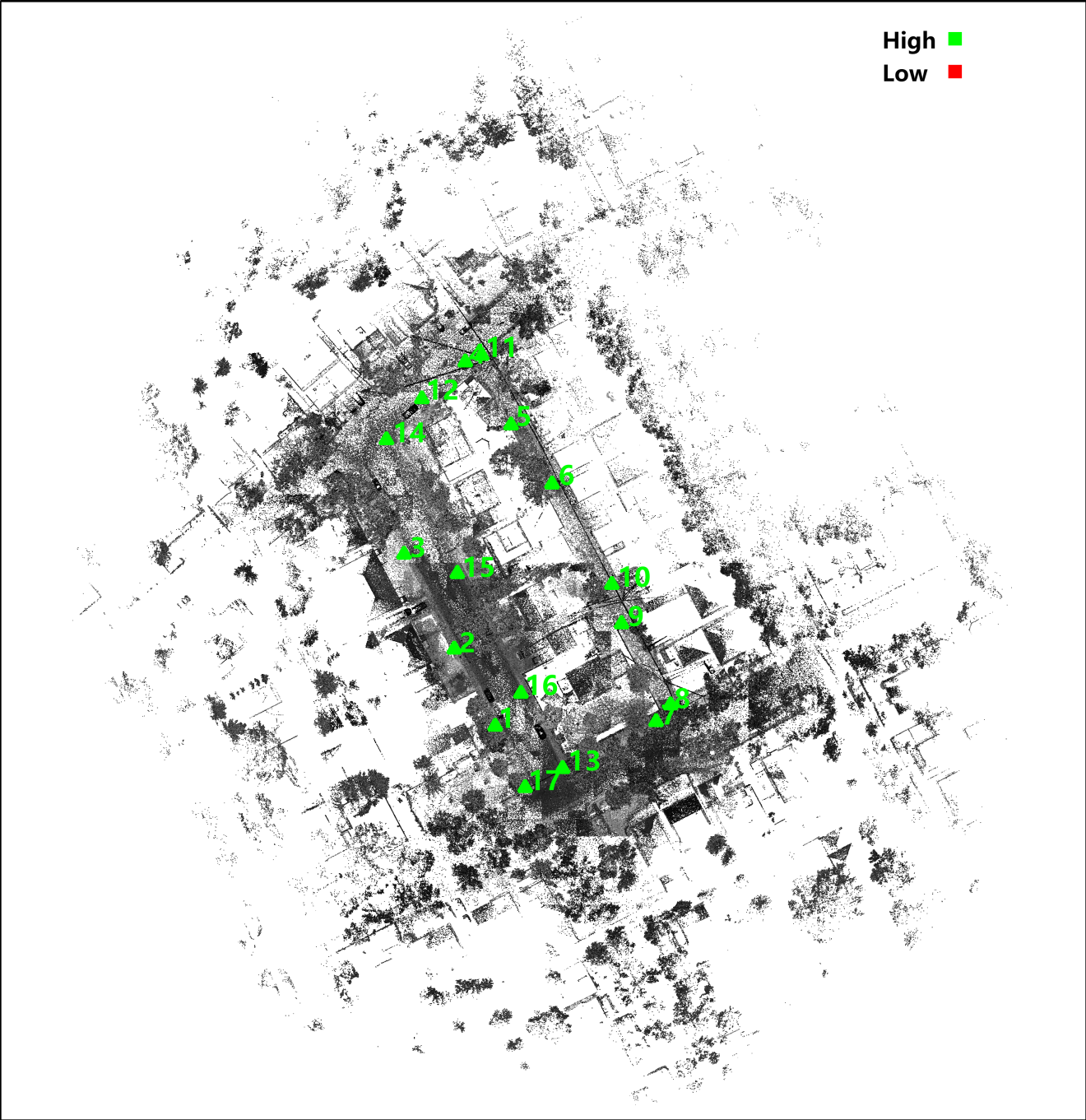


SLAM Orientation Accuracy Report

Project Overview:

Project Name:	SN_00202-To-GeodNET-GCPs
Device Name:	SLAM200E
Base Ellipsoid:	
Coordinate System:	Local coordinate system
Orientation Type:	Non-rigid orientation
Orientation Data Source:	RTK + GCP orientation
Acquisition Time:	27.7667 minutes

PointCloud Overview Map:



Relative Accuracy:

No.	Distance in Real World		Distance on Map		Distance Diff
1	1->2:	26.596	P1->P2:	26.585	0.011
2	1->3:	59.248	P1->P3:	59.244	0.004
3	1->4:	111.352	P1->P4:	111.345	0.007
4	1->5:	91.894	P1->P5:	91.886	0.008
5	1->6:	75.814	P1->P6:	75.806	0.008
6	1->7:	48.702	P1->P7:	48.709	-0.007
7	1->8:	53.461	P1->P8:	53.465	-0.004
8	1->9:	49.386	P1->P9:	49.381	0.005
9	1->10:	55.796	P1->P10:	55.800	-0.004
10	1->11:	113.103	P1->P11:	113.101	0.002
11	1->12:	102.234	P1->P12:	102.231	0.003
12	1->13:	24.115	P1->P13:	24.122	-0.007
13	1->14:	93.262	P1->P14:	93.252	0.010
14	1->15:	47.946	P1->P15:	47.939	0.007
15	1->16:	12.693	P1->P16:	12.691	0.002
16	1->17:	20.766	P1->P17:	20.780	-0.014
17	2->3:	32.652	P2->P3:	32.658	-0.006
18	2->4:	87.503	P2->P4:	87.505	-0.002
19	2->5:	70.351	P2->P5:	70.351	0.000
20	2->6:	58.340	P2->P6:	58.337	0.003
21	2->7:	64.948	P2->P7:	64.946	0.002
22	2->8:	67.610	P2->P8:	67.604	0.006
23	2->9:	51.192	P2->P9:	51.185	0.007
24	2->10:	51.559	P2->P10:	51.565	-0.006
25	2->11:	89.871	P2->P11:	89.878	-0.007
26	2->12:	76.883	P2->P12:	76.890	-0.007
27	2->13:	48.985	P2->P13:	48.980	0.005
28	2->14:	66.947	P2->P14:	66.948	-0.001
29	2->15:	23.031	P2->P15:	23.033	-0.002
30	2->16:	24.273	P2->P16:	24.273	0.000
31	2->17:	47.356	P2->P17:	47.359	-0.003
32	3->4:	61.413	P3->P4:	61.409	0.004
33	3->5:	50.946	P3->P5:	50.940	0.006
34	3->6:	49.627	P3->P6:	49.620	0.007
35	3->7:	91.771	P3->P7:	91.775	-0.004
36	3->8:	92.798	P3->P8:	92.795	0.003

37	3->9:	69.144	P3->P9:	69.141	0.003
38	3->10:	63.540	P3->P10:	63.547	-0.007
39	3->11:	65.000	P3->P11:	65.000	0.000
40	3->12:	47.669	P3->P12:	47.670	-0.001
41	3->13:	81.035	P3->P13:	81.036	-0.001
42	3->14:	35.235	P3->P14:	35.228	0.007
43	3->15:	17.165	P3->P15:	17.165	0.000
44	3->16:	55.225	P3->P16:	55.232	-0.007
45	3->17:	80.006	P3->P17:	80.016	-0.010
46	4->5:	23.683	P4->P5:	23.682	0.001
47	4->6:	45.477	P4->P6:	45.476	0.001
48	4->7:	123.867	P4->P7:	123.868	-0.001
49	4->8:	121.528	P4->P8:	121.523	0.005
50	4->9:	92.695	P4->P9:	92.695	0.000
51	4->10:	80.974	P4->P10:	80.977	-0.003
52	4->11:	5.389	P4->P11:	5.391	-0.002
53	4->12:	17.255	P4->P12:	17.250	0.005
54	4->13:	127.304	P4->P13:	127.301	0.003
55	4->14:	33.635	P4->P14:	33.636	-0.001
56	4->15:	64.472	P4->P15:	64.472	0.000
57	4->16:	102.354	P4->P16:	102.357	-0.003
58	4->17:	130.924	P4->P17:	130.932	-0.008
59	5->6:	21.796	P5->P6:	21.796	0.000
60	5->7:	100.469	P5->P7:	100.470	-0.001
61	5->8:	97.959	P5->P8:	97.954	0.005
62	5->9:	69.138	P5->P9:	69.138	0.000
63	5->10:	57.325	P5->P10:	57.329	-0.004
64	5->11:	23.034	P5->P11:	23.038	-0.004
65	5->12:	28.150	P5->P12:	28.147	0.003
66	5->13:	105.794	P5->P13:	105.790	0.004
67	5->14:	37.961	P5->P14:	37.958	0.003
68	5->15:	48.044	P5->P15:	48.042	0.002
69	5->16:	81.799	P5->P16:	81.801	-0.002
70	5->17:	110.532	P5->P17:	110.539	-0.007
71	6->7:	78.997	P6->P7:	78.997	0.000
72	6->8:	76.276	P6->P8:	76.271	0.005
73	6->9:	47.501	P6->P9:	47.501	0.000
74	6->10:	35.564	P6->P10:	35.567	-0.003

75	6->11:	44.583	P6->P11:	44.587	-0.004
76	6->12:	47.161	P6->P12:	47.161	0.000
77	6->13:	86.769	P6->P13:	86.762	0.007
78	6->14:	51.856	P6->P14:	51.852	0.004
79	6->15:	39.560	P6->P15:	39.556	0.004
80	6->16:	64.505	P6->P16:	64.505	0.000
81	6->17:	92.877	P6->P17:	92.882	-0.005
82	7->8:	6.749	P7->P8:	6.750	-0.001
83	7->9:	31.642	P7->P9:	31.642	0.000
84	7->10:	43.926	P7->P10:	43.925	0.001
85	7->11:	123.471	P7->P11:	123.476	-0.005
86	7->12:	121.268	P7->P12:	121.272	-0.004
87	7->13:	31.680	P7->P13:	31.678	0.002
88	7->14:	118.447	P7->P14:	118.446	0.001
89	7->15:	75.211	P7->P15:	75.212	-0.001
90	7->16:	41.797	P7->P16:	41.796	0.001
91	7->17:	44.409	P7->P17:	44.415	-0.006
92	8->9:	28.838	P8->P9:	28.833	0.005
93	8->10:	40.777	P8->P10:	40.770	0.007
94	8->11:	120.857	P8->P11:	120.856	0.001
95	8->12:	119.840	P8->P12:	119.838	0.002
96	8->13:	37.992	P8->P13:	37.989	0.003
97	8->14:	117.932	P8->P14:	117.926	0.006
98	8->15:	75.929	P8->P15:	75.925	0.004
99	8->16:	45.410	P8->P16:	45.406	0.004
100	8->17:	50.703	P8->P17:	50.709	-0.006
101	9->10:	12.327	P9->P10:	12.328	-0.001
102	9->11:	92.067	P9->P11:	92.071	-0.004
103	9->12:	91.371	P9->P12:	91.372	-0.001
104	9->13:	47.597	P9->P13:	47.588	0.009
105	9->14:	90.539	P9->P14:	90.534	0.005
106	9->15:	51.996	P9->P15:	51.992	0.004
107	9->16:	37.121	P9->P16:	37.116	0.005
108	9->17:	57.832	P9->P17:	57.834	-0.002
109	10->11:	80.133	P10->P11:	80.139	-0.006
110	10->12:	80.644	P10->P12:	80.650	-0.006
111	10->13:	58.036	P10->P13:	58.034	0.002
112	10->14:	81.170	P10->P14:	81.174	-0.004

113	10->15:	46.860	P10->P15:	46.868	-0.008
114	10->16:	43.108	P10->P16:	43.114	-0.006
115	10->17:	67.227	P10->P17:	67.238	-0.011
116	11->12:	22.439	P11->P12:	22.438	0.001
117	11->13:	128.253	P11->P13:	128.254	-0.001
118	11->14:	38.667	P11->P14:	38.672	-0.005
119	11->15:	66.884	P11->P15:	66.888	-0.004
120	11->16:	103.686	P11->P16:	103.694	-0.008
121	11->17:	132.364	P11->P17:	132.376	-0.012
122	12->13:	120.444	P12->P13:	120.445	-0.001
123	12->14:	16.485	P12->P14:	16.492	-0.007
124	12->15:	54.311	P12->P15:	54.316	-0.005
125	12->16:	94.645	P12->P16:	94.653	-0.008
126	12->17:	122.531	P12->P17:	122.543	-0.012
127	13->14:	113.434	P13->P14:	113.429	0.005
128	13->15:	67.424	P13->P15:	67.422	0.002
129	13->16:	26.135	P13->P16:	26.129	0.006
130	13->17:	12.730	P13->P17:	12.738	-0.008
131	14->15:	46.011	P14->P15:	46.008	0.003
132	14->16:	87.302	P14->P16:	87.304	-0.002
133	14->17:	113.957	P14->P17:	113.961	-0.004
134	15->16:	41.292	P15->P16:	41.295	-0.003
135	15->17:	68.391	P15->P17:	68.398	-0.007
136	16->17:	28.734	P16->P17:	28.738	-0.004
Mean Distance Error		0.004			
Distance RMSE		0.005			

Ground Control Point Accuracy:

Control Point(m)				Measurement Coordinates(m)			Residual Error(m)			
GCP Name	East X	North Y	Up Z	Measure x	Measure y	Measure z	DX	DY	DX Y	DZ
1	354144.462	5954108.237	624.562	354144.456	5954108.242	624.564	0.006	-0.005	0.008	-0.002
2	354132.092	5954131.781	624.754	354132.094	5954131.778	624.750	-0.002	0.003	0.004	0.004
3	354116.881	5954160.673	624.899	354116.881	5954160.677	624.898	-0.000	-0.004	0.004	0.001
4	354135.421	5954219.219	625.282	354135.421	5954219.218	625.282	-0.000	0.001	0.001	0.000
5	354149.263	5954200.004	625.025	354149.260	5954200.002	625.023	0.003	0.002	0.004	0.002
6	354161.655	5954182.076	624.718	354161.651	5954182.073	624.718	0.004	0.003	0.005	-0.000
7	354193.144	5954109.626	624.548	354193.145	5954109.625	624.547	-0.001	0.001	0.002	0.001

8	354197.524	5954114.760	624.561	354197.522	5954114.763	624.562	0.002	-0.003	0.004	-0.001
9	354182.698	5954139.493	624.276	354182.693	5954139.489	624.271	0.005	0.004	0.007	0.005
10	354179.748	5954151.459	624.532	354179.755	5954151.459	624.534	-0.007	0.000	0.007	-0.002
11	354140.406	5954221.265	625.336	354140.407	5954221.269	625.338	-0.001	-0.004	0.004	-0.002
12	354122.283	5954208.034	625.187	354122.285	5954208.039	625.186	-0.002	-0.005	0.005	0.001
13	354164.855	5954095.367	624.422	354164.856	5954095.370	624.421	-0.001	-0.003	0.003	0.001
14	354111.570	5954195.504	625.174	354111.570	5954195.501	625.174	-0.000	0.003	0.003	-0.000
15	354133.007	5954154.794	624.778	354133.006	5954154.793	624.779	0.001	0.001	0.001	-0.001
16	354152.249	5954118.261	624.507	354152.251	5954118.257	624.511	-0.002	0.004	0.004	-0.004
17	354153.529	5954089.556	624.414	354153.527	5954089.548	624.412	0.002	0.008	0.009	0.002
Mean Error							0.000	0.000	0.004	0.000
RMSE							0.003	0.004	0.005	0.002