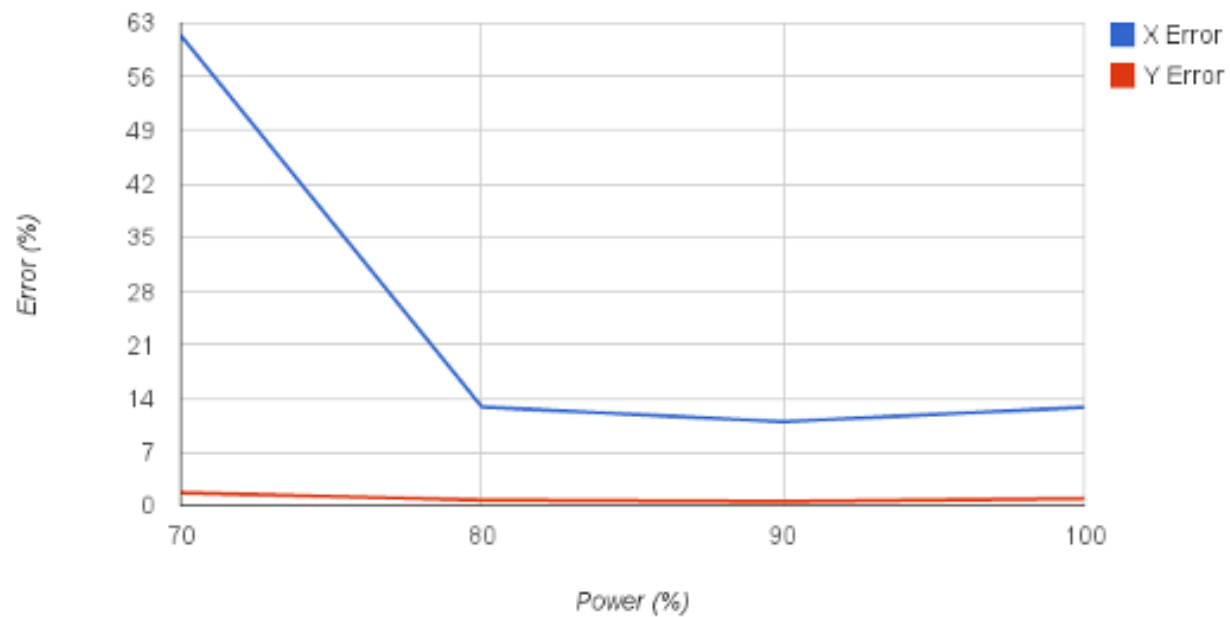


# Line - Tach vs Rule

Time	Power	Tach X	Tach Y	Tach Heading	Ruler X	Ruler Y	Normalized X Diff (Ruler-Tach)	Normalized Y Diff (Ruler-Tach)
2	100	20	78	58.5	24.2	77.6	17.3553719008264	0.51546391752578
2	100	22	77	56	22.3	76.9	1.34529147982063	0.130039011703504
2	100	20.9	78	57.8	26.1	76.3	19.9233716475096	2.22804718217563
2	90	11.5	64.1	67	14	64.3	17.8571428571429	0.311041990668745
2	90	11.8	63.9	66.3	13.9	63.7	15.1079136690647	0.313971742543164
2	90	13.5	63.3	64	13.5	64	0	1.09375
2	80	6	47.4	73.5	7.3	47.7	17.8082191780822	0.628930817610072
2	80	5.6	47.3	74	5.7	48	1.75438596491229	1.45833333333334
2	80	5.9	47.2	73.3	7.3	47.3	19.1780821917808	0.211416490486246
2	70	2.1	28.6	80.8	3	29.2	30	2.05479452054794
2	70	2	28.4	81	0.9	29	122.222222222222	2.06896551724138
2	70	1.7	28.7	82.3	2.5	29	32	1.03448275862069

Power	X Error	Y Error						
100	12.8746783427189	0.95785003713497						
90	10.9883521754025	0.57292124440397						
80	12.9135624449251	0.76622688047655						
70	61.4074074074074	1.71941426547						

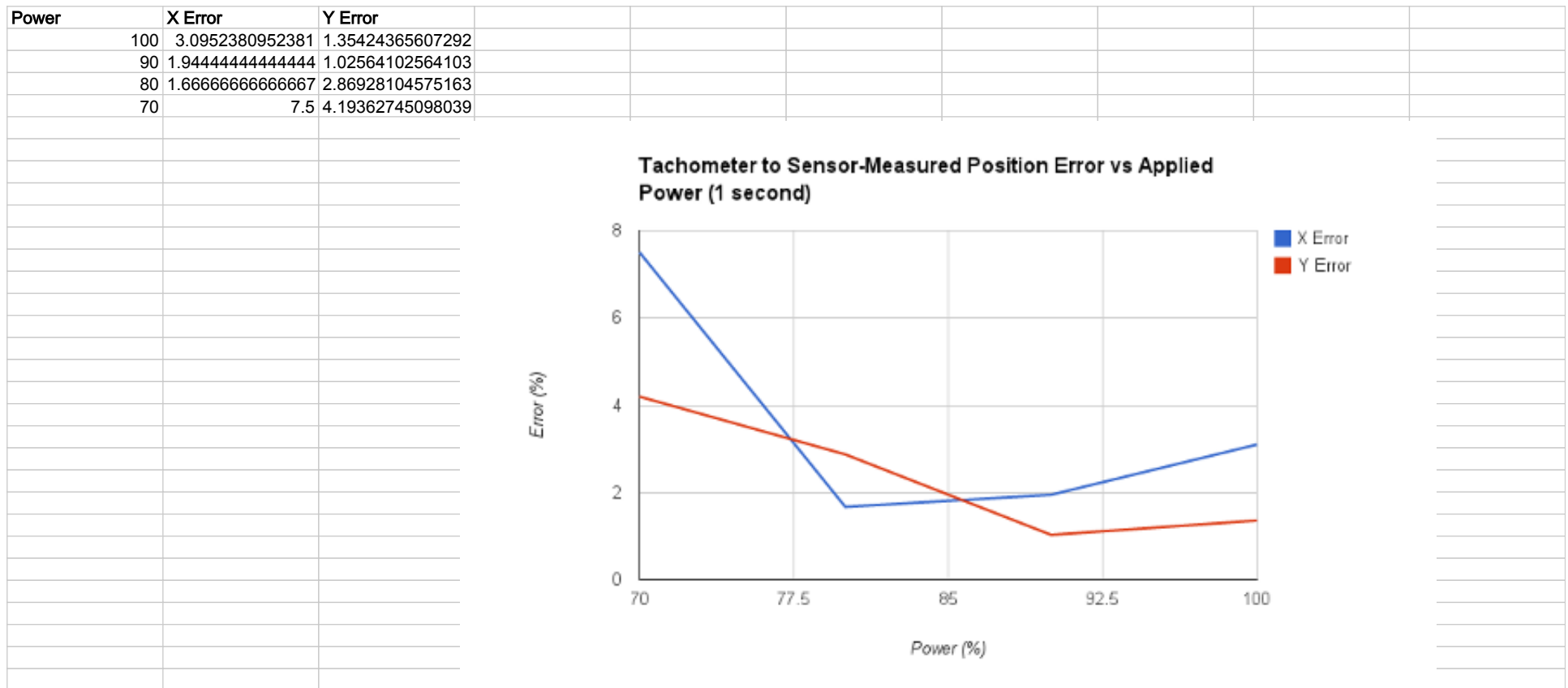
**Tachometer to Ruler-Measured Position Error vs Applied Power (2 seconds)**



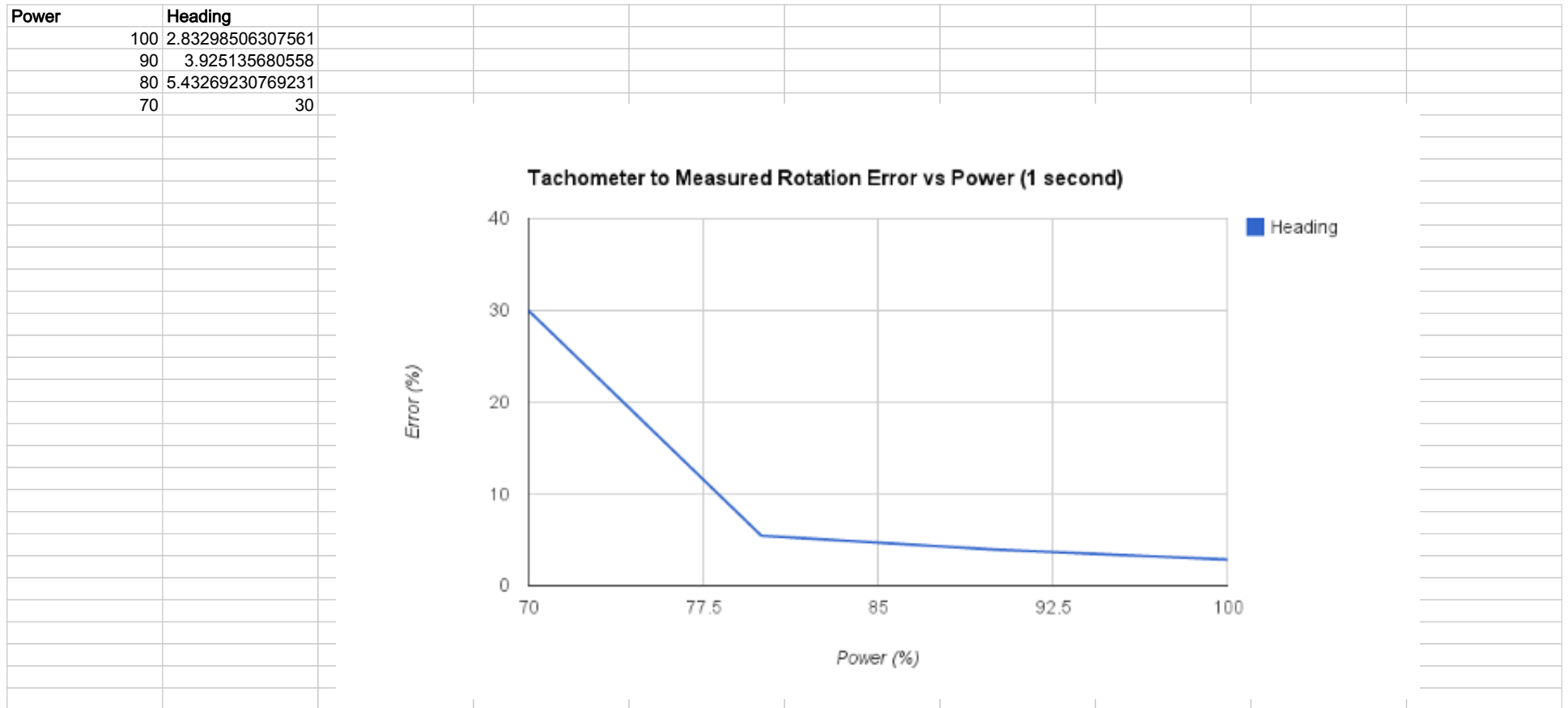
Time	Power	Tach X	Tach Y	Dist Sensor X	Dist Sensor Y	X Diff (Sensor-Tach)	Y Diff (Sensor-Tach)
1	100	47.4	373	60	410	12.6	37
1	100	39.5	376	60	319	20.5	57
1	100	42.5	373	70	334	27.5	39
1	90	17.6	302	30	258	12.4	44
1	90	25.5	302	30	300	4.5	2
1	90	26.5	302	40	258	13.5	44
1	80	13.9	222	20	150	6.1	72
1	80	15	221	20	199	5	22
1	80	9.18	222	10	172	0.82	50
1	70	3.06	133	10	150	6.94	17
1	70	3.9	133.6	10	81	6.1	52.6
1	70	1.9	131.7	10	81	8.1	50.7

# Line - Tach vs Sensors - Significant Digit Data

Time	Power	Tach X	Tach Y	Dist Sensor X	Dist Sensor Y	Normalized X Diff (Sensor-Tach)	Normalized Y Diff (Sensor-Tach)
1	100	5	37	6	41	1.66666666666667	0.97560975609756
1	100	4	38	6	32	3.33333333333333	1.875
1	100	4	37	7	33	4.28571428571429	1.21212121212121
1	90	2	30	3	26	3.33333333333333	1.53846153846154
1	90	3	30	3	30	0	0
1	90	3	30	4	26	2.5	1.53846153846154
1	80	1	22	2	15	5	4.66666666666667
1	80	2	22	2	20	0	1
1	80	1	22	1	17	0	2.94117647058824
1	70	0	13	1	15	10	1.33333333333333
1	70	0	13	1	8	10	6.25
1	70	0	13	1	8	10	6.25



Time	Power	Tach Heading	Ruler Heading	Normalized Error (Ruler-Tach)
1	100	-278	-295	5.76271186440678
1	100	-299	-292	2.3972602739726
1	100	-296	-295	0.338983050847458
1	90	-225	-214	5.14018691588785
1	90	-217	-210	3.33333333333333
1	90	-219	-212	3.30188679245283
1	80	-139	-130	6.92307692307692
1	80	-136	-128	6.25
1	80	-132	-128	3.125
1	70	-45	-30	50
1	70	-36	-30	20
1	70	-36	-30	20



Time	Power	Tach Heading	Sensor Heading	Normalized Error (Tach-Sensor)
1	100	60.75	-229.7	73.5524597300827
1	100	58	-205	71.7073170731707
1	100	56.5	-207.7	72.7973038035628
1	90	60.5	-124.3	51.3274336283186
1	90	71.25	-142.3	49.9297259311314
1	90	70.75	-148.4	52.3247978436658
1	80	67	-75.2	10.9042553191489
1	80	69.75	-70	0.357142857142857
1	80	80	-98.8	19.0283400809717
1	70	78.75	-10.8	629.166666666667
1	70	91.5	-21.5	325.581395348837
1	70	81.75	-23.1	253.896103896104



