

Trial Number	Target	Ground Truth Pose (m)			Error Distance (in)	Compact Distance (in)	Statistical Analysis			
		x	y	z			Error Distance Comparison		Compact Distance	
1	1	89.5	-34.5	-25.5	0.25	14	Sample Size	18	Sample Size	18
1	2	89.5	-49.5	-25.5	0.25	13.5	Sample Mean (in)	0.3541666667	Sample Mean	13.55555556
1	3	89.5	-49.5	-40.5	0.5	13.5	Sample Std Dev (in)	0.1728332246	Sample Std Dev	0.1616904167
2	1	89.5	-34.5	-25.5	0.5	13.5	Results		Results	
2	2	89.5	-49.5	-25.5	0.125	13.5	Error Limit (in) (Requirements)	12	Error Limit (in) (Requirements)	20
2	3	89.5	-49.5	-40.5	0.5	13.5	Likelihood of Sampling	0.0000000000	Likelihood of Sampling	0.0000000000
3	1	89.5	-34.5	-25.5	0.5	13.5	Error Limit (in) (Requirements)	6	Error Limit (in) (p-value < 0.01)	14
3	2	89.5	-49.5	-25.5	0.125	13.5	Likelihood of Sampling	0.0000000000	Likelihood of Sampling	0.00299126761
3	3	89.5	-49.5	-40.5	0.25	13.5	Error Limit (in) (p-value < 0.01)	0.8	Error Limit (in) (p-value < 0.05)	13.9
4	1	89.5	-34.5	-25.5	0.5	13.5	Likelihood of Sampling	0.0099	Likelihood of Sampling	0.01657461326
4	2	89.5	-49.5	-25.5	0.125	13.5	Error Limit (in) (p-value < 0.05)	0.7	Method: 1-tail z-score	
4	3	89.5	-49.5	-40.5	0.5	13.5	Likelihood of Sampling	0.0454		
5	1	89.5	-34.5	-25.5	0.5	13.5	Method: 2-tail z-score			
5	2	89.5	-49.5	-25.5	0.125	13.5				
5	3	89.5	-49.5	-40.5	0.5	13.5				
6	1	89.5	-34.5	-25.5	0.5	13.5				
6	2	89.5	-49.5	-25.5	0.125	14				
6	3	89.5	-49.5	-40.5	0.5	13.5				