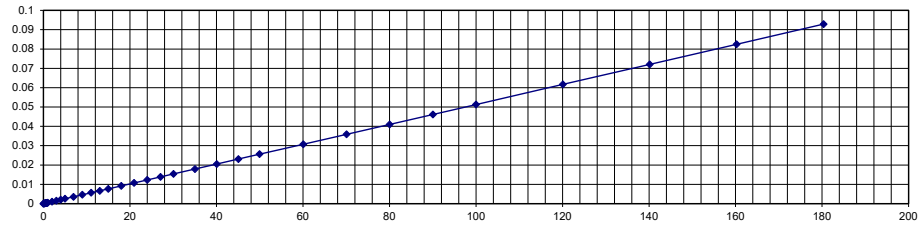


CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb



TEST SETUP	
FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	1
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60

Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000695705	0.000695705	2.55815E-05	0.000376441	-0.000695444	103.6784508	27.19559492	98.64022025
0.1A	0.100757355	0.100757355	6.32489E-05	0.000495715	-0.000645759	109.7945136	1593.029214	20.34853931
0.2A	0.200695365	0.200695365	0.00011279	0.000443177	-0.000606762	118.58879	1779.377023	11.03114886
0.3A	0.303647322	0.303647322	0.000158416	0.000494888	-0.000545434	129.0439662	1916.77599	4.161200509
0.4A	0.4004764	0.4004764	0.000206335	0.00055906	-0.000471815	143.7322037	1940.901716	2.954914209
0.5A	0.499969797	0.499969797	0.000261958	0.000531751	-0.000429846	160.9422884	1908.587902	4.57060492
0.6A	0.599768105	0.599768105	0.000315026	0.000510047	-0.000389795	180.8182709	1903.869649	4.806517544
0.7A	0.700762716	0.700762716	0.000366538	0.000414519	-0.000405226	190.4527529	1911.842651	4.407867432
0.8A	0.801424978	0.801424978	0.000408264	0.000486631	-0.000305707	233.5476031	1963.005216	1.849739186
0.9A	0.901094343	0.901094343	0.000456767	0.000560184	-0.000190927	339.2359362	1972.767807	1.36160967
1A	1.00083251	1.00083251	0.000512638	0.000511874	-0.000183405	379.5116267	1952.317352	2.384132378
2A	2.00070926	2.00070926	0.001024449	0.000510033	0.000324723	-215.4838795	1952.960394	2.351980305
3A	3.0009639	3.0009639	0.001534613	0.000499356	0.000802843	-91.1472932	1955.518579	2.224071071
4A	4.00629988	0.040062999	0.002036633	0.000520853	0.001390988	-46.41626268	1967.119085	1.644045738
5A	4.98333679	0.049833368	0.002545526	0.000508659	0.001839112	-38.41055904	1957.684621	2.115768937
7A	6.9463896	0.034731948	0.00354405	0.000508783	0.002838501	-24.85640736	1960.014643	1.999267871
9A	9.01257696	0.045062885	0.004595291	0.000510755	0.003907517	-17.60129935	1961.263521	1.936823947
11A	11.04457035	0.022089141	0.005633143	0.000512499	0.00496463	-13.46551615	1960.640904	1.967954788
13A	13.0306979	0.026061396	0.006651032	0.00051289	0.005987612	-11.07987828	1959.199402	2.040029881
15A	15.0142503	0.030028501	0.007668377	0.000505482	0.006893731	-11.23696381	1957.943787	2.102810655
18A	18.0165391	0.036033078	0.00918598	0.0005153	0.008588222	-6.960204802	1961.308312	1.934584424
21A	20.9752825	0.041950565	0.010710621	0.000514211	0.01090012	-6.150734194	1958.362799	2.081860068
24A	24.0146231	0.048029246	0.012273483	0.000516232	0.01170141	-4.888927899	1956.626551	2.16867246
27A	27.0840152	0.027084015	0.013858001	0.00051221	0.013176995	-5.168147678	1954.395473	2.280226354
30A	30.0942361	0.030094236	0.015399866	0.000511966	0.014711526	-4.678918615	1954.188141	2.290592938
35A	35.0262274	0.035026227	0.017924879	0.000511662	0.017225889	-4.057788192	1954.056549	2.297172537
40A	40.0844586	0.040084459	0.020512985	0.000518318	0.02080806	-2.152197502	1954.101735	2.294913254
45A	45.0652531	0.045065253	0.023094622	0.000511929	0.022374509	-3.218451404	1951.331071	2.433446431
50A	49.9822242	0.049982224	0.025611762	0.000506632	0.024626877	-3.999229482	1951.533964	2.423301803
60A	60.098202	0.030049101	0.030736838	0.000513615	0.030171625	-1.873327439	1955.249977	2.237501131
70A	70.0735008	0.03503675	0.0358603	0.000513959	0.035319223	-1.531960823	1954.069012	2.296549394
80A	80.0467458	0.040023373	0.040986142	0.000514272	0.040470066	-1.275203363	1953.01977	2.349011521
90A	90.0520652	0.045026033	0.046131594	0.000514784	0.045661666	-1.029152779	1952.069222	2.3965389
100A	100.0218502	0.050010925	0.051263881	0.000521022	0.0514117886	0.2995169	1951.1174	2.44413001
120A	120.101892	0.030025473	0.061726026	0.000514394	0.061084042	-1.050984322	1945.725325	2.71373375
140A	140.1847796	0.035046195	0.072056552	0.000517555	0.071857582	-0.276894875	1945.482756	2.725862177
160A	160.2637708	0.040065943	0.082448528	0.000520183	0.082670723	0.268771222	1943.803911	2.809804446
180A	180.3594956	0.045089874	0.092901975	0.000515093	0.092206269	-0.754509928	1941.395717	2.930214144

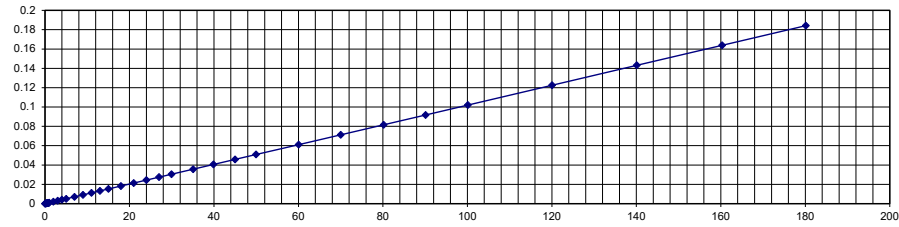
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	2
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000736589	0.000736589	2.58605E-05	0.000835264	-0.000735974	103.5137803	56.96633732	97.15168313
0.1A	0.100045817	0.100045817	0.00010881	0.000942894	-0.000642257	116.9418198	1838.909397	8.054530162
0.2A	0.199530914	0.199530914	0.000202614	0.001073837	-0.000522325	138.7907286	1969.56833	1.521583522
0.3A	0.300924559	0.300924559	0.000311494	0.001001986	-0.000435067	171.5968264	1932.13645	3.393177515
0.4A	0.399519228	0.399519228	0.000410285	0.000970717	-0.000348769	217.6378616	1947.522427	2.623878657
0.5A	0.500587358	0.500587358	0.000508393	0.000970725	-0.000250657	302.8245099	1969.292425	1.53537877
0.6A	0.601030892	0.601030892	0.000605896	0.000973103	-0.000151724	499.3397367	1983.940337	0.80298317
0.7A	0.700887825	0.700887825	0.000703067	0.000986877	-4.48992E-05	1665.877356	1993.800467	0.309976642
0.8A	0.800995871	0.800995871	0.000801861	0.001024003	8.36328E-05	-858.7877919	1997.841019	0.10794907
0.9A	0.900516652	0.900516652	0.000903771	0.001033356	0.000193965	-365.9454456	1992.798227	0.360088661
1A	0.99941906	0.99941906	0.001005972	0.001015592	0.000278413	-261.3237189	1986.971114	0.651444308
2A	2.00503733	2.00503733	0.00202727	0.00100765	0.001283786	-57.913376	1978.065917	1.09670417
3A	2.99810794	2.99810794	0.003027938	0.00101109	0.002294766	-31.9497242	1980.296816	0.985159224
4A	4.00551081	0.040055108	0.004046512	0.001008478	0.003302879	-22.51471039	1979.734826	1.013258714
5A	5.00140502	0.05001405	0.005050849	0.00099577	0.004243661	-19.0210428	1980.421333	0.978933352
7A	6.99219074	0.034960954	0.007033215	0.001032586	0.006483447	-8.479561856	1988.334262	0.583286912
9A	9.00791158	0.045039558	0.009114619	0.001023318	0.008481368	-7.46637698	1976.585439	1.170728038
11A	11.0013238	0.022002648	0.011154513	0.001014347	0.010422575	-7.022627408	1972.533163	1.373341844
13A	13.00784015	0.02601568	0.013189818	0.001017836	0.012503262	-5.491014277	1972.406314	1.379684314
15A	15.022476	0.030044952	0.015240387	0.001015824	0.0145236	-4.935325783	1971.40343	1.429828483
18A	17.99943925	0.035998879	0.018264458	0.001017061	0.017569932	-3.952919094	1970.979872	1.451006399
21A	21.02130285	0.042042606	0.021337876	0.001017016	0.020642423	-3.369051013	1970.327558	1.483622107
24A	24.00647725	0.048012955	0.024373848	0.001021754	0.023792126	-2.445020523	1969.855342	1.507232881
27A	27.0148197	0.02701482	0.027447634	0.001020755	0.026838934	-2.267972612	1968.462549	1.576872533
30A	29.9755802	0.02997558	0.030469846	0.001017908	0.029775786	-2.330955226	1967.55704	1.622147998
35A	35.0662559	0.035066256	0.035651684	0.0010159	0.034887205	-2.191288395	1967.158438	1.642078095
40A	39.8875059	0.039887506	0.04054959	0.001024549	0.0401301	-1.045326275	1967.344464	1.632776797
45A	45.0103695	0.04501037	0.045798213	0.001021039	0.045220763	-1.276957261	1965.595011	1.720249434
50A	49.9857025	0.049985703	0.050878223	0.001009036	0.049700806	-2.369010812	1964.915418	1.754229109
60A	60.038157	0.030019079	0.061021516	0.00102241	0.060647037	-0.617471987	1967.770093	1.611495364
70A	70.0260548	0.035013027	0.071233245	0.001021227	0.070775915	-0.646165361	1966.105992	1.694700419
80A	80.1761666	0.040088083	0.081598814	0.001022363	0.08123253	-0.450908689	1965.130682	1.743465902
90A	90.1033948	0.045051697	0.091748042	0.001024817	0.091602934	-0.158409463	1964.148625	1.792568727
100A	100.1369168	0.050068458	0.102030569	0.001028142	0.102218357	0.183712242	1962.880689	1.855965539
120A	120.072586	0.030018147	0.122527263	0.001029138	0.122834731	0.250310073	1959.932558	2.003372099
140A	140.1181408	0.035029535	0.143156915	0.001023686	0.142700398	-0.31991302	1957.546246	2.122687682
160A	160.3121904	0.040078048	0.163829282	0.001027056	0.163912986	0.051065963	1957.063944	2.146802792
180A	180.150346	0.045037587	0.184204176	0.001022502	0.183467587	-0.4014819	1955.985471	2.200726437

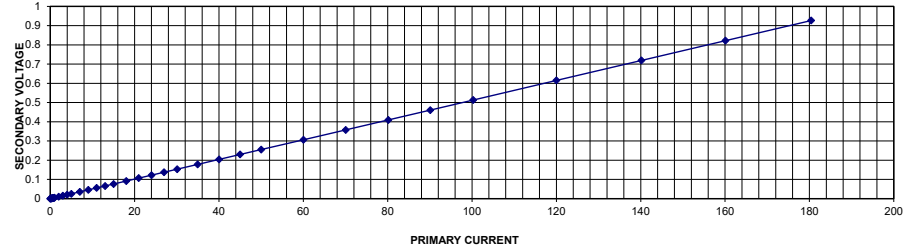
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	10
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000655791	0.000655791	2.63505E-05	0.004633872	-0.000652753	104.0368277	248.8725128	87.55637436
0.1A	0.10110481	0.10110481	0.000491818	0.00499113	-0.000151164	425.3537434	2055.734617	-2.786730862
0.2A	0.199843943	0.199843943	0.000984638	0.00498433	0.000340297	-189.3470538	2029.617843	-1.480892145
0.3A	0.299682052	0.299682052	0.001482264	0.004971164	0.000833977	-77.73439699	2021.785466	-1.089273313
0.4A	0.401216352	0.401216352	0.001987008	0.004960272	0.001334351	-48.91196472	2019.198443	-0.95992214
0.5A	0.500047291	0.500047291	0.002477236	0.004989387	0.001839138	-34.6955236	2018.569132	-0.92845661
0.6A	0.601020452	0.601020452	0.002981031	0.005050278	0.002379529	-25.27818183	2016.149925	-0.807496253
0.7A	0.700878823	0.700878823	0.003485343	0.005069996	0.002897662	-20.28123091	2010.93208	-0.546604007
0.8A	0.802711147	0.802711147	0.004001633	0.005098213	0.003436601	-16.44157593	2005.95913	-0.297956513
0.9A	0.899097101	0.899097101	0.004493029	0.005073899	0.003906136	-15.02488035	2001.093576	-0.054678817
1A	1.00057261	1.00057261	0.005007905	0.005058467	0.004405572	-13.6720828	1997.9863	0.100685012
2A	2.00091284	2.00091284	0.010068093	0.005071551	0.009491941	-6.069909771	1987.380152	0.630992377
3A	2.99983575	2.99983575	0.015134182	0.005072375	0.014566051	-3.939979648	1982.159161	0.892041935
4A	4.00660142	0.040066014	0.020240875	0.005093114	0.019750285	-2.483965761	1979.460552	1.026972386
5A	5.00468254	0.050046825	0.025324216	0.005085838	0.024797211	-2.125257297	1976.243829	1.187808543
7A	7.01491482	0.035074574	0.035547931	0.005105719	0.035160395	-1.102193475	1973.367969	1.331601553
9A	9.02073744	0.045103687	0.045789098	0.005052992	0.044925923	-1.921329588	1970.062254	1.496887303
11A	11.0084609	0.022016922	0.055833049	0.005101319	0.055501876	-0.596688136	1971.674669	1.416266548
13A	13.0101117	0.026020223	0.066044108	0.005100967	0.065708365	-0.510960011	1969.912547	1.504372654
15A	15.0082016	0.030016403	0.0762363	0.005097846	0.075853702	-0.504389258	1968.642458	1.567877124
18A	18.0079122	0.036015824	0.091528361	0.005109663	0.091358565	-0.185856214	1967.468013	1.626599328
21A	21.0019923	0.042003985	0.1068271	0.005128171	0.107046019	0.20450905	1965.979822	1.70100892
24A	24.0031755	0.024003176	0.122217681	0.005123628	0.122327549	0.089814601	1963.969149	1.801542528
27A	26.9875253	0.026987525	0.137508379	0.005101885	0.137031471	-0.348027918	1962.609515	1.869524256
30A	30.0952997	0.0300953	0.153363888	0.005101125	0.15286408	-0.32696239	1962.345901	1.882704943
35A	34.966388	0.034966388	0.178211916	0.005142353	0.179153733	0.525703344	1962.067901	1.896604939
40A	40.0203975	0.040020398	0.204201419	0.005125799	0.204480718	0.13658965	1959.849138	2.007543101
45A	45.0067681	0.045006768	0.229760552	0.005131342	0.230289344	0.229620879	1958.855326	2.057233698
50A	50.0096664	0.050009666	0.255432136	0.005064965	0.252641439	-1.104607638	1957.845523	2.10772383
60A	60.0483766	0.030024188	0.306277856	0.005137603	0.30784894	0.510342613	1960.584986	1.970750703
70A	70.0650186	0.035032509	0.357739388	0.005132759	0.358971041	0.343106511	1958.549183	2.072540863
80A	80.1762594	0.04008813	0.409637947	0.005132782	0.410871505	0.300229583	1957.246881	2.137655963
90A	90.1086722	0.045054336	0.460618861	0.005139959	0.462499088	0.406536465	1956.252334	2.187383291
100A	100.2881682	0.050144084	0.512941053	0.005175385	0.518374126	1.048098725	1955.159713	2.242014347
120A	120.0133384	0.030003335	0.61502641	0.005151065	0.617540745	0.407152895	1951.3526	2.432370018
140A	140.163572	0.035040893	0.718821578	0.005166197	0.723456787	0.640703019	1949.907686	2.504615686
160A	160.1149344	0.040028734	0.82189424	0.005149898	0.823919736	0.245836552	1948.120897	2.593955154
180A	180.4246232	0.045106156	0.926487059	0.005135037	0.925831268	-0.070832723	1947.405756	2.629712176

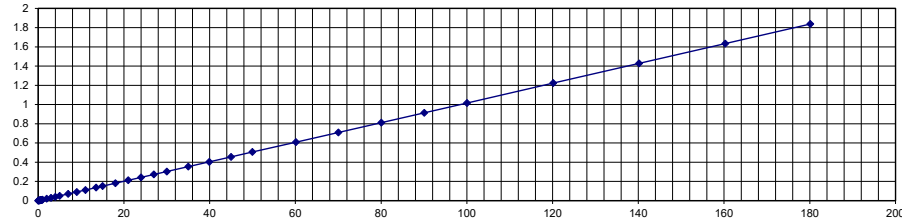
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	20
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000734168	0.000734168	2.63563E-05	0.009286699	-0.00072735	103.6236012	557.1108349	72.14445825
0.1A	0.100710373	0.100710373	0.000954805	0.009753681	0.000248129	-284.8023453	2109.548147	-5.477407337
0.2A	0.200195089	0.200195089	0.001925147	0.009861457	0.001240047	-55.24792277	2079.789789	-3.989489449
0.3A	0.300177552	0.300177552	0.00291112	0.009830433	0.002216707	-31.32633087	2062.282179	-3.114108928
0.4A	0.3999038	0.3999038	0.003891472	0.009883223	0.00321817	-20.92188348	2055.282815	-2.764140758
0.5A	0.500712475	0.500712475	0.004887787	0.009949502	0.004247672	-15.06979223	2048.831053	-2.441552658
0.6A	0.600039283	0.600039283	0.005876039	0.010007877	0.005270951	-11.47967435	2042.325692	-2.116284583
0.7A	0.701194637	0.701194637	0.006888389	0.009991426	0.006271766	-9.831729235	2035.873968	-1.793698383
0.8A	0.799449859	0.799449859	0.007870099	0.009981849	0.00724582	-8.615721388	2031.613159	-1.580657959
0.9A	0.900436802	0.900436802	0.008878136	0.009907651	0.008187045	-8.44126616	2028.436684	-1.421834211
1A	1.00072883	1.00072883	0.009871794	0.010033167	0.009306312	-6.076330159	2027.450785	-1.37253927
2A	2.00200379	2.00200379	0.019917753	0.010068779	0.019423565	-2.544273099	2010.270686	-0.513534323
3A	3.00029785	3.00029785	0.029969355	0.010076485	0.029498289	-1.596928256	2002.243839	-0.112191936
4A	4.01802926	0.040180293	0.040224511	0.010086344	0.039793058	-1.084241794	1997.80143	0.109928497
5A	5.00165342	0.050016534	0.050145683	0.010083548	0.049700246	-0.896246263	1994.849072	0.257546399
7A	7.0066827	0.035033414	0.070363492	0.010108343	0.070091783	-0.387647474	1991.567636	0.421618215
9A	9.00498698	0.045024935	0.090563037	0.010095378	0.090174583	-0.430780073	1988.667178	0.566641111
11A	11.02621055	0.022052421	0.110968054	0.010078978	0.110398761	-0.515669808	1987.276545	0.636172731
13A	13.51516975	0.02703034	0.136054218	0.010086076	0.135580866	-0.349129124	1986.732929	0.663353561
15A	15.0159248	0.03003185	0.151190948	0.010107865	0.151044774	-0.096775552	1986.352358	0.682382123
18A	18.0149032	0.036029806	0.181504217	0.010129321	0.181744571	0.132248176	1985.067179	0.746641055
21A	21.010215	0.04202043	0.211844692	0.010133655	0.212176092	0.156190991	1983.548873	0.822556366
24A	24.006874	0.048013748	0.242211799	0.01010838	0.241936442	-0.113813642	1982.304256	0.884787202
27A	26.9951405	0.026995141	0.272418333	0.010235494	0.275574432	1.145279892	1981.888679	0.905566073
30A	30.0319817	0.030031982	0.303501903	0.010145282	0.303948764	0.14701853	1979.030866	1.048456688
35A	35.0116939	0.035011694	0.354022489	0.010138136	0.354219138	0.05551632	1977.936147	1.103192628
40A	39.9249757	0.039924976	0.403834007	0.010156841	0.404777461	0.233079681	1977.296365	1.135181763
45A	44.9850947	0.044985095	0.455228831	0.010234656	0.459672806	0.966769084	1976.372832	1.181358392
50A	49.9839463	0.049983946	0.506390358	0.010043246	0.501266895	-1.022102844	1974.127094	1.293645287
60A	60.1408436	0.030070422	0.608398575	0.010193766	0.61232754	0.641644304	1977.021185	1.148940725
70A	70.0245978	0.035012299	0.709151256	0.010193022	0.713028095	0.543714808	1974.884687	1.255765667
80A	80.052928	0.040026464	0.811370246	0.010220352	0.817434969	0.741921209	1973.277388	1.336130583
90A	90.074324	0.045037162	0.913792445	0.010212249	0.919127245	0.580420231	1971.439455	1.428027237
100A	100.0586268	0.050029313	1.01575463	0.010323535	1.032224565	1.595576771	1970.133807	1.493309659
120A	120.1438864	0.030035972	1.22310551	0.010234521	1.228880961	0.469976434	1964.571092	1.771445376
140A	140.1698964	0.035042474	1.42806213	0.010238909	1.434452642	0.445501808	1963.078405	1.846079764
160A	160.303062	0.040075766	1.63420378	0.010264246	1.644655912	0.635520899	1961.849115	1.907544235
180A	180.1404176	0.045035104	1.83781928	0.010202148	1.837085112	-0.039963751	1960.371398	1.981430078

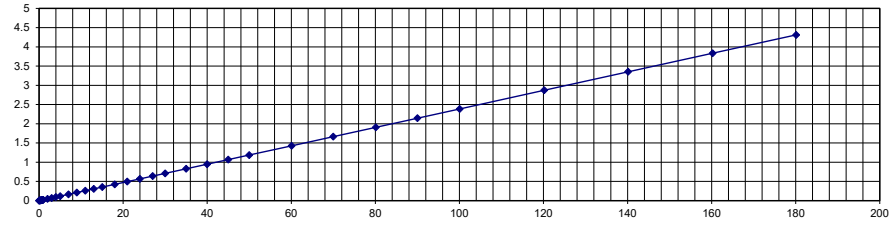
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	47
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000719247	0.000719247	2.53098E-05	0.021789104	-0.000703575	103.5973102	1335.634032	33.21829842
0.1A	0.100503003	0.100503003	0.002199508	0.022376547	0.001529663	-43.79036575	2147.589469	-7.379473444
0.2A	0.199254765	0.199254765	0.004409232	0.02286701	0.003837114	-14.91011126	2123.946808	-6.197340388
0.3A	0.300654656	0.300654656	0.006727944	0.023049874	0.006210805	-8.326442672	2100.310039	-5.015501972
0.4A	0.400480836	0.400480836	0.009028925	0.023198916	0.008571474	-5.336898533	2084.699897	-4.234994869
0.5A	0.500175003	0.500175003	0.011341722	0.023164833	0.010867224	-4.366321469	2072.721035	-3.636051751
0.6A	0.600750999	0.600750999	0.013671548	0.023226373	0.01323402	-3.306086222	2065.259703	-3.262985141
0.7A	0.699896751	0.699896751	0.015974344	0.023270239	0.015567518	-2.6133013	2059.248698	-2.962434924
0.8A	0.800212733	0.800212733	0.018308721	0.023261246	0.017894698	-2.313661915	2054.212222	-2.71061111
0.9A	0.899919048	0.899919048	0.020628014	0.023304279	0.020252718	-1.853067342	2050.424973	-2.521248655
1A	1.00097582	1.00097582	0.022983069	0.023450151	0.022753787	-1.007667182	2046.979145	-2.348957239
2A	2.00212707	2.00212707	0.046460217	0.023529011	0.046388823	-0.153903548	2025.38814	-1.269406999
3A	3.00057549	3.00057549	0.069952721	0.023538066	0.069908496	-0.063261024	2016.033781	-0.801689069
4A	4.00358213	0.040035821	0.093561557	0.023642986	0.093937387	0.400086276	2011.171752	-0.5585876
5A	5.0103835	0.050103835	0.117365347	0.023552755	0.117289087	-0.065018675	2006.452781	-0.322638036
7A	7.01237806	0.03506189	0.164517834	0.023666097	0.165236375	0.434856221	2003.319402	-0.165970098
9A	9.00399148	0.045019957	0.211651551	0.023443346	0.210364438	-0.611849328	1999.454228	0.02728599
11A	10.9990972	0.021998194	0.258423504	0.023643064	0.259333113	0.350749459	2000.427826	-0.021391321
13A	13.00857185	0.026017144	0.305933642	0.023621717	0.306565558	0.206127447	1998.482001	0.075899964
15A	15.03189165	0.030063783	0.35372793	0.023672532	0.355123694	0.393035912	1997.294665	0.135266736
18A	18.02625715	0.036052514	0.424612144	0.023712189	0.426722764	0.494611501	1995.312894	0.234355279
21A	20.99239275	0.041984786	0.494945711	0.023757806	0.49801394	0.616092901	1993.435719	0.328214052
24A	24.0048945	0.048009789	0.566516142	0.023898393	0.572959166	1.124517061	1991.523203	0.423839865
27A	27.0190926	0.027019093	0.638550634	0.023790091	0.642067436	0.547730981	1988.718333	0.564083364
30A	30.0085474	0.03008547	0.709670037	0.023876138	0.715768965	0.852080565	1987.404927	0.62975367
35A	34.992774	0.034992774	0.828674118	0.023878656	0.834861166	0.741087086	1984.688966	0.765551724
40A	39.9989354	0.039989354	0.948214524	0.023854562	0.953437857	0.547842016	1982.620933	0.868953374
45A	45.0103166	0.045010317	1.06775883	0.023958762	1.077672218	0.919889	1981.238479	0.938076054
50A	49.9852289	0.049985229	1.18695157	0.023662521	1.182057262	-0.414050007	1979.276845	1.036157764
60A	60.0774124	0.030038706	1.42575807	0.024062913	1.444918305	1.326042803	1980.447063	0.977646832
70A	69.9911298	0.034995565	1.66431099	0.023956701	1.67603734	0.699647297	1976.543519	1.172824059
80A	80.1061472	0.040053074	1.90663344	0.023951437	1.917938082	0.589416401	1974.67895	1.266052524
90A	90.0249254	0.045012463	2.14420243	0.023973091	2.157456515	0.614338476	1973.307853	1.334607344
100A	100.0865606	0.05004328	2.38541093	0.024171354	2.41850845	1.368509567	1972.015928	1.399203612
120A	120.1668324	0.030041708	2.87077829	0.024047097	2.888944229	0.628808933	1967.355383	1.63223084
140A	140.1455608	0.03503639	3.35120871	0.024055703	3.37058068	0.574736871	1965.512126	1.72439368
160A	160.2291376	0.040057284	3.83433326	0.023998688	3.844569849	0.26626096	1964.036237	1.798188152
180A	180.103604	0.045025901	4.31129438	0.023937857	4.310575133	-0.016685636	1963.417165	1.829141762

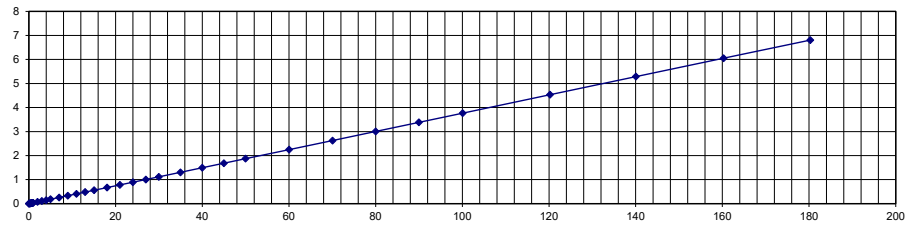
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	75
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.00689262	0.00689262	3.44744E-05	0.033021546	-0.000666502	105.1724361	1499.509888	25.02450559
0.1A	0.100592179	0.100592179	0.003333423	0.03507349	0.002838856	-17.42133432	2263.263051	-13.16315253
0.2A	0.200289197	0.200289197	0.006830146	0.035871366	0.006495385	-5.153823432	2199.322075	-9.96610376
0.3A	0.300417697	0.300417697	0.010421892	0.036186547	0.010181817	-2.357878666	2161.923012	-8.096150583
0.4A	0.400406047	0.400406047	0.014040125	0.036228015	0.013816654	-1.61740076	2138.902194	-6.9451097
0.5A	0.500049571	0.500049571	0.017650012	0.036351648	0.017488364	-0.924316867	2124.855113	-6.242755671
0.6A	0.600957369	0.600957369	0.021318177	0.036519864	0.021257619	-0.284874234	2114.24286	-5.712143024
0.7A	0.700843146	0.700843146	0.024965992	0.036556846	0.024931353	-0.138937063	2105.393481	-5.269674027
0.8A	0.800482677	0.800482677	0.028608499	0.036622041	0.028626047	0.061302677	2098.544269	-4.927213438
0.9A	0.899317294	0.899317294	0.032228024	0.036546613	0.032177739	-0.156274004	2092.861699	-4.643084928
1A	1.00030097	1.00030097	0.035918635	0.036822795	0.036144615	0.625210023	2088.681046	-4.434052301
2A	2.00267627	2.00267627	0.072828895	0.036962	0.073333658	0.688309373	2062.378121	-3.118906055
3A	2.9999213	2.9999213	0.109691684	0.036880807	0.109952869	0.237542387	2051.198428	-2.559921384
4A	3.99733416	0.039973342	0.146474463	0.037071882	0.147499439	0.694901841	2046.773587	-2.338679337
5A	5.01552562	0.050155256	0.184220737	0.037033303	0.185052217	0.449321746	2041.922248	-2.096112421
7A	7.0078106	0.035039053	0.25800163	0.037159359	0.259716489	0.660281257	2037.141374	-1.857068694
9A	9.00325666	0.045016283	0.332151127	0.037354437	0.33562232	1.034255582	2032.942822	-1.647141107
11A	11.0081899	0.02201638	0.407044279	0.037141902	0.408175849	0.277226112	2028.315555	-1.415777729
13A	12.98308025	0.025966161	0.480395463	0.037442519	0.485429964	1.037122012	2026.936334	-1.346816711
15A	15.05822825	0.030116457	0.558094231	0.037278013	0.560651562	0.456135451	2023.613677	-1.180683836
18A	18.04324915	0.036086498	0.669369878	0.037354071	0.67329955	0.583643929	2021.668035	-1.083401773
21A	21.0293676	0.042058735	0.780913559	0.037393885	0.785680492	0.606726708	2019.689058	-0.984452877
24A	24.02201495	0.04804403	0.89282027	0.037518291	0.900575682	0.861161613	2017.932592	-0.896629579
27A	26.9987377	0.026998738	1.00450182	0.037542729	1.012917019	0.830788627	2015.830422	-0.79152109
30A	29.9956773	0.029995677	1.11701511	0.037534172	1.125173658	0.725092342	2014.006594	-0.700329716
35A	34.9796833	0.034979683	1.30408565	0.037949874	1.326785323	1.710877641	2011.736152	-0.586807603
40A	40.0004214	0.040000421	1.49462203	0.037605047	1.503528454	0.592368139	2007.217574	-0.360878697
45A	45.0114095	0.045014095	1.68316146	0.03788968	1.704880379	1.273926248	2005.783287	-0.289164327
50A	50.0133901	0.05001339	1.87258315	0.037404348	1.870029008	-0.136583012	2003.117596	-0.133608724
60A	60.0676572	0.030033829	2.24865646	0.037768389	2.267969393	0.851551746	2003.451559	-0.17257794
70A	70.0636538	0.035031827	2.62618915	0.038023583	2.663381859	1.396446719	2000.912248	-0.045612385
80A	80.0189998	0.0400095	3.00472707	0.037919525	3.033593187	0.951548702	1997.327826	0.133608724
90A	90.0059298	0.045002965	3.38342671	0.037845226	3.405605454	0.651242319	1995.150276	0.242486189
100A	100.0813204	0.05004066	3.76473214	0.038146593	3.817072116	1.371207426	1993.793649	0.310317562
120A	120.2632332	0.030065808	4.53460335	0.037979623	4.566863049	0.706386393	1989.091833	0.545408343
140A	140.070136	0.035017534	5.28686206	0.037891894	5.306833417	0.376332836	1987.050178	0.647491075
160A	160.288536	0.040072134	6.05297552	0.037666661	6.036844622	-0.267207438	1986.071174	0.696441277
180A	180.307214	0.045076804	6.80701227	0.037752301	6.806323008	-0.010126794	1986.633858	0.668307081

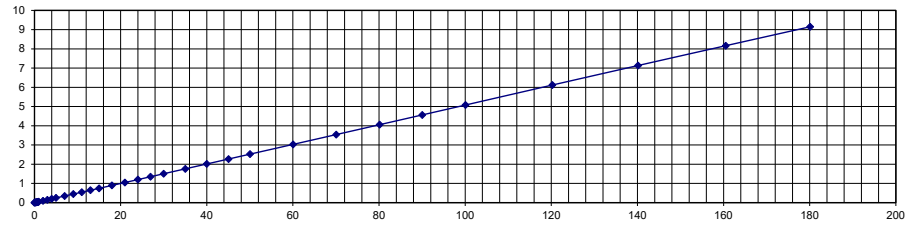
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	100
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000764132	0.000764132	4.06949E-05	0.04194891	-0.000732077	105.5588338	1877.706221	6.114688953
0.1A	0.100101374	0.100101374	0.004207784	0.046813321	0.003921946	-7.28816498	2378.957042	-18.94785208
0.2A	0.200467626	0.200467626	0.008906262	0.048279017	0.008914248	0.089596285	2250.861656	-12.54308281
0.3A	0.30113246	0.30113246	0.013766261	0.048377156	0.0138038	0.271951331	2187.467348	-9.373367385
0.4A	0.400466567	0.400466567	0.018571762	0.048856306	0.018801185	1.220257892	2156.319677	-7.815983851
0.5A	0.500591297	0.500591297	0.023463487	0.04873888	0.023634127	0.722009265	2133.49065	-6.674532491
0.6A	0.601016806	0.601016806	0.028358114	0.049002418	0.028687145	1.146964824	2119.382179	-5.969108961
0.7A	0.702486395	0.702486395	0.033330369	0.048998941	0.033656958	0.970346774	2107.646631	-5.382331533
0.8A	0.80084461	0.80084461	0.038149817	0.049139308	0.038588819	1.137638634	2099.209561	-4.960478028
0.9A	0.90368572	0.90368572	0.043203358	0.049258465	0.04375004	1.249557291	2091.702492	-4.585124589
1A	1.00086026	1.00086026	0.047990027	0.049431608	0.04871	1.478081429	2085.558864	-4.277943216
2A	2.0055596	2.0055596	0.097406593	0.049624972	0.098513402	1.123511354	2053.819872	-2.690993622
3A	2.99016575	2.99016575	0.146515951	0.049519026	0.147305963	0.536306808	2040.846563	-2.042328142
4A	4.00741753	0.040074175	0.196889268	0.049762629	0.1986555	0.8890927	2035.366158	-1.76830791
5A	5.00912936	0.050091294	0.246737082	0.049773235	0.248556443	0.73197081	2030.148577	-1.507428867
7A	7.01022552	0.035051128	0.346338112	0.049960606	0.349470984	0.896461332	2024.098786	-1.204939294
9A	9.00921498	0.045046075	0.446208837	0.049803527	0.447926549	0.383480641	2019.057946	-0.952897309
11A	11.00494575	0.022009892	0.545603268	0.049925223	0.548660241	0.557170409	2017.02343	-0.851171496
13A	13.0130333	0.026026067	0.645857487	0.050503337	0.656437477	1.611728463	2014.845931	-0.742296574
15A	15.00639595	0.030012792	0.746528953	0.050027682	0.749971074	0.458967106	2010.155921	-0.507796045
18A	18.0046758	0.036009352	0.896525944	0.050325224	0.905325209	0.971945218	2008.271587	-0.413579331
21A	21.01905615	0.042038112	1.04822531	0.050570448	1.062178956	1.313681291	2005.204029	-0.260201454
24A	24.0207009	0.048041402	1.20001983	0.050743033	1.218119084	1.485836195	2001.691997	-0.084599852
27A	26.9545616	0.026954562	1.34889282	0.050899376	1.371206234	1.627283586	1998.273043	0.086347854
30A	30.007823	0.030007823	1.50430192	0.050836698	1.524734512	1.340075406	1994.800552	0.259972413
35A	35.0193727	0.035019373	1.75907256	0.050784479	1.777676461	1.04652905	1990.786139	0.460693048
40A	40.022535	0.040022535	2.01315555	0.050921518	2.037244111	1.18240916	1988.049806	0.597509716
45A	45.0590934	0.045059093	2.26962475	0.050942486	2.294658123	1.090941313	1985.310277	0.734486174
50A	50.0439502	0.05004395	2.52356575	0.050703663	2.536647463	0.515708757	1983.065042	0.8467479
60A	60.0560132	0.030028007	3.03121402	0.050999656	3.062071867	1.007744048	1981.252818	0.937359085
70A	70.0735718	0.035036786	3.54210606	0.051108753	3.580608741	1.075311044	1978.302474	1.084876324
80A	80.134442	0.040067221	4.05630459	0.051228384	4.104393873	1.171653703	1975.552876	1.222356184
90A	90.0397528	0.045019876	4.56373766	0.051319349	4.620017365	1.218170852	1972.938839	1.353058055
100A	100.0961292	0.050048065	5.07982435	0.051537412	5.157931289	1.514307476	1970.464376	1.47678118
120A	120.2593424	0.030064836	6.11898417	0.051016806	6.13448343	0.252657952	1965.348154	1.732592323
140A	140.1570776	0.035039269	7.13410307	0.050625242	7.094721839	-0.555077876	1964.60685	1.769657499
160A	160.5059188	0.04012648	8.16426808	0.050257903	8.065926705	-1.219219792	1965.956008	1.702199617
180A	180.094514	0.045023629	9.14874979	0.050799714	9.147985658	-0.008353004	1968.515023	1.574248868

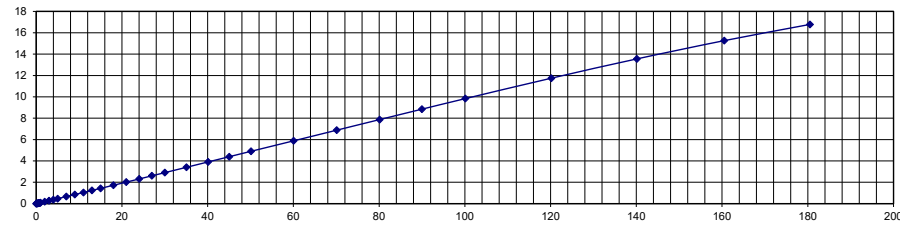
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	200
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000830252	0.000830252	6.66925E-05	0.0772609	-0.000766106	108.705382	2489.792973	-24.48964864
0.1A	0.100249057	0.100249057	0.007747879	0.086009488	0.007792118	0.567741864	2587.780733	-29.38903663
0.2A	0.199835791	0.199835791	0.016313283	0.090161161	0.017187175	5.084558385	2449.97642	-22.49882102
0.3A	0.300181361	0.300181361	0.025360556	0.090939424	0.026468068	4.184333009	2367.308999	-18.36544995
0.4A	0.399976236	0.399976236	0.034435844	0.092010825	0.035971891	4.270130478	2323.02267	-16.1511335
0.5A	0.500170306	0.500170306	0.043654783	0.092036528	0.045203686	3.426496712	2291.479957	-14.57399786
0.6A	0.600511214	0.600511214	0.052889812	0.092622481	0.054790586	3.469161831	2270.801083	-13.54005413
0.7A	0.701195211	0.701195211	0.062215414	0.092979277	0.064366372	3.341741486	2254.088394	-12.70441972
0.8A	0.800696587	0.800696587	0.07146698	0.09301069	0.07364309	2.954941126	2240.745556	-12.03727781
0.9A	0.903618562	0.903618562	0.081039824	0.09321319	0.083398916	2.828685141	2230.060533	-11.50302663
1A	0.999706031	0.999706031	0.089996443	0.093884183	0.093026332	3.257022558	2221.656758	-11.08283788
2A	2.00329691	2.00329691	0.184217753	0.0944863	0.18845386	2.247821755	2174.92275	-8.746137513
3A	2.99037249	2.99037249	0.277482872	0.094755979	0.282525421	1.784812531	2155.35645	-7.767822513
4A	4.00504523	0.040050452	0.373629181	0.095239239	0.380607207	1.833393042	2143.861044	-7.193052194
5A	5.00821738	0.050082174	0.469170533	0.095578871	0.477849508	1.816257057	2134.924096	-6.746204796
7A	7.01641802	0.03508209	0.661112082	0.096012547	0.672833914	1.742158266	2122.610738	-6.130536879
9A	9.00651728	0.045032586	0.852186581	0.095667631	0.86080192	1.000850311	2113.743042	-5.687152096
11A	11.02850295	0.022057006	1.04562516	0.096818316	1.066930826	1.996911655	2109.456308	-5.472815421
13A	13.00047095	0.026000942	1.23654778	0.097145067	1.262101367	2.024685789	2102.704183	-5.135209171
15A	15.0245481	0.030049096	1.43317689	0.09699023	1.456536229	1.60375958	2096.677417	-4.833870856
18A	18.0209286	0.036041857	1.72382287	0.097577245	1.75760231	1.921904636	2090.809783	-4.540489128
21A	21.0174551	0.04203491	2.01621567	0.098308042	2.065354613	2.37920126	2084.841955	-4.242097771
24A	24.0192973	0.048038595	2.3113209	0.099729977	2.394613708	3.478340076	2078.40437	-3.920218521
27A	27.0056694	0.027005669	2.60915172	0.098407978	2.656743075	1.791342034	2070.072751	-3.503637573
30A	30.000572	0.030000572	2.90387403	0.099029773	2.970119572	2.230399849	2066.244726	-3.312236309
35A	35.0629422	0.035062942	3.4051994	0.099554914	3.489857957	2.425845359	2059.37674	-2.968837008
40A	40.1194078	0.040119408	3.9085954	0.099308828	3.983381113	1.877443086	2052.881084	-2.644054179
45A	45.0207632	0.045020763	4.39534326	0.099575627	4.482140471	1.936512508	2048.566428	-2.428321378
50A	50.1146545	0.050114655	4.90257068	0.098559271	4.938433566	0.72619962	2044.423539	-2.221176952
60A	60.061432	0.030030716	5.88291782	0.09926592	5.961223076	1.313577013	2041.892606	-2.094630314
70A	70.1273704	0.035063685	6.88212246	0.099054375	6.945592592	0.913818821	2037.957645	-1.897882241
80A	80.1288402	0.04006442	7.8728118	0.098687279	7.906866937	0.430703308	2035.583785	-1.779189235
90A	90.0086834	0.045004342	8.84782664	0.097769898	8.799309567	-0.55137363	2034.59419	-1.729709523
100A	100.1205136	0.050060257	9.83645925	0.095274157	9.538067244	-3.12843261	2035.7023	-1.785115005
120A	120.1883328	0.030047083	11.7484038	0.090563002	10.88378595	-7.944090865	2046.036804	-2.301840187
140A	140.130704	0.035032676	13.5544448	0.083826653	11.74585768	-15.39765903	2067.671617	-3.383580861
160A	160.5272716	0.040131818	15.2642208	0.075977919	12.19569774	-25.16070112	2103.314328	-5.165716418
180A	180.524046	0.045131012	16.7835341	0.092971183	16.78270385	-0.004947071	2151.204209	-7.560210457

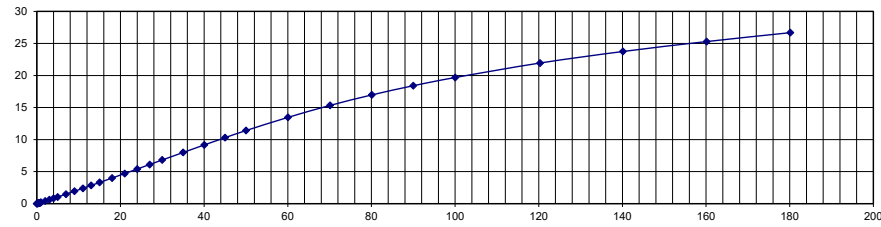
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burdens (Ohms):	500
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60

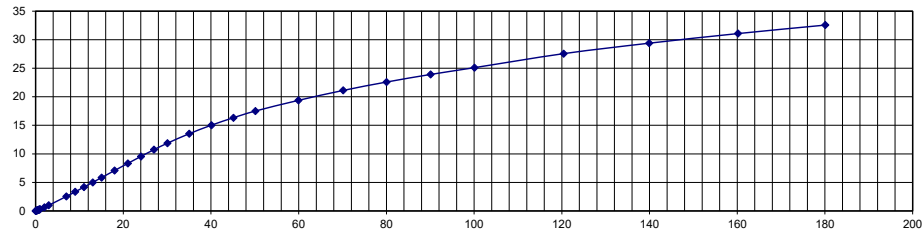


Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000797445	0.000797445	0.000259975	0.142263325	-0.000683998	138.0081741	1533.695056	23.31524722
0.1A	0.099257908	0.099257908	0.014267288	0.17945277	0.017014662	16.14709687	3478.513527	-73.92567634
0.2A	0.200994788	0.200994788	0.032524253	0.186908288	0.036770147	11.54712348	3089.921685	-54.49608423
0.3A	0.30090239	0.30090239	0.051046014	0.194324141	0.057517333	11.25107672	2939.409134	-46.97045669
0.4A	0.400848956	0.400848956	0.070625865	0.195709635	0.077652558	9.048888255	2837.833958	-41.89169789
0.5A	0.499239559	0.499239559	0.089881854	0.198584237	0.098343663	8.604325169	2777.198827	-38.85994135
0.6A	0.60043252	0.60043252	0.109977181	0.200101822	0.119350197	7.853372786	2729.805013	-36.49025065
0.7A	0.70028277	0.70028277	0.129957398	0.201426232	0.140257875	7.343956406	2694.278205	-34.71391025
0.8A	0.803119038	0.803119038	0.15067132	0.202399789	0.161753679	6.85137998	2665.135734	-33.25678669
0.9A	0.900260078	0.900260078	0.170332646	0.203889838	0.182756436	6.79800428	2642.652771	-32.13263857
1A	1.0018272	1.0018272	0.19104115	0.207350876	0.206932303	7.679396876	2622.019392	-31.10096961
2A	2.00097017	2.00097017	0.39821432	0.211469975	0.422347666	5.714094903	2512.428697	-25.62143483
3A	3.00031196	3.00031196	0.609545103	0.216916201	0.650018827	6.226546462	2461.107427	-23.05537134
4A	4.02022938	0.040202294	0.830781715	0.216382713	0.869110696	4.410137981	2419.546138	-20.9773069
5A	5.00931775	0.050093178	1.04480334	0.221562124	1.109077634	5.795292554	2397.253894	-19.86269469
7A	7.00477696	0.035023885	1.48692152	0.224253321	1.570047049	5.294461048	2355.462903	-17.77314515
9A	9.00650986	0.045032549	1.93581677	0.225142177	2.026947796	4.495972995	2326.281598	-16.31407992
11A	11.0271623	0.022054325	2.39075086	0.229688262	2.532012297	5.579018593	2306.213183	-15.31065914
13A	13.00465025	0.026009301	2.84495663	0.229928218	2.989338615	4.829897297	2285.562126	-14.27810632
15A	15.01759635	0.030035193	3.30778974	0.231900208	3.481786277	4.997335355	2270.034907	-13.50174535
18A	18.0116279	0.036023256	4.00210628	0.23359134	4.206562856	4.860418887	2250.268564	-12.51342818
21A	21.01123165	0.042022463	4.70278774	0.233236291	4.899784292	4.020514793	2233.912395	-11.69561977
24A	24.0294469	0.048058894	5.40674507	0.237765147	5.712567534	5.353502816	2222.173099	-11.10865497
27A	26.9838911	0.026983891	6.10920893	0.235277686	6.347910011	3.760309784	2208.460327	-10.42301634
30A	29.9979363	0.029997936	6.81834651	0.234095748	7.021591878	2.894576778	2199.795526	-9.989776319
35A	34.9942843	0.034994284	7.98797033	0.232789161	8.145492643	1.933858643	2190.436547	-9.521827368
40A	40.036506	0.040036506	9.16174489	0.227711922	9.115992292	-0.501893775	2184.982581	-9.249129071
45A	45.0081882	0.045008188	10.2938562	0.222759373	10.02519832	-2.67982608	2186.167522	-9.308376097
50A	50.0198615	0.050019862	11.4102534	0.204685054	10.23752058	-11.45524257	2191.88215	-9.594107481
60A	60.0508504	0.030025425	13.4634469	0.185512354	11.13937718	-20.86355168	2230.143991	-11.50719954
70A	70.1206148	0.035060307	15.3315126	0.164130029	11.50810109	-33.22365243	2286.813331	-14.34066656
80A	80.1063792	0.04005319	16.9704764	0.144666452	11.58790823	-46.44986886	2360.16884	-18.008442
90A	89.99841	0.044999205	18.4015214	0.127887212	11.50884826	-59.8902078	2445.406769	-22.27033847
100A	100.0462966	0.050023148	19.6865176	0.111531916	11.15755771	-76.44110043	2540.985121	-27.04925604
120A	120.3368016	0.0300842	21.9495565	0.090658657	10.90877539	-101.2100874	2741.212598	-37.0606299
140A	140.1486448	0.035037161	23.7456716	0.077436262	10.85178979	-118.8180204	2951.035607	-47.55178034
160A	160.1370088	0.040034252	25.2934958	0.069497535	11.12833001	-127.289232	3165.576836	-58.27884179
180A	180.1671752	0.045041794	26.685543	0.148115454	26.68474556	-0.002988391	3375.744972	-68.78724859

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR3113-2000
Lot #:	0
TURNS/RATIO:	2000
DATE:	June 24, 2020
TESTER:	lb



TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	150
Burden (Ohms):	1000
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60

Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000782819	0.000782819	0.000306823	0.194519051	-0.000630546	148.6599847	2551.365971	-27.56829854
0.1A	0.101456054	0.101456054	0.019889686	0.263723678	0.025973545	23.42329204	5100.938046	-155.0469023
0.2A	0.202088048	0.202088048	0.046428725	0.2840649	0.056623302	18.00420787	4352.651233	-117.6325617
0.3A	0.301637946	0.301637946	0.074707357	0.297043458	0.08881676	15.88596864	4037.593593	-101.8796797
0.4A	0.398754904	0.398754904	0.103555314	0.306042939	0.121253304	14.59588248	3850.646467	-92.53232335
0.5A	0.502605985	0.502605985	0.135338204	0.310711429	0.155382605	12.90002877	3713.703671	-85.68518354
0.6A	0.601533154	0.601533154	0.166076006	0.314604166	0.188462017	11.87826152	3622.035287	-81.10176433
0.7A	0.698663152	0.698663152	0.196633508	0.319825067	0.222667171	11.69173823	3553.12357	-77.65617852
0.8A	0.80039918	0.80039918	0.22917124	0.323024497	0.257765724	11.09320639	3492.581268	-74.6290634
0.9A	0.90991914	0.90991914	0.26454887	0.325988138	0.295840027	10.5770533	3439.51248	-71.97562401
1A	1.00165303	1.00165303	0.29445303	0.339487453	0.339265817	13.20875399	3401.74129	-70.08706448
2A	2.00371619	2.00371619	0.6346409	0.357336814	0.71521874	11.26618134	3157.244026	-57.86220129
3A	2.98369799	2.98369799	0.984824474	0.38587211	1.15054302	14.40350713	3029.6749	-51.48374501
7A	7.0149325	0.035074663	2.54036544	0.40265508	2.823815388	10.03783565	2761.387157	-38.06935785
9A	9.01202038	0.045060102	3.34450302	0.41223669	3.714302631	9.95609803	2694.57684	-34.72884201
11A	11.00124315	0.022002486	4.16453363	0.415513804	4.570385577	8.880037356	2641.650693	-32.08253465
13A	13.01288575	0.026025772	5.0003989	0.415554789	5.406784177	7.516210441	2602.369533	-30.11847665
15A	15.0340491	0.030068098	5.84030301	0.416044634	6.254052631	6.615704173	2574.189913	-28.70949567
18A	18.00947385	0.036018948	7.07821251	0.414410336	7.462529293	5.149953421	2544.35337	-27.21766848
21A	21.01677775	0.042033556	8.32447033	0.407977281	8.573585028	2.905607127	2524.698499	-26.23492497
24A	24.0072377	0.048014475	9.54451005	0.398856726	9.574665412	0.314949514	2515.292831	-25.76464153
27A	26.9940547	0.026994055	10.7358221	0.369615171	9.976629331	-7.609712094	2514.391022	-25.71955109
30A	30.0342094	0.030034209	11.8595094	0.334796248	10.05455779	-17.95157622	2532.500156	-26.62500778
35A	35.0059742	0.035005974	13.5240376	0.294929381	10.32350748	-31.00235189	2588.42627	-29.4213135
40A	40.0817174	0.040081717	15.0210234	0.260388953	10.43605359	-43.93394269	2668.374606	-33.41873031
45A	45.1021128	0.045102113	16.3282789	0.234426716	10.57235737	-54.44312304	2762.208624	-38.11043122
50A	50.1261575	0.050126158	17.5060492	0.190613981	9.553963616	-83.23336684	2863.362083	-43.16810414
60A	59.9185562	0.029959278	19.3726173	0.170478041	10.21401525	-89.66700967	3092.951008	-54.64755039
70A	70.1421128	0.035071056	21.1155092	0.148730958	10.4315208	-102.4202378	3321.829094	-66.09145471
80A	80.0333044	0.040016652	22.5866356	0.132312216	10.58860103	-113.3108569	3543.392022	-77.16960112
90A	90.080252	0.045040126	23.9159695	0.119147421	10.7320469	-122.8463006	3766.53148	-88.32657401
100A	100.0786094	0.050039305	25.107248	0.120635401	12.07224038	-107.9750503	3986.044564	-99.30222819
120A	120.4066232	0.030101656	27.5595261	0.09388045	11.30304519	-143.8239045	4368.965662	-118.4482831
140A	139.9047572	0.034976189	29.3900197	0.083297925	11.65299312	-152.2100494	4760.281164	-138.0140582
160A	160.1700856	0.040042521	31.0780795	0.074693903	11.96294608	-159.7861705	5153.796122	-157.6898061
180A	180.0533496	0.045013337	32.5632381	0.180853276	32.56245528	-0.002404054	5529.344135	-176.4672067