Reference Clinical Thermometer Readout (Y var.)	SET-AVERAGE		Average Regression	
	Calibrating contactless sensor Readout (2-3 cm) (X var.)	DIFF bw clinical and sensor	Regressed values Calibrating sensor ($\hat{y} = 1.02751X - 0.34754$)	Diff between Clinical and Regressed Calibrating sensor
Read at (deg F)	Read at (deg F)	Read at (deg F)	Read at (deg F)	Read at (deg F)
94	91.57	2.43	93.74	0.26
94.4	92.59	1.81	94.79	-0.39
94.8	93.03	1.77	95.24	-0.44
95	93.14	1.86	95.35	-0.35
95.4	93.35	2.05	95.57	-0.17
95.8	93.59	2.21	95.81	-0.01
96	93.94	2.06	96.18	-0.18
96.4	94.20	2.20	96.45	-0.05
96.8	94.67	2.13	96.93	-0.13
97	94.65	2.35	96.90	0.10
97.4	95.00	2.40	97.26	0.14
97.8	95.24	2.56	97.51	0.29
98	95.68	2.32	97.96	0.04
98.2	95.84	2.36	98.13	0.07
98.4	96.08	2.32	98.38	0.02
98.6	96.19	2.41	98.49	0.11
98.8	96.42	2.38	98.72	0.08
99	96.58	2.42	98.89	0.11
99.2	96.80	2.40	99.11	0.09
99.4	97.04	2.36	99.37	0.03
99.6	97.31	2.29	99.64	-0.04
99.8	97.53	2.27	99.87	-0.07
100	97.60	2.40	99.94	0.06
100.2	97.83	2.37	100.18	0.02
100.4	97.93	2.47	100.28	0.12
100.6	98.12	2.48	100.48	0.12
100.8	98.35	2.45	100.71	0.09
101	98.60	2.40	100.96	0.04
101.2	98.69	2.51	101.06	0.14
101.4	99.05	2.35	101.43	-0.03
101.6	99.28	2.32	101.67	-0.07
101.8	99.23	2.57	101.62	0.18
102	99.47	2.53	101.86	0.14
102.2	99.65	2.55	102.04	0.16
102.4	99.85	2.55	102.25	0.15
102.6	100.28	2.32	102.69	-0.09
102.8	100.44	2.36	102.85	-0.05
103	100.63	2.37	103.05	-0.05
103.4	100.89	2.51	103.32	0.08
103.8	101.14	2.66	103.58	0.22

104	101.47	2.53	103.91	0.09
104.4	102.02	2.38	104.48	-0.08
104.8	102.26	2.54	104.72	0.08
105	102.55	2.45	105.02	-0.02
105.4	102.85	2.55	105.33	0.07
105.8	103.29	2.51	105.78	0.02
106	103.51	2.49	106.01	-0.01
106.4	104.05	2.35	106.56	-0.16
106.8	104.27	2.53	106.79	0.01
107	104.54	2.46	107.07	-0.07
107.4	105.03	2.37	107.57	-0.17
107.8	105.50	2.30	108.05	-0.25
108	105.66	2.34	108.22	-0.22
	AVERAGE OFFSET of	**2.36**		

$$\hat{y} = 1.02751X - 0.34754$$