RNG), 100.0 kHz	**2.000046**	25 µV/V	1.9998513	2.0001487	23 µV/V	70 µV/V	**PASS** 30.94 % of 74 µV/V
2.0 V (2.2 V RNG), 200.0 kHz	**2.000047**	100 µV/V	1.9996394	2.0003606	23 µV/V	150 µV/V	**PASS** 13.04 % of 180 µV/V
2.0 V (2.2 V RNG), 300.0 kHz	**2.000020**	100 µV/V	1.9996394	2.0003606	10 µV/V	150 µV/V	**PASS** 5.66 % of 180 µV/V
2.0 V (2.2 V RNG), 500.0 kHz	**1.999910**	105 µV/V	1.9994577	2.0005423	-45 µV/V	250 µV/V	**PASS** 16.61 % of 271 µV/V
2.0 V (2.2 V RNG), 700.0 kHz	**1.999772**	110 µV/V	1.9983057	2.0016943	-114 µV/V	840 µV/V	**PASS** 13.46 % of 847 µV/V
2.0 V (2.2 V RNG), 1.0 MHz	**1.999660**	110 µV/V	1.9983057	2.0016943	-170 µV/V	840 µV/V	**PASS** 20.08 % of 847 µV/V
2.1 V (2.2 V RNG), 10.0 Hz	**2.100452**	120 µV/V	2.0995102	2.1004898	215 µV/V	200 µV/V	**PASS** 92.22 % of 233 µV/V
2.1 V (2.2 V RNG), 15.0 Hz	**2.100165**	35 µV/V	2.0995736	2.1004264	79 µV/V	200 µV/V	**PASS** 38.79 % of 203 µV/V
2.1 V (2.2 V RNG), 20.0 Hz	**2.100037**	35 µV/V	2.099845	2.100155	18 µV/V	65 µV/V	**PASS** 23.80 % of 74 µV/V
2.1 V (2.2 V RNG), 40.0 Hz	**2.099989**	20 µV/V	2.0999376	2.1000624	-5 µV/V	22 µV/V	**PASS** 16.98 % of 30 µV/V
2.1 V (2.2 V RNG), 50.0 Hz	**2.100014**	20 µV/V	2.0999376	2.1000624	7 µV/V	22 µV/V	**PASS** 22.58 % of 30 µV/V
2.1 V (2.2 V RNG), 60.0 Hz	**2.100001**	20 µV/V	2.0999376	2.1000624	1 µV/V	22 µV/V	**PASS** 1.76 % of 30 µV/V
2.1 V (2.2 V RNG), 99.99 Hz	**2.099998**	8 µV/V	2.0999508	2.1000492	-1 µV/V	22 µV/V	**PASS** 3.25 % of 23 µV/V
2.1 V (2.2 V RNG), 200.0 Hz	**2.099982**	8 µV/V	2.0999508	2.1000492	-8 µV/V	22 µV/V	**PASS** 35.80 % of 23 µV/V
2.1 V (2.2 V RNG), 400.0 Hz	**2.099992**	8 µV/V	2.0999508	2.1000492	-4 µV/V	22 µV/V	**PASS** 15.66 % of 23 µV/V
2.1 V (2.2 V RNG), 1.0 kHz	**2.099998**	8 µV/V	2.0999508	2.1000492	-1 µV/V	22 µV/V	**PASS** 4.88 % of 23 µV/V
2.1 V (2.2 V RNG), 2.0 kHz	**2.099997**	8 µV/V	2.0999508	2.1000492	-1 µV/V	22 µV/V	**PASS** 5.90 % of 23 µV/V
2.1 V (2.2 V RNG), 3.0 kHz	**2.099996**	8 µV/V	2.0999508	2.1000492	-2 µV/V	22 µV/V	**PASS** 8.14 % of 23 µV/V
2.1 V (2.2 V RNG), 4.0 kHz	**2.099995**	8 µV/V	2.0999508	2.1000492	-2 µV/V	22 µV/V	**PASS** 10.37 % of 23 µV/V
2.1 V (2.2 V RNG), 5.0 kHz	**2.099991**	8 µV/V	2.0999508	2.1000492	-4 µV/V	22 µV/V	**PASS** 18.31 % of 23 µV/V
2.1 V (2.2 V RNG), 6.25 kHz	**2.100003**	8 µV/V	2.0999508	2.1000492	1 µV/V	22 µV/V	**PASS** 5.90 % of 23 µV/V
2.1 V (2.2 V RNG), 8.0 kHz	**2.099995**	8 µV/V	2.0999508	2.1000492	-2 µV/V	22 µV/V	**PASS** 9.76 % of 23 µV/V
2.1 V (2.2 V RNG), 10.0 kHz	**2.099991**	8 µV/V	2.0999508	2.1000492	-4 µV/V	22 µV/V	**PASS** 18.31 % of 23 µV/V
2.1 V (2.2 V RNG), 15.0 kHz	**2.100005**	8 µV/V	2.0999508	2.1000492	2 µV/V	22 µV/V	**PASS** 10.58 % of 23 µV/V
2.1 V (2.2 V RNG), 20.0 kHz	**2.099954**	8 µV/V	2.0999508	2.1000492	-22 µV/V	22 µV/V	**PASS** 93.17 % of 23 µV/V
2.1 V (2.2 V RNG), 30.0 kHz	**2.099973**	20 µV/V	2.0998966	2.1001034	-13 µV/V	45 µV/V	**PASS** 26.40 % of 49 µV/V
2.1 V (2.2 V RNG), 50.0 kHz	**2.100032**	25 µV/V	2.0998919	2.1001081	15 µV/V	45 µV/V	**PASS** 29.97 % of 51 µV/V
2.1 V (2.2 V RNG), 100.0 kHz	**2.100050**	25 µV/V	2.0998439	2.1001561	24 µV/V	70 µV/V	**PASS** 32.16 % of 74 µV/V
2.1 V (2.2 V RNG), 200.0 kHz	**2.100058**	100 µV/V	2.0996214	2.1003786	28 µV/V	150 µV/V	**PASS** 15.29 % of 180 µV/V
2.1 V (2.2 V RNG), 300.0 kHz	**2.100021**	100 µV/V	2.0996214	2.1003786	10 µV/V	150 µV/V	**PASS** 5.52 % of 180 µV/V
2.1 V (2.2 V RNG), 500.0 kHz	**2.099934**	105 µV/V	2.0994306	2.1005694	-31 µV/V	250 µV/V	**PASS** 11.52 % of 271 µV/V
2.1 V (2.2 V RNG), 700.0 kHz	**2.099799**	110 µV/V	2.0982209	2.1017791	-96 µV/V	840 µV/V	**PASS** 11.31 % of 847 µV/V
2.1 V (2.2 V RNG), 1.0 MHz	**2.099647**	110 µV/V	2.0982209	2.1017791	-168 µV/V	840 µV/V	**PASS** 19.84 % of 847 µV/V

Precision VAC Ranges performance test relative to 792A AC/DC standard. Checks calibration on 7 V range
The following test for the gain error in AC voltage using Fluke 792A as reference. Using 1 year 792A certificate specification combined with 5790A 90-day specification.

Test Description	Measured Value	F5720A 24h			Ref/measured	F5790A spec	Test Status
INPUT1 ACV Test	2.1 V - 7 V	792A Uncertainty	Lower Limit	Upper Limit	Deviation	90d spec	Result
2.1 V (7 V RNG), 10.0 Hz	**2.100010**	120 µV/V	2.0995102	2.1004898	5 µV/V	200 µV/V	**PASS** 2.04 % of 233 µV/V
2.1 V (7 V RNG), 15.0 Hz	**2.099940**	35 µV/V	2.0995736	2.1004264	-29 µV/V	200 µV/V	**PASS** 14.07 % of 203 µV/V
2.1 V (7 V RNG), 20.0 Hz	**2.100000**	35 µV/V	2.099845	2.100155	0 µV/V	65 µV/V	**PASS** 0.00 % of 74 µV/V
2.1 V (7 V RNG), 40.0 Hz	**2.100000**	20 µV/V	2.0999376	2.1000624	0 µV/V	22 µV/V	**PASS** 0.00 % of 30 µV/V
2.1 V (7 V RNG), 50.0 Hz	**2.099970**	20 µV/V	2.0999376	2.1000624	-14 µV/V	22 µV/V	**PASS** 48.05 % of 30 µV/V
2.1 V (7 V RNG), 60.0 Hz	**2.100000**	20 µV/V	2.0999376	2.1000624	0 µV/V	22 µV/V	**PASS** 0.00 % of 30 µV/V
2.1 V (7 V RNG), 100.0 Hz	**2.100000**	8 µV/V	2.0999508	2.1000492	0 µV/V	22 µV/V	**PASS** 0.00 % of 23 µV/V
2.1 V (7 V RNG), 200.0 Hz	**2.099990**	8 µV/V	2.0999508	2.1000492	-5 µV/V	22 µV/V	**PASS** 20.34 % of 23 µV/V
2.1 V (7 V RNG), 400.0 Hz	**2.100000**	8 µV/V	2.0999508	2.1000492	0 µV/V	22 µV/V	**PASS** 0.00 % of 23 µV/V
2.1 V (7 V RNG), 1.0 kHz	**2.100000**	8 µV/V	2.0999508	2.1000492	0 µV/V	22 µV/V	**PASS** 0.00 % of 23 µV/V
2.1 V (7 V RNG), 2.0 kHz	**2.099990**	8 µV/V	2.0999508	2.1000492	-5 µV/V	22 µV/V	**PASS** 20.34 % of 23 µV/V
2.1 V (7 V RNG), 3.0 kHz	**2.099990**	8 µV/V	2.0999508	2.1000492	-5 µV/V	22 µV/V	**PASS** 20.34 % of 23 µV/V
2.1 V (7 V RNG), 4.0 kHz	**2.099990**	8 µV/V	2.0999508	2.1000492	-5 µV/V	22 µV/V	**PASS** 20.34 % of 23 µV/V
2.1 V (7 V RNG), 5.0 kHz	**2.099990**	8 µV/V	2.0999508	2.1000492	-5 µV/V	22 µV/V	**PASS** 20.34 % of 23 µV/V
2.1 V (7 V RNG), 6.25 kHz	**2.099990**	8 µV/V	2.0999508	2.1000492	-5 µV/V	22 µV/V	**PASS** 20.34 % of 23 µV/V
2.1 V (7 V RNG), 8.0 kHz	**2.099980**	8 µV/V	2.0999508	2.1000492	-10 µV/V	22 µV/V	**PASS** 40.68 % of 23 µV/V
2.1 V (7 V RNG), 10.0 kHz	**2.099990**	8 µV/V	2.0999508	2.1000492	-5 µV/V	22 µV/V	**PASS** 20.34 % of 23 µV/V
2.1 V (7 V RNG), 15.0 kHz	**2.099950**	8 µV/V	2.0999508	2.1000492	-24 µV/V	22 µV/V	**FAIL** 101.71 % of 23 µV/V
2.1 V (7 V RNG), 20.0 kHz	**2.099940**	8 µV/V	2.0999508	2.1000492	-29 µV/V	22 µV/V	**FAIL** 122.05 % of 23 µV/V
2.1 V (7 V RNG), 30.0 kHz	**2.099950**	20 µV/V	2.0998966	2.1001034	-24 µV/V	45 µV/V	**PASS** 48.35 % of 49 µV/V
2.1 V (7 V RNG), 50.0 kHz	**2.100000**	25 µV/V	2.0998919	2.1001081	0 µV/V	45 µV/V	**PASS** 0.00 % of 51 µV/V
2.1 V (7 V RNG), 100.0 kHz	**2.100010**	25 µV/V	2.0998439	2.1001561	5 µV/V	70 µV/V	**PASS** 6.41 % of 74 µV/V
2.1 V (7 V RNG), 200.0 kHz	**2.099890**	100 µV/V	2.0996214	2.1003786	-52 µV/V	150 µV/V	**PASS** 29.06 % of 180 µV/V
2.1 V (7 V RNG), 300.0 kHz	**2.099810**	100 µV/V	2.0996214	2.1003786	-90 µV/V	150 µV/V	**PASS** 50.19 % of 180 µV/V
2.1 V (7 V RNG), 500.0 kHz	**2.099320**	105 µV/V	2.0994306	2.1005694	-324 µV/V	250 µV/V	**FAIL** 119.42 % of 271 µV/V
2.1 V (7 V RNG), 700.0 kHz	**2.098710**	110 µV/V	2.0982209	2.1017791	-614 µV/V	840 µV/V	**PASS** 72.51 % of 847 µV/V
2.1 V (7 V RNG), 1.0 MHz	**2.097030**	110 µV/V	2.0982209	2.1017791	-1414 µV/V	840 µV/V	**FAIL** 166.94 % of 847 µV/V
3 V (7 V RNG), 10.0 Hz	**3.00019**	120 µV/V	2.9993003	3.0006997	63 µV/V	200 µV/V	**PASS** 27.15 % of 233 µV/V
3 V (7 V RNG), 15.0 Hz	**3.00007**	45 µV/V	2.999385	3.000615	23 µV/V	200 µV/V	**PASS** 11.38 % of 205 µV/V
3 V (7 V RNG), 20.0 Hz	**3.00003**	45 µV/V	2.9997628	3.0002372	10 µV/V	65 µV/V	**PASS** 12.65 % of 79 µV/V
3 V (7 V RNG), 40.0 Hz	**3.00001**	24 µV/V	2.9999023	3.0000977	3 µV/V	22 µV/V	**PASS** 10.24 % of 33 µV/V
3 V (7 V RNG), 49.99 Hz	**2.99999**	24 µV/V	2.9999023	3.0000977	-3 µV/V	22 µV/V	**PASS** 10.24 % of 33 µV/V
3 V (7 V RNG), 60.0 Hz	**3.00001**	24 µV/V	2.9999023	3.0000977	3 µV/V	22 µV/V	**PASS** 10.24 % of 33 µV/V
3 V (7 V RNG), 99.99 Hz	**2.99998**	12 µV/V	2.9999248	3.0000752	-7 µV/V	22 µV/V	**PASS** 26.60 % of 25 µV/V
3 V (7 V RNG), 200.0 Hz	**2.99997**	12 µV/V	2.9999248	3.0000752	-10 µV/V	22 µV/V	**PASS** 39.90 % of 25 µV/V
3 V (7 V RNG), 400.0 Hz	**2.99997**	12 µV/V	2.9999248	3.0000752	-10 µV/V	22 µV/V	**PASS** 39.90 % of 25 µV/V
3 V (7 V RNG), 1.0 kHz	**2.99997**	12 µV/V	2.9999248	3.0000752	-10 µV/V	22 µV/V	**PASS** 39.90 % of 25 µV/V

3 V (7 V RNG), 2.0 kHz	**2.99995**	12 µV/V	2.9999248	3.0000752	-17 µV/V	22 µV/V	**PASS** 66.51 % of 25 µV/V
3 V (7 V RNG), 3.0 kHz	**2.99997**	11 µV/V	2.9999262	3.0000738	-10 µV/V	22 µV/V	**PASS** 40.66 % of 25 µV/V
3 V (7 V RNG), 4.0 kHz	**2.99997**	11 µV/V	2.9999262	3.0000738	-10 µV/V	22 µV/V	**PASS** 40.66 % of 25 µV/V
3 V (7 V RNG), 5.0 kHz	**2.99996**	10 µV/V	2.9999275	3.0000725	-13 µV/V	22 µV/V	**PASS** 55.17 % of 24 µV/V
3 V (7 V RNG), 6.25 kHz	**2.99995**	11 µV/V	2.9999262	3.0000738	-17 µV/V	22 µV/V	**PASS** 67.76 % of 25 µV/V
3 V (7 V RNG), 8.0 kHz	**2.99996**	12 µV/V	2.9999248	3.0000752	-13 µV/V	22 µV/V	**PASS** 53.21 % of 25 µV/V
3 V (7 V RNG), 10.0 kHz	**2.99995**	12 µV/V	2.9999248	3.0000752	-17 µV/V	22 µV/V	**PASS** 66.51 % of 25 µV/V
3 V (7 V RNG), 15.0 kHz	**2.99992**	12 µV/V	2.9999248	3.0000752	-27 µV/V	22 µV/V	**FAIL** 106.41 % of 25 µV/V
3 V (7 V RNG), 20.0 kHz	**2.99998**	12 µV/V	2.9999248	3.0000752	-7 µV/V	22 µV/V	**PASS** 26.60 % of 25 µV/V
3 V (7 V RNG), 30.0 kHz	**2.99997**	30 µV/V	2.9998378	3.0001622	-10 µV/V	45 µV/V	**PASS** 18.49 % of 54 µV/V
3 V (7 V RNG), 50.0 kHz	**2.99998**	30 µV/V	2.9998378	3.0001622	-7 µV/V	45 µV/V	**PASS** 12.33 % of 54 µV/V
3 V (7 V RNG), 100.0 kHz	**2.99997**	35 µV/V	2.9997652	3.0002348	-10 µV/V	70 µV/V	**PASS** 12.78 % of 78 µV/V
3 V (7 V RNG), 200.0 kHz	**2.99991**	105 µV/V	2.9994507	3.0005493	-30 µV/V	150 µV/V	**PASS** 16.38 % of 183 µV/V
3 V (7 V RNG), 300.0 kHz	**2.99976**	105 µV/V	2.9994507	3.0005493	-80 µV/V	150 µV/V	**PASS** 43.69 % of 183 µV/V
3 V (7 V RNG), 500.0 kHz	**2.99906**	110 µV/V	2.9991806	3.0008194	-313 µV/V	250 µV/V	**FAIL** 114.72 % of 273 µV/V
3 V (7 V RNG), 700.0 kHz	**2.99818**	120 µV/V	2.9974544	3.0025456	-607 µV/V	840 µV/V	**PASS** 71.50 % of 849 µV/V
3 V (7 V RNG), 1.0 MHz	**2.99542**	120 µV/V	2.9974544	3.0025456	-1527 µV/V	840 µV/V	**FAIL** 179.92 % of 849 µV/V
6 V (7 V RNG), 10.0 Hz	**6.00118**	120 µV/V	5.9986006	6.0013994	197 µV/V	200 µV/V	**PASS** 84.32 % of 233 µV/V
6 V (7 V RNG), 15.0 Hz	**6.00045**	40 µV/V	5.9987762	6.0012238	75 µV/V	200 µV/V	**PASS** 36.77 % of 204 µV/V
6 V (7 V RNG), 20.0 Hz	**6.00030**	40 µV/V	5.9995421	6.0004579	50 µV/V	65 µV/V	**PASS** 65.51 % of 76 µV/V
6 V (7 V RNG), 39.96 Hz	**6.00010**	20 µV/V	5.9998216	6.0001784	17 µV/V	22 µV/V	**PASS** 56.06 % of 30 µV/V
6 V (7 V RNG), 49.99 Hz	**6.00001**	20 µV/V	5.9998216	6.0001784	2 µV/V	22 µV/V	**PASS** 5.61 % of 30 µV/V
6 V (7 V RNG), 60.0 Hz	**6.00005**	20 µV/V	5.9998216	6.0001784	8 µV/V	22 µV/V	**PASS** 28.03 % of 30 µV/V
6 V (7 V RNG), 100.0 Hz	**6.00002**	9 µV/V	5.9998574	6.0001426	3 µV/V	22 µV/V	**PASS** 14.02 % of 24 µV/V
6 V (7 V RNG), 200.0 Hz	**6.00001**	9 µV/V	5.9998574	6.0001426	2 µV/V	22 µV/V	**PASS** 7.01 % of 24 µV/V
6 V (7 V RNG), 400.0 Hz	**5.99999**	9 µV/V	5.9998574	6.0001426	-2 µV/V	22 µV/V	**PASS** 7.01 % of 24 µV/V
6 V (7 V RNG), 1.0 kHz	**6.00000**	9 µV/V	5.9998574	6.0001426	0 µV/V	22 µV/V	**PASS** 0.00 % of 24 µV/V
6 V (7 V RNG), 2.0 kHz	**5.99998**	9 µV/V	5.9998574	6.0001426	-3 µV/V	22 µV/V	**PASS** 14.02 % of 24 µV/V
6 V (7 V RNG), 3.0 kHz	**5.99997**	9 µV/V	5.9998574	6.0001426	-5 µV/V	22 µV/V	**PASS** 21.04 % of 24 µV/V
6 V (7 V RNG), 4.0 kHz	**6.00000**	9 µV/V	5.9998574	6.0001426	0 µV/V	22 µV/V	**PASS** 0.00 % of 24 µV/V
6 V (7 V RNG), 5.0 kHz	**5.99997**	9 µV/V	5.9998574	6.0001426	-5 µV/V	22 µV/V	**PASS** 21.04 % of 24 µV/V
6 V (7 V RNG), 6.25 kHz	**5.99996**	9 µV/V	5.9998574	6.0001426	-7 µV/V	22 µV/V	**PASS** 28.05 % of 24 µV/V
6 V (7 V RNG), 8.0 kHz	**5.99996**	9 µV/V	5.9998574	6.0001426	-7 µV/V	22 µV/V	**PASS** 28.05 % of 24 µV/V
6 V (7 V RNG), 10.0 kHz	**5.99996**	9 µV/V	5.9998574	6.0001426	-7 µV/V	22 µV/V	**PASS** 28.05 % of 24 µV/V
6 V (7 V RNG), 15.0 kHz	**5.99988**	9 µV/V	5.9998574	6.0001426	-20 µV/V	22 µV/V	**PASS** 84.14 % of 24 µV/V
6 V (7 V RNG), 20.0 kHz	**5.99991**	9 µV/V	5.9998574	6.0001426	-15 µV/V	22 µV/V	**PASS** 63.11 % of 24 µV/V
6 V (7 V RNG), 30.0 kHz	**5.99998**	25 µV/V	5.9996911	6.0003089	-3 µV/V	45 µV/V	**PASS** 6.48 % of 51 µV/V
6 V (7 V RNG), 50.0 kHz	**5.99998**	25 µV/V	5.9996911	6.0003089	-3 µV/V	45 µV/V	**PASS** 6.48 % of 51 µV/V
6 V (7 V RNG), 100.0 kHz	**6.00000**	30 µV/V	5.9995431	6.0004569	0 µV/V	70 µV/V	**PASS** 0.00 % of 76 µV/V
6 V (7 V RNG), 200.0 kHz	**5.99963**	100 µV/V	5.9989183	6.0010817	-62 µV/V	150 µV/V	**PASS** 34.21 % of 180 µV/V
6 V (7 V RNG), 300.0 kHz	**5.99941**	100 µV/V	5.9989183	6.0010817	-98 µV/V	150 µV/V	**PASS** 54.55 % of 180 µV/V
6 V (7 V RNG), 500.0 kHz	**5.99802**	105 µV/V	5.9983731	6.0016269	-330 µV/V	250 µV/V	**FAIL** 121.70 % of 271 µV/V

6 V (7 V RNG), 700.0 kHz	**5.99615**	110 µV/V	5.994917	6.005083	-642 µV/V	840 µV/V	**PASS** 75.74 % of 847 µV/V
6 V (7 V RNG), 1.0 MHz	**5.99072**	110 µV/V	5.994917	6.005083	-1547 µV/V	840 µV/V	**FAIL** 182.57 % of 847 µV/V

Precision VAC Ranges performance test relative to 792A AC/DC standard. Checks calibration on 22 V range
The following test for the gain error in AC voltage using Fluke 792A as reference. Using 1 year 792A certificate specification combined with 5790A 90-day specification.

Test Description	Measured Value	F5720A 24h			Ref/measured	F5790A spec	Test Status
INPUT1 ACV Test	**6 V - 21 V**	**792A Uncertainty**	**Lower Limit**	**Upper Limit**	**Deviation**	**90d spec**	**Result**
6 V (22 V RNG), 10.0 Hz	**6.000086**	120 µV/V	5.9986006	6.0013994	14 µV/V	200 µV/V	**PASS** 6.15 % of 233 µV/V
6 V (22 V RNG), 15.0 Hz	**6.000103**	40 µV/V	5.9987762	6.0012238	17 µV/V	200 µV/V	**PASS** 8.42 % of 204 µV/V
6 V (22 V RNG), 19.97 Hz	**6.000035**	40 µV/V	5.9987762	6.0012238	6 µV/V	200 µV/V	**PASS** 2.86 % of 204 µV/V
6 V (22 V RNG), 40.0 Hz	**6.000021**	28 µV/V	5.9995698	6.0004302	4 µV/V	66 µV/V	**PASS** 4.88 % of 72 µV/V
6 V (22 V RNG), 49.99 Hz	**6.000024**	28 µV/V	5.9997748	6.0002252	4 µV/V	25 µV/V	**PASS** 10.66 % of 38 µV/V
6 V (22 V RNG), 60.0 Hz	**5.999972**	28 µV/V	5.9997748	6.0002252	-5 µV/V	25 µV/V	**PASS** 12.43 % of 38 µV/V
6 V (22 V RNG), 100.0 Hz	**5.999991**	15 µV/V	5.9998251	6.0001749	-2 µV/V	25 µV/V	**PASS** 5.14 % of 29 µV/V
6 V (22 V RNG), 200.0 Hz	**5.999969**	15 µV/V	5.9998251	6.0001749	-5 µV/V	25 µV/V	**PASS** 17.72 % of 29 µV/V
6 V (22 V RNG), 400.0 Hz	**5.999997**	15 µV/V	5.9998251	6.0001749	-1 µV/V	25 µV/V	**PASS** 1.71 % of 29 µV/V
6 V (22 V RNG), 1.0 kHz	**5.999993**	15 µV/V	5.9998251	6.0001749	-1 µV/V	25 µV/V	**PASS** 4.00 % of 29 µV/V
6 V (22 V RNG), 2.0 kHz	**5.999965**	15 µV/V	5.9998251	6.0001749	-6 µV/V	25 µV/V	**PASS** 20.01 % of 29 µV/V
6 V (22 V RNG), 3.0 kHz	**5.999965**	15 µV/V	5.9998251	6.0001749	-6 µV/V	25 µV/V	**PASS** 20.01 % of 29 µV/V
6 V (22 V RNG), 4.0 kHz	**5.999958**	15 µV/V	5.9998251	6.0001749	-7 µV/V	25 µV/V	**PASS** 24.01 % of 29 µV/V
6 V (22 V RNG), 5.0 kHz	**5.999960**	15 µV/V	5.9998251	6.0001749	-7 µV/V	25 µV/V	**PASS** 22.87 % of 29 µV/V
6 V (22 V RNG), 6.25 kHz	**5.999960**	15 µV/V	5.9998251	6.0001749	-7 µV/V	25 µV/V	**PASS** 22.87 % of 29 µV/V
6 V (22 V RNG), 8.0 kHz	**5.999956**	15 µV/V	5.9998251	6.0001749	-7 µV/V	25 µV/V	**PASS** 25.15 % of 29 µV/V
6 V (22 V RNG), 10.0 kHz	**5.999930**	15 µV/V	5.9998251	6.0001749	-12 µV/V	25 µV/V	**PASS** 40.02 % of 29 µV/V
6 V (22 V RNG), 15.0 kHz	**5.999885**	15 µV/V	5.9998251	6.0001749	-19 µV/V	25 µV/V	**PASS** 65.74 % of 29 µV/V
6 V (22 V RNG), 20.0 kHz	**5.999885**	15 µV/V	5.9998251	6.0001749	-19 µV/V	25 µV/V	**PASS** 65.74 % of 29 µV/V
6 V (22 V RNG), 30.0 kHz	**5.999981**	30 µV/V	5.9996705	6.0003295	-3 µV/V	46 µV/V	**PASS** 5.77 % of 55 µV/V
6 V (22 V RNG), 50.0 kHz	**5.999981**	30 µV/V	5.9996705	6.0003295	-3 µV/V	46 µV/V	**PASS** 5.77 % of 55 µV/V
6 V (22 V RNG), 100.0 kHz	**6.000003**	35 µV/V	5.9994761	6.0005239	1 µV/V	80 µV/V	**PASS** 0.57 % of 87 µV/V
6 V (22 V RNG), 200.0 kHz	**5.999626**	100 µV/V	5.9987645	6.0012355	-62 µV/V	180 µV/V	**PASS** 30.27 % of 206 µV/V
6 V (22 V RNG), 300.0 kHz	**5.999400**	105 µV/V	5.9987497	6.0012503	-100 µV/V	180 µV/V	**PASS** 47.99 % of 208 µV/V
6 V (22 V RNG), 500.0 kHz	**5.998283**	105 µV/V	5.9976346	6.0023654	-286 µV/V	380 µV/V	**PASS** 72.59 % of 394 µV/V
6 V (22 V RNG), 700.0 kHz	**5.996741**	130 µV/V	5.9933541	6.0066459	-543 µV/V	1100 µV/V	**PASS** 49.04 % of 1108 µV/V
6 V (22 V RNG), 1.0 MHz	**5.993475**	130 µV/V	5.9933541	6.0066459	-1088 µV/V	1100 µV/V	**PASS** 98.18 % of 1108 µV/V
10 V (22 V RNG), 10.0 Hz	**10.000910**	120 µV/V	9.9976676	10.002332	91 µV/V	200 µV/V	**PASS** 39.02 % of 233 µV/V
10 V (22 V RNG), 15.0 Hz	**10.000450**	40 µV/V	9.9979604	10.00204	45 µV/V	200 µV/V	**PASS** 22.06 % of 204 µV/V
10 V (22 V RNG), 20.0 Hz	**10.000030**	40 µV/V	9.9992282	10.000772	3 µV/V	66 µV/V	**PASS** 3.89 % of 77 µV/V
10 V (22 V RNG), 40.0 Hz	**10.000032**	25 µV/V	9.9996464	10.000354	3 µV/V	25 µV/V	**PASS** 9.05 % of 35 µV/V
10 V (22 V RNG), 49.99 Hz	**10.000023**	25 µV/V	9.9996464	10.000354	2 µV/V	25 µV/V	**PASS** 6.51 % of 35 µV/V
10 V (22 V RNG), 60.0 Hz	**10.000013**	25 µV/V	9.9996464	10.000354	1 µV/V	25 µV/V	**PASS** 3.68 % of 35 µV/V
10 V (22 V RNG), 100.0 Hz	**9.999998**	12 µV/V	9.9997227	10.000277	-0 µV/V	25 µV/V	**PASS** 0.72 % of 28 µV/V

10 V (22 V RNG), 200.0 Hz	**9.999972**	12 µV/V	9.9997227	10.000277	-3 µV/V	25 µV/V	**PASS** 10.10 % of 28 µV/V
10 V (22 V RNG), 400.0 Hz	**9.999999**	12 µV/V	9.9997227	10.000277	-0 µV/V	25 µV/V	**PASS** 0.36 % of 28 µV/V
10 V (22 V RNG), 1.0 kHz	**9.999998**	12 µV/V	9.9997227	10.000277	-0 µV/V	25 µV/V	**PASS** 0.72 % of 28 µV/V
10 V (22 V RNG), 2.0 kHz	**9.999987**	12 µV/V	9.9997227	10.000277	-1 µV/V	25 µV/V	**PASS** 4.69 % of 28 µV/V
10 V (22 V RNG), 3.0 kHz	**9.999976**	12 µV/V	9.9997227	10.000277	-2 µV/V	25 µV/V	**PASS** 8.65 % of 28 µV/V
10 V (22 V RNG), 4.0 kHz	**9.999968**	12 µV/V	9.9997227	10.000277	-3 µV/V	25 µV/V	**PASS** 11.54 % of 28 µV/V
10 V (22 V RNG), 5.0 kHz	**9.999971**	12 µV/V	9.9997227	10.000277	-3 µV/V	25 µV/V	**PASS** 10.46 % of 28 µV/V
10 V (22 V RNG), 6.25 kHz	**9.999929**	12 µV/V	9.9997227	10.000277	-7 µV/V	25 µV/V	**PASS** 25.60 % of 28 µV/V
10 V (22 V RNG), 8.0 kHz	**9.999938**	12 µV/V	9.9997227	10.000277	-6 µV/V	25 µV/V	**PASS** 22.36 % of 28 µV/V
10 V (22 V RNG), 10.0 kHz	**9.999939**	12 µV/V	9.9997227	10.000277	-6 µV/V	25 µV/V	**PASS** 22.00 % of 28 µV/V
10 V (22 V RNG), 15.0 kHz	**9.999783**	12 µV/V	9.9997227	10.000277	-22 µV/V	25 µV/V	**PASS** 78.25 % of 28 µV/V
10 V (22 V RNG), 20.0 kHz	**9.999871**	12 µV/V	9.9997227	10.000277	-13 µV/V	25 µV/V	**PASS** 46.52 % of 28 µV/V
10 V (22 V RNG), 30.0 kHz	**9.999970**	20 µV/V	9.9994984	10.000502	-3 µV/V	46 µV/V	**PASS** 5.98 % of 50 µV/V
10 V (22 V RNG), 50.0 kHz	**10.000022**	20 µV/V	9.9994984	10.000502	2 µV/V	46 µV/V	**PASS** 4.39 % of 50 µV/V
10 V (22 V RNG), 100.0 kHz	**10.000021**	25 µV/V	9.9991618	10.000838	2 µV/V	80 µV/V	**PASS** 2.51 % of 84 µV/V
10 V (22 V RNG), 200.0 kHz	**9.999412**	100 µV/V	9.9979409	10.002059	-59 µV/V	180 µV/V	**PASS** 28.56 % of 206 µV/V
10 V (22 V RNG), 300.0 kHz	**9.999052**	105 µV/V	9.9979161	10.002084	-95 µV/V	180 µV/V	**PASS** 45.49 % of 208 µV/V
10 V (22 V RNG), 500.0 kHz	**9.997231**	105 µV/V	9.9960576	10.003942	-277 µV/V	380 µV/V	**PASS** 70.24 % of 394 µV/V
10 V (22 V RNG), 700.0 kHz	**9.994590**	110 µV/V	9.9889451	10.011055	-541 µV/V	1100 µV/V	**PASS** 48.94 % of 1105 µV/V
10 V (22 V RNG), 1.0 MHz	**9.989135**	110 µV/V	9.9889451	10.011055	-1087 µV/V	1100 µV/V	**PASS** 98.28 % of 1105 µV/V
20 V (22 V RNG), 10.0 Hz	**20.003968**	120 µV/V	19.995335	20.004665	198 µV/V	200 µV/V	**PASS** 85.06 % of 233 µV/V
20 V (22 V RNG), 15.0 Hz	**20.001971**	45 µV/V	19.9959	20.0041	99 µV/V	200 µV/V	**PASS** 48.07 % of 205 µV/V
20 V (22 V RNG), 20.0 Hz	**20.001048**	45 µV/V	19.998402	20.001598	52 µV/V	66 µV/V	**PASS** 65.60 % of 80 µV/V
20 V (22 V RNG), 40.0 Hz	**20.000441**	22 µV/V	19.999334	20.000666	22 µV/V	25 µV/V	**PASS** 66.21 % of 33 µV/V
20 V (22 V RNG), 50.0 Hz	**20.000209**	22 µV/V	19.999334	20.000666	10 µV/V	25 µV/V	**PASS** 31.38 % of 33 µV/V
20 V (22 V RNG), 60.0 Hz	**20.000162**	22 µV/V	19.999334	20.000666	8 µV/V	25 µV/V	**PASS** 24.32 % of 33 µV/V
20 V (22 V RNG), 100.0 Hz	**20.000139**	12 µV/V	19.999445	20.000555	7 µV/V	25 µV/V	**PASS** 25.06 % of 28 µV/V
20 V (22 V RNG), 200.0 Hz	**20.000031**	12 µV/V	19.999445	20.000555	2 µV/V	25 µV/V	**PASS** 5.59 % of 28 µV/V
20 V (22 V RNG), 400.0 Hz	**20.000102**	12 µV/V	19.999445	20.000555	5 µV/V	25 µV/V	**PASS** 18.39 % of 28 µV/V
20 V (22 V RNG), 1.0 kHz	**20.000130**	12 µV/V	19.999445	20.000555	7 µV/V	25 µV/V	**PASS** 23.44 % of 28 µV/V
20 V (22 V RNG), 2.0 kHz	**20.000028**	12 µV/V	19.999445	20.000555	1 µV/V	25 µV/V	**PASS** 5.05 % of 28 µV/V
20 V (22 V RNG), 3.0 kHz	**20.000107**	12 µV/V	19.999445	20.000555	5 µV/V	25 µV/V	**PASS** 19.29 % of 28 µV/V
20 V (22 V RNG), 4.0 kHz	**20.000080**	12 µV/V	19.999445	20.000555	4 µV/V	25 µV/V	**PASS** 14.42 % of 28 µV/V
20 V (22 V RNG), 5.0 kHz	**20.000070**	12 µV/V	19.999445	20.000555	4 µV/V	25 µV/V	**PASS** 12.62 % of 28 µV/V
20 V (22 V RNG), 6.25 kHz	**20.000077**	12 µV/V	19.999445	20.000555	4 µV/V	25 µV/V	**PASS** 13.88 % of 28 µV/V
20 V (22 V RNG), 8.0 kHz	**20.000042**	12 µV/V	19.999445	20.000555	2 µV/V	25 µV/V	**PASS** 7.57 % of 28 µV/V
20 V (22 V RNG), 10.0 kHz	**19.999989**	12 µV/V	19.999445	20.000555	-1 µV/V	25 µV/V	**PASS** 1.98 % of 28 µV/V
20 V (22 V RNG), 15.0 kHz	**19.999769**	12 µV/V	19.999445	20.000555	-12 µV/V	25 µV/V	**PASS** 41.65 % of 28 µV/V
20 V (22 V RNG), 20.0 kHz	**19.999839**	12 µV/V	19.999445	20.000555	-8 µV/V	25 µV/V	**PASS** 29.03 % of 28 µV/V
20 V (22 V RNG), 30.0 kHz	**19.999847**	20 µV/V	19.998997	20.001003	-8 µV/V	46 µV/V	**PASS** 15.25 % of 50 µV/V
20 V (22 V RNG), 50.0 kHz	**20.000038**	20 µV/V	19.998997	20.001003	2 µV/V	46 µV/V	**PASS** 3.79 % of 50 µV/V
20 V (22 V RNG), 100.0 kHz	**20.000067**	25 µV/V	19.998324	20.001676	3 µV/V	80 µV/V	**PASS** 4.00 % of 84 µV/V

20 V (22 V RNG), 200.0 kHz	**19.998784**	100 µV/V	19.995882	20.004118	-61 µV/V	180 µV/V	**PASS** 29.53 % of 206 µV/V
20 V (22 V RNG), 300.0 kHz	**19.998055**	110 µV/V	19.995781	20.004219	-97 µV/V	180 µV/V	**PASS** 46.10 % of 211 µV/V
20 V (22 V RNG), 500.0 kHz	**19.994140**	110 µV/V	19.992088	20.007912	-293 µV/V	380 µV/V	**PASS** 74.06 % of 396 µV/V
20 V (22 V RNG), 700.0 kHz	**19.988978**	115 µV/V	19.97788	20.02212	-551 µV/V	1100 µV/V	**PASS** 49.83 % of 1106 µV/V
20 V (22 V RNG), 1.0 MHz	**19.978110**	115 µV/V	19.97788	20.02212	-1094 µV/V	1100 µV/V	**PASS** 98.96 % of 1106 µV/V
21 V (22 V RNG), 10.0 Hz	**21.005177**	120 µV/V	20.995102	21.004898	247 µV/V	200 µV/V	**FAIL** 105.70 % of 233 µV/V
21 V (22 V RNG), 15.0 Hz	**21.003014**	40 µV/V	20.995717	21.004283	144 µV/V	200 µV/V	**PASS** 70.37 % of 204 µV/V
21 V (22 V RNG), 20.0 Hz	**21.001385**	40 µV/V	20.998379	21.001621	66 µV/V	66 µV/V	**PASS** 85.46 % of 77 µV/V
21 V (22 V RNG), 40.0 Hz	**21.000533**	22 µV/V	20.999301	21.000699	25 µV/V	25 µV/V	**PASS** 76.22 % of 33 µV/V
21 V (22 V RNG), 50.0 Hz	**21.000205**	22 µV/V	20.999301	21.000699	10 µV/V	25 µV/V	**PASS** 29.31 % of 33 µV/V
21 V (22 V RNG), 60.0 Hz	**21.000286**	22 µV/V	20.999301	21.000699	14 µV/V	25 µV/V	**PASS** 40.90 % of 33 µV/V
21 V (22 V RNG), 100.0 Hz	**21.000201**	12 µV/V	20.999418	21.000582	10 µV/V	25 µV/V	**PASS** 34.52 % of 28 µV/V
21 V (22 V RNG), 200.0 Hz	**21.000184**	12 µV/V	20.999418	21.000582	9 µV/V	25 µV/V	**PASS** 31.60 % of 28 µV/V
21 V (22 V RNG), 400.0 Hz	**21.000157**	12 µV/V	20.999418	21.000582	7 µV/V	25 µV/V	**PASS** 26.96 % of 28 µV/V
21 V (22 V RNG), 1.0 kHz	**21.000153**	12 µV/V	20.999418	21.000582	7 µV/V	25 µV/V	**PASS** 26.27 % of 28 µV/V
21 V (22 V RNG), 2.0 kHz	**21.000054**	12 µV/V	20.999418	21.000582	3 µV/V	25 µV/V	**PASS** 9.27 % of 28 µV/V
21 V (22 V RNG), 3.0 kHz	**21.000137**	12 µV/V	20.999418	21.000582	7 µV/V	25 µV/V	**PASS** 23.53 % of 28 µV/V
21 V (22 V RNG), 4.0 kHz	**21.000113**	12 µV/V	20.999418	21.000582	5 µV/V	25 µV/V	**PASS** 19.40 % of 28 µV/V
21 V (22 V RNG), 5.0 kHz	**21.000135**	12 µV/V	20.999418	21.000582	6 µV/V	25 µV/V	**PASS** 23.18 % of 28 µV/V
21 V (22 V RNG), 6.25 kHz	**21.000086**	12 µV/V	20.999418	21.000582	4 µV/V	25 µV/V	**PASS** 14.77 % of 28 µV/V
21 V (22 V RNG), 8.0 kHz	**21.000066**	12 µV/V	20.999418	21.000582	3 µV/V	25 µV/V	**PASS** 11.33 % of 28 µV/V
21 V (22 V RNG), 10.0 kHz	**21.000023**	12 µV/V	20.999418	21.000582	1 µV/V	25 µV/V	**PASS** 3.95 % of 28 µV/V
21 V (22 V RNG), 15.0 kHz	**20.999641**	12 µV/V	20.999418	21.000582	-17 µV/V	25 µV/V	**PASS** 61.65 % of 28 µV/V
21 V (22 V RNG), 20.0 kHz	**20.999882**	12 µV/V	20.999418	21.000582	-6 µV/V	25 µV/V	**PASS** 20.26 % of 28 µV/V
21 V (22 V RNG), 30.0 kHz	**20.999850**	20 µV/V	20.998947	21.001053	-7 µV/V	46 µV/V	**PASS** 14.24 % of 50 µV/V
21 V (22 V RNG), 50.0 kHz	**21.000030**	20 µV/V	20.998947	21.001053	1 µV/V	46 µV/V	**PASS** 2.85 % of 50 µV/V
21 V (22 V RNG), 100.0 kHz	**21.000100**	25 µV/V	20.99824	21.00176	5 µV/V	80 µV/V	**PASS** 5.68 % of 84 µV/V
21 V (22 V RNG), 200.0 kHz	**20.998632**	105 µV/V	20.995624	21.004376	-65 µV/V	180 µV/V	**PASS** 31.26 % of 208 µV/V
21 V (22 V RNG), 300.0 kHz	**20.997901**	110 µV/V	20.99557	21.00443	-100 µV/V	180 µV/V	**PASS** 47.38 % of 211 µV/V
21 V (22 V RNG), 500.0 kHz	**20.993768**	110 µV/V	20.991692	21.008308	-297 µV/V	380 µV/V	**PASS** 75.02 % of 396 µV/V
21 V (22 V RNG), 700.0 kHz	**20.988454**	115 µV/V	20.976774	21.023226	-550 µV/V	1100 µV/V	**PASS** 49.71 % of 1106 µV/V
21 V (22 V RNG), 1.0 MHz	**20.978219**	115 µV/V	20.976774	21.023226	-1037 µV/V	1100 µV/V	**PASS** 93.78 % of 1106 µV/V

Precision VAC Ranges performance test relative to 792A AC/DC standard. Checks calibration on 70 V range
The following test for the gain error in AC voltage using Fluke 792A as reference. Using 1 year 792A certificate specification combined with 5790A 90-day specification.

Test Description	Measured Value	F5720A 24h			Ref/measured	F5790A spec	Test Status
INPUT1 ACV Test	**21 V - 70 V**	**792A Uncertainty**	**Lower Limit**	**Upper Limit**	**Deviation**	**90d spec**	**Result**
21 V (70 V RNG), 10.01 Hz	**20.99980**	120 µV/V	20.995102	21.004898	-10 µV/V	200 µV/V	**PASS** 4.08 % of 233 µV/V
21 V (70 V RNG), 15.0 Hz	**21.00026**	40 µV/V	20.995717	21.004283	12 µV/V	200 µV/V	**PASS** 6.07 % of 204 µV/V
21 V (70 V RNG), 20.02 Hz	**20.99967**	40 µV/V	20.998397	21.001603	-16 µV/V	65 µV/V	**PASS** 20.59 % of 76 µV/V
21 V (70 V RNG), 40.0 Hz	**20.99962**	22 µV/V	20.999347	21.000653	-18 µV/V	22 µV/V	**PASS** 58.16 % of 31 µV/V

21 V (70 V RNG), 50.0 Hz	**20.99990**	22 µV/V	20.999347	21.000653	-5 µV/V	22 µV/V	**PASS** 15.31 % of 31 µV/V
21 V (70 V RNG), 60.0 Hz	**20.99990**	22 µV/V	20.999347	21.000653	-5 µV/V	22 µV/V	**PASS** 15.31 % of 31 µV/V
21 V (70 V RNG), 99.99 Hz	**21.00006**	12 µV/V	20.999474	21.000526	3 µV/V	22 µV/V	**PASS** 11.40 % of 25 µV/V
21 V (70 V RNG), 200.0 Hz	**20.99988**	12 µV/V	20.999474	21.000526	-6 µV/V	22 µV/V	**PASS** 22.80 % of 25 µV/V
21 V (70 V RNG), 400.0 Hz	**20.99996**	12 µV/V	20.999474	21.000526	-2 µV/V	22 µV/V	**PASS** 7.60 % of 25 µV/V
21 V (70 V RNG), 1.0 kHz	**21.00000**	12 µV/V	20.999474	21.000526	0 µV/V	22 µV/V	**PASS** 0.00 % of 25 µV/V
21 V (70 V RNG), 2.0 kHz	**20.99996**	12 µV/V	20.999474	21.000526	-2 µV/V	22 µV/V	**PASS** 7.60 % of 25 µV/V
21 V (70 V RNG), 3.0 kHz	**20.99997**	12 µV/V	20.999474	21.000526	-1 µV/V	22 µV/V	**PASS** 5.70 % of 25 µV/V
21 V (70 V RNG), 4.0 kHz	**20.99992**	12 µV/V	20.999474	21.000526	-4 µV/V	22 µV/V	**PASS** 15.20 % of 25 µV/V
21 V (70 V RNG), 5.0 kHz	**20.99993**	12 µV/V	20.999474	21.000526	-3 µV/V	22 µV/V	**PASS** 13.30 % of 25 µV/V
21 V (70 V RNG), 6.25 kHz	**20.99994**	12 µV/V	20.999474	21.000526	-3 µV/V	22 µV/V	**PASS** 11.40 % of 25 µV/V
21 V (70 V RNG), 8.0 kHz	**20.99985**	12 µV/V	20.999474	21.000526	-7 µV/V	22 µV/V	**PASS** 28.50 % of 25 µV/V
21 V (70 V RNG), 10.0 kHz	**20.99986**	12 µV/V	20.999474	21.000526	-7 µV/V	22 µV/V	**PASS** 26.60 % of 25 µV/V
21 V (70 V RNG), 15.0 kHz	**20.99956**	12 µV/V	20.999474	21.000526	-21 µV/V	22 µV/V	**PASS** 83.61 % of 25 µV/V
21 V (70 V RNG), 20.0 kHz	**20.99965**	12 µV/V	20.999474	21.000526	-17 µV/V	22 µV/V	**PASS** 66.51 % of 25 µV/V
21 V (70 V RNG), 30.0 kHz	**20.99971**	18 µV/V	20.998982	21.001018	-14 µV/V	45 µV/V	**PASS** 28.49 % of 48 µV/V
21 V (70 V RNG), 50.0 kHz	**20.99977**	20 µV/V	20.998966	21.001034	-11 µV/V	45 µV/V	**PASS** 22.24 % of 49 µV/V
21 V (70 V RNG), 100.0 kHz	**20.99946**	25 µV/V	20.998439	21.001561	-26 µV/V	70 µV/V	**PASS** 34.59 % of 74 µV/V
21 V (70 V RNG), 200.0 kHz	**20.99869**	105 µV/V	20.996155	21.003845	-62 µV/V	150 µV/V	**PASS** 34.07 % of 183 µV/V
21 V (70 V RNG), 300.0 kHz	**20.99767**	110 µV/V	20.996094	21.003906	-111 µV/V	150 µV/V	**PASS** 59.65 % of 186 µV/V
21 V (70 V RNG), 500.0 kHz	**20.99534**	110 µV/V	20.994264	21.005736	-222 µV/V	250 µV/V	**PASS** 81.25 % of 273 µV/V
21 V (70 V RNG), 700.0 kHz	**20.98778**	115 µV/V	20.982195	21.017805	-582 µV/V	840 µV/V	**PASS** 68.63 % of 848 µV/V
21 V (70 V RNG), 1.0 MHz	**20.97458**	115 µV/V	20.982195	21.017805	-1210 µV/V	840 µV/V	**FAIL** 142.77 % of 848 µV/V
30 V (70 V RNG), 10.0 Hz	**30.0020**	120 µV/V	29.993003	30.006997	67 µV/V	200 µV/V	**PASS** 28.87 % of 233 µV/V
30 V (70 V RNG), 15.0 Hz	**30.0009**	43 µV/V	29.993863	30.006137	30 µV/V	200 µV/V	**PASS** 14.83 % of 205 µV/V
30 V (70 V RNG), 20.0 Hz	**30.0004**	43 µV/V	29.997662	30.002338	14 µV/V	65 µV/V	**PASS** 17.96 % of 78 µV/V
30 V (70 V RNG), 40.0 Hz	**30.0000**	23 µV/V	29.999045	30.000955	0 µV/V	22 µV/V	**PASS** 0.00 % of 32 µV/V
30 V (70 V RNG), 50.0 Hz	**30.0001**	23 µV/V	29.999045	30.000955	5 µV/V	22 µV/V	**PASS** 14.66 % of 32 µV/V
30 V (70 V RNG), 60.0 Hz	**29.9999**	23 µV/V	29.999045	30.000955	-2 µV/V	22 µV/V	**PASS** 7.33 % of 32 µV/V
30 V (70 V RNG), 100.0 Hz	**30.0000**	18 µV/V	29.999147	30.000853	0 µV/V	22 µV/V	**PASS** 1.17 % of 28 µV/V
30 V (70 V RNG), 200.0 Hz	**29.9999**	18 µV/V	29.999147	30.000853	-4 µV/V	22 µV/V	**PASS** 12.90 % of 28 µV/V
30 V (70 V RNG), 400.0 Hz	**29.9998**	18 µV/V	29.999147	30.000853	-5 µV/V	22 µV/V	**PASS** 18.76 % of 28 µV/V
30 V (70 V RNG), 1.0 kHz	**29.9998**	18 µV/V	29.999147	30.000853	-8 µV/V	22 µV/V	**PASS** 26.97 % of 28 µV/V
30 V (70 V RNG), 2.0 kHz	**29.9998**	18 µV/V	29.999147	30.000853	-7 µV/V	22 µV/V	**PASS** 23.45 % of 28 µV/V
30 V (70 V RNG), 3.0 kHz	**29.9999**	18 µV/V	29.999147	30.000853	-4 µV/V	22 µV/V	**PASS** 15.24 % of 28 µV/V
30 V (70 V RNG), 4.0 kHz	**29.9999**	18 µV/V	29.999147	30.000853	-4 µV/V	22 µV/V	**PASS** 15.24 % of 28 µV/V
30 V (70 V RNG), 5.0 kHz	**29.9998**	18 µV/V	29.999147	30.000853	-7 µV/V	22 µV/V	**PASS** 23.45 % of 28 µV/V
30 V (70 V RNG), 6.25 kHz	**29.9997**	18 µV/V	29.999147	30.000853	-11 µV/V	22 µV/V	**PASS** 37.53 % of 28 µV/V
30 V (70 V RNG), 8.0 kHz	**29.9997**	18 µV/V	29.999147	30.000853	-10 µV/V	22 µV/V	**PASS** 36.35 % of 28 µV/V
30 V (70 V RNG), 10.0 kHz	**29.9999**	18 µV/V	29.999147	30.000853	-5 µV/V	22 µV/V	**PASS** 16.42 % of 28 µV/V
30 V (70 V RNG), 15.0 kHz	**29.9992**	18 µV/V	29.999147	30.000853	-26 µV/V	22 µV/V	**PASS** 91.47 % of 28 µV/V
30 V (70 V RNG), 20.0 kHz	**29.9993**	18 µV/V	29.999147	30.000853	-22 µV/V	22 µV/V	**PASS** 76.22 % of 28 µV/V

30 V (70 V RNG), 30.0 kHz	**29.9997**	30 µV/V	29.998378	30.001622	-9 µV/V	45 µV/V	**PASS** 16.64 % of 54 µV/V
30 V (70 V RNG), 50.0 kHz	**29.9996**	40 µV/V	29.998194	30.001806	-15 µV/V	45 µV/V	**PASS** 24.36 % of 60 µV/V
30 V (70 V RNG), 100.0 kHz	**29.9991**	50 µV/V	29.997419	30.002581	-29 µV/V	70 µV/V	**PASS** 33.32 % of 86 µV/V
30 V (70 V RNG), 200.0 kHz	**29.9980**	130 µV/V	29.994045	30.005955	-67 µV/V	150 µV/V	**PASS** 33.92 % of 198 µV/V
30 V (70 V RNG), 300.0 kHz	**29.9973**	130 µV/V	29.994045	30.005955	-90 µV/V	150 µV/V	**PASS** 45.34 % of 198 µV/V
60 V (70 V RNG), 10.0 Hz	**60.0131**	150 µV/V	59.982507	60.017493	219 µV/V	250 µV/V	**PASS** 75.12 % of 292 µV/V
60 V (70 V RNG), 15.0 Hz	**60.0060**	150 µV/V	59.948803	60.051197	100 µV/V	840 µV/V	**PASS** 11.76 % of 853 µV/V
60 V (70 V RNG), 20.0 Hz	**60.0029**	200 µV/V	59.948191	60.051809	48 µV/V	840 µV/V	**PASS** 5.54 % of 863 µV/V
60 V (70 V RNG), 40.0 Hz	**60.0014**	120 µV/V	59.986006	60.013994	23 µV/V	200 µV/V	**PASS** 9.72 % of 233 µV/V
60 V (70 V RNG), 50.0 Hz	**60.0008**	40 µV/V	59.987762	60.012238	13 µV/V	200 µV/V	**PASS** 6.29 % of 204 µV/V
60 V (70 V RNG), 60.0 Hz	**60.0005**	40 µV/V	59.995421	60.004579	8 µV/V	65 µV/V	**PASS** 10.92 % of 76 µV/V
60 V (70 V RNG), 100.0 Hz	**60.0004**	22 µV/V	59.998133	60.001867	6 µV/V	22 µV/V	**PASS** 20.36 % of 31 µV/V
60 V (70 V RNG), 200.0 Hz	**60.0000**	22 µV/V	59.998133	60.001867	-0 µV/V	22 µV/V	**PASS** 0.54 % of 31 µV/V
60 V (70 V RNG), 400.0 Hz	**60.0002**	22 µV/V	59.998133	60.001867	4 µV/V	22 µV/V	**PASS** 12.86 % of 31 µV/V
60 V (70 V RNG), 1.0 kHz	**60.0002**	15 µV/V	59.998402	60.001598	4 µV/V	22 µV/V	**PASS** 13.14 % of 27 µV/V
60 V (70 V RNG), 2.0 kHz	**60.0000**	15 µV/V	59.998402	60.001598	0 µV/V	22 µV/V	**PASS** 0.63 % of 27 µV/V
60 V (70 V RNG), 3.0 kHz	**60.0001**	15 µV/V	59.998402	60.001598	1 µV/V	22 µV/V	**PASS** 5.01 % of 27 µV/V
60 V (70 V RNG), 4.0 kHz	**60.0002**	15 µV/V	59.998402	60.001598	4 µV/V	22 µV/V	**PASS** 13.77 % of 27 µV/V
60 V (70 V RNG), 5.0 kHz	**60.0000**	15 µV/V	59.998402	60.001598	-1 µV/V	22 µV/V	**PASS** 2.50 % of 27 µV/V
60 V (70 V RNG), 6.25 kHz	**59.9998**	15 µV/V	59.998402	60.001598	-3 µV/V	22 µV/V	**PASS** 10.01 % of 27 µV/V
60 V (70 V RNG), 8.0 kHz	**60.0001**	15 µV/V	59.998402	60.001598	1 µV/V	22 µV/V	**PASS** 5.63 % of 27 µV/V
60 V (70 V RNG), 10.0 kHz	**60.0000**	15 µV/V	59.998402	60.001598	-1 µV/V	22 µV/V	**PASS** 2.50 % of 27 µV/V
60 V (70 V RNG), 15.0 kHz	**59.9992**	15 µV/V	59.998402	60.001598	-13 µV/V	22 µV/V	**PASS** 48.20 % of 27 µV/V
60 V (70 V RNG), 20.0 kHz	**59.9994**	15 µV/V	59.998402	60.001598	-10 µV/V	22 µV/V	**PASS** 37.56 % of 27 µV/V
60 V (70 V RNG), 30.0 kHz	**59.9998**	15 µV/V	59.998402	60.001598	-4 µV/V	22 µV/V	**PASS** 13.14 % of 27 µV/V
60 V (70 V RNG), 50.0 kHz	**59.9993**	15 µV/V	59.998402	60.001598	-12 µV/V	22 µV/V	**PASS** 46.94 % of 27 µV/V
60 V (70 V RNG), 100.0 kHz	**59.9979**	15 µV/V	59.998402	60.001598	-35 µV/V	22 µV/V	**FAIL** 131.45 % of 27 µV/V

Test date	11 March 2025 15:43
UUT Internal TEMP?	NONE

Lab temperature maintained +23°C ±0.9°C

Cal.equipment

Internal use only